



GE  
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USA

*Transmitted Via Overnight Delivery*

April 21, 2009

Mr. Dean Tagliaferro  
EPA Project Coordinator  
U.S. Environmental Protection Agency  
c/o Weston Solutions  
10 Lyman Street  
Pittsfield, Massachusetts 01210

**Re: GE-Pittsfield/Housatonic River Site  
East Street Area 2-South (GECD150)  
Second Addendum to Conceptual Removal Design/Removal Action Work Plan**

Dear Mr. Tagliaferro:

On April 11, 2008, the U.S. Environmental Protection Agency (EPA) issued a letter to the General Electric Company (GE) providing conditional approval of GE's December 12, 2007 *Addendum to Conceptual Removal Design/Removal Action Work Plan* (Addendum) for the East Street Area 2-South Removal Action Area (RAA). That conditional approval letter provided comments on the Addendum and required the preparation of a Second Addendum to the January 2006 *Conceptual Removal Design/Removal Action Work Plan for East Street Area 2-South* (Conceptual Work Plan). In accordance with that requirement, GE has prepared this *Second Addendum to Conceptual Removal Design/Removal Action Work Plan for East Street Area 2-South* (Second Addendum), which provides responses to the comments included in EPA's April 11, 2008 conditional approval letter and presents supplemental information supporting these responses in several attachments hereto.

\* \* \* \* \*

**EPA Comment #1:** *GE shall revise Figure A-1 to include the area located between Buildings 61, 64, 65, and 66B to be shown as degraded pavement. This area is shown on the attached figure. An updated Figure A-1 shall be provided in the Second Addendum, referenced below. In addition, GE shall repair all areas shown as "paved" on the revised and approved Figure A-1 that are damaged during remediation or building demolition.*

**GE Response:** GE has revised Figure A-1 of the Addendum to include the areas of degraded pavement indentified by EPA; that figure is included herein as Attachment A. GE has also identified additional areas of degraded pavement to the north and west of Building 61, which are also depicted on Figure A-1. In addition, GE agrees to repair all areas shown on the revised Figure A-1 as "paved areas to be maintained by GE" or "enhanced pavement areas" that are damaged during remediation or building demolition.

\* \* \* \* \*

**EPA Comment #2:** *Figure A-1 shows a number of narrow roads in the eastern portion of the RAA as “paved” areas. GE should consider revising the averaging tables in the CRD/RA and addendums to exclude these roads as “paved” for the purpose of meeting the Performance Standards and for the Grants of Environmental Restrictions and Easements. If the roads can meet unpaved standards, future inspection, maintenance, and surveying costs will be reduced, and the ERE will be less restrictive. These roads include the one extending from RAA4-F21 to East Street, the loop extending from RAA4-I31/I33 to approximately 70 feet west of RAA4-D31, and the paved area around 64-T and 64G. Even though the roads would be classified as “unpaved” for Performance Standard and ERE purposes, the roads could remain as paved.*

**GE Response:** As shown on Figure A-1 (Attachment A), GE has elected to evaluate a number of paved areas within Averaging Areas 4B and 4D as unpaved for the purposes of demonstrating achievement of the Performance Standards for the top foot of soils in unpaved areas and for purposes of the forthcoming Grant of Environmental Restriction and Easement (ERE). As part of this evaluation, GE confirmed that sufficient data exist in these paved areas to satisfy the unpaved sampling frequency requirements specified in the *Statement of Work for Removal Actions Outside the River (SOW)*, which is Appendix E to the Consent Decree (CD) for this Site. These areas are identified on revised Figure A-1 as “paved areas characterized as unpaved” and will be considered in the ERE as part of the Open Soil/Vegetated Area. Next, GE revised the PCB evaluations previously presented in the Conceptual Work Plan for the 0- to 1-foot depth increment within Averaging Areas 4B and 4D to reflect the additional areas to be considered as unpaved for the purposes of achieving the Performance Standards for the top foot of soils in unpaved areas.

The results of these revised PCB evaluations indicate that a limited amount of additional soil removal (less than 5 *in-situ* cubic yards [cy]) will be necessary within Averaging Area 4B to address certain soils within currently paved areas that contain PCBs at concentrations greater than the not-to-exceed (NTE) level of 125 parts per million (ppm) applicable to the top foot of unpaved soils at industrial areas within the GE Plant Site. Specifically, a small portion of the paved polygons associated with sampling locations RAA4-4 and RAA4-F28 will need to be removed to allow those areas to be considered unpaved for the purposes of achieving the Performance Standards for the top foot of soils in unpaved areas. GE has revised Figure 4-1 of the Addendum to include such additional soil removal; that revised figure is presented in Attachment B.

In conjunction with these revisions, GE has also revised certain other PCB evaluations previously included in the Conceptual Work Plan for Averaging Areas 4A, 4B, and 4D. Specifically, those PCB evaluations were revised as follows:

- The PCB evaluations were revised to reflect the correct RAA boundary along East Street and Newell Street (as modified in the Addendum).
- These evaluations were revised to include soils located beneath the approximately six-foot deep Recharge Pond, located along the boundary between Averaging Areas 4B and 4D.



- The evaluations were revised to reflect the revised limits of enhanced pavement to be installed by GE. In the Addendum, in response to EPA's Comments #2, #3, and #4 on the Conceptual Work Plan, GE agreed to consider expanding the enhanced pavement at several areas identified by EPA, although such expansions are not necessary to meet the applicable Performance Standards. GE has now considered those potential expansions. Based on this consideration, GE has expanded the enhanced pavement to include the strip by the DNAPL pipes and sample locations 95-04 and 95-05 and the triangle east of RAA4-H27, as recommended in EPA's prior Comment #2 and as shown on revised Figure 4-1, to increase coverage over contaminated soil and minimize discontinuities in the pavement. For the areas identified by EPA in its Comments #3 and #4 on the Conceptual Work Plan, GE has determined that it will repair any degraded pavement in these areas and maintain the pavement present there, but that, in these circumstances, there is no need to install enhanced pavement in these areas. The PCB evaluations were revised in accordance with these modifications.
- In addition, GE has revised the PCB evaluations presented in the Conceptual Work Plan to correctly represent the placement of enhanced pavement over subsurface soils. Specifically, the post-remediation averaging tables presented in the Conceptual Work Plan for Averaging Areas 4B and 4D only demonstrated the impact of the placement of enhanced pavement on the post-remediation average PCB concentrations for the 0- to 1-foot depth increment at those averaging areas. However, as provided in Section 4 (page 11) of Technical Attachment E of the SOW (Protocols for PCB Spatial Averaging), "[s]oils present at all depths below an anticipated surface cover or engineered barrier will be excluded from subsequent spatial average calculations, and the spatial average concentrations will be recalculated for the remaining portion(s) of the averaging area to determine the need for a further extension of the surface cover or engineered barrier to achieve the applicable PCB Performance Standards." Since enhanced pavement is defined as a surface cover (see Technical Attachment G of the SOW), GE has modified the PCB spatial averaging calculations for all subsurface depth increments to exclude the soils associated with polygons located entirely within the extent of enhanced pavement.
- Finally, the evaluations were revised to include the additional 6-foot soil removal that GE will conduct around sample location RAA4-F28 to address soils located within utility corridors 4 and 17, as discussed in the Response to Comment #9 below. Although GE will also perform an additional 6-foot soil removal around sample location RAA4-F27 to address soils located within utility corridors 4 and 19, those soils are entirely located below enhanced pavement; therefore, that soil removal does not appear in the revised averaging tables. (Note that, in accordance with the Addendum, GE has also considered voluntarily adding soil removals around sample locations RAA4-E29 and RAA4-5 and deeper soil removal around sample location 95-07, as described in the Addendum. Based on that consideration, GE has determined not to include those additional soil removals as they are not necessary to achieve the applicable Performance Standards.)

The revised Thiessen polygon mapping and spatial averaging evaluations for Averaging Areas 4A, 4B, and 4D that incorporate these revisions are presented in Attachment C (Figures C-1 through C-12 and Tables C-1 through C-19). The results of these revised evaluations are summarized in the following table (table references included in parentheses):

Depth Increment	Performance Standard (ppm)	Existing Spatial Average PCB Concentration (ppm)	Post-Remediation Spatial Average PCB Concentration (ppm)
<b>Averaging Area 4A</b>			
0 - 1' (Unpaved)	25	13.31 (C-1)	NA
0 - 1' (Paved and Unpaved)	25	6.01 (C-2)	NA
1 - 6'	200	28.43 (C-3)	NA
0 - 15'	100	10.13 (C-4)	NA
<b>Averaging Area 4B</b>			
0 - 1' (Unpaved)	25	108.82 (C-5)	7.86 (C-9)
0 - 1' (Paved and Unpaved)	25	161.54 (C-6)	24.29 (C-10)
1 - 6'	200	104.63 (C-7)	82.12 (C-11)
0 - 15'	100	71.63 (C-8)	56.04 (C-12)
<b>Averaging Area 4D</b>			
0 - 1' (Unpaved)	25	14.95 (C-13)	10.89 (C-17)
0 - 1' (Paved and Unpaved)	25	16.65 (C-14)	12.64 (C-18)
1 - 6'	200	8.70 (C-15)	NA
0 - 15'	100	13.83 (C-16)	13.58 (C-19)

Note:

NA – Not applicable.

The results of the revised PCB evaluations indicate that the proposed post-remediation conditions for each averaging area will achieve the applicable PCB Performance Standards.

\* \* \* \* \*

**EPA Comment #3:** *In the Second Addendum, GE shall provide detailed calculations regarding the flood storage losses and gains, for each one-foot elevation, resulting from GE's remediation and demolition activities and other work located within the 100-year floodplain along the stretch of the Housatonic River between the Lyman and Newell Street bridges. GE shall detail the methodology supporting these calculations. Tabulated and illustrated data similar to Addendum Table D-2 and Figure D-1 shall be provided. GE shall include calculations similar to those provided in Attachment D to the Final RD/RA Work Plan for Newell Street Area I (or alternate backup documentation, if justified by GE, subject to EPA approval) so that EPA can derive the values to be provided in Table D-2 of the Second Addendum. The calculations and figures shall be provided for each RAA located between Newell Street and Lyman Street and for the Upper 1/2-Mile Reach. These calculations shall be based upon as-built conditions, except for the Newell I, the Upper 1/2-Mile Reach and East Street Area 2-- South, for which calculations may be based upon design work plans. GE shall demonstrate how GE will comply with ARARs relating to the flood storage capacity of the floodplain and the provision of flood storage compensation.*

*GE shall include a comparison of all flood storage values given in the Addendum, the Second Addendum, and the relevant RAA design document used as the source of the flood storage values. All discrepancies between flood storage values presented in the Second Addendum and values given in RAA design documents shall be accounted for. The Second Addendum shall provide a citation of the RAA document(s) that is the source of any flood values used in the Second Addendum.*

*In performing flood storage calculations, any remaining net gains in flood storage capacity at lower elevation increments may be used to compensate for any remaining net losses at higher elevation increments provided that GE submits for EPA approval modeling and analysis that demonstrates that there is no significant increase in water surface elevations and there is no significant increase in the areal extent of flooding for river flows up to and including the 100-year storm event between Newell and Lyman Street.*

*Upon completion of the response actions in East Street Area 2 – South, GE shall use as-built drawings for East Street Area 2-South to revise flood storage calculations, tables, and, if necessary, any modeling and associated analysis, to demonstrate that the floodplain ARARs are still met after completion of the East Street Area 2-South response actions.*

**GE Response:** In response to this comment, GE has prepared a Flood Storage Assessment to document the impacts to the flood storage capacity of the Housatonic River floodplain resulting from various remediation activities and building/structure demolition projects performed by GE or EPA within the 100-year floodplain for the expanded stretch of the Housatonic River agreed upon by GE and EPA as appropriate for this evaluation – namely, the stretch of the river located between the Newell Street and Elm Street bridges. The Flood Storage Assessment is presented in Attachment D and includes detailed calculations, methodology, and a hydraulic modeling analysis that support GE’s conclusion that the remediation/demolition activities performed to date, when combined with the future remediation/demolition activities considered in the Flood Storage Assessment, will result in a general reduction in the elevation and areal extent of flooding in the floodplain stretch between the Newell Street and Lyman Street bridges, and in an overall increase in flood storage capacity for the evaluated stretch of Housatonic River. Specifically, the calculations presented in Attachment D show that the project-specific remediation/demolition activities evaluated as part of Flood Storage Assessment will result in an overall net gain in flood storage capacity of approximately 24,820 cy within the 100-year floodplain along the evaluated stretch of the Housatonic River. However, those calculations also show a net loss in flood storage capacity of approximately 1,030 cy below elevation 985 feet (after incorporating gains/losses in flood storage capacity at lower elevations). As a result, under EPA’s directives, GE is required to provide an offsetting gain in flood storage capacity of approximately 1,030 cy below elevation 985 feet. The offsetting gain in flood storage capacity can be at any elevation at or below the 984 to 985 foot elevation increment because the net flood storage gain below elevation 983 feet exceeds the net flood storage loss within the 983 to 984 foot elevation increment.

As indicated in Attachment D, the net loss in flood storage capacity of 1,030 cy below elevation 985 feet will be offset through future remediation actions performed by GE within East Street Area 2-South. Specifically, GE intends to generate an offsetting gain in flood storage capacity of 1,030 cy below elevation 985 feet within Averaging Area 4E, which is also known as the Riparian Removal Zone (RRZ). Attachment D shows that a sufficient volume of flood storage compensation can be generated in this area under any of three potential scenarios. Specific design details regarding GE’s proposed approach to

create the required compensatory flood storage capacity within Averaging Area 4E will be provided in the forthcoming Final Removal Design/Removal Action Work Plan for East Street Area 2-South (Final Work Plan), along with a demonstration that the appropriate volume of compensatory flood storage capacity will be generated by the proposed remediation actions in this area.

\* \* \* \* \*

**EPA Comment #4:** *The contingency plan described in Condition 10 on page 7 of 12 shall include the management of any liquid containing vessels (regardless of characterization as intact), as well as any potentially contaminated non-liquid containing vessels.*

**GE Response:** GE has modified the contingency plan described in the Addendum (Response to EPA Comment #10) to address the potential discovery of buried drums, capacitors, or other vessels during soil removal activities. Under this modified plan, the Remediation Contractor will be required to implement the following measures, at a minimum, in the event that any such items are discovered during the course of remediation activities at East Street Area 2-South:

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

The forthcoming Final Work Plan will include these minimum requirements for the Contingency Plan to be developed by the Remediation Contractor (once selected) and submitted as part of the Remediation Contractor's Operations Plan prior to implementation of the remediation activities at East Street Area 2-South.

\* \* \* \* \*

**EPA Comment #5:** *EPA approves the use of the Groundskeeper Risk-Based Concentration (RBC) referenced in Condition 11 on page 7 of 12 – that is, 2,008 mg/kg – for the Utility Worker Scenario in the 1-6 ft and 0-15 ft depth intervals. Such approval notwithstanding, the demonstration contained in Attachment E that the Groundskeeper Scenario is protective for the Utility Worker shall not be used as a precedent elsewhere. Further, this approval does not mean that EPA necessarily agrees with all the conclusions presented in Attachment E regarding this issue, such as the conclusion that the Groundskeeper RBC overestimates risk to the Utility Worker.*

**GE Response:** Comment noted.

\* \* \* \* \*

**EPA Comment #6:** *GE shall revise Figure 4-1 to delineate with a distinct designation the additional 20,000 square feet to the 200 foot riparian removal zone that is required by the Third Consent Decree Modification.*

**GE Response:** GE previously shifted the northern boundary of Averaging Area 4E approximately 20 feet to the north, thus adding approximately 20,000 square feet to this averaging area. The stipple pattern shown on revised Figure 4-1 (Attachment B) along the northern boundary of Averaging Area 4E illustrates this modification.

\* \* \* \* \*

**EPA Comment #7:** *GE shall remove the temporary gravel road shown in Figure 4-1 on the western boundary of East St. Area 2 – South, located approximately between RAA4-01 and RAA4-N4.*

**GE Response:** Revised Figure 4-1 (Attachment B) indicates that the temporary gravel road (located to the north of the Building 62 Shed) will be removed as part of the forthcoming remediation activities.

\* \* \* \* \*

**EPA Comment #8:** *EPA, after consultation with MDEP, approves GE's utility corridor evaluation (contained in pages 9-11 of the Addendum) except for corridors 2, 4, 6, 17, and 19, subject to the following conditions. In addition, EPA recommends that GE properly abandon corridor 18 shown on Figure F-2. This corridor will be primarily located under the vegetated engineered barrier following remediation, appears to no longer be necessary, and will not be easily accessible for any future work. GE shall provide EPA with reasonable notice if and when GE decides to abandon corridor 18.*

*For all utility corridor abandonments, GE shall abandon the utilities according to the following requirements. All utilities that run perpendicular to the river bank shall be cut at least twenty feet above the top of the river bank, capped on the remaining upstream end, and grouted the full extent of the remaining downstream end. Any utilities that run parallel to the river bank, such as a significant length of corridor 2, shall be cut, capped and grouted along the entire length of the utility that runs along the river bank.*

**GE Response:** GE will incorporate the above requirements for the abandonment of utilities into the forthcoming Final Work Plan. GE has also revised the utility location map (Figure F-1 of the Addendum) – which illustrated existing utilities (shown in red), abandoned utilities (shown in blue), and utilities that GE currently intends to abandon (shown in red with blue highlighting) – to indicate that utility corridor 18 will be subject to future abandonment (red with blue highlighting) in conjunction with the performance of future remediation activities at East Street Area 2-South. That revised figure is provided as Figure E-1 in Attachment E. (Attachment E also includes a revised version of Figure F-2 of the Addendum, which shows the numerical identification of the various utility corridors subject to evaluation. That revised figure is provided as Figure E-2 in Attachment E.) Figure E-1 has also been revised to reflect the abandonment of certain utilities during the recent demolition of Buildings 63 and 63X.

In addition to the revisions described above, EPA has recently provided additional comments based on its comparison of the information provided on Figures F-1 and F-2 of the Addendum to draft utility mapping prepared by GE to facilitate on-going permitting activities associated with the National Pollutant Discharge Elimination System (NPDES). Based on those comments, GE has made further revisions to Figure E-1 and, where appropriate, Figure E-2, including:

- Two utility lines that were previously identified as drain lines in the eastern portion East Street Area 2-South were relabeled as force mains. The first of these lines runs between Buildings 64V and 64X (within utility corridor 14) and the second runs between the retention structure located south of Building 64R and Building 64G (parallel to the electric line within utility corridor 16).
- As requested by EPA, GE has revised Figure E-1 to differentiate between those utility lines that convey waters to the oil-water separators or NPDES outfalls and other drain lines within East Street Area 2-South. In response to this request, GE has relabeled all NPDES-related storm sewers (i.e., added an "ST" designation) on Figure E-1. As a result, the utility lines identified as storm sewers on Figure E-1 are the same as those shown as storm sewers on the NPDES utility mapping provided separately to EPA.
- Five inactive drain lines were identified in the vicinity of Building 64X (within utility corridor 14). These utility lines were previously identified in the Addendum as active lines. However, as noted on Figure E-1, the exact date and method of abandonment for these utilities are unknown. GE will confirm the status of these utilities in conjunction with the performance of the future remediation activities within East Street Area 2-South and, if necessary, will properly abandon these utilities in accordance with the requirements described above. Given the uncertainty regarding the status of these utilities, they are shown on Figure E-1 as active utilities subject to future abandonment (i.e., red with blue highlighting).
- An abandoned section of storm sewer was identified in the vicinity of Building 64W (within utility corridor 17). This section of storm sewer (which was previously identified in the Addendum as an active line) begins to the northeast of Building 64W, continues around the western side of the building, and connects to the line exiting the south side of the building. In addition, Figure F-1 of the Addendum included an approximately 30-foot section of storm sewer branching off of utility corridor 17, northeast of Building 64W. This small section of storm sewer is not present and has therefore been deleted from Figure E-1.
- An active section of storm sewer has been identified to the north of Building 64Z and is now being evaluated as part of utility corridor 19 (refer to Figure E-2). This section of storm sewer was previously identified as an inactive line (as a result of the East Street/Merrill Road re-alignment) on Figure F-1 of the Addendum. In addition, Figure F-1 of the Addendum excluded a section of storm sewer within Utility Corridor 19 running between to the force main and storm sewer through the central portion of the RAA. GE has revised Figures E-1 and E-2 to include these sections of storm sewer utility line.

\* \* \* \* \*

**EPA Comment #9:** *EPA, after consultation with MDEP, disapproves GE's utility corridor evaluation as it relates to corridors 2, 4, 6, 17, and 19. In the Second Addendum, GE shall submit a proposal for additional soil removal and replacement for corridors 4, 17, and 19. For corridors 2 and 6, GE shall either submit a proposal for additional soil removal and replacement or GE shall properly abandon these utility lines. GE shall abandon any utility corridors in accordance with the requirements described above in Paragraph 8.*

**GE Response:** GE has elected to properly abandon utility corridors 2 and 6 (in addition to utility corridor 18, as noted above in the Response to Comment #8) in accordance with the requirements described above in Comment #8 and has revised the utility location map (Figure E-1 in Attachment E) to indicate that these utility lines are subject to future abandonment. (Despite this decision, utility corridors 2, 6, and 18 continue to be shown on Figure E-2 for ease of reference.) For utility corridors 4, 17, and 19, GE is proposing to expand the limits of soil removal within portions of those utility corridors to a depth of six feet below grade in order to address PCB concentrations within the 1- to 6-foot depth increment at sample locations RAA4-F27 (3,900 ppm) and RAA4-F28 (1,900 ppm), as discussed with EPA. The expanded limits of soil removal are shown on Figure 4-1 (Attachment B) and will result in the removal of an additional approximately 1,135 cy of soil from Averaging Area 4B. The Thiessen polygon mapping and spatial averaging evaluations for the 1- to 6-foot depth increment within these utility corridors have been revised to incorporate these additional removals and the updated utility mapping shown on Figure E-1 (and discussed above in the Response to Comment #8). The revised PCB evaluations for utility corridors 4, 17, and 19 are presented in Attachment F (Figures F-1 through F-8 and Tables F-1 through F-6) and are summarized in the following table (table references included in parentheses):

Utility Corridor ID	Existing Spatial Average PCB Concentration (ppm)	Post-Remediation Spatial Average PCB Concentration (ppm)
4	590.36 (F-1)	171.48 (F-2)
17	443.42 (F-3)	313.93 (F-4)
19	280.49 (F-5)	182.50 (F-6)

As shown in the above table, the proposed remediation within utility corridors 4 and 19 will result in spatial average PCB concentrations that are below the 200 ppm comparison criterion for the 1- to 6-foot depth increment. For utility corridor 17, the proposed removal actions would significantly lower the average PCB concentration. Access to the soils in this area will be limited, since a portion of this area will be subject to the installation of enhanced pavement, as indicated on Figure 4-1 (Attachment B), and the entire area will be subject to the ERE for East Street Area 2-South. The ERE will contain specific provisions to ensure that: (a) the MDEP is notified prior to any excavation work in this utility corridor; (b) all work in this utility corridor is conducted in accordance with health and safety protocols that will protect the utility workers; (c) such work is conducted under the supervision of a Licensed Site Professional (or, in emergencies, a similarly trained and experienced GE employee); (d) any soil that is excavated during the course of such utility work is subject to appropriate management and disposition in accordance with specified protocols approved by EPA and MDEP; (e) excavations are backfilled with suitable materials; and (e) in any case where such utility work is prohibited by the ERE without a

Conditional Exception, specific MDEP approval is obtained under the Conditional Exception provisions of the ERE. For these reasons, GE does not believe that any additional remediation beyond that proposed herein is necessary or appropriate at this time to address soils within utility corridor 17.

\* \* \* \* \*

Consistent with the Conceptual Work Plan and Addendum, GE proposes to complete the remaining design-related activities and submit the Final Work Plan for the East Street Area 2-South RAA within 120 days of EPA approval of this Second Addendum.

Please contact me with any questions or comments on the information presented herein.

Sincerely,



Richard W. Gates  
Remediation Project Manager

#### Attachments

cc: Richard Fisher, EPA  
Tim Conway, EPA\*\*  
John Kilborn, EPA  
Rose Howell, EPA\*  
Holly Inglis, EPA\*\*  
Susan Steenstrup, MDEP (2 copies)  
Michael Gorski, MDEP\*  
Eva Tor, MDEP\*  
Jane Rothchild, MDEP\*  
K.C. Mitkevicius, USACE\*\*  
Linda Palmieri, Weston (2 copies)  
Nancy E. Harper, MA AG\*  
Dale Young, MA EOEEA\*\*  
Mayor James Ruberto, City of Pittsfield\*\*  
Michael Carroll, GE\*  
Andrew Silfer, GE\*\*

Rod McLaren, GE\*  
James Bieke, Goodwin Procter  
Laurence Kirsch, Goodwin Procter  
James Nuss, ARCADIS\*\*  
Richard Nasman, Berkshire Gas Company\*\*  
Ishwar Murarka, Ph.D., Ish, Inc.\*\*  
Kevin Hylton, PMP, KHES, LLC\*  
David Mauro, META\*  
Martin Booher, Dewey & LeBoeuf\*  
Public Information Repositories  
GE Internal Repository

\* cover letter only

\*\* with electronic versions of  
exhibits to Attachment D



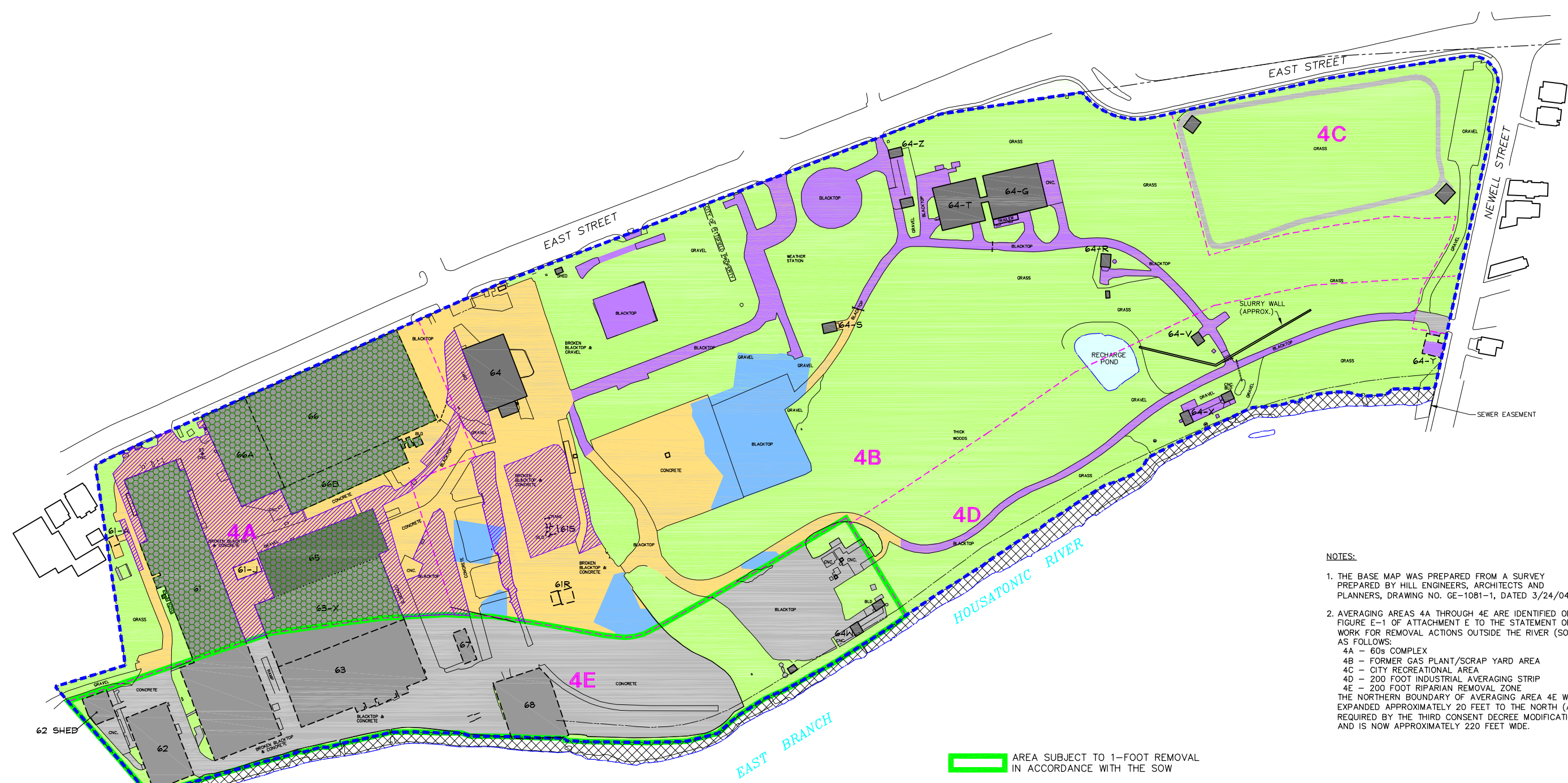
ARCADIS

**Attachments**

**Attachment A**

Revised Figure A-1 – Disposition  
of Paved Areas within East Street  
Area 2-South

CITY: SVR DIV/GRP: 65 DB: DMW/LAF/DMW LD: DMW/PC/OPM T1: (Opt) L1: (Opt) ON: OFF=REF=FRZN PM: (Rept) T1: (Opt) L1: (Opt) ON: OFF=REF=FRZN  
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 XREFS: 10111X15 10111X06 PROJECTNAME: ""



- LEGEND**
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
  - - - APPROXIMATE LIMITS OF RD/RA AVERAGING AREAS
  - - - LINE DIVIDING SUBSURFACE INCREMENTS BETWEEN AVERAGING AREAS 4B AND 4D
  - PROPERTY LINE
  - EASEMENT LINE
  - EDGE OF WATER
  - BUILDING
  - DEMOLISHED BUILDING
  - BUILDING SUBJECT TO FUTURE DEMOLITION

- AREA SUBJECT TO 1-FOOT REMOVAL IN ACCORDANCE WITH THE SOW
- AREAS OF PAVEMENT SUBJECT TO REMOVAL OF TOP 12 INCHES WITHIN AVERAGING AREA 4E
- UNPAVED AREA (GRASS/DIRT/ GRAVEL)
- AREA ADDRESSED AS PART OF BUILDING 68 REMOVAL ACTION OR 1/2-MILE REACH REMOVAL ACTION
- PAVED AREA (ASPHALT/CONCRETE) CHARACTERIZED AS UNPAVED
- PAVED AREA TO BE MAINTAINED BY GE
- ENHANCED PAVEMENT AREA (SEE FIGURE 4-1)
- AREA OF DEGRADED PAVEMENT
- AREA CURRENTLY OR ANTICIPATED TO BE COVERED WITH SOIL

- NOTES:**
1. THE BASE MAP WAS PREPARED FROM A SURVEY PREPARED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. GE-1081-1, DATED 3/24/04.
  2. AVERAGING AREAS 4A THROUGH 4E ARE IDENTIFIED ON FIGURE E-1 OF ATTACHMENT E TO THE STATEMENT OF WORK FOR REMOVAL ACTIONS OUTSIDE THE RIVER (SOW) AS FOLLOWS:  
 4A - 60s COMPLEX  
 4B - FORMER GAS PLANT/SCRAP YARD AREA  
 4C - CITY RECREATIONAL AREA  
 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP  
 4E - 200 FOOT RIPARIAN REMOVAL ZONE  
 THE NORTHERN BOUNDARY OF AVERAGING AREA 4E WAS EXPANDED APPROXIMATELY 20 FEET TO THE NORTH (AS REQUIRED BY THE THIRD CONSENT DECREE MODIFICATION) AND IS NOW APPROXIMATELY 220 FEET WIDE.

GENERAL ELECTRIC COMPANY  
 PITTSFIELD, MASSACHUSETTS  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA  
 WORK PLAN FOR EAST STREET AREA 2-SOUTH**

**DISPOSITION OF PAVED AREAS  
 WITHIN EAST STREET AREA 2 - SOUTH**



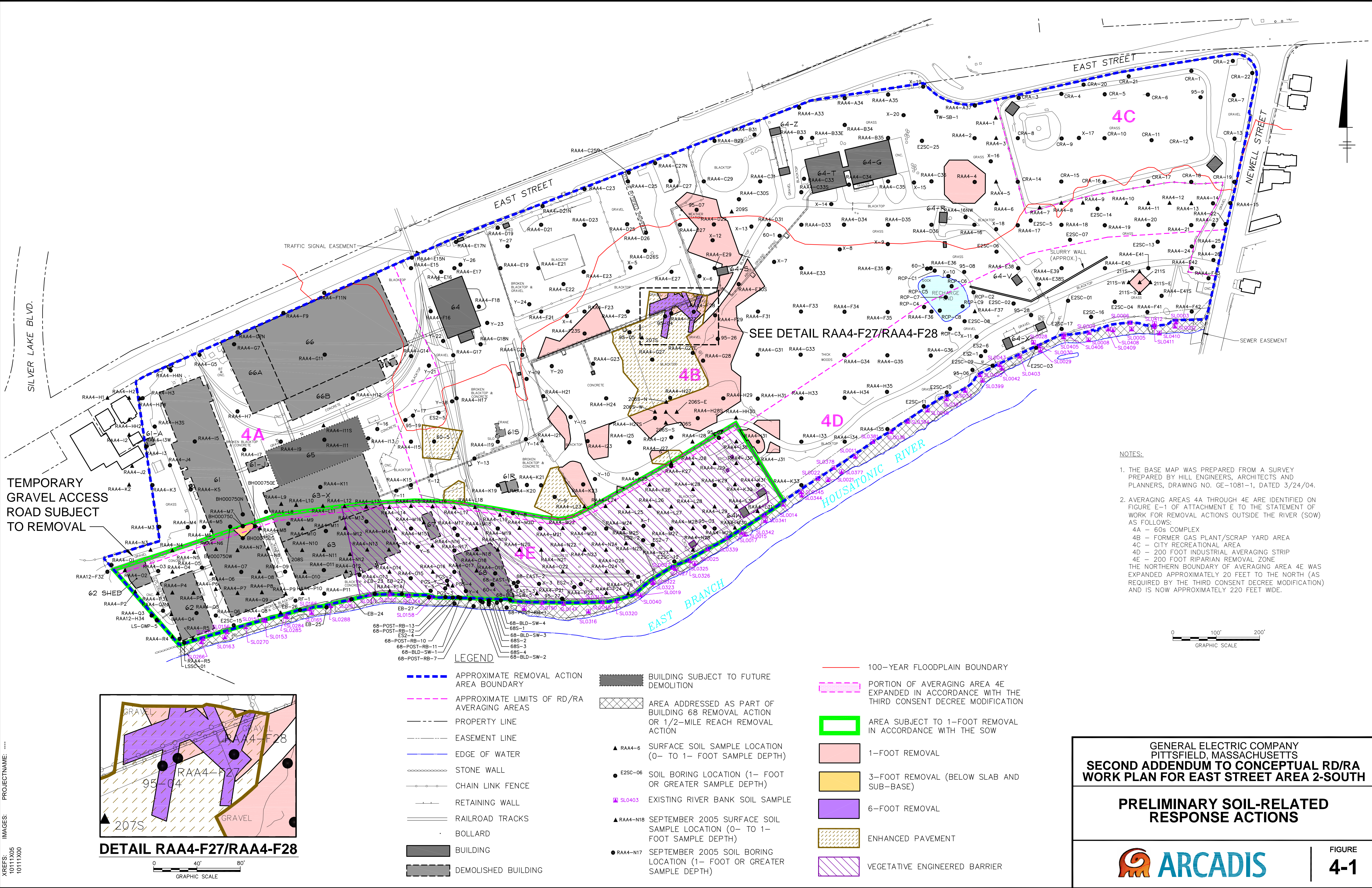
FIGURE  
**A-1**

**Attachment B**

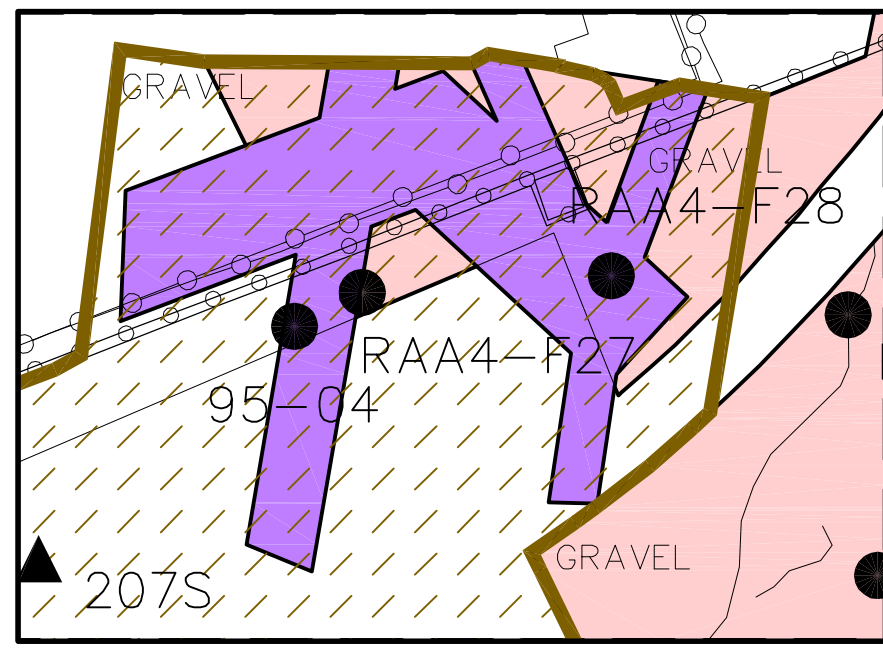
Revised Figure 4-1 – Preliminary  
Soil-Related Response Actions



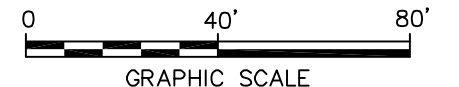
CITY: SYR DIV/GRP: 141 DB: DMW LD: DMW PM: C. AVERILL TM: (Op) Lyr: (Op) ON: "OFF" = REF. G:\GEN\ENVCAD\SYR\ACUSE\ACT\N\B01011100000005\DWG2\ND ADD\10111G29.DWG LAYOUT: 4-1 SAVED: 4/21/2009 8:15 AM ACADVER: 17.05 (LMS TECH) PAGES: 17.05 (LMS TECH) PLOTTED: 4/21/2009 8:15 AM BY: WODARCZYK, DAVID



TEMPORARY GRAVEL ACCESS ROAD SUBJECT TO REMOVAL

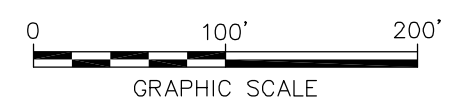


DETAIL RAA4-F27/RAA4-F28



- LEGEND**
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
  - APPROXIMATE LIMITS OF RD/RA AVERAGING AREAS
  - PROPERTY LINE
  - EASEMENT LINE
  - EDGE OF WATER
  - STONE WALL
  - CHAIN LINK FENCE
  - RETAINING WALL
  - RAILROAD TRACKS
  - BOLLARD
  - BUILDING
  - DEMOLISHED BUILDING
  - BUILDING SUBJECT TO FUTURE DEMOLITION
  - AREA ADDRESSED AS PART OF BUILDING 68 REMOVAL ACTION OR 1/2-MILE REACH REMOVAL ACTION
  - ▲ RAA4-6 SURFACE SOIL SAMPLE LOCATION (0- TO 1- FOOT SAMPLE DEPTH)
  - E2SC-06 SOIL BORING LOCATION (1- FOOT OR GREATER SAMPLE DEPTH)
  - ▲ SLO403 EXISTING RIVER BANK SOIL SAMPLE
  - ▲ RAA4-N18 SEPTEMBER 2005 SURFACE SOIL SAMPLE LOCATION (0- TO 1- FOOT SAMPLE DEPTH)
  - RAA4-N17 SEPTEMBER 2005 SOIL BORING LOCATION (1- FOOT OR GREATER SAMPLE DEPTH)
  - 100-YEAR FLOODPLAIN BOUNDARY
  - PORTION OF AVERAGING AREA 4E EXPANDED IN ACCORDANCE WITH THE THIRD CONSENT DECREE MODIFICATION
  - AREA SUBJECT TO 1-FOOT REMOVAL IN ACCORDANCE WITH THE SOW
  - 1-FOOT REMOVAL
  - 3-FOOT REMOVAL (BELOW SLAB AND SUB-BASE)
  - 6-FOOT REMOVAL
  - ENHANCED PAVEMENT
  - VEGETATIVE ENGINEERED BARRIER

- NOTES:**
- THE BASE MAP WAS PREPARED FROM A SURVEY PREPARED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. GE-1081-1, DATED 3/24/04.
  - AVERAGING AREAS 4A THROUGH 4E ARE IDENTIFIED ON FIGURE E-1 OF ATTACHMENT E TO THE STATEMENT OF WORK FOR REMOVAL ACTIONS OUTSIDE THE RIVER (SOW) AS FOLLOWS:
    - 4A - 60s COMPLEX
    - 4B - FORMER GAS PLANT/SCRAP YARD AREA
    - 4C - CITY RECREATIONAL AREA
    - 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP
    - 4E - 200 FOOT RIPARIAN REMOVAL ZONE
 THE NORTHERN BOUNDARY OF AVERAGING AREA 4E WAS EXPANDED APPROXIMATELY 20 FEET TO THE NORTH (AS REQUIRED BY THE THIRD CONSENT DECREE MODIFICATION) AND IS NOW APPROXIMATELY 220 FEET WIDE.



GENERAL ELECTRIC COMPANY  
PITTSFIELD, MASSACHUSETTS  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA  
WORK PLAN FOR EAST STREET AREA 2-SOUTH**

**PRELIMINARY SOIL-RELATED  
RESPONSE ACTIONS**





**Attachment C**

Revised PCB Spatial Averaging  
Evaluation Tables and Polygon  
Maps for Averaging Areas 4A, 4B,  
and 4D

ARCADIS

Averaging Area 4A

**TABLE C-1  
EXISTING CONDITIONS  
AVERAGING AREA 4A - 60s COMPLEX: 0- TO 1-FOOT DEPTH INCREMENT (UNPAVED)**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**0- TO 0.5-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-G5	1854,2385	1,645	0 - 0.5	1.23	30.47	1.23	37.48
RAA4-G7	2386	290	0 - 0.5	3.8	5.37	3.80	20.42
RAA4-H3	1834	2,480	0 - 0.5	50	45.93	50.00	2,296.51
RAA4-H3S	2072	1,347	0 - 0.5	0.125	24.95	0.13	3.12
RAA4-H3W	2031	494	0 - 0.5	6.4	9.15	6.40	58.53
RAA4-I3	1835	844	0 - 0.5	6.5	15.63	6.50	101.58
RAA4-I3W	2032,2458,2465	330	0 - 0.5	15.1	6.12	15.10	92.35
RAA4-J4	2073,2090	2,049	0 - 0.5	53	37.94	53.00	2,010.88
RAA4-K3	1836	3,031	0 - 0.5	0.59	56.14	0.59	33.12
RAA4-K5	1837,2455	2,360	0 - 0.5	18.8	43.70	18.80	821.59
RAA4-M3	1848	2,919	0 - 0.5	0.51	54.05	0.51	27.57
RAA4-M4	2075	1,829	0 - 0.5	9.8	33.87	9.80	331.91
RAA4-M5	1838	1,602	0 - 0.5	4.34	29.66	4.34	128.73
RAA4-M6	2036A	379	0 - 0.5	2.6	7.02	2.60	18.25
RAA4-N3	2451	2,034	0 - 0.5	2.17	37.67	2.17	81.75
RAA4-N4	2453	587	0 - 0.5	1.32	10.87	1.32	14.35
RAA4-N5	2380	41	0 - 0.5	0.017	0.76	0.02	0.01
RAA4-O1	1840	1,031	0 - 0.5	20.55	19.08	20.55	392.17
RAA4-O2	2033	935	0 - 0.5	1.75	17.32	1.75	30.31
I9-8-3-RAA4-J-2	2507	48	0 - 0.5	0.42	0.89	0.42	0.37
I9-8-4-RAA4-HH-2	2573	99	0 - 0.5	0.97	1.84	0.97	1.78
<b>Totals:</b>	--	26,375	--	--	488.43	--	6,502.77
<b>Volume-Weighted Average:</b>							<b>13.31</b>

**0.5- TO 1-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-G5	1706,2213	1,645	0.5 - 1	1.23	30.47	1.23	37.48
RAA4-G7	2215	290	0.5 - 1	3.8	5.37	3.80	20.42
RAA4-H3	1686	2,480	0.5 - 1	50	45.93	50.00	2,296.51
RAA4-H3S	1914	1,347	0.5 - 1	0.125	24.95	0.13	3.12
RAA4-H3W	1873	494	0.5 - 1	6.4	9.15	6.40	58.53
RAA4-I3	1687	844	0.5 - 1	6.5	15.63	6.50	101.58
RAA4-I3W	1874,2288,2295	330	0.5 - 1	15.1	6.12	15.10	92.35
RAA4-J4	1915,1932	2,049	0.5 - 1	53	37.94	53.00	2,010.88
RAA4-K3	1688	3,031	0.5 - 1	0.59	56.14	0.59	33.12
RAA4-K5	1689,2285	2,360	0.5 - 1	18.8	43.70	18.80	821.59
RAA4-M3	1700	2,919	0.5 - 1	0.51	54.05	0.51	27.57
RAA4-M4	1917	1,829	0.5 - 1	9.8	33.87	9.80	331.91
RAA4-M5	1690A	1,602	0.5 - 1	4.34	29.66	4.34	128.73
RAA4-M6	1878	379	0.5 - 1	2.6	7.02	2.60	18.25
RAA4-N3	2281	2,034	0.5 - 1	2.17	37.67	2.17	81.75
RAA4-N4	2283	587	0.5 - 1	1.32	10.87	1.32	14.35
RAA4-N5	1690B	41	0.5 - 1	0.017	0.76	0.02	0.01
RAA4-O1	1692	1,031	0.5 - 1	20.55	19.08	20.55	392.17
RAA4-O2	1875	935	0.5 - 1	1.75	17.32	1.75	30.31
I9-8-3-RAA4-J-2	2321	48	0.5 - 1	0.42	0.89	0.42	0.37
I9-8-4-RAA4-HH-2	2322	99	0.5 - 1	0.97	1.84	0.97	1.78
<b>Totals:</b>	--	26,375	--	--	488.43	--	6,502.77
<b>Volume-Weighted Average:</b>							<b>13.31</b>



**TABLE C-1  
EXISTING CONDITIONS  
AVERAGING AREA 4A - 60s COMPLEX: 0- TO 1-FOOT DEPTH INCREMENT (UNPAVED)**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT (UNPAVED)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
<b>Totals:</b>	--	26,375	0 - 1	--	976.85	--	13,005.53
<b>Volume-Weighted Average:</b>							<b>13.31</b>

Notes:

1. Polygon ID and area based on information shown on Figures C-1 and C-2.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE C-2  
EXISTING CONDITIONS  
AVERAGING AREA 4A - 60s COMPLEX: 0- TO 1-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**0- TO 0.5-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-E15	2358	8,614	0 - 0.5	0.58	159.52	0.58	92.52
RAA4-F16	2357	4,280	0 - 0.5	0.23	79.25	0.23	18.23
RAA4-G5	1854,2384,2385	9,908	0 - 0.5	1.23	183.49	1.23	225.69
RAA4-G7	1858,2386	15,182	0 - 0.5	3.8	281.15	3.80	1,068.37
RAA4-G11	1856	37,334	0 - 0.5	0.32	691.37	0.32	221.24
RAA4-G14	1859	16,025	0 - 0.5	3.6	296.77	3.60	1,068.37
RAA4-H3	1834,2086	6,927	0 - 0.5	50	128.27	50.00	6,413.46
RAA4-H3S	2072,2460,2461,2464	6,490	0 - 0.5	0.125	120.19	0.13	15.02
RAA4-H3W	2031	494	0 - 0.5	6.4	9.15	6.40	58.53
RAA4-H7	1853	18,225	0 - 0.5	0.036	337.49	0.04	12.15
RAA4-H12	2077	13,519	0 - 0.5	1.2	250.35	1.20	300.42
RAA4-I3	1835,2087,2457,2463	1,274	0 - 0.5	6.5	23.60	6.50	153.40
RAA4-I3W	2032,2458,2459,2462,2465	757	0 - 0.5	15.1	14.03	15.10	211.80
RAA4-I5	1857	11,795	0 - 0.5	1.2	218.43	1.20	262.12
RAA4-I7	2071	12,423	0 - 0.5	0.15	230.05	0.15	34.51
RAA4-I9	1852	13,908	0 - 0.5	1.06	257.56	1.06	273.01
RAA4-I11S	1929	15,274	0 - 0.5	3.56	282.86	3.56	1,006.97
RAA4-I15	2350	2,801	0 - 0.5	6.7	51.88	6.70	347.58
RAA4-J4	2073,2088,2090,2359,2456	5,071	0 - 0.5	53	93.91	53.00	4,977.49
RAA4-K3	1836,2089	3,068	0 - 0.5	0.59	56.81	0.59	33.52
RAA4-K5	1837,2378,2455	10,025	0 - 0.5	18.8	185.65	18.80	3,490.17
RAA4-K11	1855	9,948	0 - 0.5	0.11	184.23	0.11	20.26
RAA4-L8	2306	4,885	0 - 0.5	0.12	90.46	0.12	10.85
RAA4-L9	1892	4,819	0 - 0.5	0.61	89.24	0.61	54.44
RAA4-L10	2305	2,899	0 - 0.5	2.8	53.68	2.80	150.31
RAA4-L11	2051	1,578	0 - 0.5	2.15	29.22	2.15	62.82
RAA4-L12	2053	2,831	0 - 0.5	<b>0.01875</b>	52.43	0.02	0.98
RAA4-L13	2054	3,334	0 - 0.5	4.5	61.75	4.50	277.86
RAA4-L14	2055	511	0 - 0.5	186	9.47	186.00	1,761.11
RAA4-L15	2056	845	0 - 0.5	278	15.65	278.00	4,352.04
RAA4-O1	1840	1,031	0 - 0.5	20.55	19.08	20.55	392.17
RAA4-O2	2033	935	0 - 0.5	1.75	17.32	1.75	30.31
Y-11	1956	7,116	0 - 0.5	20.5	131.78	20.50	2,701.58
Y-12	2349	420	0 - 0.5	119	7.77	119.00	924.52
Y-16	1958,2353	12,219	0 - 0.5	<b>0.025</b>	226.28	0.03	5.66
Y-21	1963	2,847	0 - 0.5	0.91	52.73	0.91	47.98
Y-22	2356	172	0 - 0.5	<b>0.0175</b>	3.18	0.02	0.06
I9-8-3-RAA4-J-2	2507	48	0 - 0.5	0.42	0.89	0.42	0.37
I9-8-4-RAA4-HH-2	2573	99	0 - 0.5	0.97	1.84	0.97	1.78
<b>Totals:</b>	--	290,165	--	--	5,373.42	--	32,301.28
<b>Volume-Weighted Average:</b>							<b>6.01</b>

**0.5- TO 1-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-E15	2186	8,614	0.5 - 1	0.58	159.52	0.58	92.52
RAA4-F16	2185	4,280	0.5 - 1	0.23	79.25	0.23	18.23
RAA4-G5	1706,2212,2213	9,908	0.5 - 1	1.23	183.49	1.23	225.69
RAA4-G7	1710,2215	15,182	0.5 - 1	3.8	281.15	3.80	1,068.37
RAA4-G11	1708	37,334	0.5 - 1	0.32	691.37	0.32	221.24
RAA4-G14	1711	16,025	0.5 - 1	3.6	296.77	3.60	1,068.37
RAA4-H3	1686,1928	6,927	0.5 - 1	50	128.27	50.00	6,413.46
RAA4-H3S	1914,2290,2291	6,490	0.5 - 1	0.125	120.18	0.13	15.02
RAA4-H3W	1873	494	0.5 - 1	6.4	9.15	6.40	58.53
RAA4-H7	1705	18,225	0.5 - 1	0.036	337.49	0.04	12.15

**TABLE C-2  
EXISTING CONDITIONS  
AVERAGING AREA 4A - 60s COMPLEX: 0- TO 1-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**0.5- TO 1-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-H12	1919	13,519	0.5 - 1	1.2	250.35	1.20	300.42
RAA4-I3	1687,1929,2287,2293	1,274	0.5 - 1	6.5	23.60	6.50	153.40
RAA4-I3W	1874,2288,2289,2292,2295	757	0.5 - 1	15.1	14.03	15.10	211.80
RAA4-I5	1709	11,795	0.5 - 1	1.2	218.43	1.20	262.12
RAA4-I7	1913	12,423	0.5 - 1	0.15	230.05	0.15	34.51
RAA4-I9	1704	13,908	0.5 - 1	1.06	257.56	1.06	273.01
RAA4-I11S	1781	15,274	0.5 - 1	3.56	282.86	3.56	1,006.97
RAA4-I15	2178	2,801	0.5 - 1	6.7	51.88	6.70	347.58
RAA4-J4	1915,1930,1932,2187,2286	5,071	0.5 - 1	53	93.91	53.00	4,977.49
RAA4-K3	1688,1931	3,068	0.5 - 1	0.59	56.81	0.59	33.52
RAA4-K5	1689,2206,2285	10,025	0.5 - 1	18.8	185.65	18.80	3,490.17
RAA4-K11	1707	9,948	0.5 - 1	0.11	184.23	0.11	20.26
RAA4-L8	1744	4,885	0.5 - 1	0.12	90.46	0.12	10.85
RAA4-L9	1744A	4,819	0.5 - 1	0.61	89.24	0.61	54.44
RAA4-L10	2135	2,899	0.5 - 1	2.8	53.68	2.80	150.31
RAA4-L11	1893	1,578	0.5 - 1	2.15	29.22	2.15	62.82
RAA4-L12	1895	2,831	0.5 - 1	<b>0.01875</b>	52.43	0.02	0.98
RAA4-L13	1896	3,334	0.5 - 1	4.5	61.75	4.50	277.86
RAA4-L14	1897	511	0.5 - 1	186	9.47	186.00	1,761.11
RAA4-L15	1898	845	0.5 - 1	278	15.65	278.00	4,352.04
RAA4-L16	2128	6	0.5 - 1	380	0.11	380.00	40.18
RAA4-M3	1700,2284	2,975	0.5 - 1	0.51	55.09	0.51	28.10
RAA4-M4	1917,2210	3,690	0.5 - 1	9.8	68.33	9.80	669.59
RAA4-M5	1690A,2207,2209	2,917	0.5 - 1	4.34	54.03	4.34	234.47
RAA4-M6	1878,2141	2,277	0.5 - 1	2.6	42.17	2.60	109.65
RAA4-M7	1701	4,418	0.5 - 1	0.033	81.81	0.03	2.70
RAA4-M8	2137	166	0.5 - 1	6.6	3.07	6.60	20.24
RAA4-M9	1726A	9	0.5 - 1	0.193	0.17	0.19	0.03
RAA4-N3	2281	2,034	0.5 - 1	2.17	37.67	2.17	81.75
RAA4-N4	2143,2283	1,425	0.5 - 1	1.32	26.38	1.32	34.82
RAA4-N5	1690B,2208	316	0.5 - 1	<b>0.017</b>	5.84	0.02	0.10
RAA4-O1	1692	1,031	0.5 - 1	20.55	19.08	20.55	392.17
RAA4-O2	1875	935	0.5 - 1	1.75	17.32	1.75	30.31
Y-11	1807	7,116	0.5 - 1	20.5	131.78	20.50	2,701.58
Y-12	2177	420	0.5 - 1	119	7.77	119.00	924.52
Y-16	1809,2181	12,219	0.5 - 1	<b>0.025</b>	226.28	0.03	5.66
Y-21	1814	2,847	0.5 - 1	0.91	52.73	0.91	47.98
Y-22	2184	172	0.5 - 1	<b>0.0175</b>	3.18	0.02	0.06
I9-8-3-RAA4-J-2	2321	48	0.5 - 1	0.42	0.89	0.42	0.37
I9-8-4-RAA4-HH-2	2322	99	0.5 - 1	0.97	1.84	0.97	1.78
<b>Totals:</b>	--	290,165	--	--	5,373.42	--	32,301.28
<b>Volume-Weighted Average:</b>							<b>6.01</b>

**SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
<b>Totals:</b>	--	290,165	0 - 1	--	10,746.84	--	64,602.56
<b>Volume-Weighted Average:</b>							<b>6.01</b>

**Notes:**

1. Polygon ID and area based on information shown on Figures C-1 and C-2.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE C-3  
EXISTING CONDITIONS  
AVERAGING AREA 4A - 60s COMPLEX: 1- TO 6-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**1- TO 2-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
60-5	1457	61	1 - 2	17.7	2.25	17.70	39.86
95-19	1458	2,229	1 - 2	4.8	82.57	4.80	396.31
RAA4-E15	1463	5,703	1 - 2	0.027	211.20	0.03	5.70
RAA4-F9	1190A	7,828	1 - 2	0.44	289.94	0.44	127.57
RAA4-F11N	1190B	11,573	1 - 2	0.027	428.64	0.03	11.57
RAA4-F16	1462	4,238	1 - 2	0.0435	156.95	0.04	6.83
RAA4-G5	1188	6,292	1 - 2	4.5	233.03	4.50	1,048.65
RAA4-G7	1192	10,253	1 - 2	0.018	379.74	0.02	6.84
RAA4-G7N	1192A	2,230	1 - 2	0.089	82.61	0.09	7.35
RAA4-G11	1190	24,509	1 - 2	0.206	907.73	0.21	186.99
RAA4-G14	1193	15,585	1 - 2	1.44	577.24	1.44	831.22
RAA4-H3	1168	4,497	1 - 2	0.127	166.56	0.13	21.15
RAA4-H3S	1343	6,270	1 - 2	50	232.21	50.00	11,610.41
RAA4-H4N	1485A	7,209	1 - 2	2.35	267.01	2.35	627.48
RAA4-H7	1187	18,167	1 - 2	0.018	672.85	0.02	12.11
RAA4-H12	1349	15,169	1 - 2	0.3	561.83	0.30	168.55
RAA4-I3	1169	2,026	1 - 2	2.49	75.04	2.49	186.84
RAA4-I5	1191	11,535	1 - 2	0.102	427.21	0.10	43.58
RAA4-I7	1342	12,500	1 - 2	0.019	462.96	0.02	8.80
RAA4-I9	1186	15,255	1 - 2	0.46	564.98	0.46	259.89
RAA4-I11	1194	14,191	1 - 2	0.018	525.59	0.02	9.46
RAA4-J4	1344	5,073	1 - 2	0.53	187.89	0.53	99.58
RAA4-K3	1170	3,088	1 - 2	0.02	114.38	0.02	2.29
RAA4-K5	1171	10,025	1 - 2	0.205	371.29	0.21	76.12
RAA4-K11	1189	14,302	1 - 2	0.0185	529.71	0.02	9.80
RAA4-K15	1318	3,745	1 - 2	2,000	138.71	2,000.00	277,425.19
RAA4-L8	1227	8,486	1 - 2	0.61	314.31	0.61	191.73
RAA4-M3	1182	4,267	1 - 2	0.0205	158.04	0.02	3.24
RAA4-M4	1346	4,515	1 - 2	0.0185	167.21	0.02	3.09
RAA4-M5	1172	4,884	1 - 2	0.061	180.89	0.06	11.03
RAA4-M7	1183	4,848	1 - 2	0.018	179.54	0.02	3.23
RAA4-M9	1422	1,685	1 - 2	0.1125	62.41	0.11	7.02
RAA4-M13	1420	1,908	1 - 2	120	70.68	120.00	8,481.33
RAA4-O1	1174	2,165	1 - 2	13.6	80.17	13.60	1,090.29
RAA4-O3	1427	1,409	1 - 2	0.043	52.20	0.04	2.24
Y-11	1254	7,891	1 - 2	20.5	292.25	20.50	5,991.19
Y-16	1256	11,535	1 - 2	0.025	427.22	0.03	10.68
Y-21	1261	2,847	1 - 2	0.91	105.46	0.91	95.96
Y-22	1461	172	1 - 2	0.0175	6.36	0.02	0.11
<b>Totals:</b>	--	290,165	--	--	10,746.85	--	309,121.29
<b>Volume-Weighted Average:</b>							<b>28.76</b>

**2- TO 3-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
60-5	1436	61	2 - 3	17.7	2.25	17.70	39.86
95-19	1437	2,048	2 - 3	1.9	75.85	1.90	144.12
RAA4-E15	1442	5,703	2 - 3	0.027	211.20	0.03	5.70
RAA4-F9	1176A	7,828	2 - 3	0.44	289.94	0.44	127.57
RAA4-F11N	1442A	11,573	2 - 3	0.027	428.64	0.03	11.57
RAA4-F16	1441	4,238	2 - 3	0.0435	156.95	0.04	6.83
RAA4-G5	1174	6,292	2 - 3	4.5	233.03	4.50	1,048.65
RAA4-G7	1178	10,253	2 - 3	0.018	379.74	0.02	6.84
RAA4-G7N	1178A	2,230	2 - 3	0.089	82.61	0.09	7.35
RAA4-G11	1176	24,509	2 - 3	0.206	907.73	0.21	186.99
RAA4-G14	1179	15,510	2 - 3	1.44	574.45	1.44	827.21
RAA4-H3	1154	4,497	2 - 3	0.127	166.56	0.13	21.15
RAA4-H3S	1322	6,270	2 - 3	50	232.21	50.00	11,610.41
RAA4-H4N	1154A	7,209	2 - 3	2.35	267.01	2.35	627.48

**TABLE C-3  
EXISTING CONDITIONS  
AVERAGING AREA 4A - 60s COMPLEX: 1- TO 6-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**2- TO 3-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-H7	1173	18,167	2 - 3	0.018	672.85	0.02	12.11
RAA4-H12	1328	15,169	2 - 3	0.3	561.83	0.30	168.55
RAA4-I3	1155	2,026	2 - 3	2.49	75.04	2.49	186.84
RAA4-I5	1177	11,535	2 - 3	0.102	427.21	0.10	43.58
RAA4-I7	1321	12,500	2 - 3	0.019	462.96	0.02	8.80
RAA4-I9	1172	15,255	2 - 3	0.46	564.98	0.46	259.89
RAA4-I11	1180	14,191	2 - 3	0.018	525.59	0.02	9.46
RAA4-J4	1323	5,073	2 - 3	0.53	187.89	0.53	99.58
RAA4-K3	1156	3,088	2 - 3	0.02	114.38	0.02	2.29
RAA4-K5	1157	10,025	2 - 3	0.205	371.29	0.21	76.12
RAA4-K11	1175	14,302	2 - 3	0.0185	529.71	0.02	9.80
RAA4-K15	1297	3,745	2 - 3	2,000	138.71	2,000.00	277,425.19
RAA4-L8	1213	8,486	2 - 3	0.61	314.31	0.61	191.73
RAA4-M3	1168	4,267	2 - 3	0.0205	158.04	0.02	3.24
RAA4-M4	1325	4,515	2 - 3	0.0185	167.21	0.02	3.09
RAA4-M5	1158	4,884	2 - 3	0.061	180.89	0.06	11.03
RAA4-M7	1169	4,848	2 - 3	0.018	179.54	0.02	3.23
RAA4-M9	1402	1,685	2 - 3	0.1125	62.41	0.11	7.02
RAA4-M13	1400	1,908	2 - 3	120	70.68	120.00	8,481.33
RAA4-O1	1160	2,165	2 - 3	13.6	80.17	13.60	1,090.29
RAA4-O3	1407	1,409	2 - 3	0.043	52.20	0.04	2.24
Y-11	1239	7,891	2 - 3	22	292.25	22.00	6,429.57
Y-16	1241	11,535	2 - 3	0.12	427.22	0.12	51.27
Y-17	1438	259	2 - 3	7.3	9.60	7.30	70.11
Y-21	1246	2,844	2 - 3	1.1	105.35	1.10	115.89
Y-22	1440	172	2 - 3	0.025	6.36	0.03	0.16
<b>Totals:</b>	--	290,165	--	--	10,746.85	--	309,434.13
<b>Volume-Weighted Average:</b>							<b>28.79</b>

**3- TO 4-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
60-5	1425	61	3 - 4	17.7	2.25	17.70	39.86
95-19	1426	2,048	3 - 4	1.9	75.85	1.90	144.12
RAA4-E15	1431	5,703	3 - 4	0.027	211.20	0.03	5.70
RAA4-F9	1175A	7,828	3 - 4	0.44	289.94	0.44	127.57
RAA4-F11N	1175B	11,573	3 - 4	0.027	428.64	0.03	11.57
RAA4-F16	1430	4,238	3 - 4	0.0435	156.95	0.04	6.83
RAA4-G5	1173	6,292	3 - 4	4.5	233.03	4.50	1,048.65
RAA4-G7	1177	10,253	3 - 4	0.018	379.74	0.02	6.84
RAA4-G7N	1177A	2,230	3 - 4	0.089	82.61	0.09	7.35
RAA4-G11	1175	24,509	3 - 4	0.206	907.73	0.21	186.99
RAA4-G14	1178	15,510	3 - 4	1.44	574.45	1.44	827.21
RAA4-H3	1153	4,497	3 - 4	0.127	166.56	0.13	21.15
RAA4-H3S	1312	6,270	3 - 4	50	232.21	50.00	11,610.41
RAA4-H4N	1153A	7,209	3 - 4	2.35	267.01	2.35	627.48
RAA4-H7	1172	18,167	3 - 4	0.018	672.85	0.02	12.11
RAA4-H12	1318	15,169	3 - 4	0.3	561.83	0.30	168.55
RAA4-I3	1154	2,026	3 - 4	2.49	75.04	2.49	186.84
RAA4-I5	1176	11,535	3 - 4	0.102	427.21	0.10	43.58
RAA4-I7	1311	12,500	3 - 4	0.019	462.96	0.02	8.80
RAA4-I9	1171	15,255	3 - 4	0.46	564.98	0.46	259.89
RAA4-I11	1179	14,191	3 - 4	0.018	525.59	0.02	9.46
RAA4-J4	1313	5,073	3 - 4	0.53	187.89	0.53	99.58
RAA4-K3	1155	3,088	3 - 4	0.02	114.38	0.02	2.29
RAA4-K5	1156	10,025	3 - 4	0.205	371.29	0.21	76.12
RAA4-K11	1174	14,302	3 - 4	0.0185	529.71	0.02	9.80
RAA4-K15	1296	3,745	3 - 4	2,000	138.71	2,000.00	277,425.19
RAA4-L8	1212	8,486	3 - 4	0.61	314.31	0.61	191.73

**TABLE C-3  
EXISTING CONDITIONS  
AVERAGING AREA 4A - 60s COMPLEX: 1- TO 6-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**3- TO 4-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-M3	1167	4,267	3 - 4	0.0205	158.04	0.02	3.24
RAA4-M4	1315	4,515	3 - 4	0.0185	167.21	0.02	3.09
RAA4-M5	1157	4,884	3 - 4	0.061	180.89	0.06	11.03
RAA4-M7	1168	4,848	3 - 4	0.018	179.54	0.02	3.23
RAA4-M9	1392	1,685	3 - 4	0.0185	62.41	0.02	1.15
RAA4-M13	1390	1,908	3 - 4	0.019	70.68	0.02	1.34
RAA4-O1	1159	2,165	3 - 4	13.6	80.17	13.60	1,090.29
RAA4-O3	1397	1,409	3 - 4	0.020	52.20	0.02	1.04
Y-11	1238	7,891	3 - 4	22	292.25	22.00	6,429.57
Y-16	1240	11,535	3 - 4	0.12	427.22	0.12	51.27
Y-17	1427	259	3 - 4	7.3	9.59	7.30	70.03
Y-21	1245	2,844	3 - 4	1.1	105.35	1.10	115.89
Y-22	1429	172	3 - 4	0.025	6.36	0.03	0.16
<b>Totals:</b>	--	290,165	--	--	10,746.84	--	300,946.98
<b>Volume-Weighted Average:</b>							<b>28.00</b>

**4- TO 5-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
60-5	1408	61	4 - 5	17.7	2.25	17.70	39.86
95-19	1409	2,229	4 - 5	0.66	82.57	0.66	54.49
RAA4-E15	1414	5,703	4 - 5	0.027	211.20	0.03	5.70
RAA4-F9	1160A	7,828	4 - 5	0.44	289.94	0.44	127.57
RAA4-F11N	1160B	11,573	4 - 5	0.027	428.64	0.03	11.57
RAA4-F16	1413	4,238	4 - 5	0.0435	156.95	0.04	6.83
RAA4-G5	1158	6,292	4 - 5	4.5	233.03	4.50	1,048.65
RAA4-G7	1162	10,253	4 - 5	0.018	379.74	0.02	6.84
RAA4-G7N	1162A	2,230	4 - 5	0.089	82.61	0.09	7.35
RAA4-G11	1160	24,509	4 - 5	0.206	907.73	0.21	186.99
RAA4-G14	1163	15,585	4 - 5	1.44	577.24	1.44	831.22
RAA4-H3	1138	4,497	4 - 5	0.127	166.56	0.13	21.15
RAA4-H3S	1296	6,270	4 - 5	50	232.21	50.00	11,610.41
RAA4-H4N	1138A	7,209	4 - 5	2.35	267.01	2.35	627.48
RAA4-H7	1157	18,167	4 - 5	0.018	672.85	0.02	12.11
RAA4-H12	1302	15,169	4 - 5	0.3	561.83	0.30	168.55
RAA4-I3	1139	2,026	4 - 5	2.49	75.04	2.49	186.84
RAA4-I5	1161	11,535	4 - 5	0.102	427.21	0.10	43.58
RAA4-I7	1295	12,500	4 - 5	0.019	462.96	0.02	8.80
RAA4-I9	1156	15,255	4 - 5	0.46	564.98	0.46	259.89
RAA4-I11	1164	14,191	4 - 5	0.018	525.59	0.02	9.46
RAA4-J4	1297	5,073	4 - 5	0.53	187.89	0.53	99.58
RAA4-K3	1140	3,088	4 - 5	0.02	114.38	0.02	2.29
RAA4-K5	1141	10,025	4 - 5	0.205	371.29	0.21	76.12
RAA4-K11	1159	14,302	4 - 5	0.0185	529.71	0.02	9.80
RAA4-K15	1279	3,745	4 - 5	2.000	138.71	2,000.00	277,425.19
RAA4-L8	1197	8,486	4 - 5	0.61	314.31	0.61	191.73
RAA4-M3	1152	4,267	4 - 5	0.0205	158.04	0.02	3.24
RAA4-M4	1299	4,515	4 - 5	0.0185	167.21	0.02	3.09
RAA4-M5	1142	4,884	4 - 5	0.061	180.89	0.06	11.03
RAA4-M7	1153	4,848	4 - 5	0.018	179.54	0.02	3.23
RAA4-M9	1377	1,685	4 - 5	0.0185	62.41	0.02	1.15
RAA4-M13	1375	1,908	4 - 5	0.019	70.68	0.02	1.34
RAA4-O1	1144	2,165	4 - 5	13.6	80.17	13.60	1,090.29
RAA4-O3	1382	1,409	4 - 5	0.020	52.20	0.02	1.04
Y-11	1223	7,891	4 - 5	34	292.25	34.00	9,936.61
Y-16	1225	11,535	4 - 5	0.07	427.22	0.07	29.91
Y-21	1230	2,847	4 - 5	0.26	105.46	0.26	27.42
Y-22	1412	172	4 - 5	0.025	6.36	0.03	0.16
<b>Totals:</b>	--	290,165	--	--	10,746.85	--	304,188.56
<b>Volume-Weighted Average:</b>							<b>28.30</b>

**TABLE C-3  
EXISTING CONDITIONS  
AVERAGING AREA 4A - 60s COMPLEX: 1- TO 6-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**5- TO 6-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
60-5	1419	61	5 - 6	17.7	2.25	17.70	39.86
95-19	1420	2,229	5 - 6	0.66	82.57	0.66	54.49
RAA4-E15	1425	5,703	5 - 6	0.027	211.20	0.03	5.70
RAA4-F9	1169A	7,828	5 - 6	0.44	289.94	0.44	127.57
RAA4-F11N	1169B	11,573	5 - 6	0.027	428.64	0.03	11.57
RAA4-F16	1424	4,238	5 - 6	0.0435	156.95	0.04	6.83
RAA4-G5	1167	6,292	5 - 6	4.5	233.03	4.50	1,048.65
RAA4-G7	1171	10,253	5 - 6	<b>0.018</b>	379.74	0.02	6.84
RAA4-G7N	1171A	2,230	5 - 6	0.089	82.61	0.09	7.35
RAA4-G11	1169	24,509	5 - 6	0.206	907.73	0.21	186.99
RAA4-G14	1172	15,585	5 - 6	1.44	577.24	1.44	831.22
RAA4-H3	1147	4,497	5 - 6	0.127	166.56	0.13	21.15
RAA4-H3S	1305	6,270	5 - 6	50	232.21	50.00	11,610.41
RAA4-H4N	1147A	7,209	5 - 6	2.35	267.01	2.35	627.48
RAA4-H7	1166	18,167	5 - 6	<b>0.018</b>	672.85	0.02	12.11
RAA4-H12	1311	15,169	5 - 6	0.3	561.83	0.30	168.55
RAA4-I3	1148	2,026	5 - 6	2.49	75.04	2.49	186.84
RAA4-I5	1170	11,535	5 - 6	0.102	427.21	0.10	43.58
RAA4-I7	1304	12,500	5 - 6	<b>0.019</b>	462.96	0.02	8.80
RAA4-I9	1165	15,255	5 - 6	0.46	564.98	0.46	259.89
RAA4-I11	1173	14,191	5 - 6	<b>0.018</b>	525.59	0.02	9.46
RAA4-J4	1306	5,073	5 - 6	0.53	187.89	0.53	99.58
RAA4-K3	1149	3,088	5 - 6	<b>0.02</b>	114.38	0.02	2.29
RAA4-K5	1150	10,025	5 - 6	0.205	371.29	0.21	76.12
RAA4-K11	1168	14,302	5 - 6	<b>0.0185</b>	529.71	0.02	9.80
RAA4-K15	1288	3,745	5 - 6	2,000	138.71	2,000.00	277,425.19
RAA4-L8	1206	8,486	5 - 6	0.61	314.31	0.61	191.73
RAA4-M3	1161	4,267	5 - 6	<b>0.0205</b>	158.04	0.02	3.24
RAA4-M4	1308	4,515	5 - 6	<b>0.0185</b>	167.21	0.02	3.09
RAA4-M5	1151	4,884	5 - 6	0.061	180.89	0.06	11.03
RAA4-M7	1162	4,848	5 - 6	<b>0.018</b>	179.54	0.02	3.23
RAA4-M9	1388	1,685	5 - 6	<b>0.0185</b>	62.41	0.02	1.15
RAA4-M13	1386	1,908	5 - 6	<b>0.019</b>	70.68	0.02	1.34
RAA4-O1	1153	2,165	5 - 6	13.6	80.17	13.60	1,090.29
RAA-O3	1393	1,409	5 - 6	0.020	52.20	0.02	1.04
Y-11	1232	7,891	5 - 6	34	292.25	34.00	9,936.61
Y-16	1234	11,535	5 - 6	0.07	427.22	0.07	29.91
Y-21	1239	2,847	5 - 6	0.26	105.46	0.26	27.42
Y-22	1423	172	5 - 6	<b>0.025</b>	6.36	0.03	0.16
<b>Totals:</b>	--	290,165	--	--	10,746.85	--	304,188.56
<b>Volume-Weighted Average:</b>							<b>28.30</b>

**SUMMARY: 1- TO 6-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
<b>Totals:</b>	--	290,165	1 - 6	--	53,734.24	--	1,527,879.51
<b>Volume-Weighted Average:</b>							<b>28.43</b>

**Notes:**

1. Polygon ID and area based on information shown on Figures C-3 through C-7.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE C-4  
EXISTING CONDITIONS  
AVERAGING AREA 4A - 60s COMPLEX: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT (TABLE C-2)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	290,165	0 - 1	--	10,746.84	--	64,602.56
<b>Volume-Weighted Average:</b>							<b>6.01</b>

**SUMMARY: 1- TO 6-FOOT DEPTH INCREMENT (TABLE C-3)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	290,165	1 - 6	--	53,734.24	--	1,527,879.51
<b>Volume-Weighted Average:</b>							<b>28.43</b>

**6- TO 8-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
60-5	1373	137	6 - 8	6.8	10.14	6.80	68.97
95-19	1372	2,594	6 - 8	0.22	192.14	0.22	42.27
RAA4-E15	1355	10,388	6 - 8	<b>0.018</b>	769.50	0.02	13.85
RAA4-G5	1110	9,912	6 - 8	<b>0.0225</b>	734.24	0.02	16.52
RAA4-G7	1114	15,182	6 - 8	<b>0.021</b>	1,124.60	0.02	23.62
RAA4-G11	1112	43,339	6 - 8	<b>0.018</b>	3,210.28	0.02	57.79
RAA4-G14	1115	19,337	6 - 8	2.68	1,432.35	2.68	3,838.70
RAA4-H3	1090	10,058	6 - 8	<b>0.0215</b>	745.02	0.02	16.02
RAA4-H7	1109	20,801	6 - 8	<b>0.02</b>	1,540.79	0.02	30.82
RAA4-I3	1091	5,713	6 - 8	<b>0.019</b>	423.16	0.02	8.04
RAA4-I5	1113	17,150	6 - 8	<b>0.023</b>	1,270.34	0.02	29.22
RAA4-I9	1108	19,767	6 - 8	0.101	1,464.23	0.10	147.89
RAA4-I11	1116	15,435	6 - 8	<b>0.0195</b>	1,143.32	0.02	22.29
RAA4-I13	1089	9,521	6 - 8	0.152	705.25	0.15	107.20
RAA4-K3	1092	4,506	6 - 8	<b>0.022</b>	333.79	0.02	7.34
RAA4-K5	1093	12,623	6 - 8	0.037	935.05	0.04	34.60
RAA4-K11	1111	13,968	6 - 8	<b>0.0205</b>	1,034.69	0.02	21.21
RAA4-L8	1151	10,210	6 - 8	<b>0.0205</b>	756.28	0.02	15.50
RAA4-M3	1105	5,909	6 - 8	<b>0.022</b>	437.71	0.02	9.63
RAA4-M5	1094	7,396	6 - 8	<b>0.02</b>	547.87	0.02	10.96
RAA4-M7	1106	4,884	6 - 8	<b>0.02</b>	361.76	0.02	7.24
RAA4-M9	1296	1,685	6 - 8	<b>0.019</b>	124.82	0.02	2.37
RAA4-M13	1294	1,908	6 - 8	0.03	141.36	0.03	4.24
RAA4-O1	1096	2,165	6 - 8	<b>0.0225</b>	160.34	0.02	3.61
RAA4-O3	1301	1,411	6 - 8	0.025	104.51	0.03	2.61
RAA4-O5	1095A	6	6 - 8	<b>0.9255</b>	0.47	0.93	0.44
Y-11	1181	9,832	6 - 8	21.2	728.33	21.20	15,440.65
Y-12	1374	802	6 - 8	0.38	59.43	0.38	22.58
Y-16	1183	10,165	6 - 8	<b>0.025</b>	752.98	0.03	18.82
Y-21	1188	2,847	6 - 8	<b>0.025</b>	210.91	0.03	5.27
Y-22	1369	514	6 - 8	<b>0.025</b>	38.05	0.03	0.95
Totals:	--	290,165	--	--	21,493.70	--	20,031.21
<b>Volume-Weighted Average:</b>							<b>0.93</b>

**8- TO 10-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
60-5	1387	137	8 - 10	6.8	10.14	6.80	68.97
95-19	1386	2,594	8 - 10	0.98	192.14	0.98	188.30
RAA4-E15	1369	10,388	8 - 10	<b>0.018</b>	769.50	0.02	13.85
RAA4-G5	1120	9,912	8 - 10	<b>0.0225</b>	734.24	0.02	16.52
RAA4-G7	1124	15,182	8 - 10	<b>0.021</b>	1,124.60	0.02	23.62
RAA4-G11	1122	43,339	8 - 10	<b>0.018</b>	3,210.28	0.02	57.79
RAA4-G14	1125	19,337	8 - 10	2.68	1,432.35	2.68	3,838.70



**TABLE C-4  
EXISTING CONDITIONS  
AVERAGING AREA 4A - 60s COMPLEX: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**8- TO 10-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-H3	1100	10,058	8 - 10	0.0215	745.02	0.02	16.02
RAA4-H7	1119	20,801	8 - 10	0.02	1,540.79	0.02	30.82
RAA4-I3	1101	5,713	8 - 10	0.019	423.16	0.02	8.04
RAA4-I5	1123	17,150	8 - 10	0.023	1,270.34	0.02	29.22
RAA4-I9	1118	19,767	8 - 10	0.101	1,464.23	0.10	147.89
RAA4-I11	1126	15,435	8 - 10	0.0195	1,143.32	0.02	22.29
RAA4-I13	1099	9,521	8 - 10	0.152	705.25	0.15	107.20
RAA4-K3	1102	4,506	8 - 10	0.022	333.79	0.02	7.34
RAA4-K5	1103	12,623	8 - 10	0.037	935.05	0.04	34.60
RAA4-K11	1121	13,968	8 - 10	0.0205	1,034.69	0.02	21.21
RAA4-L8	1161	10,210	8 - 10	0.0205	756.28	0.02	15.50
RAA4-M3	1115	5,909	8 - 10	0.022	437.71	0.02	9.63
RAA4-M5	1104	7,396	8 - 10	0.02	547.87	0.02	10.96
RAA4-M7	1116	4,884	8 - 10	0.02	361.76	0.02	7.24
RAA4-M9	1311	1,685	8 - 10	0.019	124.82	0.02	2.37
RAA4-M13	1309	1,908	8 - 10	0.03	141.36	0.03	4.24
RAA4-O1	1106	2,165	8 - 10	0.0225	160.34	0.02	3.61
RAA4-O3	1316	1,411	8 - 10	0.025	104.51	0.03	2.61
RAA4-O5	1315	6	8 - 10	0.9255	0.47	0.93	0.44
Y-11	1192	9,832	8 - 10	9.5	728.33	9.50	6,919.16
Y-12	1388	802	8 - 10	1.6	59.43	1.60	95.09
Y-16	1194	10,165	8 - 10	0.08	752.98	0.08	60.24
Y-21	1199	2,847	8 - 10	0.025	210.91	0.03	5.27
Y-22	1383	514	8 - 10	0.025	38.05	0.03	0.95
<b>Totals:</b>	--	290,165	--	--	21,493.70	--	11,769.67
<b>Volume-Weighted Average:</b>							<b>0.55</b>

**10- TO 12-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
60-5	1316	140	10 - 12	6.8	10.39	6.80	70.64
95-19	1314	5,435	10 - 12	0.21	402.60	0.21	84.55
RAA4-E15	1300	10,401	10 - 12	0.018	770.41	0.02	13.87
RAA4-G5	1073	9,912	10 - 12	0.0225	734.24	0.02	16.52
RAA4-G7	1077	15,182	10 - 12	0.021	1,124.60	0.02	23.62
RAA4-G11	1075	43,729	10 - 12	0.018	3,239.17	0.02	58.31
RAA4-G14	1078	19,951	10 - 12	2.68	1,477.86	2.68	3,960.66
RAA4-H3	1053	10,058	10 - 12	0.0215	745.02	0.02	16.02
RAA4-H7	1072	20,801	10 - 12	0.02	1,540.79	0.02	30.82
RAA4-I3	1054	5,713	10 - 12	0.019	423.16	0.02	8.04
RAA4-I5	1076	17,150	10 - 12	0.023	1,270.34	0.02	29.22
RAA4-I9	1071	19,767	10 - 12	0.101	1,464.23	0.10	147.89
RAA4-I11	1079	15,477	10 - 12	0.0195	1,146.41	0.02	22.36
RAA4-I13	1052	18,482	10 - 12	0.152	1,369.02	0.15	208.09
RAA4-K3	1055	4,506	10 - 12	0.022	333.79	0.02	7.34
RAA4-K5	1056	12,623	10 - 12	0.037	935.05	0.04	34.60
RAA4-K11	1074	14,021	10 - 12	0.0205	1,038.62	0.02	21.29
RAA4-L8	1114	10,210	10 - 12	0.0205	756.28	0.02	15.50
RAA4-M3	1068	5,909	10 - 12	0.022	437.71	0.02	9.63
RAA4-M5	1057	7,396	10 - 12	0.02	547.87	0.02	10.96
RAA4-M7	1069	4,884	10 - 12	0.02	361.76	0.02	7.24
RAA4-M9	1244	1,685	10 - 12	0.019	124.82	0.02	2.37
RAA4-M13	1242	4,846	10 - 12	0.03	358.97	0.03	10.77
RAA4-M15	1241	678	10 - 12	0.014	50.25	0.01	0.70
RAA4-O1	1059	2,165	10 - 12	0.0225	160.34	0.02	3.61
RAA4-O3	1249	1,411	10 - 12	0.025	104.51	0.03	2.61
RAA4-O5	1248	6	10 - 12	0.9255	0.47	0.93	0.44
Y-12	1317	4,767	10 - 12	0.025	353.10	0.03	8.83
Y-21	1142	2,861	10 - 12	0.025	211.93	0.03	5.30
<b>Totals:</b>	--	290,165	--	--	21,493.70	--	4,831.78
<b>Volume-Weighted Average:</b>							<b>0.22</b>

**TABLE C-4  
EXISTING CONDITIONS  
AVERAGING AREA 4A - 60s COMPLEX: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**12- TO 14-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
60-5	1262	140	12 - 14	6.8	10.39	6.80	70.64
95-19	1261	6,499	12 - 14	0.15	481.38	0.15	72.21
RAA4-E15	1248	12,371	12 - 14	0.018	916.40	0.02	16.50
RAA4-G5	1039	9,912	12 - 14	0.0225	734.24	0.02	16.52
RAA4-G7	1043	15,182	12 - 14	0.021	1,124.60	0.02	23.62
RAA4-G11	1041	46,978	12 - 14	0.018	3,479.82	0.02	62.64
RAA4-H3	1019	10,058	12 - 14	0.0215	745.02	0.02	16.02
RAA4-H7	1038	20,801	12 - 14	0.02	1,540.79	0.02	30.82
RAA4-I3	1020	5,713	12 - 14	0.019	423.16	0.02	8.04
RAA4-I5	1042	17,150	12 - 14	0.023	1,270.34	0.02	29.22
RAA4-I9	1037	19,767	12 - 14	0.101	1,464.23	0.10	147.89
RAA4-I11	1044	15,477	12 - 14	0.0195	1,146.41	0.02	22.36
RAA4-I13	1018	18,482	12 - 14	0.152	1,369.02	0.15	208.09
RAA4-K3	1021	4,506	12 - 14	0.022	333.79	0.02	7.34
RAA4-K5	1022	12,623	12 - 14	0.037	935.05	0.04	34.60
RAA4-K11	1040	14,021	12 - 14	0.0205	1,038.62	0.02	21.29
RAA4-L8	1079	10,210	12 - 14	0.0205	756.28	0.02	15.50
RAA4-M3	1034	5,909	12 - 14	0.022	437.71	0.02	9.63
RAA4-M5	1023	7,396	12 - 14	0.02	547.87	0.02	10.96
RAA4-M7	1035	4,884	12 - 14	0.02	361.76	0.02	7.24
RAA4-M9	1197	1,685	12 - 14	0.019	124.82	0.02	2.37
RAA4-M13	1195	4,846	12 - 14	0.03	358.97	0.03	10.77
RAA4-M15	1194	678	12 - 14	0.014	50.25	0.01	0.70
RAA4-O1	1025	2,165	12 - 14	0.0225	160.34	0.02	3.61
RAA4-O3	1202	1,411	12 - 14	0.025	104.51	0.03	2.61
RAA4-O5	1201	6	12 - 14	0.9255	0.47	0.93	0.44
Y-12	1263	4,767	12 - 14	1.1	353.10	1.10	388.41
Y-21	1100	16,529	12 - 14	0.325	1,224.37	0.33	397.92
<b>Totals:</b>	--	290,165	--	--	21,493.70	--	1,637.94
<b>Volume-Weighted Average:</b>							<b>0.08</b>

**14- TO 15-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
60-5	1195	140	14 - 15	6.8	5.19	6.80	35.32
95-19	1196	6,499	14 - 15	0.072	240.69	0.07	17.33
RAA4-E15	1198	12,371	14 - 15	0.018	458.20	0.02	8.25
RAA4-G5	1017	9,912	14 - 15	0.0225	367.12	0.02	8.26
RAA4-G7	1021	15,182	14 - 15	0.021	562.30	0.02	11.81
RAA4-G11	1019	46,978	14 - 15	0.018	1,739.91	0.02	31.32
RAA4-H3	997	10,058	14 - 15	0.0215	372.51	0.02	8.01
RAA4-H7	1016	20,801	14 - 15	0.02	770.39	0.02	15.41
RAA4-I3	998	5,713	14 - 15	0.019	211.58	0.02	4.02
RAA4-I5	1020	17,150	14 - 15	0.023	635.17	0.02	14.61
RAA4-I9	1015	19,767	14 - 15	0.101	732.11	0.10	73.94
RAA4-I11	1022	15,477	14 - 15	0.0195	573.21	0.02	11.18
RAA4-I13	996	18,482	14 - 15	0.152	684.51	0.15	104.05
RAA4-K3	999	4,506	14 - 15	0.022	166.89	0.02	3.67
RAA4-K5	1000	12,623	14 - 15	0.037	467.52	0.04	17.30
RAA4-K11	1018	14,021	14 - 15	0.0205	519.31	0.02	10.65
RAA4-L8	1057	10,210	14 - 15	0.0205	378.14	0.02	7.75
RAA4-M3	1012	5,909	14 - 15	0.022	218.85	0.02	4.81
RAA4-M5	1001	7,396	14 - 15	0.02	273.93	0.02	5.48
RAA4-M7	1013	4,884	14 - 15	0.02	180.88	0.02	3.62
RAA4-M9	1164	1,685	14 - 15	0.019	62.41	0.02	1.19
RAA4-M13	1162	4,846	14 - 15	0.03	179.49	0.03	5.38
RAA4-M15	1161	678	14 - 15	0.014	25.13	0.01	0.35

**TABLE C-4  
EXISTING CONDITIONS  
AVERAGING AREA 4A - 60s COMPLEX: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**14- TO 15-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-O1	1003	2,165	14 - 15	<b>0.0225</b>	80.17	0.02	1.80
RAA4-O3	1169	1,411	14 - 15	0.025	52.25	0.03	1.31
RAA4-O5	1001A	6	14 - 15	0.9255	0.24	0.93	0.22
Y-12	1194	4,767	14 - 15	10.5	176.55	10.50	1,853.78
Y-21	1075	16,529	14 - 15	<b>0.025</b>	612.18	0.03	15.30
<b>Totals:</b>	--	290,165	--	--	10,746.85	--	2,276.11
<b>Volume-Weighted Average:</b>							<b>0.21</b>

**SUMMARY: 0- TO 15-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
<b>Totals:</b>	--	290,165	0 - 15	--	161,202.73	--	1,633,028.78
<b>Volume-Weighted Average:</b>							<b>10.13</b>

**Notes:**

1. Polygon ID and area based on information shown on Figures C-8 through C-12.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

ARCADIS

Averaging Area 4B

**TABLE C-5  
EXISTING CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 1-FOOT DEPTH INCREMENT (UNPAVED)**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**0- TO 0.5-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
206S	1780	2,877	0 - 0.5	310	53.28	310.00	16,518.29
207S	2169	699	0 - 0.5	1.8	12.95	1.80	23.32
209S	1781,1781A	3,705	0 - 0.5	3.8	68.60	3.80	260.69
60-1	2029,2136*	5,003	0 - 0.5	34	92.65	34.00	3,150.08
95-02	1989,1989A,1989B,2114,2114B	357	0 - 0.5	3.5	6.61	3.50	23.12
95-04	2017,2017A	2,463	0 - 0.5	3.8	45.61	3.80	173.33
95-07	1988,2189*	4,731	0 - 0.5	3,100	87.62	3,100.00	271,617.98
95-08	1968	4,831	0 - 0.5	0.65	89.46	0.65	58.15
95-26	1967	5,927	0 - 0.5	330	109.75	330.00	36,218.17
CRA-3	1889B	7	0 - 0.5	<b>0.23</b>	0.12	0.23	0.03
CRA-8	2528	115	0 - 0.5	1.1	2.12	1.10	2.33
CRA-14	2516	1,955	0 - 0.5	1.81	36.21	1.81	65.54
CRA-16	2518	286	0 - 0.5	0.89	5.29	0.89	4.71
CRA-17	2519	1,056	0 - 0.5	42	19.56	42.00	821.67
CRA-18	2520	1,591	0 - 0.5	0.32	29.46	0.32	9.43
CRA-19	1757	193	0 - 0.5	0.38	3.58	0.38	1.36
E2SC-05	1933	3,263	0 - 0.5	1.6	60.42	1.60	96.67
E2SC-06	1980,2152*,2541	4,931	0 - 0.5	0.59	91.32	0.59	53.88
E2SC-07	2012	3,035	0 - 0.5	0.79	56.21	0.79	44.41
E2SC-13	2324	548	0 - 0.5	0.21	10.15	0.21	2.13
E2SC-14	1932	2,620	0 - 0.5	0.6	48.52	0.60	29.11
E2SC-25	1993,2525*	8,070	0 - 0.5	3.1	149.45	3.10	463.30
RAA4-2	1770A	6,593	0 - 0.5	1.4	122.09	1.40	170.92
RAA4-3	1759A	3,363	0 - 0.5	0.68	62.28	0.68	42.35
RAA4-4	1771,2533*	8,218	0 - 0.5	500	152.19	500.00	76,093.33
RAA4-5	1760	2,508	0 - 0.5	9.4	46.45	9.40	436.65
RAA4-6	1761	3,914	0 - 0.5	14	72.47	14.00	1,014.62
RAA4-7	2517,2644	978	0 - 0.5	1.28	18.11	1.28	23.18
RAA4-8	1762	1,237	0 - 0.5	4.45	22.91	4.45	101.93
RAA4-9	1763	2,015	0 - 0.5	1.64	37.32	1.64	61.21
RAA4-10	1764	3,831	0 - 0.5	3.9	70.95	3.90	276.72
RAA4-11	1765	2,490	0 - 0.5	5	46.11	5.00	230.54
RAA4-12	1766	3,674	0 - 0.5	7.9	68.04	7.90	537.54
RAA4-13	1767	2,491	0 - 0.5	0.79	46.14	0.79	36.45
RAA4-14	1768	2,210	0 - 0.5	1.7	40.93	1.70	69.58
RAA4-16	1772,2146*,2149,2532	6,955	0 - 0.5	<b>0.6</b>	128.79	0.60	77.27
RAA4-17	1773	3,587	0 - 0.5	10.1	66.42	10.10	670.88
RAA4-18	1774	3,467	0 - 0.5	1.96	64.20	1.96	125.82
RAA4-19	1775	4,204	0 - 0.5	2.2	77.85	2.20	171.28
RAA4-20	1776	3,612	0 - 0.5	1.93	66.88	1.93	129.08
RAA4-21	1777	2,662	0 - 0.5	<b>0.0195</b>	49.29	0.02	0.96
RAA4-23	1756	314	0 - 0.5	38	5.82	38.00	221.27
RAA4-A33	1887	4,309	0 - 0.5	1.07	79.80	1.07	85.38
RAA4-A34	1797	3,840	0 - 0.5	0.4	71.11	0.40	28.44
RAA4-A35	1796	4,345	0 - 0.5	0.67	80.45	0.67	53.90
RAA4-A37	1889A	3,885	0 - 0.5	0.3	71.94	0.30	21.58
RAA4-B29	1825,2191*,2193*	5,988	0 - 0.5	1.4	110.89	1.40	155.25
RAA4-B31	1814,2192*,2197,2259	7,796	0 - 0.5	12.4	144.36	12.40	1,790.08
RAA4-B33	1813,2435,2522*,2524*	8,818	0 - 0.5	0.67	163.29	0.67	109.41
RAA4-B34	1798,2523*	8,842	0 - 0.5	1.1	163.73	1.10	180.11
RAA4-B35	1795,2526*	5,427	0 - 0.5	1.2	100.50	1.20	120.61
RAA4-C23	1872,2402*,2441,2442*	4,870	0 - 0.5	0.35	90.18	0.35	31.56
RAA4-C25	1868,2645*	7,196	0 - 0.5	0.12	133.26	0.12	15.99
RAA4-C27	1826,2165*,2646	9,504	0 - 0.5	18.675	176.00	18.68	3,286.75
RAA4-C29	1824,2190*,2194*	7,299	0 - 0.5	0.283	135.17	0.28	38.25
RAA4-C30S	2082,2195*	4,591	0 - 0.5	2.5	85.01	2.50	212.53
RAA4-C31	1815,2196*,2198*,2262	9,059	0 - 0.5	21.3	167.76	21.30	3,573.23
RAA4-C33	1812,2260,2432*,2434*,2529*	3,201	0 - 0.5	31	59.28	31.00	1,837.66

**TABLE C-5  
EXISTING CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 1-FOOT DEPTH INCREMENT (UNPAVED)**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**0- TO 0.5-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-C33S	2066*,2138,2430,2531	4,592	0 - 0.5	1.97	85.04	1.97	167.53
RAA4-C34	2426*,2427,2438,2530*,2535*,2535A	3,667	0 - 0.5	0.56	67.91	0.56	38.03
RAA4-C35	1794,2141*,2142,2527*,2536	6,207	0 - 0.5	1.9	114.95	1.90	218.41
RAA4-D19	1869	5,332	0 - 0.5	0.51	98.75	0.51	50.36
RAA4-D21	1867,2400*,2401*	9,556	0 - 0.5	0.083	176.96	0.08	14.69
RAA4-D23	1830,2397*,2403*	11,076	0 - 0.5	0.06	205.12	0.06	12.31
RAA4-D25	1873	9,321	0 - 0.5	0.146	172.62	0.15	25.20
RAA4-D26S	2080,2540*,2553*	5,547	0 - 0.5	0.019	102.73	0.02	1.95
RAA4-D27	1884,2188*,2538	7,520	0 - 0.5	1.32	139.26	1.32	183.83
RAA4-D33	1811,2137	6,077	0 - 0.5	2.72	112.54	2.72	306.10
RAA4-D34	1800,2140*	6,571	0 - 0.5	13.9	121.69	13.90	1,691.52
RAA4-D36	1787,2145*,2147*,2203*,2539	10,584	0 - 0.5	2.4	195.99	2.40	470.39
RAA4-E19	1870	4,673	0 - 0.5	2.3	86.54	2.30	199.04
RAA4-E21	1871,2399*	7,759	0 - 0.5	0.028	143.69	0.03	4.02
RAA4-E22	2059,2398*,2564*	10,276	0 - 0.5	1.17	190.30	1.17	222.65
RAA4-E27	1885,2183*,2187,2551	7,253	0 - 0.5	69.5	134.32	69.50	9,335.19
RAA4-E30S	2081,2199,2201	5,983	0 - 0.5	196	110.79	196.00	21,715.75
RAA4-E33	1810	8,407	0 - 0.5	49	155.69	49.00	7,628.81
RAA4-E35	1793	9,005	0 - 0.5	69	166.75	69.00	11,505.75
RAA4-E38	2153*,2154,2330	1,441	0 - 0.5	0.36	26.69	0.36	9.61
RAA4-E39	2328	125	0 - 0.5	0.16	2.32	0.16	0.37
RAA4-F23S	2060	5,043	0 - 0.5	220	93.39	220.00	20,545.68
RAA4-F25	1890,2180*,2554	9,166	0 - 0.5	1.5	169.74	1.50	254.62
RAA4-F27	1886	2,185	0 - 0.5	1,400	40.46	1,400.00	56,645.30
RAA4-F28	2065,2130,2186*	3,016	0 - 0.5	550	55.85	550.00	30,718.01
RAA4-F29	1823,2166	3,902	0 - 0.5	340	72.26	340.00	24,567.90
RAA4-F31	1816	8,815	0 - 0.5	0.7	163.25	0.70	114.27
RAA4-F33	1809	9,935	0 - 0.5	4.1	183.99	4.10	754.34
RAA4-F34	1801	11,717	0 - 0.5	1.38	216.99	1.38	299.44
RAA4-F35	1792	7,840	0 - 0.5	1.3	145.18	1.30	188.74
RAA4-G20	2061A*,2061B*,2174,2395	4,738	0 - 0.5	29	87.74	29.00	2,544.36
RAA4-G28	2063	4,472	0 - 0.5	1,720	82.81	1,720.00	142,425.56
RAA4-G31	1817	9,946	0 - 0.5	1.8	184.19	1.80	331.55
RAA4-G33	1808	9,946	0 - 0.5	1.63	184.19	1.63	300.23
RAA4-G34	1802	5,738	0 - 0.5	3.4	106.26	3.40	361.30
RAA4-G35	2343	369	0 - 0.5	0.26	6.83	0.26	1.77
RAA4-H21	1831	3,642	0 - 0.5	7.4	67.44	7.40	499.06
RAA4-H24	2122	24	0 - 0.5	400	0.44	400.00	177.85
RAA4-H27S	2064	3,303	0 - 0.5	2,240	61.16	2,240.00	137,000.06
RAA4-H28S	2084	5,100	0 - 0.5	172	94.45	172.00	16,245.78
RAA4-H29	1822	6,480	0 - 0.5	1,300	120.01	1,300.00	156,007.22
RAA4-H31	1818	6,744	0 - 0.5	0.87	124.90	0.87	108.66
RAA4-H33	2346	2,436	0 - 0.5	4.6	45.10	4.60	207.47
RAA4-HH30	2110,2111,2216A	2,166	0 - 0.5	32.7	40.11	32.70	1,311.68
RAA4-I21	1930	4,347	0 - 0.5	22.4	80.50	22.40	1,803.19
RAA4-I23	1829,2391,2586	3,716	0 - 0.5	183.5	68.81	183.50	12,626.84
RAA4-I25	1828	7,665	0 - 0.5	12.2	141.95	12.20	1,731.80
RAA4-I27	1827	3,573	0 - 0.5	26	66.17	26.00	1,720.42
RAA4-I28	2115A,2115B	666	0 - 0.5	5.1	12.32	5.10	62.86
RAA4-J27	2117	518	0 - 0.5	2800	9.59	2,800.00	26,858.74
RAA4-K23	1893	3,785	0 - 0.5	310	70.10	310.00	21,729.97
RAA4-K25	1891B,2118	2,224	0 - 0.5	9.8	41.18	9.80	403.56
RAA4-L23	2588A	883	0 - 0.5	575	16.35	575.00	9,399.55
RAA4-L24	2287	957	0 - 0.5	13.2	17.72	13.20	233.86
RAA4-L25	2286	131	0 - 0.5	2200	2.42	2,200.00	5,329.30
RCP-C1	1972	5,548	0 - 0.5	1.8	102.74	1.80	184.93
RCP-C2	2332	54	0 - 0.5	44	1.01	44.00	44.30
RCP-C4	2341	2,332	0 - 0.5	10	43.19	10.00	431.90

**TABLE C-5  
EXISTING CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 1-FOOT DEPTH INCREMENT (UNPAVED)**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**0- TO 0.5-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
TW-SB-1	1992	5,596	0 - 0.5	7.2	103.62	7.20	746.08
X-4	1948,2179*,2562	7,451	0 - 0.5	0.43	137.99	0.43	59.33
X-5	1947,2181*,2182	10,112	0 - 0.5	7.5	187.27	7.50	1,404.51
X-6	1946,2184*,2185	6,435	0 - 0.5	2.2	119.16	2.20	262.15
X-7	1942,2133*	6,879	0 - 0.5	7.3	127.39	7.30	929.98
X-8	1941	9,237	0 - 0.5	26	171.06	26.00	4,447.61
X-9	1939	9,601	0 - 0.5	6.2	177.79	6.20	1,102.29
X-10	1938	1,277	0 - 0.5	50	23.65	50.00	1,182.47
X-12	1945	7,487	0 - 0.5	471	138.65	471.00	65,302.84
X-13	1944,2134*,2135	6,544	0 - 0.5	7.65	121.18	7.65	927.05
X-14	1940*,2139,2428,2537	4,229	0 - 0.5	9.5	78.31	9.50	743.94
X-15	1937,2143*,2144,2534	9,488	0 - 0.5	17.4	175.70	17.40	3,057.24
X-16	1934	3,788	0 - 0.5	0.07	70.15	0.07	4.91
X-18	1935,2150*,2151	2,830	0 - 0.5	<b>0.025</b>	52.41	0.03	1.31
X-19	1994	2,233	0 - 0.5	0.41	41.36	0.41	16.96
X-20	1995	4,446	0 - 0.5	1.6	82.33	1.60	131.72
Y-9	2585	25	0 - 0.5	2,420	0.46	2,420.00	1,101.10
Y-10	1955,2120	3,153	0 - 0.5	115	58.38	115.00	6,713.76
Y-14	2393	335	0 - 0.5	67	6.20	67.00	415.31
Y-15	2390	2,064	0 - 0.5	152	38.23	152.00	5,810.28
Y-19	2005,2175*,2176	1,527	0 - 0.5	120	28.28	120.00	3,393.98
Y-20	2172	1,560	0 - 0.5	140	28.88	140.00	4,043.23
Y-24	1965,2177*,2178	8,157	0 - 0.5	0.58	151.05	0.58	87.61
Y-26	2509	108	0 - 0.5	0.36	2.00	0.36	0.72
<b>Totals:</b>	--	644,212	--	--	11,929.85	--	1,251,529.94
<b>Volume-Weighted Average:</b>							<b>104.91</b>

**0.5- TO 1-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
60-1	1871,1975*	5,003	0.5 - 1	34	92.65	34.00	3,150.08
95-04	1867,1867A	2,574	0.5 - 1	3.8	47.68	3.80	181.17
95-07	1839,2027*	5,193	0.5 - 1	3,100	96.16	3,100.00	298,093.70
95-08	1819	4,831	0.5 - 1	0.65	89.46	0.65	58.15
95-26	1818	5,927	0.5 - 1	330	109.75	330.00	36,218.17
CRA-3	1741B	7	0.5 - 1	<b>0.23</b>	0.12	0.23	0.03
CRA-8	2416	115	0.5 - 1	1.1	2.12	1.10	2.33
CRA-14	2330	1,955	0.5 - 1	1.81	36.21	1.81	65.54
CRA-16	2349	286	0.5 - 1	0.89	5.29	0.89	4.71
CRA-17	2331	1,056	0.5 - 1	42	19.56	42.00	821.67
CRA-18	2332	1,591	0.5 - 1	0.32	29.46	0.32	9.43
CRA-19	1613	193	0.5 - 1	0.38	3.58	0.38	1.36
E2SC-05	1784	3,263	0.5 - 1	1.6	60.42	1.60	96.67
E2SC-06	1831,1991*,2357	4,931	0.5 - 1	0.59	91.32	0.59	53.88
E2SC-07	1862	3,035	0.5 - 1	0.79	56.21	0.79	44.41
E2SC-13	2152	548	0.5 - 1	0.21	10.15	0.21	2.13
E2SC-14	1783	2,620	0.5 - 1	0.6	48.52	0.60	29.11
E2SC-25	1843,2338*	8,070	0.5 - 1	3.1	149.45	3.10	463.30
RAA4-2	1626A	6,593	0.5 - 1	1.4	122.09	1.40	170.92
RAA4-3	1615A	3,363	0.5 - 1	0.68	62.28	0.68	42.35
RAA4-4	1627,2345*	8,218	0.5 - 1	500	152.19	500.00	76,093.33
RAA4-5	1616	2,508	0.5 - 1	9.4	46.45	9.40	436.65
RAA4-6	1617	3,914	0.5 - 1	14	72.47	14.00	1,014.62
RAA4-7	2351,2352	978	0.5 - 1	1.28	18.11	1.28	23.18
RAA4-8	1618	1,237	0.5 - 1	4.45	22.91	4.45	101.93
RAA4-9	1619	2,015	0.5 - 1	1.64	37.32	1.64	61.21

**TABLE C-5  
EXISTING CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 1-FOOT DEPTH INCREMENT (UNPAVED)**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0.5- TO 1-FOOT DEPTH INCREMENT (continued)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-10	1620	3,831	0.5 - 1	3.9	70.95	3.90	276.72
RAA4-11	1621	2,490	0.5 - 1	5	46.11	5.00	230.54
RAA4-12	1622	3,674	0.5 - 1	7.9	68.04	7.90	537.54
RAA4-13	1623	2,491	0.5 - 1	0.79	46.14	0.79	36.45
RAA4-14	1624	2,210	0.5 - 1	1.7	40.93	1.70	69.58
RAA4-16	1628,1985*,1988,2354	6,955	0.5 - 1	0.6	128.79	0.60	77.27
RAA4-17	1629	3,587	0.5 - 1	10.1	66.42	10.10	670.88
RAA4-18	1630	3,467	0.5 - 1	1.96	64.20	1.96	125.82
RAA4-19	1631	4,204	0.5 - 1	2.2	77.85	2.20	171.28
RAA4-20	1632	3,612	0.5 - 1	1.93	66.88	1.93	129.08
RAA4-21	1633	2,662	0.5 - 1	0.0195	49.29	0.02	0.96
RAA4-23	1612	314	0.5 - 1	38	5.82	38.00	221.27
RAA4-A33	1739	4,309	0.5 - 1	1.07	79.80	1.07	85.38
RAA4-A34	1649	3,840	0.5 - 1	0.4	71.11	0.40	28.44
RAA4-A35	1648	4,345	0.5 - 1	0.67	80.45	0.67	53.90
RAA4-A37	1741A	3,885	0.5 - 1	0.3	71.94	0.30	21.58
RAA4-B29	1677,2029*,2031*	5,988	0.5 - 1	1.4	110.89	1.40	155.25
RAA4-B31	1666,2030*,2035,2092	7,796	0.5 - 1	12.4	144.36	12.40	1,790.09
RAA4-B33	1665,2263,2336*,2339*	8,818	0.5 - 1	0.67	163.29	0.67	109.41
RAA4-B34	1650,2335*	8,842	0.5 - 1	1.1	163.73	1.10	180.11
RAA4-B35	1647,2337*	5,427	0.5 - 1	1.2	100.50	1.20	120.61
RAA4-C23	1724,2231*,2270,2271*	4,870	0.5 - 1	0.35	90.18	0.35	31.56
RAA4-C25	1720,2342*	7,196	0.5 - 1	0.12	133.26	0.12	15.99
RAA4-C27	1678,2004*,2341	9,504	0.5 - 1	18.675	176.00	18.68	3,286.75
RAA4-C29	1676,2028*,2032*	7,318	0.5 - 1	0.283	135.51	0.28	38.35
RAA4-C30S	1924,2033*	6,547	0.5 - 1	2.5	121.24	2.50	303.11
RAA4-C31	1667,2034*,2036*,2095	9,059	0.5 - 1	21.3	167.76	21.30	3,573.23
RAA4-C33	1664,2093,2261*,2262*,2340*	3,201	0.5 - 1	31	59.28	31.00	1,837.66
RAA4-C33S	1908*,1977,2258,2348	4,592	0.5 - 1	1.97	85.04	1.97	167.53
RAA4-C34	1651,2252*,2254*,2255,2266,2347*	3,667	0.5 - 1	0.56	67.91	0.56	38.03
RAA4-C35	1646,1980*,1981,2269*,2343	6,207	0.5 - 1	1.9	114.95	1.90	218.41
RAA4-D19	1721	5,332	0.5 - 1	0.51	98.75	0.51	50.36
RAA4-D21	1719,2229*,2230*	9,556	0.5 - 1	0.083	176.96	0.08	14.69
RAA4-D23	1682,2226*,2232*	11,076	0.5 - 1	0.06	205.12	0.06	12.31
RAA4-D25	1725	9,321	0.5 - 1	0.146	172.62	0.15	25.20
RAA4-D26S	1922,2355*,2363*	5,547	0.5 - 1	0.019	102.73	0.02	1.95
RAA4-D27	1736,2026*,2353	7,520	0.5 - 1	1.32	139.26	1.32	183.83
RAA4-D33	1663,1976	6,077	0.5 - 1	2.72	112.54	2.72	306.10
RAA4-D34	1652,1979*	6,571	0.5 - 1	13.9	121.69	13.90	1,691.52
RAA4-D36	1639,1984*,1986*,2041*,2346	10,584	0.5 - 1	2.4	195.99	2.40	470.39
RAA4-E19	1722	4,673	0.5 - 1	2.3	86.54	2.30	199.04
RAA4-E21	1723,2228*	7,759	0.5 - 1	0.028	143.69	0.03	4.02
RAA4-E22	1901,2227*,2378*	10,276	0.5 - 1	1.17	190.30	1.17	222.65
RAA4-E27	1737,2021*,2025,2364	7,253	0.5 - 1	69.5	134.32	69.50	9,335.19
RAA4-E30S	1923,2037,2039	5,983	0.5 - 1	196	110.79	196.00	21,715.75
RAA4-E33	1662	8,407	0.5 - 1	49	155.69	49.00	7,628.81
RAA4-E35	1645	9,005	0.5 - 1	69	166.75	69.00	11,505.75
RAA4-E38	1992*,1993,2158	1,441	0.5 - 1	0.36	26.69	0.36	9.61
RAA4-E39	2156	125	0.5 - 1	0.16	2.32	0.16	0.37
RAA4-F23S	1902	5,043	0.5 - 1	220	93.39	220.00	20,545.68
RAA4-F25	1742,1742A,2018*,2374	9,754	0.5 - 1	1.5	180.64	1.50	270.95
RAA4-F27	1738	2,185	0.5 - 1	1,400	40.46	1,400.00	56,645.30
RAA4-F28	1907,1969,2024*	3,016	0.5 - 1	550	55.85	550.00	30,718.01
RAA4-F29	1675,2005	3,902	0.5 - 1	340	72.26	340.00	24,567.90
RAA4-F31	1668	8,815	0.5 - 1	0.7	163.25	0.70	114.27
RAA4-F33	1661	9,935	0.5 - 1	4.1	183.99	4.10	754.34
RAA4-F34	1653	11,717	0.5 - 1	1.38	216.99	1.38	299.44
RAA4-F35	1644	7,840	0.5 - 1	1.3	145.18	1.30	188.74



**TABLE C-5  
EXISTING CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 1-FOOT DEPTH INCREMENT (UNPAVED)**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**0.5- TO 1-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-G20	1903A*,2012,2012A*,2224	4,738	0.5 - 1	29	87.74	29.00	2,544.36
RAA4-G28	1905	4,472	0.5 - 1	1,720	82.81	1,720.00	142,425.56
RAA4-G31	1669	9,946	0.5 - 1	1.8	184.19	1.80	331.55
RAA4-G33	1660	9,946	0.5 - 1	1.63	184.19	1.63	300.23
RAA4-G34	1654	5,738	0.5 - 1	3.4	106.26	3.40	361.30
RAA4-G35	2171	369	0.5 - 1	0.26	6.83	0.26	1.77
RAA4-H21	1683	3,642	0.5 - 1	7.4	67.44	7.40	499.06
RAA4-H24	1962	24	0.5 - 1	400	0.44	400.00	177.85
RAA4-H27S	1906	5,106	0.5 - 1	2,240	94.55	2,240.00	211,787.85
RAA4-H28S	1926,1955A	5,975	0.5 - 1	172	110.65	172.00	19,031.45
RAA4-H29	1674	6,480	0.5 - 1	1,300	120.01	1,300.00	156,007.22
RAA4-H31	1670	6,744	0.5 - 1	0.87	124.90	0.87	108.66
RAA4-H33	2174	2,436	0.5 - 1	4.6	45.10	4.60	207.47
RAA4-HH30	1952,1954,2058	2,231	0.5 - 1	32.7	41.32	32.70	1,351.22
RAA4-I21	1782	4,347	0.5 - 1	22.4	80.50	22.40	1,803.19
RAA4-I23	1681,2220,2386	3,716	0.5 - 1	183.5	68.81	183.50	12,626.84
RAA4-I25	1680	7,665	0.5 - 1	12.2	141.95	12.20	1,731.80
RAA4-I27	1679,1679A	3,832	0.5 - 1	26	70.96	26.00	1,845.06
RAA4-I28	2054A,2056	800	0.5 - 1	5.1	14.81	5.10	75.53
RAA4-I30	2057	98	0.5 - 1	390	1.82	390.00	709.08
RAA4-J27	1957	518	0.5 - 1	2800	9.59	2,800.00	26,858.74
RAA4-J28	2053	0	0.5 - 1	54	0.00	54.00	0.00
RAA4-K23	1745	3,785	0.5 - 1	310	70.10	310.00	21,729.97
RAA4-K25	1743B,1958	2,224	0.5 - 1	9.8	41.18	9.80	403.56
RAA4-L23	2121A	883	0.5 - 1	575	16.35	575.00	9,399.55
RAA4-L24	2117	957	0.5 - 1	13.2	17.72	13.20	233.86
RAA4-L25	2116A	131	0.5 - 1	2200	2.42	2,200.00	5,329.30
RCP-C1	1823	5,548	0.5 - 1	1.8	102.74	1.80	184.93
RCP-C2	2160	54	0.5 - 1	44	1.01	44.00	44.30
RCP-C4	2169	2,332	0.5 - 1	10	43.19	10.00	431.90
TW-SB-1	1842	5,596	0.5 - 1	7.2	103.62	7.20	746.08
X-4	1799,2017*,2375	7,451	0.5 - 1	0.43	137.99	0.43	59.33
X-5	1798,2019*,2020	10,112	0.5 - 1	7.5	187.27	7.50	1,404.51
X-6	1797,2022*,2023	6,435	0.5 - 1	2.2	119.16	2.20	262.15
X-7	1793,1972*	6,879	0.5 - 1	7.3	127.39	7.30	929.98
X-8	1792	9,237	0.5 - 1	26	171.06	26.00	4,447.61
X-9	1790	9,601	0.5 - 1	6.2	177.79	6.20	1,102.29
X-10	1789	1,277	0.5 - 1	50	23.65	50.00	1,182.47
X-12	1796	8,067	0.5 - 1	471	149.38	471.00	70,359.81
X-13	1795,1973*,1974	7,232	0.5 - 1	7.65	133.93	7.65	1,024.57
X-14	1791*,1978,2256,2350	4,229	0.5 - 1	9.5	78.31	9.50	743.94
X-15	1788,1982*,1983,2344	9,488	0.5 - 1	17.4	175.70	17.40	3,057.24
X-16	1785	3,788	0.5 - 1	0.07	70.15	0.07	4.91
X-18	1786,1989*,1990	2,830	0.5 - 1	<b>0.025</b>	52.41	0.03	1.31
X-19	1844	2,233	0.5 - 1	0.41	41.36	0.41	16.96
X-20	1845	4,446	0.5 - 1	1.6	82.33	1.60	131.72
Y-9	2393	25	0.5 - 1	2,420	0.46	2,420.00	1,101.10
Y-10	1806,1960	3,153	0.5 - 1	115	58.38	115.00	6,713.76
Y-14	2222	335	0.5 - 1	67	6.20	67.00	415.31
Y-15	2219	2,064	0.5 - 1	152	38.23	152.00	5,810.28
Y-19	1855,2013*,2014	1,527	0.5 - 1	120	28.28	120.00	3,393.98
Y-20	2010	1,560	0.5 - 1	140	28.88	140.00	4,043.23
Y-24	1816,2015*,2016	8,157	0.5 - 1	0.58	151.05	0.58	87.61
Y-26	2324	108	0.5 - 1	0.36	2.00	0.36	0.72
<b>Totals:</b>	--	644,212	--	--	11,929.85	--	1,344,909.00
<b>Volume-Weighted Average:</b>							<b>112.73</b>

**TABLE C-5  
EXISTING CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 1-FOOT DEPTH INCREMENT (UNPAVED)**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
<b>Totals:</b>	--	644,212	0 - 1	--	23,859.70	--	2,596,438.93
<b>Volume-Weighted Average:</b>							<b>108.82</b>

Notes:

1. Polygon ID and area based on information shown on Figures C-1 and C-2.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. \* = Indicates paved polygon that has been evaluated as unpaved for the purposes of demonstrating achievement of Performance Standards and for the purposes of the forthcoming ERE. Although evaluated in this manner, these polygons will remain paved.

**TABLE C-6  
EXISTING CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 1-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**0- TO 0.5-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
206S	1780,2125	5,952	0 - 0.5	310	110.23	310.00	34,169.75
207S	1931,1931A,2169	6,156	0 - 0.5	1.8	114.00	1.80	205.20
209S	1781,1781A	3,705	0 - 0.5	3.8	68.60	3.80	260.69
60-1	2029,2136*	5,003	0 - 0.5	34	92.65	34.00	3,150.08
60-5	2028	5,634	0 - 0.5	860	104.34	860.00	89,733.83
95-02	1989,1989A,1989B,2113,2114,2114B	1,245	0 - 0.5	3.5	23.06	3.50	80.69
95-04	2017,2017A,2168,2168A,2168B	4,664	0 - 0.5	3.8	86.36	3.80	328.18
95-07	1988,2189*	4,731	0 - 0.5	3,100	87.62	3,100.00	271,617.98
95-08	1968	4,831	0 - 0.5	0.65	89.46	0.65	58.15
95-26	1967	5,927	0 - 0.5	330	109.75	330.00	36,218.17
CRA-3	1889B	7	0 - 0.5	<b>0.23</b>	0.12	0.23	0.03
CRA-8	2528	115	0 - 0.5	<b>1.1</b>	2.12	1.10	2.33
CRA-14	2516	1,955	0 - 0.5	1.81	36.21	1.81	65.54
CRA-16	2518	286	0 - 0.5	0.89	5.29	0.89	4.71
CRA-17	2519	1,056	0 - 0.5	42	19.56	42.00	821.67
CRA-18	2520	1,591	0 - 0.5	0.32	29.46	0.32	9.43
CRA-19	1757	193	0 - 0.5	0.38	3.58	0.38	1.36
E2SC-05	1933	3,263	0 - 0.5	1.6	60.42	1.60	96.67
E2SC-06	1980,2152*,2541	4,931	0 - 0.5	0.59	91.32	0.59	53.88
E2SC-07	2012	3,035	0 - 0.5	0.79	56.21	0.79	44.41
E2SC-13	2324	548	0 - 0.5	0.21	10.15	0.21	2.13
E2SC-14	1932	2,620	0 - 0.5	0.6	48.52	0.60	29.11
E2SC-25	1993,2525*	8,070	0 - 0.5	3.1	149.45	3.10	463.30
ES2-5	1986	7,987	0 - 0.5	6.95	147.91	6.95	1,027.97
RAA4-2	1770A	6,593	0 - 0.5	1.4	122.09	1.40	170.92
RAA4-3	1759A	3,363	0 - 0.5	0.68	62.28	0.68	42.35
RAA4-4	1771,2533*	8,218	0 - 0.5	500	152.19	500.00	76,093.33
RAA4-5	1760	2,508	0 - 0.5	9.4	46.45	9.40	436.65
RAA4-6	1761	3,914	0 - 0.5	14	72.47	14.00	1,014.62
RAA4-7	2517,2644	978	0 - 0.5	1.28	18.11	1.28	23.18
RAA4-8	1762	1,237	0 - 0.5	4.45	22.91	4.45	101.93
RAA4-9	1763	2,015	0 - 0.5	1.64	37.32	1.64	61.21
RAA4-10	1764	3,831	0 - 0.5	3.9	70.95	3.90	276.72
RAA4-11	1765	2,490	0 - 0.5	5	46.11	5.00	230.54
RAA4-12	1766	3,674	0 - 0.5	7.9	68.04	7.90	537.54
RAA4-13	1767	2,491	0 - 0.5	0.79	46.14	0.79	36.45
RAA4-14	1768	2,210	0 - 0.5	1.7	40.93	1.70	69.58
RAA4-16	1772,2146*,2149,2532	6,955	0 - 0.5	<b>0.6</b>	128.79	0.60	77.27
RAA4-17	1773	3,587	0 - 0.5	10.1	66.42	10.10	670.88
RAA4-18	1774	3,467	0 - 0.5	1.96	64.20	1.96	125.82
RAA4-19	1775	4,204	0 - 0.5	2.2	77.85	2.20	171.28
RAA4-20	1776	3,612	0 - 0.5	1.93	66.88	1.93	129.08
RAA4-21	1777	2,662	0 - 0.5	<b>0.0195</b>	49.29	0.02	0.96
RAA4-23	1756	314	0 - 0.5	38	5.82	38.00	221.27
RAA4-A33	1887,2510	4,310	0 - 0.5	1.07	79.82	1.07	85.41
RAA4-A34	1797	3,840	0 - 0.5	0.4	71.11	0.40	28.44
RAA4-A35	1796	4,345	0 - 0.5	0.67	80.45	0.67	53.90
RAA4-A37	1889A	3,885	0 - 0.5	0.3	71.94	0.30	21.58
RAA4-B29	1825,2191*,2193*	5,988	0 - 0.5	1.4	110.89	1.40	155.25
RAA4-B31	1814,2192*,2197,2259	7,796	0 - 0.5	12.4	144.36	12.40	1,790.08
RAA4-B33	1813,2435,2522*,2524*	8,818	0 - 0.5	0.67	163.29	0.67	109.41
RAA4-B34	1798,2523*	8,842	0 - 0.5	1.1	163.73	1.10	180.11
RAA4-B35	1795,2526*	5,427	0 - 0.5	1.2	100.50	1.20	120.61
RAA4-C23	1872,2402*,2441,2442*	4,870	0 - 0.5	0.35	90.18	0.35	31.56
RAA4-C25	1868,2645*	7,196	0 - 0.5	0.12	133.26	0.12	15.99
RAA4-C27	1826,2165*,2646	9,504	0 - 0.5	18.675	176.00	18.68	3,286.75
RAA4-C29	1824,2190*,2194*	7,299	0 - 0.5	0.283	135.17	0.28	38.25
RAA4-C30S	2082,2195*	4,591	0 - 0.5	2.5	85.01	2.50	212.53

**TABLE C-6**  
**EXISTING CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 1-FOOT DEPTH INCREMENT**  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**0- TO 0.5-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-C31	1815,2196*,2198*,2262	9,059	0 - 0.5	21.3	167.76	21.30	3,573.23
RAA4-C33	1812,2260,2432*,2434*,2529*	3,201	0 - 0.5	31	59.28	31.00	1,837.66
RAA4-C33S	2066*,2138,2430,2531	4,592	0 - 0.5	1.97	85.04	1.97	167.53
RAA4-C34	2426*,2427,2438,2530*,2535*,2535A	3,667	0 - 0.5	0.56	67.91	0.56	38.03
RAA4-C35	1794,2141*,2142,2527*,2536	6,207	0 - 0.5	1.9	114.95	1.90	218.41
RAA4-D19	1869,2543	6,489	0 - 0.5	0.51	120.17	0.51	61.29
RAA4-D21	1867,2400*,2401*	9,556	0 - 0.5	0.083	176.96	0.08	14.69
RAA4-D23	1830,2397*,2403*	11,076	0 - 0.5	0.06	205.12	0.06	12.31
RAA4-D25	1873	9,321	0 - 0.5	0.146	172.62	0.15	25.20
RAA4-D26S	2080,2540*,2553*	5,547	0 - 0.5	0.019	102.73	0.02	1.95
RAA4-D27	1884,2188*,2538	7,520	0 - 0.5	1.32	139.26	1.32	183.83
RAA4-D33	1811,2137	6,077	0 - 0.5	2.72	112.54	2.72	306.10
RAA4-D34	1800,2140*	6,571	0 - 0.5	13.9	121.69	13.90	1,691.52
RAA4-D36	1787,2145*,2147*,2203*,2539	10,584	0 - 0.5	2.4	195.99	2.40	470.39
RAA4-E15	1832	5,107	0 - 0.5	0.58	94.58	0.58	54.86
RAA4-E16	2068	4,648	0 - 0.5	0.035	86.07	0.04	3.01
RAA4-E19	1870,2542	8,451	0 - 0.5	2.3	156.49	2.30	359.94
RAA4-E21	1871,2399*	7,759	0 - 0.5	0.028	143.69	0.03	4.02
RAA4-E22	2059,2398*,2564*	10,276	0 - 0.5	1.17	190.30	1.17	222.65
RAA4-E27	1885,2183*,2187,2551	7,253	0 - 0.5	69.5	134.32	69.50	9,335.19
RAA4-E30S	2081,2132,2199,2201	7,903	0 - 0.5	196	146.36	196.00	28,686.05
RAA4-E33	1810	8,407	0 - 0.5	49	155.69	49.00	7,628.81
RAA4-E35	1793	9,005	0 - 0.5	69	166.75	69.00	11,505.75
RAA4-E38	2153*,2154,2330	1,441	0 - 0.5	0.36	26.69	0.36	9.61
RAA4-E39	2328	125	0 - 0.5	0.16	2.32	0.16	0.37
RAA4-F16	2069	4,739	0 - 0.5	0.23	87.75	0.23	20.18
RAA4-F18	2070	4,264	0 - 0.5	0.185	78.96	0.19	14.61
RAA4-F23S	2060,2171	7,356	0 - 0.5	220	136.23	220.00	29,970.76
RAA4-F25	1890,2170,2180*,2554	9,628	0 - 0.5	1.5	178.29	1.50	267.44
RAA4-F27	1886,2167,2167A,2167B	3,490	0 - 0.5	1,400	64.64	1,400.00	90,493.15
RAA4-F28	2065,2129,2129A,2130,2186*	4,814	0 - 0.5	550	89.15	550.00	49,031.28
RAA4-F29	1823,2131,2166	4,944	0 - 0.5	340	91.55	340.00	31,127.94
RAA4-F31	1816	8,815	0 - 0.5	0.7	163.25	0.70	114.27
RAA4-F33	1809	9,935	0 - 0.5	4.1	183.99	4.10	754.34
RAA4-F34	1801	11,717	0 - 0.5	1.38	216.99	1.38	299.44
RAA4-F35	1792	7,840	0 - 0.5	1.3	145.18	1.30	188.74
RAA4-G14	2354	256	0 - 0.5	3.6	4.75	3.60	17.09
RAA4-G18N	2078	7,898	0 - 0.5	6.1	146.25	6.10	892.15
RAA4-G20	2061,2061A*,2061B*,2173,2174,2395	7,855	0 - 0.5	29	145.46	29.00	4,218.22
RAA4-G23	2062	8,775	0 - 0.5	45.5	162.49	45.50	7,393.51
RAA4-G27	1866	10,512	0 - 0.5	870	194.67	870.00	169,361.61
RAA4-G28	2063,2128	9,757	0 - 0.5	1,720	180.68	1,720.00	310,765.14
RAA4-G31	1817	9,946	0 - 0.5	1.8	184.19	1.80	331.55
RAA4-G33	1808	9,946	0 - 0.5	1.63	184.19	1.63	300.23
RAA4-G34	1802	5,738	0 - 0.5	3.4	106.26	3.40	361.30
RAA4-G35	2343	369	0 - 0.5	0.26	6.83	0.26	1.77
RAA4-H12	2352	16	0 - 0.5	1.2	0.29	1.20	0.35
RAA4-H17	1833	11,355	0 - 0.5	18.2	210.28	18.20	3,827.14
RAA4-H21	1831,2394,2396	6,554	0 - 0.5	7.4	121.38	7.40	898.19
RAA4-H24	1865,2122	10,291	0 - 0.5	400	190.57	400.00	76,228.15
RAA4-H27S	2064,2124	5,463	0 - 0.5	2,240	101.17	2,240.00	226,628.68
RAA4-H28S	2084,2114A,2126	5,443	0 - 0.5	172	100.80	172.00	17,337.76
RAA4-H29	1822,2127	6,679	0 - 0.5	1,300	123.68	1,300.00	160,780.87
RAA4-H31	1818	6,744	0 - 0.5	0.87	124.90	0.87	108.66
RAA4-H33	2346	2,436	0 - 0.5	4.6	45.10	4.60	207.47
RAA4-HH30	2109,2110,2111,2216A	2,992	0 - 0.5	32.7	55.41	32.70	1,811.88
RAA4-I15	2019	4,762	0 - 0.5	6.7	88.19	6.70	590.85
RAA4-I19	1864	9,018	0 - 0.5	48	166.99	48.00	8,015.72

**TABLE C-6  
EXISTING CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 1-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**0- TO 0.5-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-I21	1930,2392	6,801	0 - 0.5	22.4	125.95	22.40	2,821.30
RAA4-I23	1829,2121,2391,2586	7,818	0 - 0.5	183.5	144.78	183.50	26,567.10
RAA4-I25	1828,2123	7,738	0 - 0.5	12.2	143.30	12.20	1,748.32
RAA4-I27	1827,2116	3,800	0 - 0.5	26	70.37	26.00	1,829.51
RAA4-I28	2115,2115A,2115B	2,289	0 - 0.5	5.1	42.38	5.10	216.15
RAA4-J27	1851A,2117	1,888	0 - 0.5	2800	34.96	2,800.00	97,895.26
RAA4-J28	2282	22	0 - 0.5	54	0.40	54.00	21.54
RAA4-K19	1863	5,573	0 - 0.5	38	103.21	38.00	3,922.06
RAA4-K20	2079	6,369	0 - 0.5	245	117.95	245.00	28,898.57
RAA4-K23	1893,1893A,2578,2584	4,262	0 - 0.5	310	78.92	310.00	24,464.97
RAA4-K25	1891,1891B,2118	4,636	0 - 0.5	9.8	85.85	9.80	841.34
RAA4-K26	1891A	107	0 - 0.5	170	1.98	170.00	337.36
RAA4-K27	1851	283	0 - 0.5	39	5.25	39.00	204.61
RAA4-L15	2348	56	0 - 0.5	278	1.04	278.00	288.81
RAA4-L16	2297	1,162	0 - 0.5	380	21.53	380.00	8,179.71
RAA4-L17	2058	1,909	0 - 0.5	1,600	35.35	1,600.00	56,560.59
RAA4-L18	2295C	2,287	0 - 0.5	80	42.35	80.00	3,388.31
RAA4-L19	2295	693	0 - 0.5	54	12.83	54.00	692.57
RAA4-L23	2588,2588A	2,174	0 - 0.5	575	40.26	575.00	23,151.52
RAA4-L24	2287	957	0 - 0.5	13.2	17.72	13.20	233.86
RAA4-L25	2286	131	0 - 0.5	2200	2.42	2,200.00	5,329.30
RAA4-M21	2293	671	0 - 0.5	98	12.43	98.00	1,217.87
RAA4-M22	2292	567	0 - 0.5	750	10.50	750.00	7,873.89
RCP-C1	1972	5,548	0 - 0.5	1.8	102.74	1.80	184.93
RCP-C2	2332	54	0 - 0.5	44	1.01	44.00	44.30
RCP-C4	2341	2,332	0 - 0.5	10	43.19	10.00	431.90
TW-SB-1	1992	5,596	0 - 0.5	7.2	103.62	7.20	746.08
X-4	1948,2179*,2562	7,451	0 - 0.5	0.43	137.99	0.43	59.33
X-5	1947,2181*,2182	10,112	0 - 0.5	7.5	187.27	7.50	1,404.51
X-6	1946,2184*,2185	6,435	0 - 0.5	2.2	119.16	2.20	262.15
X-7	1942,2133*	6,879	0 - 0.5	7.3	127.39	7.30	929.98
X-8	1941	9,237	0 - 0.5	26	171.06	26.00	4,447.61
X-9	1939	9,601	0 - 0.5	6.2	177.79	6.20	1,102.29
X-10	1938	1,277	0 - 0.5	50	23.65	50.00	1,182.47
X-12	1945	7,487	0 - 0.5	471	138.65	471.00	65,302.84
X-13	1944,2134*,2135	6,544	0 - 0.5	7.65	121.18	7.65	927.05
X-14	1940*,2139,2428,2537	4,229	0 - 0.5	9.5	78.31	9.50	743.94
X-15	1937,2143*,2144,2534	9,488	0 - 0.5	17.4	175.70	17.40	3,057.24
X-16	1934	3,788	0 - 0.5	0.07	70.15	0.07	4.91
X-18	1935,2150*,2151	2,830	0 - 0.5	<b>0.025</b>	52.41	0.03	1.31
X-19	1994	2,233	0 - 0.5	0.41	41.36	0.41	16.96
X-20	1995	4,446	0 - 0.5	1.6	82.33	1.60	131.72
Y-8	1953	1,909	0 - 0.5	218	35.34	218.00	7,705.09
Y-9	1954,2585	5,813	0 - 0.5	2,420	107.64	2,420.00	260,500.00
Y-10	1955,2119,2120	4,897	0 - 0.5	115	90.68	115.00	10,428.14
Y-12	1957	6,499	0 - 0.5	119	120.36	119.00	14,322.29
Y-13	1959	8,021	0 - 0.5	91	148.54	91.00	13,516.72
Y-14	1960,2393	5,911	0 - 0.5	67	109.47	67.00	7,334.22
Y-15	1961,2390	6,872	0 - 0.5	152	127.26	152.00	19,344.17
Y-16	2351	1,537	0 - 0.5	<b>0.025</b>	28.46	0.03	0.71
Y-19	2005,2175*,2175A,2176,2227	7,917	0 - 0.5	120	146.62	120.00	17,593.82
Y-20	1962,2172	7,195	0 - 0.5	140	133.24	140.00	18,653.16
Y-21	2355	4,093	0 - 0.5	0.91	75.80	0.91	68.98
Y-22	1971	4,862	0 - 0.5	<b>0.0175</b>	90.03	0.02	1.58
Y-23	1964	4,501	0 - 0.5	0.1	83.35	0.10	8.34
Y-24	1965,2177*,2177A,2178	8,936	0 - 0.5	0.58	165.48	0.58	95.98
Y-26	1966,2509	7,350	0 - 0.5	0.36	136.11	0.36	49.00
<b>Totals:</b>	--	882,804	--	--	16,348.22	--	2,531,127.77
						<b>Volume-Weighted Average:</b>	<b>154.83</b>

**TABLE C-6  
EXISTING CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 1-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**0.5- TO 1-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
60-1	1871,1975*	5,003	0.5 - 1	34	92.65	34.00	3,150.08
60-5	1870	5,634	0.5 - 1	860	104.34	860.00	89,733.83
95-04	1867,1867A,2007,2007A	5,534	0.5 - 1	3.8	102.48	3.80	389.42
95-07	1839,2027*	5,193	0.5 - 1	3,100	96.16	3,100.00	298,093.70
95-08	1819	4,831	0.5 - 1	0.65	89.46	0.65	58.15
95-26	1818	5,927	0.5 - 1	330	109.75	330.00	36,218.17
CRA-3	1741B	7	0.5 - 1	0.23	0.12	0.23	0.03
CRA-8	2416	115	0.5 - 1	1.1	2.12	1.10	2.33
CRA-14	2330	1,955	0.5 - 1	1.81	36.21	1.81	65.54
CRA-16	2349	286	0.5 - 1	0.89	5.29	0.89	4.71
CRA-17	2331	1,056	0.5 - 1	42	19.56	42.00	821.67
CRA-18	2332	1,591	0.5 - 1	0.32	29.46	0.32	9.43
CRA-19	1613	193	0.5 - 1	0.38	3.58	0.38	1.36
E2SC-05	1784	3,263	0.5 - 1	1.6	60.42	1.60	96.67
E2SC-06	1831,1991*,2357	4,931	0.5 - 1	0.59	91.32	0.59	53.88
E2SC-07	1862	3,035	0.5 - 1	0.79	56.21	0.79	44.41
E2SC-13	2152	548	0.5 - 1	0.21	10.15	0.21	2.13
E2SC-14	1783	2,620	0.5 - 1	0.6	48.52	0.60	29.11
E2SC-25	1843,2338*	8,070	0.5 - 1	3.1	149.45	3.10	463.30
ES2-5	1837	7,987	0.5 - 1	6.95	147.91	6.95	1,027.97
RAA4-2	1626A	6,593	0.5 - 1	1.4	122.09	1.40	170.92
RAA4-3	1615A	3,363	0.5 - 1	0.68	62.28	0.68	42.35
RAA4-4	1627,2345*	8,218	0.5 - 1	500	152.19	500.00	76,093.33
RAA4-5	1616	2,508	0.5 - 1	9.4	46.45	9.40	436.65
RAA4-6	1617	3,914	0.5 - 1	14	72.47	14.00	1,014.62
RAA4-7	2351,2352	978	0.5 - 1	1.28	18.11	1.28	23.18
RAA4-8	1618	1,237	0.5 - 1	4.45	22.91	4.45	101.93
RAA4-9	1619	2,015	0.5 - 1	1.64	37.32	1.64	61.21
RAA4-10	1620	3,831	0.5 - 1	3.9	70.95	3.90	276.72
RAA4-11	1621	2,490	0.5 - 1	5	46.11	5.00	230.54
RAA4-12	1622	3,674	0.5 - 1	7.9	68.04	7.90	537.54
RAA4-13	1623	2,491	0.5 - 1	0.79	46.14	0.79	36.45
RAA4-14	1624	2,210	0.5 - 1	1.7	40.93	1.70	69.58
RAA4-16	1628,1985*,1988,2354	6,955	0.5 - 1	0.6	128.79	0.60	77.27
RAA4-17	1629	3,587	0.5 - 1	10.1	66.42	10.10	670.88
RAA4-18	1630	3,467	0.5 - 1	1.96	64.20	1.96	125.82
RAA4-19	1631	4,204	0.5 - 1	2.2	77.85	2.20	171.28
RAA4-20	1632	3,612	0.5 - 1	1.93	66.88	1.93	129.08
RAA4-21	1633	2,662	0.5 - 1	0.0195	49.29	0.02	0.96
RAA4-23	1612	314	0.5 - 1	38	5.82	38.00	221.27
RAA4-A33	1739,2325	4,310	0.5 - 1	1.07	79.82	1.07	85.41
RAA4-A34	1649	3,840	0.5 - 1	0.4	71.11	0.40	28.44
RAA4-A35	1648	4,345	0.5 - 1	0.67	80.45	0.67	53.90
RAA4-A37	1741A	3,885	0.5 - 1	0.3	71.94	0.30	21.58
RAA4-B29	1677,2029*,2031*	5,988	0.5 - 1	1.4	110.89	1.40	155.25
RAA4-B31	1666,2030*,2035,2092	7,796	0.5 - 1	12.4	144.36	12.40	1,790.09
RAA4-B33	1665,2263,2336*,2339*	8,818	0.5 - 1	0.67	163.29	0.67	109.41
RAA4-B34	1650,2335*	8,842	0.5 - 1	1.1	163.73	1.10	180.11
RAA4-B35	1647,2337*	5,427	0.5 - 1	1.2	100.50	1.20	120.61
RAA4-C23	1724,2231*,2270,2271*	4,870	0.5 - 1	0.35	90.18	0.35	31.56
RAA4-C25	1720,2342*	7,196	0.5 - 1	0.12	133.26	0.12	15.99
RAA4-C27	1678,2004*,2341	9,504	0.5 - 1	18.675	176.00	18.68	3,286.75
RAA4-C29	1676,2028*,2032*	7,318	0.5 - 1	0.283	135.51	0.28	38.35
RAA4-C30S	1924,2033*	6,547	0.5 - 1	2.5	121.24	2.50	303.11
RAA4-C31	1667,2034*,2036*,2095	9,059	0.5 - 1	21.3	167.76	21.30	3,573.23
RAA4-C33	1664,2093,2261*,2262*,2340*	3,201	0.5 - 1	31	59.28	31.00	1,837.66
RAA4-C33S	1908*,1977,2258,2348	4,592	0.5 - 1	1.97	85.04	1.97	167.53
RAA4-C34	1651,2252*,2254*,2255,2266,2347*	3,667	0.5 - 1	0.56	67.91	0.56	38.03
RAA4-C35	1646,1980*,1981,2269*,2343	6,207	0.5 - 1	1.9	114.95	1.90	218.41

**TABLE C-6  
EXISTING CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 1-FOOT DEPTH INCREMENT  
SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**0.5- TO 1-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-D19	1721,2356	6,489	0.5 - 1	0.51	120.17	0.51	61.29
RAA4-D21	1719,2229*,2230*	9,556	0.5 - 1	0.083	176.96	0.08	14.69
RAA4-D23	1682,2226*,2232*	11,076	0.5 - 1	0.06	205.12	0.06	12.31
RAA4-D25	1725	9,321	0.5 - 1	0.146	172.62	0.15	25.20
RAA4-D26S	1922,2355*,2363*	5,547	0.5 - 1	0.019	102.73	0.02	1.95
RAA4-D27	1736,2026*,2353	7,520	0.5 - 1	1.32	139.26	1.32	183.83
RAA4-D33	1663,1976	6,077	0.5 - 1	2.72	112.54	2.72	306.10
RAA4-D34	1652,1979*	6,571	0.5 - 1	13.9	121.69	13.90	1,691.52
RAA4-D36	1639,1984*,1986*,2041*,2346	10,584	0.5 - 1	2.4	195.99	2.40	470.39
RAA4-E15	1684	5,107	0.5 - 1	0.58	94.58	0.58	54.86
RAA4-E16	1910	4,648	0.5 - 1	0.035	86.07	0.04	3.01
RAA4-E19	1722,2366	8,451	0.5 - 1	2.3	156.49	2.30	359.94
RAA4-E21	1723,2228*	7,759	0.5 - 1	0.028	143.69	0.03	4.02
RAA4-E22	1901,2227*,2378*	10,276	0.5 - 1	1.17	190.30	1.17	222.65
RAA4-E27	1737,2021*,2025,2364	7,253	0.5 - 1	69.5	134.32	69.50	9,335.19
RAA4-E30S	1923,1971,2037,2039	7,903	0.5 - 1	196	146.36	196.00	28,686.05
RAA4-E33	1662	8,407	0.5 - 1	49	155.69	49.00	7,628.81
RAA4-E35	1645	9,005	0.5 - 1	69	166.75	69.00	11,505.75
RAA4-E38	1992*,1993,2158	1,441	0.5 - 1	0.36	26.69	0.36	9.61
RAA4-E39	2156	125	0.5 - 1	0.16	2.32	0.16	0.37
RAA4-F16	1911	4,739	0.5 - 1	0.23	87.75	0.23	20.18
RAA4-F18	1912	4,264	0.5 - 1	0.185	78.96	0.19	14.61
RAA4-F23S	1902,2009,2009A	7,397	0.5 - 1	220	136.98	220.00	30,134.99
RAA4-F25	1742,2008,2018*,2374	11,617	0.5 - 1	1.5	215.13	1.50	322.69
RAA4-F27	1738,2006,2006A,2006B	3,490	0.5 - 1	1,400	64.64	1,400.00	90,493.15
RAA4-F28	1907,1968,1968A,1969,2024*	4,814	0.5 - 1	550	89.15	550.00	49,031.28
RAA4-F29	1675,1970,2005	4,944	0.5 - 1	340	91.55	340.00	31,127.94
RAA4-F31	1668	8,815	0.5 - 1	0.7	163.25	0.70	114.27
RAA4-F33	1661	9,935	0.5 - 1	4.1	183.99	4.10	754.34
RAA4-F34	1653	11,717	0.5 - 1	1.38	216.99	1.38	299.44
RAA4-F35	1644	7,840	0.5 - 1	1.3	145.18	1.30	188.74
RAA4-G14	2182	256	0.5 - 1	3.6	4.75	3.60	17.09
RAA4-G18N	1920	7,898	0.5 - 1	6.1	146.25	6.10	892.15
RAA4-G20	1903,1903A*,2011,2012,2012A*,2224	7,855	0.5 - 1	29	145.46	29.00	4,218.22
RAA4-G23	1904,1904A	9,163	0.5 - 1	45.5	169.68	45.50	7,720.47
RAA4-G27	1718	13,896	0.5 - 1	870	257.33	870.00	223,873.07
RAA4-G28	1905,1967	9,913	0.5 - 1	1,720	183.57	1,720.00	315,741.67
RAA4-G31	1669	9,946	0.5 - 1	1.8	184.19	1.80	331.55
RAA4-G33	1660	9,946	0.5 - 1	1.63	184.19	1.63	300.23
RAA4-G34	1654	5,738	0.5 - 1	3.4	106.26	3.40	361.30
RAA4-G35	2171	369	0.5 - 1	0.26	6.83	0.26	1.77
RAA4-H12	2180	16	0.5 - 1	1.2	0.29	1.20	0.35
RAA4-H17	1685	11,355	0.5 - 1	18.2	210.28	18.20	3,827.14
RAA4-H21	1683,2223,2225	6,554	0.5 - 1	7.4	121.38	7.40	898.19
RAA4-H24	1717,1962	10,291	0.5 - 1	400	190.57	400.00	76,228.15
RAA4-H27S	1906,1964	9,216	0.5 - 1	2,240	170.67	2,240.00	382,295.82
RAA4-H28S	1926,1955,1955A,1965	7,214	0.5 - 1	172	133.60	172.00	22,979.10
RAA4-H29	1674,1966	6,679	0.5 - 1	1,300	123.68	1,300.00	160,780.87
RAA4-H31	1670	6,744	0.5 - 1	0.87	124.90	0.87	108.66
RAA4-H33	2174	2,436	0.5 - 1	4.6	45.10	4.60	207.47
RAA4-HH30	1952,1953,1954,2058	3,353	0.5 - 1	32.7	62.09	32.70	2,030.23
RAA4-I15	1869	4,762	0.5 - 1	6.7	88.19	6.70	590.85
RAA4-I19	1716	9,018	0.5 - 1	48	166.99	48.00	8,015.72
RAA4-I21	1782,2221	6,801	0.5 - 1	22.4	125.95	22.40	2,821.30
RAA4-I23	1681,1961,2220,2386	7,818	0.5 - 1	183.5	144.78	183.50	26,567.10
RAA4-I25	1680,1963	7,738	0.5 - 1	12.2	143.30	12.20	1,748.32
RAA4-I27	1679,1679A,1956	4,059	0.5 - 1	26	75.16	26.00	1,954.16
RAA4-I28	2054,2054A,2056	2,553	0.5 - 1	5.1	47.27	5.10	241.08

**TABLE C-6  
EXISTING CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 1-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**0.5- TO 1-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-I30	2057,2057A	119	0.5 - 1	390	2.20	390.00	856.41
RAA4-J27	1703A,1957	1,888	0.5 - 1	2800	34.96	2,800.00	97,895.26
RAA4-J28	2053	22	0.5 - 1	54	0.40	54.00	21.54
RAA4-K19	1715	5,573	0.5 - 1	38	103.21	38.00	3,922.06
RAA4-K20	1921	6,369	0.5 - 1	245	117.95	245.00	28,898.57
RAA4-K23	1745,1745A,2385,2394	4,262	0.5 - 1	310	78.92	310.00	24,464.97
RAA4-K25	1743A,1743B,1958	4,636	0.5 - 1	9.8	85.85	9.80	841.34
RAA4-K26	2114B	107	0.5 - 1	170	1.98	170.00	337.36
RAA4-K27	2113	283	0.5 - 1	39	5.25	39.00	204.61
RAA4-L15	2176	56	0.5 - 1	278	1.04	278.00	288.81
RAA4-L16	2127	1,162	0.5 - 1	380	21.53	380.00	8,179.71
RAA4-L17	1900	1,909	0.5 - 1	1,600	35.35	1,600.00	56,560.59
RAA4-L18	1900A	2,287	0.5 - 1	80	42.35	80.00	3,388.31
RAA4-L19	2125A	693	0.5 - 1	54	12.83	54.00	692.57
RAA4-L23	2121A,2392	2,174	0.5 - 1	575	40.26	575.00	23,151.52
RAA4-L24	2117	957	0.5 - 1	13.2	17.72	13.20	233.86
RAA4-L25	2116A	131	0.5 - 1	2200	2.42	2,200.00	5,329.30
RAA4-M21	2123	671	0.5 - 1	98	12.43	98.00	1,217.87
RAA4-M22	2122	567	0.5 - 1	750	10.50	750.00	7,873.89
RCP-C1	1823	5,548	0.5 - 1	1.8	102.74	1.80	184.93
RCP-C2	2160	54	0.5 - 1	44	1.01	44.00	44.30
RCP-C4	2169	2,332	0.5 - 1	10	43.19	10.00	431.90
TW-SB-1	1842	5,596	0.5 - 1	7.2	103.62	7.20	746.08
X-4	1799,2017*,2375	7,451	0.5 - 1	0.43	137.99	0.43	59.33
X-5	1798,2019*,2020	10,112	0.5 - 1	7.5	187.27	7.50	1,404.51
X-6	1797,2022*,2023	6,435	0.5 - 1	2.2	119.16	2.20	262.15
X-7	1793,1972*	6,879	0.5 - 1	7.3	127.39	7.30	929.98
X-8	1792	9,237	0.5 - 1	26	171.06	26.00	4,447.61
X-9	1790	9,601	0.5 - 1	6.2	177.79	6.20	1,102.29
X-10	1789	1,277	0.5 - 1	50	23.65	50.00	1,182.47
X-12	1796	8,067	0.5 - 1	471	149.38	471.00	70,359.81
X-13	1795,1973*,1974	7,232	0.5 - 1	7.65	133.93	7.65	1,024.57
X-14	1791*,1978,2256,2350	4,229	0.5 - 1	9.5	78.31	9.50	743.94
X-15	1788,1982*,1983,2344	9,488	0.5 - 1	17.4	175.70	17.40	3,057.24
X-16	1785	3,788	0.5 - 1	0.07	70.15	0.07	4.91
X-18	1786,1989*,1990	2,830	0.5 - 1	0.025	52.41	0.03	1.31
X-19	1844	2,233	0.5 - 1	0.41	41.36	0.41	16.96
X-20	1845	4,446	0.5 - 1	1.6	82.33	1.60	131.72
Y-8	1804A	1,909	0.5 - 1	218	35.34	218.00	7,705.09
Y-9	1805,2393	5,813	0.5 - 1	2,420	107.64	2,420.00	260,500.00
Y-10	1806,1959,1960	4,897	0.5 - 1	115	90.68	115.00	10,428.14
Y-12	1808	6,499	0.5 - 1	119	120.36	119.00	14,322.29
Y-13	1810	8,021	0.5 - 1	91	148.54	91.00	13,516.72
Y-14	1811,2222	5,911	0.5 - 1	67	109.47	67.00	7,334.22
Y-15	1812,2219	6,872	0.5 - 1	152	127.26	152.00	19,344.17
Y-16	2179	1,537	0.5 - 1	0.025	28.46	0.03	0.71
Y-19	1855,2013*,2013A,2014,2087	7,917	0.5 - 1	120	146.62	120.00	17,593.82
Y-20	1813,2010	7,195	0.5 - 1	140	133.24	140.00	18,653.16
Y-21	2183	4,093	0.5 - 1	0.91	75.80	0.91	68.98
Y-22	1822	4,862	0.5 - 1	0.0175	90.03	0.02	1.58
Y-23	1815	4,501	0.5 - 1	0.1	83.35	0.10	8.34
Y-24	1816,1816A,2015*,2016	8,936	0.5 - 1	0.58	165.48	0.58	95.98
Y-26	1817,2324	7,350	0.5 - 1	0.36	136.11	0.36	49.00
<b>Totals:</b>	--	882,804	--	--	16,348.22	--	2,750,760.82
<b>Volume-Weighted Average:</b>							<b>168.26</b>



**TABLE C-6  
EXISTING CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 1-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
<b>Totals:</b>	--	882,804	0 - 1	--	32,696.44	--	5,281,888.59
<b>Volume-Weighted Average:</b>							<b>161.54</b>

Notes:

1. Polygon ID and area based on information shown on Figures C-1 and C-2.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. \* = Indicates paved polygon that has been evaluated as unpaved for the purposes of demonstrating achievement of Performance Standards and for the purposes of the forthcoming ERE. Although evaluated in this manner, these polygons will remain paved.

**TABLE C-7**  
**EXISTING CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 1- TO 6-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**1- TO 2-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
60-1	1328	3,347	1 - 2	22	123.95	22.00	2,726.91
60-5	1327	7,257	1 - 2	17.7	268.77	17.70	4,757.27
95-04	1316,1316A	5,276	1 - 2	3.8	195.42	3.80	742.59
95-07	1287	5,193	1 - 2	3,100	192.32	3,100.00	596,187.41
95-08	1266	4,831	1 - 2	0.65	178.92	0.65	116.30
95-09	2115	7,653	1 - 2	0.31	283.45	0.31	87.87
95-19	1290	6,846	1 - 2	4.8	253.54	4.80	1,217.01
95-26	1265	5,616	1 - 2	330	208.00	330.00	68,639.76
CRA-1	2090	6,026	1 - 2	1.28	223.18	1.28	285.66
CRA-2	2091	3,635	1 - 2	1.19	134.65	1.19	160.23
CRA-3	1520,2096	4,781	1 - 2	<b>0.23</b>	177.08	0.23	40.73
CRA-4	2095	5,630	1 - 2	0.2	208.50	0.20	41.70
CRA-5	2094	6,439	1 - 2	0.84	238.48	0.84	200.32
CRA-6	2093	9,479	1 - 2	0.284	351.07	0.28	99.70
CRA-7	2092	6,469	1 - 2	0.111	239.58	0.11	26.59
CRA-8	1521,2097	8,767	1 - 2	1.1	324.69	1.10	357.16
CRA-9	2098	7,091	1 - 2	5.6	262.64	5.60	1,470.79
CRA-10	2099	8,438	1 - 2	0.73	312.52	0.73	228.14
CRA-11	2100	10,012	1 - 2	1.06	370.82	1.06	393.07
CRA-12	2101	9,513	1 - 2	3.4	352.32	3.40	1,197.90
CRA-13	2102	7,401	1 - 2	<b>0.023</b>	274.11	0.02	6.30
CRA-14	1522,2108	8,530	1 - 2	1.81	315.92	1.81	571.81
CRA-15	1523,2107	9,308	1 - 2	2.3	344.75	2.30	792.93
CRA-16	1524,2106	8,253	1 - 2	0.89	305.66	0.89	272.04
CRA-17	1525,2105	9,802	1 - 2	42	363.05	42.00	15,248.30
CRA-18	1526,2104	8,471	1 - 2	0.32	313.73	0.32	100.39
CRA-19	1102,2103	3,475	1 - 2	0.38	128.69	0.38	48.90
CRA-20	2109	2,678	1 - 2	0.058	99.19	0.06	5.75
CRA-21	2110	3,437	1 - 2	<b>0.0235</b>	127.28	0.02	2.99
CRA-22	2111	2,166	1 - 2	0.95	80.21	0.95	76.20
E2SC-05	1231,2132	5,426	1 - 2	0.29	200.97	0.29	58.28
E2SC-06	1279	4,931	1 - 2	0.072	182.64	0.07	13.15
E2SC-07	1311	3,038	1 - 2	0.28	112.52	0.28	31.51
E2SC-13	1434	549	1 - 2	<b>0.018</b>	20.32	0.02	0.37
E2SC-14	1230,2134	5,296	1 - 2	<b>0.0185</b>	196.15	0.02	3.63
E2SC-25	1292	8,070	1 - 2	<b>0.085</b>	298.90	0.09	25.41
ES2-5	1285	12,274	1 - 2	6.95	454.61	6.95	3,159.53
RAA4-2	1105	7,862	1 - 2	<b>0.11</b>	291.19	0.11	32.03
RAA4-4	1106	9,018	1 - 2	1.4	334.01	1.40	467.62
RAA4-14	1103,2135,2136	3,434	1 - 2	<b>0.02125</b>	127.17	0.02	2.70
RAA4-15	2117	1,165	1 - 2	0.076	43.14	0.08	3.28
RAA4-16	1107	4,293	1 - 2	<b>0.55</b>	158.99	0.55	87.45
RAA4-16NW	1107A	5,183	1 - 2	18	191.98	18.00	3,455.62
RAA4-17	1108	4,115	1 - 2	0.03	152.39	0.03	4.57
RAA4-18	1109,2133	5,342	1 - 2	1.08	197.86	1.08	213.69
RAA4-19	1110	4,901	1 - 2	<b>0.018</b>	181.51	0.02	3.27
RAA4-20	1111	6,747	1 - 2	<b>0.0195</b>	249.89	0.02	4.87
RAA4-21	1112,2128	4,524	1 - 2	<b>0.199</b>	167.55	0.20	33.34
RAA4-22	2112	736	1 - 2	<b>0.019</b>	27.24	0.02	0.52
RAA4-23	1101,2116	1,503	1 - 2	0.058	55.67	0.06	3.23
RAA4-A33	1222	4,723	1 - 2	0.89	174.94	0.89	155.69
RAA4-A34	1130	3,840	1 - 2	1.79	142.22	1.79	254.57
RAA4-A35	1129	4,345	1 - 2	0.57	160.91	0.57	91.72
RAA4-A37	1224,2130	4,194	1 - 2	1.2	155.32	1.20	186.39
RAA4-B29	1159	5,974	1 - 2	1.3	221.25	1.30	287.62
RAA4-B31	1146	8,495	1 - 2	0.04	314.63	0.04	12.59
RAA4-B33E	1357	8,259	1 - 2	0.46	305.88	0.46	140.70
RAA4-B34	1131	7,774	1 - 2	<b>0.105</b>	287.94	0.11	30.23

**TABLE C-7**  
**EXISTING CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 1- TO 6-FOOT DEPTH INCREMENT**  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**1- TO 2-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-B35	1128	5,427	1 - 2	0.385	201.01	0.39	77.39
RAA4-C23	1207	4,528	1 - 2	0.0225	167.71	0.02	3.77
RAA4-C25	1202	5,657	1 - 2	0.044	209.50	0.04	9.22
RAA4-C25N	1202A	1,043	1 - 2	0.02	38.65	0.02	0.77
RAA4-C27	1160	7,047	1 - 2	0.73	261.01	0.73	190.53
RAA4-C27N	1160A	2,895	1 - 2	0.67	107.22	0.67	71.84
RAA4-C29	1158	7,318	1 - 2	0.13	271.03	0.13	35.23
RAA4-C30S	1354	6,528	1 - 2	0.88	241.77	0.88	212.76
RAA4-C31	1147	8,782	1 - 2	10.315	325.28	10.32	3,355.22
RAA4-C33	1145	3,664	1 - 2	10.3	135.70	10.30	1,397.67
RAA4-C33S	1337	4,401	1 - 2	3.8	163.00	3.80	619.42
RAA4-C34	1132,1482	3,667	1 - 2	1.35	135.82	1.35	183.36
RAA4-C35	1127	6,207	1 - 2	7.925	229.90	7.93	1,821.96
RAA4-D19	1203	5,963	1 - 2	0.02	220.87	0.02	4.42
RAA4-D21	1201A	7,143	1 - 2	0.0195	264.54	0.02	5.16
RAA4-D21N	1201	2,876	1 - 2	0.037	106.52	0.04	3.94
RAA4-D23	1165	9,341	1 - 2	0.0185	345.95	0.02	6.40
RAA4-D25	1208	7,442	1 - 2	0.014	275.63	0.01	3.86
RAA4-D26	1352A	4,531	1 - 2	0.088	167.82	0.09	14.77
RAA4-D26S	1352	4,009	1 - 2	19	148.49	19.00	2,821.35
RAA4-D27	1219	6,479	1 - 2	0.875	239.94	0.88	209.95
RAA4-D31	1148	3,855	1 - 2	1.325	142.78	1.33	189.18
RAA4-D33	1144	5,913	1 - 2	7.655	218.99	7.66	1,676.37
RAA4-D34	1133	6,571	1 - 2	9.2	243.38	9.20	2,239.14
RAA4-D36	1119	9,295	1 - 2	21	344.27	21.00	7,229.75
RAA4-E15	1167	4,047	1 - 2	0.027	149.89	0.03	4.05
RAA4-E15N	1167A	1,302	1 - 2	0.53	48.22	0.53	25.56
RAA4-E16	1339	4,033	1 - 2	0.0385	149.39	0.04	5.75
RAA4-E17N	1264A	3,515	1 - 2	0.62	130.17	0.62	80.70
RAA4-E19	1204	8,451	1 - 2	1.37	312.99	1.37	428.79
RAA4-E21	1205	7,649	1 - 2	0.0195	283.28	0.02	5.52
RAA4-E22	1330	4,894	1 - 2	7.4	181.27	7.40	1,341.39
RAA4-E23	1206	8,572	1 - 2	23	317.50	23.00	7,302.41
RAA4-E27	1220	7,253	1 - 2	770	268.64	770.00	206,851.66
RAA4-E29	1157	3,908	1 - 2	85	144.75	85.00	12,303.75
RAA4-E30S	1353	6,930	1 - 2	43	256.67	43.00	11,036.70
RAA4-E33	1143	8,407	1 - 2	34	311.38	34.00	10,586.92
RAA4-E35	1126	8,704	1 - 2	49	322.35	49.00	15,795.31
RAA4-E36	1120	4,898	1 - 2	26	181.40	26.00	4,716.52
RAA4-E38	1439	1,441	1 - 2	0.209	53.37	0.21	11.15
RAA4-E39	1438	125	1 - 2	0.64	4.65	0.64	2.97
RAA4-F16	1340	4,739	1 - 2	0.0435	175.50	0.04	7.63
RAA4-F18	1341	4,264	1 - 2	0.019	157.92	0.02	3.00
RAA4-F23	1229	5,052	1 - 2	5.5	187.13	5.50	1,029.20
RAA4-F23S	1331	5,990	1 - 2	570	221.83	570.00	126,445.21
RAA4-F25	1225	10,382	1 - 2	520	384.51	520.00	199,947.32
RAA4-F27	1221,1221A,1221B,1221C	3,325	1 - 2	3,900	123.14	3,900.00	480,243.11
RAA4-F28	1336,1336A,1336B,1336C,1336D	4,482	1 - 2	1,900	165.99	1,900.00	315,373.96
RAA4-F29	1156	4,944	1 - 2	162	183.11	162.00	29,663.10
RAA4-F31	1149	8,815	1 - 2	300	326.50	300.00	97,949.33
RAA4-F33	1142	9,935	1 - 2	0.086	367.97	0.09	31.65
RAA4-F34	1134	11,717	1 - 2	0.172	433.98	0.17	74.64
RAA4-F35	1125	7,840	1 - 2	16.4	290.37	16.40	4,762.01
RAA4-G14	1459	4	1 - 2	1.44	0.16	1.44	0.23
RAA4-G18N	1350	9,500	1 - 2	47	351.87	47.00	16,537.72
RAA4-G20	1332	7,855	1 - 2	20.1	290.91	20.10	5,847.33
RAA4-G23	1333	9,163	1 - 2	22	339.36	22.00	7,465.94
RAA4-G27	1200	11,394	1 - 2	133	421.99	133.00	56,125.26

**TABLE C-7  
EXISTING CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 1- TO 6-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**1- TO 2-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-G27E	1334A	5,341	1 - 2	480	197.82	480.00	94,953.07
RAA4-G28	1334	5,584	1 - 2	380	206.82	380.00	78,593.29
RAA4-G31	1150	9,946	1 - 2	0.018	368.39	0.02	6.63
RAA4-G33	1141	9,946	1 - 2	0.02	368.38	0.02	7.37
RAA4-G34	1135	5,738	1 - 2	0.0185	212.53	0.02	3.93
RAA4-G35	1452	369	1 - 2	0.018	13.65	0.02	0.25
RAA4-H21	1166	6,655	1 - 2	210	246.47	210.00	51,759.17
RAA4-H24	1199	10,291	1 - 2	57.5	381.14	57.50	21,915.59
RAA4-H27	1161	7,437	1 - 2	891	275.45	891.00	245,421.66
RAA4-H27S	1335	6,094	1 - 2	330	225.72	330.00	74,486.74
RAA4-H28S	1356	7,252	1 - 2	260	268.60	260.00	69,836.39
RAA4-H29	1155	8,538	1 - 2	645	316.23	645.00	203,970.50
RAA4-H31	1151	7,562	1 - 2	0.0185	280.06	0.02	5.18
RAA4-H33	1455	2,436	1 - 2	0.88	90.21	0.88	79.38
RAA4-I19	1198	10,661	1 - 2	18	394.84	18.00	7,107.20
RAA4-I23	1164	8,630	1 - 2	173	319.62	173.00	55,294.90
RAA4-I25	1163	7,748	1 - 2	500	286.98	500.00	143,490.37
RAA4-I27	1162	5,465	1 - 2	58	202.42	58.00	11,740.34
RAA4-I31	1152A	289	1 - 2	0.56	10.72	0.56	6.00
RAA4-K15	1418	1,212	1 - 2	2,000	44.87	2,000.00	89,747.41
RAA4-K20	1351	8,660	1 - 2	65	320.76	65.00	20,849.14
RAA4-K23	1228	5,755	1 - 2	330	213.17	330.00	70,344.63
RAA4-K25	1226	4,856	1 - 2	870	179.85	870.00	156,471.76
RAA4-K27	1185	2,037	1 - 2	540	75.43	540.00	40,730.60
RAA4-M19	1413	671	1 - 2	11.1	24.85	11.10	275.79
RAA4-M21	1411	758	1 - 2	173	28.08	173.00	4,857.26
RAA4-M23	1410	659	1 - 2	970	24.41	970.00	23,675.90
RCP-C1	1270	1,343	1 - 2	18	49.74	18.00	895.29
RCP-C2	1441	54	1 - 2	17	2.01	17.00	34.23
RCP-C4	1450	2,289	1 - 2	1.2	84.78	1.20	101.73
TW-SB-1	1291	5,596	1 - 2	6.8	207.25	6.80	1,409.27
X-4	1246	5,550	1 - 2	0.43	205.55	0.43	88.38
X-5	1245	8,138	1 - 2	7.5	301.42	7.50	2,260.67
X-6	1244	4,746	1 - 2	2.2	175.78	2.20	386.72
X-7	1240	6,879	1 - 2	7.3	254.79	7.30	1,859.95
X-8	1239	9,237	1 - 2	26	342.12	26.00	8,895.23
X-9	1237	9,479	1 - 2	6.2	351.09	6.20	2,176.73
Y-10	1253	5,764	1 - 2	115	213.47	115.00	24,548.84
X-10	1236	1,277	1 - 2	50	47.30	50.00	2,364.94
X-12	1243	6,828	1 - 2	471	252.87	471.00	119,103.69
X-13	1242	5,729	1 - 2	7.65	212.18	7.65	1,623.15
X-14	1238	4,229	1 - 2	9.5	156.62	9.50	1,487.88
X-15	1235	9,480	1 - 2	17.4	351.11	17.40	6,109.27
X-16	1232,2131	5,028	1 - 2	0.07	186.23	0.07	13.04
X-17	2114	5,587	1 - 2	0.0185	206.92	0.02	3.83
X-18	1233	3,959	1 - 2	0.025	146.65	0.03	3.67
X-19	1293	2,233	1 - 2	0.41	82.72	0.41	33.92
X-20	1294	4,446	1 - 2	1.6	164.65	1.60	263.45
Y-7	1414	522	1 - 2	38	19.35	38.00	735.36
Y-8	1251	4,149	1 - 2	218	153.66	218.00	33,497.40
Y-9	1252	6,767	1 - 2	2,420	250.64	2,420.00	606,541.63
Y-12	1255	8,309	1 - 2	119	307.75	119.00	36,621.94
Y-13	1257	11,373	1 - 2	91	421.24	91.00	38,332.40

**TABLE C-7**  
**EXISTING CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 1- TO 6-FOOT DEPTH INCREMENT**  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**1- TO 2-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Y-14	1258	10,082	1 - 2	67	373.42	67.00	25,019.19
Y-15	1259	7,839	1 - 2	152	290.35	152.00	44,133.20
Y-19	1304	8,731	1 - 2	120	323.38	120.00	38,805.29
Y-20	1260	7,195	1 - 2	140	266.47	140.00	37,306.32
Y-21	1460	5,188	1 - 2	0.91	192.14	0.91	174.84
Y-22	1269	4,862	1 - 2	<b>0.0175</b>	180.06	0.02	3.15
Y-23	1262	4,501	1 - 2	0.1	166.70	0.10	16.67
Y-24	1263	8,936	1 - 2	0.58	330.96	0.58	191.96
Y-26	1264	4,734	1 - 2	0.36	175.32	0.36	63.11
<b>Totals:</b>	--	1,037,592	--	--	38,429.35	--	4,839,992.33
<b>Volume-Weighted Average:</b>							<b>125.95</b>

**2- TO 3-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
60-1	1307	3,361	2 - 3	22	124.49	22.00	2,738.68
60-5	1306	7,186	2 - 3	17.7	266.15	17.70	4,710.87
95-02	1272	2,375	2 - 3	0.81	87.94	0.81	71.24
95-04	1295,1295A	4,967	2 - 3	390	183.97	390.00	71,747.29
95-05	1270	6,472	2 - 3	29	239.70	29.00	6,951.22
95-07	1271	5,193	2 - 3	<b>0.185</b>	192.32	0.19	35.58
95-08	1251	4,898	2 - 3	5.2	181.40	5.20	943.25
95-09	2115	7,653	2 - 3	0.31	283.45	0.31	87.87
95-19	1275	3,457	2 - 3	1.9	128.03	1.90	243.26
95-26	1250	5,616	2 - 3	11	208.00	11.00	2,287.99
CRA-1	2090	6,026	2 - 3	1.28	223.18	1.28	285.66
CRA-2	2091	3,635	2 - 3	1.19	134.65	1.19	160.23
CRA-3	1494,2096	4,781	2 - 3	<b>0.23</b>	177.08	0.23	40.73
CRA-4	2095	5,630	2 - 3	0.20	208.50	0.20	41.70
CRA-5	2094	6,439	2 - 3	0.84	238.48	0.84	200.32
CRA-6	2093	9,479	2 - 3	0.284	351.07	0.28	99.70
CRA-7	2092	6,469	2 - 3	0.111	239.58	0.11	26.59
CRA-8	1495,2097	8,767	2 - 3	1.1	324.69	1.10	357.16
CRA-9	2098	7,091	2 - 3	5.6	262.64	5.60	1,470.79
CRA-10	2099	8,438	2 - 3	0.73	312.52	0.73	228.14
CRA-11	2100	10,012	2 - 3	1.06	370.82	1.06	393.07
CRA-12	2101	9,513	2 - 3	3.4	352.32	3.40	1,197.90
CRA-13	2102	7,401	2 - 3	<b>0.023</b>	274.11	0.02	6.30
CRA-14	1500,2108	8,530	2 - 3	1.81	315.92	1.81	571.81
CRA-15	1499,2107	9,308	2 - 3	2.3	344.75	2.30	792.93
CRA-16	1496,2106	8,253	2 - 3	0.89	305.66	0.89	272.04
CRA-17	1497,2105	9,802	2 - 3	42	363.05	42.00	15,248.30
CRA-18	1498,2104	8,471	2 - 3	0.32	313.73	0.32	100.39
CRA-19	1088,2103	3,475	2 - 3	0.38	128.69	0.38	48.90
CRA-20	2109	2,678	2 - 3	0.058	99.19	0.06	5.75
CRA-21	2110	3,437	2 - 3	<b>0.0235</b>	127.28	0.02	2.99
CRA-22	2111	2,166	2 - 3	0.95	80.21	0.95	76.20
E2SC-05	1217,2132	5,426	2 - 3	0.29	200.97	0.29	58.28
E2SC-06	1262	4,931	2 - 3	0.072	182.64	0.07	13.15
E2SC-07	1291	3,038	2 - 3	0.28	112.52	0.28	31.51
E2SC-13	1414	549	2 - 3	<b>0.018</b>	20.32	0.02	0.37
E2SC-14	1216,2134	5,296	2 - 3	<b>0.0185</b>	196.15	0.02	3.63
E2SC-25	1277	8,070	2 - 3	<b>0.085</b>	298.90	0.09	25.41
ES2-5	1268	4,460	2 - 3	<b>0.025</b>	165.19	0.03	4.13
RAA4-2	1091	7,862	2 - 3	<b>0.11</b>	291.19	0.11	32.03
RAA4-4	1092	9,018	2 - 3	1.4	334.01	1.40	467.62
RAA4-14	1089,2135,2136	3,434	2 - 3	<b>0.02125</b>	127.17	0.02	2.70

**TABLE C-7**  
**EXISTING CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 1- TO 6-FOOT DEPTH INCREMENT**  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**2- TO 3-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-15	2117	1,165	2 - 3	0.076	43.14	0.08	3.28
RAA4-16	1093	4,293	2 - 3	0.55	158.99	0.55	87.45
RAA4-16NW	1093A	5,183	2 - 3	18	191.98	18.00	3,455.62
RAA4-17	1094	4,115	2 - 3	0.03	152.39	0.03	4.57
RAA4-18	1095,2133	5,342	2 - 3	1.08	197.86	1.08	213.69
RAA4-19	1096	4,901	2 - 3	0.018	181.51	0.02	3.27
RAA4-20	1097	6,747	2 - 3	0.0195	249.89	0.02	4.87
RAA4-21	1098,2128	4,524	2 - 3	0.199	167.55	0.20	33.34
RAA4-22	2112	736	2 - 3	0.019	27.24	0.02	0.52
RAA4-23	1087,2116	1,503	2 - 3	0.058	55.67	0.06	3.23
RAA4-A33	1208	4,723	2 - 3	0.89	174.94	0.89	155.69
RAA4-A34	1116	3,840	2 - 3	1.79	142.22	1.79	254.57
RAA4-A35	1115	4,345	2 - 3	0.57	160.91	0.57	91.72
RAA4-A37	1210,2130	4,194	2 - 3	1.2	155.32	1.20	186.39
RAA4-B29	1145	5,974	2 - 3	1.3	221.25	1.30	287.62
RAA4-B31	1132	8,495	2 - 3	0.04	314.63	0.04	12.59
RAA4-B33E	1336	8,259	2 - 3	0.46	305.88	0.46	140.70
RAA4-B34	1117	7,774	2 - 3	0.105	287.94	0.11	30.23
RAA4-B35	1114	5,427	2 - 3	0.385	201.01	0.39	77.39
RAA4-C23	1193	4,528	2 - 3	0.0225	167.71	0.02	3.77
RAA4-C25	1188	5,657	2 - 3	0.044	209.50	0.04	9.22
RAA4-C25N	1188A	1,043	2 - 3	0.02	38.65	0.02	0.77
RAA4-C27	1146	7,047	2 - 3	0.73	261.01	0.73	190.53
RAA4-C27N	1146A	2,895	2 - 3	0.67	107.22	0.67	71.84
RAA4-C29	1144	7,318	2 - 3	0.13	271.03	0.13	35.23
RAA4-C30S	1333	7,603	2 - 3	0.88	281.59	0.88	247.80
RAA4-C31	1133	8,782	2 - 3	10.315	325.28	10.32	3,355.22
RAA4-C33	1131	3,664	2 - 3	10.3	135.70	10.30	1,397.67
RAA4-C33S	1316	4,401	2 - 3	3.8	163.00	3.80	619.42
RAA4-C34	1118,1461	3,667	2 - 3	1.35	135.82	1.35	183.36
RAA4-C35	1113	6,207	2 - 3	7.925	229.90	7.93	1,821.96
RAA4-D19	1189	5,963	2 - 3	0.02	220.87	0.02	4.42
RAA4-D21	1187	7,143	2 - 3	0.0195	264.54	0.02	5.16
RAA4-D21N	1187A	2,876	2 - 3	0.037	106.52	0.04	3.94
RAA4-D23	1151	9,341	2 - 3	0.0185	345.95	0.02	6.40
RAA4-D25	1194	7,442	2 - 3	0.014	275.63	0.01	3.86
RAA4-D26	1331A	4,531	2 - 3	0.088	167.82	0.09	14.77
RAA4-D26S	1331	4,009	2 - 3	19	148.49	19.00	2,821.35
RAA4-D27	1205	6,479	2 - 3	0.875	239.94	0.88	209.95
RAA4-D31	1134	6,807	2 - 3	1.325	252.10	1.33	334.04
RAA4-D33	1130	5,913	2 - 3	7.655	218.99	7.66	1,676.37
RAA4-D34	1119	6,571	2 - 3	9.2	243.38	9.20	2,239.14
RAA4-D36	1105	9,299	2 - 3	21	344.40	21.00	7,232.35
RAA4-E15	1153	4,047	2 - 3	0.027	149.89	0.03	4.05
RAA4-E15N	1153A	1,302	2 - 3	0.53	48.22	0.53	25.56
RAA4-E16	1318	4,033	2 - 3	0.0385	149.39	0.04	5.75
RAA4-E17N	1249A	3,515	2 - 3	0.62	130.17	0.62	80.70
RAA4-E19	1190	8,451	2 - 3	1.37	312.99	1.37	428.79
RAA4-E21	1191	7,649	2 - 3	0.0195	283.28	0.02	5.52
RAA4-E22	1309	4,894	2 - 3	7.4	181.27	7.40	1,341.39
RAA4-E23	1192	8,572	2 - 3	23	317.50	23.00	7,302.41
RAA4-E27	1206	7,253	2 - 3	770	268.64	770.00	206,851.66
RAA4-E29	1143	3,932	2 - 3	85	145.61	85.00	12,377.07
RAA4-E30S	1332	6,968	2 - 3	43	258.07	43.00	11,096.82
RAA4-E33	1129	8,407	2 - 3	34	311.38	34.00	10,586.92
RAA4-E35	1112	8,798	2 - 3	49	325.84	49.00	15,966.03
RAA4-E36	1106	6,178	2 - 3	26	228.83	26.00	5,949.53
RAA4-E38	1419	1,441	2 - 3	0.209	53.37	0.21	11.15

**TABLE C-7  
EXISTING CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 1- TO 6-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**2- TO 3-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-E39	1418	125	2 - 3	0.64	4.65	0.64	2.97
RAA4-F16	1319	4,739	2 - 3	<b>0.0435</b>	175.50	0.04	7.63
RAA4-F18	1320	4,264	2 - 3	<b>0.019</b>	157.92	0.02	3.00
RAA4-F23	1215	5,052	2 - 3	5.5	187.13	5.50	1,029.20
RAA4-F23S	1310	5,551	2 - 3	570	205.58	570.00	117,178.91
RAA4-F25	1211	7,155	2 - 3	520	265.01	520.00	137,804.43
RAA4-F27	1207,1207A,1207B,1207C	3,325	2 - 3	3,900	123.14	3,900.00	480,243.11
RAA4-F28	1315,1315A,1315B,1315C,1315D	4,482	2 - 3	1,900	165.99	1,900.00	315,376.07
RAA4-F29	1142	4,944	2 - 3	162	183.11	162.00	29,663.10
RAA4-F31	1135	8,815	2 - 3	300	326.50	300.00	97,949.33
RAA4-F33	1128	9,935	2 - 3	0.086	367.97	0.09	31.65
RAA4-F34	1120	11,717	2 - 3	0.172	433.98	0.17	74.64
RAA4-F35	1111	8,424	2 - 3	16.4	311.99	16.40	5,116.61
RAA4-F36	1428	1,375	2 - 3	<b>0.0185</b>	50.94	0.02	0.94
RAA4-G18N	1329	8,335	2 - 3	47	308.70	47.00	14,508.90
RAA4-G20	1311	7,855	2 - 3	20.1	290.91	20.10	5,847.33
RAA4-G23	1312	8,441	2 - 3	22	312.62	22.00	6,877.63
RAA4-G27	1186	9,619	2 - 3	133	356.25	133.00	47,381.35
RAA4-G27E	1250A	5,341	2 - 3	480	197.82	480.00	94,953.07
RAA4-G28	1313	5,584	2 - 3	380	206.82	380.00	78,593.29
RAA4-G31	1136	9,946	2 - 3	<b>0.018</b>	368.39	0.02	6.63
RAA4-G33	1127	9,946	2 - 3	0.02	368.38	0.02	7.37
RAA4-G34	1121	5,738	2 - 3	<b>0.0185</b>	212.53	0.02	3.93
RAA4-G35	1430	369	2 - 3	<b>0.018</b>	13.65	0.02	0.25
RAA4-H21	1152	6,655	2 - 3	210	246.47	210.00	51,759.17
RAA4-H24	1185	10,291	2 - 3	57.5	381.14	57.50	21,915.59
RAA4-H27	1147	7,437	2 - 3	891	275.45	891.00	245,421.66
RAA4-H27S	1314	6,094	2 - 3	330	225.72	330.00	74,486.74
RAA4-H28S	1335	5,618	2 - 3	260	208.08	260.00	54,100.03
RAA4-H29	1141	7,928	2 - 3	645	293.64	645.00	189,399.95
RAA4-H31	1137	7,561	2 - 3	<b>0.0185</b>	280.06	0.02	5.18
RAA4-H33	1433	2,436	2 - 3	0.88	90.21	0.88	79.38
RAA4-I19	1184	9,580	2 - 3	18	354.82	18.00	6,386.69
RAA4-I23	1150	8,630	2 - 3	173	319.62	173.00	55,294.90
RAA4-I25	1149	7,748	2 - 3	500	286.98	500.00	143,490.37
RAA4-I27	1148	5,426	2 - 3	58	200.98	58.00	11,656.82
RAA4-I31	1435	198	2 - 3	0.56	7.33	0.56	4.11
RAA4-K15	1398	1,212	2 - 3	2,000	44.87	2,000.00	89,747.41
RAA4-K20	1330	8,660	2 - 3	65	320.76	65.00	20,849.14
RAA4-K23	1214	5,755	2 - 3	330	213.17	330.00	70,344.63
RAA4-K25	1212	4,856	2 - 3	870	179.85	870.00	156,471.76
RAA4-K27	1171	2,037	2 - 3	540	75.43	540.00	40,730.60
RAA4-M19	1393	671	2 - 3	11.1	24.85	11.10	275.79
RAA4-M21	1391	758	2 - 3	173	28.08	173.00	4,857.26
RAA4-M23	1390	659	2 - 3	970	24.41	970.00	23,675.90
TW-SB-1	1276	5,596	2 - 3	<b>0.375</b>	207.25	0.38	77.72
X-4	1231	5,550	2 - 3	100	205.55	100.00	20,554.52
X-5	1230	8,138	2 - 3	280	301.42	280.00	84,398.33
X-6	1229	4,746	2 - 3	77	175.78	77.00	13,535.17
X-7	1226	7,305	2 - 3	27	270.55	27.00	7,304.77
X-8	1225	9,237	2 - 3	16.9	342.12	16.90	5,781.90
X-9	1223	9,479	2 - 3	0.51	351.09	0.51	179.05
X-10	1222	1,559	2 - 3	105.5	57.76	105.50	6,093.56
X-12	1228	8,029	2 - 3	40	297.35	40.00	11,894.07
X-14	1224	4,229	2 - 3	1.5	156.62	1.50	234.93
X-15	1221	9,480	2 - 3	3.4	351.11	3.40	1,193.77
X-16	1218,2131	5,028	2 - 3	0.6	186.23	0.60	111.74
X-17	2114	5,587	2 - 3	<b>0.0185</b>	206.92	0.02	3.83

**TABLE C-7  
EXISTING CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 1- TO 6-FOOT DEPTH INCREMENT  
SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**2- TO 3-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
X-18	1219	3,959	2 - 3	0.025	146.65	0.03	3.67
X-19	1278	2,233	2 - 3	0.46	82.72	0.46	38.05
X-20	1279	4,446	2 - 3	0.025	164.65	0.03	4.12
Y-7	1394	522	2 - 3	1.62	19.35	1.62	31.35
Y-8	1236	4,149	2 - 3	9.8	153.66	9.80	1,505.85
Y-9	1237	6,767	2 - 3	54	250.64	54.00	13,534.40
Y-10	1238	5,764	2 - 3	38.2	213.47	38.20	8,154.48
Y-12	1240	8,309	2 - 3	39	307.75	39.00	12,002.15
Y-13	1242	11,345	2 - 3	1.4	420.19	1.40	588.26
Y-14	1243	10,082	2 - 3	270	373.42	270.00	100,823.60
Y-15	1244	7,839	2 - 3	37.65	290.35	37.65	10,931.68
Y-17	1284	4,547	2 - 3	6.3	168.39	6.30	1,060.87
Y-18	1286	10,995	2 - 3	10.1	407.23	10.10	4,113.02
Y-19	1285	8,197	2 - 3	0.86	303.58	0.86	261.08
Y-20	1245	7,194	2 - 3	30	266.46	30.00	7,993.83
Y-21	1439	3,733	2 - 3	1.1	138.27	1.10	152.10
Y-22	1254	4,862	2 - 3	0.025	180.06	0.03	4.50
Y-23	1247	4,501	2 - 3	0.2575	166.70	0.26	42.93
Y-24	1248	8,936	2 - 3	2.7	330.96	2.70	893.60
Y-26	1249	4,734	2 - 3	0.365	175.32	0.37	63.99
<b>Totals:</b>	--	1,037,592	--	--	38,429.34	--	3,418,833.65
<b>Volume-Weighted Average:</b>							<b>88.96</b>

**3- TO 4-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
60-1	1298	3,361	3 - 4	22	124.49	22.00	2,738.68
60-5	1297	7,186	3 - 4	17.7	266.15	17.70	4,710.87
95-02	1271	2,375	3 - 4	0.81	87.94	0.81	71.24
95-04	1294,1294A	4,967	3 - 4	390	183.97	390.00	71,747.29
95-05	1269	6,470	3 - 4	29	239.62	29.00	6,948.93
95-07	1270	5,193	3 - 4	0.185	192.32	0.19	35.58
95-08	1250	4,898	3 - 4	5.2	181.40	5.20	943.25
95-09	1329	7,653	3 - 4	0.021	283.45	0.02	5.95
95-19	1274	3,457	3 - 4	1.9	128.03	1.90	243.26
95-26	1249	5,616	3 - 4	11	208.00	11.00	2,287.99
CRA-1	1068	6,026	3 - 4	0.021	223.18	0.02	4.69
CRA-2	1069	3,635	3 - 4	0.0235	134.65	0.02	3.16
CRA-3	1074,1463	4,781	3 - 4	0.135	177.08	0.14	23.91
CRA-4	1073	5,630	3 - 4	0.44	208.50	0.44	91.74
CRA-5	1072	6,439	3 - 4	0.022	238.48	0.02	5.25
CRA-6	1071	9,479	3 - 4	0.0245	351.07	0.02	8.60
CRA-7	1070	6,469	3 - 4	0.026	239.58	0.03	6.23
CRA-8	1075,1462	8,767	3 - 4	0.02	324.69	0.02	6.49
CRA-9	1076	7,091	3 - 4	0.029	262.64	0.03	7.62
CRA-10	1077	8,438	3 - 4	0.022	312.52	0.02	6.88
CRA-11	1078	10,012	3 - 4	0.0205	370.82	0.02	7.60
CRA-12	1079	9,513	3 - 4	2.72	352.32	2.72	958.32
CRA-13	1080	7,401	3 - 4	0.023	274.11	0.02	6.30
CRA-14	1086,1460	8,530	3 - 4	0.021	315.92	0.02	6.63
CRA-15	1085,1457	9,308	3 - 4	0.0235	344.75	0.02	8.10
CRA-16	1084,1455	8,253	3 - 4	1.14	305.66	1.14	348.45
CRA-17	1083,1454	9,802	3 - 4	0.021	363.05	0.02	7.62
CRA-18	1082,1453	9,652	3 - 4	0.0215	357.49	0.02	7.69
CRA-19	1081,1330	4,789	3 - 4	0.021	177.36	0.02	3.72
CRA-20	1087	2,678	3 - 4	0.35	99.19	0.35	34.72



**TABLE C-7**  
**EXISTING CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 1- TO 6-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**3- TO 4-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
CRA-21	1088	3,437	3 - 4	0.205	127.28	0.21	26.09
CRA-22	1089	2,166	3 - 4	0.024	80.21	0.02	1.92
E2SC-05	1216,1459	5,426	3 - 4	0.29	200.97	0.29	58.28
E2SC-06	1261	4,931	3 - 4	0.072	182.64	0.07	13.15
E2SC-07	1290	3,038	3 - 4	0.28	112.52	0.28	31.51
E2SC-13	1403	549	3 - 4	0.018	20.32	0.02	0.37
E2SC-14	1215,1456	5,296	3 - 4	0.0185	196.15	0.02	3.63
E2SC-25	1276	8,070	3 - 4	0.085	298.90	0.09	25.41
ES2-5	1267	4,460	3 - 4	0.025	165.19	0.03	4.13
RAA4-2	1090	7,862	3 - 4	0.11	291.19	0.11	32.03
RAA4-4	1091	9,018	3 - 4	1.4	334.01	1.40	467.62
RAA4-16	1092	4,293	3 - 4	0.55	158.99	0.55	87.45
RAA4-16NW	1092A	5,183	3 - 4	18	191.98	18.00	3,455.62
RAA4-17	1093	4,115	3 - 4	0.03	152.39	0.03	4.57
RAA4-18	1094,1458	5,342	3 - 4	1.08	197.86	1.08	213.69
RAA4-19	1095	4,901	3 - 4	0.018	181.51	0.02	3.27
RAA4-20	1096	6,747	3 - 4	0.0195	249.89	0.02	4.87
RAA4-21	1097,1097A	5,702	3 - 4	0.2	211.17	0.20	42.23
RAA4-22	1098,1098A	3,164	3 - 4	0.0205	117.18	0.02	2.40
RAA4-A33	1207	4,723	3 - 4	0.89	174.94	0.89	155.69
RAA4-A34	1115	3,840	3 - 4	1.79	142.22	1.79	254.57
RAA4-A35	1114	4,345	3 - 4	0.57	160.91	0.57	91.72
RAA4-A37	1209,1464	4,194	3 - 4	1.2	155.32	1.20	186.39
RAA4-B29	1144	5,974	3 - 4	1.3	221.25	1.30	287.62
RAA4-B31	1131	8,495	3 - 4	0.04	314.63	0.04	12.59
RAA4-B33E	1326	8,259	3 - 4	0.46	305.88	0.46	140.70
RAA4-B34	1116	7,774	3 - 4	0.105	287.94	0.11	30.23
RAA4-B35	1113	5,427	3 - 4	0.385	201.01	0.39	77.39
RAA4-C23	1192	4,528	3 - 4	0.0225	167.71	0.02	3.77
RAA4-C25	1187	5,657	3 - 4	0.044	209.50	0.04	9.22
RAA4-C25N	1187A	1,043	3 - 4	0.02	38.65	0.02	0.77
RAA4-C27	1145	7,047	3 - 4	0.73	261.01	0.73	190.53
RAA4-C27N	1145A	2,895	3 - 4	0.67	107.22	0.67	71.84
RAA4-C29	1143	7,318	3 - 4	0.13	271.03	0.13	35.23
RAA4-C30S	1323	7,603	3 - 4	0.88	281.59	0.88	247.80
RAA4-C31	1132	8,782	3 - 4	10.315	325.28	10.32	3,355.22
RAA4-C33	1130	3,664	3 - 4	10.3	135.70	10.30	1,397.67
RAA4-C33S	1306	4,401	3 - 4	3.8	163.00	3.80	619.42
RAA4-C34	1117,1450	3,667	3 - 4	1.35	135.82	1.35	183.36
RAA4-C35	1112	6,207	3 - 4	7.925	229.90	7.93	1,821.96
RAA4-D19	1188	5,963	3 - 4	0.02	220.87	0.02	4.42
RAA4-D21	1186	7,143	3 - 4	0.0195	264.54	0.02	5.16
RAA4-D21N	1186A	2,876	3 - 4	0.037	106.52	0.04	3.94
RAA4-D23	1150	9,341	3 - 4	0.0185	345.95	0.02	6.40
RAA4-D25	1193	7,442	3 - 4	0.014	275.63	0.01	3.86
RAA4-D26	1321A	4,531	3 - 4	0.088	167.82	0.09	14.77
RAA4-D26S	1321	4,009	3 - 4	19	148.49	19.00	2,821.35
RAA4-D27	1204	6,479	3 - 4	0.875	239.94	0.88	209.95
RAA4-D31	1133	6,807	3 - 4	1.325	252.10	1.33	334.04
RAA4-D33	1129	5,913	3 - 4	7.655	218.99	7.66	1,676.37
RAA4-D34	1118	6,571	3 - 4	9.2	243.38	9.20	2,239.14
RAA4-D36	1104	9,299	3 - 4	21	344.40	21.00	7,232.35
RAA4-E15	1152	4,047	3 - 4	0.027	149.89	0.03	4.05
RAA4-E15N	1308A	1,302	3 - 4	0.53	48.22	0.53	25.56
RAA4-E16	1308	4,033	3 - 4	0.0385	149.39	0.04	5.75
RAA4-E17N	1248A	3,515	3 - 4	0.62	130.17	0.62	80.70
RAA4-E19	1189	8,451	3 - 4	1.37	312.99	1.37	428.79
RAA4-E21	1190	7,649	3 - 4	0.0195	283.28	0.02	5.52

**TABLE C-7**  
**EXISTING CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 1- TO 6-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**3- TO 4-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-E22	1300	4,894	3 - 4	7.4	181.27	7.40	1,341.39
RAA4-E23	1191	8,572	3 - 4	23	317.50	23.00	7,302.41
RAA4-E27	1205	7,253	3 - 4	770	268.64	770.00	206,851.66
RAA4-E29	1142	3,932	3 - 4	85	145.61	85.00	12,377.07
RAA4-E30S	1322	6,968	3 - 4	43	258.07	43.00	11,096.82
RAA4-E33	1128	8,407	3 - 4	34	311.38	34.00	10,586.92
RAA4-E35	1111	8,798	3 - 4	49	325.84	49.00	15,966.03
RAA4-E36	1105	6,178	3 - 4	26	228.83	26.00	5,949.53
RAA4-E38	1408	1,441	3 - 4	0.209	53.37	0.21	11.15
RAA4-E39	1407	125	3 - 4	0.64	4.65	0.64	2.97
RAA4-F16	1309	4,739	3 - 4	<b>0.0435</b>	175.50	0.04	7.63
RAA4-F18	1310	4,264	3 - 4	<b>0.019</b>	157.92	0.02	3.00
RAA4-F23	1214	5,052	3 - 4	5.5	187.13	5.50	1,029.20
RAA4-F23S	1301	5,550	3 - 4	570	205.54	570.00	117,158.22
RAA4-F25	1210	7,155	3 - 4	520	265.01	520.00	137,804.43
RAA4-F27	1206,1206A,1206B,1206C	3,325	3 - 4	3,900	123.14	3,900.00	480,244.56
RAA4-F28	1305,1305A,1305B,1305C,1305D	4,482	3 - 4	1,900	165.99	1,900.00	315,376.07
RAA4-F29	1141	4,944	3 - 4	162	183.11	162.00	29,663.10
RAA4-F31	1134	8,815	3 - 4	300	326.50	300.00	97,949.33
RAA4-F33	1127	9,935	3 - 4	0.086	367.97	0.09	31.65
RAA4-F34	1119	11,717	3 - 4	0.172	433.98	0.17	74.64
RAA4-F35	1110	8,424	3 - 4	16.4	311.99	16.40	5,116.61
RAA4-F36	1417	1,375	3 - 4	<b>0.0185</b>	50.94	0.02	0.94
RAA4-G18N	1319	8,335	3 - 4	47	308.70	47.00	14,508.90
RAA4-G20	1302	7,855	3 - 4	20.1	290.91	20.10	5,847.33
RAA4-G23	1301A	8,441	3 - 4	278	312.62	278.00	86,909.18
RAA4-G27	1185	9,618	3 - 4	133	356.22	133.00	47,377.36
RAA4-G27E	1303A	5,341	3 - 4	480	197.82	480.00	94,953.07
RAA4-G28	1303	5,584	3 - 4	380	206.82	380.00	78,593.29
RAA4-G31	1135	9,946	3 - 4	<b>0.018</b>	368.39	0.02	6.63
RAA4-G33	1126	9,946	3 - 4	0.02	368.38	0.02	7.37
RAA4-G34	1120	5,738	3 - 4	<b>0.0185</b>	212.53	0.02	3.93
RAA4-G35	1419	369	3 - 4	<b>0.018</b>	13.65	0.02	0.25
RAA4-H21	1151	6,655	3 - 4	210	246.47	210.00	51,759.17
RAA4-H24	1184	10,291	3 - 4	57.5	381.16	57.50	21,916.42
RAA4-H27	1146	7,437	3 - 4	891	275.44	891.00	245,421.33
RAA4-H27S	1304	6,094	3 - 4	330	225.72	330.00	74,486.74
RAA4-H28S	1325	5,618	3 - 4	260	208.08	260.00	54,100.03
RAA4-H29	1140	7,928	3 - 4	645	293.64	645.00	189,399.95
RAA4-H31	1136	7,561	3 - 4	<b>0.0185</b>	280.06	0.02	5.18
RAA4-H33	1422	2,436	3 - 4	0.88	90.21	0.88	79.38
RAA4-I19	1183	9,580	3 - 4	18	354.82	18.00	6,386.69
RAA4-I23	1149	8,630	3 - 4	173	319.62	173.00	55,294.90
RAA4-I25	1148	7,748	3 - 4	500	286.98	500.00	143,490.37
RAA4-I27	1147	5,426	3 - 4	58	200.98	58.00	11,656.82
RAA4-I31	1424	198	3 - 4	0.56	7.33	0.56	4.11
RAA4-K15	1388	1,212	3 - 4	2,000	44.87	2,000.00	89,747.41
RAA4-K20	1320	8,660	3 - 4	65	320.76	65.00	20,849.14
RAA4-K23	1213	5,755	3 - 4	330	213.17	330.00	70,344.63
RAA4-K25	1211	4,856	3 - 4	870	179.85	870.00	156,471.76
RAA4-K27	1170	2,037	3 - 4	1,100	75.43	1,100.00	82,969.74
RAA4-M19	1383	671	3 - 4	30	24.85	30.00	745.39
RAA4-M21	1381	758	3 - 4	44	28.08	44.00	1,235.37
RAA4-M23	1380	659	3 - 4	110	24.41	110.00	2,684.90
TW-SB-1	1275	5,596	3 - 4	<b>0.375</b>	207.25	0.38	77.72
X-4	1230	5,550	3 - 4	100	205.55	100.00	20,554.52
X-5	1229	8,138	3 - 4	280	301.42	280.00	84,398.33
X-6	1228	4,746	3 - 4	77	175.78	77.00	13,535.17

**TABLE C-7  
EXISTING CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 1- TO 6-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**3- TO 4-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
X-7	1225	7,305	3 - 4	27	270.55	27.00	7,304.77
X-8	1224	9,237	3 - 4	16.9	342.12	16.90	5,781.90
X-9	1222	9,479	3 - 4	0.51	351.09	0.51	179.05
X-10	1221	1,559	3 - 4	105.5	57.76	105.50	6,093.56
X-12	1227	8,029	3 - 4	40	297.35	40.00	11,894.07
X-14	1223	4,229	3 - 4	1.5	156.62	1.50	234.93
X-15	1220	9,480	3 - 4	3.4	351.11	3.40	1,193.77
X-16	1217,1461	5,028	3 - 4	0.6	186.23	0.60	111.74
X-17	1328	5,587	3 - 4	0.16	206.92	0.16	33.11
X-18	1218	3,959	3 - 4	<b>0.025</b>	146.65	0.03	3.67
X-19	1277	2,233	3 - 4	0.46	82.72	0.46	38.05
X-20	1278	4,446	3 - 4	<b>0.025</b>	164.65	0.03	4.12
Y-7	1384	522	3 - 4	1.62	19.35	1.62	31.35
Y-8	1235	4,149	3 - 4	9.8	153.66	9.80	1,505.85
Y-9	1236	6,767	3 - 4	54	250.64	54.00	13,534.40
Y-10	1237	5,764	3 - 4	38.2	213.47	38.20	8,154.48
Y-12	1239	8,309	3 - 4	39	307.75	39.00	12,002.15
Y-13	1241	11,345	3 - 4	1.4	420.19	1.40	588.26
Y-14	1242	10,082	3 - 4	270	373.42	270.00	100,823.60
Y-15	1243	7,840	3 - 4	<b>37.65</b>	290.37	37.65	10,932.28
Y-17	1283	4,547	3 - 4	6.3	168.39	6.30	1,060.87
Y-18	1285	10,995	3 - 4	10.1	407.23	10.10	4,113.02
Y-19	1284	8,197	3 - 4	0.86	303.58	0.86	261.08
Y-20	1244	7,198	3 - 4	30	266.59	30.00	7,997.58
Y-21	1428	3,733	3 - 4	1.1	138.27	1.10	152.10
Y-22	1253	4,862	3 - 4	<b>0.025</b>	180.06	0.03	4.50
Y-23	1246	4,501	3 - 4	0.2575	166.70	0.26	42.93
Y-24	1247	8,936	3 - 4	2.7	330.96	2.70	893.60
Y-26	1248	4,734	3 - 4	<b>0.365</b>	175.32	0.37	63.99
<b>Totals:</b>	--	1,037,592	--	--	38,429.35	--	3,496,843.39
<b>Volume-Weighted Average:</b>							<b>90.99</b>

**4- TO 5-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
60-1	1281	3,347	4 - 5	22	123.95	22.00	2,726.91
60-5	1280	7,257	4 - 5	17.7	268.77	17.70	4,757.27
95-02	1256	2,375	4 - 5	0.14	87.94	0.14	12.31
95-05	1254	6,762	4 - 5	140	250.44	140.00	35,061.65
95-07	1255	5,193	4 - 5	13	192.32	13.00	2,500.14
95-08	1235	5,790	4 - 5	<b>0.036</b>	214.43	0.04	7.72
95-09	1313	7,653	4 - 5	<b>0.021</b>	283.45	0.02	5.95
95-19	1259	6,846	4 - 5	0.66	253.54	0.66	167.34
95-26	1234	5,616	4 - 5	5.4	208.00	5.40	1,123.20
CRA-1	1054	6,026	4 - 5	<b>0.021</b>	223.18	0.02	4.69
CRA-2	1055	3,635	4 - 5	<b>0.0235</b>	134.65	0.02	3.16
CRA-3	1060,1446	4,781	4 - 5	<b>0.135</b>	177.08	0.14	23.91
CRA-4	1059	5,630	4 - 5	0.44	208.50	0.44	91.74
CRA-5	1058	6,439	4 - 5	<b>0.022</b>	238.48	0.02	5.25
CRA-6	1057	9,479	4 - 5	<b>0.0245</b>	351.07	0.02	8.60
CRA-7	1056	6,469	4 - 5	<b>0.026</b>	239.58	0.03	6.23
CRA-8	1061,1445	8,767	4 - 5	<b>0.02</b>	324.69	0.02	6.49
CRA-9	1062	7,091	4 - 5	0.029	262.64	0.03	7.62
CRA-10	1063	8,438	4 - 5	<b>0.022</b>	312.52	0.02	6.88
CRA-11	1064	10,012	4 - 5	<b>0.0205</b>	370.82	0.02	7.60
CRA-12	1065	9,513	4 - 5	2.72	352.32	2.72	958.32

**TABLE C-7  
EXISTING CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 1- TO 6-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**4- TO 5-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
CRA-13	1066	7,401	4 - 5	0.023	274.11	0.02	6.30
CRA-14	1072,1443	8,530	4 - 5	0.021	315.92	0.02	6.63
CRA-15	1071,1440	9,308	4 - 5	0.0235	344.75	0.02	8.10
CRA-16	1070,1438	8,253	4 - 5	1.14	305.66	1.14	348.45
CRA-17	1069,1437	9,802	4 - 5	0.021	363.05	0.02	7.62
CRA-18	1068,1436	9,652	4 - 5	0.0215	357.49	0.02	7.69
CRA-19	1067,1315	4,789	4 - 5	0.021	177.36	0.02	3.72
CRA-20	1073	2,678	4 - 5	0.35	99.19	0.35	34.72
CRA-21	1074	3,437	4 - 5	0.205	127.28	0.21	26.09
CRA-22	1314	2,166	4 - 5	0.024	80.21	0.02	1.92
E2SC-05	1201,1442	5,426	4 - 5	0.29	200.97	0.29	58.28
E2SC-06	1246	4,931	4 - 5	0.072	182.64	0.07	13.15
E2SC-07	1274	3,038	4 - 5	0.28	112.52	0.28	31.51
E2SC-13	1388	549	4 - 5	0.018	20.32	0.02	0.37
E2SC-14	1200,1439	5,296	4 - 5	0.0185	196.15	0.02	3.63
E2SC-25	1261	8,070	4 - 5	0.085	298.90	0.09	25.41
ES2-5	1252	12,274	4 - 5	1.83	454.61	1.83	831.93
RAA4-2	1075	7,862	4 - 5	0.11	291.19	0.11	32.03
RAA4-4	1076	9,018	4 - 5	1.4	334.01	1.40	467.62
RAA4-16	1077	4,293	4 - 5	0.55	158.99	0.55	87.45
RAA4-16NW	1077A	5,183	4 - 5	18	191.98	18.00	3,455.62
RAA4-17	1078	4,115	4 - 5	0.03	152.39	0.03	4.57
RAA4-18	1079,1441	5,342	4 - 5	1.08	197.86	1.08	213.69
RAA4-19	1080	4,901	4 - 5	0.018	181.51	0.02	3.27
RAA4-20	1081	6,747	4 - 5	0.0195	249.89	0.02	4.87
RAA4-21	1082,1082A	5,702	4 - 5	0.2	211.17	0.20	42.23
RAA4-22	1083,1083A	3,164	4 - 5	0.0205	117.18	0.02	2.40
RAA4-A33	1192	4,723	4 - 5	0.89	174.94	0.89	155.69
RAA4-A34	1100	3,840	4 - 5	1.79	142.22	1.79	254.57
RAA4-A35	1099	4,345	4 - 5	0.57	160.91	0.57	91.72
RAA4-A37	1194,1447	4,194	4 - 5	1.2	155.32	1.20	186.39
RAA4-B29	1129	5,974	4 - 5	1.3	221.25	1.30	287.62
RAA4-B31	1116	8,495	4 - 5	0.04	314.63	0.04	12.59
RAA4-B33E	1310	8,259	4 - 5	0.46	305.88	0.46	140.70
RAA4-B34	1101	7,774	4 - 5	0.105	287.94	0.11	30.23
RAA4-B35	1098	5,427	4 - 5	0.385	201.01	0.39	77.39
RAA4-C23	1177	4,528	4 - 5	0.0225	167.71	0.02	3.77
RAA4-C25	1172	5,657	4 - 5	0.044	209.50	0.04	9.22
RAA4-C25N	1172A	1,043	4 - 5	0.02	38.65	0.02	0.77
RAA4-C27	1130	7,047	4 - 5	0.73	261.01	0.73	190.53
RAA4-C27N	1130A	2,895	4 - 5	0.67	107.22	0.67	71.84
RAA4-C29	1128	7,318	4 - 5	0.13	271.03	0.13	35.23
RAA4-C30S	1307	6,528	4 - 5	0.88	241.77	0.88	212.76
RAA4-C31	1117	8,782	4 - 5	10.315	325.28	10.32	3,355.22
RAA4-C33	1115	3,664	4 - 5	10.3	135.70	10.30	1,397.67
RAA4-C33S	1290	4,401	4 - 5	3.8	163.00	3.80	619.42
RAA4-C34	1102,1433	3,667	4 - 5	1.35	135.82	1.35	183.36
RAA4-C35	1097	6,207	4 - 5	7.925	229.90	7.93	1,821.96
RAA4-D19	1173	3,931	4 - 5	0.02	145.60	0.02	2.91
RAA4-D21	1171	6,679	4 - 5	0.0195	247.38	0.02	4.82
RAA4-D21N	1171A	2,876	4 - 5	0.037	106.52	0.04	3.94
RAA4-D23	1135	9,341	4 - 5	0.0185	345.95	0.02	6.40
RAA4-D25	1178	7,442	4 - 5	0.014	275.63	0.01	3.86
RAA4-D26	1305A	4,531	4 - 5	0.088	167.82	0.09	14.77
RAA4-D26S	1305	4,009	4 - 5	19	148.49	19.00	2,821.35
RAA4-D27	1189	6,479	4 - 5	0.875	239.94	0.88	209.95
RAA4-D31	1118	3,855	4 - 5	1.325	142.78	1.33	189.18
RAA4-D33	1114	5,913	4 - 5	7.655	218.99	7.66	1,676.37

**TABLE C-7  
EXISTING CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 1- TO 6-FOOT DEPTH INCREMENT  
SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**4- TO 5-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-D34	1103	6,571	4 - 5	9.2	243.38	9.20	2,239.14
RAA4-D36	1089	9,299	4 - 5	21	344.40	21.00	7,232.35
RAA4-E15	1137	4,047	4 - 5	0.027	149.89	0.03	4.05
RAA4-E15N	1292A	1,302	4 - 5	0.53	48.22	0.53	25.56
RAA4-E16	1292	4,033	4 - 5	0.0385	149.39	0.04	5.75
RAA4-E17N	1233A	3,514	4 - 5	0.62	130.16	0.62	80.70
RAA4-E19	1174	6,811	4 - 5	1.37	252.25	1.37	345.59
RAA4-E21	1175	7,131	4 - 5	0.0195	264.11	0.02	5.15
RAA4-E22	1284	4,894	4 - 5	7.4	181.27	7.40	1,341.39
RAA4-E23	1176	8,572	4 - 5	23	317.50	23.00	7,302.41
RAA4-E27	1190	7,272	4 - 5	770	269.32	770.00	207,375.83
RAA4-E29	1127	3,908	4 - 5	85	144.75	85.00	12,303.75
RAA4-E30S	1306	6,930	4 - 5	43	256.67	43.00	11,036.70
RAA4-E33	1113	8,407	4 - 5	34	311.38	34.00	10,586.92
RAA4-E35	1096	8,798	4 - 5	49	325.84	49.00	15,966.03
RAA4-E36	1090	6,846	4 - 5	26	253.55	26.00	6,592.34
RAA4-E38	1393	1,441	4 - 5	0.209	53.37	0.21	11.15
RAA4-E39	1392	125	4 - 5	0.64	4.65	0.64	2.97
RAA4-F16	1293	4,739	4 - 5	0.0435	175.50	0.04	7.63
RAA4-F18	1294	4,264	4 - 5	0.019	157.92	0.02	3.00
RAA4-F23	1199	5,052	4 - 5	5.5	187.13	5.50	1,029.20
RAA4-F23S	1285	5,550	4 - 5	570	205.54	570.00	117,158.22
RAA4-F25	1195	7,505	4 - 5	520	277.95	520.00	144,532.65
RAA4-F27	1191,1191A,1191B,1191C,1191D	7,388	4 - 5	3,900	273.62	3,900.00	1,067,129.56
RAA4-F28	1289,1289A,1289B,1289C,1289D	4,482	4 - 5	1,900	165.99	1,900.00	315,373.96
RAA4-F29	1126	4,944	4 - 5	162	183.11	162.00	29,663.10
RAA4-F31	1119	8,815	4 - 5	300	326.50	300.00	97,949.33
RAA4-F33	1112	9,935	4 - 5	0.086	367.97	0.09	31.65
RAA4-F34	1104	11,717	4 - 5	0.172	433.98	0.17	74.64
RAA4-F35	1095	8,424	4 - 5	16.4	311.99	16.40	5,116.61
RAA4-F36	1400	1,375	4 - 5	0.0185	50.94	0.02	0.94
RAA4-G14	1410	4	4 - 5	1.44	0.16	1.44	0.23
RAA4-G18N	1303	9,500	4 - 5	47	351.87	47.00	16,537.72
RAA4-G20	1286	7,855	4 - 5	20.1	290.91	20.10	5,847.33
RAA4-G23	1169A	8,441	4 - 5	278	312.62	278.00	86,909.18
RAA4-G27	1170	9,822	4 - 5	133	363.77	133.00	48,381.31
RAA4-G27E	1287A	5,381	4 - 5	480	199.31	480.00	95,666.67
RAA4-G28	1287	5,584	4 - 5	380	206.82	380.00	78,593.29
RAA4-G31	1120	9,946	4 - 5	0.018	368.39	0.02	6.63
RAA4-G33	1111	9,946	4 - 5	0.02	368.38	0.02	7.37
RAA4-G34	1105	5,738	4 - 5	0.0185	212.53	0.02	3.93
RAA4-G35	1402	369	4 - 5	0.018	13.65	0.02	0.25
RAA4-H21	1136	6,655	4 - 5	210	246.47	210.00	51,759.17
RAA4-H24	1169	10,291	4 - 5	57.5	381.16	57.50	21,916.42
RAA4-H27	1131	7,437	4 - 5	891	275.44	891.00	245,421.33
RAA4-H27S	1288	6,094	4 - 5	330	225.72	330.00	74,486.74
RAA4-H28S	1309	5,618	4 - 5	260	208.08	260.00	54,100.03
RAA4-H29	1125	7,928	4 - 5	645	293.64	645.00	189,399.95
RAA4-H31	1121	7,561	4 - 5	0.0185	280.06	0.02	5.18
RAA4-H33	1405	2,436	4 - 5	0.88	90.21	0.88	79.38
RAA4-I19	1168	10,661	4 - 5	18	394.84	18.00	7,107.20
RAA4-I23	1134	8,630	4 - 5	173	319.62	173.00	55,294.90
RAA4-I25	1133	7,748	4 - 5	500	286.98	500.00	143,490.37
RAA4-I27	1132	5,426	4 - 5	58	200.98	58.00	11,656.82
RAA4-I31	1407	198	4 - 5	0.56	7.33	0.56	4.11
RAA4-K15	1373	1,212	4 - 5	2,000	44.89	2,000.00	89,777.04
RAA4-K20	1304	8,660	4 - 5	65	320.76	65.00	20,849.14
RAA4-K23	1198	5,755	4 - 5	330	213.17	330.00	70,344.63

**TABLE C-7**  
**EXISTING CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 1- TO 6-FOOT DEPTH INCREMENT**  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**4- TO 5-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-K25	1196	4,856	4 - 5	870	179.85	870.00	156,471.76
RAA4-K27	1155	2,037	4 - 5	1,100	75.43	1,100.00	82,969.74
RAA4-M19	1368	671	4 - 5	30	24.85	30.00	745.39
RAA4-M21	1366	758	4 - 5	44	28.08	44.00	1,235.37
RAA4-M23	1365	659	4 - 5	110	24.41	110.00	2,684.90
TW-SB-1	1260	5,596	4 - 5	<b>0.39</b>	207.25	0.39	80.83
X-4	1215	5,550	4 - 5	900.185	205.55	900.19	185,028.69
X-5	1214	8,138	4 - 5	320	301.42	320.00	96,455.23
X-6	1213	4,746	4 - 5	38.8	175.78	38.80	6,820.32
X-7	1209	6,879	4 - 5	9.1	254.79	9.10	2,318.57
X-8	1208	9,237	4 - 5	25	342.12	25.00	8,553.10
X-9	1206	9,479	4 - 5	7.5	351.09	7.50	2,633.14
X-12	1212	6,828	4 - 5	5.68	252.87	5.68	1,436.32
X-13	1211	5,729	4 - 5	0.7	212.18	0.70	148.52
X-14	1207	4,229	4 - 5	<b>0.5195</b>	156.62	0.52	81.36
X-15	1205	9,480	4 - 5	2.51	351.11	2.51	881.28
X-16	1202,1444	5,028	4 - 5	<b>0.025</b>	186.23	0.03	4.66
X-17	1312	5,587	4 - 5	0.16	206.92	0.16	33.11
X-18	1203	3,959	4 - 5	0.06	146.65	0.06	8.80
X-19	1262	2,233	4 - 5	0.22	82.72	0.22	18.20
X-20	1263	4,446	4 - 5	<b>0.025</b>	164.65	0.03	4.12
Y-7	1369	522	4 - 5	2.01	19.35	2.01	38.90
Y-8	1220	4,149	4 - 5	8	153.66	8.00	1,229.26
Y-9	1221	6,767	4 - 5	87	250.64	87.00	21,805.42
Y-10	1222	5,764	4 - 5	150	213.47	150.00	32,020.22
Y-12	1224	8,309	4 - 5	<b>0.025</b>	307.75	0.03	7.69
Y-13	1226	11,373	4 - 5	0.23	421.24	0.23	96.88
Y-14	1227	10,082	4 - 5	22.9	373.42	22.90	8,551.33
Y-15	1228	7,840	4 - 5	0.69	290.37	0.69	200.35
Y-19	1268	8,731	4 - 5	120	323.38	120.00	38,805.29
Y-20	1229	7,198	4 - 5	93.5	266.59	93.50	24,925.78
Y-21	1411	5,188	4 - 5	0.26	192.14	0.26	49.96
Y-22	1238	4,862	4 - 5	<b>0.025</b>	180.06	0.03	4.50
Y-23	1231	4,501	4 - 5	<b>0.025</b>	166.70	0.03	4.17
Y-24	1232	8,936	4 - 5	8	330.96	8.00	2,647.71
Y-26	1233	4,732	4 - 5	<b>0.025</b>	175.25	0.03	4.38
Y-27	1269	4,656	4 - 5	<b>0.01</b>	172.43	0.01	1.72
<b>Totals:</b>	--	1,037,593	--	--	38,429.37	--	4,174,476.06
						<b>Volume-Weighted Average:</b>	<b>108.63</b>

**5- TO 6-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
60-1	1290	3,347	5 - 6	22	123.95	22.00	2,726.91
60-5	1289	7,257	5 - 6	17.7	268.77	17.70	4,757.27
95-02	1265	2,375	5 - 6	0.14	87.94	0.14	12.31
95-05	1263	6,762	5 - 6	140	250.44	140.00	35,061.65
95-07	1264	5,193	5 - 6	13	192.32	13.00	2,500.14
95-08	1244	5,790	5 - 6	<b>0.036</b>	214.43	0.04	7.72
95-09	1325	7,653	5 - 6	0.03	283.45	0.03	8.50
95-19	1268	6,846	5 - 6	0.66	253.54	0.66	167.34
95-26	1243	5,616	5 - 6	5.4	208.00	5.40	1,123.20
CRA-1	1062	6,026	5 - 6	<b>0.021</b>	223.18	0.02	4.69
CRA-2	1063	3,635	5 - 6	<b>0.0235</b>	134.65	0.02	3.16
CRA-3	1068,1457	4,781	5 - 6	<b>0.135</b>	177.08	0.14	23.91
CRA-4	1067	5,630	5 - 6	0.44	208.50	0.44	91.74

**TABLE C-7  
EXISTING CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 1- TO 6-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**5- TO 6-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
CRA-5	1066	6,439	5 - 6	0.022	238.48	0.02	5.25
CRA-6	1065	9,479	5 - 6	0.0245	351.07	0.02	8.60
CRA-7	1064	6,469	5 - 6	0.026	239.58	0.03	6.23
CRA-8	1069,1456	8,767	5 - 6	0.02	324.69	0.02	6.49
CRA-9	1070	7,091	5 - 6	0.029	262.64	0.03	7.62
CRA-10	1071	8,438	5 - 6	0.022	312.52	0.02	6.88
CRA-11	1072	10,012	5 - 6	0.0205	370.82	0.02	7.60
CRA-12	1073	9,513	5 - 6	2.72	352.32	2.72	958.32
CRA-13	1074	7,401	5 - 6	0.023	274.11	0.02	6.30
CRA-14	1080,1454	8,530	5 - 6	0.021	315.92	0.02	6.63
CRA-15	1079,1451	9,308	5 - 6	0.0235	344.75	0.02	8.10
CRA-16	1078,1449	8,253	5 - 6	1.14	305.66	1.14	348.45
CRA-17	1077,1448	9,802	5 - 6	0.021	363.05	0.02	7.62
CRA-18	1076,1447	9,652	5 - 6	0.0215	357.49	0.02	7.69
CRA-19	1075,1326	4,789	5 - 6	0.021	177.36	0.02	3.72
CRA-20	1081	2,678	5 - 6	0.35	99.19	0.35	34.72
CRA-21	1082	3,437	5 - 6	0.205	127.28	0.21	26.09
CRA-22	1083	2,166	5 - 6	0.024	80.21	0.02	1.92
E2SC-05	1210,1453	5,426	5 - 6	0.29	200.97	0.29	58.28
E2SC-06	1255	4,931	5 - 6	0.072	182.64	0.07	13.15
E2SC-07	1283	3,038	5 - 6	0.28	112.52	0.28	31.51
E2SC-13	1399	549	5 - 6	0.018	20.32	0.02	0.37
E2SC-14	1209,1450	5,296	5 - 6	0.0185	196.15	0.02	3.63
E2SC-25	1270	8,070	5 - 6	0.085	298.90	0.09	25.41
ES2-5	1261	12,274	5 - 6	1.83	454.61	1.83	831.93
RAA4-2	1084	7,862	5 - 6	0.11	291.19	0.11	32.03
RAA4-4	1085	9,018	5 - 6	1.4	334.01	1.40	467.62
RAA4-16	1086	4,293	5 - 6	0.55	158.99	0.55	87.45
RAA4-16NW	1086A	5,183	5 - 6	18	191.98	18.00	3,455.62
RAA4-17	1087	4,115	5 - 6	0.03	152.39	0.03	4.57
RAA4-18	1088,1452	5,342	5 - 6	1.08	197.86	1.08	213.69
RAA4-19	1089	4,901	5 - 6	0.018	181.51	0.02	3.27
RAA4-20	1090	6,747	5 - 6	0.0195	249.89	0.02	4.87
RAA4-21	1091,1091B	5,702	5 - 6	0.2	211.17	0.20	42.23
RAA4-22	1092,1397A	3,164	5 - 6	0.0205	117.18	0.02	2.40
RAA4-A33	1201	4,723	5 - 6	0.89	174.94	0.89	155.69
RAA4-A34	1109	3,840	5 - 6	1.79	142.22	1.79	254.57
RAA4-A35	1108	4,345	5 - 6	0.57	160.91	0.57	91.72
RAA4-A37	1203,1458	4,194	5 - 6	1.2	155.32	1.20	186.39
RAA4-B29	1138	5,974	5 - 6	1.3	221.25	1.30	287.62
RAA4-B31	1125	8,495	5 - 6	0.04	314.63	0.04	12.59
RAA4-B33E	1319	8,259	5 - 6	0.46	305.88	0.46	140.70
RAA4-B34	1110	7,774	5 - 6	0.105	287.94	0.11	30.23
RAA4-B35	1107	5,427	5 - 6	0.385	201.01	0.39	77.39
RAA4-C23	1186	4,528	5 - 6	0.0225	167.71	0.02	3.77
RAA4-C25	1181	5,657	5 - 6	0.044	209.50	0.04	9.22
RAA4-C25N	1181A	1,043	5 - 6	0.02	38.65	0.02	0.77
RAA4-C27	1139	7,047	5 - 6	0.73	261.01	0.73	190.53
RAA4-C27N	1139A	2,895	5 - 6	0.67	107.22	0.67	71.84
RAA4-C29	1137	7,318	5 - 6	0.13	271.03	0.13	35.23
RAA4-C30S	1316	6,528	5 - 6	0.88	241.77	0.88	212.76
RAA4-C31	1126	8,782	5 - 6	10.315	325.28	10.32	3,355.22
RAA4-C33	1124	3,664	5 - 6	10.3	135.70	10.30	1,397.67
RAA4-C33S	1299	4,401	5 - 6	3.8	163.00	3.80	619.42
RAA4-C34	1111,1444	3,667	5 - 6	1.35	135.82	1.35	183.36
RAA4-C35	1106	6,207	5 - 6	7.925	229.90	7.93	1,821.96
RAA4-D19	1182	3,931	5 - 6	0.02	145.60	0.02	2.91
RAA4-D21	1180	6,679	5 - 6	0.0195	247.38	0.02	4.82

**TABLE C-7**  
**EXISTING CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 1- TO 6-FOOT DEPTH INCREMENT**  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**5- TO 6-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-D21N	1180A	2,876	5 - 6	0.037	106.52	0.04	3.94
RAA4-D23	1144	9,341	5 - 6	<b>0.0185</b>	345.95	0.02	6.40
RAA4-D25	1187	7,442	5 - 6	0.014	275.63	0.01	3.86
RAA4-D26	1187A	4,531	5 - 6	0.088	167.82	0.09	14.77
RAA4-D26S	1314	4,009	5 - 6	19	148.49	19.00	2,821.35
RAA4-D27	1198	6,479	5 - 6	0.875	239.94	0.88	209.95
RAA4-D31	1127	3,855	5 - 6	1.325	142.78	1.33	189.18
RAA4-D33	1123	5,913	5 - 6	7.655	218.99	7.66	1,676.37
RAA4-D34	1112	6,571	5 - 6	9.2	243.38	9.20	2,239.14
RAA4-D36	1098	9,299	5 - 6	21	344.40	21.00	7,232.35
RAA4-E15	1146	4,047	5 - 6	0.027	149.89	0.03	4.05
RAA4-E15N	1146A	1,302	5 - 6	0.53	48.22	0.53	25.56
RAA4-E16	1301	4,033	5 - 6	0.0385	149.39	0.04	5.75
RAA4-E17N	1242A	3,514	5 - 6	0.62	130.16	0.62	80.70
RAA4-E19	1183	6,811	5 - 6	1.37	252.25	1.37	345.59
RAA4-E21	1184	7,131	5 - 6	<b>0.0195</b>	264.11	0.02	5.15
RAA4-E22	1293	4,894	5 - 6	7.4	181.27	7.40	1,341.39
RAA4-E23	1185	8,572	5 - 6	23	317.50	23.00	7,302.41
RAA4-E27	1199	7,272	5 - 6	770	269.32	770.00	207,375.83
RAA4-E29	1136	3,908	5 - 6	85	144.75	85.00	12,303.75
RAA4-E30S	1315	6,930	5 - 6	43	256.67	43.00	11,036.70
RAA4-E33	1122	8,407	5 - 6	34	311.38	34.00	10,586.92
RAA4-E35	1105	8,798	5 - 6	49	325.84	49.00	15,966.03
RAA4-E36	1099	6,846	5 - 6	26	253.55	26.00	6,592.34
RAA4-E38	1404	1,441	5 - 6	0.209	53.37	0.21	11.15
RAA4-E39	1403	125	5 - 6	0.64	4.65	0.64	2.97
RAA4-F16	1302	4,739	5 - 6	<b>0.0435</b>	175.50	0.04	7.63
RAA4-F18	1303	4,264	5 - 6	<b>0.019</b>	157.92	0.02	3.00
RAA4-F23	1208	5,052	5 - 6	5.5	187.13	5.50	1,029.20
RAA4-F23S	1294	5,550	5 - 6	570	205.54	570.00	117,158.22
RAA4-F25	1204	7,505	5 - 6	520	277.95	520.00	144,532.65
RAA4-F27	1200,1200A,1200B,1200C,1200D	7,388	5 - 6	3,900	273.62	3,900.00	1,067,129.56
RAA4-F28	1298,1298A,1298B,1298C,1298D	4,482	5 - 6	1,900	165.99	1,900.00	315,373.96
RAA4-F29	1135	4,944	5 - 6	162	183.11	162.00	29,663.10
RAA4-F31	1128	8,815	5 - 6	300	326.50	300.00	97,949.33
RAA4-F33	1121	9,935	5 - 6	0.086	367.97	0.09	31.65
RAA4-F34	1113	11,717	5 - 6	0.172	433.98	0.17	74.64
RAA4-F35	1104	8,424	5 - 6	16.4	311.99	16.40	5,116.61
RAA4-F36	1411	1,375	5 - 6	<b>0.0185</b>	50.94	0.02	0.94
RAA4-G14	1421	4	5 - 6	1.44	0.16	1.44	0.23
RAA4-G18N	1312	9,500	5 - 6	47	351.87	47.00	16,537.72
RAA4-G20	1295	7,855	5 - 6	20.1	290.91	20.10	5,847.33
RAA4-G23	1238A	8,441	5 - 6	278	312.62	278.00	86,909.18
RAA4-G27	1179	9,822	5 - 6	133	363.77	133.00	48,381.31
RAA4-G27E	1296A	5,381	5 - 6	480	199.31	480.00	95,666.67
RAA4-G28	1296	5,584	5 - 6	380	206.82	380.00	78,593.29
RAA4-G31	1129	9,946	5 - 6	<b>0.018</b>	368.39	0.02	6.63
RAA4-G33	1120	9,946	5 - 6	0.02	368.38	0.02	7.37
RAA4-G34	1114	5,738	5 - 6	<b>0.0185</b>	212.53	0.02	3.93
RAA4-G35	1413	369	5 - 6	<b>0.018</b>	13.65	0.02	0.25
RAA4-H21	1145	6,655	5 - 6	210	246.47	210.00	51,759.17
RAA4-H24	1178	10,291	5 - 6	57.5	381.16	57.50	21,916.42
RAA4-H27	1140	7,437	5 - 6	891	275.44	891.00	245,421.33
RAA4-H27S	1297	6,094	5 - 6	330	225.72	330.00	74,486.74
RAA4-H28S	1318	5,618	5 - 6	260	208.08	260.00	54,100.03
RAA4-H29	1134	7,928	5 - 6	645	293.64	645.00	189,399.95
RAA4-H31	1130	7,561	5 - 6	<b>0.0185</b>	280.06	0.02	5.18
RAA4-H33	1416	2,436	5 - 6	0.88	90.21	0.88	79.38



**TABLE C-7**  
**EXISTING CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 1- TO 6-FOOT DEPTH INCREMENT**  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**5- TO 6-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-I19	1177	10,661	5 - 6	18	394.84	18.00	7,107.20
RAA4-I23	1143	8,630	5 - 6	173	319.62	173.00	55,294.90
RAA4-I25	1142	7,748	5 - 6	500	286.98	500.00	143,490.37
RAA4-I27	1141	5,426	5 - 6	58	200.98	58.00	11,656.82
RAA4-I31	1418	198	5 - 6	0.56	7.33	0.56	4.11
RAA4-K15	1384	1,212	5 - 6	2,000	44.87	2,000.00	89,747.41
RAA4-K20	1313	8,660	5 - 6	65	320.76	65.00	20,849.14
RAA4-K23	1207	5,755	5 - 6	330	213.17	330.00	70,344.63
RAA4-K25	1205	4,856	5 - 6	870	179.85	870.00	156,471.76
RAA4-K27	1164	2,037	5 - 6	1,100	75.43	1,100.00	82,969.74
RAA4-M19	1379	671	5 - 6	30	24.85	30.00	745.39
RAA4-M21	1377	758	5 - 6	44	28.08	44.00	1,235.37
RAA4-M23	1376	659	5 - 6	110	24.41	110.00	2,684.90
TW-SB-1	1269	5,596	5 - 6	<b>0.39</b>	207.25	0.39	80.83
X-4	1224	5,550	5 - 6	900.185	205.55	900.19	185,028.69
X-5	1223	8,138	5 - 6	320	301.42	320.00	96,455.23
X-6	1222	4,746	5 - 6	38.8	175.78	38.80	6,820.32
X-7	1218	6,879	5 - 6	9.1	254.79	9.10	2,318.57
X-8	1217	9,237	5 - 6	25	342.12	25.00	8,553.10
X-9	1215	9,479	5 - 6	7.5	351.09	7.50	2,633.14
X-12	1221	6,828	5 - 6	5.68	252.87	5.68	1,436.32
X-13	1220	5,729	5 - 6	0.7	212.18	0.70	148.52
X-14	1216	4,229	5 - 6	<b>0.5195</b>	156.62	0.52	81.36
X-15	1214	9,480	5 - 6	2.51	351.11	2.51	881.28
X-16	1211,1455	5,028	5 - 6	<b>0.025</b>	186.23	0.03	4.66
X-17	1324	5,587	5 - 6	<b>0.025</b>	206.92	0.03	5.17
X-18	1212	3,959	5 - 6	0.06	146.65	0.06	8.80
X-19	1271	2,233	5 - 6	0.22	82.72	0.22	18.20
X-20	1272	4,446	5 - 6	<b>0.025</b>	164.65	0.03	4.12
Y-7	1380	522	5 - 6	2.01	19.35	2.01	38.90
Y-8	1229	4,149	5 - 6	8	153.66	8.00	1,229.26
Y-9	1230	6,767	5 - 6	87	250.64	87.00	21,805.42
Y-10	1231	5,764	5 - 6	150	213.47	150.00	32,020.22
Y-12	1233	8,309	5 - 6	<b>0.025</b>	307.75	0.03	7.69
Y-13	1235	11,373	5 - 6	0.23	421.24	0.23	96.88
Y-14	1236	10,082	5 - 6	22.9	373.42	22.90	8,551.33
Y-15	1237	7,840	5 - 6	0.69	290.37	0.69	200.35
Y-19	1277	8,731	5 - 6	120	323.38	120.00	38,805.29
Y-20	1238	7,198	5 - 6	93.5	266.59	93.50	24,925.78
Y-21	1422	5,188	5 - 6	0.26	192.14	0.26	49.96
Y-22	1247	4,862	5 - 6	<b>0.025</b>	180.06	0.03	4.50
Y-23	1240	4,501	5 - 6	<b>0.025</b>	166.70	0.03	4.17
Y-24	1241	8,936	5 - 6	8	330.96	8.00	2,647.71
Y-26	1242	4,732	5 - 6	<b>0.025</b>	175.25	0.03	4.38
Y-27	1278	4,655	5 - 6	<b>0.01</b>	172.42	0.01	1.72
<b>Totals:</b>	--	1,037,592	--	--	38,429.34	--	4,174,421.04
<b>Volume-Weighted Average:</b>							<b>108.63</b>

**SUMMARY: 1- TO 6-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
<b>Totals:</b>	--	1,037,592	1 - 6	--	192,146.74	--	20,104,566.48
<b>Volume-Weighted Average:</b>							<b>104.63</b>

**Notes:**

1. Polygon ID and area based on information shown on Figures C-3 through C-7.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE C-8**  
**EXISTING CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT (TABLE C-6)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
<b>Totals:</b>	--	882,804	0 - 1	--	32,696.44	--	5,281,888.59
<b>Volume-Weighted Average:</b>							<b>161.54</b>

SUMMARY: 1- TO 6-FOOT DEPTH INCREMENT (TABLE C-7)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
<b>Totals:</b>	--	1,037,592	1 - 6	--	192,146.74	--	20,104,566.48
<b>Volume-Weighted Average:</b>							<b>104.63</b>

**6- TO 8-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
60-1	1235	3,361	6 - 8	21	248.97	21.00	5,228.39
60-5	1234	7,264	6 - 8	6.8	538.11	6.80	3,659.12
95-02	1213	4,000	6 - 8	<b>0.0265</b>	296.32	0.03	7.85
95-07	1212	4,122	6 - 8	<b>0.36</b>	305.35	0.36	109.93
95-08	1193	4,831	6 - 8	0.032	357.86	0.03	11.45
95-09	1240	7,653	6 - 7	0.03	566.90	0.02	12.19
			7 - 8	0.013			
95-19	1214	6,846	6 - 8	0.22	507.09	0.22	111.56
95-26	1192	10,832	6 - 8	0.034	802.40	0.03	27.28
CRA-1	1001	6,026	6 - 8	<b>0.0215</b>	446.35	0.02	9.60
CRA-2	1002	3,635	6 - 8	<b>0.022</b>	269.29	0.02	5.92
CRA-3	1007,1359	4,781	6 - 8	<b>0.016125</b>	354.16	0.02	5.71
CRA-4	1006	5,630	6 - 8	<b>0.0215</b>	417.00	0.02	8.97
CRA-5	1005	6,439	6 - 8	<b>0.022</b>	476.96	0.02	10.49
CRA-6	1004	9,479	6 - 8	<b>0.022</b>	702.14	0.02	15.45
CRA-7	1003	6,469	6 - 8	<b>0.022</b>	479.15	0.02	10.54
CRA-8	1008,1358	8,767	6 - 8	0.094	649.38	0.09	61.04
CRA-9	1009	7,091	6 - 8	<b>0.021</b>	525.28	0.02	11.03
CRA-10	1010	8,438	6 - 8	<b>0.022</b>	625.05	0.02	13.75
CRA-11	1011	10,012	6 - 8	<b>0.0215</b>	741.65	0.02	15.95
CRA-12	1012	9,513	6 - 8	<b>0.0225</b>	704.65	0.02	15.85
CRA-13	1013	7,401	6 - 8	<b>0.027</b>	548.22	0.03	14.80
CRA-14	1019,1364	8,530	6 - 8	<b>0.0205</b>	631.83	0.02	12.95
CRA-15	1018,1362	9,308	6 - 8	0.13	689.50	0.13	89.64
CRA-16	1017,1367	8,253	6 - 8	0.145	611.32	0.15	88.64
CRA-17	1016,1363	9,802	6 - 8	<b>0.021</b>	726.11	0.02	15.25
CRA-18	1015,1366	9,652	6 - 8	<b>0.0225</b>	714.98	0.02	16.09
CRA-19	1014,1241	4,789	6 - 8	<b>0.024</b>	354.71	0.02	8.51
CRA-20	1020	2,678	6 - 8	<b>0.021</b>	198.38	0.02	4.17
CRA-21	1021	3,437	6 - 8	<b>0.02025</b>	254.57	0.02	5.16
CRA-22	1022	2,166	6 - 8	<b>0.022</b>	160.41	0.02	3.53
E2SC-05	1159,1365	5,426	6 - 8	0.13	401.93	0.13	52.25
E2SC-06	1204	4,931	6 - 8	<b>0.105</b>	365.28	0.11	38.35
E2SC-07	1228	3,038	6 - 8	1.4	225.05	1.40	315.07
E2SC-13	1307	549	6 - 8	0.05	40.63	0.05	2.03
E2SC-14	1158,1361	5,296	6 - 8	<b>0.018</b>	392.30	0.02	7.06
E2SC-25	1216	7,297	6 - 8	2.4	540.51	2.40	1,297.22
ES2-5	1210	6,042	6 - 8	<b>0.025</b>	447.53	0.03	11.19
RAA4-2	1023	7,816	6 - 8	0.1875	578.94	0.19	108.55
RAA4-4	1024	8,221	6 - 8	<b>0.05725</b>	608.98	0.06	34.86
RAA4-16	1025	7,482	6 - 8	15.5	554.24	15.50	8,590.79
RAA4-17	1026	4,115	6 - 8	0.55	304.79	0.55	167.63
RAA4-18	1027,1368	5,342	6 - 8	0.26	395.72	0.26	102.89

**TABLE C-8  
EXISTING CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**6- TO 8-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-19	1028	4,901	6 - 8	0.022	363.02	0.02	7.99
RAA4-20	1029	6,747	6 - 8	0.0195	499.77	0.02	9.75
RAA4-21	1030,1030A	5,702	6 - 8	0.0275	422.33	0.03	11.61
RAA4-22	1031,1031A	3,164	6 - 8	0.024	234.36	0.02	5.62
RAA4-A33	1146	4,723	6 - 8	0.29	349.87	0.29	101.46
RAA4-A34	1047	3,840	6 - 8	0.0195	284.44	0.02	5.55
RAA4-A35	1046	4,345	6 - 8	0.375	321.82	0.38	120.68
RAA4-A37	1148,1356	4,194	6 - 8	0.53	310.64	0.53	164.64
RAA4-B29	1077	5,988	6 - 8	0.035	443.57	0.04	15.52
RAA4-B31	1063	8,495	6 - 8	3.5	629.25	3.50	2,202.38
RAA4-B33E	1237	8,259	6 - 8	0.0175	611.76	0.02	10.71
RAA4-B34	1048	7,774	6 - 8	0.4325	575.87	0.43	249.07
RAA4-B35	1045	5,427	6 - 8	1.32	402.02	1.32	530.66
RAA4-C23	1130	4,870	6 - 8	2.13	360.71	2.13	768.31
RAA4-C25	1125	7,196	6 - 8	0.16	533.05	0.16	85.29
RAA4-C27	1078	9,504	6 - 8	1.49	703.99	1.49	1,048.94
RAA4-C29	1076	8,513	6 - 8	0.0785	630.57	0.08	49.50
RAA4-C31	1064	11,859	6 - 8	3.92	878.47	3.92	3,443.61
RAA4-C33	1062	6,305	6 - 8	7.635	467.05	7.64	3,565.91
RAA4-C34	1049,1345	3,612	6 - 8	1.245	267.53	1.25	333.08
RAA4-C35	1044	4,766	6 - 8	5.77	353.02	5.77	2,036.94
RAA4-C36	1157	7,128	6 - 8	13	527.97	13.00	6,863.62
RAA4-D19	1126	6,489	6 - 8	0.0185	480.69	0.02	8.89
RAA4-D21	1124	9,555	6 - 8	0.019	707.79	0.02	13.45
RAA4-D23	1083	9,462	6 - 8	0.72	700.85	0.72	504.61
RAA4-D25	1131	10,799	6 - 8	0.019	799.92	0.02	15.20
RAA4-D27	1143	8,304	6 - 8	3	615.14	3.00	1,845.42
RAA4-D29	1075	6,060	6 - 8	36	448.87	36.00	16,159.49
RAA4-D31	1065	7,946	6 - 8	66.15	588.56	66.15	38,933.34
RAA4-D33	1061	6,840	6 - 8	0.129	506.67	0.13	65.36
RAA4-D34	1050	5,844	6 - 8	1.36	432.89	1.36	588.73
RAA4-D35	1156	7,089	6 - 8	24.3	525.12	24.30	12,760.51
RAA4-D36	1037	10,037	6 - 8	202.5	743.48	202.50	150,553.80
RAA4-E15	1087	8,385	6 - 8	0.018	621.12	0.02	11.18
RAA4-E17	1086,1249	4,719	6 - 8	0.021	349.58	0.02	7.34
RAA4-E19	1127	9,311	6 - 8	0.117	689.74	0.12	80.70
RAA4-E21	1128	8,986	6 - 8	0.02075	665.65	0.02	13.81
RAA4-E23	1129	10,473	6 - 8	3.33	775.78	3.33	2,583.35
RAA4-E27	1144	8,405	6 - 8	680	622.59	680.00	423,357.93
RAA4-E29	1074	6,816	6 - 8	152.5	504.85	152.50	76,990.02
RAA4-E33	1060	8,407	6 - 8	15.6	622.76	15.60	9,715.06
RAA4-E35	1043	8,515	6 - 8	8.675	630.76	8.68	5,471.85
RAA4-E38	1312	1,441	6 - 8	0.575	106.74	0.58	61.38
RAA4-E39	1311	125	6 - 8	3.3	9.29	3.30	30.66
RAA4-F21	1084	6,303	6 - 8	0.96	466.89	0.96	448.21
RAA4-F23	1155	9,198	6 - 8	1.7	681.32	1.70	1,158.25
RAA4-F25	1149	12,029	6 - 8	71	891.00	71.00	63,261.26
RAA4-F27	1145	10,337	6 - 8	93.1	765.68	93.10	71,285.22
RAA4-F29	1073	7,504	6 - 8	17.05	555.82	17.05	9,476.68
RAA4-F31	1066	10,785	6 - 8	36	798.92	36.00	28,761.04
RAA4-F33	1059	9,935	6 - 8	0.018	735.94	0.02	13.25
RAA4-F34	1051	11,717	6 - 8	0.016	867.95	0.02	13.89
RAA4-F35	1042	8,024	6 - 8	0.019	594.36	0.02	11.29
RAA4-F36	1321	604	6 - 8	0.01925	44.75	0.02	0.86
RAA4-G14	1370	4	6 - 8	2.68	0.32	2.68	0.87
RAA4-G17	1154	7,325	6 - 8	0.054	542.60	0.05	29.30
RAA4-G27	1123	14,870	6 - 8	463	1,101.47	463.00	509,981.12
RAA4-G31	1067	9,979	6 - 8	0.0195	739.18	0.02	14.41

**TABLE C-8  
EXISTING CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**6- TO 8-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-G33	1058	9,946	6 - 8	0.0195	736.76	0.02	14.37
RAA4-G34	1052	5,738	6 - 8	0.018	425.06	0.02	7.65
RAA4-G35	1323	369	6 - 8	0.018	27.30	0.02	0.49
RAA4-H17	1088	10,851	6 - 8	0.064	803.76	0.06	51.44
RAA4-H21	1085	6,655	6 - 8	32	492.94	32.00	15,774.22
RAA4-H24	1122	15,114	6 - 8	77	1,119.55	77.00	86,205.32
RAA4-H27	1079	12,666	6 - 8	11.2	938.24	11.20	10,508.24
RAA4-H29	1072	11,125	6 - 8	60.5	824.07	60.50	49,855.99
RAA4-H31	1068	7,561	6 - 8	2.16	560.11	2.16	1,209.84
RAA4-H33	1326	2,436	6 - 8	0.21	180.41	0.21	37.89
RAA4-I19	1121	9,023	6 - 8	20	668.38	20.00	13,367.69
RAA4-I23	1082	8,558	6 - 8	35.425	633.90	35.43	22,455.75
RAA4-I25	1081	9,188	6 - 8	160	680.59	160.00	108,894.10
RAA4-I27	1080	8,147	6 - 8	24	603.51	24.00	14,484.21
RAA4-I31	1328	198	6 - 8	0.015	14.66	0.02	0.22
RAA4-K19	1120	8,837	6 - 8	0.059	654.61	0.06	38.62
RAA4-K21	1152	7,526	6 - 8	9.7	557.45	9.70	5,407.26
RAA4-K23	1153	5,515	6 - 8	290	408.52	290.00	118,469.94
RAA4-K25	1150	4,856	6 - 8	1.35	359.71	1.35	485.60
RAA4-K27	1107	2,037	6 - 8	174	150.85	174.00	26,248.61
RAA4-M17	1290	762	6 - 8	0.0205	56.46	0.02	1.16
RAA4-M19	1120A	15	6 - 8	0.31	1.09	0.31	0.34
RAA4-M21	1287	758	6 - 8	0.018	56.15	0.02	1.01
RAA4-M23	1286	659	6 - 8	0.038	48.82	0.04	1.86
RCP-C5	1321	6,266	6 - 7	1,700	464.11	1,600.00	742,582.52
			7 - 8	1,500			
RCP-C6	22	955	6 - 7	1,900	70.78	1,055.00	74,668.99
			7 - 8	210			
RCP-C7	21	583	6 - 7	2,000	43.18	1,033.00	44,604.94
			7 - 8	66			
TW-SB-1	1215	5,596	6 - 8	0.425	414.49	0.43	176.16
X-4	1173	6,514	6 - 8	300	482.52	300.00	144,755.33
X-5	1172	10,280	6 - 8	467	761.45	467.00	355,596.63
X-6	1171	5,278	6 - 8	5.7	390.98	5.70	2,228.59
X-7	1168	8,685	6 - 8	9.4	643.33	9.40	6,047.33
X-8	1167	9,237	6 - 8	14	684.25	14.00	9,579.47
X-9	1165	5,779	6 - 8	7.21	428.07	7.21	3,086.42
X-10	1164	3,965	6 - 8	140	293.69	140.00	41,115.93
X-12	1170	5,737	6 - 8	0.24	424.98	0.24	102.00
X-14	1166	4,569	6 - 8	0.05	338.47	0.05	16.92
X-15	1163	5,278	6 - 8	0.25	390.93	0.25	97.73
X-16	1160,1360	5,028	6 - 8	0.115	372.47	0.12	42.83
X-17	1239	5,587	6 - 8	0.025	413.83	0.03	10.35
X-18	1161	3,959	6 - 8	0.025	293.30	0.03	7.33
X-19	1217	2,233	6 - 8	0.13	165.44	0.13	21.51
X-20	1218	4,446	6 - 8	0.025	329.31	0.03	8.23
Y-8	1178	2,738	6 - 8	0.025	202.80	0.03	5.07
Y-9	1179	4,925	6 - 8	210.025	364.83	210.03	76,624.12
Y-10	1180	5,764	6 - 8	26	426.94	26.00	11,100.34
Y-12	1182	9,184	6 - 8	0.38	680.30	0.38	258.52
Y-13	1184	8,379	6 - 8	1.3	620.69	1.30	806.90
Y-14	1185	9,983	6 - 8	19	739.49	19.00	14,050.27
Y-15	1186	7,872	6 - 8	10.9	583.08	10.90	6,355.58
Y-19	1223	12,248	6 - 8	6.2	907.24	6.20	5,624.91
Y-20	1187	11,683	6 - 8	224	865.43	224.00	193,855.57
Y-21	1371	2,853	6 - 8	0.025	211.35	0.03	5.28
Y-22	1196	6,023	6 - 8	0.025	446.14	0.03	11.15
Y-23	1189	11,538	6 - 8	0.025	854.68	0.03	21.37
Y-24	1190	6,409	6 - 8	0.025	474.71	0.03	11.87
Y-26	1191	6,514	6 - 8	0.025	482.48	0.03	12.06
<b>Totals:</b>	--	1,041,320	--	--	77,134.81	--	3,673,211.36
<b>Volume-Weighted Average:</b>							<b>47.62</b>

**TABLE C-8**  
**EXISTING CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**8- TO 10-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
60-1	1250	3,347	8 - 10	21	247.90	21.00	5,205.92
60-5	1249	7,264	8 - 10	6.8	538.11	6.80	3,659.12
95-02	1225	4,000	8 - 10	0.032	296.32	0.03	9.48
95-04	1247	5,280	8 - 10	150	391.09	150.00	58,663.44
95-05	1223	9,031	8 - 10	7.5	668.96	7.50	5,017.17
95-07	1224	4,122	8 - 10	1.1	305.35	1.10	335.89
95-08	1204	4,944	8 - 10	0.048	366.25	0.05	17.58
95-09	1255	7,653	8 - 9	0.013	566.90	0.02	8.79
			9 - 10	0.018			
95-19	1228	6,846	8 - 10	0.98	507.09	0.98	496.95
95-26	1203	10,832	8 - 10	1.4	802.40	1.40	1,123.36
CRA-1	1011	6,026	8 - 10	0.0215	446.35	0.02	9.60
CRA-2	1012	3,635	8 - 10	0.022	269.29	0.02	5.92
CRA-3	1017,1373	4,781	8 - 10	0.016125	354.16	0.02	5.71
CRA-4	1016	5,630	8 - 10	0.0215	417.00	0.02	8.97
CRA-5	1015	6,439	8 - 10	0.022	476.96	0.02	10.49
CRA-6	1014	9,479	8 - 10	0.022	702.14	0.02	15.45
CRA-7	1013	6,469	8 - 10	0.022	479.15	0.02	10.54
CRA-8	1018,1372	8,767	8 - 10	0.094	649.38	0.09	61.04
CRA-9	1019	7,091	8 - 10	0.021	525.28	0.02	11.03
CRA-10	1020	8,438	8 - 10	0.022	625.05	0.02	13.75
CRA-11	1021	10,012	8 - 10	0.0215	741.65	0.02	15.95
CRA-12	1022	9,513	8 - 10	0.0225	704.65	0.02	15.85
CRA-13	1023	7,401	8 - 10	0.027	548.22	0.03	14.80
CRA-14	1029,1375	8,530	8 - 10	0.0205	631.83	0.02	12.95
CRA-15	1028,1377	9,308	8 - 10	0.13	689.50	0.13	89.64
CRA-16	1027,1382	8,253	8 - 10	0.145	611.32	0.15	88.64
CRA-17	1026,1380	9,802	8 - 10	0.021	726.11	0.02	15.25
CRA-18	1025,1379	9,652	8 - 10	0.0225	714.98	0.02	16.09
CRA-19	1024,1256	4,789	8 - 10	0.024	354.71	0.02	8.51
CRA-20	1030	2,678	8 - 10	0.021	198.38	0.02	4.17
CRA-21	1031	3,437	8 - 10	0.02025	254.57	0.02	5.16
CRA-22	1032	2,166	8 - 10	0.022	160.41	0.02	3.53
E2SC-05	1169,1381	5,426	8 - 10	0.13	401.93	0.13	52.25
E2SC-06	1215	4,931	8 - 10	0.105	365.28	0.11	38.35
E2SC-07	1243	3,038	8 - 10	1.4	225.05	1.40	315.07
E2SC-13	1322	549	8 - 10	0.05	40.63	0.05	2.03
E2SC-14	1168,1376	5,296	8 - 10	0.018	392.30	0.02	7.06
E2SC-25	1230	7,297	8 - 10	2.4	540.51	2.40	1,297.22
ES2-5	1221	6,042	8 - 10	0.07	447.53	0.07	31.33
RAA4-2	1033	7,816	8 - 10	0.1875	578.94	0.19	108.55
RAA4-4	1034	8,221	8 - 10	0.05725	608.98	0.06	34.86
RAA4-16	1035	7,482	8 - 10	15.5	554.24	15.50	8,590.79
RAA4-17	1036	4,115	8 - 10	0.55	304.79	0.55	167.63
RAA4-18	1037,1378	5,342	8 - 10	0.26	395.72	0.26	102.89
RAA4-19	1038	4,901	8 - 10	0.022	363.02	0.02	7.99
RAA4-20	1039	6,747	8 - 10	0.0195	499.77	0.02	9.75
RAA4-21	1040,1040A	5,702	8 - 10	0.0275	422.33	0.03	11.61
RAA4-22	1041,1041A	3,164	8 - 10	0.024	234.36	0.02	5.62
RAA4-A33	1156	4,723	8 - 10	0.29	349.87	0.29	101.46
RAA4-A34	1057	3,840	8 - 10	0.0195	284.44	0.02	5.55
RAA4-A35	1056	4,345	8 - 10	0.375	321.82	0.38	120.68
RAA4-A37	1158,1370	4,194	8 - 10	0.53	310.64	0.53	164.64
RAA4-B29	1087	5,988	8 - 10	0.035	443.57	0.04	15.52
RAA4-B31	1073	8,495	8 - 10	3.5	629.25	3.50	2,202.38
RAA4-B33E	1252	8,259	8 - 10	0.0175	611.76	0.02	10.71
RAA4-B34	1058	7,774	8 - 10	0.4325	575.87	0.43	249.07
RAA4-B35	1055	5,427	8 - 10	1.32	402.02	1.32	530.66

**TABLE C-8  
EXISTING CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**8- TO 10-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-C23	1140	4,870	8 - 10	2.13	360.71	2.13	768.31
RAA4-C25	1135	7,196	8 - 10	0.16	533.05	0.16	85.29
RAA4-C27	1088	9,504	8 - 10	1.49	703.99	1.49	1,048.94
RAA4-C29	1086	8,513	8 - 10	0.0785	630.57	0.08	49.50
RAA4-C31	1074	11,450	8 - 10	3.92	848.16	3.92	3,324.78
RAA4-C33	1072	6,305	8 - 10	7.635	467.05	7.64	3,565.91
RAA4-C34	1059,1360	3,612	8 - 10	1.245	267.53	1.25	333.08
RAA4-C35	1054	4,766	8 - 10	5.77	353.02	5.77	2,036.94
RAA4-C36	1167	7,128	8 - 10	13	527.97	13.00	6,863.62
RAA4-D19	1136	6,489	8 - 10	<b>0.0185</b>	480.69	0.02	8.89
RAA4-D21	1134	9,555	8 - 10	<b>0.019</b>	707.79	0.02	13.45
RAA4-D23	1093	9,462	8 - 10	0.72	700.85	0.72	504.61
RAA4-D25	1141	10,799	8 - 10	<b>0.019</b>	799.92	0.02	15.20
RAA4-D27	1153	8,304	8 - 10	3	615.14	3.00	1,845.42
RAA4-D29	1085	4,703	8 - 10	36	348.40	36.00	12,542.45
RAA4-D31	1075	4,070	8 - 10	66.15	301.47	66.15	19,942.56
RAA4-D33	1071	6,840	8 - 10	0.129	506.67	0.13	65.36
RAA4-D34	1060	5,844	8 - 10	1.36	432.89	1.36	588.73
RAA4-D35	1166	7,089	8 - 10	24.3	525.12	24.30	12,760.51
RAA4-D36	1047	10,083	8 - 10	202.5	746.87	202.50	151,241.55
RAA4-E15	1097	8,385	8 - 10	<b>0.018</b>	621.12	0.02	11.18
RAA4-E17	1096,1264	4,719	8 - 10	<b>0.021</b>	349.58	0.02	7.34
RAA4-E19	1137	9,311	8 - 10	0.117	689.74	0.12	80.70
RAA4-E21	1138	8,986	8 - 10	<b>0.02075</b>	665.65	0.02	13.81
RAA4-E23	1139	10,473	8 - 10	3.33	775.78	3.33	2,583.35
RAA4-E27	1154	8,387	8 - 10	680	621.22	680.00	422,432.12
RAA4-E29	1084	6,763	8 - 10	152.5	500.96	152.50	76,395.84
RAA4-E33	1070	8,407	8 - 10	15.6	622.76	15.60	9,715.06
RAA4-E35	1053	10,272	8 - 10	8.675	760.92	8.68	6,600.99
RAA4-E38	1327	1,441	8 - 10	0.575	106.74	0.58	61.38
RAA4-E39	1326	125	8 - 10	3.3	9.29	3.30	30.66
RAA4-F21	1094	6,303	8 - 10	0.96	466.89	0.96	448.21
RAA4-F23	1165	8,096	8 - 10	1.7	599.67	1.70	1,019.43
RAA4-F25	1159	7,157	8 - 10	71	530.16	71.00	37,641.68
RAA4-F27	1155	5,783	8 - 10	93.1	428.39	93.10	39,883.42
RAA4-F29	1083	7,504	8 - 10	17.05	555.82	17.05	9,476.68
RAA4-F31	1076	10,785	8 - 10	36	798.92	36.00	28,761.04
RAA4-F33	1069	9,935	8 - 10	<b>0.018</b>	735.94	0.02	13.25
RAA4-F34	1061	11,717	8 - 10	0.016	867.95	0.02	13.89
RAA4-F35	1052	8,424	8 - 10	<b>0.019</b>	623.98	0.02	11.86
RAA4-F36	1336	2,640	8 - 10	<b>0.01925</b>	195.59	0.02	3.77
RAA4-G14	1385	4	8 - 10	2.68	0.32	2.68	0.87
RAA4-G17	1164	7,325	8 - 10	0.054	542.60	0.05	29.30
RAA4-G27	1133	11,748	8 - 10	463	870.26	463.00	402,928.32
RAA4-G31	1077	9,979	8 - 10	<b>0.0195</b>	739.18	0.02	14.41
RAA4-G33	1068	9,946	8 - 10	<b>0.0195</b>	736.76	0.02	14.37
RAA4-G34	1062	5,738	8 - 10	<b>0.018</b>	425.06	0.02	7.65
RAA4-G35	1338	369	8 - 10	<b>0.018</b>	27.30	0.02	0.49
RAA4-H17	1098	10,851	8 - 10	0.064	803.76	0.06	51.44
RAA4-H21	1095	6,655	8 - 10	32	492.94	32.00	15,774.22
RAA4-H24	1132	14,488	8 - 10	77	1,073.16	77.00	82,632.98
RAA4-H27	1089	12,666	8 - 10	11.2	938.24	11.20	10,508.24
RAA4-H29	1082	11,125	8 - 10	60.5	824.07	60.50	49,855.99
RAA4-H31	1078	7,561	8 - 10	2.16	560.11	2.16	1,209.84
RAA4-H33	1341	2,436	8 - 10	0.21	180.41	0.21	37.89
RAA4-I19	1131	9,023	8 - 10	20	668.38	20.00	13,367.69
RAA4-I23	1092	8,558	8 - 10	35.425	633.90	35.43	22,455.75
RAA4-I25	1091	9,188	8 - 10	160	680.59	160.00	108,894.10

**TABLE C-8  
EXISTING CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**8- TO 10-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-I27	1090	8,147	8 - 10	24	603.51	24.00	14,484.21
RAA4-I31	1343	198	8 - 10	0.015	14.66	0.02	0.22
RAA4-K19	1130	8,837	8 - 10	0.059	654.61	0.06	38.62
RAA4-K21	1162	7,526	8 - 10	9.7	557.45	9.70	5,407.26
RAA4-K23	1163	5,515	8 - 10	290	408.52	290.00	118,469.94
RAA4-K25	1160	4,866	8 - 10	1.35	359.71	1.35	485.60
RAA4-K27	1117	2,037	8 - 10	174	150.85	174.00	26,248.61
RAA4-M17	1305	762	8 - 10	0.0205	56.46	0.02	1.16
RAA4-M19	1304	15	8 - 10	0.31	1.09	0.31	0.34
RAA4-M21	1302	758	8 - 10	0.018	56.15	0.02	1.01
RAA4-M23	1301	659	8 - 10	0.038	48.82	0.04	1.86
TW-SB-1	1229	5,596	8 - 10	0.395	414.49	0.40	163.72
X-4	1184	6,514	8 - 10	105	482.52	105.00	50,664.37
X-5	1183	10,280	8 - 10	1,500	761.45	1,500.00	1,142,173.33
X-6	1182	5,278	8 - 10	0.07	390.98	0.07	27.37
X-7	1178	8,233	8 - 10	1.1	609.82	1.10	670.81
X-8	1177	9,237	8 - 10	25	684.25	25.00	17,106.20
X-9	1175	5,788	8 - 10	10	428.71	10.00	4,287.07
X-10	1174	7,408	8 - 10	160	548.72	160.00	87,794.96
X-12	1181	4,995	8 - 10	4.45	370.01	4.45	1,646.56
X-13	1180	6,903	8 - 10	0.025	511.32	0.03	12.78
X-14	1176	4,569	8 - 10	0.025	338.47	0.03	8.46
X-15	1173	5,278	8 - 10	0.605	390.93	0.61	236.51
X-16	1170,1374	5,028	8 - 10	0.09	372.47	0.09	33.52
X-17	1254	5,587	8 - 10	0.025	413.83	0.03	10.35
X-18	1171	3,959	8 - 10	0.05	293.30	0.05	14.66
X-19	1231	2,233	8 - 10	1.07	165.44	1.07	177.02
X-20	1232	4,446	8 - 10	0.025	329.31	0.03	8.23
Y-8	1189	2,738	8 - 10	0.025	202.80	0.03	5.07
Y-9	1190	4,925	8 - 10	240	364.83	240.00	87,560.00
Y-10	1191	5,764	8 - 10	20.8	426.94	20.80	8,880.27
Y-12	1193	9,184	8 - 10	1.6	680.30	1.60	1,088.49
Y-13	1195	8,379	8 - 10	0.14	620.69	0.14	86.90
Y-14	1196	9,983	8 - 10	36	739.49	36.00	26,621.57
Y-15	1197	7,872	8 - 10	0.025	583.08	0.03	14.58
Y-19	1237	12,248	8 - 10	0.025	907.24	0.03	22.68
Y-20	1198	11,666	8 - 10	340	864.14	340.00	293,806.34
Y-21	1384	2,853	8 - 10	0.025	211.35	0.03	5.28
Y-22	1207	6,023	8 - 10	0.025	446.14	0.03	11.15
Y-23	1200	11,538	8 - 10	0.025	854.68	0.03	21.37
Y-24	1201	6,409	8 - 10	1.4625	474.71	1.46	694.27
Y-26	1202	6,514	8 - 10	0.025	482.48	0.03	12.06
<b>Totals:</b>	--	1,041,320	--	--	77,134.81	--	3,538,763.50
<b>Volume-Weighted Average:</b>							<b>45.88</b>

**10- TO 11-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
60-1	1184	3,347	10 - 11	21	123.95	21.00	2,602.96
60-5	1183	8,791	10 - 11	6.8	325.58	6.80	2,213.97
95-02	1163	4,000	10 - 11	0.012	148.16	0.01	1.78
95-04	1181	5,280	10 - 11	4.8	195.54	4.80	938.62
95-05	1162	9,031	10 - 11	68	334.48	68.00	22,744.49
95-08	1145	4,944	10 - 11	0.0415	183.13	0.04	7.60
95-09	1188	7,653	10 - 11	0.018	283.45	0.02	5.10
95-19	1166	6,846	10 - 11	0.21	253.54	0.21	53.24

**TABLE C-8  
EXISTING CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**10- TO 11-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-26	1144	10,832	10 - 11	0.44	401.20	0.44	176.53
CRA-1	965	6,026	10 - 11	0.0215	223.18	0.02	4.80
CRA-2	966	3,635	10 - 11	0.022	134.65	0.02	2.96
CRA-3	971,1318	4,781	10 - 11	0.016125	177.08	0.02	2.86
CRA-4	970	5,630	10 - 11	0.0215	208.50	0.02	4.48
CRA-5	969	6,439	10 - 11	0.022	238.48	0.02	5.25
CRA-6	968	9,479	10 - 11	0.022	351.07	0.02	7.72
CRA-7	967	6,469	10 - 11	0.022	239.58	0.02	5.27
CRA-8	972,1302	8,767	10 - 11	0.094	324.69	0.09	30.52
CRA-9	973	7,091	10 - 11	0.021	262.64	0.02	5.52
CRA-10	974	8,438	10 - 11	0.022	312.52	0.02	6.88
CRA-11	975	10,012	10 - 11	0.0215	370.82	0.02	7.97
CRA-12	976	9,513	10 - 11	0.0225	352.32	0.02	7.93
CRA-13	977	7,401	10 - 11	0.027	274.11	0.03	7.40
CRA-14	983,1304	8,577	10 - 11	0.0205	317.68	0.02	6.51
CRA-15	982,1305	9,308	10 - 11	0.13	344.75	0.13	44.82
CRA-16	981,1307	8,253	10 - 11	0.145	305.66	0.15	44.32
CRA-17	980,1308	9,802	10 - 11	0.021	363.05	0.02	7.62
CRA-18	979,1310	9,652	10 - 11	0.0225	357.49	0.02	8.04
CRA-19	978,1189	4,789	10 - 11	0.024	177.36	0.02	4.26
CRA-20	984	2,678	10 - 11	0.021	99.19	0.02	2.08
CRA-21	985	3,437	10 - 11	0.02025	127.28	0.02	2.58
CRA-22	986	2,166	10 - 11	0.022	80.21	0.02	1.76
E2SC-05	1122,1309	5,426	10 - 11	0.13	200.97	0.13	26.13
E2SC-06	1154	5,710	10 - 11	0.105	211.49	0.11	22.21
E2SC-07	1176	3,038	10 - 11	1.4	112.52	1.40	157.53
E2SC-13	1253	549	10 - 11	0.05	20.32	0.05	1.02
E2SC-14	1121,1311	5,296	10 - 11	0.018	196.15	0.02	3.53
E2SC-25	1168	7,297	10 - 11	2.4	270.25	2.40	648.61
ES2-5	1160	6,081	10 - 11	0.025	225.22	0.03	5.63
RAA4-2	987	7,816	10 - 11	0.1875	289.47	0.19	54.28
RAA4-4	988	8,269	10 - 11	0.05725	306.25	0.06	17.53
RAA4-16	989	9,023	10 - 11	15.5	334.19	15.50	5,179.96
RAA4-17	990	5,659	10 - 11	0.55	209.60	0.55	115.28
RAA4-18	991,1306	5,342	10 - 11	0.26	197.86	0.26	51.44
RAA4-19	992	4,901	10 - 11	0.022	181.51	0.02	3.99
RAA4-20	993	6,747	10 - 11	0.0195	249.89	0.02	4.87
RAA4-21	994,994B	5,702	10 - 11	0.0275	211.17	0.03	5.81
RAA4-22	1251A,1251B	3,164	10 - 11	0.024	117.18	0.02	2.81
RAA4-A33	1109	4,723	10 - 11	0.29	174.94	0.29	50.73
RAA4-A34	1010	4,805	10 - 11	0.0195	177.98	0.02	3.47
RAA4-A37	1111,1319	4,194	10 - 11	0.53	155.32	0.53	82.32
RAA4-B29	1040	5,988	10 - 11	0.035	221.78	0.04	7.76
RAA4-B31	1026	8,495	10 - 11	3.5	314.63	3.50	1,101.19
RAA4-B33E	1186	8,259	10 - 11	0.0175	305.88	0.02	5.35
RAA4-B34	1011	7,835	10 - 11	0.4325	290.18	0.43	125.50
RAA4-B35	1009	5,567	10 - 11	1.32	206.17	1.32	272.14
RAA4-C23	1093	4,870	10 - 11	2.13	180.35	2.13	384.16
RAA4-C25	1088	7,196	10 - 11	0.16	266.53	0.16	42.64
RAA4-C27	1041	9,751	10 - 11	1.49	361.13	1.49	538.08
RAA4-C29	1039	9,675	10 - 11	0.0785	358.33	0.08	28.13
RAA4-C31	1027	11,450	10 - 11	3.92	424.08	3.92	1,662.39
RAA4-C33	1025	6,305	10 - 11	7.635	233.52	7.64	1,782.96
RAA4-C34	1012,1291	3,612	10 - 11	1.245	133.77	1.25	166.54
RAA4-C35	1008	4,766	10 - 11	5.77	176.51	5.77	1,018.47
RAA4-C36	1120	7,128	10 - 11	13	263.99	13.00	3,431.81
RAA4-D19	1089	6,860	10 - 11	0.0185	254.06	0.02	4.70
RAA4-D21	1087	9,555	10 - 11	0.019	353.90	0.02	6.72



**TABLE C-8  
EXISTING CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**10- TO 11-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-D23	1046	9,462	10 - 11	0.72	350.43	0.72	252.31
RAA4-D25	1094	10,799	10 - 11	0.019	399.96	0.02	7.60
RAA4-D27	1106	10,178	10 - 11	3	376.96	3.00	1,130.89
RAA4-D29	1038	8,545	10 - 11	36	316.48	36.00	11,393.39
RAA4-D31	1028	4,070	10 - 11	66.15	150.74	66.15	9,971.28
RAA4-D33	1024	6,840	10 - 11	0.129	253.34	0.13	32.68
RAA4-D34	1013	5,844	10 - 11	1.36	216.45	1.36	294.37
RAA4-D35	1119	7,089	10 - 11	24.3	262.56	24.30	6,380.25
RAA4-D36	1001	10,083	10 - 11	202.5	373.44	202.50	75,620.78
RAA4-E15	1050	8,975	10 - 11	0.018	332.40	0.02	5.98
RAA4-E17	1049,1197	10,411	10 - 11	0.021	385.61	0.02	8.10
RAA4-E19	1090	10,592	10 - 11	0.117	392.28	0.12	45.90
RAA4-E21	1091	9,607	10 - 11	0.02075	355.80	0.02	7.38
RAA4-E23	1092	10,473	10 - 11	3.33	387.89	3.33	1,291.68
RAA4-E27	1107	10,028	10 - 11	680	371.42	680.00	252,568.62
RAA4-E29	1037	11,316	10 - 11	152.5	419.12	152.50	63,916.42
RAA4-E33	1023	8,407	10 - 11	15.6	311.38	15.60	4,857.53
RAA4-E35	1007	10,272	10 - 11	8.675	380.46	8.68	3,300.49
RAA4-E38	1258	1,441	10 - 11	0.575	53.37	0.58	30.69
RAA4-E39	1257	125	10 - 11	3.3	4.65	3.30	15.33
RAA4-F21	1047	10,549	10 - 11	0.96	390.71	0.96	375.08
RAA4-F23	1118	8,096	10 - 11	1.7	299.83	1.70	509.72
RAA4-F25	1112	7,157	10 - 11	71	265.08	71.00	18,820.84
RAA4-F27	1108	6,047	10 - 11	93.1	223.96	93.10	20,850.88
RAA4-F29	1036	8,071	10 - 11	17.05	298.93	17.05	5,096.74
RAA4-F31	1029	10,785	10 - 11	36	399.46	36.00	14,380.52
RAA4-F33	1022	9,935	10 - 11	0.018	367.97	0.02	6.62
RAA4-F34	1014	11,717	10 - 11	0.016	433.98	0.02	6.94
RAA4-F35	1006	8,424	10 - 11	0.019	311.99	0.02	5.93
RAA4-F36	1267	2,640	10 - 11	0.01925	97.80	0.02	1.88
RAA4-G14	1313,1315	1,909	10 - 11	2.68	70.70	2.68	189.48
RAA4-G17	1117	10,320	10 - 11	0.054	382.24	0.05	20.64
RAA4-G27	1086	11,748	10 - 11	463	435.13	463.00	201,464.16
RAA4-G31	1030	9,979	10 - 11	0.0195	369.59	0.02	7.21
RAA4-G33	1021	9,946	10 - 11	0.0195	368.38	0.02	7.18
RAA4-G34	1015	5,738	10 - 11	0.018	212.53	0.02	3.83
RAA4-G35	1269	369	10 - 11	0.018	13.65	0.02	0.25
RAA4-H17	1051	10,870	10 - 11	0.064	402.61	0.06	25.77
RAA4-H21	1048	6,655	10 - 11	32	246.47	32.00	7,887.11
RAA4-H24	1085	14,488	10 - 11	77	536.58	77.00	41,316.49
RAA4-H27	1042	12,666	10 - 11	11.2	469.12	11.20	5,254.12
RAA4-H29	1035	11,125	10 - 11	60.5	412.03	60.50	24,927.99
RAA4-H31	1031	7,561	10 - 11	2.16	280.06	2.16	604.92
RAA4-H33	1272	2,436	10 - 11	0.21	90.21	0.21	18.94
RAA4-I19	1084	12,209	10 - 11	20	452.18	20.00	9,043.67
RAA4-I23	1045	8,558	10 - 11	35.425	316.95	35.43	11,227.88
RAA4-I25	1044	9,188	10 - 11	160	340.29	160.00	54,447.05
RAA4-I27	1043	8,147	10 - 11	24	301.75	24.00	7,242.11
RAA4-I31	1274	198	10 - 11	0.015	7.33	0.02	0.11
RAA4-K19	1083	12,150	10 - 11	0.059	449.99	0.06	26.55
RAA4-K21	1115	8,118	10 - 11	9.7	300.68	9.70	2,916.56
RAA4-K23	1116	5,515	10 - 11	290	204.26	290.00	59,234.97
RAA4-K25	1113	4,856	10 - 11	1.35	179.85	1.35	242.80
RAA4-K27	1070	2,037	10 - 11	174	75.43	174.00	13,124.30
RAA4-M17	1239	762	10 - 11	0.0205	28.23	0.02	0.58
RAA4-M19	1238	507	10 - 11	0.31	18.78	0.31	5.82
RAA4-M21	1237	1,266	10 - 11	0.018	46.91	0.02	0.84
RAA4-M23	1236	659	10 - 11	0.038	24.41	0.04	0.93

**TABLE C-8  
EXISTING CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**10- TO 11-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
TW-SB-1	1167	6,888	10 - 11	0.415	255.09	0.42	105.86
X-4	1134	6,514	10 - 11	3,500	241.26	3,500.00	844,406.11
X-5	1133	10,280	10 - 11	6.6	380.72	6.60	2,512.78
X-7	1130	8,233	10 - 11	7.5	304.91	7.50	2,286.84
X-8	1129	9,237	10 - 11	33	342.12	33.00	11,290.09
X-9	1127	5,788	10 - 11	9	214.35	9.00	1,929.18
X-10	1126	7,408	10 - 11	38	274.36	38.00	10,425.65
X-13	1132	7,148	10 - 11	0.13	264.74	0.13	34.42
X-14	1128	4,569	10 - 11	0.5	169.24	0.50	84.62
X-15	1125	5,278	10 - 11	0.05	195.47	0.05	9.77
X-16	1123,1303	5,028	10 - 11	0.0825	186.23	0.08	15.36
X-17	973A	5,587	10 - 11	0.025	206.92	0.03	5.17
X-20	1169	8,567	10 - 11	0.1225	317.28	0.12	38.87
Y-9	1136	4,925	10 - 11	1.35	182.42	1.35	246.26
Y-10	1137	5,764	10 - 11	105.55	213.47	105.55	22,531.56
Y-12	1138	10,624	10 - 11	0.025	393.48	0.03	9.84
Y-14	1139	9,983	10 - 11	260	369.74	260.00	96,133.46
Y-15	1140	7,872	10 - 11	705	291.54	705.00	205,535.96
Y-19	1171	12,248	10 - 11	37.8	453.62	37.80	17,146.91
Y-20	1141	11,666	10 - 11	410	432.07	410.00	177,147.94
Y-21	1312	3,234	10 - 11	0.025	119.77	0.03	2.99
Y-23	1143	12,404	10 - 11	0.025	459.42	0.03	11.49
<b>Totals:</b>	--	1,041,320	--	--	38,567.40	--	2,368,321.76
<b>Volume-Weighted Average:</b>							<b>61.41</b>

**11- TO 12-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
60-1	1184	3,347	11 - 12	21	123.95	21.00	2,602.96
60-5	1183	8,791	11 - 12	6.8	325.58	6.80	2,213.97
95-02	1163	4,000	11 - 12	0.012	148.16	0.01	1.78
95-04	1181	5,280	11 - 12	4.8	195.54	4.80	938.62
95-05	1162	9,031	11 - 12	68	334.48	68.00	22,744.49
95-08	1145	4,944	11 - 12	0.0415	183.13	0.04	7.60
95-09	1188	7,653	11 - 12	0.069	283.45	0.07	19.56
95-19	1166	6,846	11 - 12	0.21	253.54	0.21	53.24
95-26	1144	10,832	11 - 12	0.44	401.20	0.44	176.53
CRA-1	965	6,026	11 - 12	0.0215	223.18	0.02	4.80
CRA-2	966	3,635	11 - 12	0.022	134.65	0.02	2.96
CRA-3	971,1318	4,781	11 - 12	0.016125	177.08	0.02	2.86
CRA-4	970	5,803	11 - 12	0.0215	214.92	0.02	4.62
CRA-5	969	6,554	11 - 12	0.022	242.74	0.02	5.34
CRA-6	968	9,479	11 - 12	0.022	351.07	0.02	7.72
CRA-7	967	6,469	11 - 12	0.022	239.58	0.02	5.27
CRA-8	972,1302	8,767	11 - 12	0.094	324.69	0.09	30.52
CRA-9	973	10,080	11 - 12	0.021	373.34	0.02	7.84
CRA-10	974	10,461	11 - 12	0.022	387.46	0.02	8.52
CRA-11	975	10,012	11 - 12	0.0215	370.82	0.02	7.97
CRA-12	976	9,513	11 - 12	0.0225	352.32	0.02	7.93
CRA-13	977	7,401	11 - 12	0.027	274.11	0.03	7.40
CRA-14	983,1304	8,577	11 - 12	0.0205	317.68	0.02	6.51
CRA-15	982,1305	9,465	11 - 12	0.13	350.54	0.13	45.57
CRA-16	981,1307	8,365	11 - 12	0.145	309.83	0.15	44.93
CRA-17	980,1308	9,802	11 - 12	0.021	363.05	0.02	7.62
CRA-18	979,1310	9,652	11 - 12	0.0225	357.49	0.02	8.04
CRA-19	978,1189	4,789	11 - 12	0.024	177.36	0.02	4.26

**TABLE C-8  
EXISTING CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**11- TO 12-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
CRA-20	984	2,696	11 - 12	0.021	99.84	0.02	2.10
CRA-21	985	3,437	11 - 12	0.02025	127.28	0.02	2.58
CRA-22	986	2,166	11 - 12	0.022	80.21	0.02	1.76
E2SC-05	1122,1309	5,426	11 - 12	0.13	200.97	0.13	26.13
E2SC-06	1154	5,710	11 - 12	0.105	211.49	0.11	22.21
E2SC-07	1176	3,038	11 - 12	1.4	112.52	1.40	157.53
E2SC-13	1253	549	11 - 12	0.05	20.32	0.05	1.02
E2SC-14	1121,1311	5,296	11 - 12	0.018	196.15	0.02	3.53
E2SC-25	1168	7,297	11 - 12	2.4	270.25	2.40	648.61
ES2-5	1160	6,081	11 - 12	0.025	225.22	0.03	5.63
RAA4-2	987	7,816	11 - 12	0.1875	289.47	0.19	54.28
RAA4-4	988	8,269	11 - 12	0.05725	306.25	0.06	17.53
RAA4-16	989	9,023	11 - 12	15.5	334.19	15.50	5,179.96
RAA4-17	990	5,659	11 - 12	0.55	209.60	0.55	115.28
RAA4-18	991,1306	5,342	11 - 12	0.26	197.86	0.26	51.44
RAA4-19	992	4,901	11 - 12	0.022	181.51	0.02	3.99
RAA4-20	993	6,747	11 - 12	0.0195	249.89	0.02	4.87
RAA4-21	994,994B	5,702	11 - 12	0.0275	211.17	0.03	5.81
RAA4-22	1251A,1251B	3,164	11 - 12	0.024	117.18	0.02	2.81
RAA4-A33	1109	4,723	11 - 12	0.29	174.94	0.29	50.73
RAA4-A34	1010	4,805	11 - 12	0.0195	177.98	0.02	3.47
RAA4-A37	1111,1319	4,194	11 - 12	0.53	155.32	0.53	82.32
RAA4-B29	1040	5,988	11 - 12	0.035	221.78	0.04	7.76
RAA4-B31	1026	8,495	11 - 12	3.5	314.63	3.50	1,101.19
RAA4-B33E	1186	8,259	11 - 12	0.0175	305.88	0.02	5.35
RAA4-B34	1011	7,835	11 - 12	0.4325	290.18	0.43	125.50
RAA4-B35	1009	5,567	11 - 12	1.32	206.17	1.32	272.14
RAA4-C23	1093	4,870	11 - 12	2.13	180.35	2.13	384.16
RAA4-C25	1088	7,196	11 - 12	0.16	266.53	0.16	42.64
RAA4-C27	1041	9,751	11 - 12	1.49	361.13	1.49	538.08
RAA4-C29	1039	9,675	11 - 12	0.0785	358.33	0.08	28.13
RAA4-C31	1027	11,450	11 - 12	3.92	424.08	3.92	1,662.39
RAA4-C33	1025	6,305	11 - 12	7.635	233.52	7.64	1,782.96
RAA4-C34	1012,1291	3,612	11 - 12	1.245	133.77	1.25	166.54
RAA4-C35	1008	4,766	11 - 12	5.77	176.51	5.77	1,018.47
RAA4-C36	1120	7,128	11 - 12	13	263.99	13.00	3,431.81
RAA4-D19	1089	6,860	11 - 12	0.0185	254.06	0.02	4.70
RAA4-D21	1087	9,555	11 - 12	0.019	353.90	0.02	6.72
RAA4-D23	1046	9,462	11 - 12	0.72	350.43	0.72	252.31
RAA4-D25	1094	10,799	11 - 12	0.019	399.96	0.02	7.60
RAA4-D27	1106	10,178	11 - 12	3	376.96	3.00	1,130.89
RAA4-D29	1038	8,545	11 - 12	36	316.48	36.00	11,393.39
RAA4-D31	1028	4,070	11 - 12	66.15	150.74	66.15	9,971.28
RAA4-D33	1024	6,840	11 - 12	0.129	253.34	0.13	32.68
RAA4-D34	1013	5,844	11 - 12	1.36	216.45	1.36	294.37
RAA4-D35	1119	7,089	11 - 12	24.3	262.56	24.30	6,380.25
RAA4-D36	1001	10,083	11 - 12	202.5	373.44	202.50	75,620.78
RAA4-E15	1050	8,975	11 - 12	0.018	332.40	0.02	5.98
RAA4-E17	1049,1197	10,411	11 - 12	0.021	385.61	0.02	8.10
RAA4-E19	1090	10,592	11 - 12	0.117	392.28	0.12	45.90
RAA4-E21	1091	9,607	11 - 12	0.02075	355.80	0.02	7.38
RAA4-E23	1092	10,473	11 - 12	3.33	387.89	3.33	1,291.68
RAA4-E27	1107	10,028	11 - 12	680	371.42	680.00	252,568.62
RAA4-E29	1037	11,316	11 - 12	152.5	419.12	152.50	63,916.42
RAA4-E33	1023	8,407	11 - 12	15.6	311.38	15.60	4,857.53
RAA4-E35	1007	10,272	11 - 12	8.675	380.46	8.68	3,300.49
RAA4-E38	1258	1,441	11 - 12	0.575	53.37	0.58	30.69
RAA4-E39	1257	125	11 - 12	3.3	4.65	3.30	15.33

**TABLE C-8  
EXISTING CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**11- TO 12-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-F21	1047	10,549	11 - 12	0.96	390.71	0.96	375.08
RAA4-F23	1118	8,096	11 - 12	1.7	299.83	1.70	509.72
RAA4-F25	1112	7,157	11 - 12	71	265.08	71.00	18,820.84
RAA4-F27	1108	6,047	11 - 12	93.1	223.96	93.10	20,850.88
RAA4-F29	1036	8,071	11 - 12	17.05	298.93	17.05	5,096.74
RAA4-F31	1029	10,785	11 - 12	36	399.46	36.00	14,380.52
RAA4-F33	1022	9,935	11 - 12	<b>0.018</b>	367.97	0.02	6.62
RAA4-F34	1014	11,717	11 - 12	0.016	433.98	0.02	6.94
RAA4-F35	1006	8,424	11 - 12	<b>0.019</b>	311.99	0.02	5.93
RAA4-F36	1267	2,640	11 - 12	<b>0.01925</b>	97.80	0.02	1.88
RAA4-G14	1313,1315	1,909	11 - 12	2.68	70.70	2.68	189.48
RAA4-G17	1117	10,320	11 - 12	0.054	382.24	0.05	20.64
RAA4-G27	1086	11,748	11 - 12	463	435.13	463.00	201,464.16
RAA4-G31	1030	9,979	11 - 12	<b>0.0195</b>	369.59	0.02	7.21
RAA4-G33	1021	9,946	11 - 12	<b>0.0195</b>	368.38	0.02	7.18
RAA4-G34	1015	5,738	11 - 12	<b>0.018</b>	212.53	0.02	3.83
RAA4-G35	1269	369	11 - 12	<b>0.018</b>	13.65	0.02	0.25
RAA4-H17	1051	10,870	11 - 12	0.064	402.61	0.06	25.77
RAA4-H21	1048	6,655	11 - 12	32	246.47	32.00	7,887.11
RAA4-H24	1085	14,488	11 - 12	77	536.58	77.00	41,316.49
RAA4-H27	1042	12,666	11 - 12	11.2	469.12	11.20	5,254.12
RAA4-H29	1035	11,125	11 - 12	60.5	412.03	60.50	24,927.99
RAA4-H31	1031	7,561	11 - 12	2.16	280.06	2.16	604.92
RAA4-H33	1272	2,436	11 - 12	0.21	90.21	0.21	18.94
RAA4-H19	1084	12,209	11 - 12	20	452.18	20.00	9,043.67
RAA4-I23	1045	8,558	11 - 12	35.425	316.95	35.43	11,227.88
RAA4-I25	1044	9,188	11 - 12	160	340.29	160.00	54,447.05
RAA4-I27	1043	8,147	11 - 12	24	301.75	24.00	7,242.11
RAA4-I31	1274	198	11 - 12	0.015	7.33	0.02	0.11
RAA4-K19	1083	12,150	11 - 12	0.059	449.99	0.06	26.55
RAA4-K21	1115	8,118	11 - 12	9.7	300.68	9.70	2,916.56
RAA4-K23	1116	5,515	11 - 12	290	204.26	290.00	59,234.97
RAA4-K25	1113	4,856	11 - 12	1.35	179.85	1.35	242.80
RAA4-K27	1070	2,037	11 - 12	174	75.43	174.00	13,124.30
RAA4-M17	1239	762	11 - 12	<b>0.0205</b>	28.23	0.02	0.58
RAA4-M19	1238	507	11 - 12	0.31	18.78	0.31	5.82
RAA4-M21	1237	1,266	11 - 12	0.018	46.91	0.02	0.84
RAA4-M23	1236	659	11 - 12	0.038	24.41	0.04	0.93
TW-SB-1	1167	6,888	11 - 12	<b>0.415</b>	255.09	0.42	105.86
X-4	1134	6,514	11 - 12	3,500	241.26	3,500.00	844,406.11
X-5	1133	10,280	11 - 12	6.6	380.72	6.60	2,512.78
X-7	1130	8,233	11 - 12	<b>7.5</b>	304.91	7.50	2,286.84
X-8	1129	9,237	11 - 12	33	342.12	33.00	11,290.09
X-9	1127	5,788	11 - 12	9	214.35	9.00	1,929.18
X-10	1126	7,408	11 - 12	38	274.36	38.00	10,425.65
X-13	1132	7,148	11 - 12	0.13	264.74	0.13	34.42
X-14	1128	4,569	11 - 12	0.5	169.24	0.50	84.62
X-15	1125	5,278	11 - 12	0.05	195.47	0.05	9.77
X-16	1123,1303	5,028	11 - 12	0.0825	186.23	0.08	15.36
X-20	1169	8,567	11 - 12	0.1225	317.28	0.12	38.87
Y-9	1136	4,925	11 - 12	1.35	182.42	1.35	246.26
Y-10	1137	5,764	11 - 12	105.55	213.47	105.55	22,531.56
Y-12	1138	10,624	11 - 12	<b>0.025</b>	393.48	0.03	9.84
Y-14	1139	9,983	11 - 12	260	369.74	260.00	96,133.46
Y-15	1140	7,872	11 - 12	705	291.54	705.00	205,535.96
Y-19	1171	12,248	11 - 12	37.8	453.62	37.80	17,146.91
Y-20	1141	11,666	11 - 12	410	432.07	410.00	177,147.94
Y-21	1312	3,234	11 - 12	<b>0.025</b>	119.77	0.03	2.99
Y-23	1143	12,404	11 - 12	<b>0.025</b>	459.42	0.03	11.49
<b>Totals:</b>	--	1,041,320	--	--	38,567.40	--	2,368,336.62
<b>Volume-Weighted Average:</b>							<b>61.41</b>

**TABLE C-8**  
**EXISTING CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**12- TO 14-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
60-1	1140	3,361	12 - 14	21	248.97	21.00	5,228.39
60-5	1139	8,791	12 - 14	6.8	651.17	6.80	4,427.95
95-05	1119	9,323	12 - 14	66	690.60	66.00	45,579.65
95-07	1120	4,122	12 - 14	0.39	305.35	0.39	119.09
95-08	1102	9,608	12 - 14	0.038	711.68	0.04	27.04
95-09	1145	7,653	12 - 13	0.069	566.90	0.05	30.19
			13 - 14	0.0375			
95-19	1123	6,847	12 - 14	0.15	507.19	0.15	76.08
CRA-1	931	6,026	12 - 14	0.0215	446.35	0.02	9.60
CRA-2	932	3,635	12 - 14	0.022	269.29	0.02	5.92
CRA-3	937,1264	4,781	12 - 14	0.016125	354.16	0.02	5.71
CRA-4	936	5,803	12 - 14	0.0215	429.84	0.02	9.24
CRA-5	935	6,554	12 - 14	0.022	485.47	0.02	10.68
CRA-6	934	9,479	12 - 14	0.022	702.14	0.02	15.45
CRA-7	933	6,469	12 - 14	0.022	479.15	0.02	10.54
CRA-8	938,1250	8,767	12 - 14	0.094	649.38	0.09	61.04
CRA-9	939	10,080	12 - 14	0.021	746.68	0.02	15.68
CRA-10	940	10,461	12 - 14	0.022	774.91	0.02	17.05
CRA-11	941	10,012	12 - 14	0.0215	741.65	0.02	15.95
CRA-12	942	9,513	12 - 14	0.0225	704.65	0.02	15.85
CRA-13	943	7,401	12 - 14	0.027	548.22	0.03	14.80
CRA-14	949,1256	8,577	12 - 14	0.0205	635.36	0.02	13.02
CRA-15	948,1252	9,465	12 - 14	0.13	701.08	0.13	91.14
CRA-16	947,1257	8,365	12 - 14	0.145	619.66	0.15	89.85
CRA-17	946,1255	9,802	12 - 14	0.021	726.11	0.02	15.25
CRA-18	945,1254	9,652	12 - 14	0.0225	714.98	0.02	16.09
CRA-19	944,1146	4,789	12 - 14	0.024	354.71	0.02	8.51
CRA-20	950	2,696	12 - 14	0.021	199.68	0.02	4.19
CRA-21	951	3,437	12 - 14	0.02025	254.57	0.02	5.16
CRA-22	952	2,166	12 - 14	0.022	160.41	0.02	3.53
E2SC-05	1087,1253	5,426	12 - 14	0.13	401.93	0.13	52.25
E2SC-06	1111	5,710	12 - 14	0.105	422.97	0.11	44.41
E2SC-07	1133	3,038	12 - 14	1.4	225.05	1.40	315.07
E2SC-13	1208	549	12 - 14	0.05	40.63	0.05	2.03
E2SC-14	1086,1258	5,296	12 - 14	0.018	392.30	0.02	7.06
E2SC-25	1125	7,297	12 - 14	2.4	540.51	2.40	1,297.22
ES2-5	1117	6,081	12 - 14	0.025	450.45	0.03	11.26
RAA4-2	953	7,816	12 - 14	0.1875	578.94	0.19	108.55
RAA4-4	954	8,269	12 - 14	0.05725	612.50	0.06	35.07
RAA4-16	955	9,023	12 - 14	15.5	668.38	15.50	10,359.91
RAA4-17	956	5,659	12 - 14	0.55	419.21	0.55	230.57
RAA4-18	957,1259	5,342	12 - 14	0.26	395.72	0.26	102.89
RAA4-19	958	4,901	12 - 14	0.022	363.02	0.02	7.99
RAA4-20	959	6,747	12 - 14	0.0195	499.77	0.02	9.75
RAA4-21	960,960A	5,702	12 - 14	0.0275	422.33	0.03	11.61
RAA4-22	961,961A	3,164	12 - 14	0.024	234.36	0.02	5.62
RAA4-A33	1074	4,723	12 - 14	0.29	349.87	0.29	101.46
RAA4-A34	976	4,805	12 - 14	0.0195	355.95	0.02	6.94
RAA4-A37	1076,1249	4,194	12 - 14	0.53	310.64	0.53	164.64
RAA4-B29	1006	5,988	12 - 14	0.035	443.57	0.04	15.52
RAA4-B31	992	8,495	12 - 14	3.5	629.25	3.50	2,202.38
RAA4-B33E	1143	8,259	12 - 14	0.0175	611.76	0.02	10.71
RAA4-B34	977	7,835	12 - 14	0.4325	580.35	0.43	251.00
RAA4-B35	975	5,567	12 - 14	1.32	412.33	1.32	544.28
RAA4-C23	1058	4,870	12 - 14	2.13	360.71	2.13	768.31
RAA4-C25	1053	7,196	12 - 14	0.16	533.05	0.16	85.29
RAA4-C27	1007	9,504	12 - 14	1.49	703.99	1.49	1,048.95
RAA4-C29	1005	8,513	12 - 14	0.0785	630.57	0.08	49.50

**TABLE C-8  
EXISTING CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**12- TO 14-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-C31	993	11,859	12 - 14	3.92	878.47	3.92	3,443.61
RAA4-C33	991	6,305	12 - 14	7.635	467.05	7.64	3,565.91
RAA4-C34	978,1241	3,612	12 - 14	1.245	267.53	1.25	333.08
RAA4-C35	974	4,766	12 - 14	5.77	353.02	5.77	2,036.94
RAA4-C36	1085	7,128	12 - 14	13	527.97	13.00	6,863.62
RAA4-D19	1054	6,860	12 - 14	<b>0.0185</b>	508.13	0.02	9.40
RAA4-D21	1052	9,555	12 - 14	<b>0.019</b>	707.79	0.02	13.45
RAA4-D23	1012	9,462	12 - 14	0.72	700.85	0.72	504.61
RAA4-D25	1059A	10,799	12 - 14	<b>0.019</b>	799.92	0.02	15.20
RAA4-D27	1071A	8,747	12 - 14	3	647.94	3.00	1,943.82
RAA4-D29	1004	9,205	12 - 14	36	681.88	36.00	24,547.63
RAA4-D31	994	8,062	12 - 14	66.15	597.19	66.15	39,504.39
RAA4-D33	990	6,840	12 - 14	0.129	506.67	0.13	65.36
RAA4-D34	979	5,844	12 - 14	1.36	432.89	1.36	588.73
RAA4-D35	1084	7,089	12 - 14	24.3	525.12	24.30	12,760.51
RAA4-D36	967	10,715	12 - 14	202.5	793.72	202.50	160,728.45
RAA4-E15	1016	9,281	12 - 14	<b>0.018</b>	687.48	0.02	12.37
RAA4-E17	1015,1154	10,411	12 - 14	<b>0.021</b>	771.21	0.02	16.20
RAA4-E19	1055	10,592	12 - 14	0.117	784.56	0.12	91.79
RAA4-E21	1056	9,608	12 - 14	<b>0.02075</b>	711.70	0.02	14.77
RAA4-E23	1057	10,559	12 - 14	3.33	782.16	3.33	2,604.61
RAA4-E27	1072A	10,047	12 - 14	680	744.21	680.00	506,063.05
RAA4-E29	1003	11,625	12 - 14	152.5	861.13	152.50	131,322.61
RAA4-E33	989	8,407	12 - 14	15.6	622.76	15.60	9,715.06
RAA4-E35	973	10,997	12 - 14	8.675	814.62	8.68	7,066.83
RAA4-E38	1213	1,441	12 - 14	0.575	106.74	0.58	61.38
RAA4-E39	1212	125	12 - 14	3.3	9.29	3.30	30.66
RAA4-F21	1013	12,719	12 - 14	0.96	942.18	0.96	904.49
RAA4-F23	1083	11,742	12 - 14	1.7	869.80	1.70	1,478.66
RAA4-F25	1077	7,507	12 - 14	71	556.04	71.00	39,479.00
RAA4-F27	1073	10,805	12 - 14	93.1	800.35	93.10	74,512.48
RAA4-F29	1002	13,935	12 - 14	17.05	1,032.22	17.05	17,599.31
RAA4-F31	995	10,894	12 - 14	36	806.94	36.00	29,050.00
RAA4-F33	988	9,935	12 - 14	<b>0.018</b>	735.94	0.02	13.25
RAA4-F34	980	11,717	12 - 14	0.016	867.95	0.02	13.89
RAA4-F35	972	8,424	12 - 14	<b>0.019</b>	623.98	0.02	11.86
RAA4-F36	1220	4,027	12 - 14	<b>0.01925</b>	298.33	0.02	5.74
RAA4-G17	1082	10,936	12 - 14	0.054	810.07	0.05	43.74
RAA4-G27	1051	12,753	12 - 14	463	944.70	463.00	437,394.73
RAA4-G31	996	11,935	12 - 14	<b>0.0195</b>	884.07	0.02	17.24
RAA4-G33	987	9,946	12 - 14	<b>0.0195</b>	736.76	0.02	14.37
RAA4-G34	981	5,738	12 - 14	<b>0.018</b>	425.06	0.02	7.65
RAA4-G35	1222	369	12 - 14	<b>0.018</b>	27.30	0.02	0.49
RAA4-H17	1017	10,870	12 - 14	0.064	805.22	0.06	51.53
RAA4-H21	1014	9,426	12 - 14	32	698.25	32.00	22,343.96
RAA4-H24	1050	15,916	12 - 14	77	1,178.94	77.00	90,778.15
RAA4-H27	1008	12,835	12 - 14	11.2	950.70	11.20	10,647.89
RAA4-H29	1001	15,173	12 - 14	60.5	1,123.94	60.50	67,998.19
RAA4-H31	997	7,562	12 - 14	2.16	560.11	2.16	1,209.84
RAA4-H33	1225	2,436	12 - 14	0.21	180.41	0.21	37.89
RAA4-I19	1049	12,209	12 - 14	20	904.37	20.00	18,087.35
RAA4-I23	1011	12,214	12 - 14	35.425	904.75	35.43	32,050.70
RAA4-I25	1010	9,304	12 - 14	160	689.16	160.00	110,265.01
RAA4-I27	1009	9,601	12 - 14	24	711.17	24.00	17,068.18
RAA4-I31	998A	289	12 - 14	0.015	21.44	0.02	0.32
RAA4-K19	1048	12,150	12 - 14	0.059	899.99	0.06	53.10
RAA4-K21	1080	10,551	12 - 14	9.7	781.57	9.70	7,581.20
RAA4-K23	1081	10,698	12 - 14	290	792.46	290.00	229,814.69

**TABLE C-8  
EXISTING CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**12- TO 14-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-K25	1078	5,860	12 - 14	1.35	434.09	1.35	586.02
RAA4-K27	1036	2,037	12 - 14	174	150.85	174.00	26,248.61
RAA4-M17	1192	762	12 - 14	<b>0.0205</b>	56.46	0.02	1.16
RAA4-M19	1191	507	12 - 14	0.31	37.56	0.31	11.64
RAA4-M21	1190	2,165	12 - 14	0.018	160.34	0.02	2.89
RAA4-M23	1189	1,105	12 - 14	0.038	81.88	0.04	3.11
TW-SB-1	1124	6,888	12 - 14	<b>0.415</b>	510.19	0.42	211.73
X-5	1095A	10,280	12 - 14	8.8	761.45	8.80	6,700.75
X-7	1094	8,713	12 - 14	8.2	645.39	8.20	5,292.16
X-8	1093	9,237	12 - 14	39	684.25	39.00	26,685.68
X-9	1091	5,788	12 - 14	0.06	428.71	0.06	25.72
X-14	1092	4,569	12 - 14	1.7	338.47	1.70	575.41
X-15	1090	5,278	12 - 14	<b>0.025</b>	390.93	0.03	9.77
X-16	1088,1251	5,028	12 - 14	0.19	372.47	0.19	70.77
X-20	1126	8,567	12 - 14	0.1	634.56	0.10	63.46
Y-12	1097	10,624	12 - 14	1.1	786.96	1.10	865.65
Y-14	1098	10,568	12 - 14	39.935	782.81	39.94	31,261.59
Y-19	1128	12,248	12 - 14	0.61	907.24	0.61	553.42
Y-20	1099	12,314	12 - 14	52.8	912.14	52.80	48,161.23
Y-21	1260	4,219	12 - 14	0.325	312.54	0.33	101.58
Y-23	1101	12,404	12 - 14	<b>0.025</b>	918.84	0.03	22.97
<b>Totals:</b>	--	1,041,320	--	--	77,134.81	--	2,343,707.12
						<b>Volume-Weighted Average:</b>	<b>30.38</b>

**14- TO 15-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
60-1	1109	3,361	14 - 15	21	124.49	21.00	2,614.20
60-5	1108	8,791	14 - 15	6.8	325.58	6.80	2,213.97
95-07	1091	4,122	14 - 15	<b>2.3</b>	152.68	2.30	351.16
95-08	1076	9,608	14 - 15	<b>0.0455</b>	355.84	0.05	16.19
95-09	1113	7,653	14 - 15	<b>0.0375</b>	283.45	0.04	10.63
95-19	1094	6,847	14 - 15	0.072	253.60	0.07	18.26
CRA-1	909	6,026	14 - 15	<b>0.0215</b>	223.18	0.02	4.80
CRA-2	910	3,635	14 - 15	<b>0.022</b>	134.65	0.02	2.96
CRA-3	915,1226	4,781	14 - 15	<b>0.016125</b>	177.08	0.02	2.86
CRA-4	914	5,803	14 - 15	<b>0.0215</b>	214.92	0.02	4.62
CRA-5	913	6,554	14 - 15	<b>0.022</b>	242.74	0.02	5.34
CRA-6	912	9,479	14 - 15	<b>0.022</b>	351.07	0.02	7.72
CRA-7	911	6,469	14 - 15	<b>0.022</b>	239.58	0.02	5.27
CRA-8	916,1225	8,767	14 - 15	0.094	324.69	0.09	30.52
CRA-9	917	10,080	14 - 15	<b>0.021</b>	373.34	0.02	7.84
CRA-10	918	10,461	14 - 15	<b>0.022</b>	387.46	0.02	8.52
CRA-11	919	10,012	14 - 15	<b>0.0215</b>	370.82	0.02	7.97
CRA-12	920	9,513	14 - 15	<b>0.0225</b>	352.32	0.02	7.93
CRA-13	921	7,401	14 - 15	<b>0.027</b>	274.11	0.03	7.40
CRA-14	927,1223	8,530	14 - 15	<b>0.0205</b>	315.92	0.02	6.48
CRA-15	926,1220	9,465	14 - 15	0.13	350.54	0.13	45.57
CRA-16	925,1218	8,365	14 - 15	0.145	309.83	0.15	44.93
CRA-17	924,1217	9,802	14 - 15	<b>0.021</b>	363.05	0.02	7.62
CRA-18	923,1216	9,652	14 - 15	<b>0.0225</b>	357.49	0.02	8.04
CRA-19	922,1114	4,789	14 - 15	<b>0.024</b>	177.36	0.02	4.26
CRA-20	928	2,696	14 - 15	<b>0.021</b>	99.84	0.02	2.10
CRA-21	929	3,437	14 - 15	<b>0.02025</b>	127.28	0.02	2.58
CRA-22	930	2,166	14 - 15	<b>0.022</b>	80.21	0.02	1.76
E2SC-05	1065,1222	5,426	14 - 15	0.13	200.97	0.13	26.13

**TABLE C-8  
EXISTING CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**14- TO 15-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
E2SC-06	1084	4,931	14 - 15	0.105	182.64	0.11	19.18
E2SC-07	1102	3,038	14 - 15	1.4	112.52	1.40	157.53
E2SC-13	1175	549	14 - 15	0.05	20.32	0.05	1.02
E2SC-14	1064,1219	5,296	14 - 15	0.018	196.15	0.02	3.53
E2SC-25	1095	14,091	14 - 15	2.4	521.89	2.40	1,252.53
ES2-5	1089	6,081	14 - 15	1.97	225.22	1.97	443.69
RAA4-2	931	8,189	14 - 15	0.1875	303.28	0.19	56.87
RAA4-4	932	8,221	14 - 15	0.05725	304.49	0.06	17.43
RAA4-16	933	7,482	14 - 15	15.5	277.12	15.50	4,295.39
RAA4-17	934	4,115	14 - 15	0.55	152.39	0.55	83.82
RAA4-18	935,1221	5,342	14 - 15	0.26	197.86	0.26	51.44
RAA4-19	936	4,901	14 - 15	0.022	181.51	0.02	3.99
RAA4-20	937	6,747	14 - 15	0.0195	249.89	0.02	4.87
RAA4-21	938,938A	5,702	14 - 15	0.0275	211.17	0.03	5.81
RAA4-22	939,939A	3,164	14 - 15	0.024	117.18	0.02	2.81
RAA4-A33	1052	4,723	14 - 15	0.29	174.94	0.29	50.73
RAA4-A34	954	5,620	14 - 15	0.0195	208.15	0.02	4.06
RAA4-A37	1054,1227	6,459	14 - 15	0.53	239.23	0.53	126.79
RAA4-B29	984	5,988	14 - 15	0.035	221.78	0.04	7.76
RAA4-B31	970	8,495	14 - 15	3.5	314.63	3.50	1,101.19
RAA4-B33E	1111	8,259	14 - 15	0.0175	305.88	0.02	5.35
RAA4-B34	955	7,835	14 - 15	0.4325	290.18	0.43	125.50
RAA4-B35	953	10,773	14 - 15	1.32	399.01	1.32	526.70
RAA4-C23	1036	4,870	14 - 15	2.13	180.35	2.13	384.16
RAA4-C25	1031	7,196	14 - 15	0.16	266.53	0.16	42.64
RAA4-C27	985	9,504	14 - 15	1.49	352.00	1.49	524.47
RAA4-C29	983	8,513	14 - 15	0.0785	315.28	0.08	24.75
RAA4-C31	971	11,859	14 - 15	3.92	439.24	3.92	1,721.80
RAA4-C33	969	6,305	14 - 15	7.635	233.52	7.64	1,782.96
RAA4-C34	956,1213	3,612	14 - 15	1.245	133.77	1.25	166.54
RAA4-C35	952	4,766	14 - 15	5.77	176.51	5.77	1,018.47
RAA4-C36	1063	7,128	14 - 15	13	263.99	13.00	3,431.81
RAA4-D19	1032	6,860	14 - 15	0.0185	254.06	0.02	4.70
RAA4-D21	1030	9,555	14 - 15	0.019	353.90	0.02	6.72
RAA4-D23	990	9,465	14 - 15	0.72	350.55	0.72	252.39
RAA4-D25	1037	13,684	14 - 15	0.019	506.83	0.02	9.63
RAA4-D27	1049	8,747	14 - 15	3	323.98	3.00	971.93
RAA4-D29	982	9,205	14 - 15	36	340.94	36.00	12,273.81
RAA4-D31	972	8,062	14 - 15	66.15	298.60	66.15	19,752.19
RAA4-D33	968	7,118	14 - 15	0.129	263.62	0.13	34.01
RAA4-D34	957	10,454	14 - 15	1.36	387.17	1.36	526.55
RAA4-D35	1062	9,888	14 - 15	24.3	366.23	24.30	8,899.35
RAA4-D36	945	11,002	14 - 15	202.5	407.50	202.50	82,518.30
RAA4-E15	994	9,281	14 - 15	0.018	343.74	0.02	6.19
RAA4-E17	993,1122	10,921	14 - 15	0.021	404.49	0.02	8.49
RAA4-E19	1033	13,398	14 - 15	0.117	496.21	0.12	58.06
RAA4-E21	1034	9,608	14 - 15	0.02075	355.85	0.02	7.38
RAA4-E23	1035	12,750	14 - 15	3.33	472.21	3.33	1,572.46
RAA4-E27	1050	12,905	14 - 15	680	477.97	680.00	325,018.34
RAA4-E29	981	11,625	14 - 15	152.5	430.57	152.50	65,661.30
RAA4-E33	967	10,715	14 - 15	15.6	396.84	15.60	6,190.71
RAA4-E35	951	14,969	14 - 15	8.675	554.41	8.68	4,809.55
RAA4-E38	1180	1,441	14 - 15	0.575	53.37	0.58	30.69
RAA4-E39	1179	125	14 - 15	3.3	4.65	3.30	15.33
RAA4-F21	991	20,837	14 - 15	0.96	771.73	0.96	740.86
RAA4-F23	1061	14,856	14 - 15	1.7	550.23	1.70	935.39
RAA4-F25	1055	14,371	14 - 15	71	532.24	71.00	37,789.17
RAA4-F27	1051	10,997	14 - 15	93.1	407.30	93.10	37,920.08



**TABLE C-8  
EXISTING CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**14- TO 15-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-F29	980	13,935	14 - 15	17.05	516.11	17.05	8,799.66
RAA4-F31	973	10,894	14 - 15	36	403.47	36.00	14,525.00
RAA4-F33	966	9,935	14 - 15	<b>0.018</b>	367.97	0.02	6.62
RAA4-F34	958	12,489	14 - 15	0.016	462.57	0.02	7.40
RAA4-F35	950	8,424	14 - 15	<b>0.019</b>	311.99	0.02	5.93
RAA4-F36	1187	4,027	14 - 15	<b>0.01925</b>	149.17	0.02	2.87
RAA4-G17	1060	16,891	14 - 15	0.054	625.59	0.05	33.78
RAA4-G27	1029	15,616	14 - 15	463	578.37	463.00	267,784.45
RAA4-G31	974	11,935	14 - 15	<b>0.0195</b>	442.03	0.02	8.62
RAA4-G33	965	9,946	14 - 15	<b>0.0195</b>	368.38	0.02	7.18
RAA4-G34	959	5,738	14 - 15	<b>0.018</b>	212.53	0.02	3.83
RAA4-G35	1189	369	14 - 15	<b>0.018</b>	13.65	0.02	0.25
RAA4-H17	995	12,076	14 - 15	0.064	447.25	0.06	28.62
RAA4-H21	992	26,634	14 - 15	32	986.45	32.00	31,566.34
RAA4-H24	1028	18,014	14 - 15	77	667.18	77.00	51,372.60
RAA4-H27	986	12,835	14 - 15	11.2	475.36	11.20	5,323.99
RAA4-H29	979	15,173	14 - 15	60.5	561.97	60.50	33,999.10
RAA4-H31	975	7,562	14 - 15	2.16	280.06	2.16	604.92
RAA4-H33	1192	2,436	14 - 15	0.21	90.21	0.21	18.94
RAA4-I19	1027	17,357	14 - 15	20	642.87	20.00	12,857.40
RAA4-I23	989	13,230	14 - 15	35.425	489.99	35.43	17,358.07
RAA4-I25	988	9,304	14 - 15	160	344.58	160.00	55,132.50
RAA4-I27	987	9,601	14 - 15	24	355.59	24.00	8,534.09
RAA4-I31	976A	289	14 - 15	0.015	10.72	0.02	0.16
RAA4-K19	1026	12,200	14 - 15	0.059	451.84	0.06	26.66
RAA4-K21	1058	12,604	14 - 15	9.7	466.82	9.70	4,528.11
RAA4-K23	1059	10,698	14 - 15	290	396.23	290.00	114,907.34
RAA4-K25	1056	5,860	14 - 15	1.35	217.05	1.35	293.01
RAA4-K27	1014	2,037	14 - 15	174	75.43	174.00	13,124.30
RAA4-M17	1159	762	14 - 15	<b>0.0205</b>	28.23	0.02	0.58
RAA4-M19	1158	507	14 - 15	0.31	18.78	0.31	5.82
RAA4-M21	1157	2,165	14 - 15	0.018	80.17	0.02	1.44
RAA4-M23	1156	1,105	14 - 15	0.038	40.94	0.04	1.56
X-7	1071	8,713	14 - 15	27	322.69	27.00	8,712.70
X-14	1070	4,569	14 - 15	35	169.24	35.00	5,923.31
X-15	1069	5,278	14 - 15	1	195.47	1.00	195.47
X-16	1066,1224	5,028	14 - 15	0.14	186.23	0.14	26.07
X-18	1067	3,959	14 - 15	0.1725	146.65	0.17	25.30
Y-12	1074	10,624	14 - 15	10.5	393.48	10.50	4,131.52
Y-21	1197	4,219	14 - 15	<b>0.025</b>	156.27	0.03	3.91
<b>Totals:</b>	--	1,041,320	--	--	38,567.41	--	1,288,826.24
						<b>Volume-Weighted Average:</b>	<b>33.42</b>

**SUMMARY: 0- TO 15-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
<b>Totals:</b>	--	1,029,510	0 - 15	--	571,949.82	--	40,967,621.67
						<b>Volume-Weighted Average:</b>	<b>71.63</b>

**Notes:**

1. Polygon ID and area based on information shown on Figures C-8 through C-12.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE C-9  
POST-REMEDIATION CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 1-FOOT DEPTH INCREMENT (UNPAVED)**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**0- TO 0.5-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
206S	1780	2,877	0 - 0.5	0.021	53.28	0.02	1.12
209S	1781	1,041	0 - 0.5	0.021	19.28	0.02	0.40
209S	1781A	2,664	0 - 0.5	3.8	49.33	3.80	187.44
60-1	2029,2136*	5,003	0 - 0.5	34	92.65	34.00	3,150.08
95-02	1989,2114	157	0 - 0.5	0.021	2.91	0.02	0.06
95-02	1989A,1989B,2114B	200	0 - 0.5	3.5	3.70	3.50	12.93
95-07	1988,2189*	4,731	0 - 0.5	0.021	87.62	0.02	1.84
95-08	1968	4,831	0 - 0.5	0.65	89.46	0.65	58.15
95-26	1967	5,927	0 - 0.5	0.021	109.75	0.02	2.30
CRA-3	1889B	7	0 - 0.5	0.23	0.12	0.23	0.03
CRA-8	2528	115	0 - 0.5	1.1	2.12	1.10	2.33
CRA-14	2516	1,955	0 - 0.5	1.81	36.21	1.81	65.54
CRA-16	2518	286	0 - 0.5	0.89	5.29	0.89	4.71
CRA-17	2519	1,056	0 - 0.5	42	19.56	42.00	821.67
CRA-18	2520	1,591	0 - 0.5	0.32	29.46	0.32	9.43
CRA-19	1757	193	0 - 0.5	0.38	3.58	0.38	1.36
E2SC-05	1933	3,263	0 - 0.5	1.6	60.42	1.60	96.67
E2SC-06	1980,2152*,2541	4,931	0 - 0.5	0.59	91.32	0.59	53.88
E2SC-07	2012	3,035	0 - 0.5	0.79	56.21	0.79	44.41
E2SC-13	2324	548	0 - 0.5	0.21	10.15	0.21	2.13
E2SC-14	1932	2,620	0 - 0.5	0.6	48.52	0.60	29.11
E2SC-25	1993,2525*	8,070	0 - 0.5	3.1	149.45	3.10	463.30
RAA4-2	1770A	6,593	0 - 0.5	1.4	122.09	1.40	170.92
RAA4-3	1759A	3,363	0 - 0.5	0.68	62.28	0.68	42.35
RAA4-4	1771,2533*	8,218	0 - 0.5	0.021	152.19	0.02	3.20
RAA4-5	1760	2,508	0 - 0.5	9.4	46.45	9.40	436.65
RAA4-6	1761	3,914	0 - 0.5	14	72.47	14.00	1,014.62
RAA4-7	2517,2644	978	0 - 0.5	1.28	18.11	1.28	23.18
RAA4-8	1762	1,237	0 - 0.5	4.45	22.91	4.45	101.93
RAA4-9	1763	2,015	0 - 0.5	1.64	37.32	1.64	61.21
RAA4-10	1764	3,831	0 - 0.5	3.9	70.95	3.90	276.72
RAA4-11	1765	2,490	0 - 0.5	5	46.11	5.00	230.54
RAA4-12	1766	3,674	0 - 0.5	7.9	68.04	7.90	537.54
RAA4-13	1767	2,491	0 - 0.5	0.79	46.14	0.79	36.45
RAA4-14	1768	2,210	0 - 0.5	1.7	40.93	1.70	69.58
RAA4-16	1772,2146*,2149,2532	6,955	0 - 0.5	0.6	128.79	0.60	77.27
RAA4-17	1773	3,587	0 - 0.5	10.1	66.42	10.10	670.88
RAA4-18	1774	3,467	0 - 0.5	1.96	64.20	1.96	125.82
RAA4-19	1775	4,204	0 - 0.5	2.2	77.85	2.20	171.28
RAA4-20	1776	3,612	0 - 0.5	1.93	66.88	1.93	129.08
RAA4-21	1777	2,662	0 - 0.5	0.0195	49.29	0.02	0.96
RAA4-23	1756	314	0 - 0.5	38	5.82	38.00	221.27
RAA4-A33	1887	4,309	0 - 0.5	1.07	79.80	1.07	85.38
RAA4-A34	1797	3,840	0 - 0.5	0.4	71.11	0.40	28.44
RAA4-A35	1796	4,345	0 - 0.5	0.67	80.45	0.67	53.90
RAA4-A37	1889A	3,885	0 - 0.5	0.3	71.94	0.30	21.58
RAA4-B29	1825,2191*,2193*	5,988	0 - 0.5	1.4	110.89	1.40	155.25
RAA4-B31	1814,2192*,2197,2259	7,796	0 - 0.5	12.4	144.36	12.40	1,790.08
RAA4-B33	1813,2435,2522*,2524*	8,818	0 - 0.5	0.67	163.29	0.67	109.41
RAA4-B34	1798,2523*	8,842	0 - 0.5	1.1	163.73	1.10	180.11
RAA4-B35	1795,2526*	5,427	0 - 0.5	1.2	100.50	1.20	120.61
RAA4-C23	1872,2402*,2441,2442*	4,870	0 - 0.5	0.35	90.18	0.35	31.56
RAA4-C25	1868,2645*	7,196	0 - 0.5	0.12	133.26	0.12	15.99
RAA4-C27	1826,2165*,2646	9,504	0 - 0.5	18.675	176.00	18.68	3,286.75
RAA4-C29	1824,2190*,2194*	7,299	0 - 0.5	0.283	135.17	0.28	38.25
RAA4-C30S	2082,2195*	4,591	0 - 0.5	2.5	85.01	2.50	212.53

**TABLE C-9  
POST-REMEDATION CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 1-FOOT DEPTH INCREMENT (UNPAVED)**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**0- TO 0.5-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-C31	1815,2196*,2198*,2262	9,059	0 - 0.5	21.3	167.76	21.30	3,573.23
RAA4-C33	1812,2260,2432*,2434*,2529*	3,201	0 - 0.5	31	59.28	31.00	1,837.66
RAA4-C33S	2066*,2138,2430,2531	4,592	0 - 0.5	1.97	85.04	1.97	167.53
RAA4-C34	2426*,2427,2438,2530*,2535*,2535A	3,667	0 - 0.5	0.56	67.91	0.56	38.03
RAA4-C35	1794,2141*,2142,2527*,2536	6,207	0 - 0.5	1.9	114.95	1.90	218.41
RAA4-D19	1869	5,332	0 - 0.5	0.51	98.75	0.51	50.36
RAA4-D21	1867,2400*,2401*	9,556	0 - 0.5	0.083	176.96	0.08	14.69
RAA4-D23	1830,2397*,2403*	11,076	0 - 0.5	0.06	205.12	0.06	12.31
RAA4-D25	1873	9,321	0 - 0.5	0.146	172.62	0.15	25.20
RAA4-D26S	2080,2540*,2553*	5,547	0 - 0.5	0.019	102.73	0.02	1.95
RAA4-D27	1884,2188*,2538	7,520	0 - 0.5	1.32	139.26	1.32	183.83
RAA4-D33	1811,2137	6,077	0 - 0.5	2.72	112.54	2.72	306.10
RAA4-D34	1800,2140*	6,571	0 - 0.5	13.9	121.69	13.90	1,691.52
RAA4-D36	1787,2145*,2147*,2203*,2539	10,584	0 - 0.5	2.4	195.99	2.40	470.39
RAA4-E19	1870	4,673	0 - 0.5	2.3	86.54	2.30	199.04
RAA4-E21	1871,2399*	7,759	0 - 0.5	0.028	143.69	0.03	4.02
RAA4-E22	2059,2398*,2564*	10,276	0 - 0.5	1.17	190.30	1.17	222.65
RAA4-E27	1885,2183*,2187,2551	7,253	0 - 0.5	69.5	134.32	69.50	9,335.19
RAA4-E30S	2081,2199,2201	5,983	0 - 0.5	0.021	110.79	0.02	2.33
RAA4-E33	1810	8,407	0 - 0.5	49	155.69	49.00	7,628.81
RAA4-E35	1793	9,005	0 - 0.5	69	166.75	69.00	11,505.75
RAA4-E38	2153*,2154,2330	1,441	0 - 0.5	0.36	26.69	0.36	9.61
RAA4-E39	2328	125	0 - 0.5	0.16	2.32	0.16	0.37
RAA4-F23S	2060	5,043	0 - 0.5	0.021	93.39	0.02	1.96
RAA4-F25	1890,2180*,2554	9,050	0 - 0.5	1.5	167.60	1.50	251.40
RAA4-F28	2130	312	0 - 0.5	0.021	5.78	0.02	0.12
RAA4-F29	1823,2166	3,902	0 - 0.5	0.021	72.26	0.02	1.52
RAA4-F31	1816	8,815	0 - 0.5	0.7	163.25	0.70	114.27
RAA4-F33	1809	9,935	0 - 0.5	4.1	183.99	4.10	754.34
RAA4-F34	1801	11,717	0 - 0.5	1.38	216.99	1.38	299.44
RAA4-F35	1792	7,840	0 - 0.5	1.3	145.18	1.30	188.74
RAA4-G20	2061A*,2061B*,2174,2395	4,738	0 - 0.5	29	87.74	29.00	2,544.36
RAA4-G28	2063	4,472	0 - 0.5	0.021	82.81	0.02	1.74
RAA4-G31	1817	9,946	0 - 0.5	1.8	184.19	1.80	331.55
RAA4-G33	1808	9,946	0 - 0.5	1.63	184.19	1.63	300.23
RAA4-G34	1802	5,738	0 - 0.5	3.4	106.26	3.40	361.30
RAA4-G35	2343	369	0 - 0.5	0.26	6.83	0.26	1.77
RAA4-H21	1831	3,642	0 - 0.5	7.4	67.44	7.40	499.06
RAA4-H24	2122	24	0 - 0.5	0.021	0.44	0.02	0.01
RAA4-H27S	2064	3,303	0 - 0.5	0.021	61.16	0.02	1.28
RAA4-H28S	2084	5,100	0 - 0.5	0.021	94.45	0.02	1.98
RAA4-H29	1822	6,480	0 - 0.5	0.021	120.01	0.02	2.52
RAA4-H31	1818	6,744	0 - 0.5	0.87	124.90	0.87	108.66
RAA4-H33	2346	2,436	0 - 0.5	4.6	45.10	4.60	207.47
RAA4-HH30	2110,2111,2216A	2,166	0 - 0.5	32.7	40.11	32.70	1,311.68
RAA4-I21	1930	4,347	0 - 0.5	22.4	80.50	22.40	1,803.19
RAA4-I23	1829,2391,2586	3,716	0 - 0.5	0.021	68.81	0.02	1.45
RAA4-I25	1828	7,665	0 - 0.5	12.2	141.95	12.20	1,731.80
RAA4-I27	1827	3,573	0 - 0.5	26	66.17	26.00	1,720.42
RAA4-I28	2115A,2115B	666	0 - 0.5	5.1	12.32	5.10	62.86
RAA4-J27	2117	518	0 - 0.5	0.021	9.59	0.02	0.20
RAA4-K23	1893	3,785	0 - 0.5	0.021	70.10	0.02	1.47
RAA4-K25	1891B,2118	2,224	0 - 0.5	9.8	41.18	9.80	403.56
RAA4-L23	2588A	883	0 - 0.5	0.021	16.35	0.02	0.34
RAA4-L24	2287	957	0 - 0.5	13.2	17.72	13.20	233.86

**TABLE C-9  
POST-REMEDATION CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 1-FOOT DEPTH INCREMENT (UNPAVED)**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**0- TO 0.5-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-L25	2286	131	0 - 0.5	0.021	2.42	0.02	0.05
RCP-C1	1972	5,548	0 - 0.5	1.8	102.74	1.80	184.93
RCP-C2	2332	54	0 - 0.5	44	1.01	44.00	44.30
RCP-C4	2341	2,332	0 - 0.5	10	43.19	10.00	431.90
TW-SB-1	1992	5,596	0 - 0.5	7.2	103.62	7.20	746.08
X-4	1948,2179*,2562	7,451	0 - 0.5	0.43	137.99	0.43	59.33
X-5	1947,2181*,2182	10,112	0 - 0.5	7.5	187.27	7.50	1,404.51
X-6	1946,2184*,2185	6,435	0 - 0.5	2.2	119.16	2.20	262.15
X-7	1942,2133*	6,879	0 - 0.5	7.3	127.39	7.30	929.98
X-8	1941	9,237	0 - 0.5	26	171.06	26.00	4,447.61
X-9	1939	9,601	0 - 0.5	6.2	177.79	6.20	1,102.29
X-10	1938	1,277	0 - 0.5	50	23.65	50.00	1,182.47
X-12	1945	7,487	0 - 0.5	0.021	138.65	0.02	2.91
X-13	1944,2134*,2135	6,544	0 - 0.5	7.65	121.18	7.65	927.05
X-14	1940*,2139,2428,2537	4,229	0 - 0.5	9.5	78.31	9.50	743.94
X-15	1937,2143*,2144,2534	9,488	0 - 0.5	17.4	175.70	17.40	3,057.24
X-16	1934	3,788	0 - 0.5	0.07	70.15	0.07	4.91
X-18	1935,2150*,2151	2,830	0 - 0.5	0.025	52.41	0.03	1.31
X-19	1994	2,233	0 - 0.5	0.41	41.36	0.41	16.96
X-20	1995	4,446	0 - 0.5	1.6	82.33	1.60	131.72
Y-9	2585	25	0 - 0.5	0.021	0.46	0.02	0.01
Y-10	1955,2120	3,153	0 - 0.5	115	58.38	115.00	6,713.76
Y-14	2393	335	0 - 0.5	67	6.20	67.00	415.31
Y-15	2390	2,064	0 - 0.5	0.021	38.23	0.02	0.80
Y-19	2005,2175*,2176	1,527	0 - 0.5	120	28.28	120.00	3,393.98
Y-20	2172	1,560	0 - 0.5	0.021	28.88	0.02	0.61
Y-24	1965,2177*,2178	8,157	0 - 0.5	0.58	151.05	0.58	87.61
Y-26	2509	108	0 - 0.5	0.36	2.00	0.36	0.72
<b>Totals:</b>	--	636,045	--	--	11,778.61	--	92,578.15
<b>Volume-Weighted Average:</b>							<b>7.86</b>

**0.5- TO 1-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
60-1	1871,1975*	5,003	0.5 - 1	34	92.65	34.00	3,150.08
95-07	1839,2027*	5,193	0.5 - 1	0.021	96.16	0.02	2.02
95-08	1819	4,831	0.5 - 1	0.65	89.46	0.65	58.15
95-26	1818	5,927	0.5 - 1	0.021	109.75	0.02	2.30
CRA-3	1741B	7	0.5 - 1	0.23	0.12	0.23	0.03
CRA-8	2416	115	0.5 - 1	1.1	2.12	1.10	2.33
CRA-14	2330	1,955	0.5 - 1	1.81	36.21	1.81	65.54
CRA-16	2349	286	0.5 - 1	0.89	5.29	0.89	4.71
CRA-17	2331	1,056	0.5 - 1	42	19.56	42.00	821.67
CRA-18	2332	1,591	0.5 - 1	0.32	29.46	0.32	9.43
CRA-19	1613	193	0.5 - 1	0.38	3.58	0.38	1.36
E2SC-05	1784	3,263	0.5 - 1	1.6	60.42	1.60	96.67
E2SC-06	1831,1991*,2357	4,931	0.5 - 1	0.59	91.32	0.59	53.88
E2SC-07	1862	3,035	0.5 - 1	0.79	56.21	0.79	44.41
E2SC-13	2152	548	0.5 - 1	0.21	10.15	0.21	2.13
E2SC-14	1783	2,620	0.5 - 1	0.6	48.52	0.60	29.11
E2SC-25	1843,2338*	8,070	0.5 - 1	3.1	149.45	3.10	463.30
RAA4-2	1626A	6,593	0.5 - 1	1.4	122.09	1.40	170.92
RAA4-3	1615A	3,363	0.5 - 1	0.68	62.28	0.68	42.35
RAA4-4	1627,2345*	8,218	0.5 - 1	0.021	152.19	0.02	3.20
RAA4-5	1616	2,508	0.5 - 1	9.4	46.45	9.40	436.65

**TABLE C-9**  
**POST-REMEDATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 1-FOOT DEPTH INCREMENT (UNPAVED)**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0.5- TO 1-FOOT DEPTH INCREMENT (continued)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-6	1617	3,914	0.5 - 1	14	72.47	14.00	1,014.62
RAA4-7	2351,2352	978	0.5 - 1	1.28	18.11	1.28	23.18
RAA4-8	1618	1,237	0.5 - 1	4.45	22.91	4.45	101.93
RAA4-9	1619	2,015	0.5 - 1	1.64	37.32	1.64	61.21
RAA4-10	1620	3,831	0.5 - 1	3.9	70.95	3.90	276.72
RAA4-11	1621	2,490	0.5 - 1	5	46.11	5.00	230.54
RAA4-12	1622	3,674	0.5 - 1	7.9	68.04	7.90	537.54
RAA4-13	1623	2,491	0.5 - 1	0.79	46.14	0.79	36.45
RAA4-14	1624	2,210	0.5 - 1	1.7	40.93	1.70	69.58
RAA4-16	1628,1985*,1988,2354	6,955	0.5 - 1	0.6	128.79	0.60	77.27
RAA4-17	1629	3,587	0.5 - 1	10.1	66.42	10.10	670.88
RAA4-18	1630	3,467	0.5 - 1	1.96	64.20	1.96	125.82
RAA4-19	1631	4,204	0.5 - 1	2.2	77.85	2.20	171.28
RAA4-20	1632	3,612	0.5 - 1	1.93	66.88	1.93	129.08
RAA4-21	1633	2,662	0.5 - 1	0.0195	49.29	0.02	0.96
RAA4-23	1612	314	0.5 - 1	38	5.82	38.00	221.27
RAA4-A33	1739	4,309	0.5 - 1	1.07	79.80	1.07	85.38
RAA4-A34	1649	3,840	0.5 - 1	0.4	71.11	0.40	28.44
RAA4-A35	1648	4,345	0.5 - 1	0.67	80.45	0.67	53.90
RAA4-A37	1741A	3,885	0.5 - 1	0.3	71.94	0.30	21.58
RAA4-B29	1677,2029*,2031*	5,988	0.5 - 1	1.4	110.89	1.40	155.25
RAA4-B31	1666,2030*,2035,2092	7,796	0.5 - 1	12.4	144.36	12.40	1,790.09
RAA4-B33	1665,2263,2336*,2339*	8,818	0.5 - 1	0.67	163.29	0.67	109.41
RAA4-B34	1650,2335*	8,842	0.5 - 1	1.1	163.73	1.10	180.11
RAA4-B35	1647,2337*	5,427	0.5 - 1	1.2	100.50	1.20	120.61
RAA4-C23	1724,2231*,2270,2271*	4,870	0.5 - 1	0.35	90.18	0.35	31.56
RAA4-C25	1720,2342*	7,196	0.5 - 1	0.12	133.26	0.12	15.99
RAA4-C27	1678,2004*,2341	9,504	0.5 - 1	18.675	176.00	18.68	3,286.75
RAA4-C29	1676,2028*,2032*	7,318	0.5 - 1	0.283	135.51	0.28	38.35
RAA4-C30S	1924,2033*	6,547	0.5 - 1	2.5	121.24	2.50	303.11
RAA4-C31	1667,2034*,2036*,2095	9,059	0.5 - 1	21.3	167.76	21.30	3,573.23
RAA4-C33	1664,2093,2261*,2262*,2340*	3,201	0.5 - 1	31	59.28	31.00	1,837.66
RAA4-C33S	1908*,1977,2258,2348	4,592	0.5 - 1	1.97	85.04	1.97	167.53
RAA4-C34	1651,2252*,2254*,2255,2266,2347*	3,667	0.5 - 1	0.56	67.91	0.56	38.03
RAA4-C35	1646,1980*,1981,2269*,2343	6,207	0.5 - 1	1.9	114.95	1.90	218.41
RAA4-D19	1721	5,332	0.5 - 1	0.51	98.75	0.51	50.36
RAA4-D21	1719,2229*,2230*	9,556	0.5 - 1	0.083	176.96	0.08	14.69
RAA4-D23	1682,2226*,2232*	11,076	0.5 - 1	0.06	205.12	0.06	12.31
RAA4-D25	1725	9,321	0.5 - 1	0.146	172.62	0.15	25.20
RAA4-D26S	1922,2355*,2363*	5,547	0.5 - 1	0.019	102.73	0.02	1.95
RAA4-D27	1736,2026*,2353	7,520	0.5 - 1	1.32	139.26	1.32	183.83
RAA4-D33	1663,1976	6,077	0.5 - 1	2.72	112.54	2.72	306.10
RAA4-D34	1652,1979*	6,571	0.5 - 1	13.9	121.69	13.90	1,691.52
RAA4-D36	1639,1984*,1986*,2041*,2346	10,584	0.5 - 1	2.4	195.99	2.40	470.39
RAA4-E19	1722	4,673	0.5 - 1	2.3	86.54	2.30	199.04
RAA4-E21	1723,2228*	7,759	0.5 - 1	0.028	143.69	0.03	4.02
RAA4-E22	1901,2227*,2378*	10,276	0.5 - 1	1.17	190.30	1.17	222.65
RAA4-E27	1737,2021*,2025,2364	7,253	0.5 - 1	69.5	134.32	69.50	9,335.19
RAA4-E30S	1923,2037,2039	5,983	0.5 - 1	0.021	110.79	0.02	2.33
RAA4-E33	1662	8,407	0.5 - 1	49	155.69	49.00	7,628.81
RAA4-E35	1645	9,005	0.5 - 1	69	166.75	69.00	11,505.75
RAA4-E38	1992*,1993,2158	1,441	0.5 - 1	0.36	26.69	0.36	9.61
RAA4-E39	2156	125	0.5 - 1	0.16	2.32	0.16	0.37
RAA4-F23S	1902	5,043	0.5 - 1	0.021	93.39	0.02	1.96
RAA4-F25	1742,2018*,2374	9,050	0.5 - 1	1.5	167.60	1.50	251.40

**TABLE C-9  
POST-REMEDATION CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 1-FOOT DEPTH INCREMENT (UNPAVED)**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**0.5- TO 1-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-F28	1969	312	0.5 - 1	0.021	5.78	0.02	0.12
RAA4-F29	1675,2005	3,902	0.5 - 1	0.021	72.26	0.02	1.52
RAA4-F31	1668	8,815	0.5 - 1	0.7	163.25	0.70	114.27
RAA4-F33	1661	9,935	0.5 - 1	4.1	183.99	4.10	754.34
RAA4-F34	1653	11,717	0.5 - 1	1.38	216.99	1.38	299.44
RAA4-F35	1644	7,840	0.5 - 1	1.3	145.18	1.30	188.74
RAA4-G20	1903A*,2012,2012A*,2224	4,738	0.5 - 1	29	87.74	29.00	2,544.36
RAA4-G28	1905	4,472	0.5 - 1	0.021	82.81	0.02	1.74
RAA4-G31	1669	9,946	0.5 - 1	1.8	184.19	1.80	331.55
RAA4-G33	1660	9,946	0.5 - 1	1.63	184.19	1.63	300.23
RAA4-G34	1654	5,738	0.5 - 1	3.4	106.26	3.40	361.30
RAA4-G35	2171	369	0.5 - 1	0.26	6.83	0.26	1.77
RAA4-H21	1683	3,642	0.5 - 1	7.4	67.44	7.40	499.06
RAA4-H24	1962	24	0.5 - 1	0.021	0.44	0.02	0.01
RAA4-H27S	1906	5,106	0.5 - 1	0.021	94.55	0.02	1.99
RAA4-H28S	1926,1955A	5,975	0.5 - 1	0.021	110.65	0.02	2.32
RAA4-H29	1674	6,480	0.5 - 1	0.021	120.01	0.02	2.52
RAA4-H31	1670	6,744	0.5 - 1	0.87	124.90	0.87	108.66
RAA4-H33	2174	2,436	0.5 - 1	4.6	45.10	4.60	207.47
RAA4-HH30	1952,1954,2058	2,231	0.5 - 1	32.7	41.32	32.70	1,351.22
RAA4-I21	1782	4,347	0.5 - 1	22.4	80.50	22.40	1,803.19
RAA4-I23	1681,2220,2386	3,716	0.5 - 1	0.021	68.81	0.02	1.45
RAA4-I25	1680	7,665	0.5 - 1	12.2	141.95	12.20	1,731.80
RAA4-I27	1679	3,573	0.5 - 1	26	66.17	26.00	1,720.42
RAA4-I27	1679A	259	0.5 - 1	0.021	4.79	0.02	0.10
RAA4-I28	2054A,2056	800	0.5 - 1	5.1	14.81	5.10	75.53
RAA4-I30	2057	98	0.5 - 1	0.021	1.82	0.02	0.04
RAA4-J27	1957	518	0.5 - 1	0.021	9.59	0.02	0.20
RAA4-K23	1745	3,785	0.5 - 1	0.021	70.10	0.02	1.47
RAA4-K25	1743B,1958	2,224	0.5 - 1	9.8	41.18	9.80	403.56
RAA4-L23	2121A	883	0.5 - 1	0.021	16.35	0.02	0.34
RAA4-L24	2117	957	0.5 - 1	13.2	17.72	13.20	233.86
RAA4-L25	2116A	131	0.5 - 1	0.021	2.42	0.02	0.05
RCP-C1	1823	5,548	0.5 - 1	1.8	102.74	1.80	184.93
RCP-C2	2160	54	0.5 - 1	44	1.01	44.00	44.30
RCP-C4	2169	2,332	0.5 - 1	10	43.19	10.00	431.90
TW-SB-1	1842	5,596	0.5 - 1	7.2	103.62	7.20	746.08
X-4	1799,2017*,2375	7,451	0.5 - 1	0.43	137.99	0.43	59.33
X-5	1798,2019*,2020	10,112	0.5 - 1	7.5	187.27	7.50	1,404.51
X-6	1797,2022*,2023	6,435	0.5 - 1	2.2	119.16	2.20	262.15
X-7	1793,1972*	6,879	0.5 - 1	7.3	127.39	7.30	929.98
X-8	1792	9,237	0.5 - 1	26	171.06	26.00	4,447.61
X-9	1790	9,601	0.5 - 1	6.2	177.79	6.20	1,102.29
X-10	1789	1,277	0.5 - 1	50	23.65	50.00	1,182.47
X-12	1796	8,067	0.5 - 1	0.021	149.38	0.02	3.14
X-13	1795,1973*,1974	7,232	0.5 - 1	7.65	133.93	7.65	1,024.57
X-14	1791*,1978,2256,2350	4,229	0.5 - 1	9.5	78.31	9.50	743.94
X-15	1788,1982*,1983,2344	9,488	0.5 - 1	17.4	175.70	17.40	3,057.24
X-16	1785	3,788	0.5 - 1	0.07	70.15	0.07	4.91
X-18	1786,1989*,1990	2,830	0.5 - 1	0.025	52.41	0.03	1.31
X-19	1844	2,233	0.5 - 1	0.41	41.36	0.41	16.96
X-20	1845	4,446	0.5 - 1	1.6	82.33	1.60	131.72
Y-9	2393	25	0.5 - 1	0.021	0.46	0.02	0.01
Y-10	1806,1960	3,153	0.5 - 1	115	58.38	115.00	6,713.76
Y-14	2222	335	0.5 - 1	67	6.20	67.00	415.31
Y-15	2219	2,064	0.5 - 1	0.021	38.23	0.02	0.80
Y-19	1855,2013*,2014	1,527	0.5 - 1	120	28.28	120.00	3,393.98
Y-20	2010	1,560	0.5 - 1	0.021	28.88	0.02	0.61
Y-24	1816,2015*,2016	8,157	0.5 - 1	0.58	151.05	0.58	87.61
Y-26	2324	108	0.5 - 1	0.36	2.00	0.36	0.72
<b>Totals:</b>	--	636,045	--	--	11,778.61	--	92,618.21
<b>Volume-Weighted Average:</b>							<b>7.86</b>

**TABLE C-9  
POST-REMEDATION CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 1-FOOT DEPTH INCREMENT (UNPAVED)**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
<b>Totals:</b>	--	636,045	0 - 1	--	23,557.22	--	185,196.36
<b>Volume-Weighted Average:</b>							<b>7.86</b>

Notes:

1. Polygon ID and area based on information shown on Figures C-1 and C-2.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation. The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.
6. \* = Indicates paved polygon that has been evaluated as unpaved for the purposes of demonstrating achievement of Performance Standards and for the purposes of the forthcoming ERE. Although evaluated in this manner, these polygons will remain paved.

**TABLE C-10  
POST-REMEDATION CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 1-FOOT DEPTH INCREMENT  
SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**0- TO 0.5-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
206S	1780	2,877	0 - 0.5	0.021	53.28	0.02	1.12
206S	2125	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
207S	1931,1931A,2169	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
209S	1781	1,041	0 - 0.5	0.021	19.28	0.02	0.40
209S	1781A	2,664	0 - 0.5	3.8	49.33	3.80	187.44
60-1	2029,2136*	5,003	0 - 0.5	34	92.65	34.00	3,150.08
60-5	2028	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
95-02	1989,2114	157	0 - 0.5	0.021	2.91	0.02	0.06
95-02	1989A,1989B,2113,2114B	1,088	0 - 0.5	3.5	20.15	3.50	70.51
95-04	2017,2017A,2168,2168A,2168B	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
95-07	1988,2189*	4,731	0 - 0.5	0.021	87.62	0.02	1.84
95-08	1968	4,831	0 - 0.5	0.65	89.46	0.65	58.15
95-26	1967	5,927	0 - 0.5	0.021	109.75	0.02	2.30
CRA-3	1889B	7	0 - 0.5	0.23	0.12	0.23	0.03
CRA-8	2528	115	0 - 0.5	1.1	2.12	1.10	2.33
CRA-14	2516	1,955	0 - 0.5	1.81	36.21	1.81	65.54
CRA-16	2518	286	0 - 0.5	0.89	5.29	0.89	4.71
CRA-17	2519	1,056	0 - 0.5	42	19.56	42.00	821.67
CRA-18	2520	1,591	0 - 0.5	0.32	29.46	0.32	9.43
CRA-19	1757	193	0 - 0.5	0.38	3.58	0.38	1.36
E2SC-05	1933	3,263	0 - 0.5	1.6	60.42	1.60	96.67
E2SC-06	1980,2152*,2541	4,931	0 - 0.5	0.59	91.32	0.59	53.88
E2SC-07	2012	3,035	0 - 0.5	0.79	56.21	0.79	44.41
E2SC-13	2324	548	0 - 0.5	0.21	10.15	0.21	2.13
E2SC-14	1932	2,620	0 - 0.5	0.6	48.52	0.60	29.11
E2SC-25	1993,2525*	8,070	0 - 0.5	3.1	149.45	3.10	463.30
ES2-5	1986	7,987	0 - 0.5	6.95	147.91	6.95	1,027.97
RAA4-2	1770A	6,593	0 - 0.5	1.4	122.09	1.40	170.92
RAA4-3	1759A	3,363	0 - 0.5	0.68	62.28	0.68	42.35
RAA4-4	1771,2533*	8,218	0 - 0.5	0.021	152.19	0.02	3.20
RAA4-5	1760	2,508	0 - 0.5	9.4	46.45	9.40	436.65
RAA4-6	1761	3,914	0 - 0.5	14	72.47	14.00	1,014.62
RAA4-7	2517,2644	978	0 - 0.5	1.28	18.11	1.28	23.18
RAA4-8	1762	1,237	0 - 0.5	4.45	22.91	4.45	101.93
RAA4-9	1763	2,015	0 - 0.5	1.64	37.32	1.64	61.21
RAA4-10	1764	3,831	0 - 0.5	3.9	70.95	3.90	276.72
RAA4-11	1765	2,490	0 - 0.5	5	46.11	5.00	230.54
RAA4-12	1766	3,674	0 - 0.5	7.9	68.04	7.90	537.54
RAA4-13	1767	2,491	0 - 0.5	0.79	46.14	0.79	36.45
RAA4-14	1768	2,210	0 - 0.5	1.7	40.93	1.70	69.58
RAA4-16	1772,2146*,2149,2532	6,955	0 - 0.5	0.6	128.79	0.60	77.27
RAA4-17	1773	3,587	0 - 0.5	10.1	66.42	10.10	670.88
RAA4-18	1774	3,467	0 - 0.5	1.96	64.20	1.96	125.82
RAA4-19	1775	4,204	0 - 0.5	2.2	77.85	2.20	171.28
RAA4-20	1776	3,612	0 - 0.5	1.93	66.88	1.93	129.08
RAA4-21	1777	2,662	0 - 0.5	0.0195	49.29	0.02	0.96
RAA4-23	1756	314	0 - 0.5	38	5.82	38.00	221.27
RAA4-A33	1887,2510	4,310	0 - 0.5	1.07	79.82	1.07	85.41
RAA4-A34	1797	3,840	0 - 0.5	0.4	71.11	0.40	28.44
RAA4-A35	1796	4,345	0 - 0.5	0.67	80.45	0.67	53.90
RAA4-A37	1889A	3,885	0 - 0.5	0.3	71.94	0.30	21.58
RAA4-B29	1825,2191*,2193*	5,988	0 - 0.5	1.4	110.89	1.40	155.25
RAA4-B31	1814,2192*,2197,2259	7,796	0 - 0.5	12.4	144.36	12.40	1,790.08
RAA4-B33	1813,2435,2522*,2524*	8,818	0 - 0.5	0.67	163.29	0.67	109.41
RAA4-B34	1798,2523*	8,842	0 - 0.5	1.1	163.73	1.10	180.11
RAA4-B35	1795,2526*	5,427	0 - 0.5	1.2	100.50	1.20	120.61
RAA4-C23	1872,2402*,2441,2442*	4,870	0 - 0.5	0.35	90.18	0.35	31.56
RAA4-C25	1868,2645*	7,196	0 - 0.5	0.12	133.26	0.12	15.99



**TABLE C-10**  
**POST-REMEDICATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 1-FOOT DEPTH INCREMENT**  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT (continued)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-C27	1826,2165*,2646	9,504	0 - 0.5	18.675	176.00	18.68	3,286.75
RAA4-C29	1824,2190*,2194*	7,299	0 - 0.5	0.283	135.17	0.28	38.25
RAA4-C30S	2082,2195*	4,591	0 - 0.5	2.5	85.01	2.50	212.53
RAA4-C31	1815,2196*,2198*,2262	9,059	0 - 0.5	21.3	167.76	21.30	3,573.23
RAA4-C33	1812,2260,2432*,2434*,2529*	3,201	0 - 0.5	31	59.28	31.00	1,837.66
RAA4-C33S	2066*,2138,2430,2531	4,592	0 - 0.5	1.97	85.04	1.97	167.53
RAA4-C34	2426*,2427,2438,2530*,2535*,2535A	3,667	0 - 0.5	0.56	67.91	0.56	38.03
RAA4-C35	1794,2141*,2142,2527*,2536	6,207	0 - 0.5	1.9	114.95	1.90	218.41
RAA4-D19	1869,2543	6,489	0 - 0.5	0.51	120.17	0.51	61.29
RAA4-D21	1867,2400*,2401*	9,556	0 - 0.5	0.083	176.96	0.08	14.69
RAA4-D23	1830,2397*,2403*	11,076	0 - 0.5	0.06	205.12	0.06	12.31
RAA4-D25	1873	9,321	0 - 0.5	0.146	172.62	0.15	25.20
RAA4-D26S	2080,2540*,2553*	5,547	0 - 0.5	0.019	102.73	0.02	1.95
RAA4-D27	1884,2188*,2538	7,520	0 - 0.5	1.32	139.26	1.32	183.83
RAA4-D33	1811,2137	6,077	0 - 0.5	2.72	112.54	2.72	306.10
RAA4-D34	1800,2140*	6,571	0 - 0.5	13.9	121.69	13.90	1,691.52
RAA4-D36	1787,2145*,2147*,2203*,2539	10,584	0 - 0.5	2.4	195.99	2.40	470.39
RAA4-E15	1832	5,107	0 - 0.5	0.58	94.58	0.58	54.86
RAA4-E16	2068	4,648	0 - 0.5	0.035	86.07	0.04	3.01
RAA4-E19	1870,2542	8,451	0 - 0.5	2.3	156.49	2.30	359.94
RAA4-E21	1871,2399*	7,759	0 - 0.5	0.028	143.69	0.03	4.02
RAA4-E22	2059,2398*,2564*	10,276	0 - 0.5	1.17	190.30	1.17	222.65
RAA4-E27	1885,2183*,2187,2551	7,253	0 - 0.5	69.5	134.32	69.50	9,335.19
RAA4-E30S	2081,2199,2201	5,983	0 - 0.5	0.021	110.79	0.02	2.33
RAA4-E30S	2132	1,920	0 - 0.5	196	35.56	196.00	6,970.30
RAA4-E33	1810	8,407	0 - 0.5	49	155.69	49.00	7,628.81
RAA4-E35	1793	9,005	0 - 0.5	69	166.75	69.00	11,505.75
RAA4-E38	2153*,2154,2330	1,441	0 - 0.5	0.36	26.69	0.36	9.61
RAA4-E39	2328	125	0 - 0.5	0.16	2.32	0.16	0.37
RAA4-F16	2069	4,739	0 - 0.5	0.23	87.75	0.23	20.18
RAA4-F18	2070	4,264	0 - 0.5	0.185	78.96	0.19	14.61
RAA4-F23S	2060	5,043	0 - 0.5	0.021	93.39	0.02	1.96
RAA4-F23S	2171	2,313	0 - 0.5	220	42.84	220.00	9,425.09
RAA4-F25	1890,2170,2180*,2554	9,512	0 - 0.5	1.5	176.15	1.50	264.22
RAA4-F27	1886,2167,2167A,2167B	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
RAA4-F28	2065,2129,2129A,2186*	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
RAA4-F28	2130	312	0 - 0.5	0.021	5.78	0.02	0.12
RAA4-F29	1823,2166	3,902	0 - 0.5	0.021	72.26	0.02	1.52
RAA4-F29	2131	1,042	0 - 0.5	340	19.29	340.00	6,560.05
RAA4-F31	1816	8,815	0 - 0.5	0.7	163.25	0.70	114.27
RAA4-F33	1809	9,935	0 - 0.5	4.1	183.99	4.10	754.34
RAA4-F34	1801	11,717	0 - 0.5	1.38	216.99	1.38	299.44
RAA4-F35	1792	7,840	0 - 0.5	1.3	145.18	1.30	188.74
RAA4-G14	2354	256	0 - 0.5	3.6	4.75	3.60	17.09
RAA4-G18N	2078	7,898	0 - 0.5	6.1	146.25	6.10	892.15
RAA4-G20	2061,2061A*,2061B*,2173,2174,2395	7,855	0 - 0.5	29	145.46	29.00	4,218.22
RAA4-G23	2062	8,775	0 - 0.5	45.5	162.49	45.50	7,393.51
RAA4-G27	1866	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
RAA4-G28	2063	4,472	0 - 0.5	0.021	82.81	0.02	1.74
RAA4-G28	2128	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
RAA4-G31	1817	9,946	0 - 0.5	1.8	184.19	1.80	331.55
RAA4-G33	1808	9,946	0 - 0.5	1.63	184.19	1.63	300.23
RAA4-G34	1802	5,738	0 - 0.5	3.4	106.26	3.40	361.30
RAA4-G35	2343	369	0 - 0.5	0.26	6.83	0.26	1.77
RAA4-H12	2352	16	0 - 0.5	1.2	0.29	1.20	0.35
RAA4-H17	1833	11,355	0 - 0.5	18.2	210.28	18.20	3,827.14
RAA4-H21	1831,2394,2396	6,554	0 - 0.5	7.4	121.38	7.40	898.19

**TABLE C-10**  
**POST-REMEDATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 1-FOOT DEPTH INCREMENT**  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT (continued)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume	
RAA4-H24	1865	10,267	0 - 0.5	400	190.13	400.00	76,050.30	
RAA4-H24	2122	24	0 - 0.5	0.021	0.44	0.02	0.01	
RAA4-H27S	2064	3,303	0 - 0.5	0.021	61.16	0.02	1.28	
RAA4-H27S	2124	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.						
RAA4-H28S	2084	5,100	0 - 0.5	0.021	94.45	0.02	1.98	
RAA4-H28S	2114A	112	0 - 0.5	172	2.08	172.00	357.82	
RAA4-H28S	2126	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.						
RAA4-H29	1822	6,480	0 - 0.5	0.021	120.01	0.02	2.52	
RAA4-H29	2127	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.						
RAA4-H31	1818	6,744	0 - 0.5	0.87	124.90	0.87	108.66	
RAA4-H33	2346	2,436	0 - 0.5	4.6	45.10	4.60	207.47	
RAA4-HH30	2109,2110,2111,2216A	2,992	0 - 0.5	32.7	55.41	32.70	1,811.88	
RAA4-I15	2019	4,762	0 - 0.5	6.7	88.19	6.70	590.85	
RAA4-I19	1864	9,018	0 - 0.5	48	166.99	48.00	8,015.72	
RAA4-I21	1930,2392	6,801	0 - 0.5	22.4	125.95	22.40	2,821.30	
RAA4-I23	1829,2391,2586	3,716	0 - 0.5	0.021	68.81	0.02	1.45	
RAA4-I23	2121	4,102	0 - 0.5	183.5	75.97	183.50	13,940.26	
RAA4-I25	1828,2123	7,738	0 - 0.5	12.2	143.30	12.20	1,748.32	
RAA4-I27	1827,2116	3,800	0 - 0.5	26	70.37	26.00	1,829.51	
RAA4-I28	2115,2115A,2115B	2,289	0 - 0.5	5.1	42.38	5.10	216.15	
RAA4-J27	1851A	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.						
RAA4-J27	2117	518	0 - 0.5	0.021	9.59	0.02	0.20	
RAA4-J28	2282	22	0 - 0.5	54	0.40	54.00	21.54	
RAA4-K19	1863	5,573	0 - 0.5	38	103.21	38.00	3,922.06	
RAA4-K20	2079	6,369	0 - 0.5	245	117.95	245.00	28,898.57	
RAA4-K23	1893	3,785	0 - 0.5	0.021	70.10	0.02	1.47	
RAA4-K23	1893A,2578,2584	476	0 - 0.5	310	8.82	310.00	2,735.00	
RAA4-K25	1891,1891B,2118	4,636	0 - 0.5	9.8	85.85	9.80	841.34	
RAA4-K26	1891A	107	0 - 0.5	170	1.98	170.00	337.36	
RAA4-K27	1851	283	0 - 0.5	39	5.25	39.00	204.61	
RAA4-L15	2348	56	0 - 0.5	278	1.04	278.00	288.81	
RAA4-L16	2297	1,162	0 - 0.5	380	21.53	380.00	8,179.71	
RAA4-L17	2058	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.						
RAA4-L18	2295C	2,287	0 - 0.5	80	42.35	80.00	3,388.31	
RAA4-L19	2295	693	0 - 0.5	54	12.83	54.00	692.57	
RAA4-L23	2588	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.						
RAA4-L23	2588A	883	0 - 0.5	0.021	16.35	0.02	0.34	
RAA4-L24	2287	957	0 - 0.5	13.2	17.72	13.20	233.86	
RAA4-L25	2286	131	0 - 0.5	0.021	2.42	0.02	0.05	
RAA4-M21	2293	671	0 - 0.5	98	12.43	98.00	1,217.87	
RAA4-M22	2292	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.						
RCP-C1	1972	5,548	0 - 0.5	1.8	102.74	1.80	184.93	
RCP-C2	2332	54	0 - 0.5	44	1.01	44.00	44.30	
RCP-C4	2341	2,332	0 - 0.5	10	43.19	10.00	431.90	
TW-SB-1	1992	5,596	0 - 0.5	7.2	103.62	7.20	746.08	
X-4	1948,2179*,2562	7,451	0 - 0.5	0.43	137.99	0.43	59.33	
X-5	1947,2181*,2182	10,112	0 - 0.5	7.5	187.27	7.50	1,404.51	
X-6	1946,2184*,2185	6,435	0 - 0.5	2.2	119.16	2.20	262.15	
X-7	1942,2133*	6,879	0 - 0.5	7.3	127.39	7.30	929.98	
X-8	1941	9,237	0 - 0.5	26	171.06	26.00	4,447.61	
X-9	1939	9,601	0 - 0.5	6.2	177.79	6.20	1,102.29	
X-10	1938	1,277	0 - 0.5	50	23.65	50.00	1,182.47	
X-12	1945	7,487	0 - 0.5	0.021	138.65	0.02	2.91	
X-13	1944,2134*,2135	6,544	0 - 0.5	7.65	121.18	7.65	927.05	
X-14	1940*,2139,2428,2537	4,229	0 - 0.5	9.5	78.31	9.50	743.94	
X-15	1937,2143*,2144,2534	9,488	0 - 0.5	17.4	175.70	17.40	3,057.24	
X-16	1934	3,788	0 - 0.5	0.07	70.15	0.07	4.91	
X-18	1935,2150*,2151	2,830	0 - 0.5	0.025	52.41	0.03	1.31	
X-19	1994	2,233	0 - 0.5	0.41	41.36	0.41	16.96	

**TABLE C-10**  
**POST-REMEDIATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 1-FOOT DEPTH INCREMENT**  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0- TO 0.5-FOOT DEPTH INCREMENT (continued)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
X-20	1995	4,446	0 - 0.5	1.6	82.33	1.60	131.72
Y-8	1953	1,909	0 - 0.5	218	35.34	218.00	7,705.09
Y-9	1954	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
Y-9	2585	25	0 - 0.5	0.021	0.46	0.02	0.01
Y-10	1955,2119,2120	4,897	0 - 0.5	115	90.68	115.00	10,428.14
Y-12	1957	6,499	0 - 0.5	119	120.36	119.00	14,322.29
Y-13	1959	8,021	0 - 0.5	91	148.54	91.00	13,516.72
Y-14	1960,2393	5,911	0 - 0.5	67	109.47	67.00	7,334.22
Y-15	1961	4,808	0 - 0.5	152	89.04	152.00	13,533.88
Y-15	2390	2,064	0 - 0.5	0.021	38.23	0.02	0.80
Y-16	2351	1,537	0 - 0.5	0.025	28.46	0.03	0.71
Y-19	2005,2175*,2175A,2176,2227	7,917	0 - 0.5	120	146.62	120.00	17,593.82
Y-20	1962	5,635	0 - 0.5	140	104.36	140.00	14,609.93
Y-20	2172	1,560	0 - 0.5	0.021	28.88	0.02	0.61
Y-21	2355	4,093	0 - 0.5	0.91	75.80	0.91	68.98
Y-22	1971	4,862	0 - 0.5	0.0175	90.03	0.02	1.58
Y-23	1964	4,501	0 - 0.5	0.1	83.35	0.10	8.34
Y-24	1965,2177*,2177A,2178	8,936	0 - 0.5	0.58	165.48	0.58	95.98
Y-26	1966,2509	7,350	0 - 0.5	0.36	136.11	0.36	49.00
<b>Totals:</b>	--	825,855	--	--	15,293.61	--	370,833.34
						<b>Volume-Weighted Average:</b>	<b>24.25</b>

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
60-1	1871,1975*	5,003	0.5 - 1	34	92.65	34.00	3,150.08
60-5	1870	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
95-04	1867,1867A,2007,2007A	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
95-07	1839,2027*	5,193	0.5 - 1	0.021	96.16	0.02	2.02
95-08	1819	4,831	0.5 - 1	0.65	89.46	0.65	58.15
95-26	1818	5,927	0.5 - 1	0.021	109.75	0.02	2.30
CRA-3	1741B	7	0.5 - 1	0.23	0.12	0.23	0.03
CRA-8	2416	115	0.5 - 1	1.1	2.12	1.10	2.33
CRA-14	2330	1,955	0.5 - 1	1.81	36.21	1.81	65.54
CRA-16	2349	286	0.5 - 1	0.89	5.29	0.89	4.71
CRA-17	2331	1,056	0.5 - 1	42	19.56	42.00	821.67
CRA-18	2332	1,591	0.5 - 1	0.32	29.46	0.32	9.43
CRA-19	1613	193	0.5 - 1	0.38	3.58	0.38	1.36
E2SC-05	1784	3,263	0.5 - 1	1.6	60.42	1.60	96.67
E2SC-06	1831,1991*,2357	4,931	0.5 - 1	0.59	91.32	0.59	53.88
E2SC-07	1862	3,035	0.5 - 1	0.79	56.21	0.79	44.41
E2SC-13	2152	548	0.5 - 1	0.21	10.15	0.21	2.13
E2SC-14	1783	2,620	0.5 - 1	0.6	48.52	0.60	29.11
E2SC-25	1843,2338*	8,070	0.5 - 1	3.1	149.45	3.10	463.30
ES2-5	1837	7,987	0.5 - 1	6.95	147.91	6.95	1,027.97
RAA4-2	1626A	6,593	0.5 - 1	1.4	122.09	1.40	170.92
RAA4-3	1615A	3,363	0.5 - 1	0.68	62.28	0.68	42.35
RAA4-4	1627,2345*	8,218	0.5 - 1	0.021	152.19	0.02	3.20
RAA4-5	1616	2,508	0.5 - 1	9.4	46.45	9.40	436.65
RAA4-6	1617	3,914	0.5 - 1	14	72.47	14.00	1,014.62
RAA4-7	2351,2352	978	0.5 - 1	1.28	18.11	1.28	23.18
RAA4-8	1618	1,237	0.5 - 1	4.45	22.91	4.45	101.93
RAA4-9	1619	2,015	0.5 - 1	1.64	37.32	1.64	61.21
RAA4-10	1620	3,831	0.5 - 1	3.9	70.95	3.90	276.72
RAA4-11	1621	2,490	0.5 - 1	5	46.11	5.00	230.54
RAA4-12	1622	3,674	0.5 - 1	7.9	68.04	7.90	537.54
RAA4-13	1623	2,491	0.5 - 1	0.79	46.14	0.79	36.45
RAA4-14	1624	2,210	0.5 - 1	1.7	40.93	1.70	69.58
RAA4-16	1628,1985*,1988,2354	6,955	0.5 - 1	0.6	128.79	0.60	77.27

**TABLE C-10**  
**POST-REMEDATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 1-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

0.5- TO 1-FOOT DEPTH INCREMENT (continued)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-17	1629	3,587	0.5 - 1	10.1	66.42	10.10	670.88
RAA4-18	1630	3,467	0.5 - 1	1.96	64.20	1.96	125.82
RAA4-19	1631	4,204	0.5 - 1	2.2	77.85	2.20	171.28
RAA4-20	1632	3,612	0.5 - 1	1.93	66.88	1.93	129.08
RAA4-21	1633	2,662	0.5 - 1	0.0195	49.29	0.02	0.96
RAA4-23	1612	314	0.5 - 1	38	5.82	38.00	221.27
RAA4-A33	1739,2325	4,310	0.5 - 1	1.07	79.82	1.07	85.41
RAA4-A34	1649	3,840	0.5 - 1	0.4	71.11	0.40	28.44
RAA4-A35	1648	4,345	0.5 - 1	0.67	80.45	0.67	53.90
RAA4-A37	1741A	3,885	0.5 - 1	0.3	71.94	0.30	21.58
RAA4-B29	1677,2029*,2031*	5,988	0.5 - 1	1.4	110.89	1.40	155.25
RAA4-B31	1666,2030*,2035,2092	7,796	0.5 - 1	12.4	144.36	12.40	1,790.09
RAA4-B33	1665,2263,2336*,2339*	8,818	0.5 - 1	0.67	163.29	0.67	109.41
RAA4-B34	1650,2335*	8,842	0.5 - 1	1.1	163.73	1.10	180.11
RAA4-B35	1647,2337*	5,427	0.5 - 1	1.2	100.50	1.20	120.61
RAA4-C23	1724,2231*,2270,2271*	4,870	0.5 - 1	0.35	90.18	0.35	31.56
RAA4-C25	1720,2342*	7,196	0.5 - 1	0.12	133.26	0.12	15.99
RAA4-C27	1678,2004*,2341	9,504	0.5 - 1	18.675	176.00	18.68	3,286.75
RAA4-C29	1676,2028*,2032*	7,318	0.5 - 1	0.283	135.51	0.28	38.35
RAA4-C30S	1924,2033*	6,547	0.5 - 1	2.5	121.24	2.50	303.11
RAA4-C31	1667,2034*,2036*,2095	9,059	0.5 - 1	21.3	167.76	21.30	3,573.23
RAA4-C33	1664,2093,2261*,2262*,2340*	3,201	0.5 - 1	31	59.28	31.00	1,837.66
RAA4-C33S	1908*,1977,2258,2348	4,592	0.5 - 1	1.97	85.04	1.97	167.53
RAA4-C34	1651,2252*,2254*,2255,2266,2347*	3,667	0.5 - 1	0.56	67.91	0.56	38.03
RAA4-C35	1646,1980*,1981,2269*,2343	6,207	0.5 - 1	1.9	114.95	1.90	218.41
RAA4-D19	1721,2356	6,489	0.5 - 1	0.51	120.17	0.51	61.29
RAA4-D21	1719,2229*,2230*	9,556	0.5 - 1	0.083	176.96	0.08	14.69
RAA4-D23	1682,2226*,2232*	11,076	0.5 - 1	0.06	205.12	0.06	12.31
RAA4-D25	1725	9,321	0.5 - 1	0.146	172.62	0.15	25.20
RAA4-D26S	1922,2355*,2363*	5,547	0.5 - 1	0.019	102.73	0.02	1.95
RAA4-D27	1736,2026*,2353	7,520	0.5 - 1	1.32	139.26	1.32	183.83
RAA4-D33	1663,1976	6,077	0.5 - 1	2.72	112.54	2.72	306.10
RAA4-D34	1652,1979*	6,571	0.5 - 1	13.9	121.69	13.90	1,691.52
RAA4-D36	1639,1984*,1986*,2041*,2346	10,584	0.5 - 1	2.4	195.99	2.40	470.39
RAA4-E15	1684	5,107	0.5 - 1	0.58	94.58	0.58	54.86
RAA4-E16	1910	4,648	0.5 - 1	0.035	86.07	0.04	3.01
RAA4-E19	1722,2366	8,451	0.5 - 1	2.3	156.49	2.30	359.94
RAA4-E21	1723,2228*	7,759	0.5 - 1	0.028	143.69	0.03	4.02
RAA4-E22	1901,2227*,2378*	10,276	0.5 - 1	1.17	190.30	1.17	222.65
RAA4-E27	1737,2021*,2025,2364	7,253	0.5 - 1	69.5	134.32	69.50	9,335.19
RAA4-E30S	1971	1,920	0.5 - 1	196	35.56	196.00	6,970.30
RAA4-E30S	1923,2037,2039	5,983	0.5 - 1	0.021	110.79	0.02	2.33
RAA4-E33	1662	8,407	0.5 - 1	49	155.69	49.00	7,628.81
RAA4-E35	1645	9,005	0.5 - 1	69	166.75	69.00	11,505.75
RAA4-E38	1992*,1993,2158	1,441	0.5 - 1	0.36	26.69	0.36	9.61
RAA4-E39	2156	125	0.5 - 1	0.16	2.32	0.16	0.37
RAA4-F16	1911	4,739	0.5 - 1	0.23	87.75	0.23	20.18
RAA4-F18	1912	4,264	0.5 - 1	0.185	78.96	0.19	14.61
RAA4-F23S	1902	5,043	0.5 - 1	0.021	93.39	0.02	1.96
RAA4-F23S	2009,2009A	2,354	0.5 - 1	220	43.59	220.00	9,589.31
RAA4-F25	1742,2008,2018*,2374	10,913	0.5 - 1	1.5	202.09	1.50	303.14
RAA4-F27	1738,2006,2006A,2006B	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
RAA4-F28	1907,1968,1968A,2024*	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
RAA4-F28	1969	312	0.5 - 1	0.021	5.78	0.02	0.12
RAA4-F29	1675,2005	3,902	0.5 - 1	0.021	72.26	0.02	1.52
RAA4-F29	1970	1,042	0.5 - 1	340	19.29	340.00	6,560.05

**TABLE C-10**  
**POST-REMEDICATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 1-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**0.5- TO 1-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-F31	1668	8,815	0.5 - 1	0.7	163.25	0.70	114.27
RAA4-F33	1661	9,935	0.5 - 1	4.1	183.99	4.10	754.34
RAA4-F34	1653	11,717	0.5 - 1	1.38	216.99	1.38	299.44
RAA4-F35	1644	7,840	0.5 - 1	1.3	145.18	1.30	188.74
RAA4-G14	2182	256	0.5 - 1	3.6	4.75	3.60	17.09
RAA4-G18N	1920	7,898	0.5 - 1	6.1	146.25	6.10	892.15
RAA4-G20	1903,1903A*,2011,2012,2012A*,2224	7,855	0.5 - 1	29	145.46	29.00	4,218.22
RAA4-G23	1904,1904A	9,163	0.5 - 1	45.5	169.68	45.50	7,720.47
RAA4-G27	1718	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
RAA4-G28	1905	4,472	0.5 - 1	0.021	82.81	0.02	1.74
RAA4-G28	1967	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
RAA4-G31	1669	9,946	0.5 - 1	1.8	184.19	1.80	331.55
RAA4-G33	1660	9,946	0.5 - 1	1.63	184.19	1.63	300.23
RAA4-G34	1654	5,738	0.5 - 1	3.4	106.26	3.40	361.30
RAA4-G35	2171	369	0.5 - 1	0.26	6.83	0.26	1.77
RAA4-H12	2180	16	0.5 - 1	1.2	0.29	1.20	0.35
RAA4-H17	1685	11,355	0.5 - 1	18.2	210.28	18.20	3,827.14
RAA4-H21	1683,2223,2225	6,554	0.5 - 1	7.4	121.38	7.40	898.19
RAA4-H24	1717	10,267	0.5 - 1	400	190.13	400.00	76,050.30
RAA4-H24	1962	24	0.5 - 1	0.021	0.44	0.02	0.01
RAA4-H27S	1906	5,106	0.5 - 1	0.021	94.55	0.02	1.99
RAA4-H27S	1964	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
RAA4-H28S	1926,1955A	5,975	0.5 - 1	0.021	110.65	0.02	2.32
RAA4-H28S	1955	555	0.5 - 1	172	10.28	172.00	1,768.83
RAA4-H28S	1965	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
RAA4-H29	1674	6,480	0.5 - 1	0.021	120.01	0.02	2.52
RAA4-H29	1966	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
RAA4-H31	1670	6,744	0.5 - 1	0.87	124.90	0.87	108.66
RAA4-H33	2174	2,436	0.5 - 1	4.6	45.10	4.60	207.47
RAA4-HH30	1952,1953,1954,2058	3,353	0.5 - 1	32.7	62.09	32.70	2,030.23
RAA4-I15	1869	4,762	0.5 - 1	6.7	88.19	6.70	590.85
RAA4-I19	1716	9,018	0.5 - 1	48	166.99	48.00	8,015.72
RAA4-I21	1782,2221	6,801	0.5 - 1	22.4	125.95	22.40	2,821.30
RAA4-I23	1961	4,102	0.5 - 1	183.5	75.97	183.50	13,940.26
RAA4-I23	1681,2220,2386	3,716	0.5 - 1	0.021	68.81	0.02	1.45
RAA4-I25	1680,1963	7,738	0.5 - 1	12.2	143.30	12.20	1,748.32
RAA4-I27	1679,1956	3,800	0.5 - 1	26	70.37	26.00	1,829.51
RAA4-I27	1679A	259	0.5 - 1	0.021	4.79	0.02	0.10
RAA4-I28	2054,2054A,2056	2,553	0.5 - 1	5.1	47.27	5.10	241.08
RAA4-I30	2057	98	0.5 - 1	0.021	1.82	0.02	0.04
RAA4-I30	2057A	20	0.5 - 1	390	0.38	390.00	147.33
RAA4-J27	1703A	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
RAA4-J27	1957	518	0.5 - 1	0.021	9.59	0.02	0.20
RAA4-J28	2053	22	0.5 - 1	54	0.40	54.00	21.54
RAA4-K19	1715	5,573	0.5 - 1	38	103.21	38.00	3,922.06
RAA4-K20	1921	6,369	0.5 - 1	245	117.95	245.00	28,898.57
RAA4-K23	1745	3,785	0.5 - 1	0.021	70.10	0.02	1.47
RAA4-K23	1745A,2385,2394	476	0.5 - 1	310	8.82	310.00	2,735.00
RAA4-K25	1743A,1743B,1958	4,636	0.5 - 1	9.8	85.85	9.80	841.34
RAA4-K26	2114B	107	0.5 - 1	170	1.98	170.00	337.36
RAA4-K27	2113	283	0.5 - 1	39	5.25	39.00	204.61
RAA4-L15	2176	56	0.5 - 1	278	1.04	278.00	288.81
RAA4-L16	2127	1,162	0.5 - 1	380	21.53	380.00	8,179.71
RAA4-L17	1900	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
RAA4-L18	1900A	2,287	0.5 - 1	80	42.35	80.00	3,388.31
RAA4-L19	2125A	693	0.5 - 1	54	12.83	54.00	692.57
RAA4-L23	2121A	883	0.5 - 1	0.021	16.35	0.02	0.34
RAA4-L23	2392	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
RAA4-L24	2117	957	0.5 - 1	13.2	17.72	13.20	233.86

**TABLE C-10**  
**POST-REMEDIATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 1-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**0.5- TO 1-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume	
RAA4-L25	2116A	131	0.5 - 1	<b>0.021</b>	2.42	0.02	0.05	
RAA4-M21	2123	671	0.5 - 1	98	12.43	98.00	1,217.87	
RAA4-M22	2122	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.						
RCP-C1	1823	5,548	0.5 - 1	1.8	102.74	1.80	184.93	
RCP-C2	2160	54	0.5 - 1	44	1.01	44.00	44.30	
RCP-C4	2169	2,332	0.5 - 1	10	43.19	10.00	431.90	
TW-SB-1	1842	5,596	0.5 - 1	7.2	103.62	7.20	746.08	
X-4	1799,2017*,2375	7,451	0.5 - 1	0.43	137.99	0.43	59.33	
X-5	1798,2019*,2020	10,112	0.5 - 1	7.5	187.27	7.50	1,404.51	
X-6	1797,2022*,2023	6,435	0.5 - 1	2.2	119.16	2.20	262.15	
X-7	1793,1972*	6,879	0.5 - 1	7.3	127.39	7.30	929.98	
X-8	1792	9,237	0.5 - 1	26	171.06	26.00	4,447.61	
X-9	1790	9,601	0.5 - 1	6.2	177.79	6.20	1,102.29	
X-10	1789	1,277	0.5 - 1	50	23.65	50.00	1,182.47	
X-12	1796	8,067	0.5 - 1	<b>0.021</b>	149.38	0.02	3.14	
X-13	1795,1973*,1974	7,232	0.5 - 1	7.65	133.93	7.65	1,024.57	
X-14	1791*,1978,2256,2350	4,229	0.5 - 1	9.5	78.31	9.50	743.94	
X-15	1788,1982*,1983,2344	9,488	0.5 - 1	17.4	175.70	17.40	3,057.24	
X-16	1785	3,788	0.5 - 1	0.07	70.15	0.07	4.91	
X-18	1786,1989*,1990	2,830	0.5 - 1	<b>0.025</b>	52.41	0.03	1.31	
X-19	1844	2,233	0.5 - 1	0.41	41.36	0.41	16.96	
X-20	1845	4,446	0.5 - 1	1.6	82.33	1.60	131.72	
Y-8	1804A	1,909	0.5 - 1	218	35.34	218.00	7,705.09	
Y-9	1805	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.						
Y-9	2393	25	0.5 - 1	<b>0.021</b>	0.46	0.02	0.01	
Y-10	1806,1959,1960	4,897	0.5 - 1	115	90.68	115.00	10,428.14	
Y-12	1808	6,499	0.5 - 1	119	120.36	119.00	14,322.29	
Y-13	1810	8,021	0.5 - 1	91	148.54	91.00	13,516.72	
Y-14	1811,2222	5,911	0.5 - 1	67	109.47	67.00	7,334.22	
Y-15	1812	4,808	0.5 - 1	152	89.04	152.00	13,533.88	
Y-15	2219	2,064	0.5 - 1	<b>0.021</b>	38.23	0.02	0.80	
Y-16	2179	1,537	0.5 - 1	<b>0.025</b>	28.46	0.03	0.71	
Y-19	1855,2013*,2013A,2014,2087	7,917	0.5 - 1	120	146.62	120.00	17,593.82	
Y-20	1813	5,635	0.5 - 1	140	104.36	140.00	14,609.93	
Y-20	2010	1,560	0.5 - 1	<b>0.021</b>	28.88	0.02	0.61	
Y-21	2183	4,093	0.5 - 1	0.91	75.80	0.91	68.98	
Y-22	1822	4,862	0.5 - 1	<b>0.0175</b>	90.03	0.02	1.58	
Y-23	1815	4,501	0.5 - 1	0.1	83.35	0.10	8.34	
Y-24	1816,1816A,2015*,2016	8,936	0.5 - 1	0.58	165.48	0.58	95.98	
Y-26	1817,2324	7,350	0.5 - 1	0.36	136.11	0.36	49.00	
<b>Totals:</b>	--	827,684	--	--	15,327.49	--	373,095.31	
<b>Volume-Weighted Average:</b>							<b>24.34</b>	

**SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
<b>Totals:</b>	--	826,770	0 - 1	--	30,621.10	--	743,928.65
<b>Volume-Weighted Average:</b>							<b>24.29</b>

**Notes:**

- Polygon ID and area based on information shown on Figures C-1 and C-2.
- Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
- For instances where a duplicate sample was available, the average of the samples was included in table.
- All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation. The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.
- \* = Indicates paved polygon that has been evaluated as unpaved for the purposes of demonstrating achievement of Performance Standards and for the purposes of the forthcoming ERE. Although evaluated in this manner, these polygons will remain paved.

**TABLE C-11**  
**POST-REMEDICATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 1- TO 6-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**1- TO 2-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
60-1	1328	3,347	1 - 2	22	123.95	22.00	2,726.91
60-5	1327	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
95-04	1316,1316A	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
95-07	1287	5,193	1 - 2	3,100	192.32	3,100.00	596,187.41
95-08	1266	4,831	1 - 2	0.65	178.92	0.65	116.30
95-09	2115	7,653	1 - 2	0.31	283.45	0.31	87.87
95-19	1290	6,846	1 - 2	4.8	253.54	4.80	1,217.01
95-26	1265	5,616	1 - 2	330	208.00	330.00	68,639.76
CRA-1	2090	6,026	1 - 2	1.28	223.18	1.28	285.66
CRA-2	2091	3,635	1 - 2	1.19	134.65	1.19	160.23
CRA-3	1520,2096	4,781	1 - 2	<b>0.23</b>	177.08	0.23	40.73
CRA-4	2095	5,630	1 - 2	0.2	208.50	0.20	41.70
CRA-5	2094	6,439	1 - 2	0.84	238.48	0.84	200.32
CRA-6	2093	9,479	1 - 2	0.284	351.07	0.28	99.70
CRA-7	2092	6,469	1 - 2	0.111	239.58	0.11	26.59
CRA-8	1521,2097	8,767	1 - 2	1.1	324.69	1.10	357.16
CRA-9	2098	7,091	1 - 2	5.6	262.64	5.60	1,470.79
CRA-10	2099	8,438	1 - 2	0.73	312.52	0.73	228.14
CRA-11	2100	10,012	1 - 2	1.06	370.82	1.06	393.07
CRA-12	2101	9,513	1 - 2	3.4	352.32	3.40	1,197.90
CRA-13	2102	7,401	1 - 2	<b>0.023</b>	274.11	0.02	6.30
CRA-14	1522,2108	8,530	1 - 2	1.81	315.92	1.81	571.81
CRA-15	1523,2107	9,308	1 - 2	2.3	344.75	2.30	792.93
CRA-16	1524,2106	8,253	1 - 2	0.89	305.66	0.89	272.04
CRA-17	1525,2105	9,802	1 - 2	42	363.05	42.00	15,248.30
CRA-18	1526,2104	8,471	1 - 2	0.32	313.73	0.32	100.39
CRA-19	1102,2103	3,475	1 - 2	0.38	128.69	0.38	48.90
CRA-20	2109	2,678	1 - 2	0.058	99.19	0.06	5.75
CRA-21	2110	3,437	1 - 2	<b>0.0235</b>	127.28	0.02	2.99
CRA-22	2111	2,166	1 - 2	0.95	80.21	0.95	76.20
E2SC-05	1231,2132	5,426	1 - 2	0.29	200.97	0.29	58.28
E2SC-06	1279	4,931	1 - 2	0.072	182.64	0.07	13.15
E2SC-07	1311	3,038	1 - 2	0.28	112.52	0.28	31.51
E2SC-13	1434	549	1 - 2	<b>0.018</b>	20.32	0.02	0.37
E2SC-14	1230,2134	5,296	1 - 2	<b>0.0185</b>	196.15	0.02	3.63
E2SC-25	1292	8,070	1 - 2	<b>0.085</b>	298.90	0.09	25.41
ES2-5	1285	12,274	1 - 2	6.95	454.61	6.95	3,159.53
RAA4-2	1105	7,862	1 - 2	<b>0.11</b>	291.19	0.11	32.03
RAA4-4	1106	9,018	1 - 2	1.4	334.01	1.40	467.62
RAA4-14	1103,2135,2136	3,434	1 - 2	<b>0.02125</b>	127.17	0.02	2.70
RAA4-15	2117	1,165	1 - 2	0.076	43.14	0.08	3.28
RAA4-16	1107	4,293	1 - 2	<b>0.55</b>	158.99	0.55	87.45
RAA4-16NW	1107A	5,183	1 - 2	18	191.98	18.00	3,455.62
RAA4-17	1108	4,115	1 - 2	0.03	152.39	0.03	4.57
RAA4-18	1109,2133	5,342	1 - 2	1.08	197.86	1.08	213.69
RAA4-19	1110	4,901	1 - 2	<b>0.018</b>	181.51	0.02	3.27
RAA4-20	1111	6,747	1 - 2	<b>0.0195</b>	249.89	0.02	4.87
RAA4-21	1112,2128	4,524	1 - 2	<b>0.199</b>	167.55	0.20	33.34
RAA4-22	2112	736	1 - 2	<b>0.019</b>	27.24	0.02	0.52
RAA4-23	1101,2116	1,503	1 - 2	0.058	55.67	0.06	3.23
RAA4-A33	1222	4,723	1 - 2	0.89	174.94	0.89	155.69
RAA4-A34	1130	3,840	1 - 2	1.79	142.22	1.79	254.57
RAA4-A35	1129	4,345	1 - 2	0.57	160.91	0.57	91.72
RAA4-A37	1224,2130	4,194	1 - 2	1.2	155.32	1.20	186.39
RAA4-B29	1159	5,974	1 - 2	1.3	221.25	1.30	287.62
RAA4-B31	1146	8,495	1 - 2	0.04	314.63	0.04	12.59
RAA4-B33E	1357	8,259	1 - 2	0.46	305.88	0.46	140.70

**TABLE C-11**  
**POST-REMEDATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 1- TO 6-FOOT DEPTH INCREMENT**  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**1- TO 2-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-B34	1131	7,774	1 - 2	0.105	287.94	0.11	30.23
RAA4-B35	1128	5,427	1 - 2	0.385	201.01	0.39	77.39
RAA4-C23	1207	4,528	1 - 2	0.0225	167.71	0.02	3.77
RAA4-C25	1202	5,657	1 - 2	0.044	209.50	0.04	9.22
RAA4-C25N	1202A	1,043	1 - 2	0.02	38.65	0.02	0.77
RAA4-C27	1160	7,047	1 - 2	0.73	261.01	0.73	190.53
RAA4-C27N	1160A	2,895	1 - 2	0.67	107.22	0.67	71.84
RAA4-C29	1158	7,318	1 - 2	0.13	271.03	0.13	35.23
RAA4-C30S	1354	6,528	1 - 2	0.88	241.77	0.88	212.76
RAA4-C31	1147	8,782	1 - 2	10.315	325.28	10.32	3,355.22
RAA4-C33	1145	3,664	1 - 2	10.3	135.70	10.30	1,397.67
RAA4-C33S	1337	4,401	1 - 2	3.8	163.00	3.80	619.42
RAA4-C34	1132,1482	3,667	1 - 2	1.35	135.82	1.35	183.36
RAA4-C35	1127	6,207	1 - 2	7.925	229.90	7.93	1,821.96
RAA4-D19	1203	5,963	1 - 2	0.02	220.87	0.02	4.42
RAA4-D21	1201A	7,143	1 - 2	0.0195	264.54	0.02	5.16
RAA4-D21N	1201	2,876	1 - 2	0.037	106.52	0.04	3.94
RAA4-D23	1165	9,341	1 - 2	0.0185	345.95	0.02	6.40
RAA4-D25	1208	7,442	1 - 2	0.014	275.63	0.01	3.86
RAA4-D26	1352A	4,531	1 - 2	0.088	167.82	0.09	14.77
RAA4-D26S	1352	4,009	1 - 2	19	148.49	19.00	2,821.35
RAA4-D27	1219	6,479	1 - 2	0.875	239.94	0.88	209.95
RAA4-D31	1148	3,855	1 - 2	1.325	142.78	1.33	189.18
RAA4-D33	1144	5,913	1 - 2	7.655	218.99	7.66	1,676.37
RAA4-D34	1133	6,571	1 - 2	9.2	243.38	9.20	2,239.14
RAA4-D36	1119	9,295	1 - 2	21	344.27	21.00	7,229.75
RAA4-E15	1167	4,047	1 - 2	0.027	149.89	0.03	4.05
RAA4-E15N	1167A	1,302	1 - 2	0.53	48.22	0.53	25.56
RAA4-E16	1339	4,033	1 - 2	0.0385	149.39	0.04	5.75
RAA4-E17N	1264A	3,515	1 - 2	0.62	130.17	0.62	80.70
RAA4-E19	1204	8,451	1 - 2	1.37	312.99	1.37	428.79
RAA4-E21	1205	7,649	1 - 2	0.0195	283.28	0.02	5.52
RAA4-E22	1330	4,894	1 - 2	7.4	181.27	7.40	1,341.39
RAA4-E23	1206	8,572	1 - 2	23	317.50	23.00	7,302.41
RAA4-E27	1220	7,253	1 - 2	770	268.64	770.00	206,851.66
RAA4-E29	1157	3,908	1 - 2	85	144.75	85.00	12,303.75
RAA4-E30S	1353	6,930	1 - 2	43	256.67	43.00	11,036.70
RAA4-E33	1143	8,407	1 - 2	34	311.38	34.00	10,586.92
RAA4-E35	1126	8,704	1 - 2	49	322.35	49.00	15,795.31
RAA4-E36	1120	4,898	1 - 2	26	181.40	26.00	4,716.52
RAA4-E38	1439	1,441	1 - 2	0.209	53.37	0.21	11.15
RAA4-E39	1438	125	1 - 2	0.64	4.65	0.64	2.97
RAA4-F16	1340	4,739	1 - 2	0.0435	175.50	0.04	7.63
RAA4-F18	1341	4,264	1 - 2	0.019	157.92	0.02	3.00
RAA4-F23	1229	5,052	1 - 2	5.5	187.13	5.50	1,029.20
RAA4-F23S	1331	5,990	1 - 2	570	221.83	570.00	126,445.21
RAA4-F25	1225	10,382	1 - 2	520	384.51	520.00	199,947.32
RAA4-F27	1221,1221A,1221B,1221C	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
RAA4-F28	1336	2,044	1 - 2	0.021	75.71	0.02	1.59
RAA4-F28	1336A,1336B,1336C,1336D	2,437	1 - 2	1,900	90.27	1,900.00	171,522.15
RAA4-F29	1156	4,944	1 - 2	162	183.11	162.00	29,663.10
RAA4-F31	1149	8,815	1 - 2	300	326.50	300.00	97,949.33
RAA4-F33	1142	9,935	1 - 2	0.086	367.97	0.09	31.65
RAA4-F34	1134	11,717	1 - 2	0.172	433.98	0.17	74.64
RAA4-F35	1125	7,840	1 - 2	16.4	290.37	16.40	4,762.01
RAA4-G14	1459	4	1 - 2	1.44	0.16	1.44	0.23
RAA4-G18N	1350	9,500	1 - 2	47	351.87	47.00	16,537.72



**TABLE C-11**  
**POST-REMEDIATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 1- TO 6-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**1- TO 2-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume	
RAA4-G20	1332	7,855	1 - 2	20.1	290.91	20.10	5,847.33	
RAA4-G23	1333	9,163	1 - 2	22	339.36	22.00	7,465.94	
RAA4-G27	1200	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.						
RAA4-G27E	1334A	5,341	1 - 2	480	197.82	480.00	94,953.07	
RAA4-G28	1334	5,584	1 - 2	380	206.82	380.00	78,593.29	
RAA4-G31	1150	9,946	1 - 2	0.018	368.39	0.02	6.63	
RAA4-G33	1141	9,946	1 - 2	0.02	368.38	0.02	7.37	
RAA4-G34	1135	5,738	1 - 2	0.0185	212.53	0.02	3.93	
RAA4-G35	1452	369	1 - 2	0.018	13.65	0.02	0.25	
RAA4-H21	1166	6,655	1 - 2	210	246.47	210.00	51,759.17	
RAA4-H24	1199	10,291	1 - 2	57.5	381.14	57.50	21,915.59	
RAA4-H27	1161	7,437	1 - 2	891	275.45	891.00	245,421.66	
RAA4-H27S	1335	6,094	1 - 2	330	225.72	330.00	74,486.74	
RAA4-H28S	1356	7,252	1 - 2	260	268.60	260.00	69,836.39	
RAA4-H29	1155	8,538	1 - 2	645	316.23	645.00	203,970.50	
RAA4-H31	1151	7,562	1 - 2	0.0185	280.06	0.02	5.18	
RAA4-H33	1455	2,436	1 - 2	0.88	90.21	0.88	79.38	
RAA4-I19	1198	10,661	1 - 2	18	394.84	18.00	7,107.20	
RAA4-I23	1164	8,630	1 - 2	173	319.62	173.00	55,294.90	
RAA4-I25	1163	7,748	1 - 2	500	286.98	500.00	143,490.37	
RAA4-I27	1162	5,465	1 - 2	58	202.42	58.00	11,740.34	
RAA4-I31	1152A	289	1 - 2	0.56	10.72	0.56	6.00	
RAA4-K15	1418	1,212	1 - 2	2,000	44.87	2,000.00	89,747.41	
RAA4-K20	1351	8,660	1 - 2	65	320.76	65.00	20,849.14	
RAA4-K23	1228	5,755	1 - 2	330	213.17	330.00	70,344.63	
RAA4-K25	1226	4,856	1 - 2	870	179.85	870.00	156,471.76	
RAA4-K27	1185	2,037	1 - 2	540	75.43	540.00	40,730.60	
RAA4-M19	1413	671	1 - 2	11.1	24.85	11.10	275.79	
RAA4-M21	1411	758	1 - 2	173	28.08	173.00	4,857.26	
RAA4-M23	1410	659	1 - 2	970	24.41	970.00	23,675.90	
RCP-C1	1270	1,343	1 - 2	18	49.74	18.00	895.29	
RCP-C2	1441	54	1 - 2	17	2.01	17.00	34.23	
RCP-C4	1450	2,289	1 - 2	1.2	84.78	1.20	101.73	
TW-SB-1	1291	5,596	1 - 2	6.8	207.25	6.80	1,409.27	
X-4	1246	5,550	1 - 2	0.43	205.55	0.43	88.38	
X-5	1245	8,138	1 - 2	7.5	301.42	7.50	2,260.67	
X-6	1244	4,746	1 - 2	2.2	175.78	2.20	386.72	
X-7	1240	6,879	1 - 2	7.3	254.79	7.30	1,859.95	
X-8	1239	9,237	1 - 2	26	342.12	26.00	8,895.23	
X-9	1237	9,479	1 - 2	6.2	351.09	6.20	2,176.73	
Y-10	1253	5,764	1 - 2	115	213.47	115.00	24,548.84	
X-10	1236	1,277	1 - 2	50	47.30	50.00	2,364.94	
X-12	1243	6,828	1 - 2	471	252.87	471.00	119,103.69	
X-13	1242	5,729	1 - 2	7.65	212.18	7.65	1,623.15	
X-14	1238	4,229	1 - 2	9.5	156.62	9.50	1,487.88	
X-15	1235	9,480	1 - 2	17.4	351.11	17.40	6,109.27	
X-16	1232,2131	5,028	1 - 2	0.07	186.23	0.07	13.04	
X-17	2114	5,587	1 - 2	0.0185	206.92	0.02	3.83	
X-18	1233	3,959	1 - 2	0.025	146.65	0.03	3.67	
X-19	1293	2,233	1 - 2	0.41	82.72	0.41	33.92	
X-20	1294	4,446	1 - 2	1.6	164.65	1.60	263.45	
Y-7	1414	522	1 - 2	38	19.35	38.00	735.36	
Y-8	1251	4,149	1 - 2	218	153.66	218.00	33,497.40	

**TABLE C-11**  
**POST-REMEDATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 1- TO 6-FOOT DEPTH INCREMENT**  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**1- TO 2-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Y-9	1252	6,767	1 - 2	2,420	250.64	2,420.00	606,541.63
Y-12	1255	8,309	1 - 2	119	307.75	119.00	36,621.94
Y-13	1257	11,373	1 - 2	91	421.24	91.00	38,332.40
Y-14	1258	10,082	1 - 2	67	373.42	67.00	25,019.19
Y-15	1259	7,839	1 - 2	152	290.35	152.00	44,133.20
Y-19	1304	8,731	1 - 2	120	323.38	120.00	38,805.29
Y-20	1260	7,195	1 - 2	140	266.47	140.00	37,306.32
Y-21	1460	5,188	1 - 2	0.91	192.14	0.91	174.84
Y-22	1269	4,862	1 - 2	<b>0.0175</b>	180.06	0.02	3.15
Y-23	1262	4,501	1 - 2	0.1	166.70	0.10	16.67
Y-24	1263	8,936	1 - 2	0.58	330.96	0.58	191.96
Y-26	1264	4,734	1 - 2	0.36	175.32	0.36	63.11
<b>Totals:</b>	--	1,010,341	--	--	37,420.02	--	4,154,273.87
<b>Volume-Weighted Average:</b>							<b>111.02</b>

**2- TO 3-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume	
60-1	1307	3,361	2 - 3	22	124.49	22.00	2,738.68	
60-5	1306	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.						
95-02	1272	2,375	2 - 3	0.81	87.94	0.81	71.24	
95-04	1295,1295A	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.						
95-05	1270	6,472	2 - 3	29	239.70	29.00	6,951.22	
95-07	1271	5,193	2 - 3	<b>0.185</b>	192.32	0.19	35.58	
95-08	1251	4,898	2 - 3	5.2	181.40	5.20	943.25	
95-09	2115	7,653	2 - 3	0.31	283.45	0.31	87.87	
95-19	1275	3,457	2 - 3	1.9	128.03	1.90	243.26	
95-26	1250	5,616	2 - 3	11	208.00	11.00	2,287.99	
CRA-1	2090	6,026	2 - 3	1.28	223.18	1.28	285.66	
CRA-2	2091	3,635	2 - 3	1.19	134.65	1.19	160.23	
CRA-3	1494,2096	4,781	2 - 3	<b>0.23</b>	177.08	0.23	40.73	
CRA-4	2095	5,630	2 - 3	0.20	208.50	0.20	41.70	
CRA-5	2094	6,439	2 - 3	0.84	238.48	0.84	200.32	
CRA-6	2093	9,479	2 - 3	0.284	351.07	0.28	99.70	
CRA-7	2092	6,469	2 - 3	0.111	239.58	0.11	26.59	
CRA-8	1495,2097	8,767	2 - 3	1.1	324.69	1.10	357.16	
CRA-9	2098	7,091	2 - 3	5.6	262.64	5.60	1,470.79	
CRA-10	2099	8,438	2 - 3	0.73	312.52	0.73	228.14	
CRA-11	2100	10,012	2 - 3	1.06	370.82	1.06	393.07	
CRA-12	2101	9,513	2 - 3	3.4	352.32	3.40	1,197.90	
CRA-13	2102	7,401	2 - 3	<b>0.023</b>	274.11	0.02	6.30	
CRA-14	1500,2108	8,530	2 - 3	1.81	315.92	1.81	571.81	
CRA-15	1499,2107	9,308	2 - 3	2.3	344.75	2.30	792.93	
CRA-16	1496,2106	8,253	2 - 3	0.89	305.66	0.89	272.04	
CRA-17	1497,2105	9,802	2 - 3	42	363.05	42.00	15,248.30	
CRA-18	1498,2104	8,471	2 - 3	0.32	313.73	0.32	100.39	
CRA-19	1088,2103	3,475	2 - 3	0.38	128.69	0.38	48.90	
CRA-20	2109	2,678	2 - 3	0.058	99.19	0.06	5.75	
CRA-21	2110	3,437	2 - 3	<b>0.0235</b>	127.28	0.02	2.99	
CRA-22	2111	2,166	2 - 3	0.95	80.21	0.95	76.20	
E2SC-05	1217,2132	5,426	2 - 3	0.29	200.97	0.29	58.28	
E2SC-06	1262	4,931	2 - 3	0.072	182.64	0.07	13.15	
E2SC-07	1291	3,038	2 - 3	0.28	112.52	0.28	31.51	
E2SC-13	1414	549	2 - 3	<b>0.018</b>	20.32	0.02	0.37	
E2SC-14	1216,2134	5,296	2 - 3	<b>0.0185</b>	196.15	0.02	3.63	
E2SC-25	1277	8,070	2 - 3	<b>0.085</b>	298.90	0.09	25.41	

**TABLE C-11**  
**POST-REMEDIATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 1- TO 6-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**2- TO 3-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
ES2-5	1268	4,460	2 - 3	0.025	165.19	0.03	4.13
RAA4-2	1091	7,862	2 - 3	0.11	291.19	0.11	32.03
RAA4-4	1092	9,018	2 - 3	1.4	334.01	1.40	467.62
RAA4-14	1089,2135,2136	3,434	2 - 3	0.02125	127.17	0.02	2.70
RAA4-15	2117	1,165	2 - 3	0.076	43.14	0.08	3.28
RAA4-16	1093	4,293	2 - 3	0.55	158.99	0.55	87.45
RAA4-16NW	1093A	5,183	2 - 3	18	191.98	18.00	3,455.62
RAA4-17	1094	4,115	2 - 3	0.03	152.39	0.03	4.57
RAA4-18	1095,2133	5,342	2 - 3	1.08	197.86	1.08	213.69
RAA4-19	1096	4,901	2 - 3	0.018	181.51	0.02	3.27
RAA4-20	1097	6,747	2 - 3	0.0195	249.89	0.02	4.87
RAA4-21	1098,2128	4,524	2 - 3	0.199	167.55	0.20	33.34
RAA4-22	2112	736	2 - 3	0.019	27.24	0.02	0.52
RAA4-23	1087,2116	1,503	2 - 3	0.058	55.67	0.06	3.23
RAA4-A33	1208	4,723	2 - 3	0.89	174.94	0.89	155.69
RAA4-A34	1116	3,840	2 - 3	1.79	142.22	1.79	254.57
RAA4-A35	1115	4,345	2 - 3	0.57	160.91	0.57	91.72
RAA4-A37	1210,2130	4,194	2 - 3	1.2	155.32	1.20	186.39
RAA4-B29	1145	5,974	2 - 3	1.3	221.25	1.30	287.62
RAA4-B31	1132	8,495	2 - 3	0.04	314.63	0.04	12.59
RAA4-B33E	1336	8,259	2 - 3	0.46	305.88	0.46	140.70
RAA4-B34	1117	7,774	2 - 3	0.105	287.94	0.11	30.23
RAA4-B35	1114	5,427	2 - 3	0.385	201.01	0.39	77.39
RAA4-C23	1193	4,528	2 - 3	0.0225	167.71	0.02	3.77
RAA4-C25	1188	5,657	2 - 3	0.044	209.50	0.04	9.22
RAA4-C25N	1188A	1,043	2 - 3	0.02	38.65	0.02	0.77
RAA4-C27	1146	7,047	2 - 3	0.73	261.01	0.73	190.53
RAA4-C27N	1146A	2,895	2 - 3	0.67	107.22	0.67	71.84
RAA4-C29	1144	7,318	2 - 3	0.13	271.03	0.13	35.23
RAA4-C30S	1333	7,603	2 - 3	0.88	281.59	0.88	247.80
RAA4-C31	1133	8,782	2 - 3	10.315	325.28	10.32	3,355.22
RAA4-C33	1131	3,664	2 - 3	10.3	135.70	10.30	1,397.67
RAA4-C33S	1316	4,401	2 - 3	3.8	163.00	3.80	619.42
RAA4-C34	1118,1461	3,667	2 - 3	1.35	135.82	1.35	183.36
RAA4-C35	1113	6,207	2 - 3	7.925	229.90	7.93	1,821.96
RAA4-D19	1189	5,963	2 - 3	0.02	220.87	0.02	4.42
RAA4-D21	1187	7,143	2 - 3	0.0195	264.54	0.02	5.16
RAA4-D21N	1187A	2,876	2 - 3	0.037	106.52	0.04	3.94
RAA4-D23	1151	9,341	2 - 3	0.0185	345.95	0.02	6.40
RAA4-D25	1194	7,442	2 - 3	0.014	275.63	0.01	3.86
RAA4-D26	1331A	4,531	2 - 3	0.088	167.82	0.09	14.77
RAA4-D26S	1331	4,009	2 - 3	19	148.49	19.00	2,821.35
RAA4-D27	1205	6,479	2 - 3	0.875	239.94	0.88	209.95
RAA4-D31	1134	6,807	2 - 3	1.325	252.10	1.33	334.04
RAA4-D33	1130	5,913	2 - 3	7.655	218.99	7.66	1,676.37
RAA4-D34	1119	6,571	2 - 3	9.2	243.38	9.20	2,239.14
RAA4-D36	1105	9,299	2 - 3	21	344.40	21.00	7,232.35
RAA4-E15	1153	4,047	2 - 3	0.027	149.89	0.03	4.05
RAA4-E15N	1153A	1,302	2 - 3	0.53	48.22	0.53	25.56
RAA4-E16	1318	4,033	2 - 3	0.0385	149.39	0.04	5.75
RAA4-E17N	1249A	3,515	2 - 3	0.62	130.17	0.62	80.70
RAA4-E19	1190	8,451	2 - 3	1.37	312.99	1.37	428.79
RAA4-E21	1191	7,649	2 - 3	0.0195	283.28	0.02	5.52
RAA4-E22	1309	4,894	2 - 3	7.4	181.27	7.40	1,341.39
RAA4-E23	1192	8,572	2 - 3	23	317.50	23.00	7,302.41
RAA4-E27	1206	7,253	2 - 3	770	268.64	770.00	206,851.66
RAA4-E29	1143	3,932	2 - 3	85	145.61	85.00	12,377.07
RAA4-E30S	1332	6,968	2 - 3	43	258.07	43.00	11,096.82

**TABLE C-11**  
**POST-REMEDIATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 1- TO 6-FOOT DEPTH INCREMENT**  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**2- TO 3-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-E33	1129	8,407	2 - 3	34	311.38	34.00	10,586.92
RAA4-E35	1112	8,798	2 - 3	49	325.84	49.00	15,966.03
RAA4-E36	1106	6,178	2 - 3	26	228.83	26.00	5,949.53
RAA4-E38	1419	1,441	2 - 3	0.209	53.37	0.21	11.15
RAA4-E39	1418	125	2 - 3	0.64	4.65	0.64	2.97
RAA4-F16	1319	4,739	2 - 3	<b>0.0435</b>	175.50	0.04	7.63
RAA4-F18	1320	4,264	2 - 3	<b>0.019</b>	157.92	0.02	3.00
RAA4-F23	1215	5,052	2 - 3	5.5	187.13	5.50	1,029.20
RAA4-F23S	1310	5,551	2 - 3	570	205.58	570.00	117,178.91
RAA4-F25	1211	7,155	2 - 3	520	265.01	520.00	137,804.43
RAA4-F27	1207,1207A,1207B,1207C	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
RAA4-F28	1315	2,044	2 - 3	<b>0.021</b>	75.71	0.02	1.59
RAA4-F28	1315A,1315B,1315C,1315D	2,437	2 - 3	1,900	90.28	1,900.00	171,524.26
RAA4-F29	1142	4,944	2 - 3	162	183.11	162.00	29,663.10
RAA4-F31	1135	8,815	2 - 3	300	326.50	300.00	97,949.33
RAA4-F33	1128	9,935	2 - 3	0.086	367.97	0.09	31.65
RAA4-F34	1120	11,717	2 - 3	0.172	433.98	0.17	74.64
RAA4-F35	1111	8,424	2 - 3	16.4	311.99	16.40	5,116.61
RAA4-F36	1428	1,375	2 - 3	<b>0.0185</b>	50.94	0.02	0.94
RAA4-G18N	1329	8,335	2 - 3	47	308.70	47.00	14,508.90
RAA4-G20	1311	7,855	2 - 3	20.1	290.91	20.10	5,847.33
RAA4-G23	1312	8,441	2 - 3	22	312.62	22.00	6,877.63
RAA4-G27	1186	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
RAA4-G27E	1250A	5,341	2 - 3	480	197.82	480.00	94,953.07
RAA4-G28	1313	5,584	2 - 3	380	206.82	380.00	78,593.29
RAA4-G31	1136	9,946	2 - 3	<b>0.018</b>	368.39	0.02	6.63
RAA4-G33	1127	9,946	2 - 3	0.02	368.38	0.02	7.37
RAA4-G34	1121	5,738	2 - 3	<b>0.0185</b>	212.53	0.02	3.93
RAA4-G35	1430	369	2 - 3	<b>0.018</b>	13.65	0.02	0.25
RAA4-H21	1152	6,655	2 - 3	210	246.47	210.00	51,759.17
RAA4-H24	1185	10,291	2 - 3	57.5	381.14	57.50	21,915.59
RAA4-H27	1147	7,437	2 - 3	891	275.45	891.00	245,421.66
RAA4-H27S	1314	6,094	2 - 3	330	225.72	330.00	74,486.74
RAA4-H28S	1335	5,618	2 - 3	260	208.08	260.00	54,100.03
RAA4-H29	1141	7,928	2 - 3	645	293.64	645.00	189,399.95
RAA4-H31	1137	7,561	2 - 3	<b>0.0185</b>	280.06	0.02	5.18
RAA4-H33	1433	2,436	2 - 3	0.88	90.21	0.88	79.38
RAA4-I19	1184	9,580	2 - 3	18	354.82	18.00	6,386.69
RAA4-I23	1150	8,630	2 - 3	173	319.62	173.00	55,294.90
RAA4-I25	1149	7,748	2 - 3	500	286.98	500.00	143,490.37
RAA4-I27	1148	5,426	2 - 3	58	200.98	58.00	11,656.82
RAA4-I31	1435	198	2 - 3	0.56	7.33	0.56	4.11
RAA4-K15	1398	1,212	2 - 3	2,000	44.87	2,000.00	89,747.41
RAA4-K20	1330	8,660	2 - 3	65	320.76	65.00	20,849.14
RAA4-K23	1214	5,755	2 - 3	330	213.17	330.00	70,344.63
RAA4-K25	1212	4,856	2 - 3	870	179.85	870.00	156,471.76
RAA4-K27	1171	2,037	2 - 3	540	75.43	540.00	40,730.60
RAA4-M19	1393	671	2 - 3	11.1	24.85	11.10	275.79
RAA4-M21	1391	758	2 - 3	173	28.08	173.00	4,857.26
RAA4-M23	1390	659	2 - 3	970	24.41	970.00	23,675.90
TW-SB-1	1276	5,596	2 - 3	<b>0.375</b>	207.25	0.38	77.72
X-4	1231	5,550	2 - 3	100	205.55	100.00	20,554.52
X-5	1230	8,138	2 - 3	280	301.42	280.00	84,398.33
X-6	1229	4,746	2 - 3	77	175.78	77.00	13,535.17
X-7	1226	7,305	2 - 3	27	270.55	27.00	7,304.77
X-8	1225	9,237	2 - 3	16.9	342.12	16.90	5,781.90
X-9	1223	9,479	2 - 3	0.51	351.09	0.51	179.05

**TABLE C-11**  
**POST-REMEDATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 1- TO 6-FOOT DEPTH INCREMENT**  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**2- TO 3-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
X-10	1222	1,559	2 - 3	105.5	57.76	105.50	6,093.56
X-12	1228	8,029	2 - 3	40	297.35	40.00	11,894.07
X-14	1224	4,229	2 - 3	1.5	156.62	1.50	234.93
X-15	1221	9,480	2 - 3	3.4	351.11	3.40	1,193.77
X-16	1218,2131	5,028	2 - 3	0.6	186.23	0.60	111.74
X-17	2114	5,587	2 - 3	<b>0.0185</b>	206.92	0.02	3.83
X-18	1219	3,959	2 - 3	<b>0.025</b>	146.65	0.03	3.67
X-19	1278	2,233	2 - 3	0.46	82.72	0.46	38.05
X-20	1279	4,446	2 - 3	<b>0.025</b>	164.65	0.03	4.12
Y-7	1394	522	2 - 3	1.62	19.35	1.62	31.35
Y-8	1236	4,149	2 - 3	9.8	153.66	9.80	1,505.85
Y-9	1237	6,767	2 - 3	54	250.64	54.00	13,534.40
Y-10	1238	5,764	2 - 3	38.2	213.47	38.20	8,154.48
Y-12	1240	8,309	2 - 3	39	307.75	39.00	12,002.15
Y-13	1242	11,345	2 - 3	1.4	420.19	1.40	588.26
Y-14	1243	10,082	2 - 3	270	373.42	270.00	100,823.60
Y-15	1244	7,839	2 - 3	37.65	290.35	37.65	10,931.68
Y-17	1284	4,547	2 - 3	6.3	168.39	6.30	1,060.87
Y-18	1286	10,995	2 - 3	10.1	407.23	10.10	4,113.02
Y-19	1285	8,197	2 - 3	0.86	303.58	0.86	261.08
Y-20	1245	7,194	2 - 3	30	266.46	30.00	7,993.83
Y-21	1439	3,733	2 - 3	1.1	138.27	1.10	152.10
Y-22	1254	4,862	2 - 3	<b>0.025</b>	180.06	0.03	4.50
Y-23	1247	4,501	2 - 3	0.2575	166.70	0.26	42.93
Y-24	1248	8,936	2 - 3	2.7	330.96	2.70	893.60
Y-26	1249	4,734	2 - 3	0.365	175.32	0.37	63.99
<b>Totals:</b>	--	1,012,495	--	--	37,499.83	--	2,670,900.81
<b>Volume-Weighted Average:</b>							<b>71.22</b>

**3- TO 4-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
60-1	1298	3,361	3 - 4	22	124.49	22.00	2,738.68
60-5	1297	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
95-02	1271	2,375	3 - 4	0.81	87.94	0.81	71.24
95-04	1294,1294A	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
95-05	1269	6,470	3 - 4	29	239.62	29.00	6,948.93
95-07	1270	5,193	3 - 4	<b>0.185</b>	192.32	0.19	35.58
95-08	1250	4,898	3 - 4	5.2	181.40	5.20	943.25
95-09	1329	7,653	3 - 4	<b>0.021</b>	283.45	0.02	5.95
95-19	1274	3,457	3 - 4	1.9	128.03	1.90	243.26
95-26	1249	5,616	3 - 4	11	208.00	11.00	2,287.99
CRA-1	1068	6,026	3 - 4	<b>0.021</b>	223.18	0.02	4.69
CRA-2	1069	3,635	3 - 4	<b>0.0235</b>	134.65	0.02	3.16
CRA-3	1074,1463	4,781	3 - 4	<b>0.135</b>	177.08	0.14	23.91
CRA-4	1073	5,630	3 - 4	0.44	208.50	0.44	91.74
CRA-5	1072	6,439	3 - 4	<b>0.022</b>	238.48	0.02	5.25
CRA-6	1071	9,479	3 - 4	<b>0.0245</b>	351.07	0.02	8.60
CRA-7	1070	6,469	3 - 4	<b>0.026</b>	239.58	0.03	6.23
CRA-8	1075,1462	8,767	3 - 4	<b>0.02</b>	324.69	0.02	6.49
CRA-9	1076	7,091	3 - 4	0.029	262.64	0.03	7.62
CRA-10	1077	8,438	3 - 4	<b>0.022</b>	312.52	0.02	6.88
CRA-11	1078	10,012	3 - 4	<b>0.0205</b>	370.82	0.02	7.60
CRA-12	1079	9,513	3 - 4	2.72	352.32	2.72	958.32
CRA-13	1080	7,401	3 - 4	<b>0.023</b>	274.11	0.02	6.30

**TABLE C-11**  
**POST-REMEDICATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 1- TO 6-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**3- TO 4-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
CRA-14	1086,1460	8,530	3 - 4	0.021	315.92	0.02	6.63
CRA-15	1085,1457	9,308	3 - 4	0.0235	344.75	0.02	8.10
CRA-16	1084,1455	8,253	3 - 4	1.14	305.66	1.14	348.45
CRA-17	1083,1454	9,802	3 - 4	0.021	363.05	0.02	7.62
CRA-18	1082,1453	9,652	3 - 4	0.0215	357.49	0.02	7.69
CRA-19	1081,1330	4,789	3 - 4	0.021	177.36	0.02	3.72
CRA-20	1087	2,678	3 - 4	0.35	99.19	0.35	34.72
CRA-21	1088	3,437	3 - 4	0.205	127.28	0.21	26.09
CRA-22	1089	2,166	3 - 4	0.024	80.21	0.02	1.92
E2SC-05	1216,1459	5,426	3 - 4	0.29	200.97	0.29	58.28
E2SC-06	1261	4,931	3 - 4	0.072	182.64	0.07	13.15
E2SC-07	1290	3,038	3 - 4	0.28	112.52	0.28	31.51
E2SC-13	1403	549	3 - 4	0.018	20.32	0.02	0.37
E2SC-14	1215,1456	5,296	3 - 4	0.0185	196.15	0.02	3.63
E2SC-25	1276	8,070	3 - 4	0.085	298.90	0.09	25.41
ES2-5	1267	4,460	3 - 4	0.025	165.19	0.03	4.13
RAA4-2	1090	7,862	3 - 4	0.11	291.19	0.11	32.03
RAA4-4	1091	9,018	3 - 4	1.4	334.01	1.40	467.62
RAA4-16	1092	4,293	3 - 4	0.55	158.99	0.55	87.45
RAA4-16NW	1092A	5,183	3 - 4	18	191.98	18.00	3,455.62
RAA4-17	1093	4,115	3 - 4	0.03	152.39	0.03	4.57
RAA4-18	1094,1458	5,342	3 - 4	1.08	197.86	1.08	213.69
RAA4-19	1095	4,901	3 - 4	0.018	181.51	0.02	3.27
RAA4-20	1096	6,747	3 - 4	0.0195	249.89	0.02	4.87
RAA4-21	1097,1097A	5,702	3 - 4	0.2	211.17	0.20	42.23
RAA4-22	1098,1098A	3,164	3 - 4	0.0205	117.18	0.02	2.40
RAA4-A33	1207	4,723	3 - 4	0.89	174.94	0.89	155.69
RAA4-A34	1115	3,840	3 - 4	1.79	142.22	1.79	254.57
RAA4-A35	1114	4,345	3 - 4	0.57	160.91	0.57	91.72
RAA4-A37	1209,1464	4,194	3 - 4	1.2	155.32	1.20	186.39
RAA4-B29	1144	5,974	3 - 4	1.3	221.25	1.30	287.62
RAA4-B31	1131	8,495	3 - 4	0.04	314.63	0.04	12.59
RAA4-B33E	1326	8,259	3 - 4	0.46	305.88	0.46	140.70
RAA4-B34	1116	7,774	3 - 4	0.105	287.94	0.11	30.23
RAA4-B35	1113	5,427	3 - 4	0.385	201.01	0.39	77.39
RAA4-C23	1192	4,528	3 - 4	0.0225	167.71	0.02	3.77
RAA4-C25	1187	5,657	3 - 4	0.044	209.50	0.04	9.22
RAA4-C25N	1187A	1,043	3 - 4	0.02	38.65	0.02	0.77
RAA4-C27	1145	7,047	3 - 4	0.73	261.01	0.73	190.53
RAA4-C27N	1145A	2,895	3 - 4	0.67	107.22	0.67	71.84
RAA4-C29	1143	7,318	3 - 4	0.13	271.03	0.13	35.23
RAA4-C30S	1323	7,603	3 - 4	0.88	281.59	0.88	247.80
RAA4-C31	1132	8,782	3 - 4	10.315	325.28	10.32	3,355.22
RAA4-C33	1130	3,664	3 - 4	10.3	135.70	10.30	1,397.67
RAA4-C33S	1306	4,401	3 - 4	3.8	163.00	3.80	619.42
RAA4-C34	1117,1450	3,667	3 - 4	1.35	135.82	1.35	183.36
RAA4-C35	1112	6,207	3 - 4	7.925	229.90	7.93	1,821.96
RAA4-D19	1188	5,963	3 - 4	0.02	220.87	0.02	4.42
RAA4-D21	1186	7,143	3 - 4	0.0195	264.54	0.02	5.16
RAA4-D21N	1186A	2,876	3 - 4	0.037	106.52	0.04	3.94
RAA4-D23	1150	9,341	3 - 4	0.0185	345.95	0.02	6.40
RAA4-D25	1193	7,442	3 - 4	0.014	275.63	0.01	3.86
RAA4-D26	1321A	4,531	3 - 4	0.088	167.82	0.09	14.77
RAA4-D26S	1321	4,009	3 - 4	19	148.49	19.00	2,821.35
RAA4-D27	1204	6,479	3 - 4	0.875	239.94	0.88	209.95
RAA4-D31	1133	6,807	3 - 4	1.325	252.10	1.33	334.04
RAA4-D33	1129	5,913	3 - 4	7.655	218.99	7.66	1,676.37
RAA4-D34	1118	6,571	3 - 4	9.2	243.38	9.20	2,239.14

**TABLE C-11**  
**POST-REMEDIATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 1- TO 6-FOOT DEPTH INCREMENT**  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**3- TO 4-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-D36	1104	9,299	3 - 4	21	344.40	21.00	7,232.35
RAA4-E15	1152	4,047	3 - 4	0.027	149.89	0.03	4.05
RAA4-E15N	1308A	1,302	3 - 4	0.53	48.22	0.53	25.56
RAA4-E16	1308	4,033	3 - 4	0.0385	149.39	0.04	5.75
RAA4-E17N	1248A	3,515	3 - 4	0.62	130.17	0.62	80.70
RAA4-E19	1189	8,451	3 - 4	1.37	312.99	1.37	428.79
RAA4-E21	1190	7,649	3 - 4	<b>0.0195</b>	283.28	0.02	5.52
RAA4-E22	1300	4,894	3 - 4	7.4	181.27	7.40	1,341.39
RAA4-E23	1191	8,572	3 - 4	23	317.50	23.00	7,302.41
RAA4-E27	1205	7,253	3 - 4	770	268.64	770.00	206,851.66
RAA4-E29	1142	3,932	3 - 4	85	145.61	85.00	12,377.07
RAA4-E30S	1322	6,968	3 - 4	43	258.07	43.00	11,096.82
RAA4-E33	1128	8,407	3 - 4	34	311.38	34.00	10,586.92
RAA4-E35	1111	8,798	3 - 4	49	325.84	49.00	15,966.03
RAA4-E36	1105	6,178	3 - 4	26	228.83	26.00	5,949.53
RAA4-E38	1408	1,441	3 - 4	0.209	53.37	0.21	11.15
RAA4-E39	1407	125	3 - 4	0.64	4.65	0.64	2.97
RAA4-F16	1309	4,739	3 - 4	<b>0.0435</b>	175.50	0.04	7.63
RAA4-F18	1310	4,264	3 - 4	<b>0.019</b>	157.92	0.02	3.00
RAA4-F23	1214	5,052	3 - 4	5.5	187.13	5.50	1,029.20
RAA4-F23S	1301	5,550	3 - 4	570	205.54	570.00	117,158.22
RAA4-F25	1210	7,155	3 - 4	520	265.01	520.00	137,804.43
RAA4-F27	1206,1206A,1206B,1206C	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
RAA4-F28	1305	2,044	3 - 4	<b>0.021</b>	75.71	0.02	1.59
RAA4-F28	1305A,1305B,1305C,1305D	2,437	3 - 4	1,900	90.28	1,900.00	171,524.26
RAA4-F29	1141	4,944	3 - 4	162	183.11	162.00	29,663.10
RAA4-F31	1134	8,815	3 - 4	300	326.50	300.00	97,949.33
RAA4-F33	1127	9,935	3 - 4	0.086	367.97	0.09	31.65
RAA4-F34	1119	11,717	3 - 4	0.172	433.98	0.17	74.64
RAA4-F35	1110	8,424	3 - 4	16.4	311.99	16.40	5,116.61
RAA4-F36	1417	1,375	3 - 4	<b>0.0185</b>	50.94	0.02	0.94
RAA4-G18N	1319	8,335	3 - 4	47	308.70	47.00	14,508.90
RAA4-G20	1302	7,855	3 - 4	20.1	290.91	20.10	5,847.33
RAA4-G23	1301A	8,441	3 - 4	278	312.62	278.00	86,909.18
RAA4-G27	1185	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
RAA4-G27E	1303A	5,341	3 - 4	480	197.82	480.00	94,953.07
RAA4-G28	1303	5,584	3 - 4	380	206.82	380.00	78,593.29
RAA4-G31	1135	9,946	3 - 4	<b>0.018</b>	368.39	0.02	6.63
RAA4-G33	1126	9,946	3 - 4	0.02	368.38	0.02	7.37
RAA4-G34	1120	5,738	3 - 4	<b>0.0185</b>	212.53	0.02	3.93
RAA4-G35	1419	369	3 - 4	<b>0.018</b>	13.65	0.02	0.25
RAA4-H21	1151	6,655	3 - 4	210	246.47	210.00	51,759.17
RAA4-H24	1184	10,291	3 - 4	57.5	381.16	57.50	21,916.42
RAA4-H27	1146	7,437	3 - 4	891	275.44	891.00	245,421.33
RAA4-H27S	1304	6,094	3 - 4	330	225.72	330.00	74,486.74
RAA4-H28S	1325	5,618	3 - 4	260	208.08	260.00	54,100.03
RAA4-H29	1140	7,928	3 - 4	645	293.64	645.00	189,399.95
RAA4-H31	1136	7,561	3 - 4	<b>0.0185</b>	280.06	0.02	5.18
RAA4-H33	1422	2,436	3 - 4	0.88	90.21	0.88	79.38
RAA4-I19	1183	9,580	3 - 4	18	354.82	18.00	6,386.69
RAA4-I23	1149	8,630	3 - 4	173	319.62	173.00	55,294.90
RAA4-I25	1148	7,748	3 - 4	500	286.98	500.00	143,490.37
RAA4-I27	1147	5,426	3 - 4	58	200.98	58.00	11,656.82
RAA4-I31	1424	198	3 - 4	0.56	7.33	0.56	4.11
RAA4-K15	1388	1,212	3 - 4	2,000	44.87	2,000.00	89,747.41
RAA4-K20	1320	8,660	3 - 4	65	320.76	65.00	20,849.14
RAA4-K23	1213	5,755	3 - 4	330	213.17	330.00	70,344.63

**TABLE C-11**  
**POST-REMEDATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 1- TO 6-FOOT DEPTH INCREMENT**  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**3- TO 4-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-K25	1211	4,856	3 - 4	870	179.85	870.00	156,471.76
RAA4-K27	1170	2,037	3 - 4	1,100	75.43	1,100.00	82,969.74
RAA4-M19	1383	671	3 - 4	30	24.85	30.00	745.39
RAA4-M21	1381	758	3 - 4	44	28.08	44.00	1,235.37
RAA4-M23	1380	659	3 - 4	110	24.41	110.00	2,684.90
TW-SB-1	1275	5,596	3 - 4	<b>0.375</b>	207.25	0.38	77.72
X-4	1230	5,550	3 - 4	100	205.55	100.00	20,554.52
X-5	1229	8,138	3 - 4	280	301.42	280.00	84,398.33
X-6	1228	4,746	3 - 4	77	175.78	77.00	13,535.17
X-7	1225	7,305	3 - 4	27	270.55	27.00	7,304.77
X-8	1224	9,237	3 - 4	16.9	342.12	16.90	5,781.90
X-9	1222	9,479	3 - 4	0.51	351.09	0.51	179.05
X-10	1221	1,559	3 - 4	105.5	57.76	105.50	6,093.56
X-12	1227	8,029	3 - 4	40	297.35	40.00	11,894.07
X-14	1223	4,229	3 - 4	1.5	156.62	1.50	234.93
X-15	1220	9,480	3 - 4	3.4	351.11	3.40	1,193.77
X-16	1217,1461	5,028	3 - 4	0.6	186.23	0.60	111.74
X-17	1328	5,587	3 - 4	0.16	206.92	0.16	33.11
X-18	1218	3,959	3 - 4	<b>0.025</b>	146.65	0.03	3.67
X-19	1277	2,233	3 - 4	0.46	82.72	0.46	38.05
X-20	1278	4,446	3 - 4	<b>0.025</b>	164.65	0.03	4.12
Y-7	1384	522	3 - 4	1.62	19.35	1.62	31.35
Y-8	1235	4,149	3 - 4	9.8	153.66	9.80	1,505.85
Y-9	1236	6,767	3 - 4	54	250.64	54.00	13,534.40
Y-10	1237	5,764	3 - 4	38.2	213.47	38.20	8,154.48
Y-12	1239	8,309	3 - 4	39	307.75	39.00	12,002.15
Y-13	1241	11,345	3 - 4	1.4	420.19	1.40	588.26
Y-14	1242	10,082	3 - 4	270	373.42	270.00	100,823.60
Y-15	1243	7,840	3 - 4	<b>37.65</b>	290.37	37.65	10,932.28
Y-17	1283	4,547	3 - 4	6.3	168.39	6.30	1,060.87
Y-18	1285	10,995	3 - 4	10.1	407.23	10.10	4,113.02
Y-19	1284	8,197	3 - 4	0.86	303.58	0.86	261.08
Y-20	1244	7,198	3 - 4	30	266.59	30.00	7,997.58
Y-21	1428	3,733	3 - 4	1.1	138.27	1.10	152.10
Y-22	1253	4,862	3 - 4	<b>0.025</b>	180.06	0.03	4.50
Y-23	1246	4,501	3 - 4	0.2575	166.70	0.26	42.93
Y-24	1247	8,936	3 - 4	2.7	330.96	2.70	893.60
Y-26	1248	4,734	3 - 4	<b>0.365</b>	175.32	0.37	63.99
<b>Totals:</b>	--	1,012,496	--	--	37,499.87	--	2,748,913.09
<b>Volume-Weighted Average:</b>							<b>73.30</b>

**4- TO 5-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
60-1	1281	3,347	4 - 5	22	123.95	22.00	2,726.91
60-5	1280	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
95-02	1256	2,375	4 - 5	0.14	87.94	0.14	12.31
95-05	1254	6,762	4 - 5	140	250.44	140.00	35,061.65
95-07	1255	5,193	4 - 5	13	192.32	13.00	2,500.14
95-08	1235	5,790	4 - 5	<b>0.036</b>	214.43	0.04	7.72
95-09	1313	7,653	4 - 5	<b>0.021</b>	283.45	0.02	5.95
95-19	1259	6,846	4 - 5	0.66	253.54	0.66	167.34
95-26	1234	5,616	4 - 5	5.4	208.00	5.40	1,123.20
CRA-1	1054	6,026	4 - 5	<b>0.021</b>	223.18	0.02	4.69
CRA-2	1055	3,635	4 - 5	<b>0.0235</b>	134.65	0.02	3.16
CRA-3	1060,1446	4,781	4 - 5	<b>0.135</b>	177.08	0.14	23.91



**TABLE C-11**  
**POST-REMIEDIATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 1- TO 6-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**4- TO 5-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
CRA-4	1059	5,630	4 - 5	0.44	208.50	0.44	91.74
CRA-5	1058	6,439	4 - 5	0.022	238.48	0.02	5.25
CRA-6	1057	9,479	4 - 5	0.0245	351.07	0.02	8.60
CRA-7	1056	6,469	4 - 5	0.026	239.58	0.03	6.23
CRA-8	1061,1445	8,767	4 - 5	0.02	324.69	0.02	6.49
CRA-9	1062	7,091	4 - 5	0.029	262.64	0.03	7.62
CRA-10	1063	8,438	4 - 5	0.022	312.52	0.02	6.88
CRA-11	1064	10,012	4 - 5	0.0205	370.82	0.02	7.60
CRA-12	1065	9,513	4 - 5	2.72	352.32	2.72	958.32
CRA-13	1066	7,401	4 - 5	0.023	274.11	0.02	6.30
CRA-14	1072,1443	8,530	4 - 5	0.021	315.92	0.02	6.63
CRA-15	1071,1440	9,308	4 - 5	0.0235	344.75	0.02	8.10
CRA-16	1070,1438	8,253	4 - 5	1.14	305.66	1.14	348.45
CRA-17	1069,1437	9,802	4 - 5	0.021	363.05	0.02	7.62
CRA-18	1068,1436	9,652	4 - 5	0.0215	357.49	0.02	7.69
CRA-19	1067,1315	4,789	4 - 5	0.021	177.36	0.02	3.72
CRA-20	1073	2,678	4 - 5	0.35	99.19	0.35	34.72
CRA-21	1074	3,437	4 - 5	0.205	127.28	0.21	26.09
CRA-22	1314	2,166	4 - 5	0.024	80.21	0.02	1.92
E2SC-05	1201,1442	5,426	4 - 5	0.29	200.97	0.29	58.28
E2SC-06	1246	4,931	4 - 5	0.072	182.64	0.07	13.15
E2SC-07	1274	3,038	4 - 5	0.28	112.52	0.28	31.51
E2SC-13	1388	549	4 - 5	0.018	20.32	0.02	0.37
E2SC-14	1200,1439	5,296	4 - 5	0.0185	196.15	0.02	3.63
E2SC-25	1261	8,070	4 - 5	0.085	298.90	0.09	25.41
ES2-5	1252	12,274	4 - 5	1.83	454.61	1.83	831.93
RAA4-2	1075	7,862	4 - 5	0.11	291.19	0.11	32.03
RAA4-4	1076	9,018	4 - 5	1.4	334.01	1.40	467.62
RAA4-16	1077	4,293	4 - 5	0.55	158.99	0.55	87.45
RAA4-16NW	1077A	5,183	4 - 5	18	191.98	18.00	3,455.62
RAA4-17	1078	4,115	4 - 5	0.03	152.39	0.03	4.57
RAA4-18	1079,1441	5,342	4 - 5	1.08	197.86	1.08	213.69
RAA4-19	1080	4,901	4 - 5	0.018	181.51	0.02	3.27
RAA4-20	1081	6,747	4 - 5	0.0195	249.89	0.02	4.87
RAA4-21	1082,1082A	5,702	4 - 5	0.2	211.17	0.20	42.23
RAA4-22	1083,1083A	3,164	4 - 5	0.0205	117.18	0.02	2.40
RAA4-A33	1192	4,723	4 - 5	0.89	174.94	0.89	155.69
RAA4-A34	1100	3,840	4 - 5	1.79	142.22	1.79	254.57
RAA4-A35	1099	4,345	4 - 5	0.57	160.91	0.57	91.72
RAA4-A37	1194,1447	4,194	4 - 5	1.2	155.32	1.20	186.39
RAA4-B29	1129	5,974	4 - 5	1.3	221.25	1.30	287.62
RAA4-B31	1116	8,495	4 - 5	0.04	314.63	0.04	12.59
RAA4-B33E	1310	8,259	4 - 5	0.46	305.88	0.46	140.70
RAA4-B34	1101	7,774	4 - 5	0.105	287.94	0.11	30.23
RAA4-B35	1098	5,427	4 - 5	0.385	201.01	0.39	77.39
RAA4-C23	1177	4,528	4 - 5	0.0225	167.71	0.02	3.77
RAA4-C25	1172	5,657	4 - 5	0.044	209.50	0.04	9.22
RAA4-C25N	1172A	1,043	4 - 5	0.02	38.65	0.02	0.77
RAA4-C27	1130	7,047	4 - 5	0.73	261.01	0.73	190.53
RAA4-C27N	1130A	2,895	4 - 5	0.67	107.22	0.67	71.84
RAA4-C29	1128	7,318	4 - 5	0.13	271.03	0.13	35.23
RAA4-C30S	1307	6,528	4 - 5	0.88	241.77	0.88	212.76
RAA4-C31	1117	8,782	4 - 5	10.315	325.28	10.32	3,355.22
RAA4-C33	1115	3,664	4 - 5	10.3	135.70	10.30	1,397.67
RAA4-C33S	1290	4,401	4 - 5	3.8	163.00	3.80	619.42
RAA4-C34	1102,1433	3,667	4 - 5	1.35	135.82	1.35	183.36
RAA4-C35	1097	6,207	4 - 5	7.925	229.90	7.93	1,821.96
RAA4-D19	1173	3,931	4 - 5	0.02	145.60	0.02	2.91

**TABLE C-11**  
**POST-REMEDIATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 1- TO 6-FOOT DEPTH INCREMENT**  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**4- TO 5-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-D21	1171	6,679	4 - 5	0.0195	247.38	0.02	4.82
RAA4-D21N	1171A	2,876	4 - 5	0.037	106.52	0.04	3.94
RAA4-D23	1135	9,341	4 - 5	0.0185	345.95	0.02	6.40
RAA4-D25	1178	7,442	4 - 5	0.014	275.63	0.01	3.86
RAA4-D26	1305A	4,531	4 - 5	0.088	167.82	0.09	14.77
RAA4-D26S	1305	4,009	4 - 5	19	148.49	19.00	2,821.35
RAA4-D27	1189	6,479	4 - 5	0.875	239.94	0.88	209.95
RAA4-D31	1118	3,855	4 - 5	1.325	142.78	1.33	189.18
RAA4-D33	1114	5,913	4 - 5	7.655	218.99	7.66	1,676.37
RAA4-D34	1103	6,571	4 - 5	9.2	243.38	9.20	2,239.14
RAA4-D36	1089	9,299	4 - 5	21	344.40	21.00	7,232.35
RAA4-E15	1137	4,047	4 - 5	0.027	149.89	0.03	4.05
RAA4-E15N	1292A	1,302	4 - 5	0.53	48.22	0.53	25.56
RAA4-E16	1292	4,033	4 - 5	0.0385	149.39	0.04	5.75
RAA4-E17N	1233A	3,514	4 - 5	0.62	130.16	0.62	80.70
RAA4-E19	1174	6,811	4 - 5	1.37	252.25	1.37	345.59
RAA4-E21	1175	7,131	4 - 5	0.0195	264.11	0.02	5.15
RAA4-E22	1284	4,894	4 - 5	7.4	181.27	7.40	1,341.39
RAA4-E23	1176	8,572	4 - 5	23	317.50	23.00	7,302.41
RAA4-E27	1190	7,272	4 - 5	770	269.32	770.00	207,375.83
RAA4-E29	1127	3,908	4 - 5	85	144.75	85.00	12,303.75
RAA4-E30S	1306	6,930	4 - 5	43	256.67	43.00	11,036.70
RAA4-E33	1113	8,407	4 - 5	34	311.38	34.00	10,586.92
RAA4-E35	1096	8,798	4 - 5	49	325.84	49.00	15,966.03
RAA4-E36	1090	6,846	4 - 5	26	253.55	26.00	6,592.34
RAA4-E38	1393	1,441	4 - 5	0.209	53.37	0.21	11.15
RAA4-E39	1392	125	4 - 5	0.64	4.65	0.64	2.97
RAA4-F16	1293	4,739	4 - 5	0.0435	175.50	0.04	7.63
RAA4-F18	1294	4,264	4 - 5	0.019	157.92	0.02	3.00
RAA4-F23	1199	5,052	4 - 5	5.5	187.13	5.50	1,029.20
RAA4-F23S	1285	5,550	4 - 5	570	205.54	570.00	117,158.22
RAA4-F25	1195	7,505	4 - 5	520	277.95	520.00	144,532.65
RAA4-F27	1191,1191A,1191B,1191C,1191D	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
RAA4-F28	1289	2,044	4 - 5	0.021	75.71	0.02	1.59
RAA4-F28	1289A,1289B,1289C,1289D	2,437	4 - 5	1,900	90.27	1,900.00	171,522.15
RAA4-F29	1126	4,944	4 - 5	162	183.11	162.00	29,663.10
RAA4-F31	1119	8,815	4 - 5	300	326.50	300.00	97,949.33
RAA4-F33	1112	9,935	4 - 5	0.086	367.97	0.09	31.65
RAA4-F34	1104	11,717	4 - 5	0.172	433.98	0.17	74.64
RAA4-F35	1095	8,424	4 - 5	16.4	311.99	16.40	5,116.61
RAA4-F36	1400	1,375	4 - 5	0.0185	50.94	0.02	0.94
RAA4-G14	1410	4	4 - 5	1.44	0.16	1.44	0.23
RAA4-G18N	1303	9,500	4 - 5	47	351.87	47.00	16,537.72
RAA4-G20	1286	7,855	4 - 5	20.1	290.91	20.10	5,847.33
RAA4-G23	1169A	8,441	4 - 5	278	312.62	278.00	86,909.18
RAA4-G27	1170	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
RAA4-G27E	1287A	5,381	4 - 5	480	199.31	480.00	95,666.67
RAA4-G28	1287	5,584	4 - 5	380	206.82	380.00	78,593.29
RAA4-G31	1120	9,946	4 - 5	0.018	368.39	0.02	6.63
RAA4-G33	1111	9,946	4 - 5	0.02	368.38	0.02	7.37
RAA4-G34	1105	5,738	4 - 5	0.0185	212.53	0.02	3.93
RAA4-G35	1402	369	4 - 5	0.018	13.65	0.02	0.25
RAA4-H21	1136	6,655	4 - 5	210	246.47	210.00	51,759.17
RAA4-H24	1169	10,291	4 - 5	57.5	381.16	57.50	21,916.42
RAA4-H27	1131	7,437	4 - 5	891	275.44	891.00	245,421.33
RAA4-H27S	1288	6,094	4 - 5	330	225.72	330.00	74,486.74
RAA4-H28S	1309	5,618	4 - 5	260	208.08	260.00	54,100.03

**TABLE C-11**  
**POST-REMEDIATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 1- TO 6-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**4- TO 5-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-H29	1125	7,928	4 - 5	645	293.64	645.00	189,399.95
RAA4-H31	1121	7,561	4 - 5	<b>0.0185</b>	280.06	0.02	5.18
RAA4-H33	1405	2,436	4 - 5	0.88	90.21	0.88	79.38
RAA4-I19	1168	10,661	4 - 5	18	394.84	18.00	7,107.20
RAA4-I23	1134	8,630	4 - 5	173	319.62	173.00	55,294.90
RAA4-I25	1133	7,748	4 - 5	500	286.98	500.00	143,490.37
RAA4-I27	1132	5,426	4 - 5	58	200.98	58.00	11,656.82
RAA4-I31	1407	198	4 - 5	0.56	7.33	0.56	4.11
RAA4-K15	1373	1,212	4 - 5	2,000	44.89	2,000.00	89,777.04
RAA4-K20	1304	8,660	4 - 5	65	320.76	65.00	20,849.14
RAA4-K23	1198	5,755	4 - 5	330	213.17	330.00	70,344.63
RAA4-K25	1196	4,856	4 - 5	870	179.85	870.00	156,471.76
RAA4-K27	1155	2,037	4 - 5	1,100	75.43	1,100.00	82,969.74
RAA4-M19	1368	671	4 - 5	30	24.85	30.00	745.39
RAA4-M21	1366	758	4 - 5	44	28.08	44.00	1,235.37
RAA4-M23	1365	659	4 - 5	110	24.41	110.00	2,684.90
TW-SB-1	1260	5,596	4 - 5	<b>0.39</b>	207.25	0.39	80.83
X-4	1215	5,550	4 - 5	900.185	205.55	900.19	185,028.69
X-5	1214	8,138	4 - 5	320	301.42	320.00	96,455.23
X-6	1213	4,746	4 - 5	38.8	175.78	38.80	6,820.32
X-7	1209	6,879	4 - 5	9.1	254.79	9.10	2,318.57
X-8	1208	9,237	4 - 5	25	342.12	25.00	8,553.10
X-9	1206	9,479	4 - 5	7.5	351.09	7.50	2,633.14
X-12	1212	6,828	4 - 5	5.68	252.87	5.68	1,436.32
X-13	1211	5,729	4 - 5	0.7	212.18	0.70	148.52
X-14	1207	4,229	4 - 5	<b>0.5195</b>	156.62	0.52	81.36
X-15	1205	9,480	4 - 5	2.51	351.11	2.51	881.28
X-16	1202,1444	5,028	4 - 5	<b>0.025</b>	186.23	0.03	4.66
X-17	1312	5,587	4 - 5	0.16	206.92	0.16	33.11
X-18	1203	3,959	4 - 5	0.06	146.65	0.06	8.80
X-19	1262	2,233	4 - 5	0.22	82.72	0.22	18.20
X-20	1263	4,446	4 - 5	<b>0.025</b>	164.65	0.03	4.12
Y-7	1369	522	4 - 5	2.01	19.35	2.01	38.90
Y-8	1220	4,149	4 - 5	8	153.66	8.00	1,229.26
Y-9	1221	6,767	4 - 5	87	250.64	87.00	21,805.42
Y-10	1222	5,764	4 - 5	150	213.47	150.00	32,020.22
Y-12	1224	8,309	4 - 5	<b>0.025</b>	307.75	0.03	7.69
Y-13	1226	11,373	4 - 5	0.23	421.24	0.23	96.88
Y-14	1227	10,082	4 - 5	22.9	373.42	22.90	8,551.33
Y-15	1228	7,840	4 - 5	0.69	290.37	0.69	200.35
Y-19	1268	8,731	4 - 5	120	323.38	120.00	38,805.29
Y-20	1229	7,198	4 - 5	93.5	266.59	93.50	24,925.78
Y-21	1411	5,188	4 - 5	0.26	192.14	0.26	49.96
Y-22	1238	4,862	4 - 5	<b>0.025</b>	180.06	0.03	4.50
Y-23	1231	4,501	4 - 5	<b>0.025</b>	166.70	0.03	4.17
Y-24	1232	8,936	4 - 5	8	330.96	8.00	2,647.71
Y-26	1233	4,732	4 - 5	<b>0.025</b>	175.25	0.03	4.38
Y-27	1269	4,656	4 - 5	<b>0.01</b>	172.43	0.01	1.72
<b>Totals:</b>	--	1,013,126	--	--	37,523.20	--	2,910,357.69
<b>Volume-Weighted Average:</b>						<b>77.56</b>	

**TABLE C-11**  
**POST-REMEDATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 1- TO 6-FOOT DEPTH INCREMENT**  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**5- TO 6-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
60-1	1290	3,347	5 - 6	22	123.95	22.00	2,726.91
60-5	1289	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
95-02	1265	2,375	5 - 6	0.14	87.94	0.14	12.31
95-05	1263	6,762	5 - 6	140	250.44	140.00	35,061.65
95-07	1264	5,193	5 - 6	13	192.32	13.00	2,500.14
95-08	1244	5,790	5 - 6	<b>0.036</b>	214.43	0.04	7.72
95-09	1325	7,653	5 - 6	0.03	283.45	0.03	8.50
95-19	1268	6,846	5 - 6	0.66	253.54	0.66	167.34
95-26	1243	5,616	5 - 6	5.4	208.00	5.40	1,123.20
CRA-1	1062	6,026	5 - 6	<b>0.021</b>	223.18	0.02	4.69
CRA-2	1063	3,635	5 - 6	<b>0.0235</b>	134.65	0.02	3.16
CRA-3	1068,1457	4,781	5 - 6	<b>0.135</b>	177.08	0.14	23.91
CRA-4	1067	5,630	5 - 6	0.44	208.50	0.44	91.74
CRA-5	1066	6,439	5 - 6	<b>0.022</b>	238.48	0.02	5.25
CRA-6	1065	9,479	5 - 6	<b>0.0245</b>	351.07	0.02	8.60
CRA-7	1064	6,469	5 - 6	<b>0.026</b>	239.58	0.03	6.23
CRA-8	1069,1456	8,767	5 - 6	<b>0.02</b>	324.69	0.02	6.49
CRA-9	1070	7,091	5 - 6	0.029	262.64	0.03	7.62
CRA-10	1071	8,438	5 - 6	<b>0.022</b>	312.52	0.02	6.88
CRA-11	1072	10,012	5 - 6	<b>0.0205</b>	370.82	0.02	7.60
CRA-12	1073	9,513	5 - 6	2.72	352.32	2.72	958.32
CRA-13	1074	7,401	5 - 6	<b>0.023</b>	274.11	0.02	6.30
CRA-14	1080,1454	8,530	5 - 6	<b>0.021</b>	315.92	0.02	6.63
CRA-15	1079,1451	9,308	5 - 6	<b>0.0235</b>	344.75	0.02	8.10
CRA-16	1078,1449	8,253	5 - 6	1.14	305.66	1.14	348.45
CRA-17	1077,1448	9,802	5 - 6	<b>0.021</b>	363.05	0.02	7.62
CRA-18	1076,1447	9,652	5 - 6	<b>0.0215</b>	357.49	0.02	7.69
CRA-19	1075,1326	4,789	5 - 6	<b>0.021</b>	177.36	0.02	3.72
CRA-20	1081	2,678	5 - 6	0.35	99.19	0.35	34.72
CRA-21	1082	3,437	5 - 6	0.205	127.28	0.21	26.09
CRA-22	1083	2,166	5 - 6	<b>0.024</b>	80.21	0.02	1.92
E2SC-05	1210,1453	5,426	5 - 6	0.29	200.97	0.29	58.28
E2SC-06	1255	4,931	5 - 6	0.072	182.64	0.07	13.15
E2SC-07	1283	3,038	5 - 6	0.28	112.52	0.28	31.51
E2SC-13	1399	549	5 - 6	<b>0.018</b>	20.32	0.02	0.37
E2SC-14	1209,1450	5,296	5 - 6	<b>0.0185</b>	196.15	0.02	3.63
E2SC-25	1270	8,070	5 - 6	<b>0.085</b>	298.90	0.09	25.41
ES2-5	1261	12,274	5 - 6	1.83	454.61	1.83	831.93
RAA4-2	1084	7,862	5 - 6	<b>0.11</b>	291.19	0.11	32.03
RAA4-4	1085	9,018	5 - 6	1.4	334.01	1.40	467.62
RAA4-16	1086	4,293	5 - 6	<b>0.55</b>	158.99	0.55	87.45
RAA4-16NW	1086A	5,183	5 - 6	18	191.98	18.00	3,455.62
RAA4-17	1087	4,115	5 - 6	0.03	152.39	0.03	4.57
RAA4-18	1088,1452	5,342	5 - 6	1.08	197.86	1.08	213.69
RAA4-19	1089	4,901	5 - 6	<b>0.018</b>	181.51	0.02	3.27
RAA4-20	1090	6,747	5 - 6	<b>0.0195</b>	249.89	0.02	4.87
RAA4-21	1091,1091B	5,702	5 - 6	0.2	211.17	0.20	42.23
RAA4-22	1092,1397A	3,164	5 - 6	<b>0.0205</b>	117.18	0.02	2.40
RAA4-A33	1201	4,723	5 - 6	0.89	174.94	0.89	155.69
RAA4-A34	1109	3,840	5 - 6	1.79	142.22	1.79	254.57
RAA4-A35	1108	4,345	5 - 6	0.57	160.91	0.57	91.72
RAA4-A37	1203,1458	4,194	5 - 6	1.2	155.32	1.20	186.39
RAA4-B29	1138	5,974	5 - 6	1.3	221.25	1.30	287.62
RAA4-B31	1125	8,495	5 - 6	0.04	314.63	0.04	12.59
RAA4-B33E	1319	8,259	5 - 6	0.46	305.88	0.46	140.70
RAA4-B34	1110	7,774	5 - 6	<b>0.105</b>	287.94	0.11	30.23

**TABLE C-11**  
**POST-REMEDIATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 1- TO 6-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**5- TO 6-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-B35	1107	5,427	5 - 6	0.385	201.01	0.39	77.39
RAA4-C23	1186	4,528	5 - 6	0.0225	167.71	0.02	3.77
RAA4-C25	1181	5,657	5 - 6	0.044	209.50	0.04	9.22
RAA4-C25N	1181A	1,043	5 - 6	0.02	38.65	0.02	0.77
RAA4-C27	1139	7,047	5 - 6	0.73	261.01	0.73	190.53
RAA4-C27N	1139A	2,895	5 - 6	0.67	107.22	0.67	71.84
RAA4-C29	1137	7,318	5 - 6	0.13	271.03	0.13	35.23
RAA4-C30S	1316	6,528	5 - 6	0.88	241.77	0.88	212.76
RAA4-C31	1126	8,782	5 - 6	10.315	325.28	10.32	3,355.22
RAA4-C33	1124	3,664	5 - 6	10.3	135.70	10.30	1,397.67
RAA4-C33S	1299	4,401	5 - 6	3.8	163.00	3.80	619.42
RAA4-C34	1111,1444	3,667	5 - 6	1.35	135.82	1.35	183.36
RAA4-C35	1106	6,207	5 - 6	7.925	229.90	7.93	1,821.96
RAA4-D19	1182	3,931	5 - 6	0.02	145.60	0.02	2.91
RAA4-D21	1180	6,679	5 - 6	0.0195	247.38	0.02	4.82
RAA4-D21N	1180A	2,876	5 - 6	0.037	106.52	0.04	3.94
RAA4-D23	1144	9,341	5 - 6	0.0185	345.95	0.02	6.40
RAA4-D25	1187	7,442	5 - 6	0.014	275.63	0.01	3.86
RAA4-D26	1187A	4,531	5 - 6	0.088	167.82	0.09	14.77
RAA4-D26S	1314	4,009	5 - 6	19	148.49	19.00	2,821.35
RAA4-D27	1198	6,479	5 - 6	0.875	239.94	0.88	209.95
RAA4-D31	1127	3,855	5 - 6	1.325	142.78	1.33	189.18
RAA4-D33	1123	5,913	5 - 6	7.655	218.99	7.66	1,676.37
RAA4-D34	1112	6,571	5 - 6	9.2	243.38	9.20	2,239.14
RAA4-D36	1098	9,299	5 - 6	21	344.40	21.00	7,232.35
RAA4-E15	1146	4,047	5 - 6	0.027	149.89	0.03	4.05
RAA4-E15N	1146A	1,302	5 - 6	0.53	48.22	0.53	25.56
RAA4-E16	1301	4,033	5 - 6	0.0385	149.39	0.04	5.75
RAA4-E17N	1242A	3,514	5 - 6	0.62	130.16	0.62	80.70
RAA4-E19	1183	6,811	5 - 6	1.37	252.25	1.37	345.59
RAA4-E21	1184	7,131	5 - 6	0.0195	264.11	0.02	5.15
RAA4-E22	1293	4,894	5 - 6	7.4	181.27	7.40	1,341.39
RAA4-E23	1185	8,572	5 - 6	23	317.50	23.00	7,302.41
RAA4-E27	1199	7,272	5 - 6	770	269.32	770.00	207,375.83
RAA4-E29	1136	3,908	5 - 6	85	144.75	85.00	12,303.75
RAA4-E30S	1315	6,930	5 - 6	43	256.67	43.00	11,036.70
RAA4-E33	1122	8,407	5 - 6	34	311.38	34.00	10,586.92
RAA4-E35	1105	8,798	5 - 6	49	325.84	49.00	15,966.03
RAA4-E36	1099	6,846	5 - 6	26	253.55	26.00	6,592.34
RAA4-E38	1404	1,441	5 - 6	0.209	53.37	0.21	11.15
RAA4-E39	1403	125	5 - 6	0.64	4.65	0.64	2.97
RAA4-F16	1302	4,739	5 - 6	0.0435	175.50	0.04	7.63
RAA4-F18	1303	4,264	5 - 6	0.019	157.92	0.02	3.00
RAA4-F23	1208	5,052	5 - 6	5.5	187.13	5.50	1,029.20
RAA4-F23S	1294	5,550	5 - 6	570	205.54	570.00	117,158.22
RAA4-F25	1204	7,505	5 - 6	520	277.95	520.00	144,532.65
RAA4-F27	1200,1200A,1200B,1200C,1200D	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
RAA4-F28	1298	2,044	5 - 6	0.021	75.71	0.02	1.59
RAA4-F28	1298A,1298B,1298C,1298D	2,437	5 - 6	1,900	90.27	1,900.00	171,522.15
RAA4-F29	1135	4,944	5 - 6	162	183.11	162.00	29,663.10
RAA4-F31	1128	8,815	5 - 6	300	326.50	300.00	97,949.33
RAA4-F33	1121	9,935	5 - 6	0.086	367.97	0.09	31.65
RAA4-F34	1113	11,717	5 - 6	0.172	433.98	0.17	74.64
RAA4-F35	1104	8,424	5 - 6	16.4	311.99	16.40	5,116.61
RAA4-F36	1411	1,375	5 - 6	0.0185	50.94	0.02	0.94
RAA4-G14	1421	4	5 - 6	1.44	0.16	1.44	0.23
RAA4-G18N	1312	9,500	5 - 6	47	351.87	47.00	16,537.72

**TABLE C-11**  
**POST-REMEDATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 1- TO 6-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**5- TO 6-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume	
RAA4-G20	1295	7,855	5 - 6	20.1	290.91	20.10	5,847.33	
RAA4-G23	1238A	8,441	5 - 6	278	312.62	278.00	86,909.18	
RAA4-G27	1179	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.						
RAA4-G27E	1296A	5,381	5 - 6	480	199.31	480.00	95,666.67	
RAA4-G28	1296	5,584	5 - 6	380	206.82	380.00	78,593.29	
RAA4-G31	1129	9,946	5 - 6	0.018	368.39	0.02	6.63	
RAA4-G33	1120	9,946	5 - 6	0.02	368.38	0.02	7.37	
RAA4-G34	1114	5,738	5 - 6	0.0185	212.53	0.02	3.93	
RAA4-G35	1413	369	5 - 6	0.018	13.65	0.02	0.25	
RAA4-H21	1145	6,655	5 - 6	210	246.47	210.00	51,759.17	
RAA4-H24	1178	10,291	5 - 6	57.5	381.16	57.50	21,916.42	
RAA4-H27	1140	7,437	5 - 6	891	275.44	891.00	245,421.33	
RAA4-H27S	1297	6,094	5 - 6	330	225.72	330.00	74,486.74	
RAA4-H28S	1318	5,618	5 - 6	260	208.08	260.00	54,100.03	
RAA4-H29	1134	7,928	5 - 6	645	293.64	645.00	189,399.95	
RAA4-H31	1130	7,561	5 - 6	0.0185	280.06	0.02	5.18	
RAA4-H33	1416	2,436	5 - 6	0.88	90.21	0.88	79.38	
RAA4-I19	1177	10,661	5 - 6	18	394.84	18.00	7,107.20	
RAA4-I23	1143	8,630	5 - 6	173	319.62	173.00	55,294.90	
RAA4-I25	1142	7,748	5 - 6	500	286.98	500.00	143,490.37	
RAA4-I27	1141	5,426	5 - 6	58	200.98	58.00	11,656.82	
RAA4-I31	1418	198	5 - 6	0.56	7.33	0.56	4.11	
RAA4-K15	1384	1,212	5 - 6	2,000	44.87	2,000.00	89,747.41	
RAA4-K20	1313	8,660	5 - 6	65	320.76	65.00	20,849.14	
RAA4-K23	1207	5,755	5 - 6	330	213.17	330.00	70,344.63	
RAA4-K25	1205	4,856	5 - 6	870	179.85	870.00	156,471.76	
RAA4-K27	1164	2,037	5 - 6	1,100	75.43	1,100.00	82,969.74	
RAA4-M19	1379	671	5 - 6	30	24.85	30.00	745.39	
RAA4-M21	1377	758	5 - 6	44	28.08	44.00	1,235.37	
RAA4-M23	1376	659	5 - 6	110	24.41	110.00	2,684.90	
TW-SB-1	1269	5,596	5 - 6	0.39	207.25	0.39	80.83	
X-4	1224	5,550	5 - 6	900.185	205.55	900.19	185,028.69	
X-5	1223	8,138	5 - 6	320	301.42	320.00	96,455.23	
X-6	1222	4,746	5 - 6	38.8	175.78	38.80	6,820.32	
X-7	1218	6,879	5 - 6	9.1	254.79	9.10	2,318.57	
X-8	1217	9,237	5 - 6	25	342.12	25.00	8,553.10	
X-9	1215	9,479	5 - 6	7.5	351.09	7.50	2,633.14	
X-12	1221	6,828	5 - 6	5.68	252.87	5.68	1,436.32	
X-13	1220	5,729	5 - 6	0.7	212.18	0.70	148.52	
X-14	1216	4,229	5 - 6	0.5195	156.62	0.52	81.36	
X-15	1214	9,480	5 - 6	2.51	351.11	2.51	881.28	
X-16	1211,1455	5,028	5 - 6	0.025	186.23	0.03	4.66	
X-17	1324	5,587	5 - 6	0.025	206.92	0.03	5.17	
X-18	1212	3,959	5 - 6	0.06	146.65	0.06	8.80	
X-19	1271	2,233	5 - 6	0.22	82.72	0.22	18.20	
X-20	1272	4,446	5 - 6	0.025	164.65	0.03	4.12	
Y-7	1380	522	5 - 6	2.01	19.35	2.01	38.90	
Y-8	1229	4,149	5 - 6	8	153.66	8.00	1,229.26	
Y-9	1230	6,767	5 - 6	87	250.64	87.00	21,805.42	
Y-10	1231	5,764	5 - 6	150	213.47	150.00	32,020.22	
Y-12	1233	8,309	5 - 6	0.025	307.75	0.03	7.69	
Y-13	1235	11,373	5 - 6	0.23	421.24	0.23	96.88	
Y-14	1236	10,082	5 - 6	22.9	373.42	22.90	8,551.33	
Y-15	1237	7,840	5 - 6	0.69	290.37	0.69	200.35	
Y-19	1277	8,731	5 - 6	120	323.38	120.00	38,805.29	
Y-20	1238	7,198	5 - 6	93.5	266.59	93.50	24,925.78	
Y-21	1422	5,188	5 - 6	0.26	192.14	0.26	49.96	

**TABLE C-11**  
**POST-REMEDIATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 1- TO 6-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**5- TO 6-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Y-22	1247	4,862	5 - 6	<b>0.025</b>	180.06	0.03	4.50
Y-23	1240	4,501	5 - 6	<b>0.025</b>	166.70	0.03	4.17
Y-24	1241	8,936	5 - 6	8	330.96	8.00	2,647.71
Y-26	1242	4,732	5 - 6	<b>0.025</b>	175.25	0.03	4.38
Y-27	1278	4,655	5 - 6	<b>0.01</b>	172.42	0.01	1.72
<b>Totals:</b>	--	1,013,126	--	--	37,523.17	--	2,910,302.68
<b>Volume-Weighted Average:</b>							<b>77.56</b>

**SUMMARY: 1- TO 6-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
<b>Totals:</b>	--	1,012,317	1 - 6	--	187,466.10	--	15,394,748.14
<b>Volume-Weighted Average:</b>							<b>82.12</b>

**Notes:**

1. Polygon ID and area based on information shown on Figures C-3 through C-7.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation. The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

**TABLE C-12**  
**POST-REMEDATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT (TABLE C-10)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
<b>Totals:</b>	--	826,770	0 - 1	--	30,621.10	--	743,928.65
<b>Volume-Weighted Average:</b>							<b>24.29</b>

**SUMMARY: 1- TO 6-FOOT DEPTH INCREMENT (TABLE C-11)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
<b>Totals:</b>	--	1,012,317	1 - 6	--	187,466.10	--	15,394,748.14
<b>Volume-Weighted Average:</b>							<b>82.12</b>

**6- TO 8-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
60-1	1235	3,361	6 - 8	21	248.97	21.00	5,228.39
60-5	1234	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
95-02	1213	4,000	6 - 8	<b>0.0265</b>	296.32	0.03	7.85
95-07	1212	4,122	6 - 8	<b>0.36</b>	305.35	0.36	109.93
95-08	1193	4,831	6 - 8	0.032	357.86	0.03	11.45
95-09	1240	7,653	6 - 7	0.03	566.90	0.02	12.19
			7 - 8	0.013			
95-19	1214	6,846	6 - 8	0.22	507.09	0.22	111.56
95-26	1192	10,832	6 - 8	0.034	802.40	0.03	27.28
CRA-1	1001	6,026	6 - 8	<b>0.0215</b>	446.35	0.02	9.60
CRA-2	1002	3,635	6 - 8	<b>0.022</b>	269.29	0.02	5.92
CRA-3	1007,1359	4,781	6 - 8	<b>0.016125</b>	354.16	0.02	5.71
CRA-4	1006	5,630	6 - 8	<b>0.0215</b>	417.00	0.02	8.97
CRA-5	1005	6,439	6 - 8	<b>0.022</b>	476.96	0.02	10.49
CRA-6	1004	9,479	6 - 8	<b>0.022</b>	702.14	0.02	15.45
CRA-7	1003	6,469	6 - 8	<b>0.022</b>	479.15	0.02	10.54
CRA-8	1008,1358	8,767	6 - 8	0.094	649.38	0.09	61.04
CRA-9	1009	7,091	6 - 8	<b>0.021</b>	525.28	0.02	11.03
CRA-10	1010	8,438	6 - 8	<b>0.022</b>	625.05	0.02	13.75
CRA-11	1011	10,012	6 - 8	<b>0.0215</b>	741.65	0.02	15.95
CRA-12	1012	9,513	6 - 8	<b>0.0225</b>	704.65	0.02	15.85
CRA-13	1013	7,401	6 - 8	<b>0.027</b>	548.22	0.03	14.80
CRA-14	1019,1364	8,530	6 - 8	<b>0.0205</b>	631.83	0.02	12.95
CRA-15	1018,1362	9,308	6 - 8	0.13	689.50	0.13	89.64
CRA-16	1017,1367	8,253	6 - 8	0.145	611.32	0.15	88.64
CRA-17	1016,1363	9,802	6 - 8	<b>0.021</b>	726.11	0.02	15.25
CRA-18	1015,1366	9,652	6 - 8	<b>0.0225</b>	714.98	0.02	16.09
CRA-19	1014,1241	4,789	6 - 8	<b>0.024</b>	354.71	0.02	8.51
CRA-20	1020	2,678	6 - 8	<b>0.021</b>	198.38	0.02	4.17
CRA-21	1021	3,437	6 - 8	<b>0.02025</b>	254.57	0.02	5.16
CRA-22	1022	2,166	6 - 8	<b>0.022</b>	160.41	0.02	3.53
E2SC-05	1159,1365	5,426	6 - 8	0.13	401.93	0.13	52.25
E2SC-06	1204	4,931	6 - 8	<b>0.105</b>	365.28	0.11	38.35
E2SC-07	1228	3,038	6 - 8	1.4	225.05	1.40	315.07
E2SC-13	1307	549	6 - 8	0.05	40.63	0.05	2.03
E2SC-14	1158,1361	5,296	6 - 8	<b>0.018</b>	392.30	0.02	7.06
E2SC-25	1216	7,297	6 - 8	2.4	540.51	2.40	1,297.22
ES2-5	1210	6,042	6 - 8	<b>0.025</b>	447.53	0.03	11.19
RAA4-2	1023	7,816	6 - 8	0.1875	578.94	0.19	108.55
RAA4-4	1024	8,221	6 - 8	<b>0.05725</b>	608.98	0.06	34.86
RAA4-16	1025	7,482	6 - 8	15.5	554.24	15.50	8,590.79
RAA4-17	1026	4,115	6 - 8	0.55	304.79	0.55	167.63
RAA4-18	1027,1368	5,342	6 - 8	0.26	395.72	0.26	102.89



**TABLE C-12**  
**POST-REMEDATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**6- TO 8-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-19	1028	4,901	6 - 8	0.022	363.02	0.02	7.99
RAA4-20	1029	6,747	6 - 8	0.0195	499.77	0.02	9.75
RAA4-21	1030,1030A	5,702	6 - 8	0.0275	422.33	0.03	11.61
RAA4-22	1031,1031A	3,164	6 - 8	0.024	234.36	0.02	5.62
RAA4-A33	1146	4,723	6 - 8	0.29	349.87	0.29	101.46
RAA4-A34	1047	3,840	6 - 8	0.0195	284.44	0.02	5.55
RAA4-A35	1046	4,345	6 - 8	0.375	321.82	0.38	120.68
RAA4-A37	1148,1356	4,194	6 - 8	0.53	310.64	0.53	164.64
RAA4-B29	1077	5,988	6 - 8	0.035	443.57	0.04	15.52
RAA4-B31	1063	8,495	6 - 8	3.5	629.25	3.50	2,202.38
RAA4-B33E	1237	8,259	6 - 8	0.0175	611.76	0.02	10.71
RAA4-B34	1048	7,774	6 - 8	0.4325	575.87	0.43	249.07
RAA4-B35	1045	5,427	6 - 8	1.32	402.02	1.32	530.66
RAA4-C23	1130	4,870	6 - 8	2.13	360.71	2.13	768.31
RAA4-C25	1125	7,196	6 - 8	0.16	533.05	0.16	85.29
RAA4-C27	1078	9,504	6 - 8	1.49	703.99	1.49	1,048.94
RAA4-C29	1076	8,513	6 - 8	0.0785	630.57	0.08	49.50
RAA4-C31	1064	11,859	6 - 8	3.92	878.47	3.92	3,443.61
RAA4-C33	1062	6,305	6 - 8	7.635	467.05	7.64	3,565.91
RAA4-C34	1049,1345	3,612	6 - 8	1.245	267.53	1.25	333.08
RAA4-C35	1044	4,766	6 - 8	5.77	353.02	5.77	2,036.94
RAA4-C36	1157	7,128	6 - 8	13	527.97	13.00	6,863.62
RAA4-D19	1126	6,489	6 - 8	0.0185	480.69	0.02	8.89
RAA4-D21	1124	9,555	6 - 8	0.019	707.79	0.02	13.45
RAA4-D23	1083	9,462	6 - 8	0.72	700.85	0.72	504.61
RAA4-D25	1131	10,799	6 - 8	0.019	799.92	0.02	15.20
RAA4-D27	1143	8,304	6 - 8	3	615.14	3.00	1,845.42
RAA4-D29	1075	6,060	6 - 8	36	448.87	36.00	16,159.49
RAA4-D31	1065	7,946	6 - 8	66.15	588.56	66.15	38,933.34
RAA4-D33	1061	6,840	6 - 8	0.129	506.67	0.13	65.36
RAA4-D34	1050	5,844	6 - 8	1.36	432.89	1.36	588.73
RAA4-D35	1156	7,089	6 - 8	24.3	525.12	24.30	12,760.51
RAA4-D36	1037	10,037	6 - 8	202.5	743.48	202.50	150,553.80
RAA4-E15	1087	8,385	6 - 8	0.018	621.12	0.02	11.18
RAA4-E17	1086,1249	4,719	6 - 8	0.021	349.58	0.02	7.34
RAA4-E19	1127	9,311	6 - 8	0.117	689.74	0.12	80.70
RAA4-E21	1128	8,986	6 - 8	0.02075	665.65	0.02	13.81
RAA4-E23	1129	10,473	6 - 8	3.33	775.78	3.33	2,583.35
RAA4-E27	1144	8,405	6 - 8	680	622.59	680.00	423,357.93
RAA4-E29	1074	6,816	6 - 8	152.5	504.85	152.50	76,990.02
RAA4-E33	1060	8,407	6 - 8	15.6	622.76	15.60	9,715.06
RAA4-E35	1043	8,515	6 - 8	8.675	630.76	8.68	5,471.85
RAA4-E38	1312	1,441	6 - 8	0.575	106.74	0.58	61.38
RAA4-E39	1311	125	6 - 8	3.3	9.29	3.30	30.66
RAA4-F21	1084	6,303	6 - 8	0.96	466.89	0.96	448.21
RAA4-F23	1155	9,198	6 - 8	1.7	681.32	1.70	1,158.25
RAA4-F25	1149	12,029	6 - 8	71	891.00	71.00	63,261.26
RAA4-F27	1145	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
RAA4-F29	1073	7,504	6 - 8	17.05	555.82	17.05	9,476.68
RAA4-F31	1066	10,785	6 - 8	36	798.92	36.00	28,761.04
RAA4-F33	1059	9,935	6 - 8	0.018	735.94	0.02	13.25
RAA4-F34	1051	11,717	6 - 8	0.016	867.95	0.02	13.89
RAA4-F35	1042	8,024	6 - 8	0.019	594.36	0.02	11.29
RAA4-F36	1321	604	6 - 8	0.01925	44.75	0.02	0.86
RAA4-G14	1370	4	6 - 8	2.68	0.32	2.68	0.87
RAA4-G17	1154	7,325	6 - 8	0.054	542.60	0.05	29.30
RAA4-G27	1123	14,870	6 - 8	463	1,101.47	463.00	509,981.12
RAA4-G31	1067	9,979	6 - 8	0.0195	739.18	0.02	14.41

**TABLE C-12**  
**POST-REMEDATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**6- TO 8-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-G33	1058	9,946	6 - 8	0.0195	736.76	0.02	14.37
RAA4-G34	1052	5,738	6 - 8	0.018	425.06	0.02	7.65
RAA4-G35	1323	369	6 - 8	0.018	27.30	0.02	0.49
RAA4-H17	1088	10,851	6 - 8	0.064	803.76	0.06	51.44
RAA4-H21	1085	6,655	6 - 8	32	492.94	32.00	15,774.22
RAA4-H24	1122	15,114	6 - 8	77	1,119.55	77.00	86,205.32
RAA4-H27	1079	12,666	6 - 8	11.2	938.24	11.20	10,508.24
RAA4-H29	1072	11,125	6 - 8	60.5	824.07	60.50	49,855.99
RAA4-H31	1068	7,561	6 - 8	2.16	560.11	2.16	1,209.84
RAA4-H33	1326	2,436	6 - 8	0.21	180.41	0.21	37.89
RAA4-I19	1121	9,023	6 - 8	20	668.38	20.00	13,367.69
RAA4-I23	1082	8,558	6 - 8	35.425	633.90	35.43	22,455.75
RAA4-I25	1081	9,188	6 - 8	160	680.59	160.00	108,894.10
RAA4-I27	1080	8,147	6 - 8	24	603.51	24.00	14,484.21
RAA4-I31	1328	198	6 - 8	0.015	14.66	0.02	0.22
RAA4-K19	1120	8,837	6 - 8	0.059	654.61	0.06	38.62
RAA4-K21	1152	7,526	6 - 8	9.7	557.45	9.70	5,407.26
RAA4-K23	1153	5,515	6 - 8	290	408.52	290.00	118,469.94
RAA4-K25	1150	4,856	6 - 8	1.35	359.71	1.35	485.60
RAA4-K27	1107	2,037	6 - 8	174	150.85	174.00	26,248.61
RAA4-M17	1290	762	6 - 8	0.0205	56.46	0.02	1.16
RAA4-M19	1120A	15	6 - 8	0.31	1.09	0.31	0.34
RAA4-M21	1287	758	6 - 8	0.018	56.15	0.02	1.01
RAA4-M23	1286	659	6 - 8	0.038	48.82	0.04	1.86
RCP-C5	1321	6,266	6 - 7	1,700	464.11	1,600.00	742,582.52
			7 - 8	1,500			
RCP-C6	22	955	6 - 7	1,900	70.78	1,055.00	74,668.99
			7 - 8	210			
RCP-C7	21	583	6 - 7	2,000	43.18	1,033.00	44,604.94
			7 - 8	66			
TW-SB-1	1215	5,596	6 - 8	0.425	414.49	0.43	176.16
X-4	1173	6,514	6 - 8	300	482.52	300.00	144,755.33
X-5	1172	10,280	6 - 8	467	761.45	467.00	355,596.63
X-6	1171	5,278	6 - 8	5.7	390.98	5.70	2,228.59
X-7	1168	8,685	6 - 8	9.4	643.33	9.40	6,047.33
X-8	1167	9,237	6 - 8	14	684.25	14.00	9,579.47
X-9	1165	5,779	6 - 8	7.21	428.07	7.21	3,086.42
X-10	1164	3,965	6 - 8	140	293.69	140.00	41,115.93
X-12	1170	5,737	6 - 8	0.24	424.98	0.24	102.00
X-14	1166	4,569	6 - 8	0.05	338.47	0.05	16.92
X-15	1163	5,278	6 - 8	0.25	390.93	0.25	97.73
X-16	1160,1360	5,028	6 - 8	0.115	372.47	0.12	42.83
X-17	1239	5,587	6 - 8	0.025	413.83	0.03	10.35
X-18	1161	3,959	6 - 8	0.025	293.30	0.03	7.33
X-19	1217	2,233	6 - 8	0.13	165.44	0.13	21.51
X-20	1218	4,446	6 - 8	0.025	329.31	0.03	8.23
Y-8	1178	2,738	6 - 8	0.025	202.80	0.03	5.07
Y-9	1179	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
Y-10	1180	5,764	6 - 8	26	426.94	26.00	11,100.34
Y-12	1182	9,184	6 - 8	0.38	680.30	0.38	258.52
Y-13	1184	8,379	6 - 8	1.3	620.69	1.30	806.90
Y-14	1185	9,983	6 - 8	19	739.49	19.00	14,050.27
Y-15	1186	7,872	6 - 8	10.9	583.08	10.90	6,355.58
Y-19	1223	12,248	6 - 8	6.2	907.24	6.20	5,624.91
Y-20	1187	11,683	6 - 8	224	865.43	224.00	193,855.57
Y-21	1371	2,853	6 - 8	0.025	211.35	0.03	5.28
Y-22	1196	6,023	6 - 8	0.025	446.14	0.03	11.15
Y-23	1189	11,538	6 - 8	0.025	854.68	0.03	21.37
Y-24	1190	6,409	6 - 8	0.025	474.71	0.03	11.87
Y-26	1191	6,514	6 - 8	0.025	482.48	0.03	12.06
<b>Totals:</b>	--	1,018,794	--	--	75,466.19	--	3,521,642.90
<b>Volume-Weighted Average:</b>							<b>46.67</b>

**TABLE C-12**  
**POST-REMEDATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**8- TO 10-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
60-1	1250	3,347	8 - 10	21	247.90	21.00	5,205.92
60-5	1249	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
95-02	1225	4,000	8 - 10	0.032	296.32	0.03	9.48
95-04	1247	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
95-05	1223	9,031	8 - 10	7.5	668.96	7.50	5,017.17
95-07	1224	4,122	8 - 10	1.1	305.35	1.10	335.89
95-08	1204	4,944	8 - 10	0.048	366.25	0.05	17.58
95-09	1255	7,653	8 - 9	0.013	566.90	0.02	8.79
			9 - 10	0.018			
95-19	1228	6,846	8 - 10	0.98	507.09	0.98	496.95
95-26	1203	10,832	8 - 10	1.4	802.40	1.40	1,123.36
CRA-1	1011	6,026	8 - 10	<b>0.0215</b>	446.35	0.02	9.60
CRA-2	1012	3,635	8 - 10	<b>0.022</b>	269.29	0.02	5.92
CRA-3	1017,1373	4,781	8 - 10	<b>0.016125</b>	354.16	0.02	5.71
CRA-4	1016	5,630	8 - 10	<b>0.0215</b>	417.00	0.02	8.97
CRA-5	1015	6,439	8 - 10	<b>0.022</b>	476.96	0.02	10.49
CRA-6	1014	9,479	8 - 10	<b>0.022</b>	702.14	0.02	15.45
CRA-7	1013	6,469	8 - 10	<b>0.022</b>	479.15	0.02	10.54
CRA-8	1018,1372	8,767	8 - 10	0.094	649.38	0.09	61.04
CRA-9	1019	7,091	8 - 10	<b>0.021</b>	525.28	0.02	11.03
CRA-10	1020	8,438	8 - 10	<b>0.022</b>	625.05	0.02	13.75
CRA-11	1021	10,012	8 - 10	<b>0.0215</b>	741.65	0.02	15.95
CRA-12	1022	9,513	8 - 10	<b>0.0225</b>	704.65	0.02	15.85
CRA-13	1023	7,401	8 - 10	<b>0.027</b>	548.22	0.03	14.80
CRA-14	1029,1375	8,530	8 - 10	<b>0.0205</b>	631.83	0.02	12.95
CRA-15	1028,1377	9,308	8 - 10	0.13	689.50	0.13	89.64
CRA-16	1027,1382	8,253	8 - 10	0.145	611.32	0.15	88.64
CRA-17	1026,1380	9,802	8 - 10	<b>0.021</b>	726.11	0.02	15.25
CRA-18	1025,1379	9,652	8 - 10	<b>0.0225</b>	714.98	0.02	16.09
CRA-19	1024,1256	4,789	8 - 10	<b>0.024</b>	354.71	0.02	8.51
CRA-20	1030	2,678	8 - 10	<b>0.021</b>	198.38	0.02	4.17
CRA-21	1031	3,437	8 - 10	<b>0.02025</b>	254.57	0.02	5.16
CRA-22	1032	2,166	8 - 10	<b>0.022</b>	160.41	0.02	3.53
E2SC-05	1169,1381	5,426	8 - 10	0.13	401.93	0.13	52.25
E2SC-06	1215	4,931	8 - 10	<b>0.105</b>	365.28	0.11	38.35
E2SC-07	1243	3,038	8 - 10	1.4	225.05	1.40	315.07
E2SC-13	1322	549	8 - 10	0.05	40.63	0.05	2.03
E2SC-14	1168,1376	5,296	8 - 10	<b>0.018</b>	392.30	0.02	7.06
E2SC-25	1230	7,297	8 - 10	2.4	540.51	2.40	1,297.22
ES2-5	1221	6,042	8 - 10	0.07	447.53	0.07	31.33
RAA4-2	1033	7,816	8 - 10	0.1875	578.94	0.19	108.55
RAA4-4	1034	8,221	8 - 10	<b>0.05725</b>	608.98	0.06	34.86
RAA4-16	1035	7,482	8 - 10	15.5	554.24	15.50	8,590.79
RAA4-17	1036	4,115	8 - 10	0.55	304.79	0.55	167.63
RAA4-18	1037,1378	5,342	8 - 10	0.26	395.72	0.26	102.89
RAA4-19	1038	4,901	8 - 10	<b>0.022</b>	363.02	0.02	7.99
RAA4-20	1039	6,747	8 - 10	<b>0.0195</b>	499.77	0.02	9.75
RAA4-21	1040,1040A	5,702	8 - 10	<b>0.0275</b>	422.33	0.03	11.61
RAA4-22	1041,1041A	3,164	8 - 10	<b>0.024</b>	234.36	0.02	5.62
RAA4-A33	1156	4,723	8 - 10	0.29	349.87	0.29	101.46
RAA4-A34	1057	3,840	8 - 10	<b>0.0195</b>	284.44	0.02	5.55
RAA4-A35	1056	4,345	8 - 10	<b>0.375</b>	321.82	0.38	120.68
RAA4-A37	1158,1370	4,194	8 - 10	0.53	310.64	0.53	164.64
RAA4-B29	1087	5,988	8 - 10	0.035	443.57	0.04	15.52
RAA4-B31	1073	8,495	8 - 10	3.5	629.25	3.50	2,202.38
RAA4-B33E	1252	8,259	8 - 10	<b>0.0175</b>	611.76	0.02	10.71
RAA4-B34	1058	7,774	8 - 10	0.4325	575.87	0.43	249.07
RAA4-B35	1055	5,427	8 - 10	1.32	402.02	1.32	530.66

**TABLE C-12**  
**POST-REMEDATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**8- TO 10-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-C23	1140	4,870	8 - 10	2.13	360.71	2.13	768.31
RAA4-C25	1135	7,196	8 - 10	0.16	533.05	0.16	85.29
RAA4-C27	1088	9,504	8 - 10	1.49	703.99	1.49	1,048.94
RAA4-C29	1086	8,513	8 - 10	0.0785	630.57	0.08	49.50
RAA4-C31	1074	11,450	8 - 10	3.92	848.16	3.92	3,324.78
RAA4-C33	1072	6,305	8 - 10	7.635	467.05	7.64	3,565.91
RAA4-C34	1059,1360	3,612	8 - 10	1.245	267.53	1.25	333.08
RAA4-C35	1054	4,766	8 - 10	5.77	353.02	5.77	2,036.94
RAA4-C36	1167	7,128	8 - 10	13	527.97	13.00	6,863.62
RAA4-D19	1136	6,489	8 - 10	0.0185	480.69	0.02	8.89
RAA4-D21	1134	9,555	8 - 10	0.019	707.79	0.02	13.45
RAA4-D23	1093	9,462	8 - 10	0.72	700.85	0.72	504.61
RAA4-D25	1141	10,799	8 - 10	0.019	799.92	0.02	15.20
RAA4-D27	1153	8,304	8 - 10	3	615.14	3.00	1,845.42
RAA4-D29	1085	4,703	8 - 10	36	348.40	36.00	12,542.45
RAA4-D31	1075	4,070	8 - 10	66.15	301.47	66.15	19,942.56
RAA4-D33	1071	6,840	8 - 10	0.129	506.67	0.13	65.36
RAA4-D34	1060	5,844	8 - 10	1.36	432.89	1.36	588.73
RAA4-D35	1166	7,089	8 - 10	24.3	525.12	24.30	12,760.51
RAA4-D36	1047	10,083	8 - 10	202.5	746.87	202.50	151,241.55
RAA4-E15	1097	8,385	8 - 10	0.018	621.12	0.02	11.18
RAA4-E17	1096,1264	4,719	8 - 10	0.021	349.58	0.02	7.34
RAA4-E19	1137	9,311	8 - 10	0.117	689.74	0.12	80.70
RAA4-E21	1138	8,986	8 - 10	0.02075	665.65	0.02	13.81
RAA4-E23	1139	10,473	8 - 10	3.33	775.78	3.33	2,583.35
RAA4-E27	1154	8,387	8 - 10	680	621.22	680.00	422,432.12
RAA4-E29	1084	6,763	8 - 10	152.5	500.96	152.50	76,395.84
RAA4-E33	1070	8,407	8 - 10	15.6	622.76	15.60	9,715.06
RAA4-E35	1053	10,272	8 - 10	8.675	760.92	8.68	6,600.99
RAA4-E38	1327	1,441	8 - 10	0.575	106.74	0.58	61.38
RAA4-E39	1326	125	8 - 10	3.3	9.29	3.30	30.66
RAA4-F21	1094	6,303	8 - 10	0.96	466.89	0.96	448.21
RAA4-F23	1165	8,096	8 - 10	1.7	599.67	1.70	1,019.43
RAA4-F25	1159	7,157	8 - 10	71	530.16	71.00	37,641.68
RAA4-F27	1155	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
RAA4-F29	1083	7,504	8 - 10	17.05	555.82	17.05	9,476.68
RAA4-F31	1076	10,785	8 - 10	36	798.92	36.00	28,761.04
RAA4-F33	1069	9,935	8 - 10	0.018	735.94	0.02	13.25
RAA4-F34	1061	11,717	8 - 10	0.016	867.95	0.02	13.89
RAA4-F35	1052	8,424	8 - 10	0.019	623.98	0.02	11.86
RAA4-F36	1336	2,640	8 - 10	0.01925	195.59	0.02	3.77
RAA4-G14	1385	4	8 - 10	2.68	0.32	2.68	0.87
RAA4-G17	1164	7,325	8 - 10	0.054	542.60	0.05	29.30
RAA4-G27	1133	11,748	8 - 10	463	870.26	463.00	402,928.32
RAA4-G31	1077	9,979	8 - 10	0.0195	739.18	0.02	14.41
RAA4-G33	1068	9,946	8 - 10	0.0195	736.76	0.02	14.37
RAA4-G34	1062	5,738	8 - 10	0.018	425.06	0.02	7.65
RAA4-G35	1338	369	8 - 10	0.018	27.30	0.02	0.49
RAA4-H17	1098	10,851	8 - 10	0.064	803.76	0.06	51.44
RAA4-H21	1095	6,655	8 - 10	32	492.94	32.00	15,774.22
RAA4-H24	1132	14,488	8 - 10	77	1,073.16	77.00	82,632.98
RAA4-H27	1089	12,666	8 - 10	11.2	938.24	11.20	10,508.24
RAA4-H29	1082	11,125	8 - 10	60.5	824.07	60.50	49,855.99
RAA4-H31	1078	7,561	8 - 10	2.16	560.11	2.16	1,209.84
RAA4-H33	1341	2,436	8 - 10	0.21	180.41	0.21	37.89
RAA4-I19	1131	9,023	8 - 10	20	668.38	20.00	13,367.69
RAA4-I23	1092	8,558	8 - 10	35.425	633.90	35.43	22,455.75
RAA4-I25	1091	9,188	8 - 10	160	680.59	160.00	108,894.10

**TABLE C-12**  
**POST-REMEDATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**8- TO 10-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume	
RAA4-I27	1090	8,147	8 - 10	24	603.51	24.00	14,484.21	
RAA4-I31	1343	198	8 - 10	0.015	14.66	0.02	0.22	
RAA4-K19	1130	8,837	8 - 10	0.059	654.61	0.06	38.62	
RAA4-K21	1162	7,526	8 - 10	9.7	557.45	9.70	5,407.26	
RAA4-K23	1163	5,515	8 - 10	290	408.52	290.00	118,469.94	
RAA4-K25	1160	4,856	8 - 10	1.35	359.71	1.35	485.60	
RAA4-K27	1117	2,037	8 - 10	174	150.85	174.00	26,248.61	
RAA4-M17	1305	762	8 - 10	0.0205	56.46	0.02	1.16	
RAA4-M19	1304	15	8 - 10	0.31	1.09	0.31	0.34	
RAA4-M21	1302	758	8 - 10	0.018	56.15	0.02	1.01	
RAA4-M23	1301	659	8 - 10	0.038	48.82	0.04	1.86	
TW-SB-1	1229	5,596	8 - 10	0.395	414.49	0.40	163.72	
X-4	1184	6,514	8 - 10	105	482.52	105.00	50,664.37	
X-5	1183	10,280	8 - 10	1,500	761.45	1,500.00	1,142,173.33	
X-6	1182	5,278	8 - 10	0.07	390.98	0.07	27.37	
X-7	1178	8,233	8 - 10	1.1	609.82	1.10	670.81	
X-8	1177	9,237	8 - 10	25	684.25	25.00	17,106.20	
X-9	1175	5,788	8 - 10	10	428.71	10.00	4,287.07	
X-10	1174	7,408	8 - 10	160	548.72	160.00	87,794.96	
X-12	1181	4,995	8 - 10	4.45	370.01	4.45	1,646.56	
X-13	1180	6,903	8 - 10	0.025	511.32	0.03	12.78	
X-14	1176	4,569	8 - 10	0.025	338.47	0.03	8.46	
X-15	1173	5,278	8 - 10	0.605	390.93	0.61	236.51	
X-16	1170,1374	5,028	8 - 10	0.09	372.47	0.09	33.52	
X-17	1254	5,587	8 - 10	0.025	413.83	0.03	10.35	
X-18	1171	3,959	8 - 10	0.05	293.30	0.05	14.66	
X-19	1231	2,233	8 - 10	1.07	165.44	1.07	177.02	
X-20	1232	4,446	8 - 10	0.025	329.31	0.03	8.23	
Y-8	1189	2,738	8 - 10	0.025	202.80	0.03	5.07	
Y-9	1190	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.						
Y-10	1191	5,764	8 - 10	20.8	426.94	20.80	8,880.27	
Y-12	1193	9,184	8 - 10	1.6	680.30	1.60	1,088.49	
Y-13	1195	8,379	8 - 10	0.14	620.69	0.14	86.90	
Y-14	1196	9,983	8 - 10	36	739.49	36.00	26,621.57	
Y-15	1197	7,872	8 - 10	0.025	583.08	0.03	14.58	
Y-19	1237	12,248	8 - 10	0.025	907.24	0.03	22.68	
Y-20	1198	11,666	8 - 10	340	864.14	340.00	293,806.34	
Y-21	1384	2,853	8 - 10	0.025	211.35	0.03	5.28	
Y-22	1207	6,023	8 - 10	0.025	446.14	0.03	11.15	
Y-23	1200	11,538	8 - 10	0.025	854.68	0.03	21.37	
Y-24	1201	6,409	8 - 10	1.4625	474.71	1.46	694.27	
Y-26	1202	6,514	8 - 10	0.025	482.48	0.03	12.06	
<b>Totals:</b>	--	1,018,067	--	--	75,412.39	--	3,348,997.52	
<b>Volume-Weighted Average:</b>							<b>44.41</b>	

**10- TO 11-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume	
60-1	1184	3,347	10 - 11	21	123.95	21.00	2,602.96	
60-5	1183	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.						
95-02	1163	4,000	10 - 11	0.012	148.16	0.01	1.78	
95-04	1181	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.						
95-05	1162	9,031	10 - 11	68	334.48	68.00	22,744.49	
95-08	1145	4,944	10 - 11	0.0415	183.13	0.04	7.60	
95-09	1188	7,653	10 - 11	0.018	283.45	0.02	5.10	
95-19	1166	6,846	10 - 11	0.21	253.54	0.21	53.24	

**TABLE C-12**  
**POST-REMEDATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

10- TO 11-FOOT DEPTH INCREMENT (continued)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-26	1144	10,832	10 - 11	0.44	401.20	0.44	176.53
CRA-1	965	6,026	10 - 11	0.0215	223.18	0.02	4.80
CRA-2	966	3,635	10 - 11	0.022	134.65	0.02	2.96
CRA-3	971,1318	4,781	10 - 11	0.016125	177.08	0.02	2.86
CRA-4	970	5,630	10 - 11	0.0215	208.50	0.02	4.48
CRA-5	969	6,439	10 - 11	0.022	238.48	0.02	5.25
CRA-6	968	9,479	10 - 11	0.022	351.07	0.02	7.72
CRA-7	967	6,469	10 - 11	0.022	239.58	0.02	5.27
CRA-8	972,1302	8,767	10 - 11	0.094	324.69	0.09	30.52
CRA-9	973	7,091	10 - 11	0.021	262.64	0.02	5.52
CRA-10	974	8,438	10 - 11	0.022	312.52	0.02	6.88
CRA-11	975	10,012	10 - 11	0.0215	370.82	0.02	7.97
CRA-12	976	9,513	10 - 11	0.0225	352.32	0.02	7.93
CRA-13	977	7,401	10 - 11	0.027	274.11	0.03	7.40
CRA-14	983,1304	8,577	10 - 11	0.0205	317.68	0.02	6.51
CRA-15	982,1305	9,308	10 - 11	0.13	344.75	0.13	44.82
CRA-16	981,1307	8,253	10 - 11	0.145	305.66	0.15	44.32
CRA-17	980,1308	9,802	10 - 11	0.021	363.05	0.02	7.62
CRA-18	979,1310	9,652	10 - 11	0.0225	357.49	0.02	8.04
CRA-19	978,1189	4,789	10 - 11	0.024	177.36	0.02	4.26
CRA-20	984	2,678	10 - 11	0.021	99.19	0.02	2.08
CRA-21	985	3,437	10 - 11	0.02025	127.28	0.02	2.58
CRA-22	986	2,166	10 - 11	0.022	80.21	0.02	1.76
E2SC-05	1122,1309	5,426	10 - 11	0.13	200.97	0.13	26.13
E2SC-06	1154	5,710	10 - 11	0.105	211.49	0.11	22.21
E2SC-07	1176	3,038	10 - 11	1.4	112.52	1.40	157.53
E2SC-13	1253	549	10 - 11	0.05	20.32	0.05	1.02
E2SC-14	1121,1311	5,296	10 - 11	0.018	196.15	0.02	3.53
E2SC-25	1168	7,297	10 - 11	2.4	270.25	2.40	648.61
ES2-5	1160	6,081	10 - 11	0.025	225.22	0.03	5.63
RAA4-2	987	7,816	10 - 11	0.1875	289.47	0.19	54.28
RAA4-4	988	8,269	10 - 11	0.05725	306.25	0.06	17.53
RAA4-16	989	9,023	10 - 11	15.5	334.19	15.50	5,179.96
RAA4-17	990	5,659	10 - 11	0.55	209.60	0.55	115.28
RAA4-18	991,1306	5,342	10 - 11	0.26	197.86	0.26	51.44
RAA4-19	992	4,901	10 - 11	0.022	181.51	0.02	3.99
RAA4-20	993	6,747	10 - 11	0.0195	249.89	0.02	4.87
RAA4-21	994,994B	5,702	10 - 11	0.0275	211.17	0.03	5.81
RAA4-22	1251A,1251B	3,164	10 - 11	0.024	117.18	0.02	2.81
RAA4-A33	1109	4,723	10 - 11	0.29	174.94	0.29	50.73
RAA4-A34	1010	4,805	10 - 11	0.0195	177.98	0.02	3.47
RAA4-A37	1111,1319	4,194	10 - 11	0.53	155.32	0.53	82.32
RAA4-B29	1040	5,988	10 - 11	0.035	221.78	0.04	7.76
RAA4-B31	1026	8,495	10 - 11	3.5	314.63	3.50	1,101.19
RAA4-B33E	1186	8,259	10 - 11	0.0175	305.88	0.02	5.35
RAA4-B34	1011	7,835	10 - 11	0.4325	290.18	0.43	125.50
RAA4-B35	1009	5,567	10 - 11	1.32	206.17	1.32	272.14
RAA4-C23	1093	4,870	10 - 11	2.13	180.35	2.13	384.16
RAA4-C25	1088	7,196	10 - 11	0.16	266.53	0.16	42.64
RAA4-C27	1041	9,751	10 - 11	1.49	361.13	1.49	538.08
RAA4-C29	1039	9,675	10 - 11	0.0785	358.33	0.08	28.13
RAA4-C31	1027	11,450	10 - 11	3.92	424.08	3.92	1,662.39
RAA4-C33	1025	6,305	10 - 11	7.635	233.52	7.64	1,782.96
RAA4-C34	1012,1291	3,612	10 - 11	1.245	133.77	1.25	166.54
RAA4-C35	1008	4,766	10 - 11	5.77	176.51	5.77	1,018.47
RAA4-C36	1120	7,128	10 - 11	13	263.99	13.00	3,431.81
RAA4-D19	1089	6,860	10 - 11	0.0185	254.06	0.02	4.70
RAA4-D21	1087	9,555	10 - 11	0.019	353.90	0.02	6.72

**TABLE C-12**  
**POST-REMEDATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**10- TO 11-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-D23	1046	9,462	10 - 11	0.72	350.43	0.72	252.31
RAA4-D25	1094	10,799	10 - 11	0.019	399.96	0.02	7.60
RAA4-D27	1106	10,178	10 - 11	3	376.96	3.00	1,130.89
RAA4-D29	1038	8,545	10 - 11	36	316.48	36.00	11,393.39
RAA4-D31	1028	4,070	10 - 11	66.15	150.74	66.15	9,971.28
RAA4-D33	1024	6,840	10 - 11	0.129	253.34	0.13	32.68
RAA4-D34	1013	5,844	10 - 11	1.36	216.45	1.36	294.37
RAA4-D35	1119	7,089	10 - 11	24.3	262.56	24.30	6,380.25
RAA4-D36	1001	10,083	10 - 11	202.5	373.44	202.50	75,620.78
RAA4-E15	1050	8,975	10 - 11	0.018	332.40	0.02	5.98
RAA4-E17	1049,1197	10,411	10 - 11	0.021	385.61	0.02	8.10
RAA4-E19	1090	10,592	10 - 11	0.117	392.28	0.12	45.90
RAA4-E21	1091	9,607	10 - 11	0.02075	355.80	0.02	7.38
RAA4-E23	1092	10,473	10 - 11	3.33	387.89	3.33	1,291.68
RAA4-E27	1107	10,028	10 - 11	680	371.42	680.00	252,568.62
RAA4-E29	1037	11,316	10 - 11	152.5	419.12	152.50	63,916.42
RAA4-E33	1023	8,407	10 - 11	15.6	311.38	15.60	4,857.53
RAA4-E35	1007	10,272	10 - 11	8.675	380.46	8.68	3,300.49
RAA4-E38	1258	1,441	10 - 11	0.575	53.37	0.58	30.69
RAA4-E39	1257	125	10 - 11	3.3	4.65	3.30	15.33
RAA4-F21	1047	10,549	10 - 11	0.96	390.71	0.96	375.08
RAA4-F23	1118	8,096	10 - 11	1.7	299.83	1.70	509.72
RAA4-F25	1112	7,157	10 - 11	71	265.08	71.00	18,820.84
RAA4-F27	1108	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
RAA4-F29	1036	8,071	10 - 11	17.05	298.93	17.05	5,096.74
RAA4-F31	1029	10,785	10 - 11	36	399.46	36.00	14,380.52
RAA4-F33	1022	9,935	10 - 11	0.018	367.97	0.02	6.62
RAA4-F34	1014	11,717	10 - 11	0.016	433.98	0.02	6.94
RAA4-F35	1006	8,424	10 - 11	0.019	311.99	0.02	5.93
RAA4-F36	1267	2,640	10 - 11	0.01925	97.80	0.02	1.88
RAA4-G14	1313,1315	1,909	10 - 11	2.68	70.70	2.68	189.48
RAA4-G17	1117	10,320	10 - 11	0.054	382.24	0.05	20.64
RAA4-G27	1086	11,748	10 - 11	463	435.13	463.00	201,464.16
RAA4-G31	1030	9,979	10 - 11	0.0195	369.59	0.02	7.21
RAA4-G33	1021	9,946	10 - 11	0.0195	368.38	0.02	7.18
RAA4-G34	1015	5,738	10 - 11	0.018	212.53	0.02	3.83
RAA4-G35	1269	369	10 - 11	0.018	13.65	0.02	0.25
RAA4-H17	1051	10,870	10 - 11	0.064	402.61	0.06	25.77
RAA4-H21	1048	6,655	10 - 11	32	246.47	32.00	7,887.11
RAA4-H24	1085	14,488	10 - 11	77	536.58	77.00	41,316.49
RAA4-H27	1042	12,666	10 - 11	11.2	469.12	11.20	5,254.12
RAA4-H29	1035	11,125	10 - 11	60.5	412.03	60.50	24,927.99
RAA4-H31	1031	7,561	10 - 11	2.16	280.06	2.16	604.92
RAA4-H33	1272	2,436	10 - 11	0.21	90.21	0.21	18.94
RAA4-I19	1084	12,209	10 - 11	20	452.18	20.00	9,043.67
RAA4-I23	1045	8,558	10 - 11	35.425	316.95	35.43	11,227.88
RAA4-I25	1044	9,188	10 - 11	160	340.29	160.00	54,447.05
RAA4-I27	1043	8,147	10 - 11	24	301.75	24.00	7,242.11
RAA4-I31	1274	198	10 - 11	0.015	7.33	0.02	0.11
RAA4-K19	1083	12,150	10 - 11	0.059	449.99	0.06	26.55
RAA4-K21	1115	8,118	10 - 11	9.7	300.68	9.70	2,916.56
RAA4-K23	1116	5,515	10 - 11	290	204.26	290.00	59,234.97
RAA4-K25	1113	4,856	10 - 11	1.35	179.85	1.35	242.80
RAA4-K27	1070	2,037	10 - 11	174	75.43	174.00	13,124.30
RAA4-M17	1239	762	10 - 11	0.0205	28.23	0.02	0.58
RAA4-M19	1238	507	10 - 11	0.31	18.78	0.31	5.82
RAA4-M21	1237	1,266	10 - 11	0.018	46.91	0.02	0.84
RAA4-M23	1236	659	10 - 11	0.038	24.41	0.04	0.93

**TABLE C-12**  
**POST-REMEDATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**10- TO 11-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume	
TW-SB-1	1167	6,888	10 - 11	0.415	255.09	0.42	105.86	
X-4	1134	6,514	10 - 11	3,500	241.26	3,500.00	844,406.11	
X-5	1133	10,280	10 - 11	6.6	380.72	6.60	2,512.78	
X-7	1130	8,233	10 - 11	7.5	304.91	7.50	2,286.84	
X-8	1129	9,237	10 - 11	33	342.12	33.00	11,290.09	
X-9	1127	5,788	10 - 11	9	214.35	9.00	1,929.18	
X-10	1126	7,408	10 - 11	38	274.36	38.00	10,425.65	
X-13	1132	7,148	10 - 11	0.13	264.74	0.13	34.42	
X-14	1128	4,569	10 - 11	0.5	169.24	0.50	84.62	
X-15	1125	5,278	10 - 11	0.05	195.47	0.05	9.77	
X-16	1123,1303	5,028	10 - 11	0.0825	186.23	0.08	15.36	
X-17	973A	5,587	10 - 11	0.025	206.92	0.03	5.17	
X-20	1169	8,567	10 - 11	0.1225	317.28	0.12	38.87	
Y-9	1136	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.						
Y-10	1137	5,764	10 - 11	105.55	213.47	105.55	22,531.56	
Y-12	1138	10,624	10 - 11	0.025	393.48	0.03	9.84	
Y-14	1139	9,983	10 - 11	260	369.74	260.00	96,133.46	
Y-15	1140	7,872	10 - 11	705	291.54	705.00	205,535.96	
Y-19	1171	12,248	10 - 11	37.8	453.62	37.80	17,146.91	
Y-20	1141	11,666	10 - 11	410	432.07	410.00	177,147.94	
Y-21	1312	3,234	10 - 11	0.025	119.77	0.03	2.99	
Y-23	1143	12,404	10 - 11	0.025	459.42	0.03	11.49	
<b>Totals:</b>	--	1,016,277	--	--	37,639.90	--	2,344,072.02	
						<b>Volume-Weighted Average:</b>	<b>62.28</b>	

**11- TO 12-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume	
60-1	1184	3,347	11 - 12	21	123.95	21.00	2,602.96	
60-5	1183	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.						
95-02	1163	4,000	11 - 12	0.012	148.16	0.01	1.78	
95-04	1181	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.						
95-05	1162	9,031	11 - 12	68	334.48	68.00	22,744.49	
95-08	1145	4,944	11 - 12	0.0415	183.13	0.04	7.60	
95-09	1188	7,653	11 - 12	0.069	283.45	0.07	19.56	
95-19	1166	6,846	11 - 12	0.21	253.54	0.21	53.24	
95-26	1144	10,832	11 - 12	0.44	401.20	0.44	176.53	
CRA-1	965	6,026	11 - 12	0.0215	223.18	0.02	4.80	
CRA-2	966	3,635	11 - 12	0.022	134.65	0.02	2.96	
CRA-3	971,1318	4,781	11 - 12	0.016125	177.08	0.02	2.86	
CRA-4	970	5,803	11 - 12	0.0215	214.92	0.02	4.62	
CRA-5	969	6,554	11 - 12	0.022	242.74	0.02	5.34	
CRA-6	968	9,479	11 - 12	0.022	351.07	0.02	7.72	
CRA-7	967	6,469	11 - 12	0.022	239.58	0.02	5.27	
CRA-8	972,1302	8,767	11 - 12	0.094	324.69	0.09	30.52	
CRA-9	973	10,080	11 - 12	0.021	373.34	0.02	7.84	
CRA-10	974	10,461	11 - 12	0.022	387.46	0.02	8.52	
CRA-11	975	10,012	11 - 12	0.0215	370.82	0.02	7.97	
CRA-12	976	9,513	11 - 12	0.0225	352.32	0.02	7.93	
CRA-13	977	7,401	11 - 12	0.027	274.11	0.03	7.40	
CRA-14	983,1304	8,577	11 - 12	0.0205	317.68	0.02	6.51	
CRA-15	982,1305	9,465	11 - 12	0.13	350.54	0.13	45.57	
CRA-16	981,1307	8,365	11 - 12	0.145	309.83	0.15	44.93	
CRA-17	980,1308	9,802	11 - 12	0.021	363.05	0.02	7.62	
CRA-18	979,1310	9,652	11 - 12	0.0225	357.49	0.02	8.04	
CRA-19	978,1189	4,789	11 - 12	0.024	177.36	0.02	4.26	



**TABLE C-12**  
**POST-REMEDATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

11- TO 12-FOOT DEPTH INCREMENT (continued)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
CRA-20	984	2,696	11 - 12	0.021	99.84	0.02	2.10
CRA-21	985	3,437	11 - 12	0.02025	127.28	0.02	2.58
CRA-22	986	2,166	11 - 12	0.022	80.21	0.02	1.76
E2SC-05	1122,1309	5,426	11 - 12	0.13	200.97	0.13	26.13
E2SC-06	1154	5,710	11 - 12	0.105	211.49	0.11	22.21
E2SC-07	1176	3,038	11 - 12	1.4	112.52	1.40	157.53
E2SC-13	1253	549	11 - 12	0.05	20.32	0.05	1.02
E2SC-14	1121,1311	5,296	11 - 12	0.018	196.15	0.02	3.53
E2SC-25	1168	7,297	11 - 12	2.4	270.25	2.40	648.61
ES2-5	1160	6,081	11 - 12	0.025	225.22	0.03	5.63
RAA4-2	987	7,816	11 - 12	0.1875	289.47	0.19	54.28
RAA4-4	988	8,269	11 - 12	0.05725	306.25	0.06	17.53
RAA4-16	989	9,023	11 - 12	15.5	334.19	15.50	5,179.96
RAA4-17	990	5,659	11 - 12	0.55	209.60	0.55	115.28
RAA4-18	991,1306	5,342	11 - 12	0.26	197.86	0.26	51.44
RAA4-19	992	4,901	11 - 12	0.022	181.51	0.02	3.99
RAA4-20	993	6,747	11 - 12	0.0195	249.89	0.02	4.87
RAA4-21	994,994B	5,702	11 - 12	0.0275	211.17	0.03	5.81
RAA4-22	1251A,1251B	3,164	11 - 12	0.024	117.18	0.02	2.81
RAA4-A33	1109	4,723	11 - 12	0.29	174.94	0.29	50.73
RAA4-A34	1010	4,805	11 - 12	0.0195	177.98	0.02	3.47
RAA4-A37	1111,1319	4,194	11 - 12	0.53	155.32	0.53	82.32
RAA4-B29	1040	5,988	11 - 12	0.035	221.78	0.04	7.76
RAA4-B31	1026	8,495	11 - 12	3.5	314.63	3.50	1,101.19
RAA4-B33E	1186	8,259	11 - 12	0.0175	305.88	0.02	5.35
RAA4-B34	1011	7,835	11 - 12	0.4325	290.18	0.43	125.50
RAA4-B35	1009	5,567	11 - 12	1.32	206.17	1.32	272.14
RAA4-C23	1093	4,870	11 - 12	2.13	180.35	2.13	384.16
RAA4-C25	1088	7,196	11 - 12	0.16	266.53	0.16	42.64
RAA4-C27	1041	9,751	11 - 12	1.49	361.13	1.49	538.08
RAA4-C29	1039	9,675	11 - 12	0.0785	358.33	0.08	28.13
RAA4-C31	1027	11,450	11 - 12	3.92	424.08	3.92	1,662.39
RAA4-C33	1025	6,305	11 - 12	7.635	233.52	7.64	1,782.96
RAA4-C34	1012,1291	3,612	11 - 12	1.245	133.77	1.25	166.54
RAA4-C35	1008	4,766	11 - 12	5.77	176.51	5.77	1,018.47
RAA4-C36	1120	7,128	11 - 12	13	263.99	13.00	3,431.81
RAA4-D19	1089	6,860	11 - 12	0.0185	254.06	0.02	4.70
RAA4-D21	1087	9,555	11 - 12	0.019	353.90	0.02	6.72
RAA4-D23	1046	9,462	11 - 12	0.72	350.43	0.72	252.31
RAA4-D25	1094	10,799	11 - 12	0.019	399.96	0.02	7.60
RAA4-D27	1106	10,178	11 - 12	3	376.96	3.00	1,130.89
RAA4-D29	1038	8,545	11 - 12	36	316.48	36.00	11,393.39
RAA4-D31	1028	4,070	11 - 12	66.15	150.74	66.15	9,971.28
RAA4-D33	1024	6,840	11 - 12	0.129	253.34	0.13	32.68
RAA4-D34	1013	5,844	11 - 12	1.36	216.45	1.36	294.37
RAA4-D35	1119	7,089	11 - 12	24.3	262.56	24.30	6,380.25
RAA4-D36	1001	10,083	11 - 12	202.5	373.44	202.50	75,620.78
RAA4-E15	1050	8,975	11 - 12	0.018	332.40	0.02	5.98
RAA4-E17	1049,1197	10,411	11 - 12	0.021	385.61	0.02	8.10
RAA4-E19	1090	10,592	11 - 12	0.117	392.28	0.12	45.90
RAA4-E21	1091	9,607	11 - 12	0.02075	355.80	0.02	7.38
RAA4-E23	1092	10,473	11 - 12	3.33	387.89	3.33	1,291.68
RAA4-E27	1107	10,028	11 - 12	680	371.42	680.00	252,568.62
RAA4-E29	1037	11,316	11 - 12	152.5	419.12	152.50	63,916.42
RAA4-E33	1023	8,407	11 - 12	15.6	311.38	15.60	4,857.53
RAA4-E35	1007	10,272	11 - 12	8.675	380.46	8.68	3,300.49
RAA4-E38	1258	1,441	11 - 12	0.575	53.37	0.58	30.69
RAA4-E39	1257	125	11 - 12	3.3	4.65	3.30	15.33

**TABLE C-12**  
**POST-REMEDATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**11- TO 12-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-F21	1047	10,549	11 - 12	0.96	390.71	0.96	375.08
RAA4-F23	1118	8,096	11 - 12	1.7	299.83	1.70	509.72
RAA4-F25	1112	7,157	11 - 12	71	265.08	71.00	18,820.84
RAA4-F27	1108	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
RAA4-F29	1036	8,071	11 - 12	17.05	298.93	17.05	5,096.74
RAA4-F31	1029	10,785	11 - 12	36	399.46	36.00	14,380.52
RAA4-F33	1022	9,935	11 - 12	0.018	367.97	0.02	6.62
RAA4-F34	1014	11,717	11 - 12	0.016	433.98	0.02	6.94
RAA4-F35	1006	8,424	11 - 12	0.019	311.99	0.02	5.93
RAA4-F36	1267	2,640	11 - 12	0.01925	97.80	0.02	1.88
RAA4-G14	1313,1315	1,909	11 - 12	2.68	70.70	2.68	189.48
RAA4-G17	1117	10,320	11 - 12	0.054	382.24	0.05	20.64
RAA4-G27	1086	11,748	11 - 12	463	435.13	463.00	201,464.16
RAA4-G31	1030	9,979	11 - 12	0.0195	369.59	0.02	7.21
RAA4-G33	1021	9,946	11 - 12	0.0195	368.38	0.02	7.18
RAA4-G34	1015	5,738	11 - 12	0.018	212.53	0.02	3.83
RAA4-G35	1269	369	11 - 12	0.018	13.65	0.02	0.25
RAA4-H17	1051	10,870	11 - 12	0.064	402.61	0.06	25.77
RAA4-H21	1048	6,655	11 - 12	32	246.47	32.00	7,887.11
RAA4-H24	1085	14,488	11 - 12	77	536.58	77.00	41,316.49
RAA4-H27	1042	12,666	11 - 12	11.2	469.12	11.20	5,254.12
RAA4-H29	1035	11,125	11 - 12	60.5	412.03	60.50	24,927.99
RAA4-H31	1031	7,561	11 - 12	2.16	280.06	2.16	604.92
RAA4-H33	1272	2,436	11 - 12	0.21	90.21	0.21	18.94
RAA4-I19	1084	12,209	11 - 12	20	452.18	20.00	9,043.67
RAA4-I23	1045	8,558	11 - 12	35.425	316.95	35.43	11,227.88
RAA4-I25	1044	9,188	11 - 12	160	340.29	160.00	54,447.05
RAA4-I27	1043	8,147	11 - 12	24	301.75	24.00	7,242.11
RAA4-I31	1274	198	11 - 12	0.015	7.33	0.02	0.11
RAA4-K19	1083	12,150	11 - 12	0.059	449.99	0.06	26.55
RAA4-K21	1115	8,118	11 - 12	9.7	300.68	9.70	2,916.56
RAA4-K23	1116	5,515	11 - 12	290	204.26	290.00	59,234.97
RAA4-K25	1113	4,856	11 - 12	1.35	179.85	1.35	242.80
RAA4-K27	1070	2,037	11 - 12	174	75.43	174.00	13,124.30
RAA4-M17	1239	762	11 - 12	0.0205	28.23	0.02	0.58
RAA4-M19	1238	507	11 - 12	0.31	18.78	0.31	5.82
RAA4-M21	1237	1,266	11 - 12	0.018	46.91	0.02	0.84
RAA4-M23	1236	659	11 - 12	0.038	24.41	0.04	0.93
TW-SB-1	1167	6,888	11 - 12	0.415	255.09	0.42	105.86
X-4	1134	6,514	11 - 12	3,500	241.26	3,500.00	844,406.11
X-5	1133	10,280	11 - 12	6.6	380.72	6.60	2,512.78
X-7	1130	8,233	11 - 12	7.5	304.91	7.50	2,286.84
X-8	1129	9,237	11 - 12	33	342.12	33.00	11,290.09
X-9	1127	5,788	11 - 12	9	214.35	9.00	1,929.18
X-10	1126	7,407	11 - 12	38	274.34	38.00	10,424.81
X-13	1132	7,148	11 - 12	0.13	264.74	0.13	34.42
X-14	1128	4,569	11 - 12	0.5	169.24	0.50	84.62
X-15	1125	5,278	11 - 12	0.05	195.47	0.05	9.77
X-16	1123,1303	5,028	11 - 12	0.0825	186.23	0.08	15.36
X-20	1169	8,567	11 - 12	0.1225	317.28	0.12	38.87
Y-9	1136	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
Y-10	1137	5,764	11 - 12	105.55	213.47	105.55	22,531.56
Y-12	1138	10,624	11 - 12	0.025	393.48	0.03	9.84
Y-14	1139	9,983	11 - 12	260	369.74	260.00	96,133.46
Y-15	1140	7,872	11 - 12	705	291.54	705.00	205,535.96
Y-19	1171	12,248	11 - 12	37.8	453.62	37.80	17,146.91
Y-20	1141	11,666	11 - 12	410	432.07	410.00	177,147.94
Y-21	1312	3,234	11 - 12	0.025	119.77	0.03	2.99
Y-23	1143	12,404	11 - 12	0.025	459.42	0.03	11.49
<b>Totals:</b>	--	1,016,277	--	--	37,639.87	--	2,344,086.04
<b>Volume-Weighted Average:</b>							<b>62.28</b>

**TABLE C-12**  
**POST-REMEDATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**12- TO 14-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
60-1	1140	3,361	12 - 14	21	248.97	21.00	5,228.39
60-5	1139	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.					
95-05	1119	9,323	12 - 14	66	690.60	66.00	45,579.65
95-07	1120	4,122	12 - 14	0.39	305.35	0.39	119.09
95-08	1102	9,608	12 - 14	0.038	711.68	0.04	27.04
95-09	1145	7,653	12 - 13	0.069	566.90	0.05	30.19
			13 - 14	0.0375			
95-19	1123	6,847	12 - 14	0.15	507.19	0.15	76.08
CRA-1	931	6,026	12 - 14	0.0215	446.35	0.02	9.60
CRA-2	932	6,635	12 - 14	0.022	269.29	0.02	5.92
CRA-3	937,1264	4,781	12 - 14	0.016125	354.16	0.02	5.71
CRA-4	936	5,803	12 - 14	0.0215	429.84	0.02	9.24
CRA-5	935	6,554	12 - 14	0.022	485.47	0.02	10.68
CRA-6	934	9,479	12 - 14	0.022	702.14	0.02	15.45
CRA-7	933	6,469	12 - 14	0.022	479.15	0.02	10.54
CRA-8	938,1250	8,767	12 - 14	0.094	649.38	0.09	61.04
CRA-9	939	10,080	12 - 14	0.021	746.68	0.02	15.68
CRA-10	940	10,461	12 - 14	0.022	774.91	0.02	17.05
CRA-11	941	10,012	12 - 14	0.0215	741.65	0.02	15.95
CRA-12	942	9,513	12 - 14	0.0225	704.65	0.02	15.85
CRA-13	943	7,401	12 - 14	0.027	548.22	0.03	14.80
CRA-14	949,1256	8,577	12 - 14	0.0205	635.36	0.02	13.02
CRA-15	948,1252	9,465	12 - 14	0.13	701.08	0.13	91.14
CRA-16	947,1257	8,365	12 - 14	0.145	619.66	0.15	89.85
CRA-17	946,1255	9,802	12 - 14	0.021	726.11	0.02	15.25
CRA-18	945,1254	9,652	12 - 14	0.0225	714.98	0.02	16.09
CRA-19	944,1146	4,789	12 - 14	0.024	354.71	0.02	8.51
CRA-20	950	2,696	12 - 14	0.021	199.68	0.02	4.19
CRA-21	951	3,437	12 - 14	0.02025	254.57	0.02	5.16
CRA-22	952	2,166	12 - 14	0.022	160.41	0.02	3.53
E2SC-05	1087,1253	5,426	12 - 14	0.13	401.93	0.13	52.25
E2SC-06	1111	5,710	12 - 14	0.105	422.97	0.11	44.41
E2SC-07	1133	3,038	12 - 14	1.4	225.05	1.40	315.07
E2SC-13	1208	549	12 - 14	0.05	40.63	0.05	2.03
E2SC-14	1086,1258	5,296	12 - 14	0.018	392.30	0.02	7.06
E2SC-25	1125	7,297	12 - 14	2.4	540.51	2.40	1,297.22
ES2-5	1117	6,081	12 - 14	0.025	450.45	0.03	11.26
RAA4-2	953	7,816	12 - 14	0.1875	578.94	0.19	108.55
RAA4-4	954	8,269	12 - 14	0.05725	612.50	0.06	35.07
RAA4-16	955	9,023	12 - 14	15.5	668.38	15.50	10,359.91
RAA4-17	956	5,659	12 - 14	0.55	419.21	0.55	230.57
RAA4-18	957,1259	5,342	12 - 14	0.26	395.72	0.26	102.89
RAA4-19	958	4,901	12 - 14	0.022	363.02	0.02	7.99
RAA4-20	959	6,747	12 - 14	0.0195	499.77	0.02	9.75
RAA4-21	960,960A	5,702	12 - 14	0.0275	422.33	0.03	11.61
RAA4-22	961,961A	3,164	12 - 14	0.024	234.36	0.02	5.62
RAA4-A33	1074	4,723	12 - 14	0.29	349.87	0.29	101.46
RAA4-A34	976	4,805	12 - 14	0.0195	355.95	0.02	6.94
RAA4-A37	1076,1249	4,194	12 - 14	0.53	310.64	0.53	164.64
RAA4-B29	1006	5,988	12 - 14	0.035	443.57	0.04	15.52
RAA4-B31	992	8,495	12 - 14	3.5	629.25	3.50	2,202.38
RAA4-B33E	1143	8,259	12 - 14	0.0175	611.76	0.02	10.71
RAA4-B34	977	7,835	12 - 14	0.4325	580.35	0.43	251.00
RAA4-B35	975	5,567	12 - 14	1.32	412.33	1.32	544.28
RAA4-C23	1058	4,870	12 - 14	2.13	360.71	2.13	768.31
RAA4-C25	1053	7,196	12 - 14	0.16	533.05	0.16	85.29
RAA4-C27	1007	9,504	12 - 14	1.49	703.99	1.49	1,048.95
RAA4-C29	1005	8,513	12 - 14	0.0785	630.57	0.08	49.50

**TABLE C-12**  
**POST-REMEDATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**12- TO 14-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-C31	993	11,859	12 - 14	3.92	878.47	3.92	3,443.61
RAA4-C33	991	6,305	12 - 14	7.635	467.05	7.64	3,565.91
RAA4-C34	978,1241	3,612	12 - 14	1.245	267.53	1.25	333.08
RAA4-C35	974	4,766	12 - 14	5.77	353.02	5.77	2,036.94
RAA4-C36	1085	7,128	12 - 14	13	527.97	13.00	6,863.62
RAA4-D19	1054	6,860	12 - 14	0.0185	508.13	0.02	9.40
RAA4-D21	1052	9,555	12 - 14	0.019	707.79	0.02	13.45
RAA4-D23	1012	9,462	12 - 14	0.72	700.85	0.72	504.61
RAA4-D25	1059A	10,799	12 - 14	0.019	799.92	0.02	15.20
RAA4-D27	1071A	8,747	12 - 14	3	647.94	3.00	1,943.82
RAA4-D29	1004	9,205	12 - 14	36	681.88	36.00	24,547.63
RAA4-D31	994	8,062	12 - 14	66.15	597.19	66.15	39,504.39
RAA4-D33	990	6,840	12 - 14	0.129	506.67	0.13	65.36
RAA4-D34	979	5,844	12 - 14	1.36	432.89	1.36	588.73
RAA4-D35	1084	7,089	12 - 14	24.3	525.12	24.30	12,760.51
RAA4-D36	967	10,715	12 - 14	202.5	793.72	202.50	160,728.45
RAA4-E15	1016	9,281	12 - 14	0.018	687.48	0.02	12.37
RAA4-E17	1015,1154	10,411	12 - 14	0.021	771.21	0.02	16.20
RAA4-E19	1055	10,592	12 - 14	0.117	784.56	0.12	91.79
RAA4-E21	1056	9,608	12 - 14	0.02075	711.70	0.02	14.77
RAA4-E23	1057	10,559	12 - 14	3.33	782.16	3.33	2,604.61
RAA4-E27	1072A	10,047	12 - 14	680	744.21	680.00	506,063.05
RAA4-E29	1003	11,625	12 - 14	152.5	861.13	152.50	131,322.61
RAA4-E33	989	8,407	12 - 14	15.6	622.76	15.60	9,715.06
RAA4-E35	973	10,997	12 - 14	8.675	814.62	8.68	7,066.83
RAA4-E38	1213	1,441	12 - 14	0.575	106.74	0.58	61.38
RAA4-E39	1212	125	12 - 14	3.3	9.29	3.30	30.66
RAA4-F21	1013	12,719	12 - 14	0.96	942.18	0.96	904.49
RAA4-F23	1083	11,742	12 - 14	1.7	869.80	1.70	1,478.66
RAA4-F25	1077	7,507	12 - 14	71	556.04	71.00	39,479.00
RAA4-F27	1073	10,805	12 - 14	93.1	800.35	93.10	74,512.48
RAA4-F29	1002	13,935	12 - 14	17.05	1,032.22	17.05	17,599.31
RAA4-F31	995	10,894	12 - 14	36	806.94	36.00	29,050.00
RAA4-F33	988	9,935	12 - 14	0.018	735.94	0.02	13.25
RAA4-F34	980	11,717	12 - 14	0.016	867.95	0.02	13.89
RAA4-F35	972	8,424	12 - 14	0.019	623.98	0.02	11.86
RAA4-F36	1220	4,027	12 - 14	0.01925	298.33	0.02	5.74
RAA4-G17	1082	10,936	12 - 14	0.054	810.07	0.05	43.74
RAA4-G27	1051	12,753	12 - 14	463	944.70	463.00	437,394.73
RAA4-G31	996	11,935	12 - 14	0.0195	884.07	0.02	17.24
RAA4-G33	987	9,946	12 - 14	0.0195	736.76	0.02	14.37
RAA4-G34	981	5,738	12 - 14	0.018	425.06	0.02	7.65
RAA4-G35	1222	369	12 - 14	0.018	27.30	0.02	0.49
RAA4-H17	1017	10,870	12 - 14	0.064	805.22	0.06	51.53
RAA4-H21	1014	9,426	12 - 14	32	698.25	32.00	22,343.96
RAA4-H24	1050	15,916	12 - 14	77	1,178.94	77.00	90,778.15
RAA4-H27	1008	12,835	12 - 14	11.2	950.70	11.20	10,647.89
RAA4-H29	1001	15,173	12 - 14	60.5	1,123.94	60.50	67,998.19
RAA4-H31	997	7,562	12 - 14	2.16	560.11	2.16	1,209.84
RAA4-H33	1225	2,436	12 - 14	0.21	180.41	0.21	37.89
RAA4-I19	1049	12,209	12 - 14	20	904.37	20.00	18,087.35
RAA4-I23	1011	12,214	12 - 14	35.425	904.75	35.43	32,050.70
RAA4-I25	1010	9,304	12 - 14	160	689.16	160.00	110,265.01
RAA4-I27	1009	9,601	12 - 14	24	711.17	24.00	17,068.18
RAA4-I31	998A	289	12 - 14	0.015	21.44	0.02	0.32
RAA4-K19	1048	12,150	12 - 14	0.059	899.99	0.06	53.10
RAA4-K21	1080	10,551	12 - 14	9.7	781.57	9.70	7,581.20
RAA4-K23	1081	10,698	12 - 14	290	792.46	290.00	229,814.69

**TABLE C-12**  
**POST-REMEDATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**12- TO 14-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-K25	1078	5,860	12 - 14	1.35	434.09	1.35	586.02
RAA4-K27	1036	2,037	12 - 14	174	150.85	174.00	26,248.61
RAA4-M17	1192	762	12 - 14	<b>0.0205</b>	56.46	0.02	1.16
RAA4-M19	1191	507	12 - 14	0.31	37.56	0.31	11.64
RAA4-M21	1190	2,165	12 - 14	0.018	160.34	0.02	2.89
RAA4-M23	1189	1,105	12 - 14	0.038	81.88	0.04	3.11
TW-SB-1	1124	6,888	12 - 14	<b>0.415</b>	510.19	0.42	211.73
X-5	1095A	10,280	12 - 14	8.8	761.45	8.80	6,700.75
X-7	1094	8,713	12 - 14	8.2	645.39	8.20	5,292.16
X-8	1093	9,237	12 - 14	39	684.25	39.00	26,685.68
X-9	1091	5,788	12 - 14	0.06	428.71	0.06	25.72
X-14	1092	4,569	12 - 14	1.7	338.47	1.70	575.41
X-15	1090	5,278	12 - 14	<b>0.025</b>	390.93	0.03	9.77
X-16	1088,1251	5,028	12 - 14	0.19	372.47	0.19	70.77
X-20	1126	8,567	12 - 14	0.1	634.56	0.10	63.46
Y-12	1097	10,624	12 - 14	1.1	786.96	1.10	865.65
Y-14	1098	10,568	12 - 14	39.935	782.81	39.94	31,261.59
Y-19	1128	12,248	12 - 14	0.61	907.24	0.61	553.42
Y-20	1099	12,314	12 - 14	52.8	912.14	52.80	48,161.23
Y-21	1260	4,219	12 - 14	0.325	312.54	0.33	101.58
Y-23	1101	12,404	12 - 14	<b>0.025</b>	918.84	0.03	22.97
<b>Totals:</b>	--	1,032,529	--	--	76,483.64	--	2,339,279.18
<b>Volume-Weighted Average:</b>							<b>30.59</b>

**14- TO 15-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume	
60-1	1109	3,361	14 - 15	21	124.49	21.00	2,614.20	
60-5	1108	Polygon(s) removed from further evaluation to represent the placement of pavement enhancement.						
95-07	1091	4,122	14 - 15	<b>2.3</b>	152.68	2.30	351.16	
95-08	1076	9,608	14 - 15	<b>0.0455</b>	355.84	0.05	16.19	
95-09	1113	7,653	14 - 15	<b>0.0375</b>	283.45	0.04	10.63	
95-19	1094	6,847	14 - 15	0.072	253.60	0.07	18.26	
CRA-1	909	6,026	14 - 15	<b>0.0215</b>	223.18	0.02	4.80	
CRA-2	910	3,635	14 - 15	<b>0.022</b>	134.65	0.02	2.96	
CRA-3	915,1226	4,781	14 - 15	<b>0.016125</b>	177.08	0.02	2.86	
CRA-4	914	5,803	14 - 15	<b>0.0215</b>	214.92	0.02	4.62	
CRA-5	913	6,554	14 - 15	<b>0.022</b>	242.74	0.02	5.34	
CRA-6	912	9,479	14 - 15	<b>0.022</b>	351.07	0.02	7.72	
CRA-7	911	6,469	14 - 15	<b>0.022</b>	239.58	0.02	5.27	
CRA-8	916,1225	8,767	14 - 15	0.094	324.69	0.09	30.52	
CRA-9	917	10,080	14 - 15	<b>0.021</b>	373.34	0.02	7.84	
CRA-10	918	10,461	14 - 15	<b>0.022</b>	387.46	0.02	8.52	
CRA-11	919	10,012	14 - 15	<b>0.0215</b>	370.82	0.02	7.97	
CRA-12	920	9,513	14 - 15	<b>0.0225</b>	352.32	0.02	7.93	
CRA-13	921	7,401	14 - 15	<b>0.027</b>	274.11	0.03	7.40	
CRA-14	927,1223	8,530	14 - 15	<b>0.0205</b>	315.92	0.02	6.48	
CRA-15	926,1220	9,465	14 - 15	0.13	350.54	0.13	45.57	
CRA-16	925,1218	8,365	14 - 15	0.145	309.83	0.15	44.93	
CRA-17	924,1217	9,802	14 - 15	<b>0.021</b>	363.05	0.02	7.62	
CRA-18	923,1216	9,652	14 - 15	<b>0.0225</b>	357.49	0.02	8.04	
CRA-19	922,1114	4,789	14 - 15	<b>0.024</b>	177.36	0.02	4.26	
CRA-20	928	2,696	14 - 15	<b>0.021</b>	99.84	0.02	2.10	
CRA-21	929	3,437	14 - 15	<b>0.02025</b>	127.28	0.02	2.58	
CRA-22	930	2,166	14 - 15	<b>0.022</b>	80.21	0.02	1.76	
E2SC-05	1065,1222	5,426	14 - 15	0.13	200.97	0.13	26.13	

**TABLE C-12**  
**POST-REMEDATION CONDITIONS**  
**AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**14- TO 15-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
E2SC-06	1084	4,931	14 - 15	0.105	182.64	0.11	19.18
E2SC-07	1102	3,038	14 - 15	1.4	112.52	1.40	157.53
E2SC-13	1175	549	14 - 15	0.05	20.32	0.05	1.02
E2SC-14	1064,1219	5,296	14 - 15	0.018	196.15	0.02	3.53
E2SC-25	1095	14,091	14 - 15	2.4	521.89	2.40	1,252.53
ES2-5	1089	6,081	14 - 15	1.97	225.22	1.97	443.69
RAA4-2	931	8,189	14 - 15	0.1875	303.28	0.19	56.87
RAA4-4	932	8,221	14 - 15	0.05725	304.49	0.06	17.43
RAA4-16	933	7,482	14 - 15	15.5	277.12	15.50	4,295.39
RAA4-17	934	4,115	14 - 15	0.55	152.39	0.55	83.82
RAA4-18	935,1221	5,342	14 - 15	0.26	197.86	0.26	51.44
RAA4-19	936	4,901	14 - 15	0.022	181.51	0.02	3.99
RAA4-20	937	6,747	14 - 15	0.0195	249.89	0.02	4.87
RAA4-21	938,938A	5,702	14 - 15	0.0275	211.17	0.03	5.81
RAA4-22	939,939A	3,164	14 - 15	0.024	117.18	0.02	2.81
RAA4-A33	1052	4,723	14 - 15	0.29	174.94	0.29	50.73
RAA4-A34	954	5,620	14 - 15	0.0195	208.15	0.02	4.06
RAA4-A37	1054,1227	6,459	14 - 15	0.53	239.23	0.53	126.79
RAA4-B29	984	5,988	14 - 15	0.035	221.78	0.04	7.76
RAA4-B31	970	8,495	14 - 15	3.5	314.63	3.50	1,101.19
RAA4-B33E	1111	8,259	14 - 15	0.0175	305.88	0.02	5.35
RAA4-B34	955	7,835	14 - 15	0.4325	290.18	0.43	125.50
RAA4-B35	953	10,773	14 - 15	1.32	399.01	1.32	526.70
RAA4-C23	1036	4,870	14 - 15	2.13	180.35	2.13	384.16
RAA4-C25	1031	7,196	14 - 15	0.16	266.53	0.16	42.64
RAA4-C27	985	9,504	14 - 15	1.49	352.00	1.49	524.47
RAA4-C29	983	8,513	14 - 15	0.0785	315.28	0.08	24.75
RAA4-C31	971	11,859	14 - 15	3.92	439.24	3.92	1,721.80
RAA4-C33	969	6,305	14 - 15	7.635	233.52	7.64	1,782.96
RAA4-C34	956,1213	3,612	14 - 15	1.245	133.77	1.25	166.54
RAA4-C35	952	4,766	14 - 15	5.77	176.51	5.77	1,018.47
RAA4-C36	1063	7,128	14 - 15	13	263.99	13.00	3,431.81
RAA4-D19	1032	6,860	14 - 15	0.0185	254.06	0.02	4.70
RAA4-D21	1030	9,555	14 - 15	0.019	353.90	0.02	6.72
RAA4-D23	990	9,465	14 - 15	0.72	350.55	0.72	252.39
RAA4-D25	1037	13,684	14 - 15	0.019	506.83	0.02	9.63
RAA4-D27	1049	8,747	14 - 15	3	323.98	3.00	971.93
RAA4-D29	982	9,205	14 - 15	36	340.94	36.00	12,273.81
RAA4-D31	972	8,062	14 - 15	66.15	298.60	66.15	19,752.19
RAA4-D33	968	7,118	14 - 15	0.129	263.62	0.13	34.01
RAA4-D34	957	10,454	14 - 15	1.36	387.17	1.36	526.55
RAA4-D35	1062	9,888	14 - 15	24.3	366.23	24.30	8,899.35
RAA4-D36	945	11,002	14 - 15	202.5	407.50	202.50	82,518.30
RAA4-E15	994	9,281	14 - 15	0.018	343.74	0.02	6.19
RAA4-E17	993,1122	10,921	14 - 15	0.021	404.49	0.02	8.49
RAA4-E19	1033	13,398	14 - 15	0.117	496.21	0.12	58.06
RAA4-E21	1034	9,608	14 - 15	0.02075	355.85	0.02	7.38
RAA4-E23	1035	12,750	14 - 15	3.33	472.21	3.33	1,572.46
RAA4-E27	1050	12,905	14 - 15	680	477.97	680.00	325,018.34
RAA4-E29	981	11,625	14 - 15	152.5	430.57	152.50	65,661.30
RAA4-E33	967	10,715	14 - 15	15.6	396.84	15.60	6,190.71
RAA4-E35	951	14,969	14 - 15	8.675	554.41	8.68	4,809.55
RAA4-E38	1180	1,441	14 - 15	0.575	53.37	0.58	30.69
RAA4-E39	1179	125	14 - 15	3.3	4.65	3.30	15.33
RAA4-F21	991	20,837	14 - 15	0.96	771.73	0.96	740.86
RAA4-F23	1061	14,856	14 - 15	1.7	550.23	1.70	935.39
RAA4-F25	1055	14,371	14 - 15	71	532.24	71.00	37,789.17
RAA4-F27	1051	10,997	14 - 15	93.1	407.30	93.10	37,920.08

**TABLE C-12  
POST-REMEDIATION CONDITIONS  
AVERAGING AREA 4B - FORMER GAS PLANT/SCRAP YARD AREA: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**14- TO 15-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-F29	980	13,935	14 - 15	17.05	516.11	17.05	8,799.66
RAA4-F31	973	10,894	14 - 15	36	403.47	36.00	14,525.00
RAA4-F33	966	9,935	14 - 15	<b>0.018</b>	367.97	0.02	6.62
RAA4-F34	958	12,489	14 - 15	0.016	462.57	0.02	7.40
RAA4-F35	950	8,424	14 - 15	<b>0.019</b>	311.99	0.02	5.93
RAA4-F36	1187	4,027	14 - 15	<b>0.01925</b>	149.17	0.02	2.87
RAA4-G17	1060	16,891	14 - 15	0.054	625.59	0.05	33.78
RAA4-G27	1029	15,616	14 - 15	463	578.37	463.00	267,784.45
RAA4-G31	974	11,935	14 - 15	<b>0.0195</b>	442.03	0.02	8.62
RAA4-G33	965	9,946	14 - 15	<b>0.0195</b>	368.38	0.02	7.18
RAA4-G34	959	5,738	14 - 15	<b>0.018</b>	212.53	0.02	3.83
RAA4-G35	1189	369	14 - 15	<b>0.018</b>	13.65	0.02	0.25
RAA4-H17	995	12,076	14 - 15	0.064	447.25	0.06	28.62
RAA4-H21	992	26,634	14 - 15	32	986.45	32.00	31,566.34
RAA4-H24	1028	18,014	14 - 15	77	667.18	77.00	51,372.60
RAA4-H27	986	12,835	14 - 15	11.2	475.36	11.20	5,323.99
RAA4-H29	979	15,173	14 - 15	60.5	561.97	60.50	33,999.10
RAA4-H31	975	7,562	14 - 15	2.16	280.06	2.16	604.92
RAA4-H33	1192	2,436	14 - 15	0.21	90.21	0.21	18.94
RAA4-I19	1027	17,357	14 - 15	20	642.87	20.00	12,857.40
RAA4-I23	989	13,230	14 - 15	35.425	489.99	35.43	17,358.07
RAA4-I25	988	9,304	14 - 15	160	344.58	160.00	55,132.50
RAA4-I27	987	9,601	14 - 15	24	355.59	24.00	8,534.09
RAA4-I31	976A	289	14 - 15	0.015	10.72	0.02	0.16
RAA4-K19	1026	12,200	14 - 15	0.059	451.84	0.06	26.66
RAA4-K21	1058	12,604	14 - 15	9.7	466.82	9.70	4,528.11
RAA4-K23	1059	10,698	14 - 15	290	396.23	290.00	114,907.34
RAA4-K25	1056	5,860	14 - 15	1.35	217.05	1.35	293.01
RAA4-K27	1014	2,037	14 - 15	174	75.43	174.00	13,124.30
RAA4-M17	1159	762	14 - 15	<b>0.0205</b>	28.23	0.02	0.58
RAA4-M19	1158	507	14 - 15	0.31	18.78	0.31	5.82
RAA4-M21	1157	2,165	14 - 15	0.018	80.17	0.02	1.44
RAA4-M23	1156	1,105	14 - 15	0.038	40.94	0.04	1.56
X-7	1071	8,713	14 - 15	27	322.69	27.00	8,712.70
X-14	1070	4,569	14 - 15	35	169.24	35.00	5,923.31
X-15	1069	5,278	14 - 15	1	195.47	1.00	195.47
X-16	1066,1224	5,028	14 - 15	0.14	186.23	0.14	26.07
X-18	1067	3,959	14 - 15	0.1725	146.65	0.17	25.30
Y-12	1074	10,624	14 - 15	10.5	393.48	10.50	4,131.52
Y-21	1197	4,219	14 - 15	<b>0.025</b>	156.27	0.03	3.91
<b>Totals:</b>	--	1,032,529	--	--	38,241.82	--	1,286,612.27
<b>Volume-Weighted Average:</b>							<b>33.64</b>

**SUMMARY: 0- TO 15-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
<b>Totals:</b>	--	1,006,148	0 - 15	--	558,971.00	--	31,323,366.71
<b>Volume-Weighted Average:</b>							<b>56.04</b>

**Notes:**

1. Polygon ID and area based on information shown on Figures C-8 through C-12.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

ARCADIS

Averaging Area 4D



**TABLE C-13  
EXISTING CONDITIONS  
AVERAGING AREA 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP: 0- TO 1-FOOT DEPTH INCREMENT (UNPAVED)**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**0- TO 0.5-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
211S	1782,1782A,2547*,2548	6,158	0 - 0.5	2.6	114.04	2.60	296.49
95-06	1990,2096*,2097	2,886	0 - 0.5	6.4	53.44	6.40	342.01
95-28	1969,2163*,2164,2267*,2409*,2422	4,185	0 - 0.5	20	77.50	20.00	1,550.09
E2SC-01	1978,2418,2557*	5,493	0 - 0.5	0.66	101.73	0.66	67.14
E2SC-02	1979,2092*,2423,2563	5,731	0 - 0.5	49	106.13	49.00	5,200.26
E2SC-03	2219A	92	0 - 0.5	25	1.70	25.00	42.44
E2SC-04	2011	4,676	0 - 0.5	0.555	86.59	0.56	48.06
E2SC-06	2331	262	0 - 0.5	0.59	4.85	0.59	2.86
E2SC-07	2327	2,075	0 - 0.5	0.79	38.43	0.79	30.36
E2SC-09	2009	576	0 - 0.5	20	10.67	20.00	213.44
E2SC-10	2008,2571*	3,054	0 - 0.5	0.19	56.56	0.19	10.75
E2SC-11	1976,2099*,2100	3,456	0 - 0.5	0.1	64.00	0.10	6.40
E2SC-13	2013,2545*,2546	5,923	0 - 0.5	0.21	109.68	0.21	23.03
E2SC-16	1977	3,276	0 - 0.5	120	60.66	120.00	7,279.78
E2SC-17	2010,2411*	2,707	0 - 0.5	2.4	50.13	2.40	120.32
ES2-1	2016,2569*	1,426	0 - 0.5	54	26.40	54.00	1,425.60
ES2-6	2015,2241*,2407*	2,214	0 - 0.5	1.5	41.00	1.50	61.49
RAA4-19	2326	1,682	0 - 0.5	2.2	31.16	2.20	68.54
RAA4-20	2325	764	0 - 0.5	1.93	14.14	1.93	27.29
RAA4-21	2323	489	0 - 0.5	0.0195	9.05	0.02	0.18
RAA4-24	1753	2,256	0 - 0.5	0.45	41.77	0.45	18.80
RAA4-E38	1786,2155*,2329,2561	4,413	0 - 0.5	0.36	81.71	0.36	29.42
RAA4-E38S	2067,2157*,2158,2161*,2162,2202*, 2416,2560*	4,291	0 - 0.5	0.19	79.46	0.19	15.10
RAA4-E39	1785,2420,2559*	5,841	0 - 0.5	0.16	108.17	0.16	17.31
RAA4-E40	1861,2556,2558*	8,309	0 - 0.5	1.87	153.87	1.87	287.73
RAA4-E41S	2083	4,760	0 - 0.5	0.48	88.15	0.48	42.31
RAA4-E42	1936,2544*,2555	3,536	0 - 0.5	0.22	65.49	0.22	14.41
RAA4-F35	2342	1,456	0 - 0.5	1.3	26.97	1.30	35.06
RAA4-F36	1788	2,108	0 - 0.5	3.1	39.03	3.10	121.00
RAA4-F37	1894	3,698	0 - 0.5	61	68.49	61.00	4,177.90
RAA4-F41	1784	2,399	0 - 0.5	0.1805	44.42	0.18	8.02
RAA4-F42	1783	3,977	0 - 0.5	0.78	73.64	0.78	57.44
RAA4-F43	1846,2091*,2472*	2,195	0 - 0.5	0.019	40.65	0.02	0.77
RAA4-G33	2345	45	0 - 0.5	1.63	0.83	1.63	1.36
RAA4-G34	2344	4,153	0 - 0.5	3.4	76.91	3.40	261.49
RAA4-G35	1791	8,800	0 - 0.5	0.26	162.96	0.26	42.37
RAA4-G36	1789,2098*,2568	8,637	0 - 0.5	0.045	159.95	0.05	7.20
RAA4-H31	2347	1,418	0 - 0.5	0.87	26.25	0.87	22.84
RAA4-H33	1807	7,593	0 - 0.5	4.6	140.60	4.60	646.77
RAA4-H34	1803,2102*,2572	9,755	0 - 0.5	39	180.65	39.00	7,045.32
RAA4-H35	1790,2101*,2570	8,078	0 - 0.5	0.375	149.60	0.38	56.10
RAA4-HH30	2108,2210	263	0 - 0.5	32.7	4.88	32.70	159.51
RAA4-I30	1819A,2209	230	0 - 0.5	390	4.26	390.00	1,661.04
RAA4-I31	1819,2107,2580	3,460	0 - 0.5	230	64.08	230.00	14,738.36
RAA4-I33	1806,2105*,2579	9,210	0 - 0.5	9.1	170.56	9.10	1,552.13
RAA4-I34	1804,2103*,2104	5,826	0 - 0.5	5	107.89	5.00	539.45
RAA4-I35	1888,2576*	2,852	0 - 0.5	0.84	52.82	0.84	44.37
RAA4-J31	2207,2278	2,302	0 - 0.5	23.5	42.63	23.50	1,001.80
RAA4-K31	2277	555	0 - 0.5	45	10.29	45.00	462.91
RAA4-K33	1805	3,278	0 - 0.5	0.254	60.71	0.25	15.42
RCP-C2	2006	3,482	0 - 0.5	44	64.48	44.00	2,837.27
RCP-C3	2007,2095*	4,139	0 - 0.5	38	76.64	38.00	2,912.33
RCP-C4	1973	1,817	0 - 0.5	10	33.65	10.00	336.53
SL0002	2027B	47	0 - 0.5	1.87	0.87	1.87	1.63
SL0003	2473	1,207	0 - 0.5	3.55	22.34	3.55	79.32
SL0005	2565	5	0 - 0.5	74	0.09	74.00	6.63
SL0006	2475	1,359	0 - 0.5	9.4	25.17	9.40	236.60
SL0009	2477	860	0 - 0.5	4.34	15.93	4.34	69.15
SL0011	2482	817	0 - 0.5	0.92	15.13	0.92	13.92

**TABLE C-13  
EXISTING CONDITIONS  
AVERAGING AREA 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP: 0- TO 1-FOOT DEPTH INCREMENT (UNPAVED)**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**0- TO 0.5-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
SL0014	2276	689	0 - 0.5	4.2175	12.75	4.22	53.79
SL0021	2023A	42	0 - 0.5	96	0.78	96.00	74.60
SL0022	2483	1,739	0 - 0.5	5.5	32.20	5.50	177.10
SL0028	22,2218*,2219,2406*,2410	2,290	0 - 0.5	0.58	42.42	0.58	24.60
SL0030	2265*,2405	491	0 - 0.5	7.79	9.08	7.79	70.76
SL0033	2480	908	0 - 0.5	0.67	16.82	0.67	11.27
SL0036	2577	212	0 - 0.5	0.65	3.93	0.65	2.56
SL0043	2239	768	0 - 0.5	20	14.23	20.00	284.60
SL0046	2575	15	0 - 0.5	0.495	0.28	0.50	0.14
SL0344	2484A	3	0 - 0.5	2.31	0.06	2.31	0.14
SL0345	2484	358	0 - 0.5	7.4	6.63	7.40	49.03
SL0377	2482A	24	0 - 0.5	10.9	0.44	10.90	4.75
SL0378	2023	2,079	0 - 0.5	0.89	38.51	0.89	34.27
SL0381	2024	2,202	0 - 0.5	1.4	40.78	1.40	57.09
SL0394	2481	1,611	0 - 0.5	0.39	29.83	0.39	11.63
SL0397	2574	224	0 - 0.5	<b>0.255</b>	4.15	0.26	1.06
SL0399	2479	11	0 - 0.5	3.8	0.21	3.80	0.78
SL0400	2478	365	0 - 0.5	31	6.76	31.00	209.54
SL0403	2237*,2238,2269,2271*,2408	1,441	0 - 0.5	12.76	26.69	12.76	340.50
SL0405	2567	118	0 - 0.5	51.5	2.19	51.50	112.75
SL0406	2025	456	0 - 0.5	4.7	8.45	4.70	39.73
SL0408	2476A	285	0 - 0.5	70.3	5.28	70.30	371.28
SL0409	2476	672	0 - 0.5	69	12.44	69.00	858.31
SL0410	2027A	2	0 - 0.5	13.2	0.03	13.20	0.39
SL0411	2474	56	0 - 0.5	7	1.04	7.00	7.28
SL0412	2027	1,008	0 - 0.5	25	18.66	25.00	466.52
X-11	1943*,2094,2566	3,940	0 - 0.5	0.06	72.96	0.06	4.38
<b>Totals:</b>	--	218,561	--	--	4,047.44	--	59,662.42
<b>Volume-Weighted Average:</b>							<b>14.74</b>

**0.5- TO 1-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-06	1840,1938*,1939	3,646	0.5 - 1	6.4	67.52	6.40	432.10
95-28	1820,2002*,2003,2098*,2100*,2249	4,737	0.5 - 1	20	87.72	20.00	1,754.42
E2SC-01	1829,2245,2376*	5,493	0.5 - 1	0.66	101.73	0.66	67.14
E2SC-02	1830,1934*,2235,2236*,2250	5,737	0.5 - 1	49	106.24	49.00	5,205.88
E2SC-03	2059*,2060,2234*	3,182	0.5 - 1	25	58.93	25.00	1,473.27
E2SC-04	1861,1861A	6,793	0.5 - 1	0.555	125.79	0.56	69.81
E2SC-06	2159	262	0.5 - 1	0.59	4.85	0.59	2.86
E2SC-07	2155	2,075	0.5 - 1	0.79	38.43	0.79	30.36
E2SC-09	1859	1,576	0.5 - 1	20	29.19	20.00	583.86
E2SC-10	1858,2382*	3,707	0.5 - 1	0.19	68.65	0.19	13.04
E2SC-11	1827,1941*,1942	4,201	0.5 - 1	0.1	77.80	0.10	7.78
E2SC-13	1863,2359*,2360	6,963	0.5 - 1	0.21	128.95	0.21	27.08
E2SC-16	1828	4,553	0.5 - 1	120	84.32	120.00	10,118.16
E2SC-17	1860,2238*	3,510	0.5 - 1	2.4	65.00	2.40	155.99
ES2-1	1866,2379*	1,430	0.5 - 1	54	26.48	54.00	1,429.66
ES2-6	1865,2073*,2101*	2,514	0.5 - 1	1.5	46.55	1.50	69.83
RAA4-19	2154	1,682	0.5 - 1	2.2	31.16	2.20	68.54
RAA4-20	2153	764	0.5 - 1	1.93	14.14	1.93	27.29
RAA4-21	2151	489	0.5 - 1	<b>0.0195</b>	9.05	0.02	0.18
RAA4-24	1609	2,256	0.5 - 1	0.45	41.77	0.45	18.80
RAA4-E38	1638,1994*,2157,2372	4,413	0.5 - 1	0.36	81.71	0.36	29.42
RAA4-E38S	1909,1996*,1997,2000*,2001,2040*, 2243,2370*	4,291	0.5 - 1	0.19	79.46	0.19	15.10
RAA4-E39	1637,2247,2371*	5,841	0.5 - 1	0.16	108.17	0.16	17.31

**TABLE C-13  
EXISTING CONDITIONS  
AVERAGING AREA 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP: 0- TO 1-FOOT DEPTH INCREMENT (UNPAVED)**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**0.5- TO 1-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-E40	1713,2368*,2369,2369A	9,631	0.5 - 1	1.87	178.36	1.87	333.52
RAA4-E41S	1925,1925A	7,404	0.5 - 1	0.48	137.12	0.48	65.82
RAA4-E42	1787,2358*,2367	3,536	0.5 - 1	0.22	65.49	0.22	14.41
RAA4-F35	2170	1,456	0.5 - 1	1.3	26.97	1.30	35.06
RAA4-F36	1640	2,108	0.5 - 1	3.1	39.03	3.10	121.00
RAA4-F37	1746	3,698	0.5 - 1	61	68.49	61.00	4,177.90
RAA4-F41	1636,1636A	4,800	0.5 - 1	0.1805	88.88	0.18	16.04
RAA4-F42	1635	4,706	0.5 - 1	0.78	87.14	0.78	67.97
RAA4-F43	1698,1933*,2373*	2,195	0.5 - 1	<b>0.019</b>	40.65	0.02	0.77
RAA4-G33	2173	45	0.5 - 1	1.63	0.83	1.63	1.36
RAA4-G34	2172	4,153	0.5 - 1	3.4	76.91	3.40	261.49
RAA4-G35	1643	8,800	0.5 - 1	0.26	162.96	0.26	42.37
RAA4-G36	1641,1940*,2380	8,637	0.5 - 1	0.045	159.95	0.05	7.20
RAA4-H31	2175	1,418	0.5 - 1	0.87	26.25	0.87	22.84
RAA4-H33	1659	7,593	0.5 - 1	4.6	140.60	4.60	646.77
RAA4-H34	1655,1944*,2383	9,778	0.5 - 1	39	181.07	39.00	7,061.64
RAA4-H35	1642,1943*,2381	8,287	0.5 - 1	0.375	153.46	0.38	57.55
RAA4-HH30	1951,2048	263	0.5 - 1	32.7	4.88	32.70	159.51
RAA4-I30	1747A,2047	230	0.5 - 1	390	4.26	390.00	1,661.04
RAA4-I31	1671,1949,2388	3,460	0.5 - 1	230	64.08	230.00	14,738.36
RAA4-I33	1658,1947*,2387	9,846	0.5 - 1	9.1	182.32	9.10	1,659.15
RAA4-I34	1945*,1946,1656	9,105	0.5 - 1	5	168.61	5.00	843.04
RAA4-I35	1740,2384*	5,028	0.5 - 1	0.84	93.11	0.84	78.21
RAA4-J31	2045,2110	2,302	0.5 - 1	23.5	42.63	23.50	1,001.80
RAA4-K31	2109	684	0.5 - 1	45	12.67	45.00	570.36
RAA4-K33	1657	5,906	0.5 - 1	0.254	109.36	0.25	27.78
RCP-C2	1856	3,482	0.5 - 1	44	64.48	44.00	2,837.27
RCP-C3	1857,1937*	4,139	0.5 - 1	38	76.64	38.00	2,912.33
RCP-C4	1824	1,817	0.5 - 1	10	33.65	10.00	336.53
X-11	1794*,1936,2377	3,940	0.5 - 1	0.06	72.96	0.06	4.38
<b>Totals:</b>	--	218,562	--	--	4,047.44	--	61,381.33
<b>Volume-Weighted Average:</b>							<b>15.17</b>

**SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
<b>Totals:</b>	--	218,562	0 - 1	--	8,094.88	--	121,043.75
<b>Volume-Weighted Average:</b>							<b>14.95</b>

**Notes:**

1. Polygon ID and area based on information shown on Figures C-1 and C-2.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. \* = Indicates paved polygon that has been evaluated as unpaved for the purposes of demonstrating achievement of Performance Standards and for the purposes of the forthcoming ERE. Although evaluated in this manner, these polygons will remain paved.

**TABLE C-14  
EXISTING CONDITIONS  
AVERAGING AREA 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP: 0- TO 1-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**0- TO 0.5-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
211S	1782,1782A,2547*,2548	6,158	0 - 0.5	2.6	114.04	2.60	296.49
95-06	1990,2096*,2097	2,886	0 - 0.5	6.4	53.44	6.40	342.01
95-28	1969,2163*,2164,2267*,2409*,2422	4,185	0 - 0.5	20	77.50	20.00	1,550.09
E2SC-01	1978,2418,2557*	5,493	0 - 0.5	0.66	101.73	0.66	67.14
E2SC-02	1979,2092*,2423,2563	5,731	0 - 0.5	49	106.13	49.00	5,200.26
E2SC-03	2219A	92	0 - 0.5	25	1.70	25.00	42.44
E2SC-04	2011	4,676	0 - 0.5	0.555	86.59	0.56	48.06
E2SC-06	2331	262	0 - 0.5	0.59	4.85	0.59	2.86
E2SC-07	2327	2,075	0 - 0.5	0.79	38.43	0.79	30.36
E2SC-09	2009	576	0 - 0.5	20	10.67	20.00	213.44
E2SC-10	2008,2571*	3,054	0 - 0.5	0.19	56.56	0.19	10.75
E2SC-11	1976,2099*,2100	3,456	0 - 0.5	0.1	64.00	0.10	6.40
E2SC-13	2013,2545*,2546	5,923	0 - 0.5	0.21	109.68	0.21	23.03
E2SC-16	1977	3,276	0 - 0.5	120	60.66	120.00	7,279.78
E2SC-17	2010,2411*	2,707	0 - 0.5	2.4	50.13	2.40	120.32
ES2-1	2016,2388,2569*	1,452	0 - 0.5	54	26.89	54.00	1,451.96
ES2-6	2015,2241,2407*	2,214	0 - 0.5	1.5	41.00	1.50	61.49
RAA4-19	2326	1,682	0 - 0.5	2.2	31.16	2.20	68.54
RAA4-20	2325	764	0 - 0.5	1.93	14.14	1.93	27.29
RAA4-21	2323	489	0 - 0.5	0.0195	9.05	0.02	0.18
RAA4-24	1753	2,256	0 - 0.5	0.45	41.77	0.45	18.80
RAA4-E38	1786,2155*,2329,2561	4,413	0 - 0.5	0.36	81.71	0.36	29.42
RAA4-E38S	2067,2157*,2158,2161*,2162,2202*, 2416,2560*	4,291	0 - 0.5	0.19	79.46	0.19	15.10
RAA4-E39	1785,2420,2559*	5,841	0 - 0.5	0.16	108.17	0.16	17.31
RAA4-E40	1861,2556,2558*	8,309	0 - 0.5	1.87	153.87	1.87	287.73
RAA4-E41S	2083	4,760	0 - 0.5	0.48	88.15	0.48	42.31
RAA4-E42	1936,2544*,2555	3,536	0 - 0.5	0.22	65.49	0.22	14.41
RAA4-F35	2342	1,456	0 - 0.5	1.3	26.97	1.30	35.06
RAA4-F36	1788	2,108	0 - 0.5	3.1	39.03	3.10	121.00
RAA4-F37	1894	3,698	0 - 0.5	61	68.49	61.00	4,177.90
RAA4-F41	1784	2,399	0 - 0.5	0.1805	44.42	0.18	8.02
RAA4-F42	1783	3,977	0 - 0.5	0.78	73.64	0.78	57.44
RAA4-F43	1846,2091*,2472*	2,195	0 - 0.5	0.019	40.65	0.02	0.77
RAA4-G33	2345	45	0 - 0.5	1.63	0.83	1.63	1.36
RAA4-G34	2344	4,153	0 - 0.5	3.4	76.91	3.40	261.49
RAA4-G35	1791	8,800	0 - 0.5	0.26	162.96	0.26	42.37
RAA4-G36	1789,2098*,2568	8,637	0 - 0.5	0.045	159.95	0.05	7.20
RAA4-H31	2347	1,418	0 - 0.5	0.87	26.25	0.87	22.84
RAA4-H33	1807	7,593	0 - 0.5	4.6	140.60	4.60	646.77
RAA4-H34	1803,2102*,2572	9,755	0 - 0.5	39	180.65	39.00	7,045.32
RAA4-H35	1790,2101*,2570	8,078	0 - 0.5	0.375	149.60	0.38	56.10
RAA4-HH30	2108,2210,2217	489	0 - 0.5	32.7	9.06	32.70	296.33
RAA4-I30	1819A,2209	230	0 - 0.5	390	4.26	390.00	1,661.04
RAA4-I31	1819,2106,2107,2208,2580	5,174	0 - 0.5	230	95.82	230.00	22,037.88
RAA4-I33	1806,2105*,2579	9,210	0 - 0.5	9.1	170.56	9.10	1,552.13
RAA4-I34	1804,2103*,2104	5,826	0 - 0.5	5	107.89	5.00	539.45
RAA4-I35	1888,2576*	2,852	0 - 0.5	0.84	52.82	0.84	44.37
RAA4-J31	2206,2207,2278	2,531	0 - 0.5	23.5	46.86	23.50	1,101.31
RAA4-K31	2277	555	0 - 0.5	45	10.29	45.00	462.91
RAA4-K33	1805	3,278	0 - 0.5	0.254	60.71	0.25	15.42
RCP-C2	2006	3,482	0 - 0.5	44	64.48	44.00	2,837.27
RCP-C3	2007,2095*	4,139	0 - 0.5	38	76.64	38.00	2,912.33
RCP-C4	1973	1,817	0 - 0.5	10	33.65	10.00	336.53
SL0002	2027B	47	0 - 0.5	1.87	0.87	1.87	1.63
SL0003	2473	1,207	0 - 0.5	3.55	22.34	3.55	79.32
SL0005	2565	5	0 - 0.5	74	0.09	74.00	6.63
SL0006	2475	1,359	0 - 0.5	9.4	25.17	9.40	236.60
SL0009	2477	860	0 - 0.5	4.34	15.93	4.34	69.15
SL0011	2482	817	0 - 0.5	0.92	15.13	0.92	13.92

**TABLE C-14  
EXISTING CONDITIONS  
AVERAGING AREA 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP: 0- TO 1-FOOT DEPTH INCREMENT  
SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**0- TO 0.5-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
SL0014	2276	689	0 - 0.5	4.2175	12.75	4.22	53.79
SL0021	2023A	42	0 - 0.5	96	0.78	96.00	74.60
SL0022	2483	1,739	0 - 0.5	5.5	32.20	5.50	177.10
SL0028	22,2218*,2219,2406*,2410	2,290	0 - 0.5	0.58	42.42	0.58	24.60
SL0030	2265*,2405	491	0 - 0.5	7.79	9.08	7.79	70.76
SL0033	2480	908	0 - 0.5	0.67	16.82	0.67	11.27
SL0036	2577	212	0 - 0.5	0.65	3.93	0.65	2.56
SL0043	2239	768	0 - 0.5	20	14.23	20.00	284.60
SL0046	2575	15	0 - 0.5	0.495	0.28	0.50	0.14
SL0344	2484A	3	0 - 0.5	2.31	0.06	2.31	0.14
SL0345	2484	358	0 - 0.5	7.4	6.63	7.40	49.03
SL0377	2482A	24	0 - 0.5	10.9	0.44	10.90	4.75
SL0378	2023	2,079	0 - 0.5	0.89	38.51	0.89	34.27
SL0381	2024	2,202	0 - 0.5	1.4	40.78	1.40	57.09
SL0394	2481	1,611	0 - 0.5	0.39	29.83	0.39	11.63
SL0397	2574	224	0 - 0.5	<b>0.255</b>	4.15	0.26	1.06
SL0399	2479	11	0 - 0.5	3.8	0.21	3.80	0.78
SL0400	2478	365	0 - 0.5	31	6.76	31.00	209.54
SL0403	2237*,2238,2269,2271*,2387,2408	1,485	0 - 0.5	12.76	27.51	12.76	350.98
SL0405	2567	118	0 - 0.5	51.5	2.19	51.50	112.75
SL0406	2025	456	0 - 0.5	4.7	8.45	4.70	39.73
SL0408	2476A	285	0 - 0.5	70.3	5.28	70.30	371.28
SL0409	2476	672	0 - 0.5	69	12.44	69.00	858.31
SL0410	2027A	2	0 - 0.5	13.2	0.03	13.20	0.39
SL0411	2474	56	0 - 0.5	7	1.04	7.00	7.28
SL0412	2027	1,008	0 - 0.5	25	18.66	25.00	466.52
X-11	1943*,2094,2566	3,940	0 - 0.5	0.06	72.96	0.06	4.38
<b>Totals:</b>	--	220,801	--	--	4,088.90	--	67,235.10
<b>Volume-Weighted Average:</b>							<b>16.44</b>

**0.5- TO 1-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-06	1840,1938*,1939	3,646	0.5 - 1	6.4	67.52	6.40	432.10
95-28	1820,2002*,2003,2098*,2100*,2249	4,737	0.5 - 1	20	87.72	20.00	1,754.42
E2SC-01	1829,2245,2376*	5,493	0.5 - 1	0.66	101.73	0.66	67.14
E2SC-02	1830,1934*,2235,2236*,2250	5,737	0.5 - 1	49	106.24	49.00	5,205.88
E2SC-03	2059*,2060,2216,2234*	3,227	0.5 - 1	25	59.75	25.00	1,493.80
E2SC-04	1861,1861A	6,793	0.5 - 1	0.555	125.79	0.56	69.81
E2SC-06	2159	262	0.5 - 1	0.59	4.85	0.59	2.86
E2SC-07	2155	2,075	0.5 - 1	0.79	38.43	0.79	30.36
E2SC-09	1859	1,576	0.5 - 1	20	29.19	20.00	583.86
E2SC-10	1858,2382*	3,707	0.5 - 1	0.19	68.65	0.19	13.04
E2SC-11	1827,1941*,1942	4,201	0.5 - 1	0.1	77.80	0.10	7.78
E2SC-13	1863,2359*,2360	6,963	0.5 - 1	0.21	128.95	0.21	27.08
E2SC-16	1828	4,553	0.5 - 1	120	84.32	120.00	10,118.16
E2SC-17	1860,2238*	3,510	0.5 - 1	2.4	65.00	2.40	155.99
ES2-1	1866,2217,2379*	1,456	0.5 - 1	54	26.96	54.00	1,456.02
ES2-6	1865,2073*,2101*	2,514	0.5 - 1	1.5	46.55	1.50	69.83
RAA4-19	2154	1,682	0.5 - 1	2.2	31.16	2.20	68.54
RAA4-20	2153	764	0.5 - 1	1.93	14.14	1.93	27.29
RAA4-21	2151	489	0.5 - 1	<b>0.0195</b>	9.05	0.02	0.18
RAA4-24	1609	2,256	0.5 - 1	0.45	41.77	0.45	18.80
RAA4-E38	1638,1994*,2157,2372	4,413	0.5 - 1	0.36	81.71	0.36	29.42
RAA4-E38S	1909,1996*,1997,2000*,2001,2040*,2243,2370*	4,291	0.5 - 1	0.19	79.46	0.19	15.10
RAA4-E39	1637,2247,2371*	5,841	0.5 - 1	0.16	108.17	0.16	17.31

**TABLE C-14  
EXISTING CONDITIONS  
AVERAGING AREA 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP: 0- TO 1-FOOT DEPTH INCREMENT  
SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**0.5- TO 1-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-E40	1713,2368*,2369,2369A	9,631	0.5 - 1	1.87	178.36	1.87	333.52
RAA4-E41S	1925,1925A	7,404	0.5 - 1	0.48	137.12	0.48	65.82
RAA4-E42	1787,2358*,2367	3,536	0.5 - 1	0.22	65.49	0.22	14.41
RAA4-F35	2170	1,456	0.5 - 1	1.3	26.97	1.30	35.06
RAA4-F36	1640	2,108	0.5 - 1	3.1	39.03	3.10	121.00
RAA4-F37	1746	3,698	0.5 - 1	61	68.49	61.00	4,177.90
RAA4-F41	1636,1636A	4,800	0.5 - 1	0.1805	88.88	0.18	16.04
RAA4-F42	1635	4,706	0.5 - 1	0.78	87.14	0.78	67.97
RAA4-F43	1698,1933*,2373*	2,195	0.5 - 1	<b>0.019</b>	40.65	0.02	0.77
RAA4-G33	2173	45	0.5 - 1	1.63	0.83	1.63	1.36
RAA4-G34	2172	4,153	0.5 - 1	3.4	76.91	3.40	261.49
RAA4-G35	1643	8,800	0.5 - 1	0.26	162.96	0.26	42.37
RAA4-G36	1641,1940*,2380	8,637	0.5 - 1	0.045	159.95	0.05	7.20
RAA4-H31	2175	1,418	0.5 - 1	0.87	26.25	0.87	22.84
RAA4-H33	1659	7,593	0.5 - 1	4.6	140.60	4.60	646.77
RAA4-H34	1655,1944*,2383	9,778	0.5 - 1	39	181.07	39.00	7,061.64
RAA4-H35	1642,1943*,2381	8,287	0.5 - 1	0.375	153.46	0.38	57.55
RAA4-HH30	1950,1951,2048	489	0.5 - 1	32.7	9.06	32.70	296.33
RAA4-I30	1747A,2047	230	0.5 - 1	390	4.26	390.00	1,661.04
RAA4-I31	1671,1948,1949,2046,2388	5,174	0.5 - 1	230	95.82	230.00	22,037.88
RAA4-I33	1658,1947*,2387	9,846	0.5 - 1	9.1	182.32	9.10	1,659.15
RAA4-I34	1945*,1946,1656	9,105	0.5 - 1	5	168.61	5.00	843.04
RAA4-I35	1740,2384	5,028	0.5 - 1	0.84	93.11	0.84	78.21
RAA4-J31	2044,2045,2110	2,531	0.5 - 1	23.5	46.86	23.50	1,101.31
RAA4-K31	2109	684	0.5 - 1	45	12.67	45.00	570.36
RAA4-K33	1657	5,906	0.5 - 1	0.254	109.36	0.25	27.78
RCP-C2	1856	3,482	0.5 - 1	44	64.48	44.00	2,837.27
RCP-C3	1857,1937*	4,139	0.5 - 1	38	76.64	38.00	2,912.33
RCP-C4	1824	1,817	0.5 - 1	10	33.65	10.00	336.53
X-11	1794*,1936,2377	3,940	0.5 - 1	0.06	72.96	0.06	4.38
<b>Totals:</b>	--	220,801	--	--	4,088.91	--	68,964.06
<b>Volume-Weighted Average:</b>							<b>16.87</b>

**SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
<b>Totals:</b>	--	220,801	0 - 1	--	8,177.81	--	136,199.16
<b>Volume-Weighted Average:</b>							<b>16.65</b>

**Notes:**

1. Polygon ID and area based on information shown on Figures C-1 and C-2.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. \* = Indicates paved polygon that has been evaluated as unpaved for the purposes of demonstrating achievement of Performance Standards and for the purposes of the forthcoming ERE. Although evaluated in this manner, these polygons will remain paved.

**TABLE C-15  
EXISTING CONDITIONS  
AVERAGING AREA 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP: 1- TO 6-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**1- TO 2-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-06	1288	2,886	1 - 2	6.4	106.88	6.40	684.02
95-28	1267,1473	4,185	1 - 2	20	155.01	20.00	3,100.14
E2SC-01	1276	5,493	1 - 2	0.71	203.46	0.71	144.46
E2SC-02	1277,1474	6,103	1 - 2	43	226.03	43.00	9,719.37
E2SC-03	1527A	92	1 - 2	52	3.39	52.00	176.53
E2SC-04	1310	5,445	1 - 2	0.24	201.66	0.24	48.40
E2SC-06	1440	262	1 - 2	0.072	9.70	0.07	0.70
E2SC-07	1437	2,075	1 - 2	0.28	76.87	0.28	21.52
E2SC-08	1278	2,742	1 - 2	170	101.56	170.00	17,264.44
E2SC-09	1308	809	1 - 2	3.9	29.95	3.90	116.79
E2SC-10	1307	3,054	1 - 2	0.15	113.11	0.15	16.97
E2SC-11	1274	3,456	1 - 2	0.017	128.01	0.02	2.18
E2SC-13	1312	4,156	1 - 2	0.018	153.94	0.02	2.77
E2SC-16	1275	3,276	1 - 2	1.5	121.33	1.50	181.99
E2SC-17	1309	2,707	1 - 2	24	100.27	24.00	2,406.39
ES2-1	1315	1,452	1 - 2	54	53.78	54.00	2,903.92
ES2-6	1314	2,309	1 - 2	1.5	85.52	1.50	128.28
RAA4-19	1436	1,682	1 - 2	0.018	62.31	0.02	1.12
RAA4-20	1435	758	1 - 2	0.0195	28.08	0.02	0.55
RAA4-21	1433,2127	558	1 - 2	0.199	20.67	0.20	4.11
RAA4-22	2125	186	1 - 2	0.019	6.90	0.02	0.13
RAA4-23	2126	467	1 - 2	0.058	17.29	0.06	1.00
RAA4-24	1100,2137	3,194	1 - 2	0.0175	118.31	0.02	2.07
RAA4-25	2118	1,856	1 - 2	0.0355	68.73	0.04	2.44
RAA4-26	2119	1,426	1 - 2	0.074	52.80	0.07	3.91
RAA4-E38	1118	4,413	1 - 2	0.209	163.43	0.21	34.16
RAA4-E38S	1338,1468	4,291	1 - 2	1.7	158.92	1.70	270.17
RAA4-E39	1117,1471	5,841	1 - 2	0.64	216.34	0.64	138.46
RAA4-E40	1196	8,361	1 - 2	0.0215	309.67	0.02	6.66
RAA4-E41	1116	6,900	1 - 2	0.024	255.55	0.02	6.13
RAA4-E41S	1355	4,820	1 - 2	0.02	178.52	0.02	3.57
RAA4-E42	1234,2113	4,330	1 - 2	0.0175	160.36	0.02	2.81
RAA4-F35	1451	1,456	1 - 2	16.4	53.93	16.40	884.48
RAA4-F36	1121	2,108	1 - 2	0.0185	78.07	0.02	1.44
RAA4-F41	1115	2,759	1 - 2	0.0185	102.19	0.02	1.89
RAA4-F42	1114	3,977	1 - 2	0.0205	147.29	0.02	3.02
RAA4-F43	1180,2129	2,682	1 - 2	0.01925	99.33	0.02	1.91
RAA4-G33	1454	45	1 - 2	0.02	1.67	0.02	0.03
RAA4-G34	1453	4,153	1 - 2	0.0185	153.82	0.02	2.85
RAA4-G35	1124	8,800	1 - 2	0.018	325.92	0.02	5.87
RAA4-G36	1122	8,637	1 - 2	0.02	319.90	0.02	6.40
RAA4-H31	1456	1,468	1 - 2	0.0185	54.37	0.02	1.01
RAA4-H33	1140	7,593	1 - 2	0.88	281.21	0.88	247.46
RAA4-H34	1136	9,755	1 - 2	1.76	361.30	1.76	635.89
RAA4-H35	1123	8,078	1 - 2	0.0195	299.20	0.02	5.83
RAA4-I31	1152	7,132	1 - 2	0.56	264.16	0.56	147.93
RAA4-I33	1139	9,365	1 - 2	1.31	346.85	1.31	454.37
RAA4-I34	1137	5,826	1 - 2	0.187	215.78	0.19	40.35
RAA4-I35	1223	2,852	1 - 2	3	105.63	3.00	316.90
RAA4-K31	1402	1,484	1 - 2	230	54.98	230.00	12,645.31
RAA4-K33	1138	3,436	1 - 2	0.07	127.26	0.07	8.91
RCP-C2	1305	4,462	1 - 2	17	165.24	17.00	2,809.09
RCP-C3	1306	3,546	1 - 2	44	131.32	44.00	5,778.18
RCP-C4	1271	1,817	1 - 2	1.2	67.31	1.20	80.77
SL0002	1491A	47	1 - 1.5	2.38	0.87	2.38	2.08
SL0003	1491	1,207	1 - 2	0.96	44.69	0.96	42.90
SL0005	1528	5	1 - 2	14.7	0.18	14.70	2.64
SL0006	1493	1,359	1 - 2	0.94	50.34	0.94	47.32
SL0009	1495	860	1 - 2	1.1	31.86	1.10	35.05

**TABLE C-15**  
**EXISTING CONDITIONS**  
**AVERAGING AREA 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP: 1- TO 6-FOOT DEPTH INCREMENT**  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**1- TO 2-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
SL0011	1531	816	1 - 2	0.021	30.23	0.02	0.63
SL0014	1401	689	1 - 2	4.5	25.51	4.50	114.79
SL0021	1502A	42	1 - 1.5	2.64	1.55	2.64	4.10
SL0022	1502	1,739	1 - 2	0.35	64.40	0.35	22.54
SL0028	1527	2,291	1 - 1.5	1.94	84.84	1.94	164.59
SL0030	1390	491	1 - 2	6.3	18.17	6.30	114.45
SL0033	1498	908	1 - 2	0.062	33.65	0.06	2.09
SL0036	1501	212	1 - 2	<b>0.0085</b>	7.87	0.01	0.07
SL0042	1308A	347	1 - 1.5	13.9	12.86	13.90	178.76
SL0046	1499	15	1 - 2	0.058	0.55	0.06	0.03
SL0344	1401A	3	1 - 1.5	12.7	0.12	12.70	1.57
SL0345	1503	358	1 - 2	<b>0.35</b>	13.25	0.35	4.64
SL0377	1322A	24	1 - 1.5	<b>0.26</b>	0.87	0.26	0.23
SL0378	1322	2,079	1 - 2	<b>0.255</b>	77.02	0.26	19.64
SL0381	1323	2,202	1 - 2	<b>0.26</b>	81.56	0.26	21.21
SL0394	1500	1,611	1 - 2	<b>0.255</b>	59.66	0.26	15.21
SL0397	1530	224	1 - 2	<b>0.265</b>	8.29	0.27	2.20
SL0399	1497	11	1 - 2	13	0.41	13.00	5.33
SL0400	1496	365	1 - 2	5.4	13.52	5.40	73.00
SL0403	1394	1,579	1 - 2	6.7	58.49	6.70	391.86
SL0405	1529	118	1 - 2	6.8	4.38	6.80	29.77
SL0406	1324	456	1 - 2	<b>0.275</b>	16.91	0.28	4.65
SL0408	1494	285	1 - 1.5	67.6	10.56	67.60	714.01
SL0409	1494A	672	1 - 2	47	24.89	47.00	1,169.67
SL0410	1326	2	1 - 1.5	6.94	0.06	6.94	0.41
SL0411	1492	56	1 - 2	0.85	2.08	0.85	1.77
SL0412	1326A	1,008	1 - 2	26	37.32	26.00	970.36
X-11	1241	4,138	1 - 2	0.06	153.26	0.06	9.20
<b>Totals:</b>	--	227,236	--	--	8,415.26	--	65,642.79
<b>Volume-Weighted Average:</b>							<b>7.80</b>

**2- TO 3-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-02	1385	4	2 - 3	0.81	0.16	0.81	0.13
95-06	1273	3,322	2 - 3	1.8	123.02	1.80	221.44
95-08	1421	2,100	2 - 3	5.2	77.77	5.20	404.41
95-28	1252,1372,1452	4,622	2 - 3	0.11	171.19	0.11	18.83
E2SC-01	1259	5,493	2 - 3	0.71	203.46	0.71	144.46
E2SC-02	1260,1453	7,098	2 - 3	43	262.88	43.00	11,304.05
E2SC-03	1374	1,956	2 - 3	52	72.44	52.00	3,766.67
E2SC-04	1290	5,445	2 - 3	0.24	201.66	0.24	48.40
E2SC-06	1420	339	2 - 3	0.072	12.54	0.07	0.90
E2SC-07	1417	2,075	2 - 3	0.28	76.87	0.28	21.52
E2SC-08	1261	5,417	2 - 3	170	200.63	170.00	34,106.97
E2SC-09	1288	894	2 - 3	3.9	33.12	3.90	129.19
E2SC-10	1287	3,054	2 - 3	0.15	113.11	0.15	16.97
E2SC-11	1257	3,456	2 - 3	<b>0.017</b>	128.01	0.02	2.18
E2SC-13	1292	4,156	2 - 3	<b>0.018</b>	153.94	0.02	2.77
E2SC-16	1258	3,660	2 - 3	1.5	135.54	1.50	203.31
E2SC-17	1289	2,799	2 - 3	24	103.65	24.00	2,487.61
ES2-6	1294	3,085	2 - 3	0.5	114.25	0.50	57.12
RAA4-19	1416	1,682	2 - 3	<b>0.018</b>	62.31	0.02	1.12
RAA4-20	1415	758	2 - 3	<b>0.0195</b>	28.08	0.02	0.55
RAA4-21	1413,2127	558	2 - 3	0.199	20.67	0.20	4.11
RAA4-22	2125	186	2 - 3	<b>0.019</b>	6.90	0.02	0.13



**TABLE C-15**  
**EXISTING CONDITIONS**  
**AVERAGING AREA 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP: 1- TO 6-FOOT DEPTH INCREMENT**  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**2- TO 3-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-23	2126	467	2 - 3	0.058	17.29	0.06	1.00
RAA4-24	1086,2137	3,194	2 - 3	<b>0.0175</b>	118.31	0.02	2.07
RAA4-25	2118	1,856	2 - 3	0.0355	68.73	0.04	2.44
RAA4-26	2119	1,426	2 - 3	0.074	52.80	0.07	3.91
RAA4-E38	1104	4,511	2 - 3	0.209	167.07	0.21	34.92
RAA4-E38S	1317,1447	4,291	2 - 3	1.7	158.92	1.70	270.17
RAA4-E39	1103,1450	5,841	2 - 3	0.64	216.34	0.64	138.46
RAA4-E40	1182	8,361	2 - 3	0.0215	309.67	0.02	6.66
RAA4-E41	1102	6,900	2 - 3	0.024	255.55	0.02	6.13
RAA4-E41S	1334	4,820	2 - 3	<b>0.02</b>	178.52	0.02	3.57
RAA4-E42	1220,2113	4,330	2 - 3	<b>0.0175</b>	160.36	0.02	2.81
RAA4-F35	1429	1,648	2 - 3	16.4	61.03	16.40	1,000.83
RAA4-F36	1107	4,469	2 - 3	<b>0.0185</b>	165.51	0.02	3.06
RAA4-F41	1101	2,759	2 - 3	<b>0.0185</b>	102.19	0.02	1.89
RAA4-F42	1100	3,977	2 - 3	<b>0.0205</b>	147.29	0.02	3.02
RAA4-F43	1166,2129	2,682	2 - 3	<b>0.01925</b>	99.33	0.02	1.91
RAA4-G33	1432	45	2 - 3	0.02	1.67	0.02	0.03
RAA4-G34	1431	4,153	2 - 3	<b>0.0185</b>	153.82	0.02	2.85
RAA4-G35	1110	8,800	2 - 3	<b>0.018</b>	325.92	0.02	5.87
RAA4-G36	1108	9,580	2 - 3	0.02	354.82	0.02	7.10
RAA4-H31	1434	1,468	2 - 3	<b>0.0185</b>	54.37	0.02	1.01
RAA4-H33	1126	7,593	2 - 3	0.88	281.21	0.88	247.46
RAA4-H34	1122	9,755	2 - 3	1.76	361.30	1.76	635.89
RAA4-H35	1109	8,078	2 - 3	<b>0.0195</b>	299.20	0.02	5.83
RAA4-I31	1138	7,128	2 - 3	0.56	264.00	0.56	147.84
RAA4-I33	1125	9,365	2 - 3	1.31	346.85	1.31	454.37
RAA4-I34	1123	5,826	2 - 3	0.187	215.78	0.19	40.35
RAA4-I35	1209	2,852	2 - 3	3	105.63	3.00	316.90
RAA4-K31	1383	1,484	2 - 3	230	54.98	230.00	12,645.31
RAA4-K33	1124	3,436	2 - 3	0.07	127.26	0.07	8.91
SL0002	1305A	47	2 - 2.5	9.2	0.87	9.20	8.04
SL0003	1467	1,207	2 - 3	0.54	44.69	0.54	24.13
SL0005	1501	5	2 - 3	5.4	0.18	5.40	0.97
SL0006	1469	1,359	2 - 3	0.96	50.34	0.96	48.33
SL0008	1303A	351	2 - 2.5	37.6	6.50	37.60	244.30
SL0011	1476	817	2 - 3	0.034	30.26	0.03	1.03
SL0014	1382	689	2 - 3	1.34	25.51	1.34	34.18
SL0021	1477A	42	2 - 2.5	1.78	1.55	1.78	2.77
SL0022	1477	1,739	2 - 3	0.166	64.40	0.17	10.69
SL0033	1503	908	2 - 3	0.034	33.65	0.03	1.14
SL0036	1475	212	2 - 3	<b>0.0345</b>	7.87	0.03	0.27
SL0042	1288A	347	2 - 2.5	5.5	12.86	5.50	70.73
SL0046	1504	15	2 - 3	0.132	0.55	0.13	0.07
SL0344	1478A	3	2 - 2.5	4.9	0.12	4.90	0.60
SL0345	1478	358	2 - 3	<b>0.295</b>	13.25	0.30	3.91
SL0377	1301A	24	2 - 2.5	<b>0.26</b>	0.87	0.26	0.23
SL0378	1301	2,079	2 - 3	<b>0.26</b>	77.02	0.26	20.02
SL0381	1302	2,202	2 - 3	2.5	81.56	2.50	203.90
SL0394	1474	1,611	2 - 3	0.026	59.66	0.03	1.55
SL0397	1473	224	2 - 3	<b>0.275</b>	8.29	0.28	2.28
SL0399	1472	11	2 - 3	17	0.41	17.00	6.97
SL0400	1471	372	2 - 3	5.6	13.79	5.60	77.22
SL0403	1377	1,946	2 - 3	0.94	72.09	0.94	67.76
SL0405	1502	153	2 - 3	3.3	5.67	3.30	18.73
SL0406	1303	517	2 - 3	<b>0.28</b>	19.16	0.28	5.37
SL0408	1470A	285	2 - 2.5	42.2	10.56	42.20	445.73
SL0409	1470	723	2 - 3	36	26.79	36.00	964.51
SL0410	1305	2	2 - 2.5	3.52	0.06	3.52	0.21
SL0411	1468	56	2 - 3	24	2.08	24.00	49.94
SL0412	1305B	1,008	2 - 3	1.9	37.32	1.90	70.91
X-11	1227	4,669	2 - 3	6.01	172.94	6.01	1,039.36
<b>Totals:</b>	--	227,236	--	--	8,408.79	--	72,371.22
<b>Volume-Weighted Average:</b>							<b>8.61</b>

**TABLE C-15  
EXISTING CONDITIONS  
AVERAGING AREA 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP: 1- TO 6-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**3- TO 4-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-02	1375	4	3 - 4	0.81	0.16	0.81	0.13
95-06	1272	4,089	3 - 4	1.8	151.43	1.80	272.58
95-08	1410	2,100	3 - 4	5.2	77.77	5.20	404.41
95-28	1251,1362,1441	4,737	3 - 4	0.11	175.44	0.11	19.30
E2SC-01	1258	5,493	3 - 4	0.71	203.46	0.71	144.46
E2SC-02	1259,1442	7,104	3 - 4	43	263.11	43.00	11,313.87
E2SC-03	1364	3,227	3 - 4	52	119.50	52.00	6,214.19
E2SC-04	1289	6,479	3 - 4	0.24	239.97	0.24	57.59
E2SC-06	1409	339	3 - 4	0.072	12.54	0.07	0.90
E2SC-07	1406	2,075	3 - 4	0.28	76.87	0.28	21.52
E2SC-08	1260	5,417	3 - 4	170	200.63	170.00	34,106.97
E2SC-09	1287	1,667	3 - 4	3.9	61.73	3.90	240.74
E2SC-10	1286	3,707	3 - 4	0.15	137.31	0.15	20.60
E2SC-11	1256	4,201	3 - 4	0.017	155.61	0.02	2.65
E2SC-13	1291	4,535	3 - 4	0.018	167.97	0.02	3.02
E2SC-16	1257	4,553	3 - 4	1.5	168.64	1.50	252.95
E2SC-17	1288	3,510	3 - 4	24	130.00	24.00	3,119.89
ES2-6	1293	3,289	3 - 4	0.5	121.83	0.50	60.92
RAA4-19	1405	1,682	3 - 4	0.018	62.31	0.02	1.12
RAA4-20	1404	758	3 - 4	0.0195	28.08	0.02	0.55
RAA4-21	1401,1402	2,466	3 - 4	0.2	91.33	0.20	18.27
RAA4-22	1098B	1,558	3 - 4	0.0205	57.70	0.02	1.18
RAA4-E38	1103	4,511	3 - 4	0.209	167.07	0.21	34.92
RAA4-E38S	1307,1436	4,291	3 - 4	1.7	158.92	1.70	270.17
RAA4-E39	1102,1439	5,841	3 - 4	0.64	216.34	0.64	138.46
RAA4-E40	1181	8,361	3 - 4	0.0215	309.67	0.02	6.66
RAA4-E41	1101	6,900	3 - 4	0.024	255.55	0.02	6.13
RAA4-E41S	1324	5,120	3 - 4	0.02	189.64	0.02	3.79
RAA4-E42	1219,1219A	6,561	3 - 4	0.02	243.01	0.02	4.86
RAA4-F35	1418	1,648	3 - 4	16.4	61.03	16.40	1,000.83
RAA4-F36	1106	4,469	3 - 4	0.0185	165.51	0.02	3.06
RAA4-F41	1100	4,793	3 - 4	0.0185	177.51	0.02	3.28
RAA4-F42	1099	4,706	3 - 4	0.0205	174.29	0.02	3.57
RAA4-F43	1165,1165A	3,735	3 - 4	0.01925	138.32	0.02	2.66
RAA4-G33	1421	45	3 - 4	0.02	1.67	0.02	0.03
RAA4-G34	1420	4,153	3 - 4	0.0185	153.82	0.02	2.85
RAA4-G35	1109	8,800	3 - 4	0.018	325.92	0.02	5.87
RAA4-G36	1107	9,580	3 - 4	0.02	354.82	0.02	7.10
RAA4-H31	1423	1,468	3 - 4	0.0185	54.37	0.02	1.01
RAA4-H33	1125	7,593	3 - 4	0.88	281.21	0.88	247.46
RAA4-H34	1121	9,778	3 - 4	1.76	362.14	1.76	637.36
RAA4-H35	1108	8,287	3 - 4	0.0195	306.92	0.02	5.98
RAA4-I31	1137	7,128	3 - 4	0.56	264.00	0.56	147.84
RAA4-I33	1124	10,000	3 - 4	1.31	370.37	1.31	485.18
RAA4-I34	1122	9,105	3 - 4	0.187	337.21	0.19	63.06
RAA4-I35	1208	5,028	3 - 4	3	186.22	3.00	558.66
RAA4-K31	1373	1,613	3 - 4	220	59.76	220.00	13,146.22
RAA4-K33	1123	6,063	3 - 4	0.07	224.57	0.07	15.72
X-11	1226	4,669	3 - 4	6.01	172.94	6.01	1,039.36
<b>Totals:</b>	--	227,236	--	--	8,416.16	--	74,119.91
<b>Volume-Weighted Average:</b>							<b>8.81</b>

**4- TO 5-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-02	1360	4	4 - 5	0.14	0.16	0.14	0.02
95-06	1257	3,656	4 - 5	0.041	135.40	0.04	5.55
95-08	1395	2,100	4 - 5	0.036	77.77	0.04	2.80
95-28	1236,1347,1424	4,737	4 - 5	0.028	175.44	0.03	4.91
E2SC-01	1243	5,493	4 - 5	0.71	203.46	0.71	144.46

**TABLE C-15**  
**EXISTING CONDITIONS**  
**AVERAGING AREA 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP: 1- TO 6-FOOT DEPTH INCREMENT**  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**4- TO 5-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
E2SC-02	1244,1425	7,104	4 - 5	43	263.11	43.00	11,313.87
E2SC-03	1349	3,227	4 - 5	52	119.50	52.00	6,214.19
E2SC-04	1273	6,479	4 - 5	0.24	239.97	0.24	57.59
E2SC-06	1394	339	4 - 5	0.072	12.54	0.07	0.90
E2SC-07	1391	2,075	4 - 5	0.28	76.87	0.28	21.52
E2SC-08	1245	5,417	4 - 5	170	200.63	170.00	34,106.97
E2SC-09	1271	1,576	4 - 5	3.9	58.39	3.90	227.70
E2SC-10	1270	3,707	4 - 5	0.15	137.31	0.15	20.60
E2SC-11	1241	4,201	4 - 5	0.017	155.61	0.02	2.65
E2SC-13	1275	4,535	4 - 5	0.018	167.97	0.02	3.02
E2SC-16	1242	4,553	4 - 5	1.5	168.64	1.50	252.95
E2SC-17	1272	3,510	4 - 5	24	130.00	24.00	3,119.89
ES2-1	1278	1,456	4 - 5	19	53.93	19.00	1,024.61
ES2-6	1277	2,514	4 - 5	0.27	93.10	0.27	25.14
RAA4-19	1390	1,682	4 - 5	0.018	62.31	0.02	1.12
RAA4-20	1389	758	4 - 5	0.0195	28.08	0.02	0.55
RAA4-21	1386,1387	2,466	4 - 5	0.2	91.33	0.20	18.27
RAA4-22	1083B	1,558	4 - 5	0.0205	57.70	0.02	1.18
RAA4-E38	1088	4,511	4 - 5	0.209	167.07	0.21	34.92
RAA4-E38S	1291,1419	4,291	4 - 5	1.7	158.92	1.70	270.17
RAA4-E39	1087,1422	5,841	4 - 5	0.64	216.34	0.64	138.46
RAA4-E40	1166	8,361	4 - 5	0.0215	309.67	0.02	6.66
RAA4-E41	1086	6,900	4 - 5	0.024	255.55	0.02	6.13
RAA4-E41S	1308	5,120	4 - 5	0.02	189.64	0.02	3.79
RAA4-E42	1204,1204A	6,561	4 - 5	0.02	243.01	0.02	4.86
RAA4-F35	1401	1,648	4 - 5	16.4	61.03	16.40	1,000.83
RAA4-F36	1091	4,469	4 - 5	0.0185	165.51	0.02	3.06
RAA4-F41	1085	4,793	4 - 5	0.0185	177.51	0.02	3.28
RAA4-F42	1084	4,706	4 - 5	0.0205	174.29	0.02	3.57
RAA4-F43	1150,1150A	3,735	4 - 5	0.01925	138.32	0.02	2.66
RAA4-G33	1404	45	4 - 5	0.02	1.67	0.02	0.03
RAA4-G34	1403	4,153	4 - 5	0.0185	153.82	0.02	2.85
RAA4-G35	1094	8,800	4 - 5	0.018	325.92	0.02	5.87
RAA4-G36	1092	9,580	4 - 5	0.02	354.82	0.02	7.10
RAA4-H31	1406	1,468	4 - 5	0.0185	54.37	0.02	1.01
RAA4-H33	1110	7,593	4 - 5	0.88	281.21	0.88	247.46
RAA4-H34	1106	9,778	4 - 5	1.76	362.14	1.76	637.36
RAA4-H35	1093	8,287	4 - 5	0.0195	306.92	0.02	5.98
RAA4-I31	1122	7,128	4 - 5	0.56	264.00	0.56	147.84
RAA4-I33	1109	10,000	4 - 5	1.31	370.37	1.31	485.18
RAA4-I34	1107	9,105	4 - 5	0.187	337.21	0.19	63.06
RAA4-I35	1193	5,028	4 - 5	3	186.22	3.00	558.66
RAA4-K31	1358	1,613	4 - 5	220	59.76	220.00	13,146.22
RAA4-K33	1108	6,063	4 - 5	0.07	224.57	0.07	15.72
X-11	1210	4,512	4 - 5	22	167.12	22.00	3,676.69
<b>Totals:</b>	--	227,236	--	--	8,416.16	--	77,049.92
<b>Volume-Weighted Average:</b>							<b>9.15</b>

**5- TO 6-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-02	1371	4	5 - 6	0.14	0.16	0.14	0.02
95-06	1266	3,656	5 - 6	0.041	135.40	0.04	5.55
95-08	1406	2,100	5 - 6	0.036	77.77	0.04	2.80
95-28	1245,1358,1435	4,737	5 - 6	0.028	175.44	0.03	4.91
E2SC-01	1252	5,493	5 - 6	0.71	203.46	0.71	144.46
E2SC-02	1253,1436	7,104	5 - 6	43	263.11	43.00	11,313.87
E2SC-03	1360	3,227	5 - 6	52	119.50	52.00	6,214.19
E2SC-04	1282	6,479	5 - 6	0.189	239.97	0.19	45.35
E2SC-06	1405	339	5 - 6	0.072	12.54	0.07	0.90

**TABLE C-15**  
**EXISTING CONDITIONS**  
**AVERAGING AREA 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP: 1- TO 6-FOOT DEPTH INCREMENT**  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**5- TO 6-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
E2SC-07	1402	2,075	5 - 6	0.28	76.87	0.28	21.52
E2SC-08	1254	5,417	5 - 6	170	200.63	170.00	34,106.97
E2SC-09	1280	1,576	5 - 6	3.9	58.39	3.90	227.70
E2SC-10	1279	3,707	5 - 6	0.15	137.31	0.15	20.60
E2SC-11	1250	4,201	5 - 6	<b>0.017</b>	155.61	0.02	2.65
E2SC-13	1284	4,535	5 - 6	<b>0.018</b>	167.97	0.02	3.02
E2SC-16	1251	4,553	5 - 6	1.5	168.64	1.50	252.95
E2SC-17	1281	3,510	5 - 6	24	130.00	24.00	3,119.89
ES2-1	1287	1,456	5 - 6	19	53.93	19.00	1,024.61
ES2-6	1286	2,514	5 - 6	0.27	93.10	0.27	25.14
RAA4-19	1401	1,682	5 - 6	<b>0.018</b>	62.31	0.02	1.12
RAA4-20	1400	758	5 - 6	<b>0.0195</b>	28.08	0.02	0.55
RAA4-21	1091A,1398	2,466	5 - 6	0.2	91.33	0.20	18.27
RAA4-22	1397	1,558	5 - 6	<b>0.0205</b>	57.70	0.02	1.18
RAA4-E38	1097	4,511	5 - 6	0.209	167.07	0.21	34.92
RAA4-E38S	1300,1430	4,291	5 - 6	1.7	158.92	1.70	270.17
RAA4-E39	1096,1433	5,841	5 - 6	0.64	216.34	0.64	138.46
RAA4-E40	1175	8,361	5 - 6	<b>0.0215</b>	309.67	0.02	6.66
RAA4-E41	1095	6,900	5 - 6	0.024	255.55	0.02	6.13
RAA4-E41S	1317	5,120	5 - 6	<b>0.02</b>	189.64	0.02	3.79
RAA4-E42	1213,1213A	6,561	5 - 6	<b>0.02</b>	243.01	0.02	4.86
RAA4-F35	1412	1,648	5 - 6	16.4	61.03	16.40	1,000.83
RAA4-F36	1100	4,469	5 - 6	<b>0.0185</b>	165.51	0.02	3.06
RAA4-F41	1094	4,793	5 - 6	<b>0.0185</b>	177.51	0.02	3.28
RAA4-F42	1093	4,706	5 - 6	<b>0.0205</b>	174.29	0.02	3.57
RAA4-F43	1159,1159A	3,735	5 - 6	<b>0.01925</b>	138.32	0.02	2.66
RAA4-G33	1415	45	5 - 6	0.02	1.67	0.02	0.03
RAA4-G34	1414	4,153	5 - 6	<b>0.0185</b>	153.82	0.02	2.85
RAA4-G35	1103	8,800	5 - 6	<b>0.018</b>	325.92	0.02	5.87
RAA4-G36	1101	9,580	5 - 6	0.02	354.82	0.02	7.10
RAA4-H31	1417	1,468	5 - 6	<b>0.0185</b>	54.37	0.02	1.01
RAA4-H33	1119	7,593	5 - 6	0.88	281.21	0.88	247.46
RAA4-H34	1115	9,778	5 - 6	1.76	362.14	1.76	637.36
RAA4-H35	1102	8,287	5 - 6	<b>0.0195</b>	306.92	0.02	5.98
RAA4-I31	1131	7,128	5 - 6	0.56	264.00	0.56	147.84
RAA4-I33	1118	10,000	5 - 6	1.31	370.37	1.31	485.18
RAA4-I34	1116	9,105	5 - 6	0.187	337.21	0.19	63.06
RAA4-I35	1202	5,028	5 - 6	3	186.22	3.00	558.66
RAA4-K31	1369	1,613	5 - 6	220	59.76	220.00	13,146.22
RAA4-K33	1117	6,063	5 - 6	0.07	224.57	0.07	15.72
X-11	1219	4,512	5 - 6	22	167.12	22.00	3,676.69
<b>Totals:</b>	--	227,236	--	--	8,416.16	--	77,037.68
<b>Volume-Weighted Average:</b>							<b>9.15</b>

**SUMMARY: 1- TO 6-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
<b>Totals:</b>	--	227,236	1 - 6	--	42,072.52	--	366,221.52
<b>Volume-Weighted Average:</b>							<b>8.70</b>

**Notes:**

1. Polygon ID and area based on information shown on Figures C-3 through C-7.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE C-16  
EXISTING CONDITIONS  
AVERAGING AREA 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT (TABLE C-14)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
<b>Totals:</b>	--	220,801	0 - 1	--	8,177.81	--	136,199.16
<b>Volume-Weighted Average:</b>							<b>16.65</b>

**SUMMARY: 1- TO 6-FOOT DEPTH INCREMENT (TABLE C-15)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
<b>Totals:</b>	--	227,236	1 - 6	--	42,072.52	--	366,221.52
<b>Volume-Weighted Average:</b>							<b>8.70</b>

**6- TO 8-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-02	1282	4	6 - 8	0.0265	0.31	0.03	0.01
95-08	1314	1,345	6 - 8	0.032	99.60	0.03	3.19
95-28	1194,1270,1337	5,456	6 - 8	0.1	404.13	0.10	40.41
E2SC-01	1201,1336	5,997	6 - 8	0.055	444.19	0.06	24.43
E2SC-02	1202,1338	7,308	6 - 8	17	541.31	17.00	9,202.24
E2SC-03	1272	3,227	6 - 8	22	239.01	22.00	5,258.16
E2SC-04	1227	6,479	6 - 8	0.01825	479.94	0.02	8.76
E2SC-06	1313	339	6 - 8	0.105	25.09	0.11	2.63
E2SC-07	1310	2,075	6 - 8	1.4	153.73	1.40	215.23
E2SC-08	1203	3,748	6 - 8	210	277.65	210.00	58,305.49
E2SC-09	1225	1,827	6 - 8	140	135.31	140.00	18,943.35
E2SC-10	1224	4,688	6 - 8	0.0175	347.24	0.02	6.08
E2SC-11	1199	4,201	6 - 8	0.018	311.21	0.02	5.60
E2SC-13	1229	4,535	6 - 8	0.05	335.95	0.05	16.80
E2SC-16	1200	4,553	6 - 8	0.68	337.27	0.68	229.34
E2SC-17	1226	3,510	6 - 8	0.37	259.99	0.37	96.20
ES2-1	1232	3,596	6 - 8	6.4	266.35	6.40	1,704.66
ES2-6	1231	2,514	6 - 8	0.08	186.20	0.08	14.90
RAA4-19	1309	1,682	6 - 8	0.022	124.62	0.02	2.74
RAA4-20	1308	758	6 - 8	0.0195	56.16	0.02	1.10
RAA4-21	1305,1306	2,466	6 - 8	0.0275	182.67	0.03	5.02
RAA4-22	1031B	1,558	6 - 8	0.024	115.39	0.02	2.77
RAA4-E38	1036	5,888	6 - 8	0.575	436.12	0.58	250.77
RAA4-E39	1035,1334	7,099	6 - 8	3.3	525.87	3.30	1,735.36
RAA4-E40	1118	8,361	6 - 8	6	619.34	6.00	3,716.06
RAA4-E41	1034	8,224	6 - 8	2.5	609.17	2.50	1,522.93
RAA4-E42	1162,1162A	7,113	6 - 8	0.0185	526.88	0.02	9.75
RAA4-F35	1322	1,648	6 - 8	0.019	122.05	0.02	2.32
RAA4-F36	1038	4,015	6 - 8	0.01925	297.39	0.02	5.72
RAA4-F41	1033	6,978	6 - 8	0.012	516.90	0.01	6.20
RAA4-F42	1032	5,765	6 - 8	0.0205	427.03	0.02	8.75
RAA4-F43	1103,1103A	3,735	6 - 8	0.0185	276.64	0.02	5.12
RAA4-G33	1325	45	6 - 8	0.0195	3.34	0.02	0.07
RAA4-G34	1324	4,153	6 - 8	0.018	307.63	0.02	5.54
RAA4-G35	1041	8,800	6 - 8	0.018	651.83	0.02	11.73
RAA4-G36	1039	9,848	6 - 8	0.066	729.47	0.07	48.15
RAA4-H31	1327	1,468	6 - 8	2.16	108.74	2.16	234.88
RAA4-H33	1057	7,593	6 - 8	0.21	562.41	0.21	118.11
RAA4-H34	1053	9,778	6 - 8	0.0175	724.27	0.02	12.67
RAA4-H35	1040	8,287	6 - 8	0.018	613.84	0.02	11.05
RAA4-I31	1069	7,128	6 - 8	0.015	528.01	0.02	7.92
RAA4-I33	1056	10,000	6 - 8	0.043	740.74	0.04	31.85
RAA4-I34	1054	9,105	6 - 8	0.02	674.43	0.02	13.49
RAA4-I35	1147	5,028	6 - 8	0.019	372.44	0.02	7.08
RAA4-K31	1280	1,613	6 - 8	140	119.51	140.00	16,731.56
RAA4-K33	1055	6,063	6 - 8	0.016	449.13	0.02	7.19

**TABLE C-16**  
**EXISTING CONDITIONS**  
**AVERAGING AREA 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**6- TO 8-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RCP-C6	23	574	6 - 7	1,900	42.53	1,055.00	44,871.89
			7 - 8	210			
RCP-C7	24	1,008	6 - 7	2,000	74.66	1,033.00	77,121.48
			7 - 8	66			
RCP-C8	26	2,091	6 - 7	930	154.91	605.00	93,720.77
			7 - 8	280			
RCP-C9	25	3,889	6 - 7	550	288.07	324.00	93,335.52
			7 - 8	98			
X-11	1169	4,516	6 - 8	14	334.54	14.00	4,683.59
<b>Totals:</b>	--	231,677	--	--	17,161.23	--	432,326.61
<b>Volume-Weighted Average:</b>							<b>25.19</b>

**8- TO 10-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-02	1297	4	8 - 10	0.032	0.31	0.03	0.01
95-08	1329	2,347	8 - 10	0.048	173.87	0.05	8.35
95-06	1226	4,089	8 - 10	1.4	302.86	1.40	424.01
95-28	1205,1285,1352	5,456	8 - 10	0.053	404.13	0.05	21.42
E2SC-01	1212,1351	5,997	8 - 10	0.055	444.19	0.06	24.43
E2SC-02	1213,1353	7,538	8 - 10	17	558.38	17.00	9,492.38
E2SC-03	1287	3,227	8 - 10	22	239.01	22.00	5,258.16
E2SC-04	1242	6,479	8 - 10	<b>0.01825</b>	479.94	0.02	8.76
E2SC-06	1328	339	8 - 10	<b>0.105</b>	25.09	0.11	2.63
E2SC-07	1325	2,075	8 - 10	1.4	153.73	1.40	215.23
E2SC-08	1214	7,020	8 - 10	210	520.03	210.00	109,206.22
E2SC-09	1240	1,667	8 - 10	140	123.46	140.00	17,284.09
E2SC-10	1239	3,707	8 - 10	<b>0.0175</b>	274.61	0.02	4.81
E2SC-11	1210	4,201	8 - 10	<b>0.018</b>	311.21	0.02	5.60
E2SC-13	1244	4,535	8 - 10	0.05	335.95	0.05	16.80
E2SC-16	1211	4,553	8 - 10	0.68	337.27	0.68	229.34
E2SC-17	1241	3,510	8 - 10	0.37	259.99	0.37	96.20
ES2-6	1246	3,289	8 - 10	7.5	243.67	7.50	1,827.49
RAA4-19	1324	1,682	8 - 10	<b>0.022</b>	124.62	0.02	2.74
RAA4-20	1323	758	8 - 10	<b>0.0195</b>	56.16	0.02	1.10
RAA4-21	1320,1321	2,466	8 - 10	<b>0.0275</b>	182.67	0.03	5.02
RAA4-22	1041B	1,558	8 - 10	<b>0.024</b>	115.39	0.02	2.77
RAA4-E38	1046	5,888	8 - 10	0.575	436.12	0.58	250.77
RAA4-E39	1045,1349	7,099	8 - 10	3.3	525.87	3.30	1,735.36
RAA4-E40	1128	8,361	8 - 10	6	619.34	6.00	3,716.06
RAA4-E41	1044	8,224	8 - 10	2.5	609.17	2.50	1,522.93
RAA4-E42	1172,1172A	7,113	8 - 10	<b>0.0185</b>	526.88	0.02	9.75
RAA4-F35	1337	1,648	8 - 10	<b>0.019</b>	122.05	0.02	2.32
RAA4-F36	1048	6,348	8 - 10	<b>0.01925</b>	470.19	0.02	9.05
RAA4-F41	1043	6,978	8 - 10	0.012	516.90	0.01	6.20
RAA4-F42	1042	5,765	8 - 10	<b>0.0205</b>	427.03	0.02	8.75
RAA4-F43	1113,1113A	3,735	8 - 10	<b>0.0185</b>	276.64	0.02	5.12
RAA4-G33	1340	45	8 - 10	<b>0.0195</b>	3.34	0.02	0.07
RAA4-G34	1339	4,153	8 - 10	<b>0.018</b>	307.63	0.02	5.54
RAA4-G35	1051	8,800	8 - 10	<b>0.018</b>	651.83	0.02	11.73
RAA4-G36	1049	9,580	8 - 10	0.066	709.63	0.07	46.84
RAA4-H31	1342	1,468	8 - 10	2.16	108.74	2.16	234.88
RAA4-H33	1067	7,593	8 - 10	0.21	562.41	0.21	118.11
RAA4-H34	1063	9,778	8 - 10	<b>0.0175</b>	724.27	0.02	12.67
RAA4-H35	1050	8,287	8 - 10	<b>0.018</b>	613.84	0.02	11.05
RAA4-I31	1079	7,128	8 - 10	0.015	528.01	0.02	7.92
RAA4-I33	1066	10,000	8 - 10	0.043	740.74	0.04	31.85
RAA4-I34	1064	9,105	8 - 10	<b>0.02</b>	674.43	0.02	13.49

**TABLE C-16**  
**EXISTING CONDITIONS**  
**AVERAGING AREA 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**8- TO 10-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-I35	1157	5,028	8 - 10	0.019	372.44	0.02	7.08
RAA4-K31	1295	1,613	8 - 10	140	119.51	140.00	16,731.56
RAA4-K33	1065	6,063	8 - 10	0.016	449.13	0.02	7.19
X-10	1174A	711	8 - 10	160	52.66	160.00	8,425.96
X-11	1179	4,669	8 - 10	100	345.88	100.00	34,587.63
<b>Totals:</b>	--	231,677	--	--	17,161.24	--	211,657.43
<b>Volume-Weighted Average:</b>							<b>12.33</b>

**10- TO 12-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-02	1232	4	10 - 12	0.012	0.31	0.01	0.004
95-06	1164	3,656	10 - 12	34	270.79	34.00	9,206.87
95-08	1260	2,347	10 - 12	0.0415	173.87	0.04	7.22
95-28	1146,1217,1283	5,456	10 - 12	0.015	404.13	0.02	6.06
E2SC-01	1151,1282	5,997	10 - 12	0.055	444.19	0.06	24.43
E2SC-02	1152,1284	7,538	10 - 12	17	558.38	17.00	9,492.38
E2SC-03	1219	3,227	10 - 12	22	239.01	22.00	5,258.16
E2SC-04	1175	6,479	10 - 12	0.01825	479.94	0.02	8.76
E2SC-06	1259	339	10 - 12	0.105	25.09	0.11	2.63
E2SC-07	1256	2,075	10 - 12	1.4	153.73	1.40	215.23
E2SC-08	1153	7,020	10 - 12	210	520.03	210.00	109,206.38
E2SC-09	1173	1,576	10 - 12	140	116.77	140.00	16,347.96
E2SC-10	1172	3,707	10 - 12	0.0175	274.61	0.02	4.81
E2SC-11	1149	4,201	10 - 12	0.018	311.21	0.02	5.60
E2SC-13	1177	4,535	10 - 12	0.05	335.95	0.05	16.80
E2SC-16	1150	4,553	10 - 12	0.68	337.27	0.68	229.34
E2SC-17	1174	3,510	10 - 12	0.37	259.99	0.37	96.20
ES2-1	1180	1,456	10 - 12	24	107.85	24.00	2,588.50
ES2-6	1179	2,514	10 - 12	140	186.20	140.00	26,068.62
RAA4-19	1255	1,682	10 - 12	0.022	124.62	0.02	2.74
RAA4-20	1254	758	10 - 12	0.0195	56.16	0.02	1.10
RAA4-21	994A,1252	2,466	10 - 12	0.0275	182.67	0.03	5.02
RAA4-22	1251	1,558	10 - 12	0.024	115.39	0.02	2.77
RAA4-E38	1000	5,888	10 - 12	0.575	436.12	0.58	250.77
RAA4-E39	999,1280	7,099	10 - 12	3.3	525.87	3.30	1,735.36
RAA4-E40	1081	8,361	10 - 12	6	619.34	6.00	3,716.06
RAA4-E41	998	8,224	10 - 12	2.5	609.17	2.50	1,522.93
RAA4-E42	1124,1124A	7,113	10 - 12	0.0185	526.88	0.02	9.75
RAA4-F35	1268	1,648	10 - 12	0.019	122.05	0.02	2.32
RAA4-F36	1002	6,348	10 - 12	0.01925	470.19	0.02	9.05
RAA4-F41	997	6,978	10 - 12	0.012	516.90	0.01	6.20
RAA4-F42	996	5,765	10 - 12	0.0205	427.03	0.02	8.75
RAA4-F43	1066,1066A	3,735	10 - 12	0.0185	276.64	0.02	5.12
RAA4-G33	1271	45	10 - 12	0.0195	3.34	0.02	0.07
RAA4-G34	1270	4,153	10 - 12	0.018	307.63	0.02	5.54
RAA4-G35	1005	8,800	10 - 12	0.018	651.83	0.02	11.73
RAA4-G36	1003	9,580	10 - 12	0.066	709.63	0.07	46.84
RAA4-H31	1273	1,468	10 - 12	2.16	108.74	2.16	234.88
RAA4-H33	1020	7,593	10 - 12	0.21	562.41	0.21	118.11
RAA4-H34	1016	9,778	10 - 12	0.0175	724.27	0.02	12.67
RAA4-H35	1004	8,287	10 - 12	0.018	613.84	0.02	11.05
RAA4-I31	1032	7,128	10 - 12	0.015	528.01	0.02	7.92
RAA4-I33	1019	10,000	10 - 12	0.043	740.74	0.04	31.85
RAA4-I34	1017	9,105	10 - 12	0.02	674.43	0.02	13.49
RAA4-I35	1110	5,028	10 - 12	0.019	372.44	0.02	7.08
RAA4-K31	1230	1,613	10 - 12	140	119.51	140.00	16,731.56
RAA4-K33	1018	6,063	10 - 12	0.016	449.13	0.02	7.19
X-10	1126A	711	10 - 12	38	52.66	38.00	2,001.16
X-11	1131	4,512	10 - 12	67	334.24	67.00	22,394.38
<b>Totals:</b>	--	231,677	--	--	17,161.24	--	227,699.40
<b>Volume-Weighted Average:</b>							<b>13.27</b>

**TABLE C-16  
EXISTING CONDITIONS  
AVERAGING AREA 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**12- TO 14-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-06	1121	3,661	12 - 14	43	271.20	43.00	11,661.70
95-08	1215	2,771	12 - 14	0.038	205.25	0.04	7.80
E2SC-01	1108,1233	6,626	12 - 14	0.055	490.79	0.06	26.99
E2SC-02	1109,1234	10,867	12 - 14	17	804.96	17.00	13,684.28
E2SC-03	1174	4,168	12 - 14	22	308.71	22.00	6,791.64
E2SC-04	1132	6,479	12 - 14	0.01825	479.94	0.02	8.76
E2SC-06	1214	339	12 - 14	0.105	25.09	0.11	2.63
E2SC-07	1211	2,075	12 - 14	1.4	153.73	1.40	215.23
E2SC-08	1110	9,030	12 - 14	210	668.90	210.00	140,468.38
E2SC-09	1130	1,576	12 - 14	140	116.77	140.00	16,347.96
E2SC-10	1129	3,707	12 - 14	0.0175	274.61	0.02	4.81
E2SC-11	1106	4,201	12 - 14	0.018	311.21	0.02	5.60
E2SC-13	1134	4,535	12 - 14	0.05	335.95	0.05	16.80
E2SC-16	1107	4,553	12 - 14	0.68	337.27	0.68	229.34
E2SC-17	1131	4,238	12 - 14	0.37	313.91	0.37	116.15
ES2-1	1137	2,046	12 - 14	42	151.58	42.00	6,366.48
ES2-6	1136	4,249	12 - 14	160	314.75	160.00	50,359.47
RAA4-19	1210	1,682	12 - 14	0.022	124.62	0.02	2.74
RAA4-20	1209	758	12 - 14	0.0195	56.16	0.02	1.10
RAA4-21	1206,1207	2,466	12 - 14	0.0275	182.67	0.03	5.02
RAA4-22	961B	1,558	12 - 14	0.024	115.39	0.02	2.77
RAA4-E38	966	5,904	12 - 14	0.575	437.35	0.58	251.47
RAA4-E39	965,1231	7,111	12 - 14	3.3	526.74	3.30	1,738.24
RAA4-E40	1046	8,361	12 - 14	6	619.34	6.00	3,716.06
RAA4-E41	964	8,224	12 - 14	2.5	609.17	2.50	1,522.93
RAA4-E42	1089,1089A	7,113	12 - 14	0.0185	526.88	0.02	9.75
RAA4-F35	1221	1,648	12 - 14	0.019	122.05	0.02	2.32
RAA4-F36	968	6,558	12 - 14	0.01925	485.81	0.02	9.35
RAA4-F41	963	6,978	12 - 14	0.012	516.90	0.01	6.20
RAA4-F42	962	5,765	12 - 14	0.0205	427.03	0.02	8.75
RAA4-F43	1032,1032A	3,735	12 - 14	0.0185	276.64	0.02	5.12
RAA4-G33	1224	45	12 - 14	0.0195	3.34	0.02	0.07
RAA4-G34	1223	4,153	12 - 14	0.018	307.63	0.02	5.54
RAA4-G35	971	8,800	12 - 14	0.018	651.83	0.02	11.73
RAA4-G36	969	9,628	12 - 14	0.066	713.22	0.07	47.07
RAA4-H31	1226	1,468	12 - 14	2.16	108.74	2.16	234.88
RAA4-H33	986	7,593	12 - 14	0.21	562.41	0.21	118.11
RAA4-H34	982	9,778	12 - 14	0.0175	724.27	0.02	12.67
RAA4-H35	970	8,287	12 - 14	0.018	613.84	0.02	11.05
RAA4-I31	998	7,132	12 - 14	0.015	528.32	0.02	7.92
RAA4-I33	985	10,000	12 - 14	0.043	740.74	0.04	31.85
RAA4-I34	983	9,105	12 - 14	0.02	674.43	0.02	13.49
RAA4-I35	1075	5,028	12 - 14	0.019	372.44	0.02	7.08
RAA4-K31	1182	1,613	12 - 14	140	119.51	140.00	16,731.56
RAA4-K33	984	6,063	12 - 14	0.016	449.13	0.02	7.19
<b>Totals:</b>	--	231,677	--	--	17,161.24	--	270,836.05
						<b>Volume-Weighted Average:</b>	<b>15.78</b>

**14- TO 15-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-06	1092	3,656	14 - 15	44	135.40	44.00	5,957.39
95-08	1182	2,771	14 - 15	0.0455	102.63	0.05	4.67
E2SC-01	1081,1205	6,626	14 - 15	0.055	245.40	0.06	13.50
E2SC-02	1082,1206	10,658	14 - 15	17	394.73	17.00	6,710.40
E2SC-03	1141	4,168	14 - 15	22	154.36	22.00	3,395.82
E2SC-04	1101	6,479	14 - 15	0.01825	239.97	0.02	4.38
E2SC-06	1181	339	14 - 15	0.105	12.54	0.11	1.32
E2SC-07	1178	2,075	14 - 15	1.4	76.87	1.40	107.61
E2SC-08	1083	7,097	14 - 15	210	262.84	210.00	55,197.41



**TABLE C-16  
EXISTING CONDITIONS  
AVERAGING AREA 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**14- TO 15-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
E2SC-09	1099	1,576	14 - 15	140	58.39	140.00	8,173.98
E2SC-10	1098	3,707	14 - 15	<b>0.0175</b>	137.31	0.02	2.40
E2SC-11	1079	4,201	14 - 15	<b>0.018</b>	155.61	0.02	2.80
E2SC-13	1103	4,535	14 - 15	0.05	167.97	0.05	8.40
E2SC-16	1080	4,553	14 - 15	0.68	168.64	0.68	114.67
E2SC-17	1100	4,238	14 - 15	0.37	156.95	0.37	58.07
ES2-1	1106	1,456	14 - 15	74	53.93	74.00	3,990.60
ES2-6	1105	2,524	14 - 15	81	93.47	81.00	7,570.95
RAA4-19	1177	1,682	14 - 15	<b>0.022</b>	62.31	0.02	1.37
RAA4-20	1176	758	14 - 15	<b>0.0195</b>	28.08	0.02	0.55
RAA4-21	1173,1174	2,466	14 - 15	<b>0.0275</b>	91.33	0.03	2.51
RAA4-22	939B	1,558	14 - 15	<b>0.024</b>	57.70	0.02	1.38
RAA4-E38	944	5,904	14 - 15	0.575	218.67	0.58	125.74
RAA4-E39	943,1203	7,111	14 - 15	3.3	263.37	3.30	869.12
RAA4-E40	1024	8,361	14 - 15	6	309.67	6.00	1,858.03
RAA4-E41	942	8,224	14 - 15	2.5	304.59	2.50	761.46
RAA4-E42	1068,1068A	7,113	14 - 15	<b>0.0185</b>	263.44	0.02	4.87
RAA4-F35	1188	1,648	14 - 15	<b>0.019</b>	61.03	0.02	1.16
RAA4-F36	946	6,558	14 - 15	<b>0.01925</b>	242.90	0.02	4.68
RAA4-F41	941	6,978	14 - 15	0.012	258.45	0.01	3.10
RAA4-F42	940	5,765	14 - 15	<b>0.0205</b>	213.52	0.02	4.38
RAA4-F43	1010,1010A	3,735	14 - 15	<b>0.0185</b>	138.32	0.02	2.56
RAA4-G33	1191	45	14 - 15	<b>0.0195</b>	1.67	0.02	0.03
RAA4-G34	1190	4,153	14 - 15	<b>0.018</b>	153.82	0.02	2.77
RAA4-G35	949	8,800	14 - 15	<b>0.018</b>	325.92	0.02	5.87
RAA4-G36	947	9,580	14 - 15	0.066	354.82	0.07	23.42
RAA4-H31	1193	1,468	14 - 15	2.16	54.37	2.16	117.44
RAA4-H33	964	7,593	14 - 15	0.21	281.21	0.21	59.05
RAA4-H34	960	9,778	14 - 15	<b>0.0175</b>	362.14	0.02	6.34
RAA4-H35	948	8,287	14 - 15	<b>0.018</b>	306.92	0.02	5.52
RAA4-I31	976	7,132	14 - 15	0.015	264.16	0.02	3.96
RAA4-I33	963	10,000	14 - 15	0.043	370.37	0.04	15.93
RAA4-I34	961	9,105	14 - 15	<b>0.02</b>	337.21	0.02	6.74
RAA4-I35	1053	5,028	14 - 15	<b>0.019</b>	186.22	0.02	3.54
RAA4-K31	1149	1,613	14 - 15	140	59.76	140.00	8,365.78
RAA4-K33	962	6,063	14 - 15	0.016	224.57	0.02	3.59
X-11	1072	4,512	14 - 15	89.8	167.12	89.80	15,007.58
<b>Totals:</b>	--	231,677	--	--	8,580.62	--	118,582.85
<b>Volume-Weighted Average:</b>							<b>13.82</b>

**SUMMARY: 0- TO 15-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
<b>Totals:</b>	--	229,489	0 - 15	--	127,475.89	--	1,763,523.03
<b>Volume-Weighted Average:</b>							<b>13.83</b>

**Notes:**

1. Polygon ID and area based on information shown on Figures C-8 through C-12.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE C-17**  
**POST-REMEDATION CONDITIONS**  
**AVERAGING AREA 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP: 0- TO 1-FOOT DEPTH INCREMENT (UNPAVED)**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**0- TO 0.5-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
211S	1782,2547*,2548	4,905	0 - 0.5	2.6	90.84	2.60	236.19
211S	1782A	1,253	0 - 0.5	0.021	23.19	0.02	0.49
95-06	1990,2096*,2097	2,886	0 - 0.5	6.4	53.44	6.40	342.01
95-28	1969,2163*,2164,2267*,2409*,2422	4,185	0 - 0.5	20	77.50	20.00	1,550.09
E2SC-01	1978,2418,2557*	5,493	0 - 0.5	0.66	101.73	0.66	67.14
E2SC-02	1979,2092*,2423,2563	5,731	0 - 0.5	49	106.13	49.00	5,200.26
E2SC-03	2219A	92	0 - 0.5	25	1.70	25.00	42.44
E2SC-04	2011	4,676	0 - 0.5	0.555	86.59	0.56	48.06
E2SC-06	2331	262	0 - 0.5	0.59	4.85	0.59	2.86
E2SC-07	2327	2,075	0 - 0.5	0.79	38.43	0.79	30.36
E2SC-09	2009	576	0 - 0.5	20	10.67	20.00	213.44
E2SC-10	2008,2571*	3,054	0 - 0.5	0.19	56.56	0.19	10.75
E2SC-11	1976,2099*,2100	3,456	0 - 0.5	0.1	64.00	0.10	6.40
E2SC-13	2013,2545*,2546	5,923	0 - 0.5	0.21	109.68	0.21	23.03
E2SC-16	1977	3,276	0 - 0.5	120	60.66	120.00	7,279.78
E2SC-17	2010,2411*	2,707	0 - 0.5	2.4	50.13	2.40	120.32
ES2-1	2016,2569*	1,426	0 - 0.5	54	26.40	54.00	1,425.60
ES2-6	2015,2241*,2407*	2,214	0 - 0.5	1.5	41.00	1.50	61.49
RAA4-19	2326	1,682	0 - 0.5	2.2	31.16	2.20	68.54
RAA4-20	2325	764	0 - 0.5	1.93	14.14	1.93	27.29
RAA4-21	2323	489	0 - 0.5	0.0195	9.05	0.02	0.18
RAA4-24	1753	2,256	0 - 0.5	0.45	41.77	0.45	18.80
RAA4-E38	1786,2155*,2329,2561	4,413	0 - 0.5	0.36	81.71	0.36	29.42
RAA4-E38S	2067,2157*,2158,2161*,2162,2202*, 2416,2560*	4,291	0 - 0.5	0.19	79.46	0.19	15.10
RAA4-E39	1785,2420,2559*	5,841	0 - 0.5	0.16	108.17	0.16	17.31
RAA4-E40	1861,2556,2558*	8,309	0 - 0.5	1.87	153.87	1.87	287.73
RAA4-E41S	2083	4,760	0 - 0.5	0.48	88.15	0.48	42.31
RAA4-E42	1936,2544*,2555	3,536	0 - 0.5	0.22	65.49	0.22	14.41
RAA4-F35	2342	1,456	0 - 0.5	1.3	26.97	1.30	35.06
RAA4-F36	1788	2,108	0 - 0.5	3.1	39.03	3.10	121.00
RAA4-F37	1894	3,698	0 - 0.5	61	68.49	61.00	4,177.90
RAA4-F41	1784	2,399	0 - 0.5	0.1805	44.42	0.18	8.02
RAA4-F42	1783	3,977	0 - 0.5	0.78	73.64	0.78	57.44
RAA4-F43	1846,2091*,2472*	2,195	0 - 0.5	0.019	40.65	0.02	0.77
RAA4-G33	2345	45	0 - 0.5	1.63	0.83	1.63	1.36
RAA4-G34	2344	4,153	0 - 0.5	3.4	76.91	3.40	261.49
RAA4-G35	1791	8,800	0 - 0.5	0.26	162.96	0.26	42.37
RAA4-G36	1789,2098*,2568	8,637	0 - 0.5	0.045	159.95	0.05	7.20
RAA4-H31	2347	1,418	0 - 0.5	0.87	26.25	0.87	22.84
RAA4-H33	1807	7,593	0 - 0.5	4.6	140.60	4.60	646.77
RAA4-H34	1803,2102*,2572	9,755	0 - 0.5	39	180.65	39.00	7,045.32
RAA4-H35	1790,2101*,2570	8,078	0 - 0.5	0.375	149.60	0.38	56.10
RAA4-HH30	2108,2210	263	0 - 0.5	32.7	4.88	32.70	159.51
RAA4-I30	1819A,2209	230	0 - 0.5	0.021	4.26	0.02	0.09
RAA4-I31	1819,2107,2580	3,460	0 - 0.5	0.021	64.08	0.02	1.35
RAA4-I33	1806,2105*,2579	9,210	0 - 0.5	9.1	170.56	9.10	1,552.13
RAA4-I34	1804,2103*,2104	5,826	0 - 0.5	5	107.89	5.00	539.45
RAA4-I35	1888,2576*	2,852	0 - 0.5	0.84	52.82	0.84	44.37
RAA4-J31	2207,2278	2,302	0 - 0.5	23.5	42.63	23.50	1,001.80
RAA4-K31	2277	555	0 - 0.5	45	10.29	45.00	462.91
RAA4-K33	1805	3,278	0 - 0.5	0.254	60.71	0.25	15.42
RCP-C2	2006	3,482	0 - 0.5	44	64.48	44.00	2,837.27
RCP-C3	2007,2095*	4,139	0 - 0.5	38	76.64	38.00	2,912.33
RCP-C4	1973	1,817	0 - 0.5	10	33.65	10.00	336.53
SL0002	2027B	47	0 - 0.5	1.87	0.87	1.87	1.63
SL0003	2473	1,207	0 - 0.5	3.55	22.34	3.55	79.32
SL0005	2565	5	0 - 0.5	74	0.09	74.00	6.63
SL0006	2475	1,359	0 - 0.5	9.4	25.17	9.40	236.60
SL0009	2477	860	0 - 0.5	4.34	15.93	4.34	69.15

**TABLE C-17  
POST-REMEDATION CONDITIONS  
AVERAGING AREA 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP: 0- TO 1-FOOT DEPTH INCREMENT (UNPAVED)**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**0- TO 0.5-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
SL0011	2482	817	0 - 0.5	0.92	15.13	0.92	13.92
SL0014	2276	689	0 - 0.5	4.2175	12.75	4.22	53.79
SL0021	2023A	42	0 - 0.5	96	0.78	96.00	74.60
SL0022	2483	1,739	0 - 0.5	5.5	32.20	5.50	177.10
SL0028	22,2218*,2219,2406*,2410	2,290	0 - 0.5	0.58	42.42	0.58	24.60
SL0030	2265*,2405	491	0 - 0.5	7.79	9.08	7.79	70.76
SL0033	2480	908	0 - 0.5	0.67	16.82	0.67	11.27
SL0036	2577	212	0 - 0.5	0.65	3.93	0.65	2.56
SL0043	2239	768	0 - 0.5	20	14.23	20.00	284.60
SL0046	2575	15	0 - 0.5	0.495	0.28	0.50	0.14
SL0344	2484A	3	0 - 0.5	2.31	0.06	2.31	0.14
SL0345	2484	358	0 - 0.5	7.4	6.63	7.40	49.03
SL0377	2482A	24	0 - 0.5	10.9	0.44	10.90	4.75
SL0378	2023	2,079	0 - 0.5	0.89	38.51	0.89	34.27
SL0381	2024	2,202	0 - 0.5	1.4	40.78	1.40	57.09
SL0394	2481	1,611	0 - 0.5	0.39	29.83	0.39	11.63
SL0397	2574	224	0 - 0.5	0.255	4.15	0.26	1.06
SL0399	2479	11	0 - 0.5	3.8	0.21	3.80	0.78
SL0400	2478	365	0 - 0.5	31	6.76	31.00	209.54
SL0403	2237*,2238,2269,2271*,2408	1,441	0 - 0.5	12.76	26.69	12.76	340.50
SL0405	2567	118	0 - 0.5	51.5	2.19	51.50	112.75
SL0406	2025	456	0 - 0.5	4.7	8.45	4.70	39.73
SL0408	2476A	285	0 - 0.5	70.3	5.28	70.30	371.28
SL0409	2476	672	0 - 0.5	69	12.44	69.00	858.31
SL0410	2027A	2	0 - 0.5	13.2	0.03	13.20	0.39
SL0411	2474	56	0 - 0.5	7	1.04	7.00	7.28
SL0412	2027	1,008	0 - 0.5	25	18.66	25.00	466.52
X-11	1943*,2094,2566	3,940	0 - 0.5	0.06	72.96	0.06	4.38
<b>Totals:</b>	--	218,561	--	--	4,047.44	--	43,204.64
<b>Volume-Weighted Average:</b>							<b>10.67</b>

**0.5- TO 1-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-06	1840,1938*,1939	3,646	0.5 - 1	6.4	67.52	6.40	432.10
95-28	1820,2002*,2003,2098*,2100*,2249	4,737	0.5 - 1	20	87.72	20.00	1,754.42
E2SC-01	1829,2245,2376*	5,493	0.5 - 1	0.66	101.73	0.66	67.14
E2SC-02	1830,1934*,2235,2236*,2250	5,737	0.5 - 1	49	106.24	49.00	5,205.88
E2SC-03	2059*,2060,2234*	3,182	0.5 - 1	25	58.93	25.00	1,473.27
E2SC-04	1861	6,509	0.5 - 1	0.555	120.54	0.56	66.90
E2SC-04	1861A	284	0.5 - 1	0.021	5.26	0.02	0.11
E2SC-06	2159	262	0.5 - 1	0.59	4.85	0.59	2.86
E2SC-07	2155	2,075	0.5 - 1	0.79	38.43	0.79	30.36
E2SC-09	1859	1,576	0.5 - 1	20	29.19	20.00	583.86
E2SC-10	1858,2382*	3,707	0.5 - 1	0.19	68.65	0.19	13.04
E2SC-11	1827,1941*,1942	4,201	0.5 - 1	0.1	77.80	0.10	7.78
E2SC-13	1863,2359*,2360	6,963	0.5 - 1	0.21	128.95	0.21	27.08
E2SC-16	1828	4,553	0.5 - 1	120	84.32	120.00	10,118.16
E2SC-17	1860,2238*	3,510	0.5 - 1	2.4	65.00	2.40	155.99
ES2-1	1866,2379*	1,430	0.5 - 1	54	26.48	54.00	1,429.66
ES2-6	1865,2073*,2101*	2,514	0.5 - 1	1.5	46.55	1.50	69.83
RAA4-19	2154	1,682	0.5 - 1	2.2	31.16	2.20	68.54
RAA4-20	2153	764	0.5 - 1	1.93	14.14	1.93	27.29
RAA4-21	2151	489	0.5 - 1	0.0195	9.05	0.02	0.18
RAA4-24	1609	2,256	0.5 - 1	0.45	41.77	0.45	18.80
RAA4-E38	1638,1994*,2157,2372	4,413	0.5 - 1	0.36	81.71	0.36	29.42
RAA4-E38S	1909,1996*,1997,2000*,2001,2040*,2243,2370*	4,291	0.5 - 1	0.19	79.46	0.19	15.10
RAA4-E39	1637,2247,2371*	5,841	0.5 - 1	0.16	108.17	0.16	17.31
RAA4-E40	1713,2368*,2369	9,615	0.5 - 1	1.87	178.06	1.87	332.97

**TABLE C-17**  
**POST-REMEDATION CONDITIONS**  
**AVERAGING AREA 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP: 0- TO 1-FOOT DEPTH INCREMENT (UNPAVED)**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**0.5- TO 1-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-E40	2369A	16	0.5 - 1	<b>0.021</b>	0.30	0.02	0.01
RAA4-E41S	1925	6,500	0.5 - 1	0.48	120.37	0.48	57.78
RAA4-E41S	1925A	904	0.5 - 1	<b>0.021</b>	16.75	0.02	0.35
RAA4-E42	1787,2358*,2367	3,536	0.5 - 1	0.22	65.49	0.22	14.41
RAA4-F35	2170	1,456	0.5 - 1	1.3	26.97	1.30	35.06
RAA4-F36	1640	2,108	0.5 - 1	3.1	39.03	3.10	121.00
RAA4-F37	1746	3,698	0.5 - 1	61	68.49	61.00	4,177.90
RAA4-F41	1636	4,752	0.5 - 1	0.1805	88.00	0.18	15.88
RAA4-F41	1636A	48	0.5 - 1	<b>0.021</b>	0.89	0.02	0.02
RAA4-F42	1635	4,706	0.5 - 1	0.78	87.14	0.78	67.97
RAA4-F43	1698,1933*,2373*	2,195	0.5 - 1	<b>0.019</b>	40.65	0.02	0.77
RAA4-G33	2173	45	0.5 - 1	1.63	0.83	1.63	1.36
RAA4-G34	2172	4,153	0.5 - 1	3.4	76.91	3.40	261.49
RAA4-G35	1643	8,800	0.5 - 1	0.26	162.96	0.26	42.37
RAA4-G36	1641,1940*,2380	8,637	0.5 - 1	0.045	159.95	0.05	7.20
RAA4-H31	2175	1,418	0.5 - 1	0.87	26.25	0.87	22.84
RAA4-H33	1659	7,593	0.5 - 1	4.6	140.60	4.60	646.77
RAA4-H34	1655,1944*,2383	9,778	0.5 - 1	39	181.07	39.00	7,061.64
RAA4-H35	1642,1943*,2381	8,287	0.5 - 1	0.375	153.46	0.38	57.55
RAA4-HH30	1951,2048	263	0.5 - 1	32.7	4.88	32.70	159.51
RAA4-I30	1747A,2047	230	0.5 - 1	<b>0.021</b>	4.26	0.02	0.09
RAA4-I31	1671,1949,2388	3,460	0.5 - 1	<b>0.021</b>	64.08	0.02	1.35
RAA4-I33	1658,1947*,2387	9,846	0.5 - 1	9.1	182.32	9.10	1,659.15
RAA4-I34	1945*,1946,1656	9,105	0.5 - 1	5	168.61	5.00	843.04
RAA4-I35	1740,2384*	5,028	0.5 - 1	0.84	93.11	0.84	78.21
RAA4-J31	2045,2110	2,302	0.5 - 1	23.5	42.63	23.50	1,001.80
RAA4-K31	2109	684	0.5 - 1	45	12.67	45.00	570.36
RAA4-K33	1657	5,906	0.5 - 1	0.254	109.36	0.25	27.78
RCP-C2	1856	3,482	0.5 - 1	44	64.48	44.00	2,837.27
RCP-C3	1857,1937*	4,139	0.5 - 1	38	76.64	38.00	2,912.33
RCP-C4	1824	1,817	0.5 - 1	10	33.65	10.00	336.53
X-11	1794*,1936,2377	3,940	0.5 - 1	0.06	72.96	0.06	4.38
<b>Totals:</b>	--	218,562	--	--	4,047.44	--	44,972.17
<b>Volume-Weighted Average:</b>							<b>11.11</b>

**SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
<b>Totals:</b>	--	218,562	0 - 1	--	8,094.88	--	88,176.82
<b>Volume-Weighted Average:</b>							<b>10.89</b>

**Notes:**

1. Polygon ID and area based on information shown on Figures C-1 and C-2.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation. The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.
6. \* = Indicates paved polygon that has been evaluated as unpaved for the purposes of demonstrating achievement of Performance Standards and for the purposes of the forthcoming ERE. Although evaluated in this manner, these polygons will remain paved.

**TABLE C-18  
POST-REMEDATION CONDITIONS  
AVERAGING AREA 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP: 0- TO 1-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**0- TO 0.5-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
211S	1782,2547*,2548	4,905	0 - 0.5	2.6	90.84	2.60	236.19
211S	1782A	1,253	0 - 0.5	0.021	23.19	0.02	0.49
95-06	1990,2096*,2097	2,886	0 - 0.5	6.4	53.44	6.40	342.01
95-28	1969,2163*,2164,2267*,2409*,2422	4,185	0 - 0.5	20	77.50	20.00	1,550.09
E2SC-01	1978,2418,2557*	5,493	0 - 0.5	0.66	101.73	0.66	67.14
E2SC-02	1979,2092*,2423,2563	5,731	0 - 0.5	49	106.13	49.00	5,200.26
E2SC-03	2219A	92	0 - 0.5	25	1.70	25.00	42.44
E2SC-04	2011	4,676	0 - 0.5	0.555	86.59	0.56	48.06
E2SC-06	2331	262	0 - 0.5	0.59	4.85	0.59	2.86
E2SC-07	2327	2,075	0 - 0.5	0.79	38.43	0.79	30.36
E2SC-09	2009	576	0 - 0.5	20	10.67	20.00	213.44
E2SC-10	2008,2571*	3,054	0 - 0.5	0.19	56.56	0.19	10.75
E2SC-11	1976,2099*,2100	3,456	0 - 0.5	0.1	64.00	0.10	6.40
E2SC-13	2013,2545*,2546	5,923	0 - 0.5	0.21	109.68	0.21	23.03
E2SC-16	1977	3,276	0 - 0.5	120	60.66	120.00	7,279.78
E2SC-17	2010,2411*	2,707	0 - 0.5	2.4	50.13	2.40	120.32
ES2-1	2016,2388,2569*	1,452	0 - 0.5	54	26.89	54.00	1,451.96
ES2-6	2015,2241*,2407*	2,214	0 - 0.5	1.5	41.00	1.50	61.49
RAA4-19	2326	1,682	0 - 0.5	2.2	31.16	2.20	68.54
RAA4-20	2325	764	0 - 0.5	1.93	14.14	1.93	27.29
RAA4-21	2323	489	0 - 0.5	0.0195	9.05	0.02	0.18
RAA4-24	1753	2,256	0 - 0.5	0.45	41.77	0.45	18.80
RAA4-E38	1786,2155*,2329,2561	4,413	0 - 0.5	0.36	81.71	0.36	29.42
RAA4-E38S	2067,2157*,2158,2161*,2162,2202*, 2416,2560*	4,291	0 - 0.5	0.19	79.46	0.19	15.10
RAA4-E39	1785,2420,2559*	5,841	0 - 0.5	0.16	108.17	0.16	17.31
RAA4-E40	1861,2556,2558*	8,309	0 - 0.5	1.87	153.87	1.87	287.73
RAA4-E41S	2083	4,760	0 - 0.5	0.48	88.15	0.48	42.31
RAA4-E42	1936,2544*,2555	3,536	0 - 0.5	0.22	65.49	0.22	14.41
RAA4-F35	2342	1,456	0 - 0.5	1.3	26.97	1.30	35.06
RAA4-F36	1788	2,108	0 - 0.5	3.1	39.03	3.10	121.00
RAA4-F37	1894	3,698	0 - 0.5	61	68.49	61.00	4,177.90
RAA4-F41	1784	2,399	0 - 0.5	0.1805	44.42	0.18	8.02
RAA4-F42	1783	3,977	0 - 0.5	0.78	73.64	0.78	57.44
RAA4-F43	1846,2091*,2472*	2,195	0 - 0.5	0.019	40.65	0.02	0.77
RAA4-G33	2345	45	0 - 0.5	1.63	0.83	1.63	1.36
RAA4-G34	2344	4,153	0 - 0.5	3.4	76.91	3.40	261.49
RAA4-G35	1791	8,800	0 - 0.5	0.26	162.96	0.26	42.37
RAA4-G36	1789,2098*,2568	8,637	0 - 0.5	0.045	159.95	0.05	7.20
RAA4-H31	2347	1,418	0 - 0.5	0.87	26.25	0.87	22.84
RAA4-H33	1807	7,593	0 - 0.5	4.6	140.60	4.60	646.77
RAA4-H34	1803,2102*,2572	9,755	0 - 0.5	39	180.65	39.00	7,045.32
RAA4-H35	1790,2101*,2570	8,078	0 - 0.5	0.375	149.60	0.38	56.10
RAA4-HH30	2108,2210,2217	489	0 - 0.5	32.7	9.06	32.70	296.33
RAA4-I30	1819A	2	0 - 0.5	390	0.04	390.00	16.11
RAA4-I30	2209	228	0 - 0.5	0.021	4.22	0.02	0.09
RAA4-I31	1819,2107,2580	3,460	0 - 0.5	0.021	64.08	0.02	1.35
RAA4-I31	2106,2208	1,714	0 - 0.5	230	31.74	230.00	7,299.52
RAA4-I33	1806,2105*,2579	9,210	0 - 0.5	9.1	170.56	9.10	1,552.13
RAA4-I34	1804,2103*,2104	5,826	0 - 0.5	5	107.89	5.00	539.45
RAA4-I35	1888,2576*	2,852	0 - 0.5	0.84	52.82	0.84	44.37
RAA4-J31	2206,2207,2278	2,531	0 - 0.5	23.5	46.86	23.50	1,101.31
RAA4-K31	2277	555	0 - 0.5	45	10.29	45.00	462.91
RAA4-K33	1805	3,278	0 - 0.5	0.254	60.71	0.25	15.42
RCP-C2	2006	3,482	0 - 0.5	44	64.48	44.00	2,837.27
RCP-C3	2007,2095*	4,139	0 - 0.5	38	76.64	38.00	2,912.33
RCP-C4	1973	1,817	0 - 0.5	10	33.65	10.00	336.53
SL0002	2027B	47	0 - 0.5	1.87	0.87	1.87	1.63
SL0003	2473	1,207	0 - 0.5	3.55	22.34	3.55	79.32
SL0005	2565	5	0 - 0.5	74	0.09	74.00	6.63

**TABLE C-18  
POST-REMEDATION CONDITIONS  
AVERAGING AREA 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP: 0- TO 1-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**0- TO 0.5-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
SL0006	2475	1,359	0 - 0.5	9.4	25.17	9.40	236.60
SL0009	2477	860	0 - 0.5	4.34	15.93	4.34	69.15
SL0011	2482	817	0 - 0.5	0.92	15.13	0.92	13.92
SL0014	2276	689	0 - 0.5	4.2175	12.75	4.22	53.79
SL0021	2023A	42	0 - 0.5	96	0.78	96.00	74.60
SL0022	2483	1,739	0 - 0.5	5.5	32.20	5.50	177.10
SL0028	22,2218*,2219,2406*,2410	2,290	0 - 0.5	0.58	42.42	0.58	24.60
SL0030	2265*,2405	491	0 - 0.5	7.79	9.08	7.79	70.76
SL0033	2480	908	0 - 0.5	0.67	16.82	0.67	11.27
SL0036	2577	212	0 - 0.5	0.65	3.93	0.65	2.56
SL0043	2239	768	0 - 0.5	20	14.23	20.00	284.60
SL0046	2575	15	0 - 0.5	0.495	0.28	0.50	0.14
SL0344	2484A	3	0 - 0.5	2.31	0.06	2.31	0.14
SL0345	2484	358	0 - 0.5	7.4	6.63	7.40	49.03
SL0377	2482A	24	0 - 0.5	10.9	0.44	10.90	4.75
SL0378	2023	2,079	0 - 0.5	0.89	38.51	0.89	34.27
SL0381	2024	2,202	0 - 0.5	1.4	40.78	1.40	57.09
SL0394	2481	1,611	0 - 0.5	0.39	29.83	0.39	11.63
SL0397	2574	224	0 - 0.5	0.255	4.15	0.26	1.06
SL0399	2479	11	0 - 0.5	3.8	0.21	3.80	0.78
SL0400	2478	365	0 - 0.5	31	6.76	31.00	209.54
SL0403	2237*,2238,2269,2271*,2387,2408	1,485	0 - 0.5	12.76	27.51	12.76	350.98
SL0405	2567	118	0 - 0.5	51.5	2.19	51.50	112.75
SL0406	2025	456	0 - 0.5	4.7	8.45	4.70	39.73
SL0408	2476A	285	0 - 0.5	70.3	5.28	70.30	371.28
SL0409	2476	672	0 - 0.5	69	12.44	69.00	858.31
SL0410	2027A	2	0 - 0.5	13.2	0.03	13.20	0.39
SL0411	2474	56	0 - 0.5	7	1.04	7.00	7.28
SL0412	2027	1,008	0 - 0.5	25	18.66	25.00	466.52
X-11	1943*,2094,2566	3,940	0 - 0.5	0.06	72.96	0.06	4.38
<b>Totals:</b>	--	220,801	--	--	4,088.90	--	50,793.43
<b>Volume-Weighted Average:</b>							<b>12.42</b>

**0.5- TO 1-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-06	1840,1938*,1939	3,646	0.5 - 1	6.4	67.52	6.40	432.10
95-28	1820,2002*,2003,2098*,2100*,2249	4,737	0.5 - 1	20	87.72	20.00	1,754.42
E2SC-01	1829,2245,2376*	5,493	0.5 - 1	0.66	101.73	0.66	67.14
E2SC-02	1830,1934*,2235,2236*,2250	5,737	0.5 - 1	49	106.24	49.00	5,205.88
E2SC-03	2059*,2060,2216,2234*	3,227	0.5 - 1	25	59.75	25.00	1,493.80
E2SC-04	1861	6,509	0.5 - 1	0.555	120.54	0.56	66.90
E2SC-04	1861A	284	0.5 - 1	0.021	5.26	0.02	0.11
E2SC-06	2159	262	0.5 - 1	0.59	4.85	0.59	2.86
E2SC-07	2155	2,075	0.5 - 1	0.79	38.43	0.79	30.36
E2SC-09	1859	1,576	0.5 - 1	20	29.19	20.00	583.86
E2SC-10	1858,2382*	3,707	0.5 - 1	0.19	68.65	0.19	13.04
E2SC-11	1827,1941*,1942	4,201	0.5 - 1	0.1	77.80	0.10	7.78
E2SC-13	1863,2359*,2360	6,963	0.5 - 1	0.21	128.95	0.21	27.08
E2SC-16	1828	4,553	0.5 - 1	120	84.32	120.00	10,118.16
E2SC-17	1860,2238*	3,510	0.5 - 1	2.4	65.00	2.40	155.99
ES2-1	1866,2217,2379*	1,456	0.5 - 1	54	26.96	54.00	1,456.02
ES2-6	1865,2073*,2101*	2,514	0.5 - 1	1.5	46.55	1.50	69.83
RAA4-19	2154	1,682	0.5 - 1	2.2	31.16	2.20	68.54
RAA4-20	2153	764	0.5 - 1	1.93	14.14	1.93	27.29
RAA4-21	2151	489	0.5 - 1	0.0195	9.05	0.02	0.18
RAA4-24	1609	2,256	0.5 - 1	0.45	41.77	0.45	18.80
RAA4-E38	1638,1994*,2157,2372	4,413	0.5 - 1	0.36	81.71	0.36	29.42
RAA4-E38S	1909,1996*,1997,2000*,2001,2040*,2243,2370*	4,291	0.5 - 1	0.19	79.46	0.19	15.10

**TABLE C-18**  
**POST-REMEDATION CONDITIONS**  
**AVERAGING AREA 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP: 0- TO 1-FOOT DEPTH INCREMENT**  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**0.5- TO 1-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-E39	1637,2247,2371*	5,841	0.5 - 1	0.16	108.17	0.16	17.31
RAA4-E40	1713,2368*,2369	9,615	0.5 - 1	1.87	178.06	1.87	332.97
RAA4-E40	2369A	16	0.5 - 1	<b>0.021</b>	0.30	0.02	0.01
RAA4-E41S	1925	6,500	0.5 - 1	0.48	120.37	0.48	57.78
RAA4-E41S	1925A	904	0.5 - 1	<b>0.021</b>	16.75	0.02	0.35
RAA4-E42	1787,2358*,2367	3,536	0.5 - 1	0.22	65.49	0.22	14.41
RAA4-F35	2170	1,456	0.5 - 1	1.3	26.97	1.30	35.06
RAA4-F36	1640	2,108	0.5 - 1	3.1	39.03	3.10	121.00
RAA4-F37	1746	3,698	0.5 - 1	61	68.49	61.00	4,177.90
RAA4-F41	1636	4,752	0.5 - 1	0.1805	88.00	0.18	15.88
RAA4-F41	1636A	48	0.5 - 1	<b>0.021</b>	0.89	0.02	0.02
RAA4-F42	1635	4,706	0.5 - 1	0.78	87.14	0.78	67.97
RAA4-F43	1698,1933*,2373*	2,195	0.5 - 1	<b>0.019</b>	40.65	0.02	0.77
RAA4-G33	2173	45	0.5 - 1	1.63	0.83	1.63	1.36
RAA4-G34	2172	4,153	0.5 - 1	3.4	76.91	3.40	261.49
RAA4-G35	1643	8,800	0.5 - 1	0.26	162.96	0.26	42.37
RAA4-G36	1641,1940*,2380	8,637	0.5 - 1	0.045	159.95	0.05	7.20
RAA4-H31	2175	1,418	0.5 - 1	0.87	26.25	0.87	22.84
RAA4-H33	1659	7,593	0.5 - 1	4.6	140.60	4.60	646.77
RAA4-H34	1655,1944*,2383	9,778	0.5 - 1	39	181.07	39.00	7,061.64
RAA4-H35	1642,1943*,2381	8,287	0.5 - 1	0.375	153.46	0.38	57.55
RAA4-HH30	1950,1951,2048	489	0.5 - 1	32.7	9.06	32.70	296.33
RAA4-I30	2047	2	0.5 - 1	390	0.04	390.00	16.11
RAA4-I30	1747A	228	0.5 - 1	<b>0.021</b>	4.22	0.02	0.09
RAA4-I31	1948,2046	1,714	0.5 - 1	230	31.74	230.00	7,299.52
RAA4-I31	1671,1949,2388	3,460	0.5 - 1	<b>0.021</b>	64.08	0.02	1.35
RAA4-I33	1658,1947*,2387	9,846	0.5 - 1	9.1	182.32	9.10	1,659.15
RAA4-I34	1945*,1946,1656	9,105	0.5 - 1	5	168.61	5.00	843.04
RAA4-I35	1740,2384*	5,028	0.5 - 1	0.84	93.11	0.84	78.21
RAA4-J31	2044,2045,2110	2,531	0.5 - 1	23.5	46.86	23.50	1,101.31
RAA4-K31	2109	684	0.5 - 1	45	12.67	45.00	570.36
RAA4-K33	1657	5,906	0.5 - 1	0.254	109.36	0.25	27.78
RCP-C2	1856	3,482	0.5 - 1	44	64.48	44.00	2,837.27
RCP-C3	1857,1937*	4,139	0.5 - 1	38	76.64	38.00	2,912.33
RCP-C4	1824	1,817	0.5 - 1	10	33.65	10.00	336.53
X-11	1794*,1936,2377	3,940	0.5 - 1	0.06	72.96	0.06	4.38
<b>Totals:</b>	--	220,801	--	--	4,088.91	--	52,571.01
<b>Volume-Weighted Average:</b>							<b>12.86</b>

**SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
<b>Totals:</b>	--	220,801	0 - 1	--	8,177.81	--	103,364.44
<b>Volume-Weighted Average:</b>							<b>12.64</b>

**Notes:**

1. Polygon ID and area based on information shown on Figures C-1 and C-2.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation. The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.
6. \* = Indicates paved polygon that has been evaluated as unpaved for the purposes of demonstrating achievement of Performance Standards and for the purposes of the forthcoming ERE. Although evaluated in this manner, these polygons will remain paved.

**TABLE C-19**  
**POST-REMEDATION CONDITIONS**  
**AVERAGING AREA 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT (TABLE C-18)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
<b>Totals:</b>	--	220,801	0 - 1	--	8,177.81	--	103,364.44
<b>Volume-Weighted Average:</b>							<b>12.64</b>

**SUMMARY: 1- TO 6-FOOT DEPTH INCREMENT (TABLE C-15)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
<b>Totals:</b>	--	227,236	1 - 6	--	42,072.52	--	366,221.52
<b>Volume-Weighted Average:</b>							<b>8.70</b>

**6- TO 8-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-02	1282	4	6 - 8	0.0265	0.31	0.03	0.01
95-08	1314	1,345	6 - 8	0.032	99.60	0.03	3.19
95-28	1194,1270,1337	5,456	6 - 8	0.1	404.13	0.10	40.41
E2SC-01	1201,1336	5,997	6 - 8	0.055	444.19	0.06	24.43
E2SC-02	1202,1338	7,308	6 - 8	17	541.31	17.00	9,202.24
E2SC-03	1272	3,227	6 - 8	22	239.01	22.00	5,258.16
E2SC-04	1227	6,479	6 - 8	0.01825	479.94	0.02	8.76
E2SC-06	1313	339	6 - 8	0.105	25.09	0.11	2.63
E2SC-07	1310	2,075	6 - 8	1.4	153.73	1.40	215.23
E2SC-08	1203	3,748	6 - 8	210	277.65	210.00	58,305.49
E2SC-09	1225	1,827	6 - 8	140	135.31	140.00	18,943.35
E2SC-10	1224	4,688	6 - 8	0.0175	347.24	0.02	6.08
E2SC-11	1199	4,201	6 - 8	0.018	311.21	0.02	5.60
E2SC-13	1229	4,535	6 - 8	0.05	335.95	0.05	16.80
E2SC-16	1200	4,553	6 - 8	0.68	337.27	0.68	229.34
E2SC-17	1226	3,510	6 - 8	0.37	259.99	0.37	96.20
ES2-1	1232	3,596	6 - 8	6.4	266.35	6.40	1,704.66
ES2-6	1231	2,514	6 - 8	0.08	186.20	0.08	14.90
RAA4-19	1309	1,682	6 - 8	0.022	124.62	0.02	2.74
RAA4-20	1308	758	6 - 8	0.0195	56.16	0.02	1.10
RAA4-21	1305,1306	2,466	6 - 8	0.0275	182.67	0.03	5.02
RAA4-22	1031B	1,558	6 - 8	0.024	115.39	0.02	2.77
RAA4-E38	1036	5,888	6 - 8	0.575	436.12	0.58	250.77
RAA4-E39	1035,1334	7,099	6 - 8	3.3	525.87	3.30	1,735.36
RAA4-E40	1118	8,361	6 - 8	6	619.34	6.00	3,716.06
RAA4-E41	1034	8,224	6 - 8	2.5	609.17	2.50	1,522.93
RAA4-E42	1162,1162A	7,113	6 - 8	0.0185	526.88	0.02	9.75
RAA4-F35	1322	1,648	6 - 8	0.019	122.05	0.02	2.32
RAA4-F36	1038	4,015	6 - 8	0.01925	297.39	0.02	5.72
RAA4-F41	1033	6,978	6 - 8	0.012	516.90	0.01	6.20
RAA4-F42	1032	5,765	6 - 8	0.0205	427.03	0.02	8.75
RAA4-F43	1103,1103A	3,735	6 - 8	0.0185	276.64	0.02	5.12
RAA4-G33	1325	45	6 - 8	0.0195	3.34	0.02	0.07
RAA4-G34	1324	4,153	6 - 8	0.018	307.63	0.02	5.54
RAA4-G35	1041	8,800	6 - 8	0.018	651.83	0.02	11.73
RAA4-G36	1039	9,848	6 - 8	0.066	729.47	0.07	48.15
RAA4-H31	1327	1,468	6 - 8	2.16	108.74	2.16	234.88
RAA4-H33	1057	7,593	6 - 8	0.21	562.41	0.21	118.11
RAA4-H34	1053	9,778	6 - 8	0.0175	724.27	0.02	12.67
RAA4-H35	1040	8,287	6 - 8	0.018	613.84	0.02	11.05
RAA4-I31	1069	7,128	6 - 8	0.015	528.01	0.02	7.92
RAA4-I33	1056	10,000	6 - 8	0.043	740.74	0.04	31.85
RAA4-I34	1054	9,105	6 - 8	0.02	674.43	0.02	13.49
RAA4-I35	1147	5,028	6 - 8	0.019	372.44	0.02	7.08
RAA4-K31	1280	1,613	6 - 8	140	119.51	140.00	16,731.56
RAA4-K33	1055	6,063	6 - 8	0.016	449.13	0.02	7.19



**TABLE C-19**  
**POST-REMEDATION CONDITIONS**  
**AVERAGING AREA 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**6- TO 8-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RCP-C6	23	574	6 - 7	1,900	42.53	1,055.00	44,871.89
			7 - 8	210			
RCP-C7	24	1,008	6 - 7	2,000	74.66	1,033.00	77,121.48
			7 - 8	66			
RCP-C8	26	2,091	6 - 7	930	154.91	605.00	93,720.77
			7 - 8	280			
RCP-C9	25	3,889	6 - 7	550	288.07	324.00	93,335.52
			7 - 8	98			
X-11	1169	4,516	6 - 8	14	334.54	14.00	4,683.59
<b>Totals:</b>	--	231,677	--	--	17,161.23	--	432,326.61
<b>Volume-Weighted Average:</b>							<b>25.19</b>

**8- TO 10-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-02	1297	4	8 - 10	0.032	0.31	0.03	0.01
95-08	1329	2,347	8 - 10	0.048	173.87	0.05	8.35
95-06	1226	4,089	8 - 10	1.4	302.86	1.40	424.01
95-28	1205,1285,1352	5,456	8 - 10	0.053	404.13	0.05	21.42
E2SC-01	1212,1351	5,997	8 - 10	0.055	444.19	0.06	24.43
E2SC-02	1213,1353	7,538	8 - 10	17	558.38	17.00	9,492.38
E2SC-03	1287	3,227	8 - 10	22	239.01	22.00	5,258.16
E2SC-04	1242	6,479	8 - 10	<b>0.01825</b>	479.94	0.02	8.76
E2SC-06	1328	339	8 - 10	<b>0.105</b>	25.09	0.11	2.63
E2SC-07	1325	2,075	8 - 10	1.4	153.73	1.40	215.23
E2SC-08	1214	7,020	8 - 10	210	520.03	210.00	109,206.22
E2SC-09	1240	1,667	8 - 10	140	123.46	140.00	17,284.09
E2SC-10	1239	3,707	8 - 10	<b>0.0175</b>	274.61	0.02	4.81
E2SC-11	1210	4,201	8 - 10	<b>0.018</b>	311.21	0.02	5.60
E2SC-13	1244	4,535	8 - 10	0.05	335.95	0.05	16.80
E2SC-16	1211	4,553	8 - 10	0.68	337.27	0.68	229.34
E2SC-17	1241	3,510	8 - 10	0.37	259.99	0.37	96.20
ES2-6	1246	3,289	8 - 10	7.5	243.67	7.50	1,827.49
RAA4-19	1324	1,682	8 - 10	<b>0.022</b>	124.62	0.02	2.74
RAA4-20	1323	758	8 - 10	<b>0.0195</b>	56.16	0.02	1.10
RAA4-21	1320,1321	2,466	8 - 10	<b>0.0275</b>	182.67	0.03	5.02
RAA4-22	1041B	1,558	8 - 10	<b>0.024</b>	115.39	0.02	2.77
RAA4-E38	1046	5,888	8 - 10	0.575	436.12	0.58	250.77
RAA4-E39	1045,1349	7,099	8 - 10	3.3	525.87	3.30	1,735.36
RAA4-E40	1128	8,361	8 - 10	6	619.34	6.00	3,716.06
RAA4-E41	1044	8,224	8 - 10	2.5	609.17	2.50	1,522.93
RAA4-E42	1172,1172A	7,113	8 - 10	<b>0.0185</b>	526.88	0.02	9.75
RAA4-F35	1337	1,648	8 - 10	<b>0.019</b>	122.05	0.02	2.32
RAA4-F36	1048	6,348	8 - 10	<b>0.01925</b>	470.19	0.02	9.05
RAA4-F41	1043	6,978	8 - 10	0.012	516.90	0.01	6.20
RAA4-F42	1042	5,765	8 - 10	<b>0.0205</b>	427.03	0.02	8.75
RAA4-F43	1113,1113A	3,735	8 - 10	<b>0.0185</b>	276.64	0.02	5.12
RAA4-G33	1340	45	8 - 10	<b>0.0195</b>	3.34	0.02	0.07
RAA4-G34	1339	4,153	8 - 10	<b>0.018</b>	307.63	0.02	5.54
RAA4-G35	1051	8,800	8 - 10	<b>0.018</b>	651.83	0.02	11.73
RAA4-G36	1049	9,580	8 - 10	0.066	709.63	0.07	46.84
RAA4-H31	1342	1,468	8 - 10	2.16	108.74	2.16	234.88
RAA4-H33	1067	7,593	8 - 10	0.21	562.41	0.21	118.11
RAA4-H34	1063	9,778	8 - 10	<b>0.0175</b>	724.27	0.02	12.67
RAA4-H35	1050	8,287	8 - 10	<b>0.018</b>	613.84	0.02	11.05
RAA4-I31	1079	7,128	8 - 10	0.015	528.01	0.02	7.92
RAA4-I33	1066	10,000	8 - 10	0.043	740.74	0.04	31.85
RAA4-I34	1064	9,105	8 - 10	<b>0.02</b>	674.43	0.02	13.49

**TABLE C-19  
POST-REMEDATION CONDITIONS  
AVERAGING AREA 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**8- TO 10-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-I35	1157	5,028	8 - 10	0.019	372.44	0.02	7.08
RAA4-K31	1295	1,613	8 - 10	140	119.51	140.00	16,731.56
RAA4-K33	1065	6,063	8 - 10	0.016	449.13	0.02	7.19
X-10	1174A	711	8 - 10	160	52.66	160.00	8,425.96
X-11	1179	4,669	8 - 10	100	345.88	100.00	34,587.63
<b>Totals:</b>	--	231,677	--	--	17,161.24	--	211,657.43
<b>Volume-Weighted Average:</b>							<b>12.33</b>

**10- TO 12-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-02	1232	4	10 - 12	0.012	0.31	0.01	0.004
95-06	1164	3,656	10 - 12	34	270.79	34.00	9,206.87
95-08	1260	2,347	10 - 12	0.0415	173.87	0.04	7.22
95-28	1146,1217,1283	5,456	10 - 12	0.015	404.13	0.02	6.06
E2SC-01	1151,1282	5,997	10 - 12	0.055	444.19	0.06	24.43
E2SC-02	1152,1284	7,538	10 - 12	17	558.38	17.00	9,492.38
E2SC-03	1219	3,227	10 - 12	22	239.01	22.00	5,258.16
E2SC-04	1175	6,479	10 - 12	0.01825	479.94	0.02	8.76
E2SC-06	1259	339	10 - 12	0.105	25.09	0.11	2.63
E2SC-07	1256	2,075	10 - 12	1.4	153.73	1.40	215.23
E2SC-08	1153	7,020	10 - 12	210	520.03	210.00	109,206.38
E2SC-09	1173	1,576	10 - 12	140	116.77	140.00	16,347.96
E2SC-10	1172	3,707	10 - 12	0.0175	274.61	0.02	4.81
E2SC-11	1149	4,201	10 - 12	0.018	311.21	0.02	5.60
E2SC-13	1177	4,535	10 - 12	0.05	335.95	0.05	16.80
E2SC-16	1150	4,553	10 - 12	0.68	337.27	0.68	229.34
E2SC-17	1174	3,510	10 - 12	0.37	259.99	0.37	96.20
ES2-1	1180	1,456	10 - 12	24	107.85	24.00	2,588.50
ES2-6	1179	2,514	10 - 12	140	186.20	140.00	26,068.62
RAA4-19	1255	1,682	10 - 12	0.022	124.62	0.02	2.74
RAA4-20	1254	758	10 - 12	0.0195	56.16	0.02	1.10
RAA4-21	994A,1252	2,466	10 - 12	0.0275	182.67	0.03	5.02
RAA4-22	1251	1,558	10 - 12	0.024	115.39	0.02	2.77
RAA4-E38	1000	5,888	10 - 12	0.575	436.12	0.58	250.77
RAA4-E39	999,1280	7,099	10 - 12	3.3	525.87	3.30	1,735.36
RAA4-E40	1081	8,361	10 - 12	6	619.34	6.00	3,716.06
RAA4-E41	998	8,224	10 - 12	2.5	609.17	2.50	1,522.93
RAA4-E42	1124,1124A	7,113	10 - 12	0.0185	526.88	0.02	9.75
RAA4-F35	1268	1,648	10 - 12	0.019	122.05	0.02	2.32
RAA4-F36	1002	6,348	10 - 12	0.01925	470.19	0.02	9.05
RAA4-F41	997	6,978	10 - 12	0.012	516.90	0.01	6.20
RAA4-F42	996	5,765	10 - 12	0.0205	427.03	0.02	8.75
RAA4-F43	1066,1066A	3,735	10 - 12	0.0185	276.64	0.02	5.12
RAA4-G33	1271	45	10 - 12	0.0195	3.34	0.02	0.07
RAA4-G34	1270	4,153	10 - 12	0.018	307.63	0.02	5.54
RAA4-G35	1005	8,800	10 - 12	0.018	651.83	0.02	11.73
RAA4-G36	1003	9,580	10 - 12	0.066	709.63	0.07	46.84
RAA4-H31	1273	1,468	10 - 12	2.16	108.74	2.16	234.88
RAA4-H33	1020	7,593	10 - 12	0.21	562.41	0.21	118.11
RAA4-H34	1016	9,778	10 - 12	0.0175	724.27	0.02	12.67
RAA4-H35	1004	8,287	10 - 12	0.018	613.84	0.02	11.05
RAA4-I31	1032	7,128	10 - 12	0.015	528.01	0.02	7.92
RAA4-I33	1019	10,000	10 - 12	0.043	740.74	0.04	31.85
RAA4-I34	1017	9,105	10 - 12	0.02	674.43	0.02	13.49
RAA4-I35	1110	5,028	10 - 12	0.019	372.44	0.02	7.08
RAA4-K31	1230	1,613	10 - 12	140	119.51	140.00	16,731.56
RAA4-K33	1018	6,063	10 - 12	0.016	449.13	0.02	7.19
X-10	1126A	711	10 - 12	38	52.66	38.00	2,001.16
X-11	1131	4,512	10 - 12	67	334.24	67.00	22,394.38
<b>Totals:</b>	--	231,677	--	--	17,161.24	--	227,699.40
<b>Volume-Weighted Average:</b>							<b>13.27</b>

**TABLE C-19**  
**POST-REMEDATION CONDITIONS**  
**AVERAGING AREA 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**12- TO 14-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-06	1121	3,661	12 - 14	43	271.20	43.00	11,661.70
95-08	1215	2,771	12 - 14	0.038	205.25	0.04	7.80
E2SC-01	1108,1233	6,626	12 - 14	0.055	490.79	0.06	26.99
E2SC-02	1109,1234	10,867	12 - 14	17	804.96	17.00	13,684.28
E2SC-03	1174	4,168	12 - 14	22	308.71	22.00	6,791.64
E2SC-04	1132	6,479	12 - 14	0.01825	479.94	0.02	8.76
E2SC-06	1214	339	12 - 14	0.105	25.09	0.11	2.63
E2SC-07	1211	2,075	12 - 14	1.4	153.73	1.40	215.23
E2SC-08	1110	9,030	12 - 14	210	668.90	210.00	140,468.38
E2SC-09	1130	1,576	12 - 14	140	116.77	140.00	16,347.96
E2SC-10	1129	3,707	12 - 14	0.0175	274.61	0.02	4.81
E2SC-11	1106	4,201	12 - 14	0.018	311.21	0.02	5.60
E2SC-13	1134	4,535	12 - 14	0.05	335.95	0.05	16.80
E2SC-16	1107	4,553	12 - 14	0.68	337.27	0.68	229.34
E2SC-17	1131	4,238	12 - 14	0.37	313.91	0.37	116.15
ES2-1	1137	2,046	12 - 14	42	151.58	42.00	6,366.48
ES2-6	1136	4,249	12 - 14	160	314.75	160.00	50,359.47
RAA4-19	1210	1,682	12 - 14	0.022	124.62	0.02	2.74
RAA4-20	1209	758	12 - 14	0.0195	56.16	0.02	1.10
RAA4-21	1206,1207	2,466	12 - 14	0.0275	182.67	0.03	5.02
RAA4-22	961B	1,558	12 - 14	0.024	115.39	0.02	2.77
RAA4-E38	966	5,904	12 - 14	0.575	437.35	0.58	251.47
RAA4-E39	965,1231	7,111	12 - 14	3.3	526.74	3.30	1,738.24
RAA4-E40	1046	8,361	12 - 14	6	619.34	6.00	3,716.06
RAA4-E41	964	8,224	12 - 14	2.5	609.17	2.50	1,522.93
RAA4-E42	1089,1089A	7,113	12 - 14	0.0185	526.88	0.02	9.75
RAA4-F35	1221	1,648	12 - 14	0.019	122.05	0.02	2.32
RAA4-F36	968	6,558	12 - 14	0.01925	485.81	0.02	9.35
RAA4-F41	963	6,978	12 - 14	0.012	516.90	0.01	6.20
RAA4-F42	962	5,765	12 - 14	0.0205	427.03	0.02	8.75
RAA4-F43	1032,1032A	3,735	12 - 14	0.0185	276.64	0.02	5.12
RAA4-G33	1224	45	12 - 14	0.0195	3.34	0.02	0.07
RAA4-G34	1223	4,153	12 - 14	0.018	307.63	0.02	5.54
RAA4-G35	971	8,800	12 - 14	0.018	651.83	0.02	11.73
RAA4-G36	969	9,628	12 - 14	0.066	713.22	0.07	47.07
RAA4-H31	1226	1,468	12 - 14	2.16	108.74	2.16	234.88
RAA4-H33	986	7,593	12 - 14	0.21	562.41	0.21	118.11
RAA4-H34	982	9,778	12 - 14	0.0175	724.27	0.02	12.67
RAA4-H35	970	8,287	12 - 14	0.018	613.84	0.02	11.05
RAA4-I31	998	7,132	12 - 14	0.015	528.32	0.02	7.92
RAA4-I33	985	10,000	12 - 14	0.043	740.74	0.04	31.85
RAA4-I34	983	9,105	12 - 14	0.02	674.43	0.02	13.49
RAA4-I35	1075	5,028	12 - 14	0.019	372.44	0.02	7.08
RAA4-K31	1182	1,613	12 - 14	140	119.51	140.00	16,731.56
RAA4-K33	984	6,063	12 - 14	0.016	449.13	0.02	7.19
<b>Totals:</b>	--	231,677	--	--	17,161.24	--	270,836.05
						<b>Volume-Weighted Average:</b>	<b>15.78</b>

**14- TO 15-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-06	1092	3,656	14 - 15	44	135.40	44.00	5,957.39
95-08	1182	2,771	14 - 15	0.0455	102.63	0.05	4.67
E2SC-01	1081,1205	6,626	14 - 15	0.055	245.40	0.06	13.50
E2SC-02	1082,1206	10,658	14 - 15	17	394.73	17.00	6,710.40
E2SC-03	1141	4,168	14 - 15	22	154.36	22.00	3,395.82
E2SC-04	1101	6,479	14 - 15	0.01825	239.97	0.02	4.38
E2SC-06	1181	339	14 - 15	0.105	12.54	0.11	1.32
E2SC-07	1178	2,075	14 - 15	1.4	76.87	1.40	107.61
E2SC-08	1083	7,097	14 - 15	210	262.84	210.00	55,197.41

**TABLE C-19  
POST-REMEDATION CONDITIONS  
AVERAGING AREA 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP: 0- TO 15-FOOT DEPTH INCREMENT**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2 - SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**14- TO 15-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
E2SC-09	1099	1,576	14 - 15	140	58.39	140.00	8,173.98
E2SC-10	1098	3,707	14 - 15	<b>0.0175</b>	137.31	0.02	2.40
E2SC-11	1079	4,201	14 - 15	<b>0.018</b>	155.61	0.02	2.80
E2SC-13	1103	4,535	14 - 15	0.05	167.97	0.05	8.40
E2SC-16	1080	4,553	14 - 15	0.68	168.64	0.68	114.67
E2SC-17	1100	4,238	14 - 15	0.37	156.95	0.37	58.07
ES2-1	1106	1,456	14 - 15	74	53.93	74.00	3,990.60
ES2-6	1105	2,524	14 - 15	81	93.47	81.00	7,570.95
RAA4-19	1177	1,682	14 - 15	<b>0.022</b>	62.31	0.02	1.37
RAA4-20	1176	758	14 - 15	<b>0.0195</b>	28.08	0.02	0.55
RAA4-21	1173,1174	2,466	14 - 15	<b>0.0275</b>	91.33	0.03	2.51
RAA4-22	939B	1,558	14 - 15	<b>0.024</b>	57.70	0.02	1.38
RAA4-E38	944	5,904	14 - 15	0.575	218.67	0.58	125.74
RAA4-E39	943,1203	7,111	14 - 15	3.3	263.37	3.30	869.12
RAA4-E40	1024	8,361	14 - 15	6	309.67	6.00	1,858.03
RAA4-E41	942	8,224	14 - 15	2.5	304.59	2.50	761.46
RAA4-E42	1068,1068A	7,113	14 - 15	<b>0.0185</b>	263.44	0.02	4.87
RAA4-F35	1188	1,648	14 - 15	<b>0.019</b>	61.03	0.02	1.16
RAA4-F36	946	6,558	14 - 15	<b>0.01925</b>	242.90	0.02	4.68
RAA4-F41	941	6,978	14 - 15	0.012	258.45	0.01	3.10
RAA4-F42	940	5,765	14 - 15	<b>0.0205</b>	213.52	0.02	4.38
RAA4-F43	1010,1010A	3,735	14 - 15	<b>0.0185</b>	138.32	0.02	2.56
RAA4-G33	1191	45	14 - 15	<b>0.0195</b>	1.67	0.02	0.03
RAA4-G34	1190	4,153	14 - 15	<b>0.018</b>	153.82	0.02	2.77
RAA4-G35	949	8,800	14 - 15	<b>0.018</b>	325.92	0.02	5.87
RAA4-G36	947	9,580	14 - 15	0.066	354.82	0.07	23.42
RAA4-H31	1193	1,468	14 - 15	2.16	54.37	2.16	117.44
RAA4-H33	964	7,593	14 - 15	0.21	281.21	0.21	59.05
RAA4-H34	960	9,778	14 - 15	<b>0.0175</b>	362.14	0.02	6.34
RAA4-H35	948	8,287	14 - 15	<b>0.018</b>	306.92	0.02	5.52
RAA4-I31	976	7,132	14 - 15	0.015	264.16	0.02	3.96
RAA4-I33	963	10,000	14 - 15	0.043	370.37	0.04	15.93
RAA4-I34	961	9,105	14 - 15	<b>0.02</b>	337.21	0.02	6.74
RAA4-I35	1053	5,028	14 - 15	<b>0.019</b>	186.22	0.02	3.54
RAA4-K31	1149	1,613	14 - 15	140	59.76	140.00	8,365.78
RAA4-K33	962	6,063	14 - 15	0.016	224.57	0.02	3.59
X-11	1072	4,512	14 - 15	89.8	167.12	89.80	15,007.58
<b>Totals:</b>	--	231,677	--	--	8,580.62	--	118,582.85
<b>Volume-Weighted Average:</b>							<b>13.82</b>

**SUMMARY: 0- TO 15-FOOT DEPTH INCREMENT**

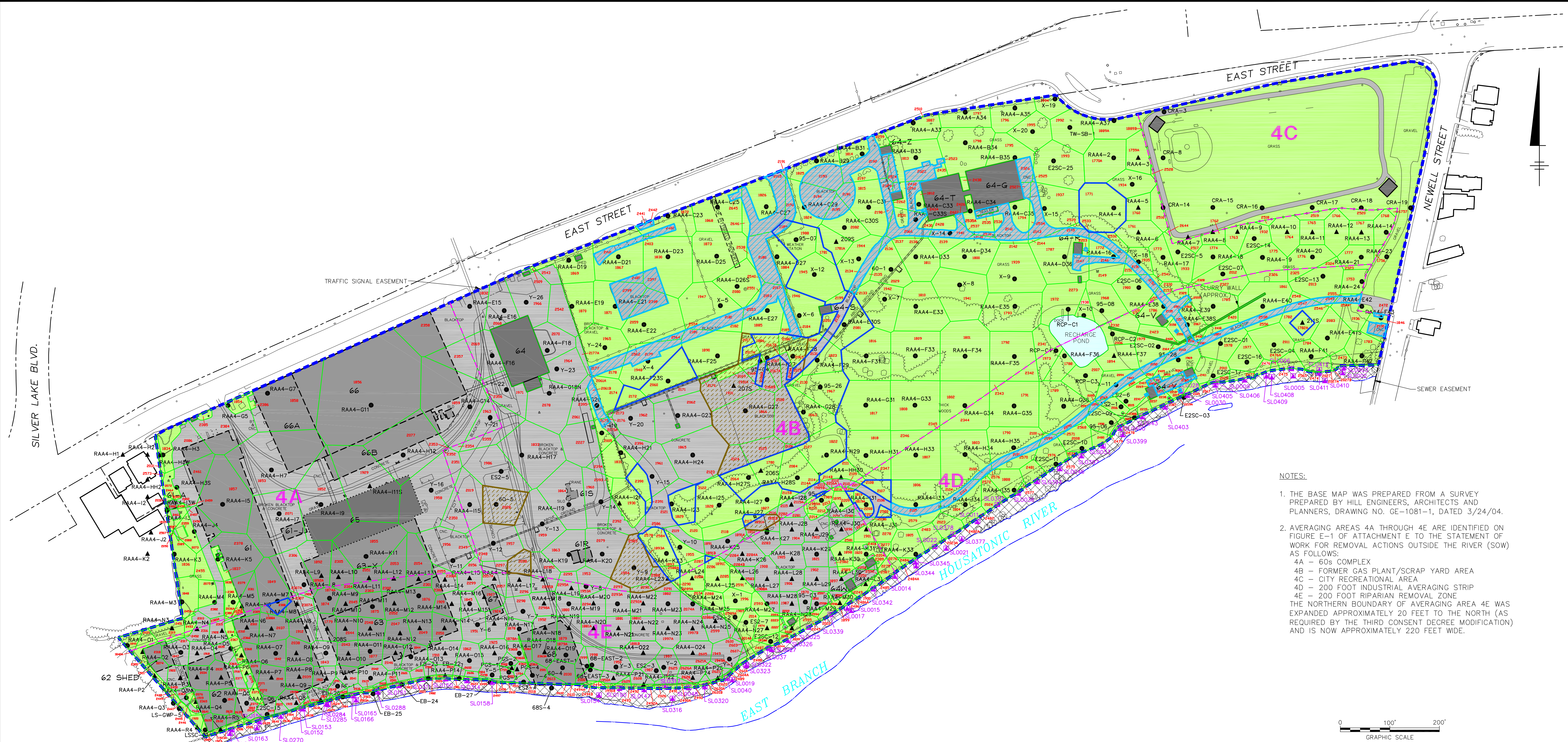
Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
<b>Totals:</b>	--	229,489	0 - 15	--	127,475.89	--	1,730,688.31
<b>Volume-Weighted Average:</b>							<b>13.58</b>

**Notes:**

1. Polygon ID and area based on information shown on Figures C-8 through C-12.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.



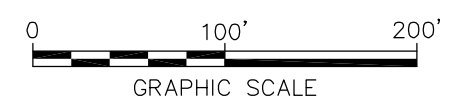
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 XREFS: 1011TX05 1011TX00  
 IMAGES: PROJECTNAME:



LEGEND	
	APPROXIMATE REMOVAL ACTION AREA BOUNDARY
	APPROXIMATE LIMITS OF RD/RA AVERAGING AREAS
	PROPERTY LINE
	EASEMENT LINE
	EDGE OF WATER
	STONE WALL
	CHAIN LINK FENCE
	RETAINING WALL
	RAILROAD TRACKS
	TREELINE
	SHRUB
	UTILITY POLE
	HYDRANT
	STEEL VAULT
	ELECTRIC TRANSFORMER
	LIGHT
	CATCH BASIN
	BOLLARD
	BUILDING
	DEMOLISHED BUILDING
	BUILDING SUBJECT TO FUTURE DEMOLITION
	PAVED AREA (ASPHALT/CONCRETE)
	UNPAVED AREA (GRASS/DIRT/GRAVEL)
	AREA ADDRESSED AS PART OF BUILDING 68 REMOVAL ACTION OR 1/2-MILE REACH REMOVAL ACTION
	RAA4-6 SURFACE SOIL SAMPLE LOCATION (0- TO 1- FOOT SAMPLE DEPTH)
	E2SC-06 SOIL BORING LOCATION (1- FOOT OR GREATER SAMPLE DEPTH)
	SLO403 EXISTING RIVER BANK SOIL SAMPLE
	HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THIESSEN POLYGON APPROACH.
	POLYGON ID
	AREA PROPOSED FOR SOIL REMOVAL
	ENHANCED PAVEMENT
	PAVED AREA (ASPHALT/CONCRETE) TO BE EVALUATED AS UNPAVED

NOTES:

1. THE BASE MAP WAS PREPARED FROM A SURVEY PREPARED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. GE-1081-1, DATED 3/24/04.
2. AVERAGING AREAS 4A THROUGH 4E ARE IDENTIFIED ON FIGURE E-1 OF ATTACHMENT E TO THE STATEMENT OF WORK FOR REMOVAL ACTIONS OUTSIDE THE RIVER (SOW) AS FOLLOWS:
  - 4A - 60s COMPLEX
  - 4B - FORMER GAS PLANT/SCRAP YARD AREA
  - 4C - CITY RECREATIONAL AREA
  - 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP
  - 4E - 200 FOOT RIPARIAN REMOVAL ZONE
 THE NORTHERN BOUNDARY OF AVERAGING AREA 4E WAS EXPANDED APPROXIMATELY 20 FEET TO THE NORTH (AS REQUIRED BY THE THIRD CONSENT DECREE MODIFICATION) AND IS NOW APPROXIMATELY 220 FEET WIDE.



GENERAL ELECTRIC COMPANY  
 PITTSFIELD, MASSACHUSETTS  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA  
 WORK PLAN FOR EAST STREET AREA 2-SOUTH**

**THIESSEN POLYGON MAP  
 0- TO 0.5-FOOT DEPTH INCREMENT**



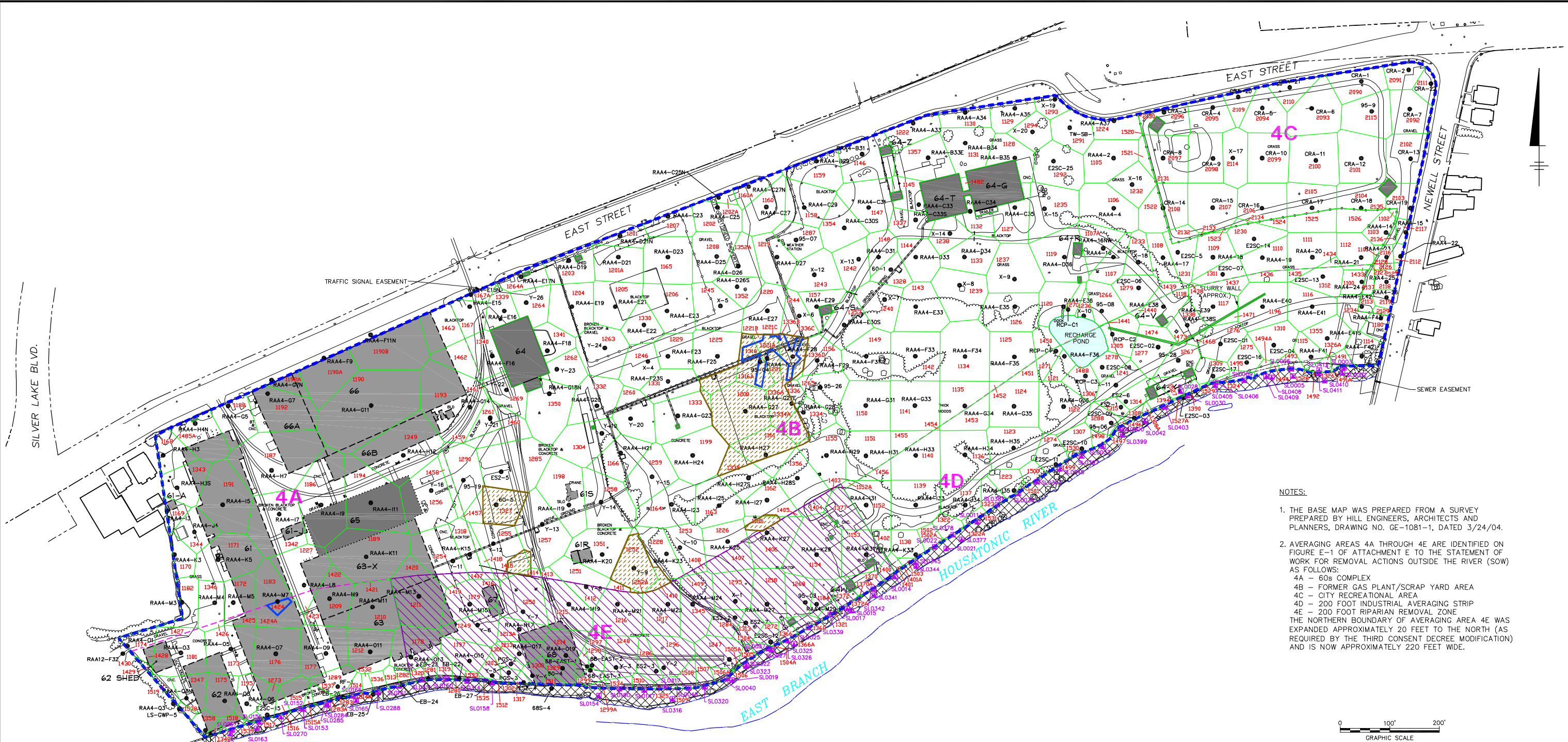
FIGURE  
**C-1**







CITY: SVR DIV/GRP: 141 DB: DMW LD: DMW PM: C.AVERILL TM: (Or) LVR: (Or) ON: "OFF" REF: ACADVER: 17.05 (LMS TECH) PAGES: 17.05 (LMS TECH) PLOTTED: 4/20/2009 8:07 PM BY: WODARCZYK DAVID  
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 XREFS: 10111X05 10111X06  
 IMAGES: PROJECTNAME:



**NOTES:**

1. THE BASE MAP WAS PREPARED FROM A SURVEY PREPARED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. GE-1081-1, DATED 3/24/04.
2. AVERAGING AREAS 4A THROUGH 4E ARE IDENTIFIED ON FIGURE E-1 OF ATTACHMENT E TO THE STATEMENT OF WORK FOR REMOVAL ACTIONS OUTSIDE THE RIVER (SOW) AS FOLLOWS:  
 4A - 60s COMPLEX  
 4B - FORMER GAS PLANT/SCRAP YARD AREA  
 4C - CITY RECREATIONAL AREA  
 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP  
 4E - 200 FOOT RIPARIAN REMOVAL ZONE  
 THE NORTHERN BOUNDARY OF AVERAGING AREA 4E WAS EXPANDED APPROXIMATELY 20 FEET TO THE NORTH (AS REQUIRED BY THE THIRD CONSENT DECREE MODIFICATION) AND IS NOW APPROXIMATELY 220 FEET WIDE.



LEGEND	
	APPROXIMATE REMOVAL ACTION AREA BOUNDARY
	APPROXIMATE LIMITS OF RD/RA AVERAGING AREAS
	PROPERTY LINE
	EASEMENT LINE
	EDGE OF WATER
	STONE WALL
	CHAIN LINK FENCE
	RETAINING WALL
	RAILROAD TRACKS
	TREELINE
	SHRUB
	UTILITY POLE
	HYDRANT
	STEEL VAULT
	ELECTRIC TRANSFORMER
	LIGHT
	CATCH BASIN
	BOLLARD
	BUILDING
	DEMOLISHED BUILDING
	BUILDING SUBJECT TO FUTURE DEMOLITION
	AREA ADDRESSED AS PART OF BUILDING 68 REMOVAL ACTION OR 1/2-MILE REACH REMOVAL ACTION
	VEGETATIVE ENGINEERED BARRIER
	ENHANCED PAVEMENT
	E2SC-06 SOIL BORING LOCATION (1- FOOT OR GREATER SAMPLE DEPTH)
	EXISTING RIVER BANK SOIL SAMPLE
	HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THIESSEN POLYGON APPROACH.
	POLYGON ID
	AREA PROPOSED FOR SOIL REMOVAL

GENERAL ELECTRIC COMPANY  
 PITTSFIELD, MASSACHUSETTS  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA  
 WORK PLAN FOR EAST STREET AREA 2-SOUTH**

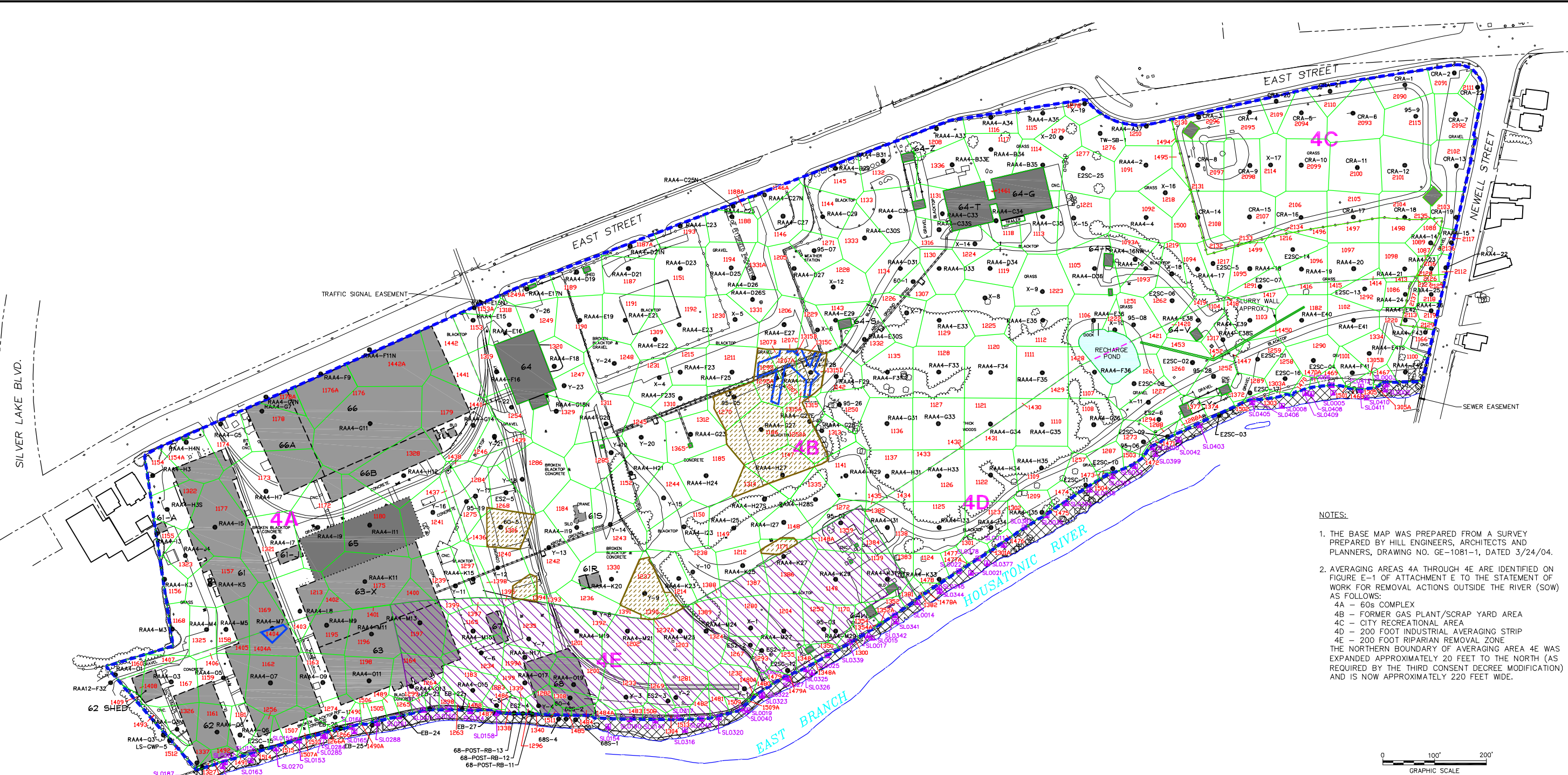
**THIESSEN POLYGON MAP  
 1- TO 2-FOOT DEPTH INCREMENT**



FIGURE  
**C-3**



CITY: SVR DIV/GRP: 141 DB: DMW LD: DMW PM: C.AVERILL TM: (Or) LVR: (Or) ON: "OFF-REF" ACADVER: 17.05 (LMS TECH) PAGES: 17.05 (LMS TECH) PLOTTED: 4/20/2009 8:06 PM BY: WODARCZYK DAVID  
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 XREFS: 10111X05 10111X06  
 IMAGES: PROJECTNAME:



**LEGEND**

- |  |   |  |   |  |  |
|--|---|--|---|--|--|
|  | APPROXIMATE REMOVAL ACTION AREA BOUNDARY    |  | STEEL VAULT   |  | E2SC-06 SOIL BORING LOCATION (1- FOOT OR GREATER SAMPLE DEPTH)   |
|  | APPROXIMATE LIMITS OF RD/RA AVERAGING AREAS |  | ELECTRIC TRANSFORMER  |  | EXISTING RIVER BANK SOIL SAMPLE  |
|  | PROPERTY LINE                               |  | LIGHT   |  | HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THIESSEN POLYGON APPROACH. |
|  | EASEMENT LINE                               |  | CATCH BASIN   |  | POLYGON ID   |
|  | EDGE OF WATER                               |  | BOLLARD   |  | AREA PROPOSED FOR SOIL REMOVAL   |
|  | STONE WALL                                  |  | BUILDING  |  |  |
|  | CHAIN LINK FENCE                            |  | DEMOLISHED BUILDING   |  |  |
|  | RETAINING WALL                              |  | BUILDING SUBJECT TO FUTURE DEMOLITION   |  |  |
|  | RAILROAD TRACKS                             |  | AREA ADDRESSED AS PART OF BUILDING 68 REMOVAL ACTION OR 1/2-MILE REACH REMOVAL ACTION |  |  |
|  | TREELINE                                    |  | VEGETATIVE ENGINEERED BARRIER   |  |  |
|  | SHRUB                                       |  | ENHANCED PAVEMENT   |  |  |
|  | UTILITY POLE                                |  |   |  |  |
|  | HYDRANT                                     |  |   |  |  |

- NOTES:**
1. THE BASE MAP WAS PREPARED FROM A SURVEY PREPARED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. GE-1081-1, DATED 3/24/04.
  2. AVERAGING AREAS 4A THROUGH 4E ARE IDENTIFIED ON FIGURE E-1 OF ATTACHMENT E TO THE STATEMENT OF WORK FOR REMOVAL ACTIONS OUTSIDE THE RIVER (SOW) AS FOLLOWS:  
 4A - 60s COMPLEX  
 4B - FORMER GAS PLANT/SCRAP YARD AREA  
 4C - CITY RECREATIONAL AREA  
 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP  
 4E - 200 FOOT RIPARIAN REMOVAL ZONE  
 THE NORTHERN BOUNDARY OF AVERAGING AREA 4E WAS EXPANDED APPROXIMATELY 20 FEET TO THE NORTH (AS REQUIRED BY THE THIRD CONSENT DECREE MODIFICATION) AND IS NOW APPROXIMATELY 220 FEET WIDE.



GENERAL ELECTRIC COMPANY  
 PITTSFIELD, MASSACHUSETTS  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA  
 WORK PLAN FOR EAST STREET AREA 2-SOUTH**

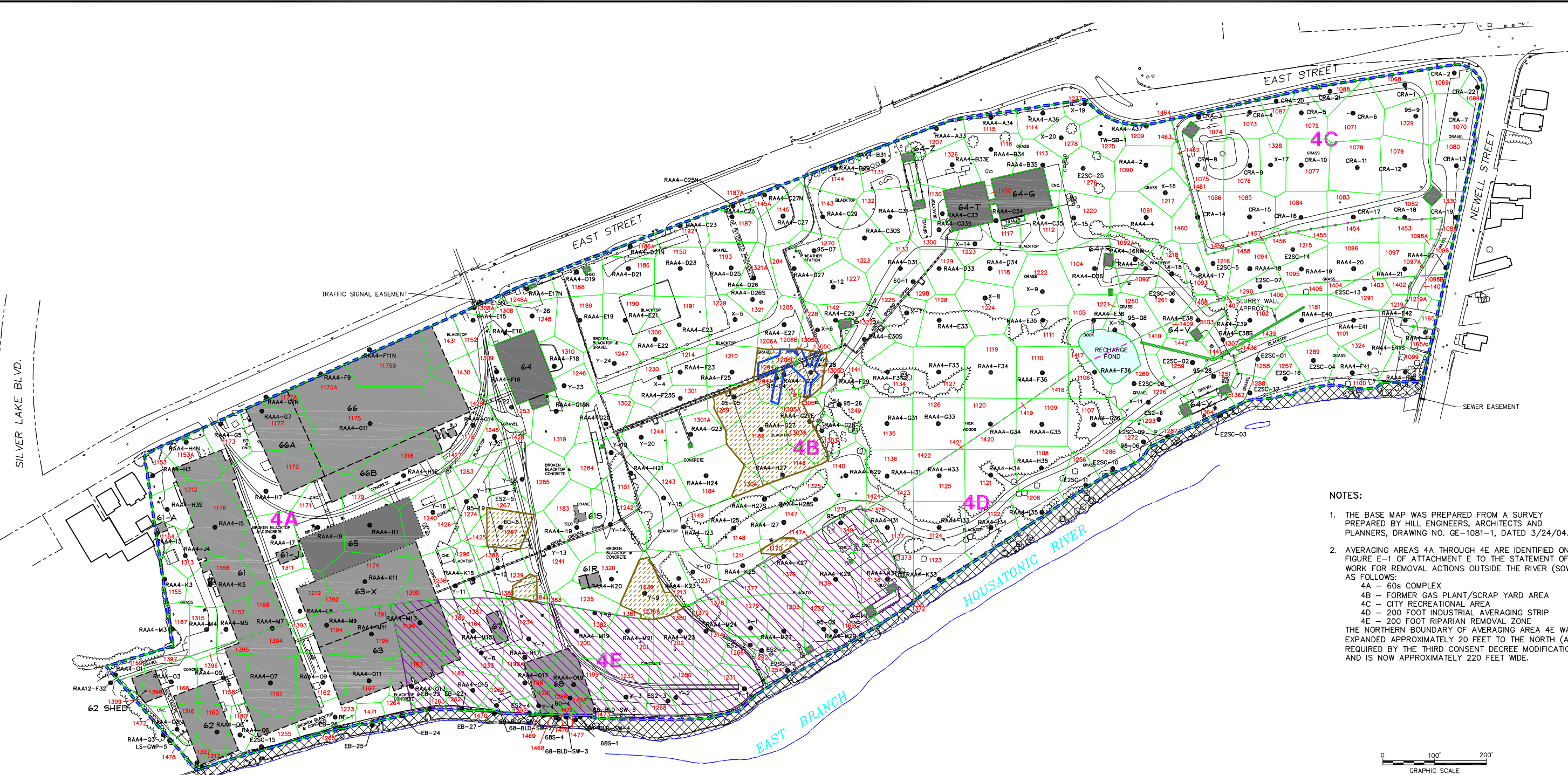
**THIESSEN POLYGON MAP  
 2 - TO 3-FOOT DEPTH INCREMENT**



**FIGURE  
 C-4**



CITY: SVR DIVGROUP: 141 DB: DMW LD: DMW PM: C.AVERILL TM: (Or) LVR: (Or) ON: OFF=REF. ACADVER: 17.05 (LMS TECH) PAGES: 17.05 (LMS TECH) PLOTTED: 4/21/2009 7:56 AM BY: WODARCZYK DAVID  
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 XREFS: 10111X05 10111X06 10111X07 10111X08 10111X09 10111X10 10111X11 10111X12 10111X13 10111X14 10111X15 10111X16 10111X17 10111X18 10111X19 10111X20 10111X21 10111X22 10111X23 10111X24 10111X25 10111X26 10111X27 10111X28 10111X29 10111X30 10111X31 10111X32 10111X33 10111X34 10111X35 10111X36 10111X37 10111X38 10111X39 10111X40 10111X41 10111X42 10111X43 10111X44 10111X45 10111X46 10111X47 10111X48 10111X49 10111X50 10111X51 10111X52 10111X53 10111X54 10111X55 10111X56 10111X57 10111X58 10111X59 10111X60 10111X61 10111X62 10111X63 10111X64 10111X65 10111X66 10111X67 10111X68 10111X69 10111X70 10111X71 10111X72 10111X73 10111X74 10111X75 10111X76 10111X77 10111X78 10111X79 10111X80 10111X81 10111X82 10111X83 10111X84 10111X85 10111X86 10111X87 10111X88 10111X89 10111X90 10111X91 10111X92 10111X93 10111X94 10111X95 10111X96 10111X97 10111X98 10111X99 10111X00



- NOTES:**
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    - 4A - 60s COMPLEX
    - 4B - FORMER GAS PLANT/SCRAP YARD AREA
    - 4C - CITY RECREATIONAL AREA
    - 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP
    - 4E - 200 FOOT RIPARIAN REMOVAL ZONE
 THE NORTHERN BOUNDARY OF AVERAGING AREA 4E WAS EXPANDED APPROXIMATELY 20 FEET TO THE NORTH (AS REQUIRED BY THE THIRD CONSENT DECREE MODIFICATION) AND IS NOW APPROXIMATELY 220 FEET WIDE.



LEGEND:	
	APPROXIMATE REMOVAL ACTION AREA BOUNDARY
	APPROXIMATE LIMITS OF RD/RA AVERAGING AREAS
	PROPERTY LINE
	EASEMENT LINE
	EDGE OF WATER
	STONE WALL
	CHAIN LINK FENCE
	RETAINING WALL
	RAILROAD TRACKS
	TREELINE
	SHRUB
	UTILITY POLE
	HYDRANT
	STEEL VAULT
	ELECTRIC TRANSFORMER
	LIGHT
	CATCH BASIN
	BOLLARD
	BUILDING
	DEMOLISHED BUILDING
	BUILDING SUBJECT TO FUTURE DEMOLITION
	AREA ADDRESSED AS PART OF BUILDING 68 REMOVAL ACTION OR 1/2-MILE REACH REMOVAL ACTION
	VEGETATIVE ENGINEERED BARRIER
	ENHANCED PAVEMENT
	E2SC-06 SOIL BORING LOCATION (1- FOOT OR GREATER SAMPLE DEPTH)
	HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THIESSEN POLYGON APPROACH.
	POLYGON ID
	AREA PROPOSED FOR SOIL REMOVAL

**GENERAL ELECTRIC COMPANY  
 PITTSFIELD, MASSACHUSETTS  
 SECOND ADDENDUM TO CONCEPTUAL RD/RA  
 WORK PLAN FOR EAST STREET AREA 2-SOUTH**

**THIESSEN POLYGON MAP  
 3- TO 4-FOOT DEPTH INCREMENT**



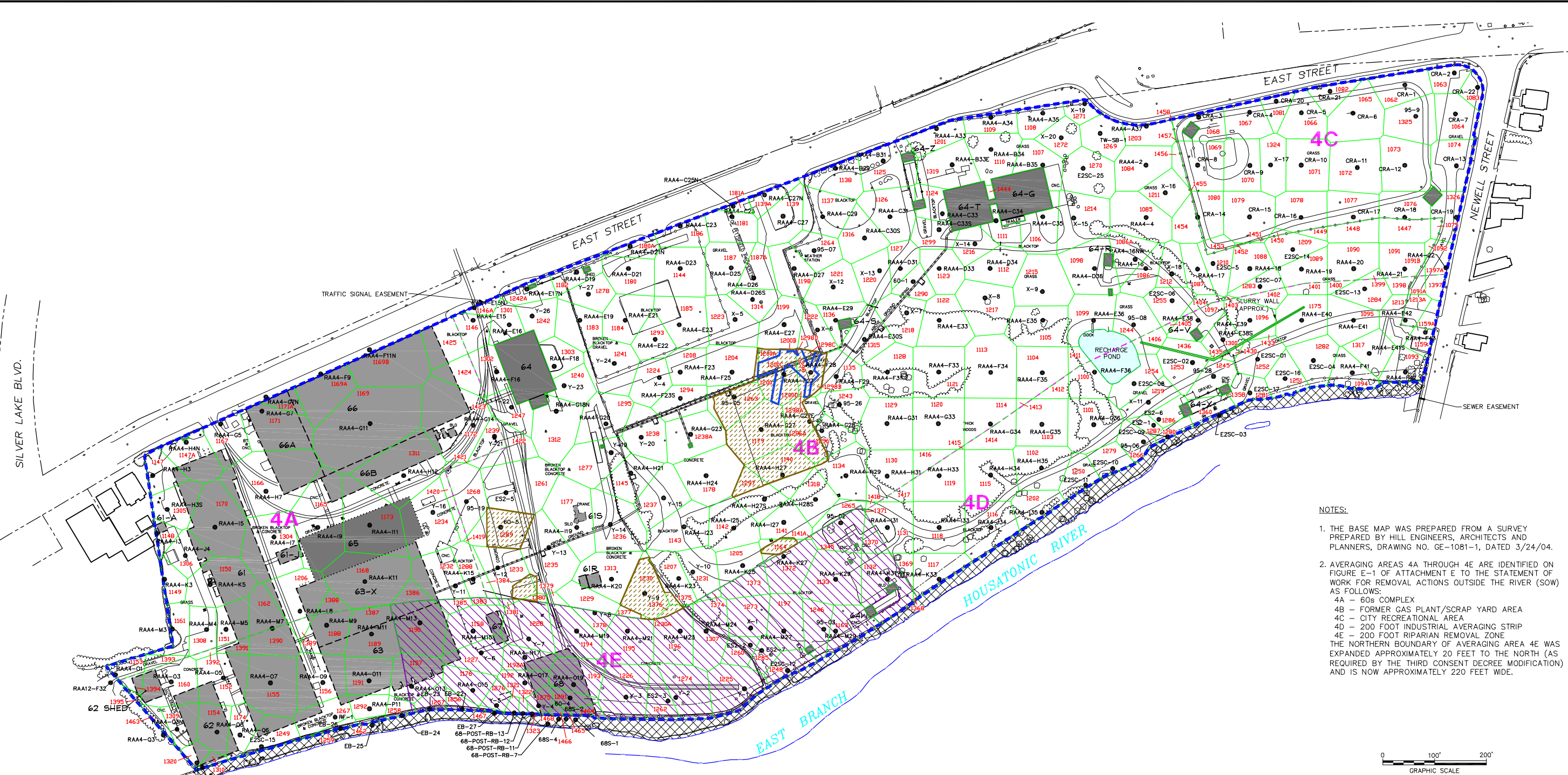
**FIGURE  
 C-5**







CITY: SYR DIV/GROUP: 141 DB: DMW LD: DMW PM: C. AVERILL TM: (Or) LVR: (Or) ON: "OFF" REF: G:\GEN\ENVCAD\SYR\FACUSEACT\T\B00101110000000005\DWG3\2ND ADD\10111G13.DWG LAYOUT: C7 SAVED: 4/21/2009 7:58 AM ACADVER: 17.05 (LMS TECH) PAGES: 17 OF 17 PLOTTED: 4/21/2009 7:59 AM BY: WODARCZYK, DAVID  
 XREFS: 10111X05 10111X06  
 IMAGES: PROJECTNAME:



**NOTES:**

1. THE BASE MAP WAS PREPARED FROM A SURVEY PREPARED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. GE-1081-1, DATED 3/24/04.
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 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP  
 4E - 200 FOOT RIPARIAN REMOVAL ZONE  
 THE NORTHERN BOUNDARY OF AVERAGING AREA 4E WAS EXPANDED APPROXIMATELY 20 FEET TO THE NORTH (AS REQUIRED BY THE THIRD CONSENT DECREE MODIFICATION) AND IS NOW APPROXIMATELY 220 FEET WIDE.



LEGEND	
	APPROXIMATE REMOVAL ACTION AREA BOUNDARY
	APPROXIMATE LIMITS OF RD/RA AVERAGING AREAS
	PROPERTY LINE
	EASEMENT LINE
	EDGE OF WATER
	STONE WALL
	CHAIN LINK FENCE
	RETAINING WALL
	RAILROAD TRACKS
	TREELINE
	SHRUB
	UTILITY POLE
	HYDRANT
	STEEL VAULT
	ELECTRIC TRANSFORMER
	LIGHT
	CATCH BASIN
	BOLLARD
	BUILDING
	DEMOLISHED BUILDING
	BUILDING SUBJECT TO FUTURE DEMOLITION
	AREA ADDRESSED AS PART OF BUILDING 68 REMOVAL ACTION OR 1/2-MILE REACH REMOVAL ACTION
	VEGETATIVE ENGINEERED BARRIER
	ENHANCED PAVEMENT
	E2SC-06 SOIL BORING LOCATION (1- FOOT OR GREATER SAMPLE DEPTH)
	HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THIESSEN POLYGON APPROACH.
	POLYGON ID
	AREA PROPOSED FOR SOIL REMOVAL

GENERAL ELECTRIC COMPANY  
 PITTSFIELD, MASSACHUSETTS  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2-SOUTH**

**THIESSEN POLYGON MAP  
 5- TO 6-FOOT DEPTH INCREMENT**

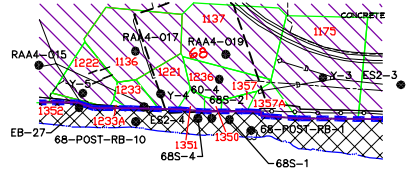
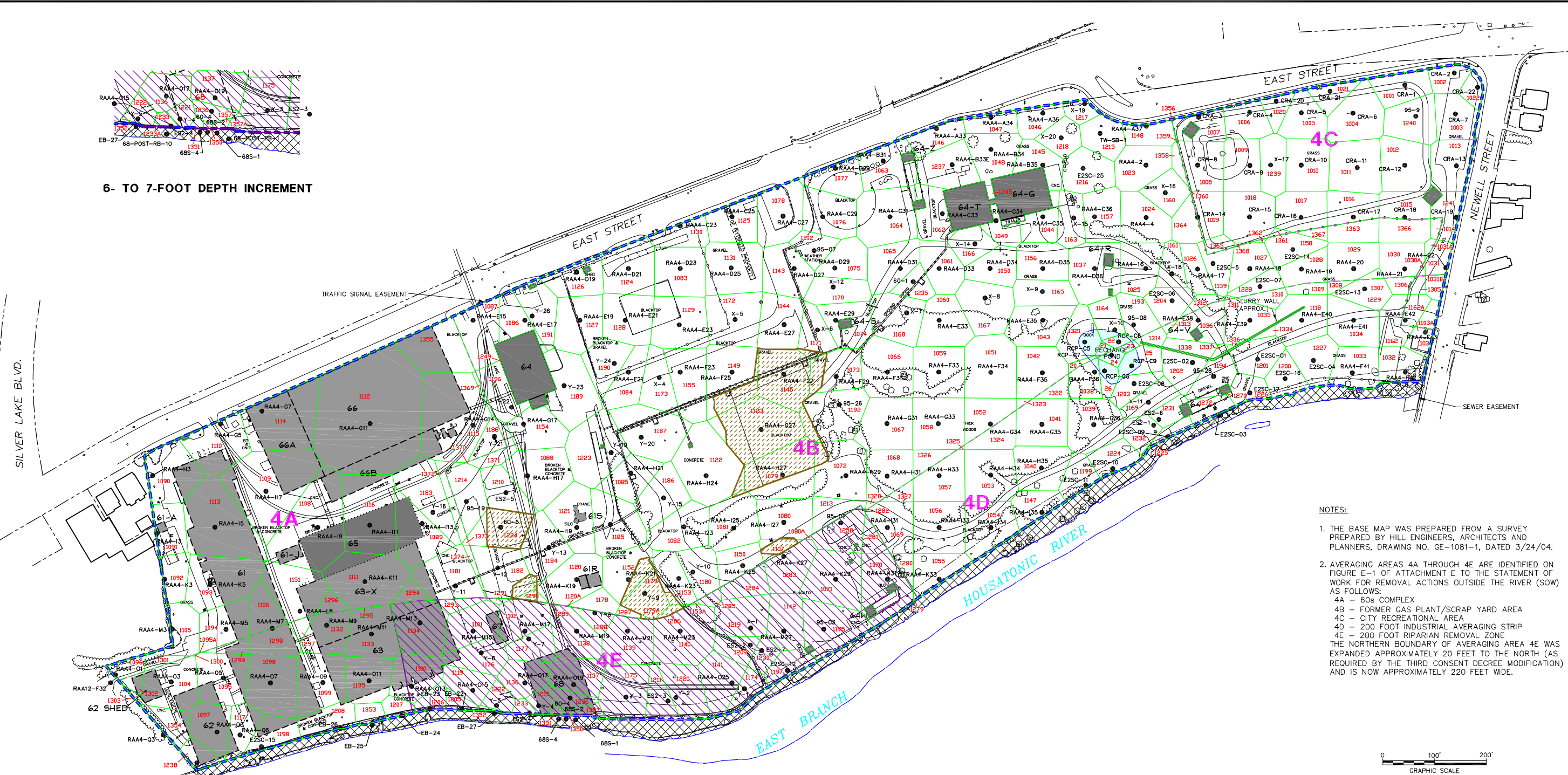


**FIGURE  
 C-7**



CITY: SYR DIV/GROUP: 141 DB: DMW LD: DMW PM: C. AVERILL TM: (Or) LVR: (Or) ON: "OFF" REF: G:\GEN\ENVCAD\SYR\FACUSEACT\M00101110000000005\DWG3\2ND ADD\10111G14.DWG LAYOUT: C-8 SAVED: 4/20/2009 7:52 PM ACADVER: 17.05 (LMS TECH) PAGES: 17.05 (LMS TECH) PLOTTED: 4/20/2009 8:03 PM BY: WODARCZYK, DAVID

**6- TO 7-FOOT DEPTH INCREMENT**



**LEGEND**

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- APPROXIMATE LIMITS OF RD/RA AVERAGING AREAS
- PROPERTY LINE
- EASEMENT LINE
- EDGE OF WATER
- STONE WALL
- CHAIN LINK FENCE
- RETAINING WALL
- RAILROAD TRACKS
- TREELINE
- SHRUB
- UTILITY POLE
- HYDRANT
- STEEL VAULT
- ELECTRIC TRANSFORMER
- LIGHT
- CATCH BASIN
- BOLLARD
- BUILDING
- DEMOLISHED BUILDING
- BUILDING SUBJECT TO FUTURE DEMOLITION
- ▨ AREA ADDRESSED AS PART OF BUILDING 68 REMOVAL ACTION OR 1/2-MILE REACH REMOVAL ACTION
- ▨ VEGETATIVE ENGINEERED BARRIER
- ▨ ENHANCED PAVEMENT
- E2SC-06 SOIL BORING LOCATION (1- FOOT OR GREATER SAMPLE DEPTH)
- △ HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THIESSEN POLYGON APPROACH.
- 923 POLYGON ID

- NOTES:**
- THE BASE MAP WAS PREPARED FROM A SURVEY PREPARED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. GE-1081-1, DATED 3/24/04.
  - AVERAGING AREAS 4A THROUGH 4E ARE IDENTIFIED ON FIGURE E-1 OF ATTACHMENT E TO THE STATEMENT OF WORK FOR REMOVAL ACTIONS OUTSIDE THE RIVER (SOW) AS FOLLOWS:
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    - 4C - CITY RECREATIONAL AREA
    - 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP
    - 4E - 200 FOOT RIPARIAN REMOVAL ZONE
 THE NORTHERN BOUNDARY OF AVERAGING AREA 4E WAS EXPANDED APPROXIMATELY 20 FEET TO THE NORTH (AS REQUIRED BY THE THIRD CONSENT DECREE MODIFICATION) AND IS NOW APPROXIMATELY 220 FEET WIDE.



**GENERAL ELECTRIC COMPANY  
 PITTSFIELD, MASSACHUSETTS  
 SECOND ADDENDUM TO CONCEPTUAL RD/RA  
 WORK PLAN FOR EAST STREET AREA 2-SOUTH**

**THIESSEN POLYGON MAP  
 6- TO 8-FOOT DEPTH INCREMENT**



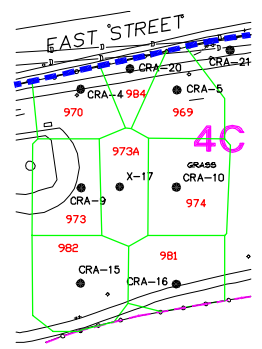
**FIGURE  
 C-8**



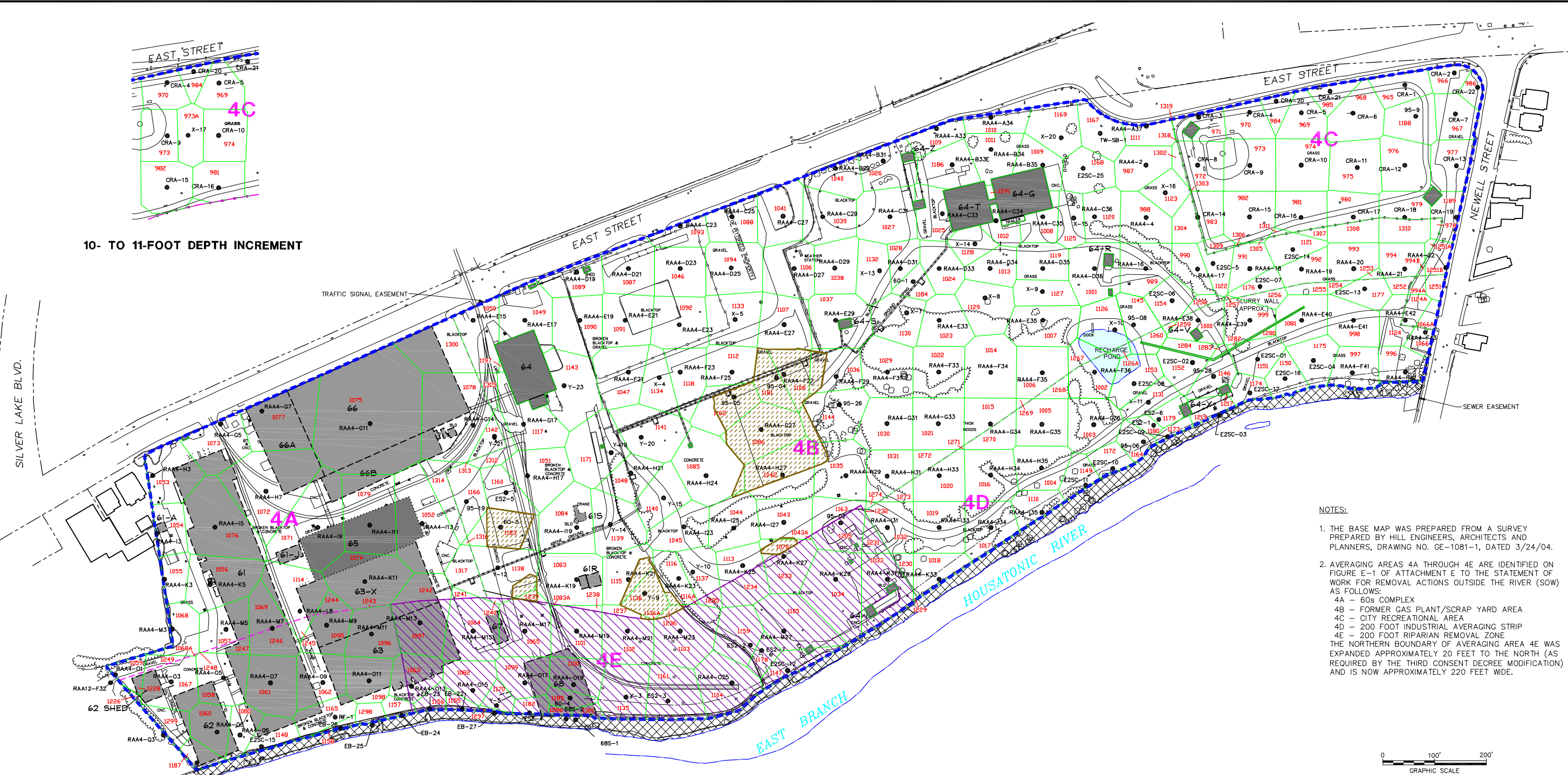




CITY: SVR DIV/PROJECT: 141 DB: DMW LD: DMW PM: C. AVERILL TM: (Or) LVR: (Or) ON: "OFF=REF" G:\GEN\ENVCAD\SYRACUSE\ACT\T\B00101110000000005\DWG3\2ND ADD\10111G16.DWG LAYOUT: C-10 SAVED: 4/20/2009 7:56 PM ACADVER: 17.05 (LMS TECH) PAGES: 17.05 (LMS TECH) PLOTSETUP: --- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 4/20/2009 8:01 PM BY: WODARCZYK, DAVID



10- TO 11-FOOT DEPTH INCREMENT



- NOTES:
1. THE BASE MAP WAS PREPARED FROM A SURVEY PREPARED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. GE-1081-1, DATED 3/24/04.
  2. AVERAGING AREAS 4A THROUGH 4E ARE IDENTIFIED ON FIGURE E-1 OF ATTACHMENT E TO THE STATEMENT OF WORK FOR REMOVAL ACTIONS OUTSIDE THE RIVER (SOW) AS FOLLOWS:  
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LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- APPROXIMATE LIMITS OF RD/RA AVERAGING AREAS
- PROPERTY LINE
- EASEMENT LINE
- EDGE OF WATER
- STONE WALL
- CHAIN LINK FENCE
- RETAINING WALL
- RAILROAD TRACKS
- TREELINE
- SHRUB
- UTILITY POLE
- HYDRANT
- STEEL VAULT
- ELECTRIC TRANSFORMER
- LIGHT
- CATCH BASIN
- BOLLARD
- BUILDING
- DEMOLISHED BUILDING
- BUILDING SUBJECT TO FUTURE DEMOLITION
- AREA ADDRESSED AS PART OF BUILDING 68 REMOVAL ACTION OR 1/2-MILE REACH REMOVAL ACTION
- VEGETATIVE ENGINEERED BARRIER
- ENHANCED PAVEMENT
- SOIL BORING LOCATION (1- FOOT OR GREATER SAMPLE DEPTH)
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THIESSEN POLYGON APPROACH.
- POLYGON ID

GENERAL ELECTRIC COMPANY  
 PITTSFIELD, MASSACHUSETTS  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA  
 WORK PLAN FOR EAST STREET AREA 2-SOUTH**

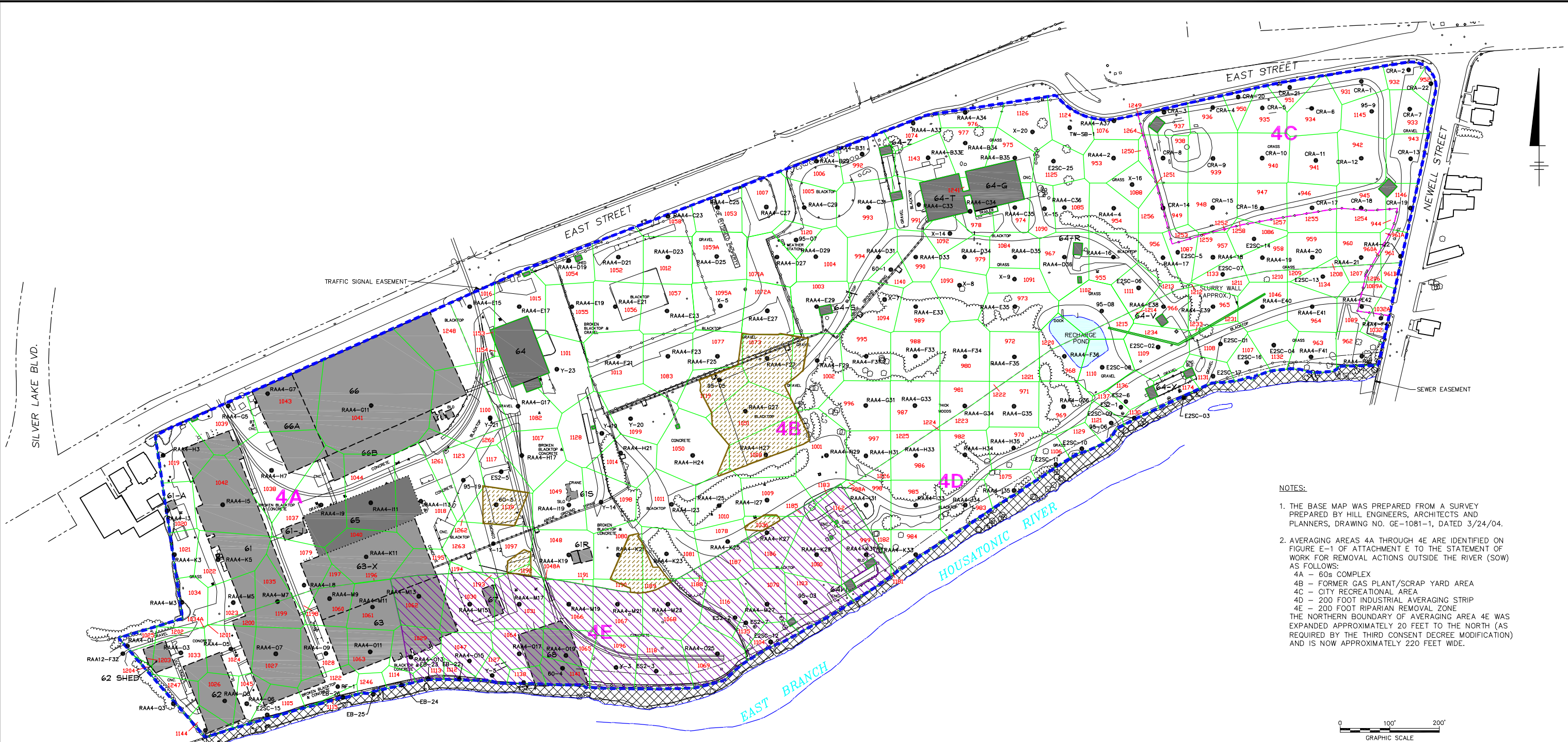
**THIESSEN POLYGON MAP  
 10- TO 12-FOOT DEPTH INCREMENT**



FIGURE  
**C-10**



CITY: SYR DIV/GROUP: 141 DB: DMW LD: DMW PM: C.AVERILL TM: (Or) LVR: (Or) ON: "OFF=REF" G:\GEN\ENVCAD\SYR\FACUSEACT\101110000000005\DWG3\2ND ADD\10111G17.DWG LAYOUT: C-11 SAVED: 4/20/2009 7:57 PM ACADVER: 17.05 (LMS TECH) PAGES: 17.05 (LMS TECH) PLOTSETUP: --- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 4/20/2009 8:00 PM BY: WODARCZYK, DAVID



NOTES:

1. THE BASE MAP WAS PREPARED FROM A SURVEY PREPARED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. GE-1081-1, DATED 3/24/04.
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 4E - 200 FOOT RIPARIAN REMOVAL ZONE  
 THE NORTHERN BOUNDARY OF AVERAGING AREA 4E WAS EXPANDED APPROXIMATELY 20 FEET TO THE NORTH (AS REQUIRED BY THE THIRD CONSENT DECREE MODIFICATION) AND IS NOW APPROXIMATELY 220 FEET WIDE.

LEGEND

- |  |   |  |   |  |  |
|--|---|--|---|--|--|
|  | APPROXIMATE REMOVAL ACTION AREA BOUNDARY    |  | STEEL VAULT   |  | SOIL BORING LOCATION (1- FOOT OR GREATER SAMPLE DEPTH)   |
|  | APPROXIMATE LIMITS OF RD/RA AVERAGING AREAS |  | ELECTRIC TRANSFORMER  |  | HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THIESSEN POLYGON APPROACH. |
|  | PROPERTY LINE                               |  | LIGHT   |  | POLYGON ID   |
|  | EASEMENT LINE                               |  | CATCH BASIN   |  |  |
|  | EDGE OF WATER                               |  | BOLLARD   |  |  |
|  | STONE WALL                                  |  | BUILDING  |  |  |
|  | CHAIN LINK FENCE                            |  | DEMOLISHED BUILDING   |  |  |
|  | RETAINING WALL                              |  | BUILDING SUBJECT TO FUTURE DEMOLITION   |  |  |
|  | RAILROAD TRACKS                             |  | AREA ADDRESSED AS PART OF BUILDING 68 REMOVAL ACTION OR 1/2-MILE REACH REMOVAL ACTION |  |  |
|  | TREELINE                                    |  | VEGETATIVE ENGINEERED BARRIER   |  |  |
|  | SHRUB                                       |  | ENHANCED PAVEMENT   |  |  |
|  | UTILITY POLE                                |  |   |  |  |
|  | HYDRANT                                     |  |   |  |  |

GENERAL ELECTRIC COMPANY  
 PITTSFIELD, MASSACHUSETTS  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA  
 WORK PLAN FOR EAST STREET AREA 2-SOUTH**

**THIESSEN POLYGON MAP  
 12- TO 14-FOOT DEPTH INCREMENT**



FIGURE  
**C-11**







**Attachment D**

Flood Storage Assessment for  
Remediation and Demolition  
Activities within the 100-Year  
Floodplain for the Stretch of the  
Housatonic River Between the  
Newell Street and Elm Street  
Bridges

# Attachment D

## **Flood Storage Assessment for Remediation and Demolition Activities within the 100-Year Floodplain for the Stretch of the Housatonic River Between the Newell Street and Elm Street Bridges**

This attachment was prepared to document impacts to the flood storage capacity of the Housatonic River floodplain resulting from various remediation activities and building/structure demolition projects performed by the General Electric Company (GE) or the U.S. Environmental Protection Agency (EPA) within the 100-year floodplain in the stretch of the Housatonic River located between the Newell Street and Elm Street Bridges. Over the last few years, GE and EPA have engaged in numerous discussions regarding the development of this Flood Storage Assessment. Based on those discussions, in accordance with agreements with, directives from, or communications with EPA, the following procedures were used in this Flood Storage Assessment:

- This assessment includes certain remediation actions and building/structure demolition activities performed prior to the execution of the October 2000 Consent Decree (CD) for the GE-Pittsfield/Housatonic River Site – namely, the Building 68 Area Removal Action and the demolition of the Thermal Oxidizer and associated facilities.
- This assessment includes both an overall calculation as well as incremental (i.e., foot-by-foot) calculations demonstrating the impact of the remediation/demolition activities on the flood storage capacity of the 100-year floodplain for the evaluated stretch of the Housatonic River.
- With the exception of gains/losses located below the mean water surface elevation for the 1½-Mile Reach of the Housatonic River, gains/losses resulting from EPA's remediation work within the stretch of river between the Lyman Street and Elm Street bridges were included in this assessment.
- With the exception of the Newell Street Area I Removal Action, elements of the Upper ½-Mile Reach Removal Action, and the anticipated remediation at the East Street Area 2-South Removal Action Area (RAA), the calculations provided in this assessment were based upon as-built conditions. The calculations for Newell Street Area I were based upon design work plans since the remediation actions at that RAA were implemented as designed. For the Upper ½-Mile Reach, while the calculations for the river channel and riverbank remediation were based on as-built conditions, the calculations for the riverbank restoration activities were based on conservative field observations made during a 2006 erosion inspection. For East Street Area 2-South, the calculations were based upon preliminary design work, since remediation actions have yet to be performed at this RAA.

- EPA has determined that flood storage compensation is required to offset any net loss in flood storage capacity calculated for an individual elevation increment. In performing the incremental calculations of the necessary flood storage compensation, net gains in flood storage capacity at lower elevation increments were used to offset net losses at higher elevation increments. EPA has approved this approach provided that GE submits for EPA approval a modeling analysis that demonstrates that the remediation/demolition activities will cause no significant increase in water surface elevations and the areal extent of flooding between Newell Street and Lyman Street for river flows up to and including a 100-year storm event. GE is including such a modeling analysis as an exhibit to this Flood Storage Assessment.
- After completion of the remediation actions at East Street Area 2-South, GE will revise this assessment, and if necessary any modeling and associated analysis, to demonstrate that the floodplain Applicable or Relevant and Appropriate Requirements (ARARs) are still met.

Based on the above-listed procedures and in accordance with Condition #3 of EPA's April 11, 2008 approval letter for GE's *Addendum to Conceptual Removal Design/Removal Action Work Plan* (Conceptual Work Plan Addendum), this Flood Storage Assessment provides: (1) incremental calculations of flood storage gains and/or losses for all remediation and building/structure demolition activities (remediation/demolition activities) that have been or will be conducted by GE or EPA within the 100-year floodplain along the evaluated stretch of Housatonic River; (2) an hydraulic modeling analysis showing that these remediation/demolition activities will not result in a significant increase in water surface elevations and the areal extent of flooding between Newell Street and Lyman Street for river flows up to and including a 100-year storm event; and (3) a description of how GE intends to offset any calculated net loss in flood storage capacity at any depth increment resulting from such activities.

The remainder of this document is organized into the following four sections:

- **Specific Impacts to Flood Storage Capacity**, provides project-specific summaries of the calculations performed by GE to determine the incremental gains and/or losses in flood storage capacity associated with each remediation/demolition project.
- **Hydraulic Modeling and Analysis**, provides the results of the hydraulic modeling analysis required by EPA to demonstrate that the remediation/demolition activities will not result in a significant increase in water surface elevation and areal extent of flooding between Newell Street and Lyman Street for river flows up to and including the 100-year storm event, thereby allowing the use of calculated flood storage gains in lower elevation increments to offset flood storage losses in higher elevation increments.
- **Summary of Impacts to Flood Storage Capacity**, provides a summary of the overall net change in flood storage capacity for the floodplain stretch between the Newell and Elm Street bridges resulting from the remediation/demolition activities, as well as the overall net gains and losses for each one-foot elevation increment.

- **Flood Storage Compensation**, provides a conceptual-level description of how GE intends to obtain the necessary volume of compensatory flood storage at the relevant elevations to offset net losses resulting from the remediation/demolition activities in the evaluated stretch of the Housatonic River.

## **A. SPECIFIC IMPACTS TO FLOOD STORAGE CAPACITY**

This section of the Flood Storage Assessment provides project-specific summaries of the incremental calculations performed by GE to determine the incremental gains and/or losses in flood storage capacity associated with the performance or, for certain projects, ongoing/future performance of remediation/demolition activities within the 100-year floodplain between Newell and Elm Street bridges. The impacts to flood storage capacity resulting from the following ten projects are included in this assessment:

- Thermal Oxidizer and Associated Facilities Demolition;
- Building 68 Area Removal Action;
- City Recreational Area Remediation;
- 60s Complex Building Demolition;
- Upper ½-Mile Reach Removal Action;
- Newell Street Area I Removal Action;
- Newell Street Area II Removal Action;
- Lyman Street Area Removal Action;
- Portion of 1½-Mile Reach Removal Action between Lyman and Elm Streets; and
- East Street Area 2-South Removal Action.

The remediation/demolition activities associated with each of these projects generally included earthwork (e.g., excavation/backfilling, soil grading, etc.), engineered barrier installation, and/or building/structure demolition. The general locations where such activities were performed for each of the above-listed projects are illustrated on Figure D-1. Figure D-1 also depicts the approximate limits of the 100-year floodplain in relation to these projects. The 100-year floodplain boundary is based on Flood Insurance Rate Maps (FIRMs) and elevations published by the Federal Emergency Management Agency (FEMA) on February 19, 1982 and January 16, 1987 for the City of Pittsfield and surrounding areas. Table D-1 presents a summary of the overall impacts of these projects on the flood storage capacity for the evaluated stretch of the Housatonic River, while the incremental flood storage capacity gains and losses calculated for each of the above-listed projects are summarized in Table D-2.

Each of the following project-specific summaries includes a description of: the remediation/demolition activities performed; any project-specific assumptions used in the flood storage calculations; the methodology(ies) employed to develop the calculations; differences from the flood storage calculations provided by GE in previous design submittals (where applicable); and the source(s) of the reference material(s) (e.g., reports, figures, as-built drawings, etc.) used to develop the flood storage calculations provided herein. For each project, an approximate 100-year floodplain elevation was determined based on a review of the FIRMs and the topography within each project area. In support of these detailed calculations, GE has prepared numerous tables, figures, and supporting documentation (e.g., figures, as-built survey drawings, etc.) that are provided in project-specific exhibits to this Attachment.

## **1. Thermal Oxidizer and Associated Facilities Demolition**

The incremental flood storage calculations associated with the demolition of each building/structure comprising the Thermal Oxidizer (i.e., the Control Room, Temporary Drum Storage Area, pH Control Building, Bag Burner, and the concrete berm associated with the Tank Storage Facility) are presented in Exhibit I.

### Activities Performed:

Building/Structure Demolition

### Assumptions:

- The 100-year floodplain elevation in this area is 990.5 feet.
- Calculations assume that floor slabs were left in place and no other site work has been conducted which would result in changes to flood storage capacity.
- Refer to the notes on the table in Exhibit I.

### Methodology:

For each building/structure associated with the Thermal Oxidizer, incremental flood storage volumes were calculated starting at the at-grade slab elevation and extending up to the assumed 100-year floodplain elevation of 990.5 feet (or up to an elevation of 984.17 in the case of the concrete berm associated with the Tank Storage Facility). For each one-foot elevation increment, a flood storage volume was calculated by multiplying the building/structure footprint by the portion of the building/structure within that elevation increment. For example, if a given building had an at-grade slab elevation of 981.5 feet, the lowest elevation increment affected by the demolition of that building would be elevation increment 981 to 982 feet. Within that elevation increment, only 0.5 feet of storage (i.e., the difference between the top of the elevation increment and the at-grade slab elevation) would be gained by the demolition of the building. As such, assuming a building footprint of 3,120 square feet (ft<sup>2</sup>), the flood storage volume for elevation increment 981 to 982 feet would be approximately 58 cubic yards (cy). For each elevation increment above 981 to 982 feet, a full one foot of storage would be gained by the

demolition of the building (resulting in a flood storage gain of approximately 116 cy per elevation increment). The above process was repeated for each elevation increment up to elevation increment 990 to 991 feet. For elevation increment 990 to 991 feet, only 0.5 feet of storage (i.e., the difference between the assumed 100-year floodplain elevation [990.5 feet] and the bottom of the elevation increment) would be gained by the demolition of the building (resulting in a flood storage gain of approximately 58 cy).

#### Differences from Calculations Presented in Design Documents:

Not applicable.

#### References:

- *Thermal Oxidizer and Related Facilities Closure Plan* (Blasland, Bouck & Lee, Inc. [BBL], Revised September 1995).
- *Thermal Oxidizer and Related Facilities Closure Documentation Report* (BBL, December 1996).

## **2. Building 68 Area Removal Action**

The incremental flood storage calculations associated with the river channel/riverbank remediation activities conducted at the Building 68 Area Removal Action are presented in Exhibit II.

#### Activities Performed:

River channel/riverbank remediation

#### Assumptions:

- The 100-year floodplain elevation in this area is 990.5 feet.
- Refer to the notes on the table in Exhibit II.

#### Methodology:

Flood storage calculations for the Building 68 Area Removal Action were performed using Terramodel™ (Version 10.52) terrain modeling software. Using pre- and as-built post-remediation topography, Terramodel™ generated digital terrain models (DTMs) comprised of three-dimensional surfaces for both conditions. The evaluated elevation range was then determined by the lowest elevation impacted by the remediation activities (lower bound) and the assumed 100-year floodplain elevation (upper bound). Once the elevation range was determined, Terramodel™ calculated incremental flood storage volumes under pre- and post-remediation conditions. The change in flood storage capacity (either gain or loss) within a given elevation increment was then calculated by subtracting the pre-remediation incremental volume



from the post-remediation incremental volume. For example, if the pre-remediation incremental volume for elevation increment 983 to 984 feet equaled 650 cy and the post-remediation incremental volume for that same elevation increment equaled 1,000 cy, the resulting change in flood storage capacity within elevation increment 983 to 984 feet would be a gain of 350 cy. This process was repeated for each elevation increment within the elevation range.

Differences from Calculations Presented in Design Documents:

Not applicable.

References:

- *Completion of Work Report for Building 68 Removal Action* (BBL, February 2000).
- Post-remediation (as-built) topographic surfaces were surveyed by Hill Engineers, Architects & Planners.

### **3. City Recreational Area Remediation**

The incremental flood storage calculations associated with the remediation actions conducted at the City Recreational Area are presented in Exhibit III.

Activities Performed:

Soil cover installation, soil grading, and access road installation

Assumptions:

- The 100-year floodplain elevation in this area is 991.6 feet.
- Refer to the notes on the table in Exhibit III.

Methodology:

Flood storage calculations for the soil cover, soil grading, and access road installation activities were performed using Terramodel™ terrain modeling software as described above for the Building 68 Area Removal Action (Section 2).

Differences from Calculations Presented in Design Documents:

The *Removal Design/Removal Action Work Plan Addendum for the Future City Recreational Area* presented preliminary flood storage calculations based on the anticipated post-remediation topography within the City Recreational Area. Within the access road area, it was anticipated that post-remediation topography would generally match pre-remediation topography (thereby resulting in no change to existing flood storage capacity). Within the ballfield area, the preliminary calculations recognized that the placement of the soil cover in areas along the

southern edge of the ballfield (that were located within the 100-year floodplain) would result in a reduction in existing flood storage capacity in this area. Accordingly, the above-referenced document noted a total loss in flood storage capacity of approximately 245 cy due to the proposed response actions within the ballfield area.

The *Final Completion Report for the City Recreational Area* presented revised flood storage calculations based on actual (as-built) post-remediation conditions. As indicated in that document, the response actions conducted at the City Recreational Area resulted in a net loss in flood storage capacity of approximately 272 cy. The difference between the preliminary and as-built calculations is attributed primarily to the fact that the as-built contours along the southern edge of the soil cover were slightly different than the proposed contours presented in the design drawings (i.e., the elevation 992 contour is slightly more pronounced on the as-built survey than on the design drawings). In addition, although the access road was constructed in a manner designed to avoid impacts to flood storage capacity (i.e., by excavating one foot of material within the limits of the proposed access road and placing access road materials to restore pre-construction grades), a small net loss in flood storage capacity (of approximately 10 cy) resulting from the construction of the access road was calculated based on as-built conditions.

#### References:

- *Removal Design/Removal Action Work Plan Addendum for the Future City Recreational Area* (BBL, April 2003).
- *Final Completion Report for the City Recreational Area* (ARCADIS, July 2008).

#### **4. 60s Complex Building Demolition (Completed and Ongoing/Future Building Demolition)**

The incremental flood storage calculations associated with completed demolition activities (for Buildings 61, 61A, 61J, 61R, 61S, 62, 64Y, 66, 66A, 66B, and 67) and ongoing/future demolition activities (for Buildings 63, 63X, and 65) within the 60s Complex are presented in Exhibit IV.

#### Activities Performed:

##### Building Demolition

#### Assumptions:

- The 100-year floodplain elevation in this area is 990.5 feet, except for Building 64Y where an elevation of 991.6 was used in the calculations.
- Unless otherwise noted, calculations assume that floor slabs were/will be left in place and that no other site work has been conducted which would result in changes to flood storage capacity.

- Refer to the notes on the tables in Exhibit IV.

Methodology:

For each building subject to demolition within the 60s Complex, incremental flood storage volumes were calculated using the same methodology as previously specified for the Thermal Oxidizer (Section 1). These calculations incorporate the placement or assumed future placement of four inches of soil over the building slabs of Buildings 65, 66, 66A, and 66B and the portions of Buildings 61, 63, and 63X outside of the 220-foot-wide Riparian Removal Zone (RRZ) after demolition.

Differences from Calculations Presented in Design Documents:

Not applicable.

References:

- Building footprints and at-grade slab elevations were surveyed by White Engineering, Inc.

## **5. Upper ½-Mile Reach Removal Action**

The incremental flood storage calculations associated with the river channel/riverbank remediation and riverbank restoration within the Upper ½-Mile Reach of Housatonic River are presented in Exhibit V.

Activities Performed:

River channel/riverbank remediation and riverbank restoration

Assumptions:

- The 100-year floodplain elevation in this area is 990.5 feet.
- Refer to the notes on the table in Exhibit V.

Methodology:

River Channel/Riverbank Remediation – Flood storage calculations for the river channel/riverbank remediation activities within the Upper ½-Mile Reach of Housatonic River were performed using Terramodel™ terrain modeling software as described above for the Building 68 Area Removal Action (Section 2).

Riverbank Restoration – Flood storage calculations for the riverbank restoration within the Upper ½-Mile Reach of Housatonic River were taken from Table 2 (2006 Removal Action Flood Storage Compensation Summary) of the *2006 Bank Erosion Inspection Report (Revised) for the Upper ½-Mile Reach Removal Action* (letter from GE to EPA dated April 6, 2007) and are based on conservative field observations made during the 2006 erosion inspection. Refer to Exhibit V for additional information.

Differences from Calculations Presented in Design Documents:

Not applicable.

References:

- *Removal Action Work Plan – Upper ½ Mile Reach of Housatonic River* (BBL, August 1999).
- *2006 Bank Erosion Inspection Report (Revised) for the Upper ½-Mile Reach Removal Action* (letter report from GE to EPA dated April 6, 2007).
- Post-remediation (as-built) topographic surfaces for the Upper ½-Mile Reach Removal Action were surveyed by SK Design Group, Inc.

**6. Newell Street Area I Removal Action**

The incremental flood storage calculations associated with the remediation/demolition activities conducted at Newell Street Area I are presented in Exhibit VI.

Activities Performed:

Building demolition, soil grading, bocce court installation, and engineered barrier installation

Assumptions:

- The 100-year floodplain elevation in this area is 990.5 feet.
- Refer to the notes on the table in Exhibit VI.

Methodology:

As previously agreed to by GE and EPA, the calculation presented in GE's *Final RD/RA Work Plan for Newell Street Area I* were utilized in this Flood Storage Assessment based on GE's certification in the *Final Completion Report for the Newell Street Area I Removal Action* that the remediation actions were performed in accordance with this design document. Additional details regarding those calculations are provided below.

Building Demolition – For the two buildings demolished in conjunction with the Newell Street Area I Removal Action (located on Parcels J9-23-16 and J9-23-23), incremental flood storage volumes were calculated as previously specified for the Thermal Oxidizer (Section 1).

Soil Grading – The incremental flood storage volume resulting from the soil grading conducted at Parcel J9-23-23 (to the east of the engineered barrier) was calculated by multiplying the footprint of the area subject to soil grading (2,229 ft<sup>2</sup>) by the difference between the estimated pre- (985 feet) and post-construction (984.5 feet) elevation within this area.

Bocce Court Installation – The incremental flood storage volume resulting from the installation of the bocce courts at Parcel J9-23-17 was calculated by subtracting the total cut (47.5 cy) and total fill (128.5 cy) volumes provided by White Engineering, Inc. This overall volume was then applied to the impacted elevation increment (986 to 987 feet).

Engineered Barrier Installation – The incremental flood storage volumes resulting from the installation of the above-grade engineered barrier at Parcel J9-23-23 were calculated by first multiplying the footprint of the engineered barrier (8,720 ft<sup>2</sup>) by the thickness of the engineered barrier (one foot). This overall volume was then proportionally distributed across the impacted elevations (983 to 988 feet) based on the percentage of the barrier within each elevation increment.

#### Differences from Calculations Presented in Design Documents:

The difference between the calculated flood storage volume presented in the *Final RD/RA Work Plan for Newell Street Area I* and the volume presented in the *Final Completion Report for the Newell Street Area I Removal Action* is attributed to the inclusion of flood storage gains (approximately 480 cy) resulting from the removal of soil piles at Parcels J9-23-19 and J9-23-20 in the calculations presented in the *Final RD/RA Work Plan for Newell Street Area I*.

#### References:

- *Final RD/RA Work Plan for Newell Street Area I* (BBL, August 2003).
- *Final Completion Report for the Newell Street Area I Removal Action* (ARCADIS, July 2008).

## **7. Newell Street Area II Removal Action**

The incremental flood storage calculations associated with the remediation activities conducted at Newell Street Area II are presented in Exhibit VII.

#### Activities Performed:

Engineered barrier installation and soil grading

### Assumptions:

- The 100-year floodplain elevation in this area is 990.5 feet.
- Refer to the notes on the table in Exhibit VII.

### Methodology:

Flood storage calculations for Newell Street Area II were performed using Terramodel™ terrain modeling software as previously described for the Building 68 Area Removal Action (Section 2).

### Differences from Calculations Presented in Design Documents:

The *Final Removal Design/Removal Action Work Plan for Newell Street Area II* presented preliminary flood storage calculations (developed using Terramodel™) based on the anticipated post-construction topography (resulting from the engineered barrier installation and soil grading activities) within Newell Street Area II. As indicated in that document, the proposed response actions were anticipated to result in a net loss in flood storage capacity of approximately 6,270 cy. Since that time, the flood storage calculations were revised to incorporate actual (as-built) post-construction conditions. Based on those conditions, the response actions conducted at Newell Street Area II resulted in a net loss in flood storage capacity of approximately 5,495 cy. The difference between the preliminary and as-built calculations is primarily due to additional soil grading (beyond that specified in the *Final Removal Design/Removal Action Work Plan for Newell Street Area II*) associated with the drainage swale within Parcel J9-23-8 and the City of Pittsfield property.

### References:

- *Final Removal Design/Removal Action Work Plan for Newell Street Area II* (BBL, March 2005).
- Post-construction (as-built) topographic surfaces were surveyed by Hill Engineers, Architects & Planners.

## **8. Lyman Street Area Removal Action**

The incremental flood storage calculations associated with the remediation activities conducted at the Lyman Street Area are presented in Exhibit VIII.

### Activities Performed:

Engineered barrier installation and soil grading



### Assumptions:

- The 100-year floodplain elevation in this area is 990.5 feet.
- Refer to the notes on the table in Exhibit VIII.

### Methodology:

Flood storage calculations for the Lyman Street Area were performed using Terramodel™ terrain modeling software as previously described for the Building 68 Area Removal Action (Section 2).

### Differences from Calculations Presented in Design Documents:

The *Final Removal Design/Removal Action Work Plan for Lyman Street Area* presented preliminary flood storage calculations (developed using Terramodel™) based on the anticipated post-construction topography (resulting from the engineered barrier installation and soil grading activities) within the Lyman Street Area. As indicated in that document, the proposed response actions were anticipated to result in a net loss in flood storage capacity of approximately 11,200 cy. Since that time, the flood storage calculations were revised to incorporate actual (as-built) post-construction conditions. Based on those conditions, the response actions conducted at the Lyman Street Area resulted in a net loss in flood storage capacity of approximately 11,880 cy. The difference between the preliminary and as-built calculations is primarily due to additional soil grading (beyond that specified in the *Final Removal Design/Removal Action Work Plan for Lyman Street Area*) within the northern and western portions of Parcel I9-8-1 some of which was conducted to facilitate the extension of the engineered barrier to Lyman Street.

### References:

- *Final Removal Design/Removal Action Work Plan for Lyman Street Area* (BBL, September 2005).
- Post-construction (as-built) topographic surfaces were surveyed by SK Design Group, Inc.

## **9. Portion of 1½-Mile Reach Removal Action (Lyman Street to Elm Street)**

The incremental flood storage calculations for the portion of the 1½-Mile Reach of Housatonic River between the Lyman Street and Elm Street bridges are presented in Exhibit IX.

### Activities Performed:

River channel/riverbank remediation, soil grading, and installation of aquatic enhancement structures

### Assumptions:

- The 100-year floodplain elevation in this area is 989.5 feet.
- Refer to the notes on the table in Exhibit IX.

### Methodology:

Flood storage calculations for this portion of the 1½-Mile Reach of Housatonic River were performed using Terramodel™ terrain modeling software as previously described for the Building 68 Area Removal Action (Section 2). Once complete, these calculations were supplemented by certain incremental flood storage volumes calculated by EPA and provided to GE for inclusion in this assessment. As directed by EPA, these calculations did not include gains and losses located below the mean water surface elevation of the Housatonic River.

### Differences from Calculations Presented in Design Documents:

Not applicable.

### References:

- Pre-construction and post-construction topographic surfaces used to develop the flood storage calculations for this area were provided by EPA. In addition, certain incremental flood storage volumes presented on the table in Exhibit IX were calculated and provided by EPA.

## **10. East Street Area 2-South Removal Action**

The preliminary incremental flood storage calculations associated with the future remediation actions to be conducted at East Street Area 2-South are presented in Exhibit X.

### Activities to be Performed:

Installation of enhanced pavement

### Assumptions:

- The 100-year floodplain elevation in this area is 990.5 feet.
- Existing pavement in areas subject to the installation of enhanced pavement is a minimum of one inch thick.
- Enhanced pavement is comprised of one inch of existing pavement and three inches of new pavement (for a total pavement thickness of four inches).
- Refer to the notes on the table in Exhibit X.

### Methodology:

Incremental flood storage volumes were calculated by determining the range of affected elevations within the areas subject to the installation of enhanced pavement through a review of existing site topography. Once an elevation range was determined, incremental flood storage volumes were calculated by multiplying the area of enhanced pavement within each elevation increment by the assumed thickness of new pavement (refer to Assumption No. 3 above).

### Differences from Calculations Presented in Design Documents:

The calculations presented in Exhibit X are preliminary and reflect the proposed limits of enhanced pavement shown in the *Second Addendum to Conceptual Removal Design/Removal Action Work Plan* (Second Addendum), of which this Attachment is a part. It should be noted that these calculations will be revised in the future based on: (a) the scope of remediation to be presented in the forthcoming Final Removal Design/Removal Action (RD/RA) Work Plan for East Street Area 2-South; and (b) final (as-built) conditions.

### References:

- *Second Addendum to Conceptual Removal Design/Removal Action Work Plan* (dated April 21, 2009).

## **B. HYDRAULIC MODELING AND ANALYSIS**

In accordance with Condition #3 of EPA's April 11, 2008 approval letter for GE's Conceptual Work Plan Addendum, GE's modeling consultants at Anchor QEA have prepared an *Hydraulic Modeling Analysis of Flood Conditions in the ½-Mile Reach of Housatonic River*, a copy of which is provided as Exhibit XI. This document presents the EPA-required analysis of the impact of the above-described remediation/demolition activities conducted within the 100-year floodplain between Newell and Elm Streets on the stretch of the floodplain between Newell Street and Lyman Street. As documented therein, the results of the modeling analysis demonstrate that these remediation/demolition activities would result in a general reduction in both the elevation and areal extent of flooding associated with each of the evaluated flood events (i.e., those flood events with return periods of 0.5, 1, 1.5, 2, 5, 10, 17, 30, 50, and 100 years). Therefore, in accordance with the conditions in EPA's April 11, 2008 letter, the use of net gains in flood storage capacity within lower elevation increments resulting from the remediation/demolition activities documented herein have been used in this Flood Storage Assessment to offset net losses in flood storage capacity in higher elevation increments, as documented in Table D-2 and further described in the following section.

### **C. SUMMARY OF IMPACTS TO FLOOD STORAGE CAPACITY**

The incremental flood storage capacity calculations (described in Part A) and hydraulic modeling analysis (described in Part B) demonstrate that the remediation/demolition activities performed to date combined with the future remediation/demolition activities considered in this analysis will result in an overall increase in flood storage capacity for the evaluated stretch of Housatonic River. Specifically, the calculations presented herein show that the project-specific remediation/demolition activities evaluated as part of this assessment will result in an overall net gain in flood storage capacity of approximately 24,820 cy within the 100-year floodplain along the evaluated stretch of the Housatonic River, as shown in Table D-1. However, those calculations also show a net loss in flood storage capacity of approximately 1,030 cy below elevation 985 feet (after incorporating gains/losses in flood storage capacity at lower elevations), as indicated in Table D-2. In that case, under EPA's directives, GE would be required to provide an offsetting gain in flood storage capacity of approximately 1,030 cy below elevation 985 feet. The offsetting gain in flood storage capacity can be at any elevation at or below the 984 to 985 foot elevation increment because the net flood storage gain below elevation 983 feet exceeds the net flood storage loss within the 983 to 984 foot elevation increment.

### **D. FLOOD STORAGE COMPENSATION**

The net loss in flood storage capacity of 1,030 cy below elevation 985 feet will be offset through future remediation actions performed by GE within East Street Area 2-South. Specifically, GE intends to generate an offsetting gain in flood storage capacity of 1,030 cy below elevation 985 feet within Averaging Area 4E, the RRZ. In general, this volume of compensatory flood storage would be generated under one of three scenarios: (1) limited additional excavation of the portion of the RRZ subject to installation of an engineered barrier; (2) limited additional excavation of the portion of the RRZ not subject to installation of an engineered barrier; or (3) a combination of scenarios one and two. As indicated in the Conceptual RD/RA Work Plan for East Street Area 2-South, the RRZ is approximately 7.3 acres (or approximately 318,500 ft<sup>2</sup>) in size, measuring approximately 1,450 feet in length and approximately 220 feet in width. As also indicated therein, GE is proposing to remove the top foot of material and to install a vegetative engineered barrier over approximately 4.8 acres (or approximately 220,000 ft<sup>2</sup>) of the RRZ. Additional information regarding the activities that would be required under each of the first two scenarios is provided below. (No specific details are provided for the third scenario since such a scenario would be a combination of the first two scenarios.)

A review of the topographic survey information for East Street Area 2-South indicates that at least 90% of the RRZ subject to placement of the vegetative engineered barrier is at elevation 985 feet or lower (only the area along the northern boundary of the RRZ in the vicinity of former Building 67, a small portion of the paved area at the east end of the 60s Complex, and a small area to the east of Building 68 are at elevation 985 feet or higher). This is shown on Figure D-2. Removal of an additional three inches of material across the portion of the RRZ subject to installation of the vegetative engineered barrier (beyond the removal of the top foot of material in this area, as required by the *Scope of Work for Removal Actions Outside the River* [SOW])

would result in the generation of over 2,000 cy of compensatory flood storage volume, 90% of which would be at elevation 985 feet or lower. Such a limited amount of additional excavation might not be necessary explicitly for the purpose of providing compensatory flood storage, since the future design and installation of the vegetative engineered barrier might result in the need for additional excavation to ensure that the barrier components function correctly (i.e., to facilitate drainage of surface water and drainage of the liner components). Under such a scenario, the incremental flood storage calculations presented herein would be updated following completion of the design activities for the vegetative engineered barrier. Any calculated incremental gains in flood storage capacity associated with design of the vegetative engineered barrier would then be combined with proposed additional excavation, if necessary, to provide the necessary compensatory flood storage volume.

Under this scenario, it is likely that any soil removal beyond that associated with the installation of the vegetative engineered barrier would be treated as containing polychlorinated biphenyls (PCBs) at concentrations greater than 50 parts per million (ppm), requiring that such soil be handled and disposed off-site as material subject to regulation under the Toxic Substances Control Act (TSCA). As a result, GE might elect to generate any required flood storage compensation outside the portion of the RRZ subject to placement of the vegetative engineered barrier, as discussed below.

As previously indicated, the SOW requires the removal and replacement of the top foot of material across the entire RRZ. The portion of the RRZ that is not subject to placement of a vegetative engineered barrier measures approximately 2.5 acres (or approximately 108,000 ft<sup>2</sup>). A review of the topographic survey information for this area indicates that this portion of the RRZ is almost entirely below elevation 985 feet, with the exception of the northwest corner of this RRZ in the vicinity of the former Building 62 shed (see Figure D-2). Excavation of a total of 18 inches of soil across this portion of the RRZ (i.e., an additional six inches of material beyond the removal of the top foot of material required by the SOW) and restoration of 12 inches of clean backfill material (followed by the necessary natural resource restoration/enhancement activities), would result in the generation of approximately 2,000 cy of compensatory flood storage capacity – almost all of which would be below elevation 985 feet.

In summary, a sufficient volume of compensatory flood storage can be generated under either of the above-described scenarios (or a combination of them), with the need for minimal additional excavation/restoration beyond what will be required to achieve the Performance Standards specified in the SOW. Further, it should be noted that the necessary compensatory flood storage volume can be achieved within East Street Area 2-South without the use of future gains in flood storage capacity resulting from the demolition of Building 65 (which total approximately 3,680 cy above elevation 985 feet, as indicated on Table IV-B in Exhibit IV), thus indicating that the demolition of that building is not necessary to obtain the requisite flood storage compensation.

Once the vegetative engineered barrier is designed, GE will determine if additional excavation is required (beyond that necessary to construct the barrier) to provide an appropriate volume of compensatory flood storage capacity. Specific design details documenting the impacts of the final removal design on this Flood Storage Assessment and demonstrating that the appropriate

volume of compensatory flood storage capacity will be generated by the proposed removal actions will be provided in the forthcoming Final RD/RA Work Plan for East Street Area 2-South. Upon completion of the subsequent removal actions, GE will provide a final update to this Flood Storage Assessment incorporating as-built conditions resulting from the completion of the 60s Complex Building Demolition activities and the East Street Area 2-South Removal Action and documenting that sufficient compensatory flood storage capacity was provided as part of the latter Removal Action.



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**Tables**

**TABLE D-1  
OVERALL CHANGES TO EXISTING FLOOD STORAGE CAPACITY <sup>1</sup>**

**FLOOD STORAGE ASSESSMENT  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

Remediation/Demolition Project	Status	Estimated Flood Storage Gains		Estimated Flood Storage Losses		Estimated Net Flood Storage Change (cy)
		Activity Performed	Volume (cy)	Activity Performed	Volume (cy)	
Thermal Oxidizer and Associated Facilities Demolition <sup>5</sup>	Complete	Building/Structure Demolition	2,093	None	0	2,093
Building 68 Area Removal Action	Complete	River Channel/Riverbank Remediation	133	River Channel/Riverbank Remediation	-115	18
City Recreational Area Remediation	Complete	Soil Grading	1	Soil Cover Installation, Soil Grading, and Access Road Installation	-273	-272
60s Complex Building Demolition (Completed Building Demolition) <sup>6</sup>	Complete	Building Demolition	20,851	None	0	20,851
60s Complex Building Demolition (Ongoing/Future Building Demolition) <sup>7</sup>	Ongoing/Future	Building Demolition	16,341	None	0	16,341
Upper ½-Mile Reach Removal Action	Complete	River Channel/Riverbank Remediation and Riverbank Restoration	476	River Channel/Riverbank Remediation and Riverbank Restoration	-289	188
Newell Street Area I Removal Action	Complete	Building Demolition, Soil Grading	2,116	Bocce Court and Engineered Barrier Installation	-404	1,712
Newell Street Area II Removal Action	Complete	Soil Grading	125	Engineered Barrier Installation (Parking Lot)	-5,620	-5,495
Lyman Street Area Removal Action	Complete	None	0	Engineered Barrier Installation (Parking Lot) and Soil Grading	-11,880	-11,880
Portion of 1½-Mile Reach Removal Action (Lyman Street to Elm Street) <sup>8</sup>	Complete	River Channel/Riverbank Remediation and Soil Grading	2,395	Soil Grading and Installation of Aquatic Enhancement Structures	-604	1,791
East Street Area 2-South Removal Action	Future	None	0	Installation of Enhanced Pavement	-526	-526
			<b>44,531</b>			<b>-19,710</b>
						<b>24,821</b>

**Notes:**

- The flood storage information provided herein is associated with remediation/demolition projects that have or will be conducted within the 100-year floodplain along the stretch of Housatonic River between the Newell Street and Elm Street bridges.
- cy - cubic yards.
- Volumes in the above table are shown to the nearest whole number.
- Negative numbers represent a loss in flood storage capacity.
- Thermal Oxidizer and Associated Facilities Demolition includes the control room, temporary drum storage area, pH control building, bag burner, and the concrete berm associated with the tank storage facility.
- 60s Complex Building Demolition (Completed Building Demolition) includes Buildings 61, 61A, 61J, 61R, 61S, 62, 64Y, 66, 66A, 66B, and 67.
- 60s Complex Building Demolition (Ongoing/Future Building Demolition) includes Buildings 63, 63X, and 65.
- Portion of 1½-Mile Reach Removal Action (Lyman Street to Elm Street) includes certain remediated upland areas (outside the limits of the river channel and riverbanks) located adjacent to this portion of the Housatonic River.

**TABLE D-2  
INCREMENTAL CHANGES TO EXISTING FLOOD STORAGE CAPACITY <sup>1</sup>**

**FLOOD STORAGE ASSESSMENT  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

Incremental Elevation (ft AMSL)	Estimated Flood Storage Gains by Incremental Elevation (cy)											
	Thermal Oxidizer and Associated Facilities Demolition <sup>f</sup>	Building 68 Area Removal Action	City Recreational Area Remediation	60s Complex Building Demolition (Completed Building Demolition) <sup>f</sup>	60s Complex Building Demolition (Ongoing/Future Building Demolition) <sup>f</sup>	Upper ½-Mile Reach Removal Action	Newell Street Area I Removal Action	Newell Street Area II Removal Action	Lyman Street Area Removal Action	Portion of 1½-Mile Reach Removal Action (Lyman Street to Elm Street) <sup>f</sup>	East Street Area 2-South Removal Action	Total
Less Than 982	184	106	0	0	0	476	0	125	0	1,276	0	2,168
982-983	368	25	0	0	0	0	0	0	0	331	0	724
983-984	418	2	0	0	0	0	0	0	0	286	0	706
984-985	208	0	0	172	344	0	41	0	0	191	0	956
985-986	166	0	0	2,919	2,652	0	0	0	0	194	0	5,931
986-987	166	0	0	3,244	2,966	0	0	0	0	30	0	6,405
987-988	166	0	1	3,337	2,966	0	421	0	0	66	0	6,957
988-989	166	0	0	3,409	2,966	0	498	0	0	15	0	7,054
989-990	166	0	0	4,792	2,966	0	770	0	0	6	0	8,700
990-991	83	0	0	2,951	1,483	0	385	0	0	0	0	4,903
991-992	0	0	0	28	0	0	0	0	0	0	0	28
<b>Total</b>	<b>2,093</b>	<b>133</b>	<b>1</b>	<b>20,851</b>	<b>16,341</b>	<b>476</b>	<b>2,116</b>	<b>125</b>	<b>0</b>	<b>2,395</b>	<b>0</b>	<b>44,531</b>

Incremental Elevation (ft AMSL)	Estimated Flood Storage Losses by Incremental Elevation (cy)											
	Thermal Oxidizer and Associated Facilities Demolition <sup>f</sup>	Building 68 Area Removal Action	City Recreational Area Remediation	60s Complex Building Demolition (Completed Building Demolition) <sup>f</sup>	60s Complex Building Demolition (Ongoing/Future Building Demolition) <sup>f</sup>	Upper ½-Mile Reach Removal Action	Newell Street Area I Removal Action	Newell Street Area II Removal Action	Lyman Street Area Removal Action	Portion of 1½-Mile Reach Removal Action (Lyman Street to Elm Street) <sup>f</sup>	East Street Area 2-South Removal Action	Total
Less Than 982	0	-101	0	0	0	-250	0	0	0	-582	-11	-944
982-983	0	-1	0	0	0	-20	0	-366	-14	0	-1	-403
983-984	0	-2	0	0	0	-18	-13	-607	-545	0	0	-1,185
984-985	0	-11	0	0	0	0	-68	-1,361	-1,553	0	-57	-3,050
985-986	0	0	0	0	0	0	-107	-1,765	-2,343	-4	-132	-4,351
986-987	0	0	0	0	0	0	-213	-1,086	-2,370	-3	-265	-3,937
987-988	0	0	0	0	0	0	-3	-336	-2,124	-4	-12	-2,479
988-989	0	0	0	0	0	0	0	-48	-1,851	-10	-25	-1,935
989-990	0	0	-2	0	0	0	0	-34	-1,022	-1	-22	-1,081
990-991	0	0	-59	0	0	0	0	-17	-58	0	0	-134
991-992	0	0	-212	0	0	0	0	0	0	0	0	-212
<b>Total</b>	<b>0</b>	<b>-115</b>	<b>-273</b>	<b>0</b>	<b>0</b>	<b>-289</b>	<b>-404</b>	<b>-5,620</b>	<b>-11,880</b>	<b>-604</b>	<b>-526</b>	<b>-19,710</b>

Incremental Elevation (ft AMSL)	Estimated Net Flood Storage Change by Incremental Elevation (cy)											
	Thermal Oxidizer and Associated Facilities Demolition <sup>f</sup>	Building 68 Area Removal Action	City Recreational Area Remediation	60s Complex Building Demolition (Completed Building Demolition) <sup>f</sup>	60s Complex Building Demolition (Ongoing/Future Building Demolition) <sup>f</sup>	Upper ½-Mile Reach Removal Action	Newell Street Area I Removal Action	Newell Street Area II Removal Action	Lyman Street Area Removal Action	Portion of 1½-Mile Reach Removal Action (Lyman Street to Elm Street) <sup>f</sup>	East Street Area 2-South Removal Action	Total
Less Than 982	184	5	0	0	0	227	0	125	0	694	-11	1,224
982-983	368	24	0	0	0	-20	0	-366	-14	331	-1	321
983-984	418	0	0	0	0	-18	-13	-607	-545	286	0	-479
984-985	208	-11	0	172	344	0	-27	-1,361	-1,553	191	-57	-2,094
985-986	166	0	0	2,919	2,652	0	-107	-1,765	-2,343	190	-132	1,580
986-987	166	0	0	3,244	2,966	0	-213	-1,086	-2,370	27	-265	2,468
987-988	166	0	1	3,337	2,966	0	418	-336	-2,124	62	-12	4,478
988-989	166	0	0	3,409	2,966	0	498	-48	-1,851	5	-25	5,119
989-990	166	0	-2	4,792	2,966	0	770	-34	-1,022	5	-22	7,619
990-991	83	0	-59	2,951	1,483	0	385	-17	-58	0	0	4,769
991-992	0	0	-212	28	0	0	0	0	0	0	0	-184
<b>Total</b>	<b>2,093</b>	<b>18</b>	<b>-272</b>	<b>20,851</b>	<b>16,341</b>	<b>188</b>	<b>1,712</b>	<b>-5,495</b>	<b>-11,880</b>	<b>1,791</b>	<b>-526</b>	<b>24,821</b>

See notes on page 2.

**TABLE D-2  
INCREMENTAL CHANGES TO EXISTING FLOOD STORAGE CAPACITY <sup>1</sup>**

**FLOOD STORAGE ASSESSMENT  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

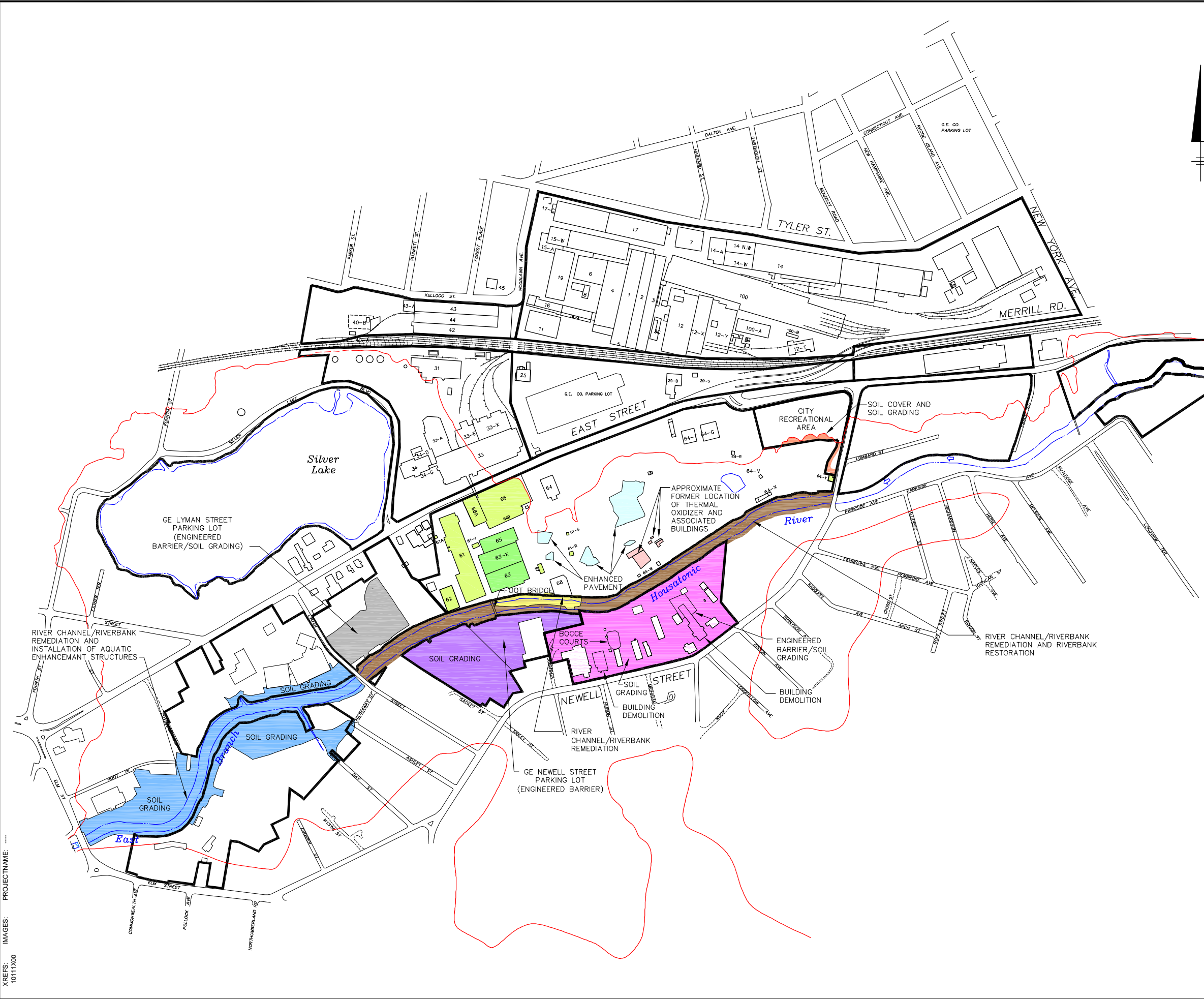
Notes:

1. The flood storage information provided herein is associated with remediation/demolition projects that have or will be conducted within the 100-year floodplain along the stretch of Housatonic River between the Newell Street and Elm Street bridges.
2. cy - cubic yards.
3. ft AMSL - feet above mean sea level.
4. Volumes in the above table are shown to the nearest whole number.
5. Negative numbers represent a loss in flood storage capacity.
6. Thermal Oxidizer and Associated Facilities Demolition includes the control room, temporary drum storage area, pH control building, bag burner, and the concrete berm associated with the tank storage facility.
7. 60s Complex Building Demolition (Completed Building Demolition) includes Buildings 61, 61A, 61J, 61R, 61S, 62, 64Y, 66, 66A, 66B, and 67.
8. 60s Complex Building Demolition (Ongoing/Future Building Demolition) includes Buildings 63, 63X, and 65.
9. Portion of 1½-Mile Reach Removal Action (Lyman Street to Elm Street) includes certain remediated upland areas (outside the limits of the river channel and riverbanks) located adjacent to this portion of the Housatonic River.

ARCADIS

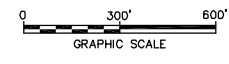
**Figures**

CITY: SYRACUSE DIV/GROUP: ENVCAD DE: DMV LAF: KMD LD: DMW PIC: P. KEANEY PM: C. AVERILL TM: C. AVERILL LVR: ON=OFF=REF  
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 XREFS: 10111X00 PROJECTNAME: ---



- LEGEND:**
- REMOVAL ACTION AREA BOUNDARY
  - APPROXIMATE LIMITS OF 100-YEAR FLOODPLAIN BOUNDARY (SEE NOTE 4)
  - APPROXIMATE EDGE OF WATER
- REMEDATION/DEMOLITION PROJECTS CONSIDERED IN FLOOD STORAGE ASSESSMENT:
- THERMAL OXIDIZER AND ASSOCIATED FACILITIES DEMOLITION
  - BUILDING 68 AREA REMOVAL ACTION
  - CITY RECREATIONAL AREA REMEDIATION
  - 60s COMPLEX BUILDING DEMOLITION (COMPLETED BUILDING DEMOLITION)
  - 60s COMPLEX BUILDING DEMOLITION (ONGOING/FUTURE BUILDING DEMOLITION)
  - UPPER 1/2-MILE REACH REMOVAL ACTION
  - NEWELL STREET AREA I REMOVAL ACTION
  - NEWELL STREET AREA II REMOVAL ACTION
  - LYMAN STREET AREA REMOVAL ACTION
  - PORTION OF 1 1/2-MILE REACH REMOVAL ACTION (LYMAN STREET TO ELM STREET)
  - EAST STREET AREA 2-SOUTH REMOVAL ACTION

- NOTES:**
1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990; DATA PROVIDED BY GENERAL ELECTRIC COMPANY; AND BLASLAND AND BOUCK ENGINEERS, P.C. CONSTRUCTION PLANS.
  2. NOT ALL PHYSICAL FEATURES SHOWN.
  3. SITE BOUNDARIES/LIMITS ARE APPROXIMATE.
  4. 100-YEAR FLOODPLAIN BOUNDARY IS BASED ON ELEVATIONS PUBLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY: "FLOOD INSURANCE STUDY - CITY OF PITTSFIELD, MASSACHUSETTS", JANUARY 16, 1987; AND "FLOOD INSURANCE RATE MAP - CITY OF PITTSFIELD, MASSACHUSETTS" (PANELS 250037 0010C AND 250037 0020C), FEBRUARY 19, 1982.



GENERAL ELECTRIC COMPANY  
 PITTSFIELD, MASSACHUSETTS  
**FLOOD STORAGE ASSESSMENT**

**REMEDATION/DEMOLITION PROJECTS  
 CONSIDERED IN FLOOD STORAGE  
 ASSESSMENT**

**FIGURE  
D-1**



CITY: SYR DIV/GROUP: 65 DB: DIMW/LAF/DIMW LD: DIMW/PIC/OPR PM: (OPR) TM: (OPR) LYN: (OPR) ON: OFF=REF=FRZN  
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 XREFS: 10111X15 PROJECTNAME: 10111X08 10111X16



LEGEND	
	APPROXIMATE REMOVAL ACTION AREA BOUNDARY
	APPROXIMATE LIMITS OF RD/RA AVERAGING AREAS
	PROPERTY LINE
	EDGE OF WATER
	GROUND SURFACE CONTOUR (1' INCREMENT)
	APPROXIMATE LIMITS OF 100-YEAR FLOODPLAIN BOUNDARY (SEE NOTE 3)
	BUILDING
	DEMOLISHED BUILDING
	BUILDING SUBJECT TO FUTURE DEMOLITION
	AREA SUBJECT TO 1-FOOT REMOVAL IN ACCORDANCE WITH THE SOW
	PAVED AREA (ASPHALT/CONCRETE)
	UNPAVED AREA (GRASS/DIRT/GRAVEL)
	AREA ADDRESSED AS PART OF BUILDING 68 REMOVAL ACTION OR 1/2-MILE REACH REMOVAL ACTION
	VEGETATIVE ENGINEERED BARRIER

- NOTES:
1. THE BASE MAP WAS PREPARED FROM A SURVEY PREPARED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. GE-1081-1, DATED 3/24/04.
  2. AVERAGING AREAS 4A THROUGH 4E ARE IDENTIFIED ON FIGURE E-1 OF ATTACHMENT E TO THE STATEMENT OF WORK FOR REMOVAL ACTIONS OUTSIDE THE RIVER (SOW) AS FOLLOWS:  
 4A - 60s COMPLEX  
 4B - FORMER GAS PLANT/SCRAP YARD AREA  
 4C - CITY RECREATIONAL AREA  
 4D - 200 FOOT INDUSTRIAL AVERAGING STRIP  
 4E - 200 FOOT RIPARIAN REMOVAL ZONE  
 THE NORTHERN BOUNDARY OF AVERAGING AREA 4E WAS EXPANDED APPROXIMATELY 20 FEET TO THE NORTH (AS REQUIRED BY THE THIRD CONSENT DECREE MODIFICATION) AND IS NOW APPROXIMATELY 220 FEET WIDE.
  3. 100-YEAR FLOODPLAIN BOUNDARY IS BASED ON ELEVATIONS PUBLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY: "FLOOD INSURANCE STUDY - CITY OF PITTSFIELD, MASSACHUSETTS", JANUARY 16, 1987; AND "FLOOD INSURANCE RATE MAP - CITY OF PITTSFIELD, MASSACHUSETTS" (PANELS 250037 0010C AND 250037 0020C), FEBRUARY 19, 1982, AND APPROXIMATED TO THE 1-FOOT CONTOURS SHOWN ON THIS FIGURE.



GENERAL ELECTRIC COMPANY  
 PITTSFIELD, MASSACHUSETTS  
**FLOOD STORAGE ASSESSMENT**

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**CURRENT TOPOGRAPHY WITHIN THE  
 RIPARIAN REMOVAL ZONE (RRZ)**

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**ARCADIS**

FIGURE  
**D-2**

ARCADIS

**Exhibits**

ARCADIS

**Exhibit I**

Thermal Oxidizer and Associated  
Facilities Demolition

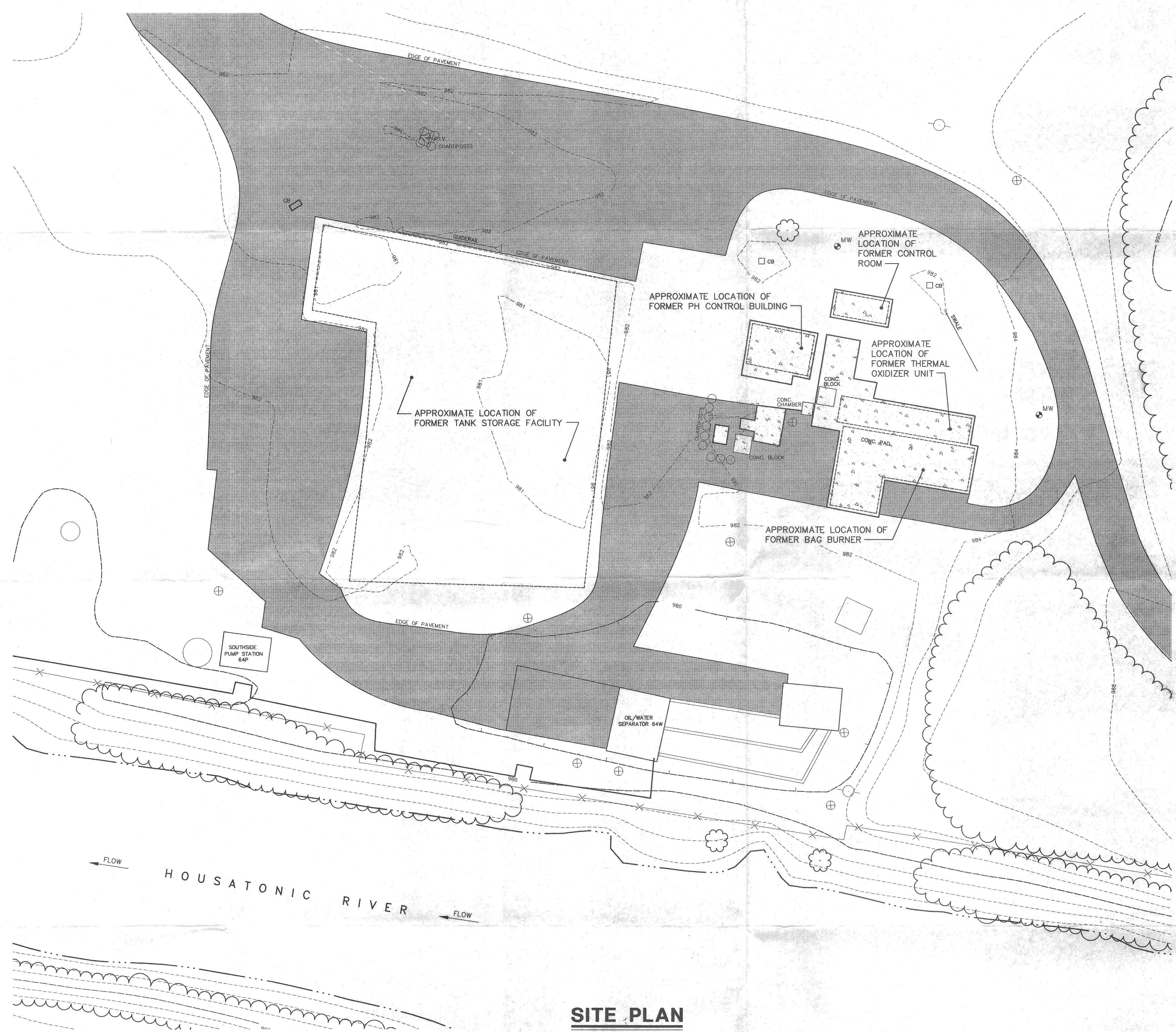
**TABLE I**  
**THERMAL OXIDIZER AND ASSOCIATED FACILITIES DEMOLITION**  
**FLOOD STORAGE ASSESSMENT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

Building	Control Room	Temporary Drum Storage Area <sup>7</sup>	pH Control Building	Bag Burner	Concrete Berm (Associated with Tank Storage Facility) <sup>8</sup>	
Footprint (ft <sup>2</sup> )	148	3,120	308	912	6,806	
At-Grade Slab Elevation (ft AMSL)	983	981.5	983	983	981.5	
100-Year Floodplain Elevation (ft AMSL)	990.50	990.50	990.50	990.50	990.50	
Incremental Elevation (ft AMSL)	<b>Change in Flood Storage Capacity (cy)</b>					<b>Total (cy)</b>
<b>Less Than 982</b>	0	58	0	0	126	<b>184</b>
<b>982-983</b>	0	116	0	0	252	<b>368</b>
<b>983-984</b>	5	116	11	34	252	<b>418</b>
<b>984-985</b>	5	116	11	34	42	<b>208</b>
<b>985-986</b>	5	116	11	34	0	<b>166</b>
<b>986-987</b>	5	116	11	34	0	<b>166</b>
<b>987-988</b>	5	116	11	34	0	<b>166</b>
<b>988-989</b>	5	116	11	34	0	<b>166</b>
<b>989-990</b>	5	116	11	34	0	<b>166</b>
<b>990-991</b>	3	58	6	17	0	<b>83</b>
<b>991-992</b>	0	0	0	0	0	<b>0</b>
<b>Total (cy)</b>	<b>41</b>	<b>1,040</b>	<b>86</b>	<b>253</b>	<b>672</b>	<b>2,093</b>

Notes:

1. ft<sup>2</sup> - square feet.
2. ft AMSL - feet above mean sea level.
3. cy - cubic yards.
4. Calculations assume that floor slabs remain and no other site work has been conducted which would result in changes to flood storage capacity.
5. Building footprints and at-grade slab elevations were estimated based on information presented on a figure titled "Survey Plat", included as part of a document titled *Thermal Oxidizer and Related Facilities Closure Documentation Report* (Blasland, Bouck & Lee, Inc. [BBL], December 1996).
6. Building footprints and volumes in the above table are shown to the nearest whole number.
7. Although the Temporary Drum Storage Area was partially open-sided, sandbags would have been placed at the entry ways to the building to minimize the potential contact of water with drummed wastes in the event of a flood watch or warning (in accordance with a December 1988 letter from EPA providing conditional approval to operate the Thermal Oxidizer).
8. The height of the concrete berm (2 feet, 8 inches) was obtained from a document titled *Thermal Oxidizer and Related Facilities Closure Plan* (BBL, Revised September 1995).





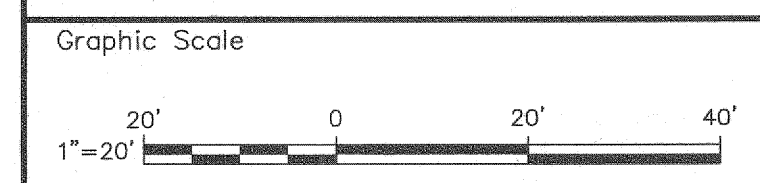
- LEGEND**
- ASPHALT SURFACE
  - CONCRETE SURFACE
  - 2 FOOT CONTOURS
  - 10 FOOT CONTOURS
  - EDGE OF WATER
  - FENCE
  - TREE LINE
  - TREE
  - UTILITY POLE
  - MANHOLE
  - CATCH BASIN

**GENERAL NOTES:**  
 THIS SURVEY PLAT IS BASED ON PHOTOGRAMMETRIC MAPPING DEVELOPED FROM AERIAL PHOTOS DATED 4/90 COMPILED BY LOCKWOOD MAPPING, INC., AND GROUND SURVEY PERFORMED BY BLASLAND, BOUCK & LEE, INC. 10/24/96. THE HORIZONTAL DATUM IS NAD 1927 AND THE VERTICAL DATUM IS NGVD 1929.

← FLOW  
 HOUSATONIC RIVER  
 → FLOW

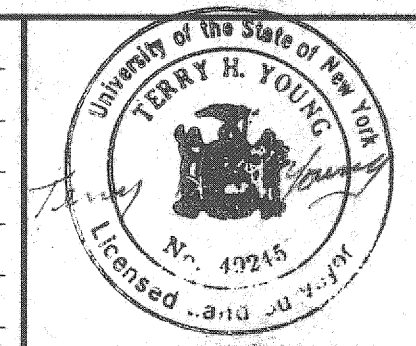
**SITE PLAN**  
 SCALE: 1"=20'

X: (XREF)  
 L: (LAYER)  
 P: STD-PCP/DL  
 12/96 SYR-05-MAD, 54-JLG MFS  
 10162005/10162001.DWG



NO ALTERATIONS PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW

No.	Date	Revisions	Init



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

GENERAL ELECTRIC COMPANY • PITTSFIELD, MASSACHUSETTS  
 THERMAL OXIDIZER AND RELATED FACILITIES CLOSURE DOCUMENTATION REPORT  
**SURVEY PLAT**

File Number  
 101.62.01F  
 Date  
 DECEMBER 1996  
 Blasland, Bouck & Lee, Inc.  
 Corporate Headquarters  
 6723 Towpath Road  
 Syracuse, NY 13214  
 315-446-9120



ARCADIS

**Exhibit II**

Building 68 Area Removal Action

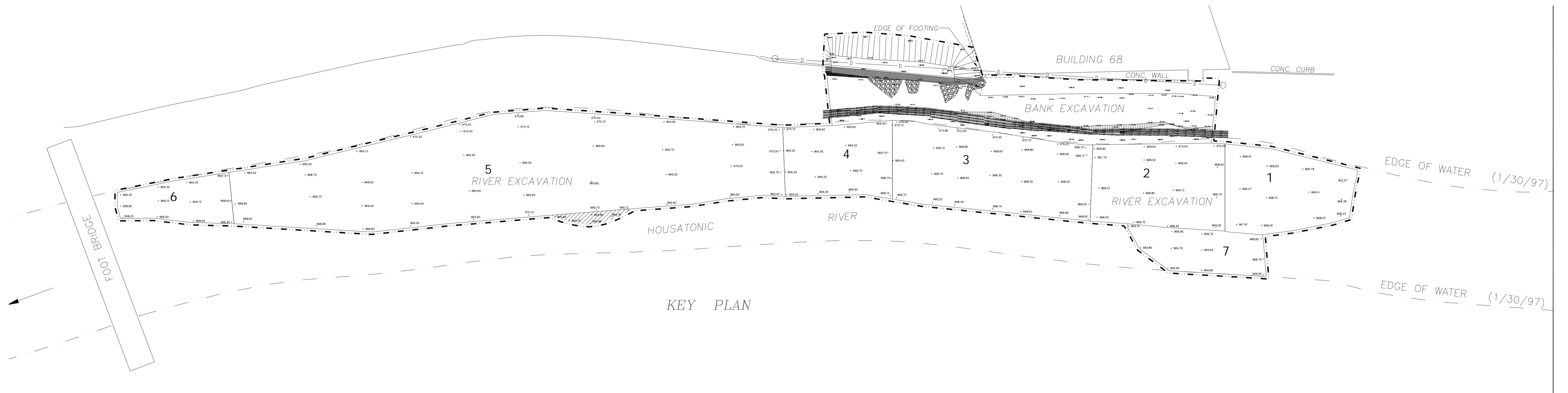


**TABLE II  
BUILDING 68 AREA REMOVAL ACTION  
FLOOD STORAGE ASSESSMENT  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

Activity Performed	River Channel Remediation	Riverbank Remediation	
100-Year Floodplain Elevation (ft AMSL)	990.50	990.50	
Incremental Elevation (ft AMSL)	<b>Change in Flood Storage Capacity (cy)</b>		<b>Total (cy)</b>
966-967	0	0	0
967-968	-2	0	-2
968-969	3	0	3
969-970	3	0	3
970-971	-20	8	-11
971-972	-21	6	-15
972-973	-21	6	-16
973-974	-22	7	-15
974-975	0	12	12
975-976	0	17	17
976-977	0	12	12
977-978	0	3	3
978-979	0	0	0
979-980	0	3	3
980-981	0	5	5
981-982	0	7	7
982-983	0	24	24
983-984	0	0	0
984-985	0	-11	-11
985-986	0	0	0
986-987	0	0	0
987-988	0	0	0
988-989	0	0	0
989-990	0	0	0
990-991	0	0	0
991-992	0	0	0
<b>Total (cy)</b>	<b>-80</b>	<b>98</b>	<b>18</b>

Notes:

1. ft AMSL - feet above mean sea level.
2. cy - cubic yards.
3. Negative numbers represent a loss in flood storage capacity.
4. Volumes in the above table are shown to the nearest whole number.
5. The volumes indicated above for river channel/riverbank remediation were calculated using Terramodel™ terrain modeling software and are based on a comparison of pre- and post-remediation conditions within the Building 68 Area. Pre-remediation topography for certain riverbank excavation areas was presented on Figure 5-1 of the *Completion of Work Report for Building 68 Removal Action* (Completion of Work Report; Blasland, Bouck & Lee, Inc. [BBL], February 2000). Pre-remediation conditions for the river channel excavation areas and remaining riverbank excavation area were obtained from the as-built survey drawings prepared by Hill Engineers, Architects & Planners, included in Appendix B of the Completion of Work Report. Post-remediation conditions for the river channel and riverbank excavation areas were obtained from the as-built survey drawings included in Appendix B of the Completion of Work Report.



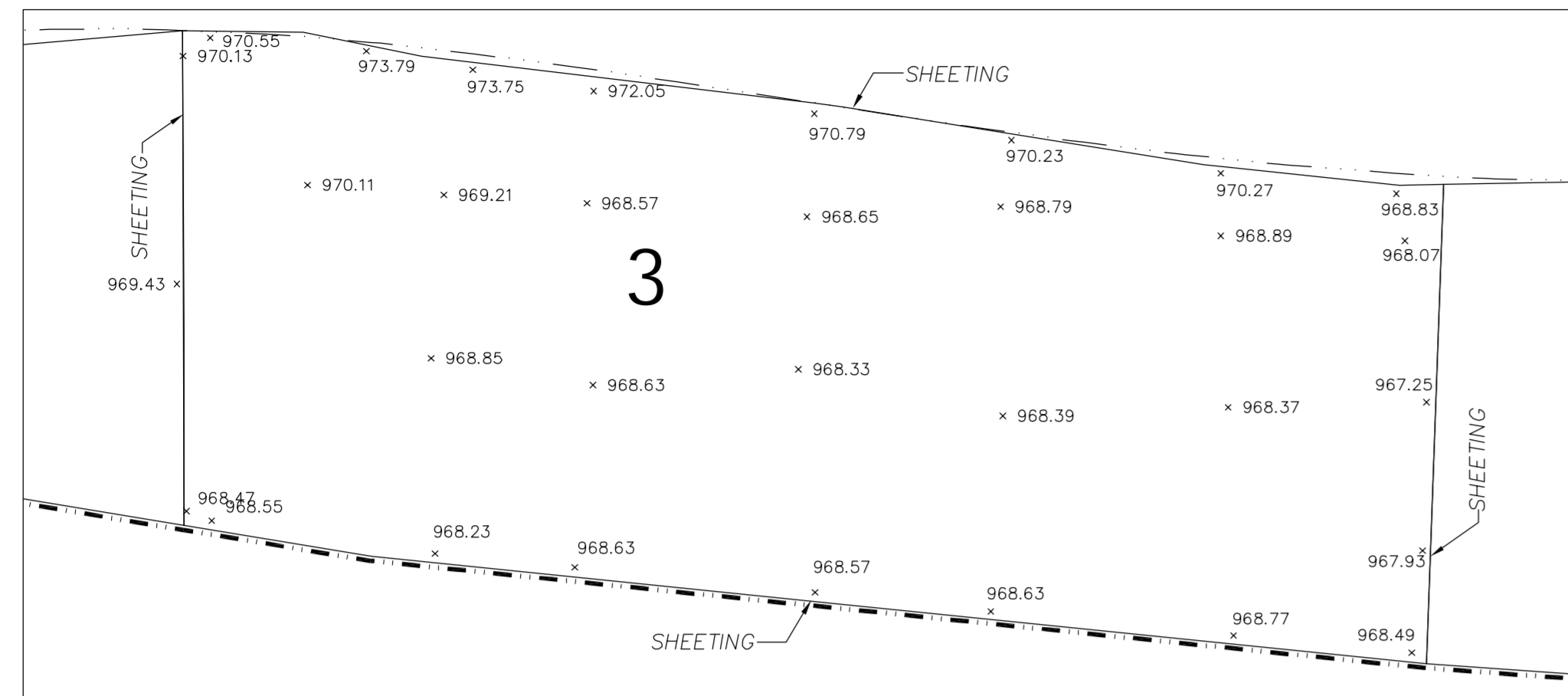
NOTES:

1. FIELD MEASUREMENTS MADE BY HILL ENGINEERS BETWEEN JUNE 1997 AND DEC.1998
2. LAYOUT & DEPTHS OF EXCAVATED AREAS TAKEN FROM DATA SUPPLIED BY BLASLAND ,BOUCK & LEE INC.

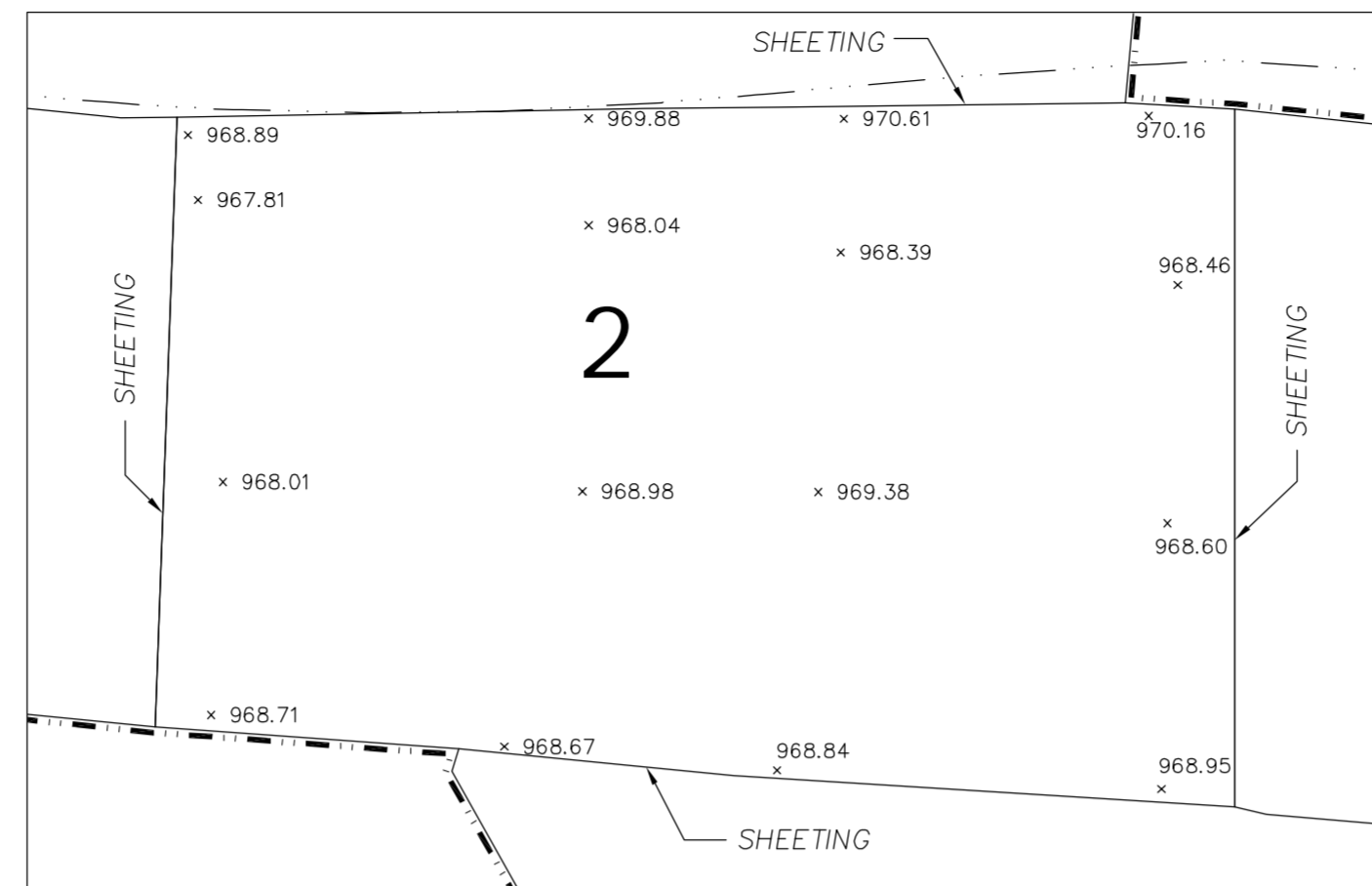
--- LIMITS OF EXCAVATION

<b>GENERAL ELECTRIC COMPANY</b> PITTSFIELD BUILDING 68 - HOUSATONIC RIVER MASSACHUSETTS						
SCALE	1"=20'	REV.	DESCRIPTION	DRN	CK'N	DATE
DATE	12/05/98					
DRN	GW	CK'D.	BP			
APP'CD.						
COMP. CODE		BOOK NO.		CAD CODE	GE1017-1-1AB.DWG	
TITLE	AS BUILT EXCAVATION PLAN GENERAL ARRANGEMENT			NO.	REV.	
				GE1017-1-1AB		

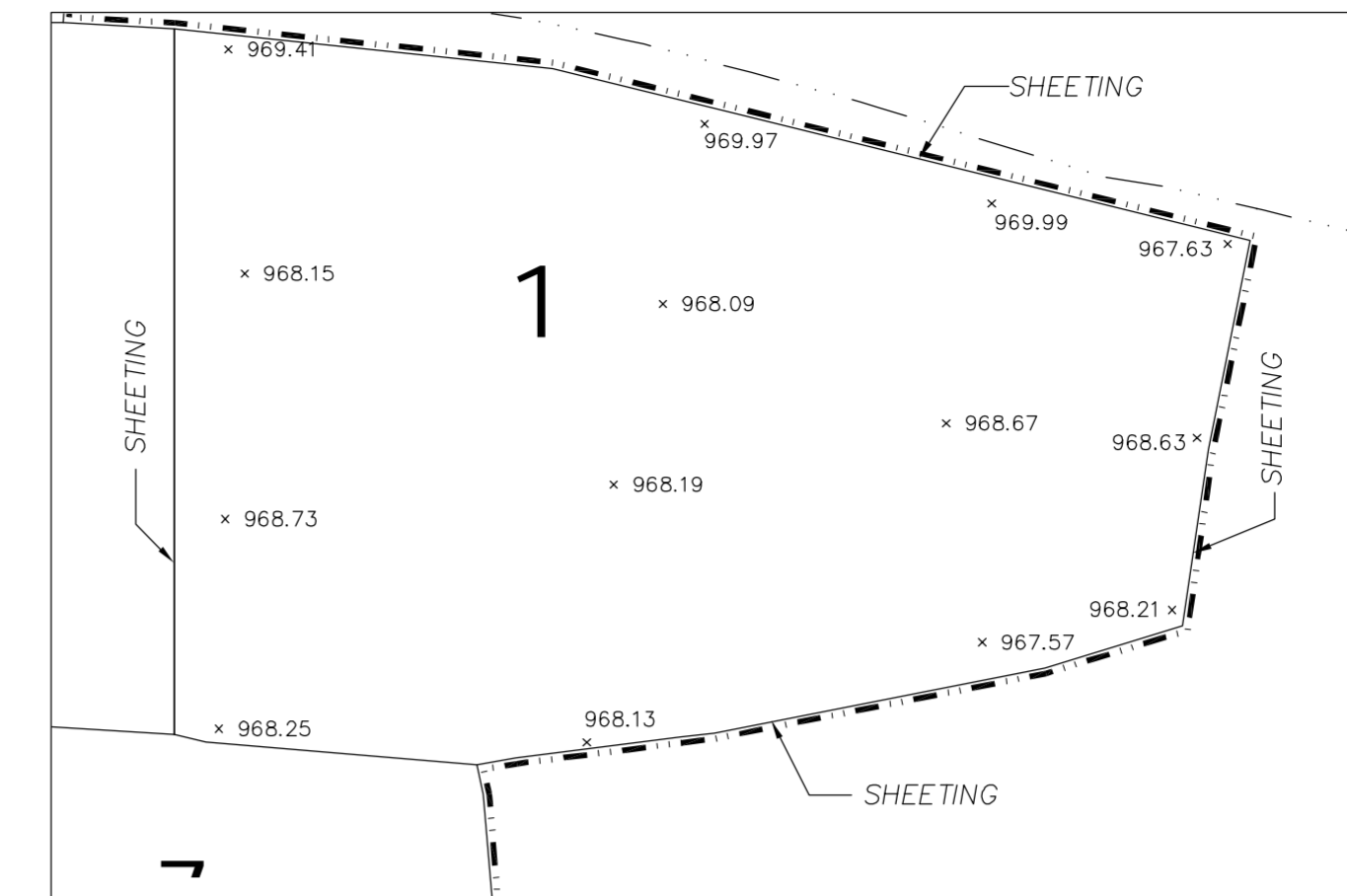
  
 50 Depot Street  
 Dalton, MA 01226  
 (413) 684-0925



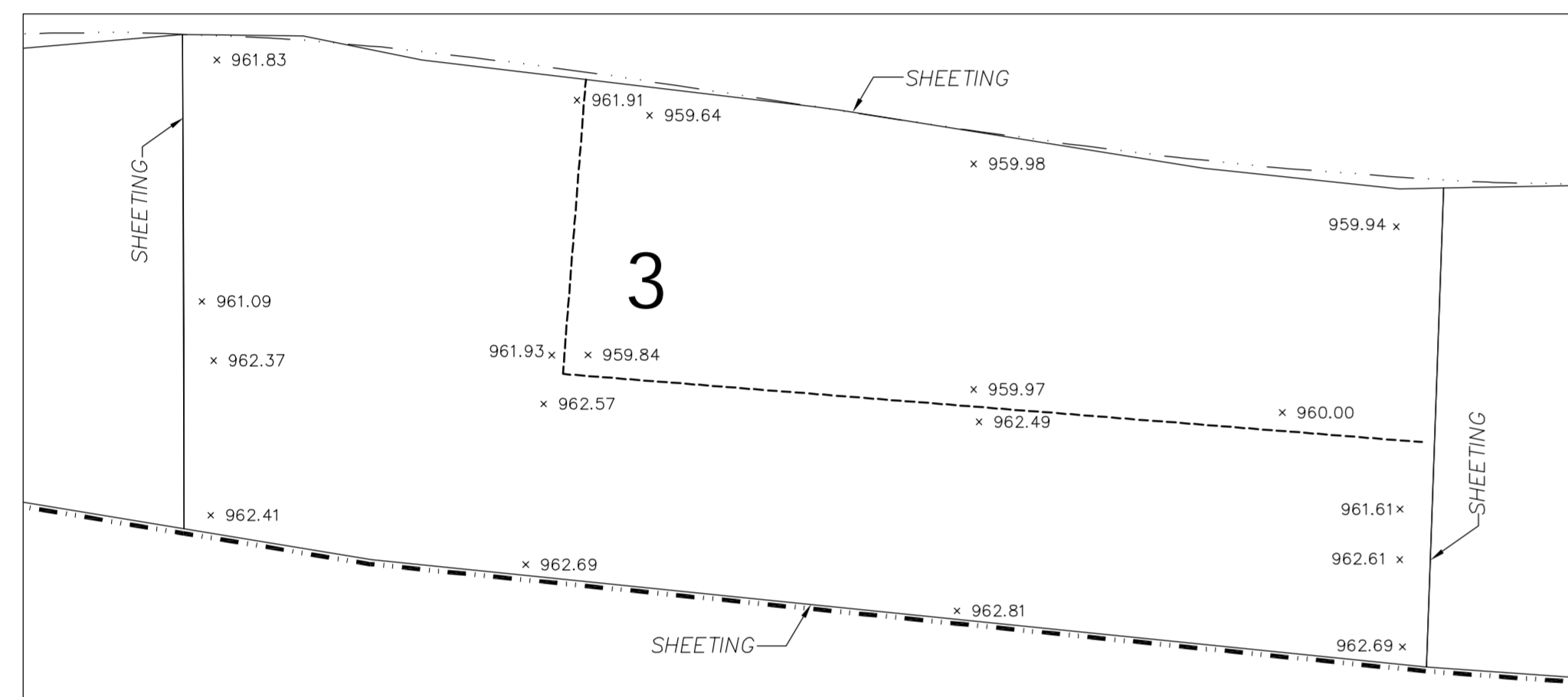
PRE EXCAVATION TOPOGRAPHY



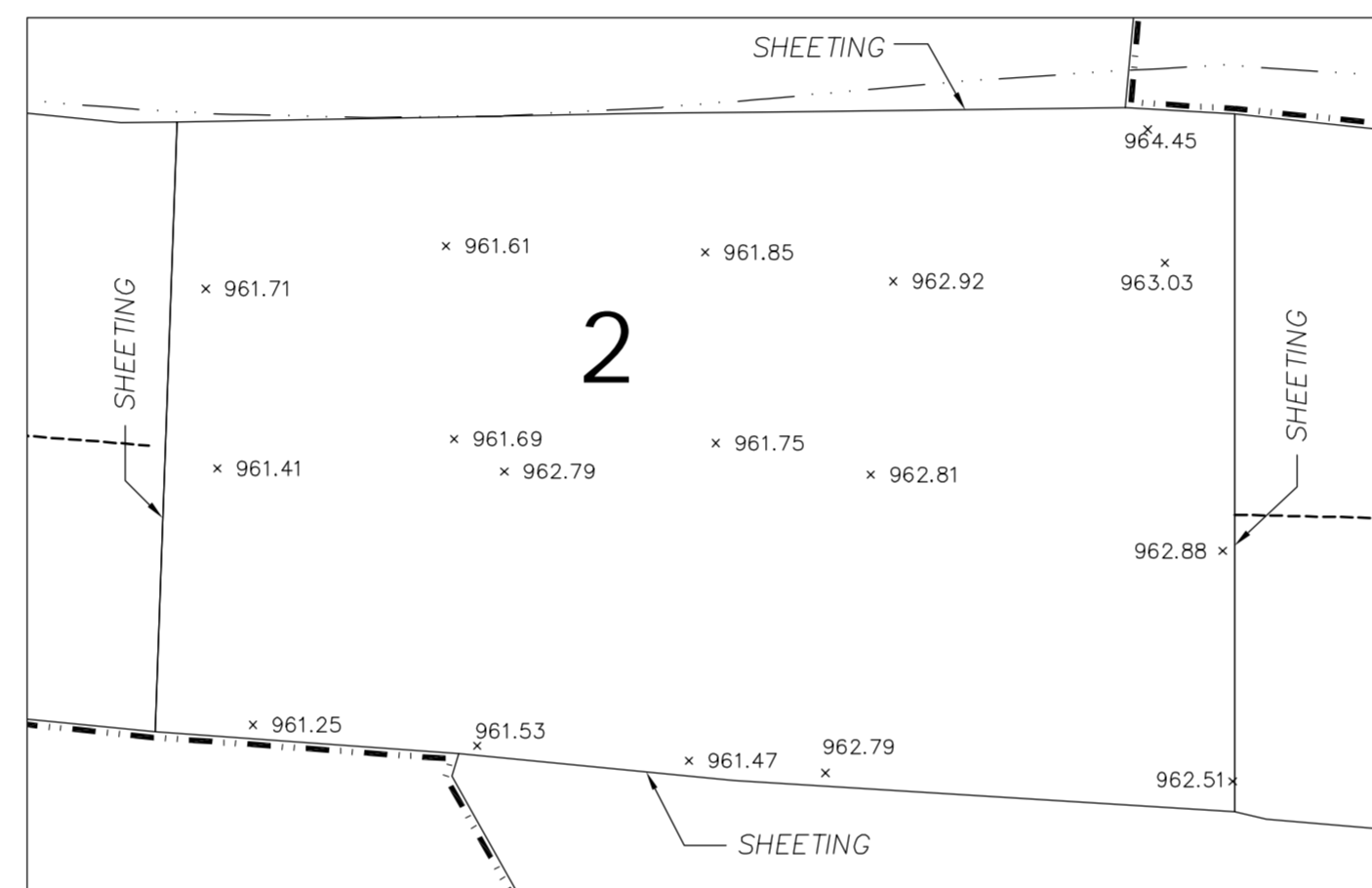
PRE EXCAVATION TOPOGRAPHY



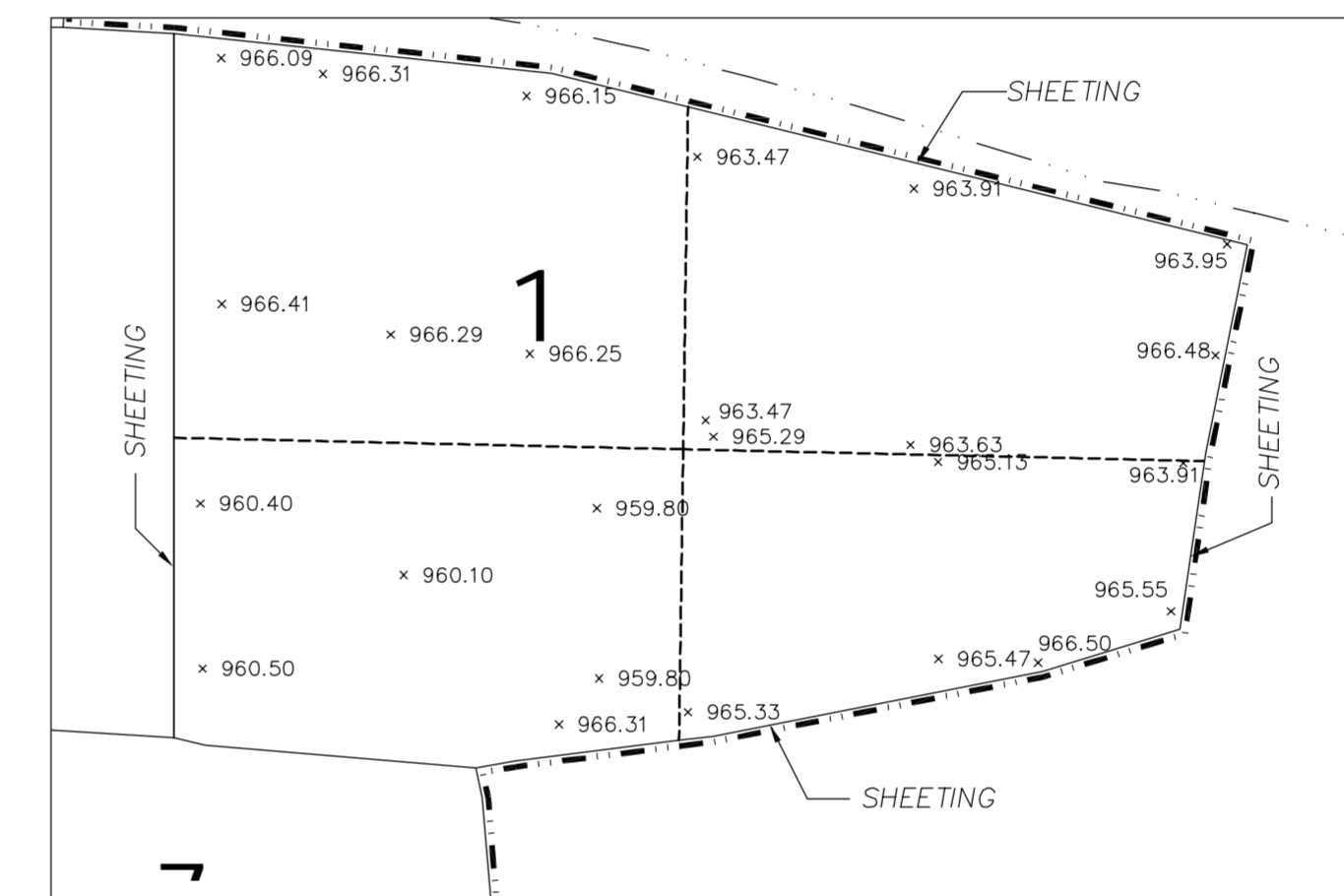
PRE EXCAVATION TOPOGRAPHY



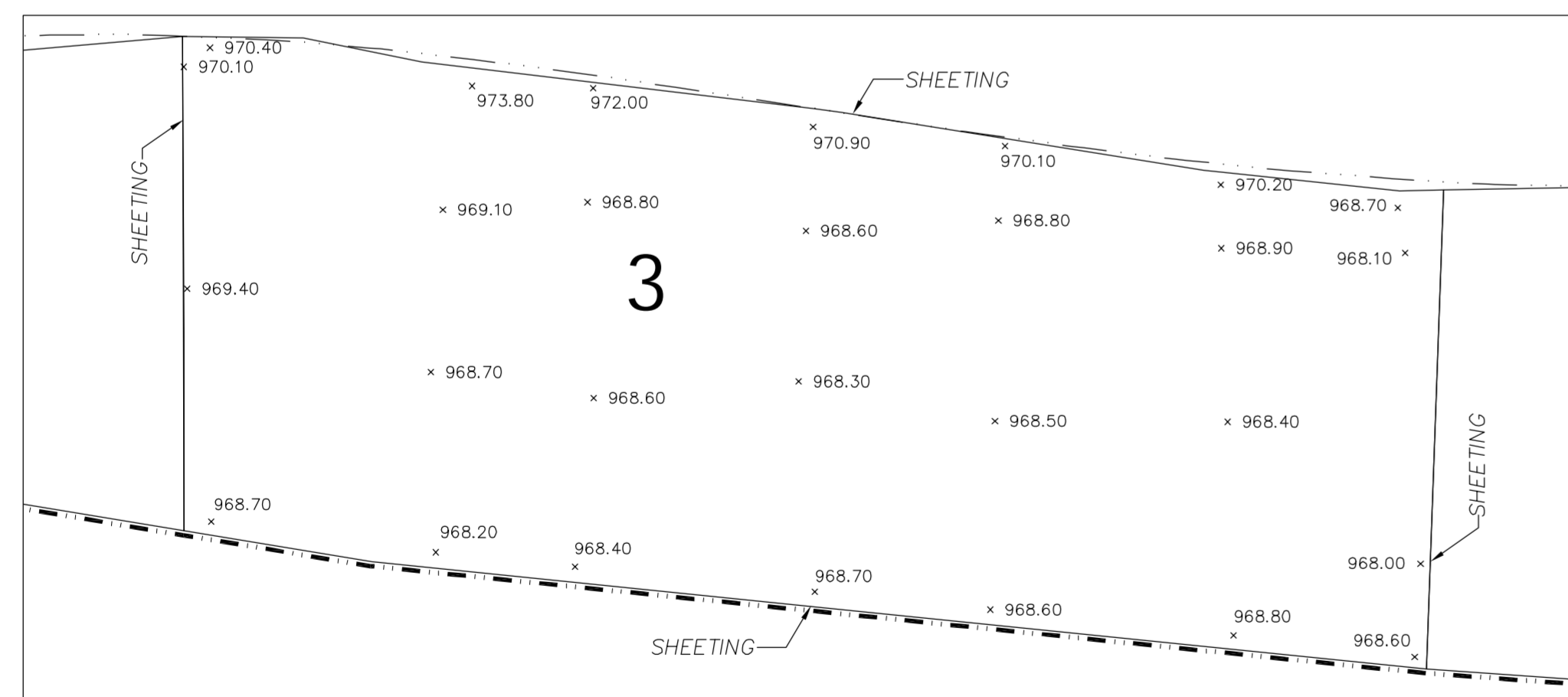
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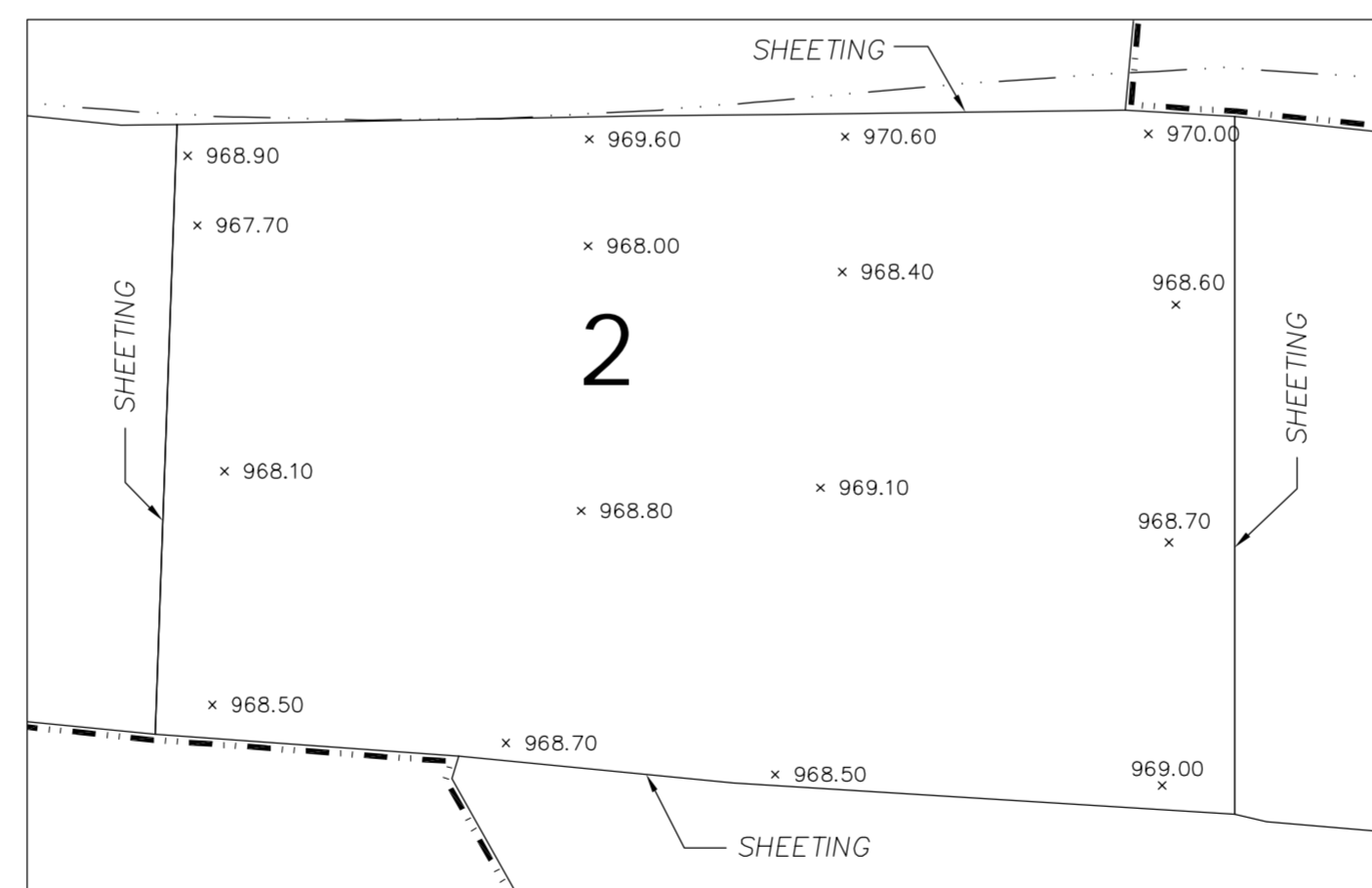
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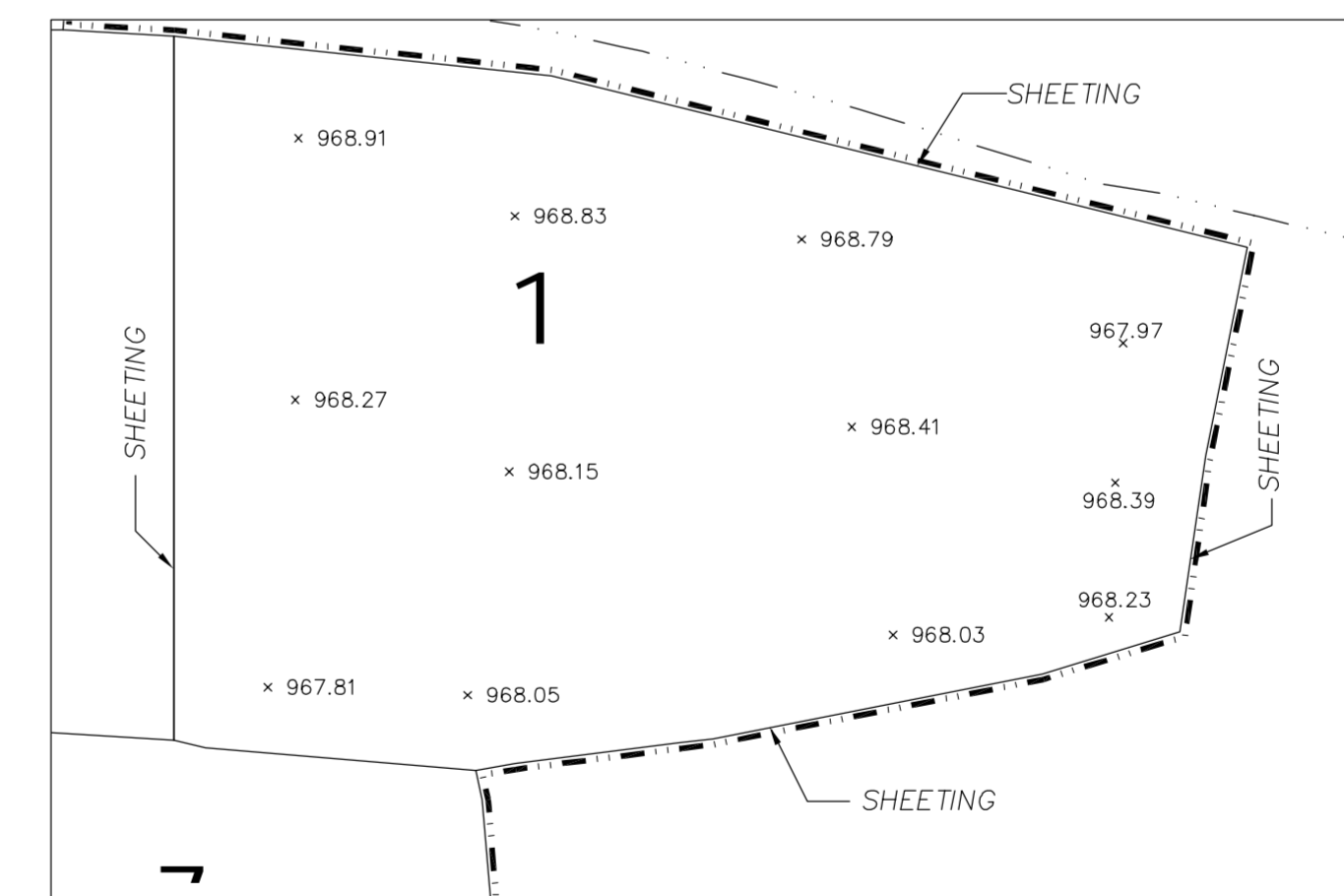
EXCAVATION DATA



AS BUILT RESTORATION



AS BUILT RESTORATION

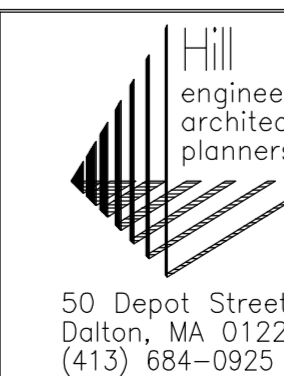


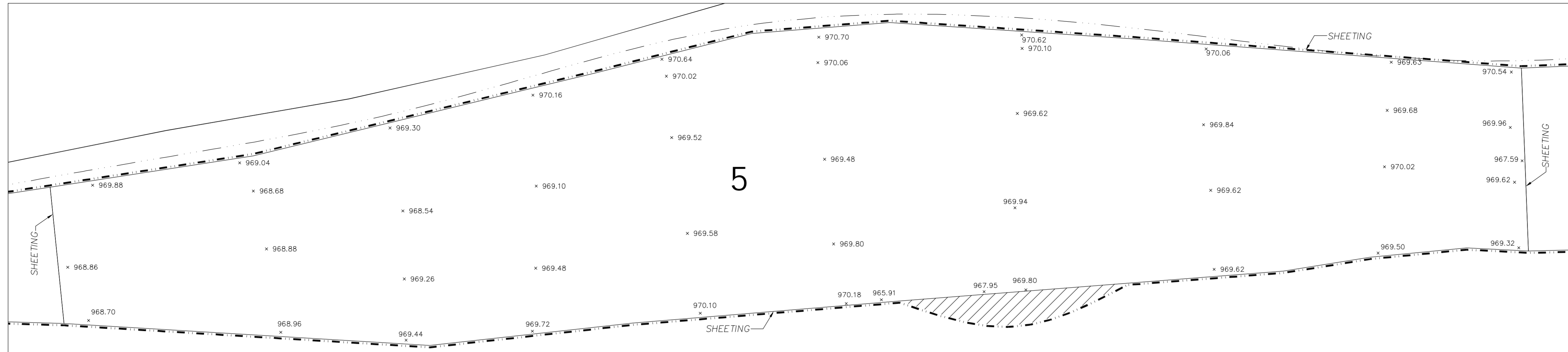
AS BUILT RESTORATION

NOTE:  
SEE KEY PLAN SHEET 1 OF 5 FOR GENERAL ARRANGEMENT

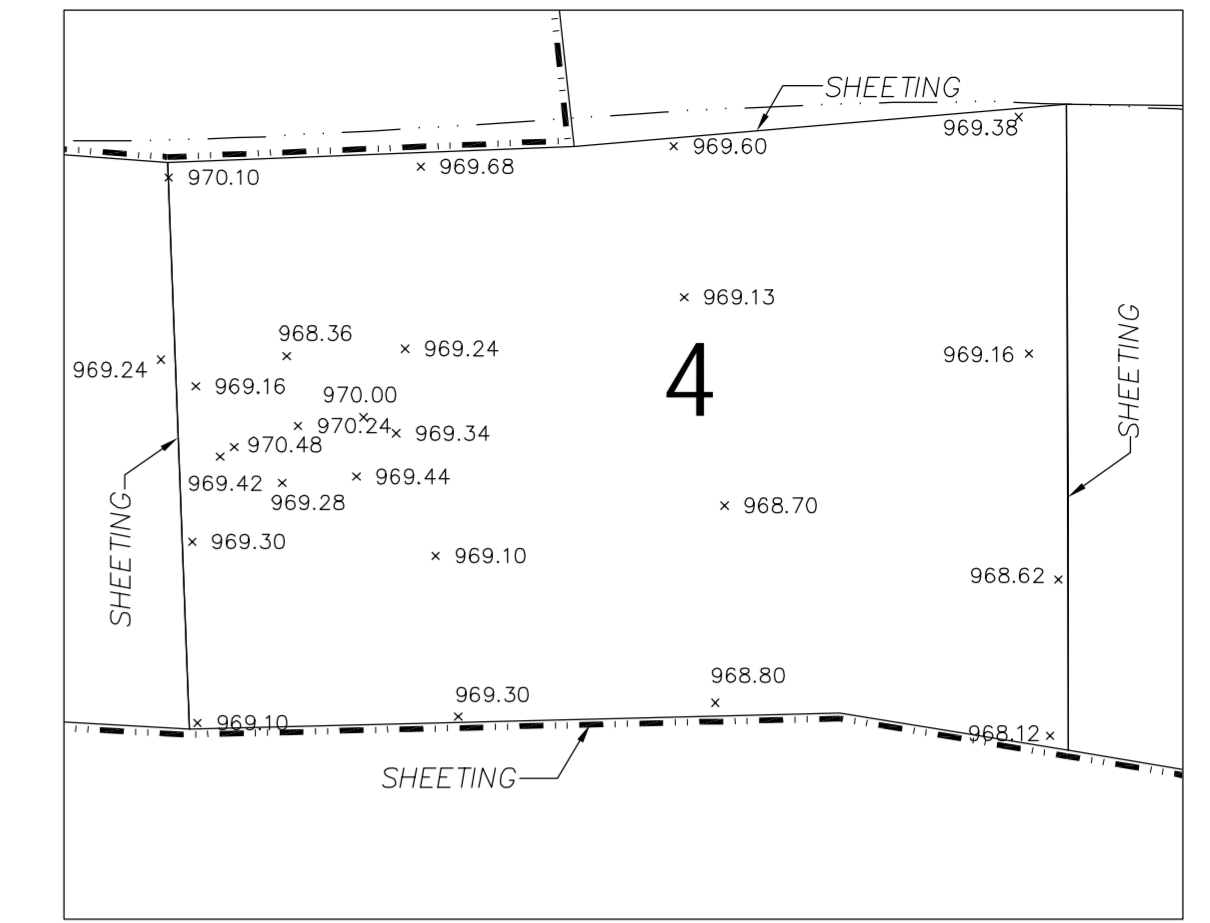
- LEGEND:
- LIMITS OF EXCAVATION
  - - - - EDGE OF WATER
  - STEEL SHEET PILING
  - - - - INTERIOR EXCAVATION LIMITS

GENERAL ELECTRIC COMPANY BUILDING 68 - HOUSATONIC RIVER PITTSFIELD MASSACHUSETTS						
SCALE	1" = 10'	REV	DESCRIPTION	DRN	CRN	DATE
DATE	12/05/98					
DRN	GW	CRN	BP			
COMP. CODE		BOOK NO.		LOAD CODE	GE1017-1-AB1.DWG	
TITLE	AS BUILT EXCAVATION PLAN CELL 1-3			NO.	GE1017-1-1AB	

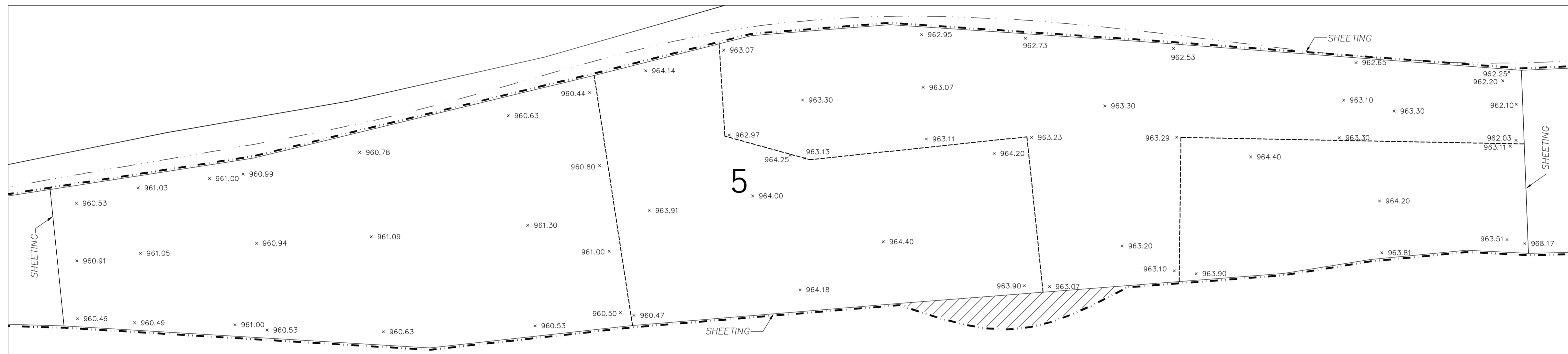




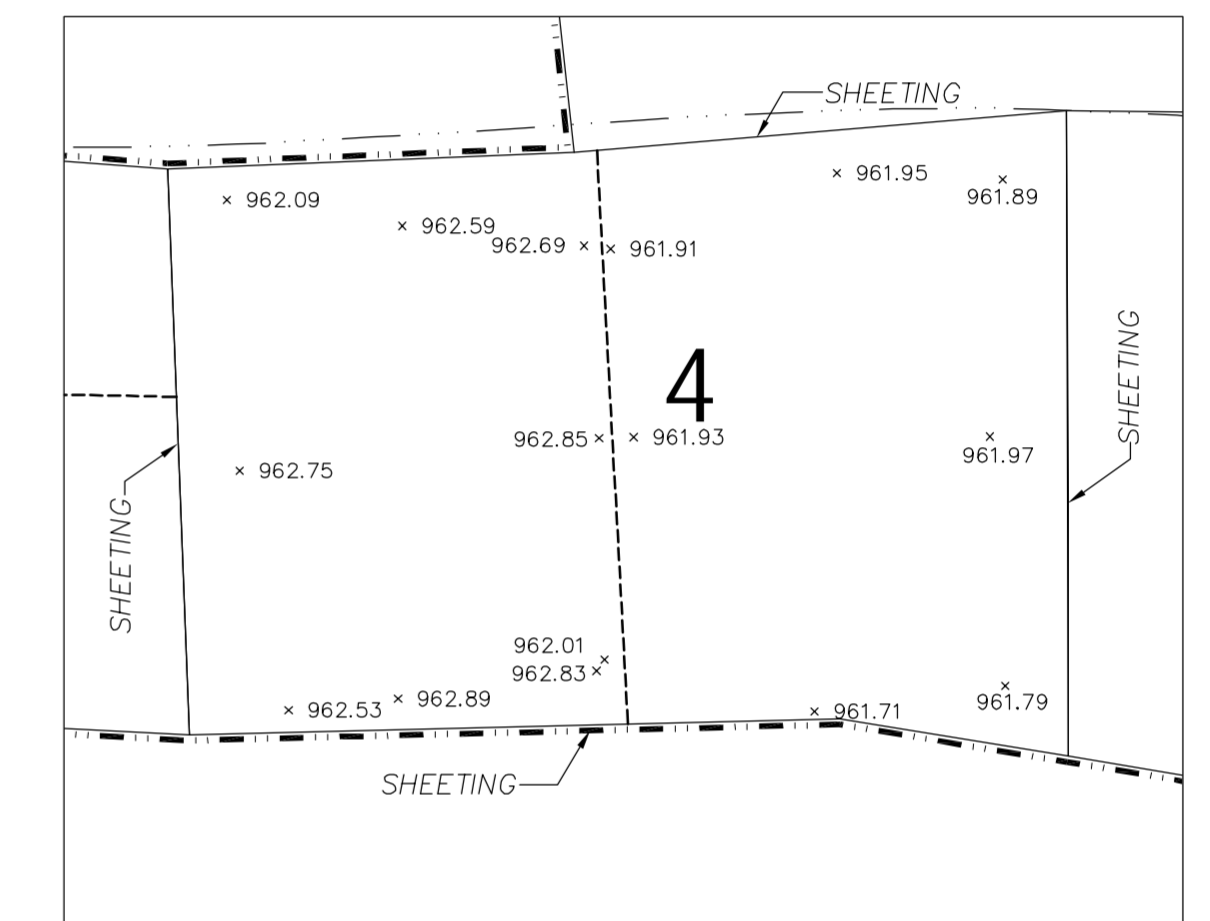
PRE EXCAVATION TOPOGRAPHY



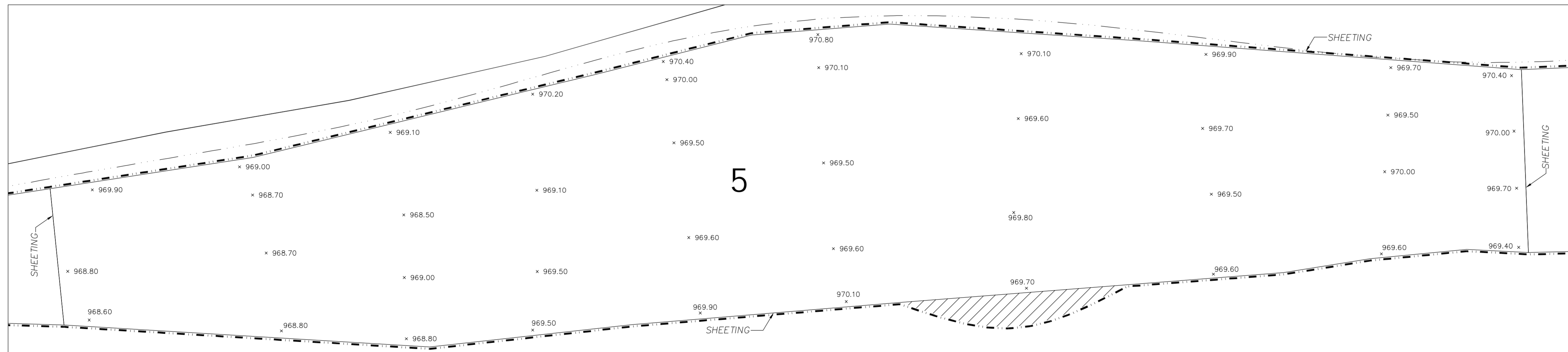
PRE EXCAVATION TOPOGRAPHY



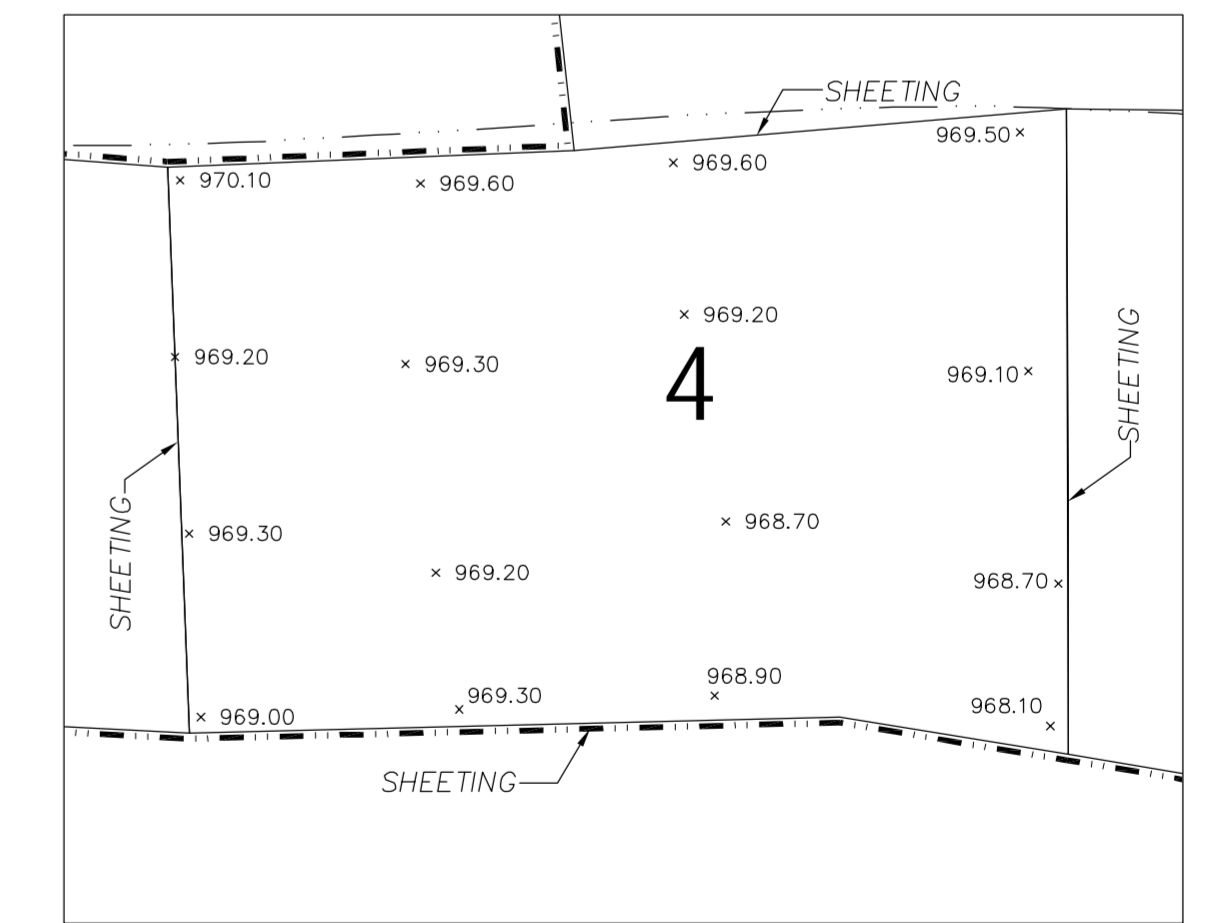
EXCAVATION DATA



EXCAVATION DATA



AS BUILT RESTORATION

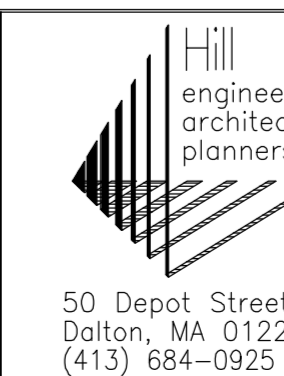


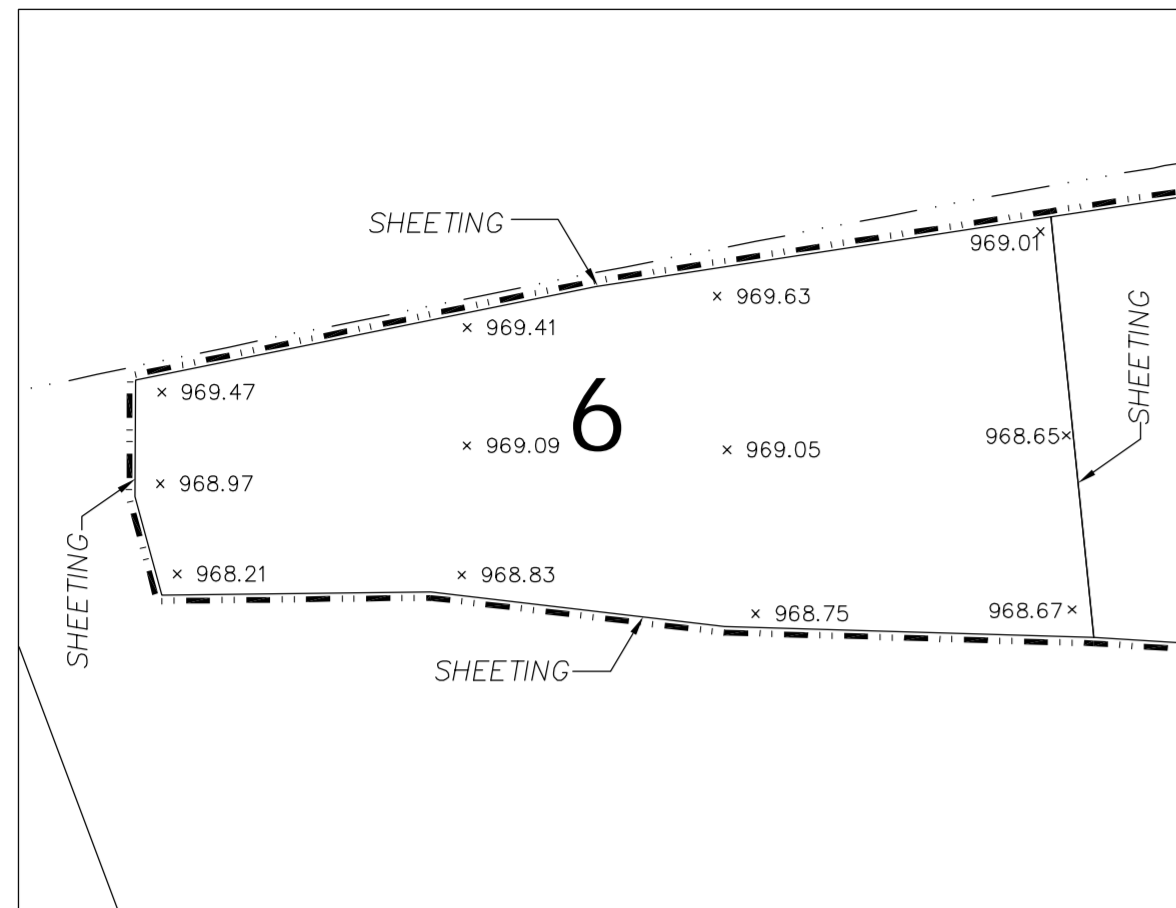
AS BUILT RESTORATION

NOTE:  
SEE KEY PLAN SHEET 1 OF 5 FOR GENERAL ARRANGEMENT

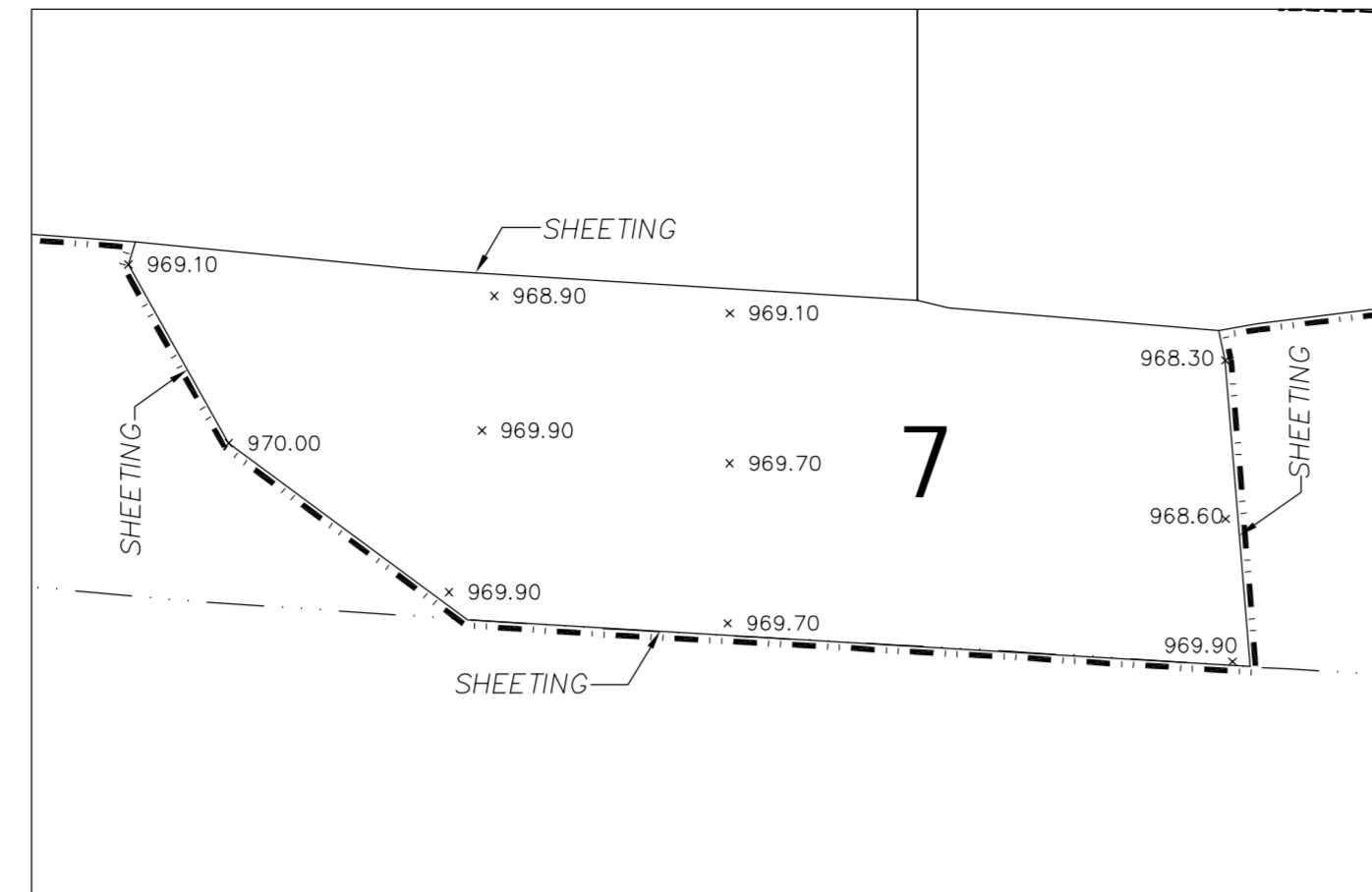
- LEGEND:
- LIMITS OF EXCAVATION
  - EDGE OF WATER
  - STEEL SHEET PILING
  - INTERIOR EXCAVATION LIMITS

GENERAL ELECTRIC COMPANY						
PITTSFIELD BUILDING 68 - HOUSATONIC RIVER MASSACHUSETTS						
SCALE	1"=10'	REV	DESCRIPTION	DRN	CKN	DATE
DATE	12/05/98					
DRN	CW	BP				
COMP. CODE		BOOK NO.		CAD CODE	GE1017-1-AB2.DWG	
TITLE			NO.			REV.
AS BUILT EXCAVATION PLAN			GE1017-1-1AB			
CELL 4 & 5						

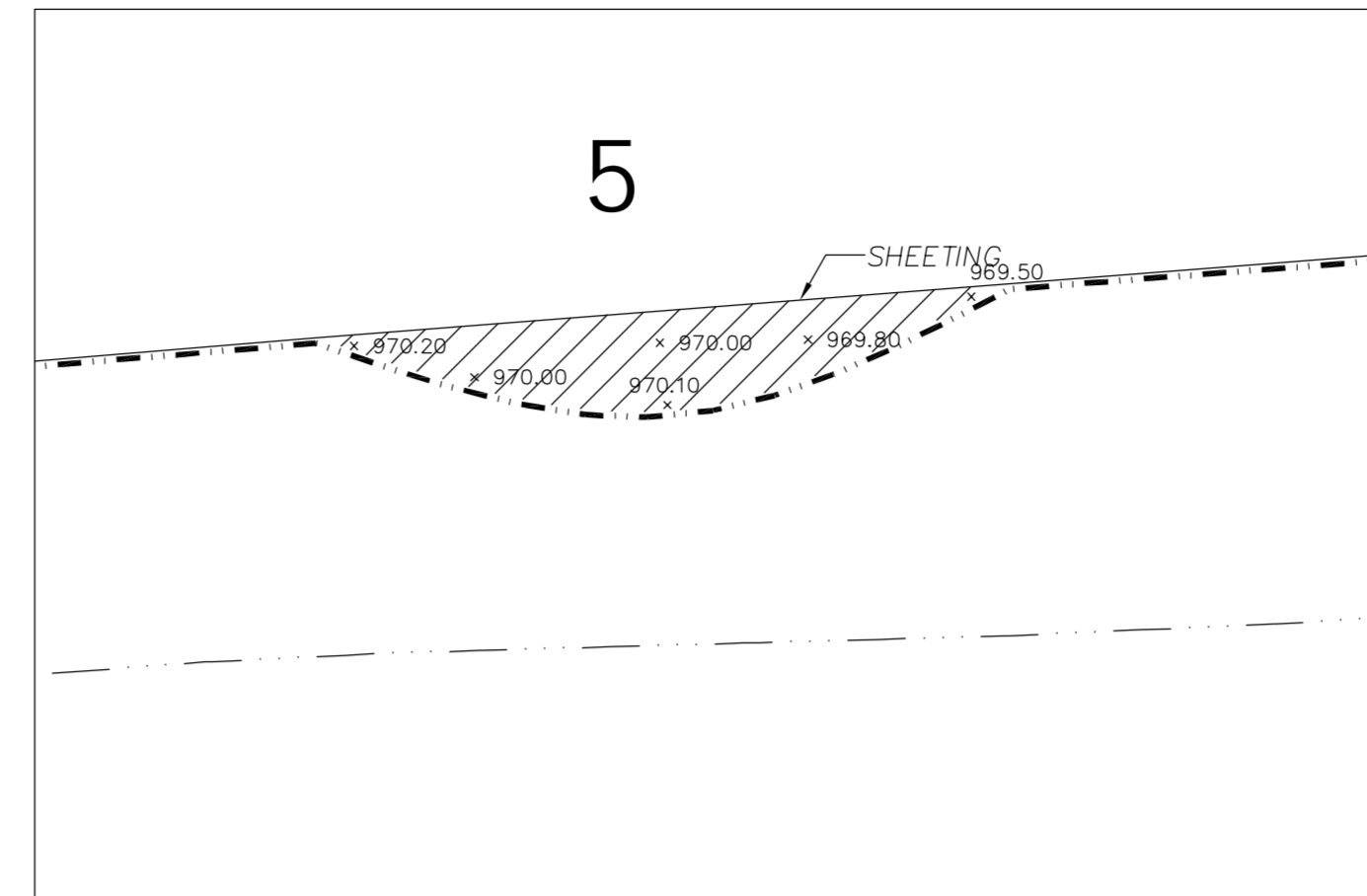




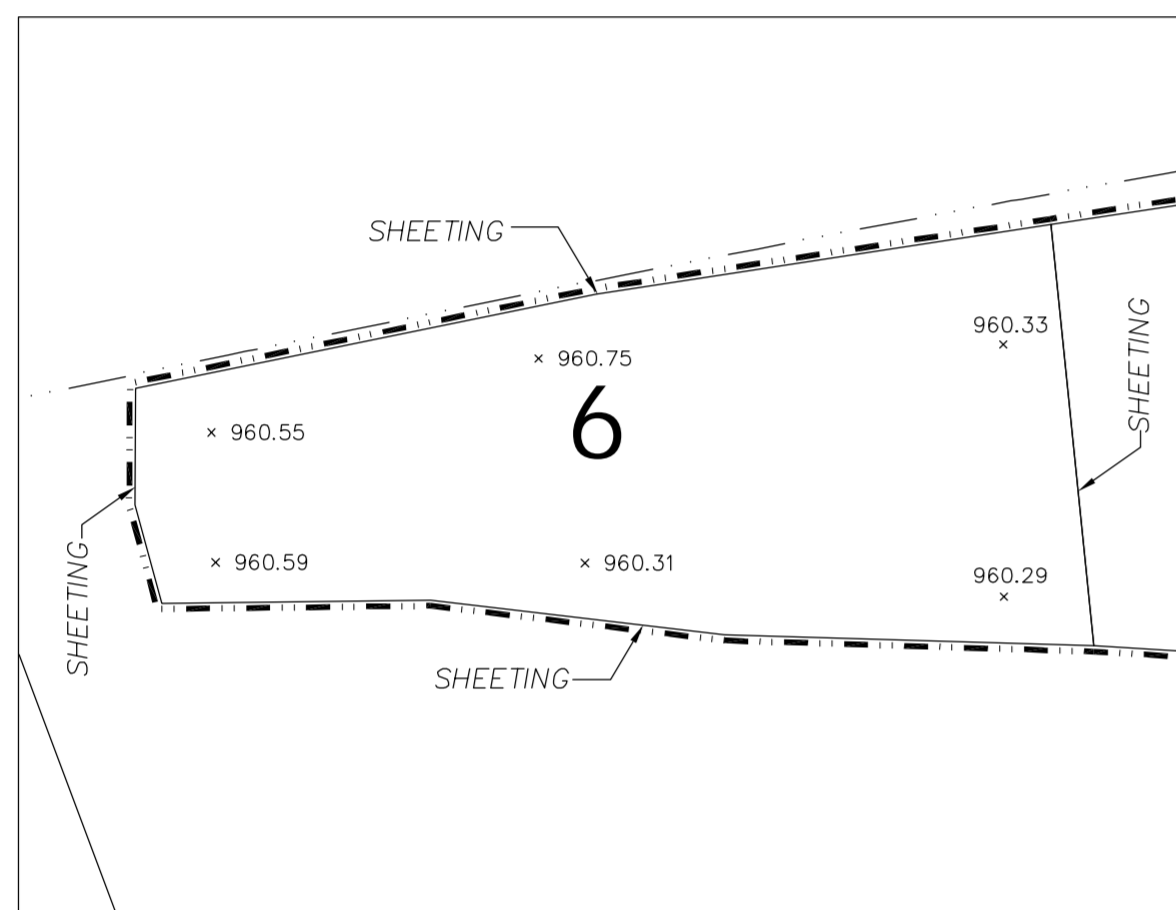
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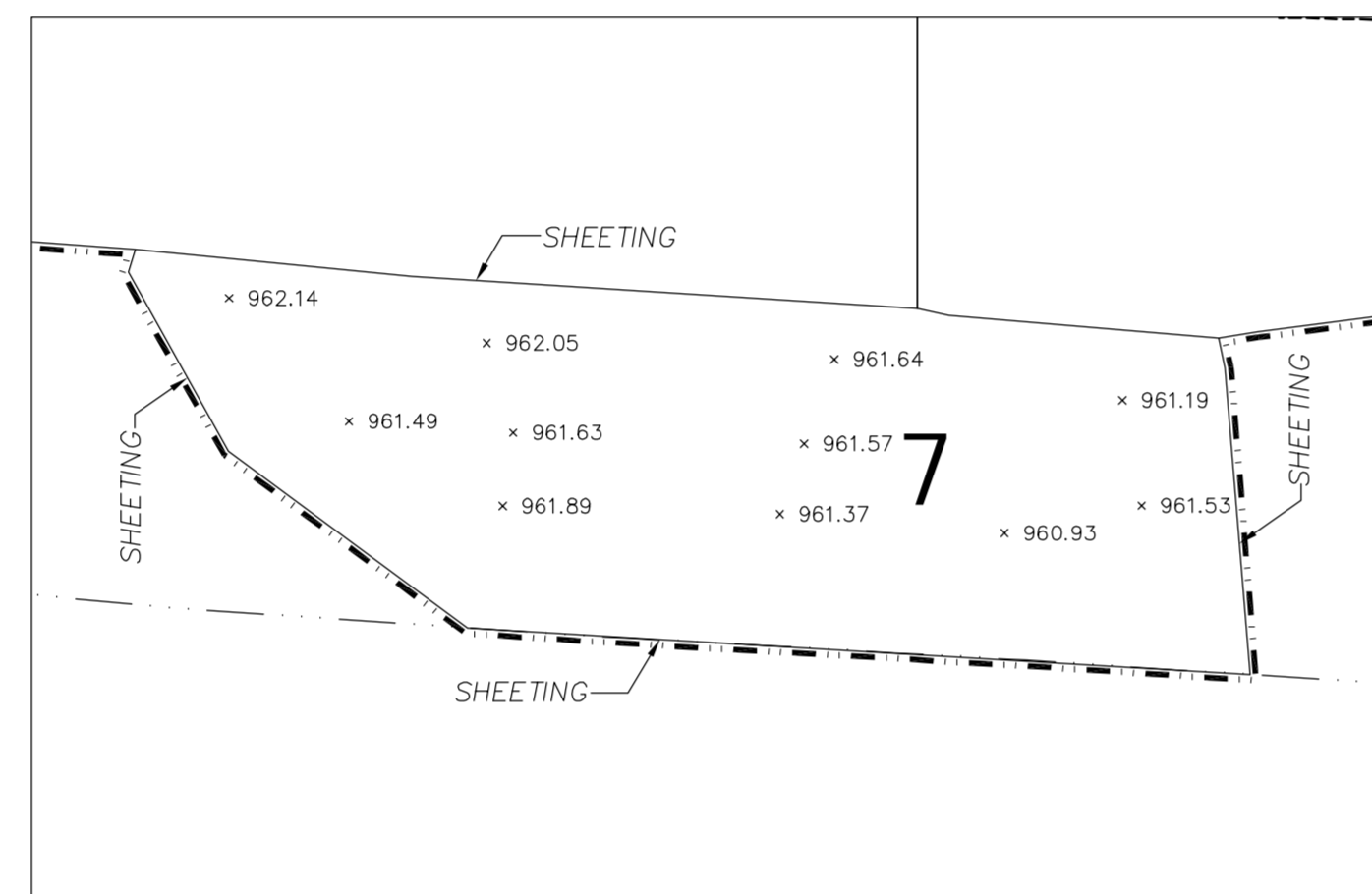
PRE EXCAVATION TOPOGRAPHY



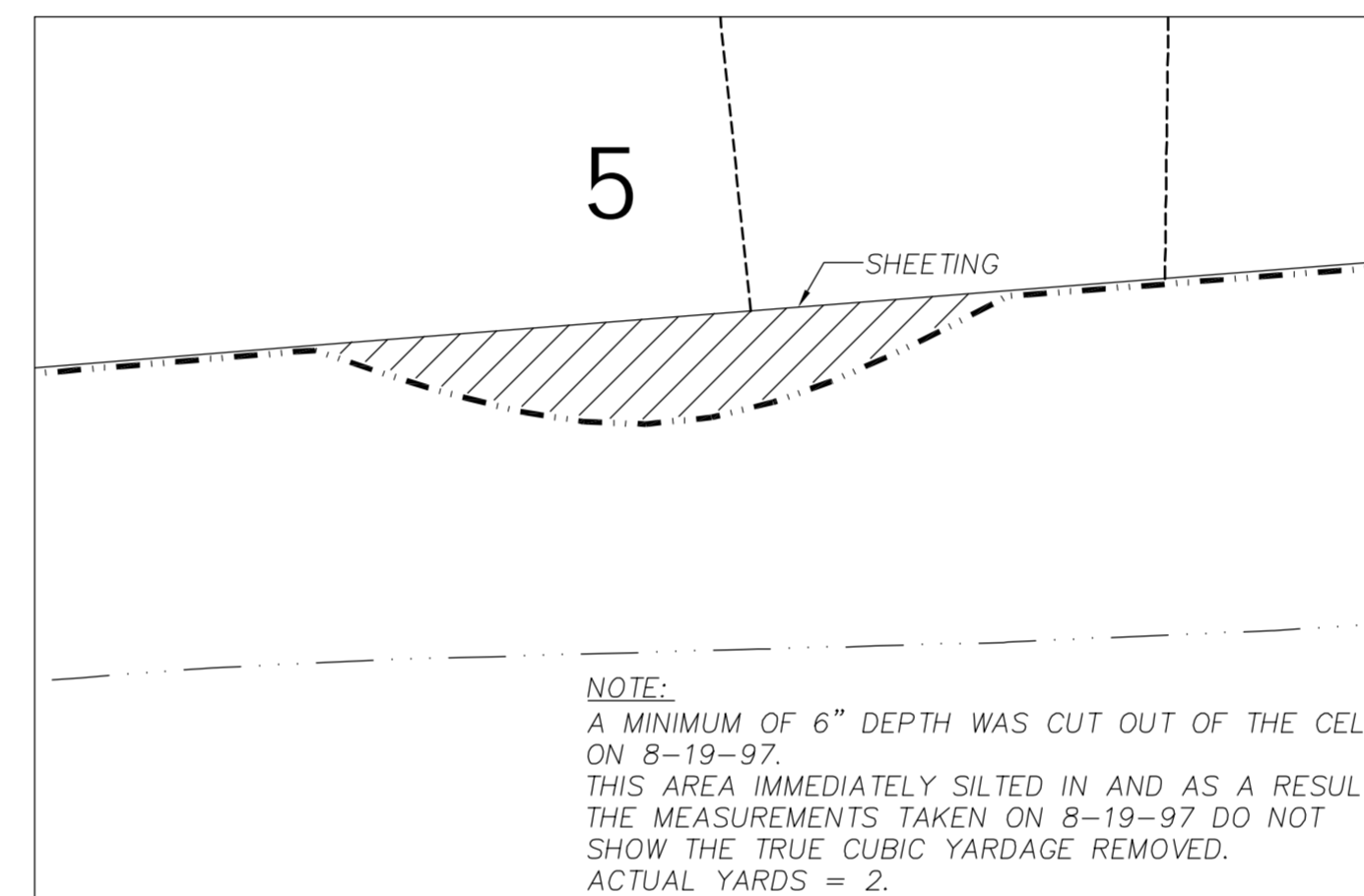
PRE EXCAVATION TOPOGRAPHY



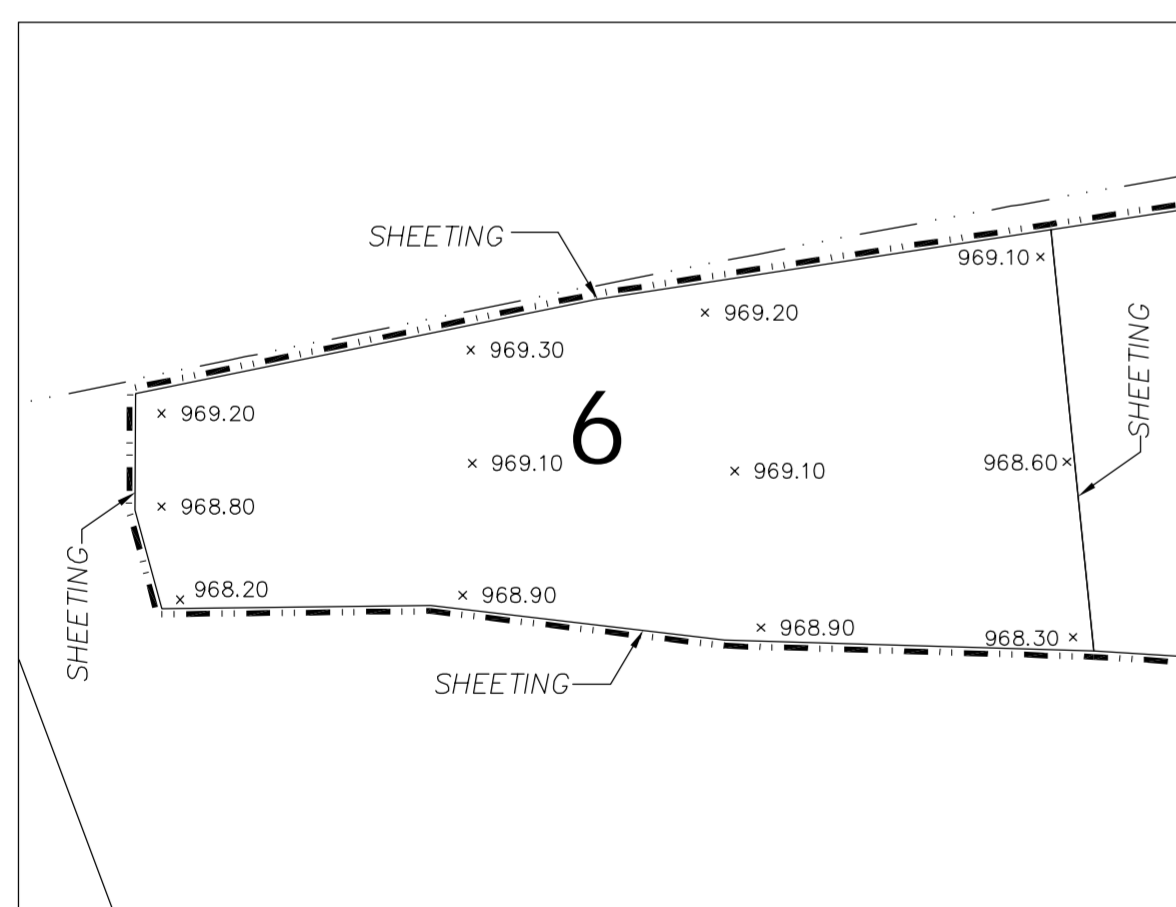
EXCAVATION DATA



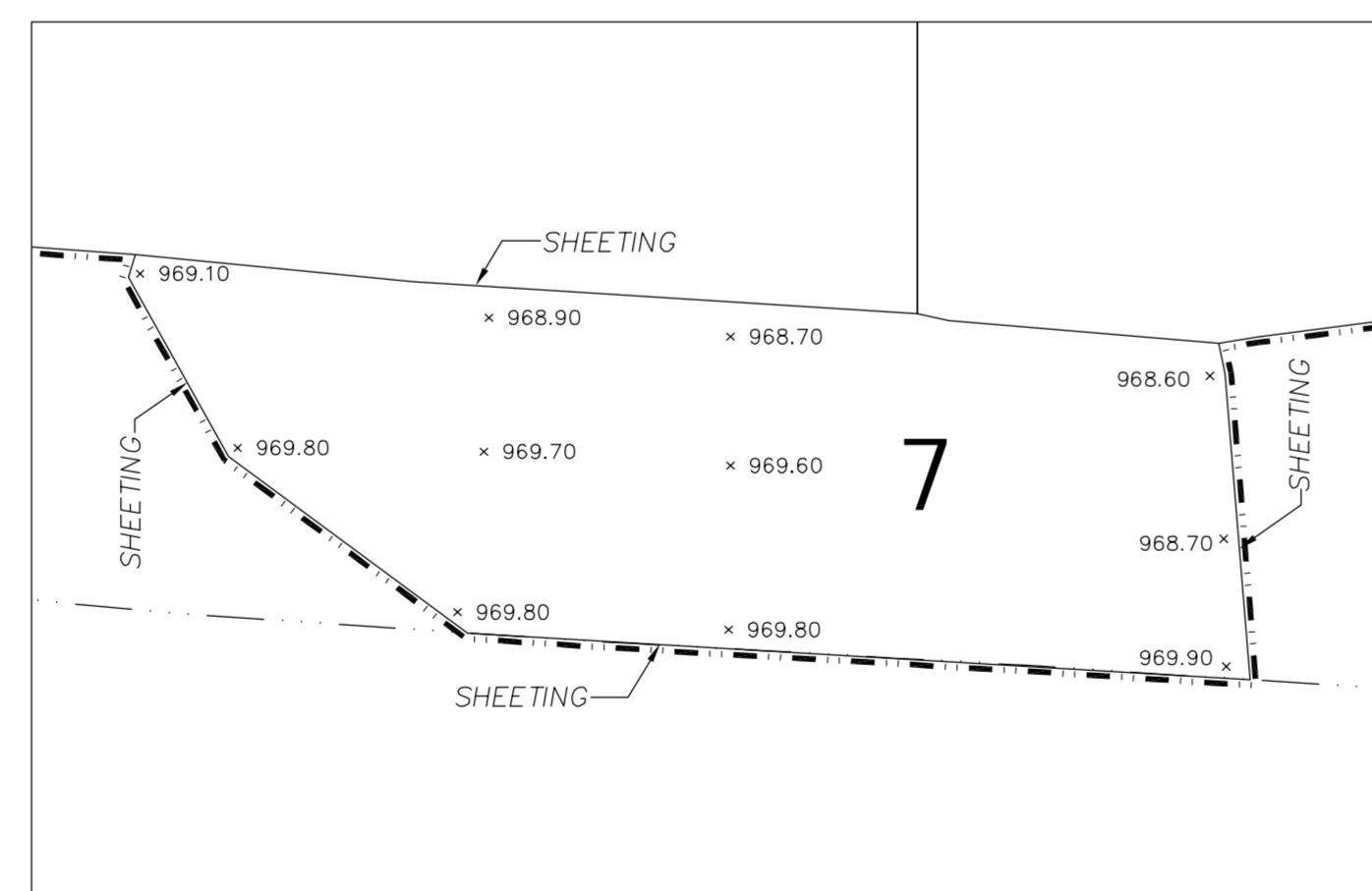
EXCAVATION DATA



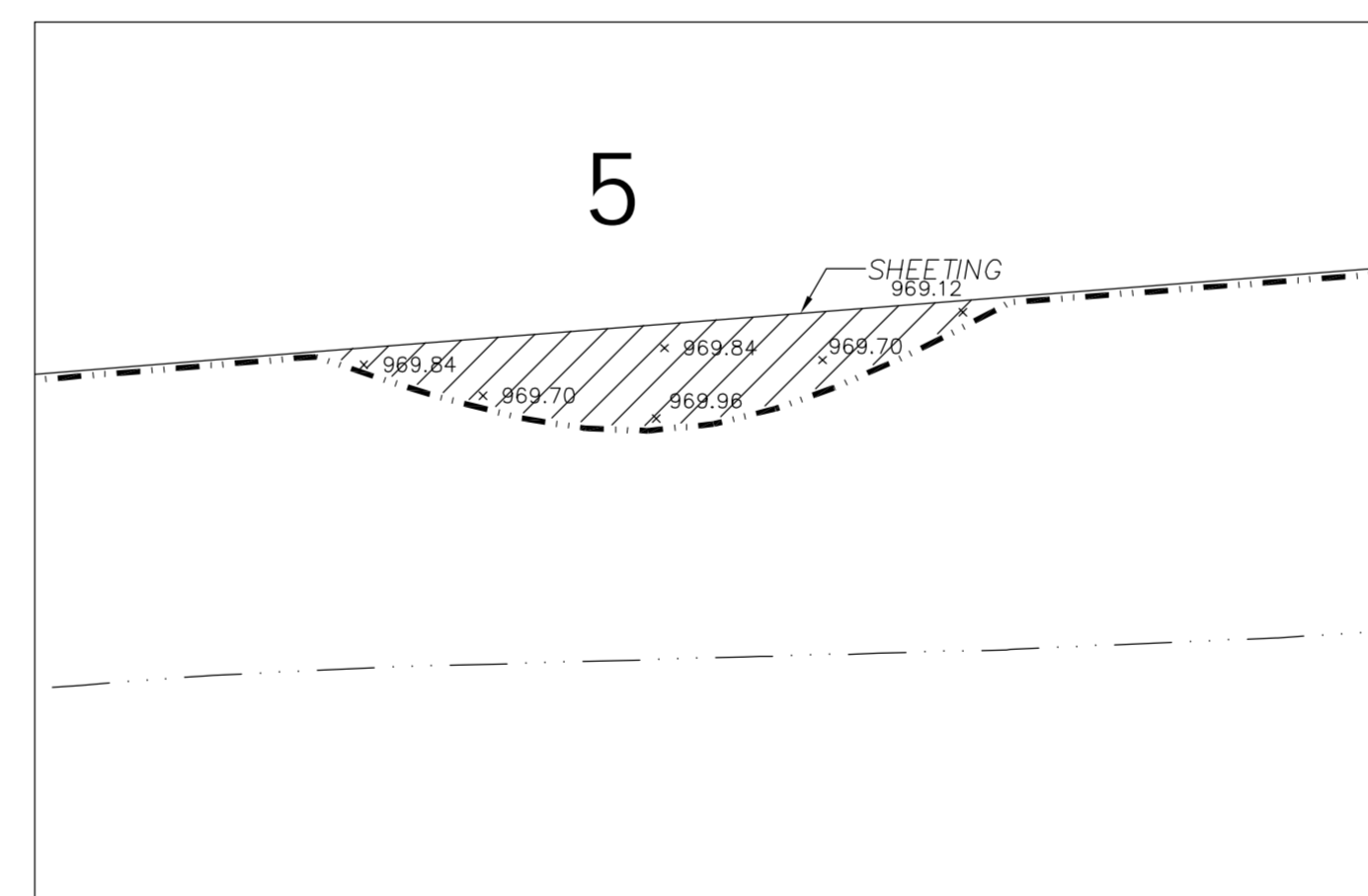
EXCAVATION DATA



AS BUILT RESTORATION



AS BUILT RESTORATION

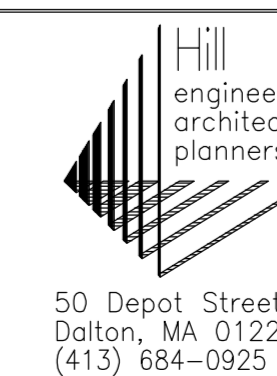


AS BUILT RESTORATION

NOTE:  
SEE KEY PLAN SHEET 1 OF 5 FOR GENERAL ARRANGEMENT

LEGEND:  
 - - - - - LIMITS OF EXCAVATION  
 - - - - - EDGE OF WATER  
 - - - - - STEEL SHEET PILING  
 - - - - - INTERIOR EXCAVATION LIMITS

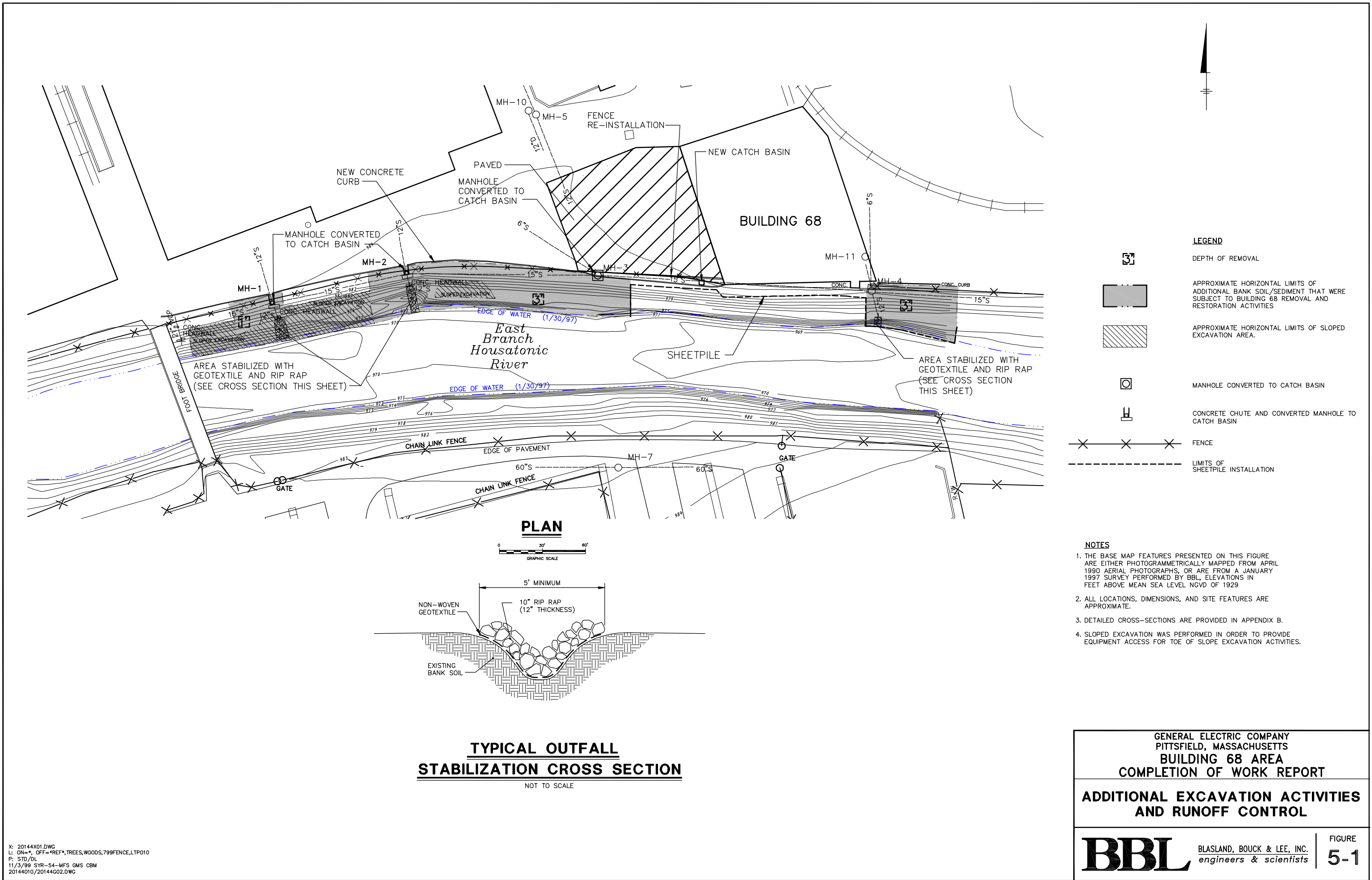
GENERAL ELECTRIC COMPANY PITTSFIELD BUILDING 68 - HOUSATONIC RIVER MASSACHUSETTS					
SCALE	1" = 10'	REV.	DESCRIPTION	DRN	CRN
DATE	12/05/98				
DRN	GW	CRN	BP		
COMP. CODE		BOOK NO.		LOAD CODE	GE1017-1-AB3.DWG
TITLE	AS BUILT EXCAVATION PLAN CELL 6 & 7		NO.	REV.	
					GE1017-1-1AB











**LEGEND**

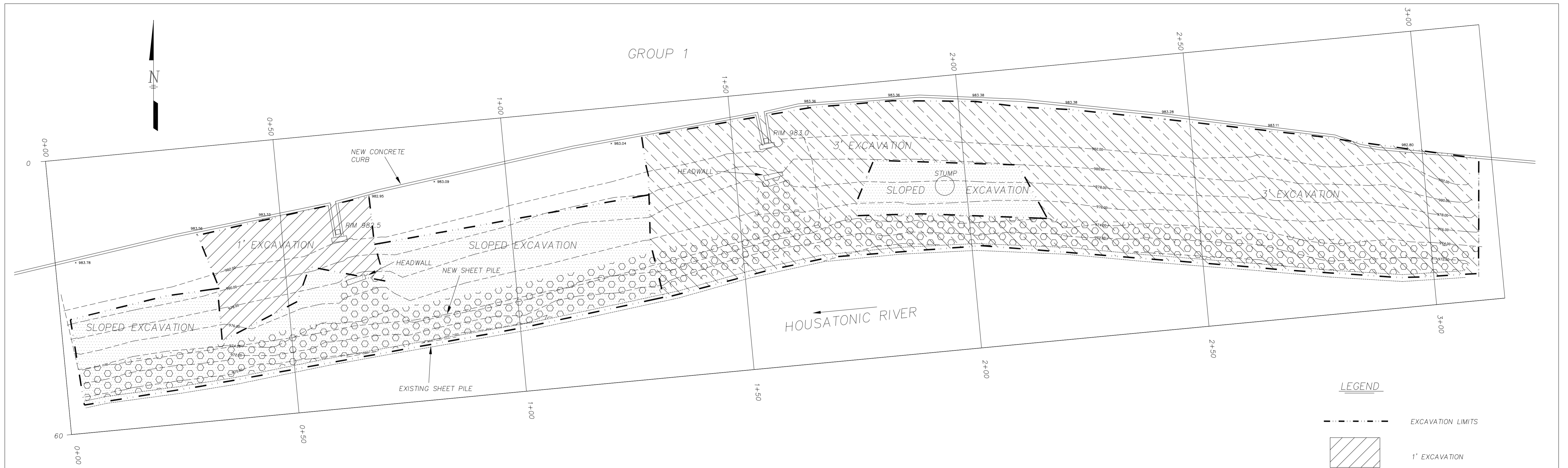
- DEPTH OF REMOVAL
- APPROXIMATE HORIZONTAL LIMITS OF ADDITIONAL BANK SOIL/SEDIMENT THAT WERE SUBJECT TO BUILDING 68 REMOVAL AND RESTORATION ACTIVITIES
- APPROXIMATE HORIZONTAL LIMITS OF SLOPED EXCAVATION AREA.
- MANHOLE CONVERTED TO CATCH BASIN
- CONCRETE CHUTE AND CONVERTED MANHOLE TO CATCH BASIN
- FENCE
- LIMITS OF SHEETPILE INSTALLATION

**NOTES**

1. THE BASE MAP FEATURES PRESENTED ON THIS FIGURE ARE EITHER PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1980 AERIAL PHOTOGRAPHS, OR ARE FROM A JANUARY 1997 SURVEY PERFORMED BY BBL, ELEVATIONS IN FEET ABOVE MEAN SEA LEVEL NGVD OF 1929
2. ALL LOCATIONS, DIMENSIONS, AND SITE FEATURES ARE APPROXIMATE.
3. DETAILED CROSS-SECTIONS ARE PROVIDED IN APPENDIX B.
4. SLOPED EXCAVATION WAS PERFORMED IN ORDER TO PROVIDE EQUIPMENT ACCESS FOR TOE OF SLOPE EXCAVATION ACTIVITIES.

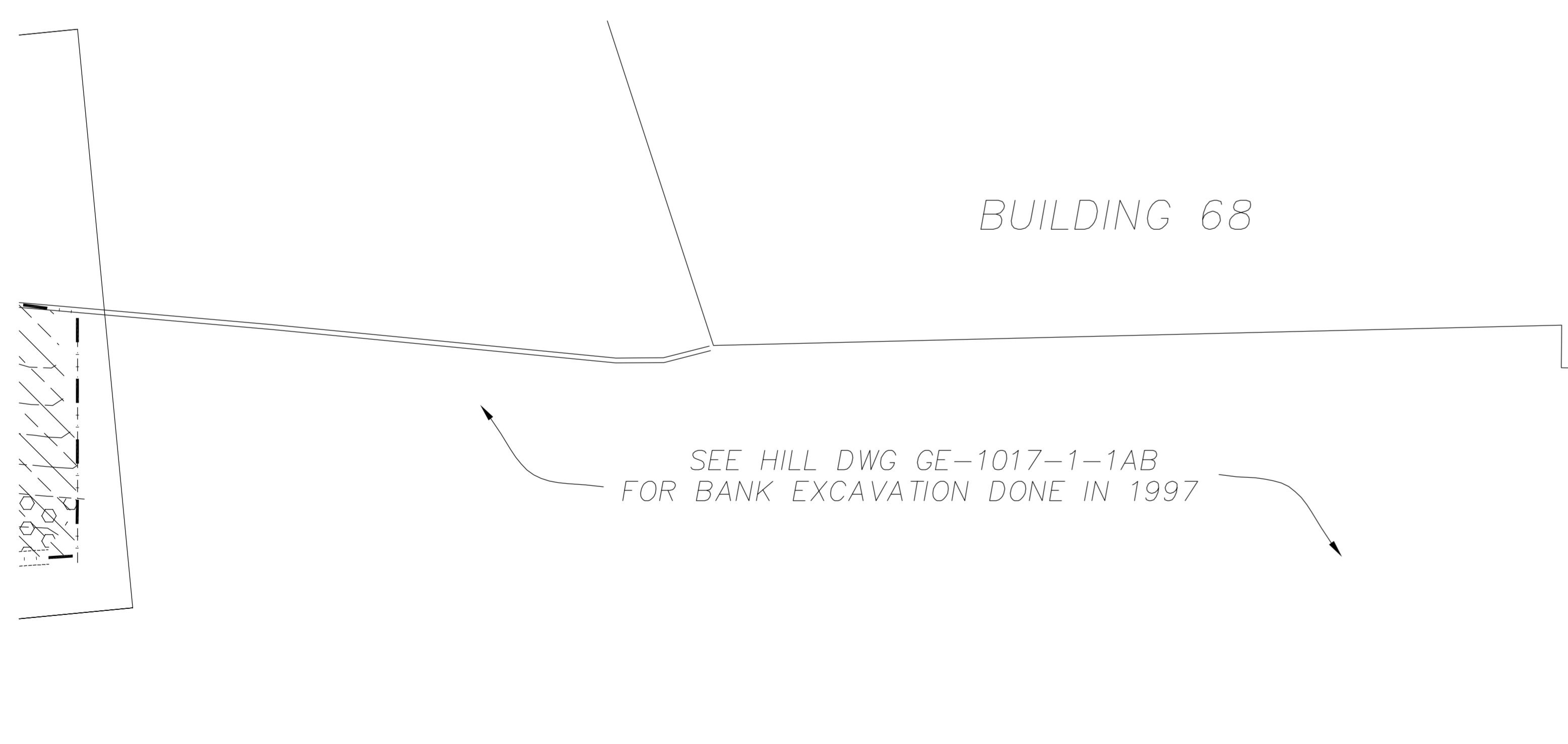
**TYPICAL OUTFALL STABILIZATION CROSS SECTION**

NOT TO SCALE



**LEGEND**

	EXCAVATION LIMITS
	1' EXCAVATION
	RIP-RAP
	3' EXCAVATION
	SLOPED EXCAVATION



SEE HILL DWG GE-1017-1-1AB FOR BANK EXCAVATION DONE IN 1997

SEE AS-BUILT EXCAVATION SECTIONS SHEETS 2, 3, AND 4

**NOTES**

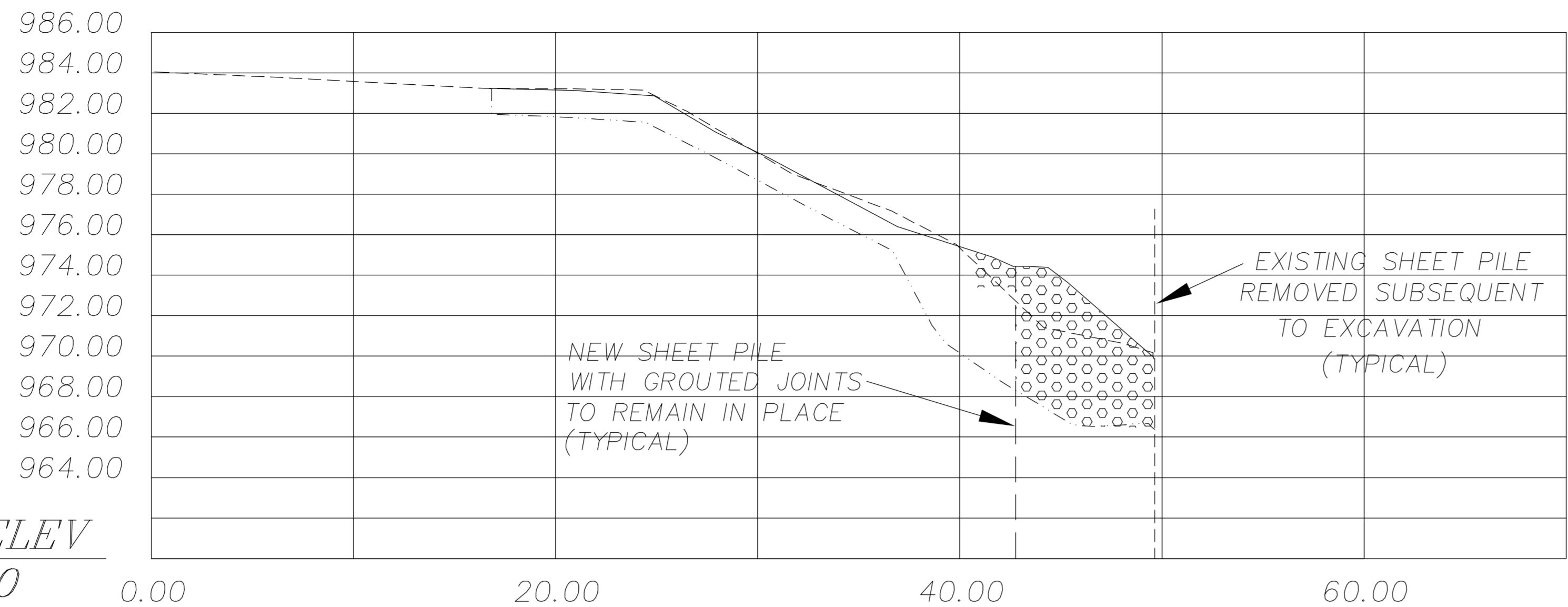
- HORIZONTAL AND VERTICAL CONTROL SUPPLIED BY BLASLAND, BOUCK & LEE.
- FOR REFERENCE SEE PLANS BY BLASLAND, BOUCK & LEE ENTITLED "BUILDING 68 AREA, PROPOSED LIMITS OF BANK REMOVAL", DRAWING NO. 20193B01.DWG AND "BUILDING 68 AREA, ADDITIONAL EXCAVATION ACTIVITIES AND RUNOFF CONTROL" DRAWING NO. 20143G02.DWG.
- PRE-EXCAVATION CONDITIONS SHOWN ARE AS OF NOVEMBER 2, 1998. EXCAVATION OCCURRED FROM NOVEMBER 3 TO DECEMBER 18, 1998. AS-BUILT CONDITIONS SHOWN ARE AS OF DECEMBER 21, 1998.

SHEET 1 OF 4

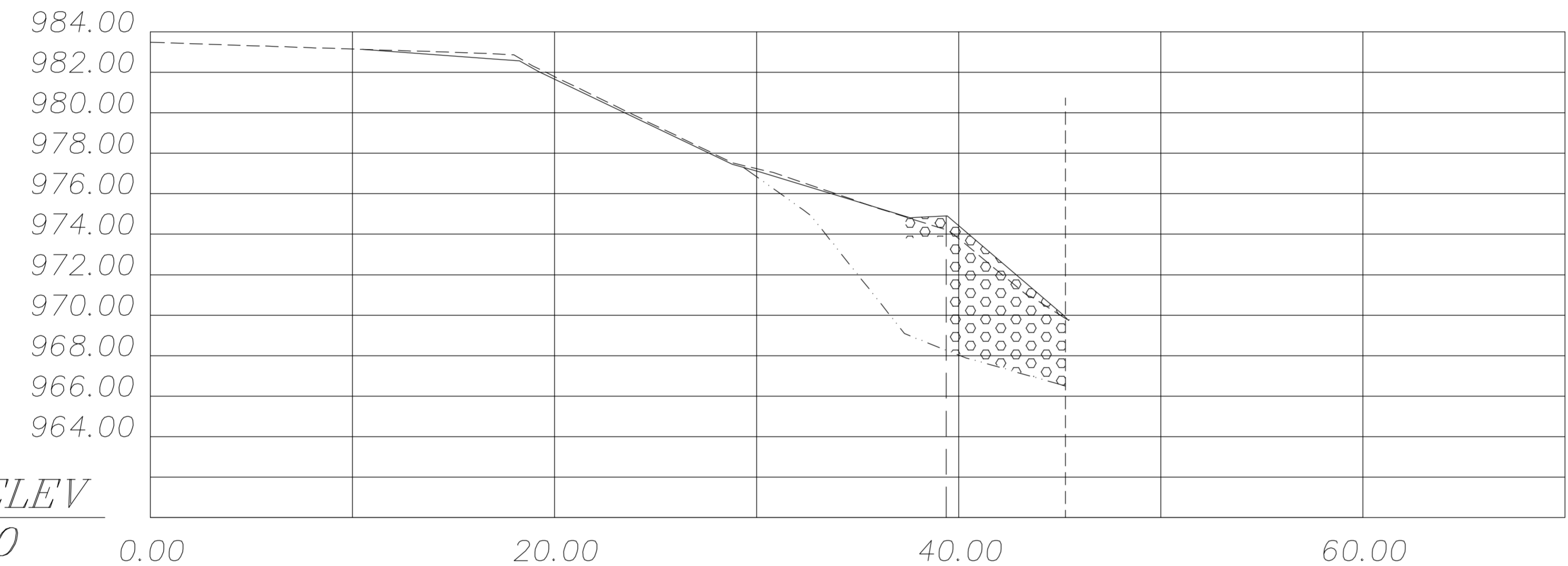
<b>GENERAL ELECTRIC COMPANY</b>						
BANK REMEDIATION - BUILDING 68 - HOUSATONIC RIVER						
PITTSFIELD			MASSACHUSETTS			
SCALE	1" = 10'	REV.	DESCRIPTION	DRN.	CK'D.	DATE
DATE	1/30/99					
DRN.	DH	CK'D.	BP			
AP'VD.						
COMP. CODE		BOOK NO.		CAD CODE	1017-1AB.DWG	
TITLE	AS-BUILT EXCAVATION PLAN		NO.	GE1017-1-2AB		

Hill  
engineers  
architects  
planners

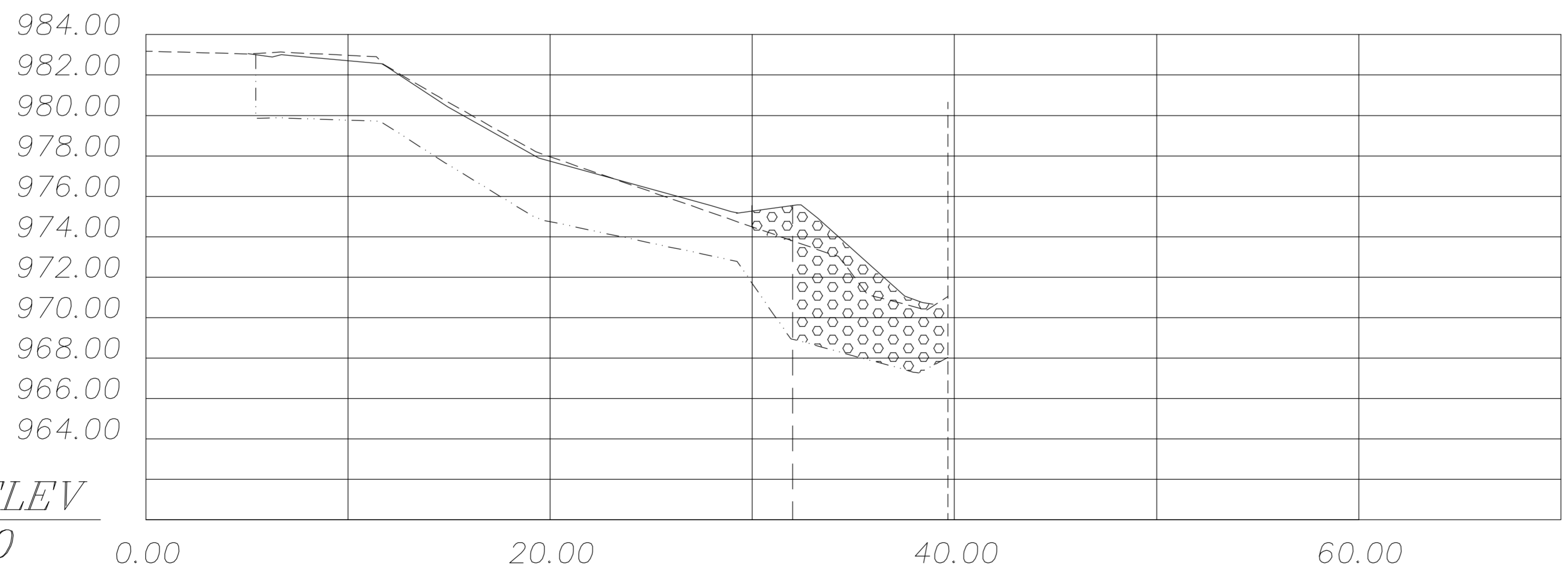
50 Depot Street  
Dalton, MA 01226  
(413) 684-0925



DATUM ELEV  
960.00  
GROUP 1  
SECTION 50



DATUM ELEV  
960.00  
GROUP 1  
SECTION 100

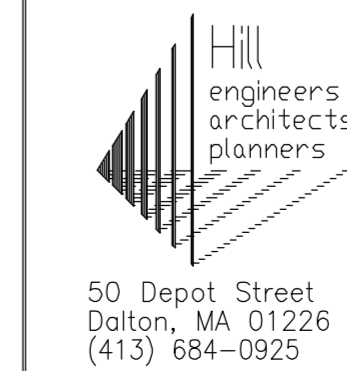


DATUM ELEV  
960.00  
GROUP 1  
SECTION 150

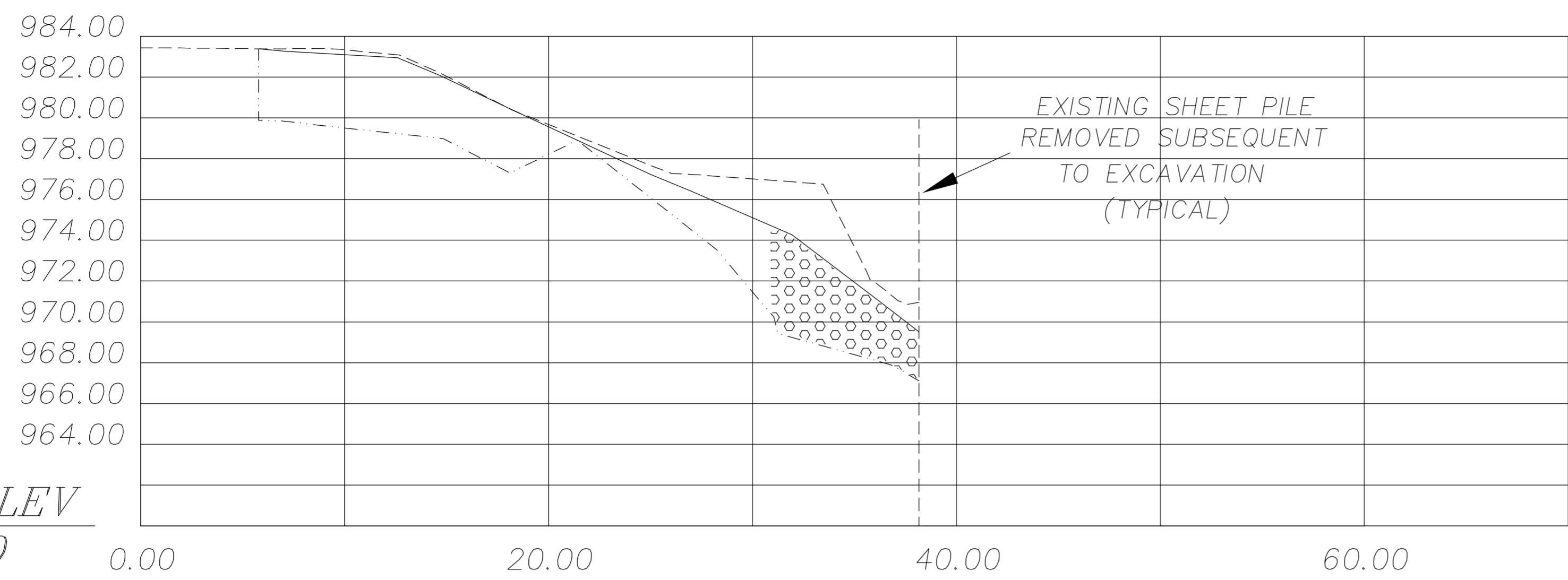
LEGEND

	FINISH GRADE
	ORIGINAL GRADE
	EXCAVATED GRADE
	RIP-RAP

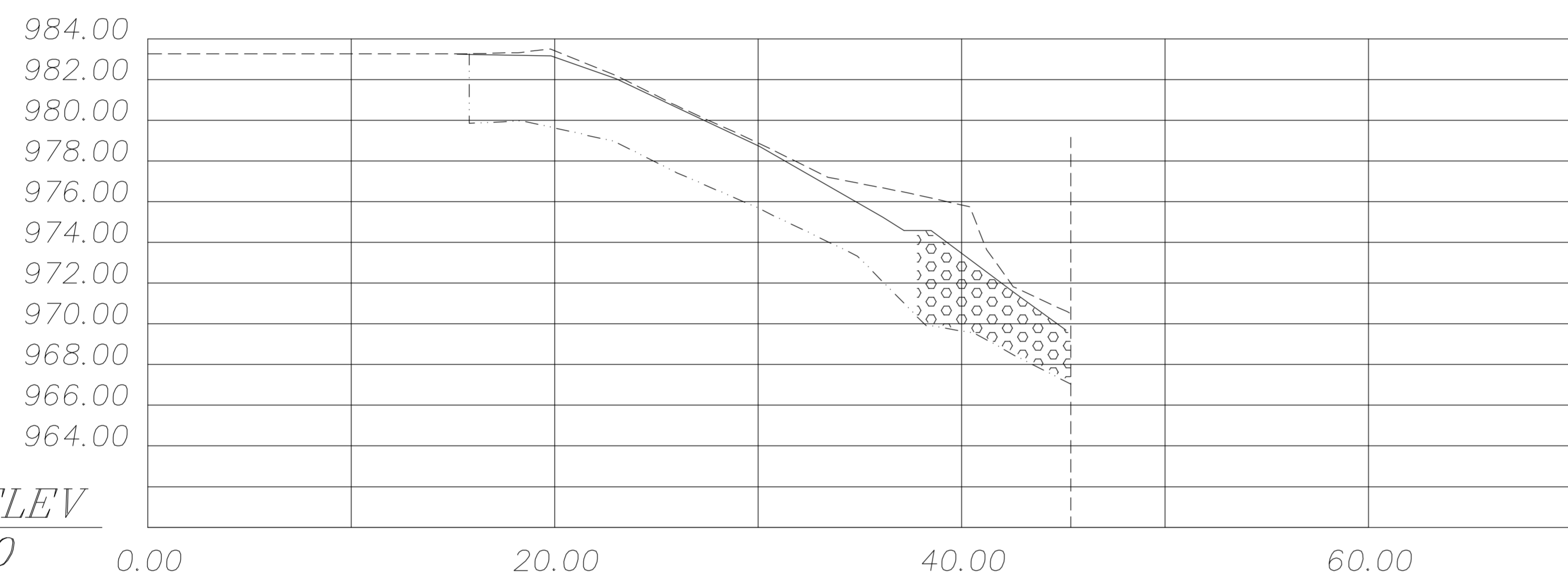
SEE AS-BUILT EXCAVATION PLAN/SECTIONS  
SHEETS 1, 3, AND 4



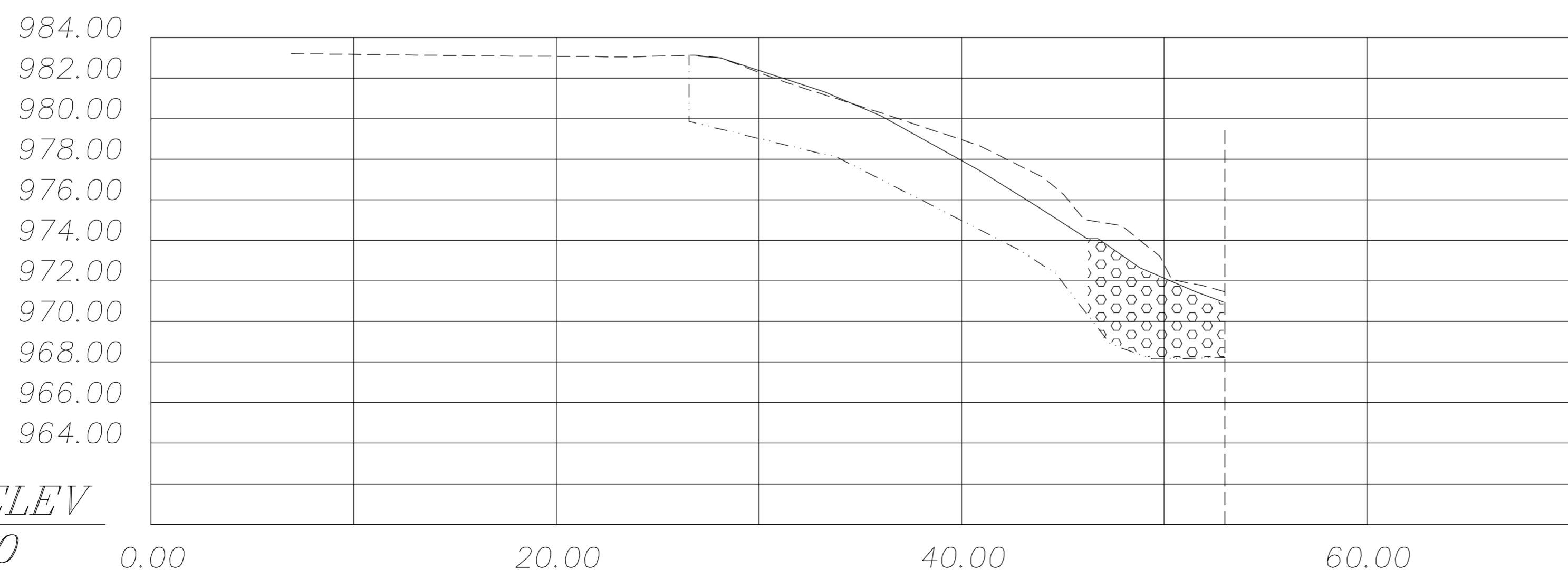
GENERAL ELECTRIC COMPANY					
BANK REMEDIATION - BUILDING 68 - HOUSATONIC RIVER					
PITTSFIELD		MASSACHUSETTS			
SCALE	1" = 5'	REV	DESCRIPTION	DRN	CK'D
DATE	1/30/99				
DRN	DH	CK'D	BP		
AP'VD.	A	GENERAL REVISIONS		FJS	BP
COMP. CODE		BOOK NO.		CAD CODE	1017-1AB.DWG
TITLE	AS-BUILT EXCAVATION SECTIONS		NO.	CE1017-1-2AB	REV.
					A



DATUM ELEV  
960.00  
 GROUP 1  
 SECTION 200



DATUM ELEV  
960.00  
 GROUP 1  
 SECTION 250



DATUM ELEV  
960.00  
 GROUP 1  
 SECTION 300

LEGEND

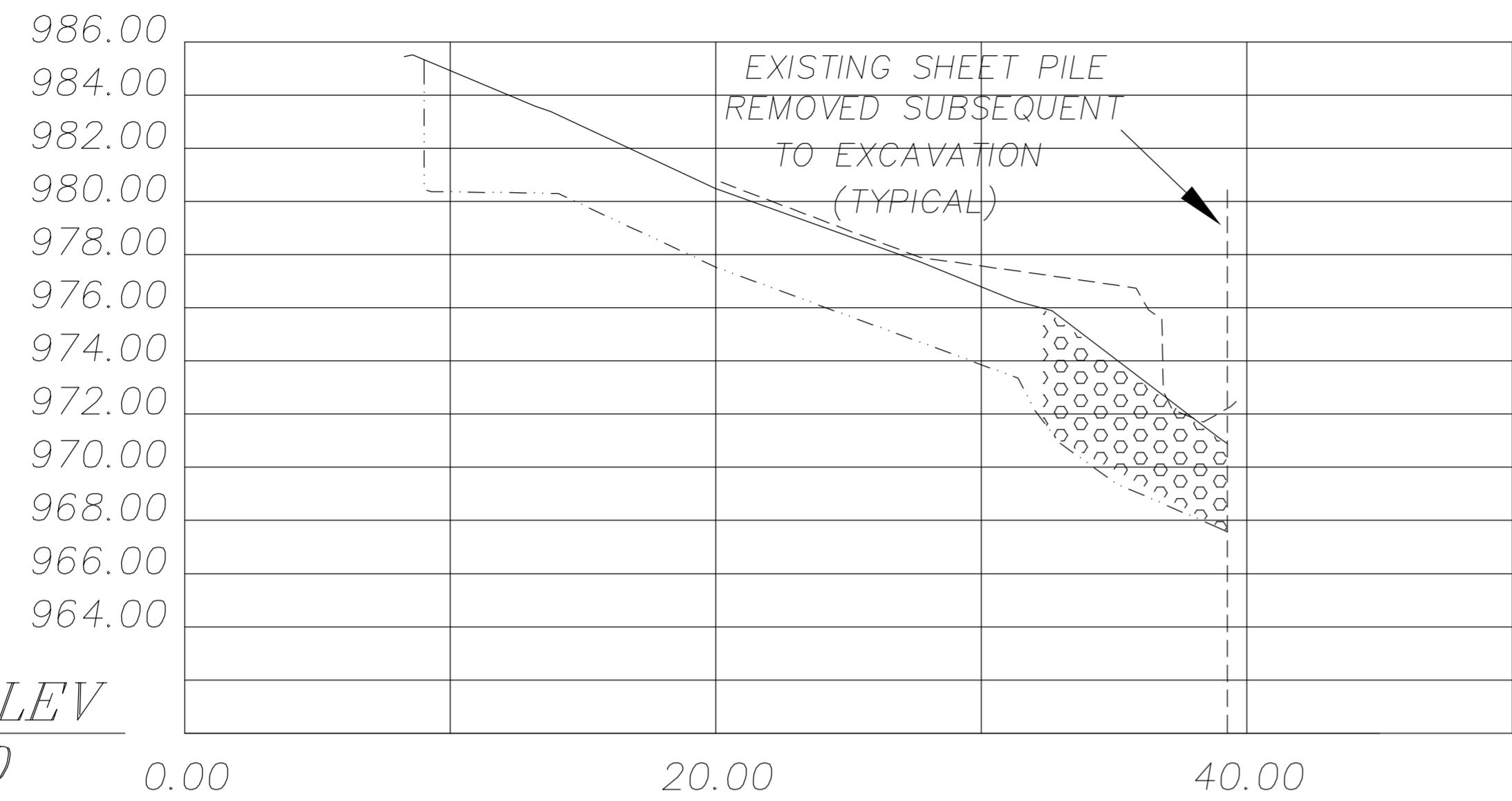
	FINISH GRADE
	ORIGINAL GRADE
	EXCAVATED GRADE
	RIP-RAP

SEE AS-BUILT EXCAVATION PLAN/SECTIONS  
 SHEETS 1, 2, AND 4

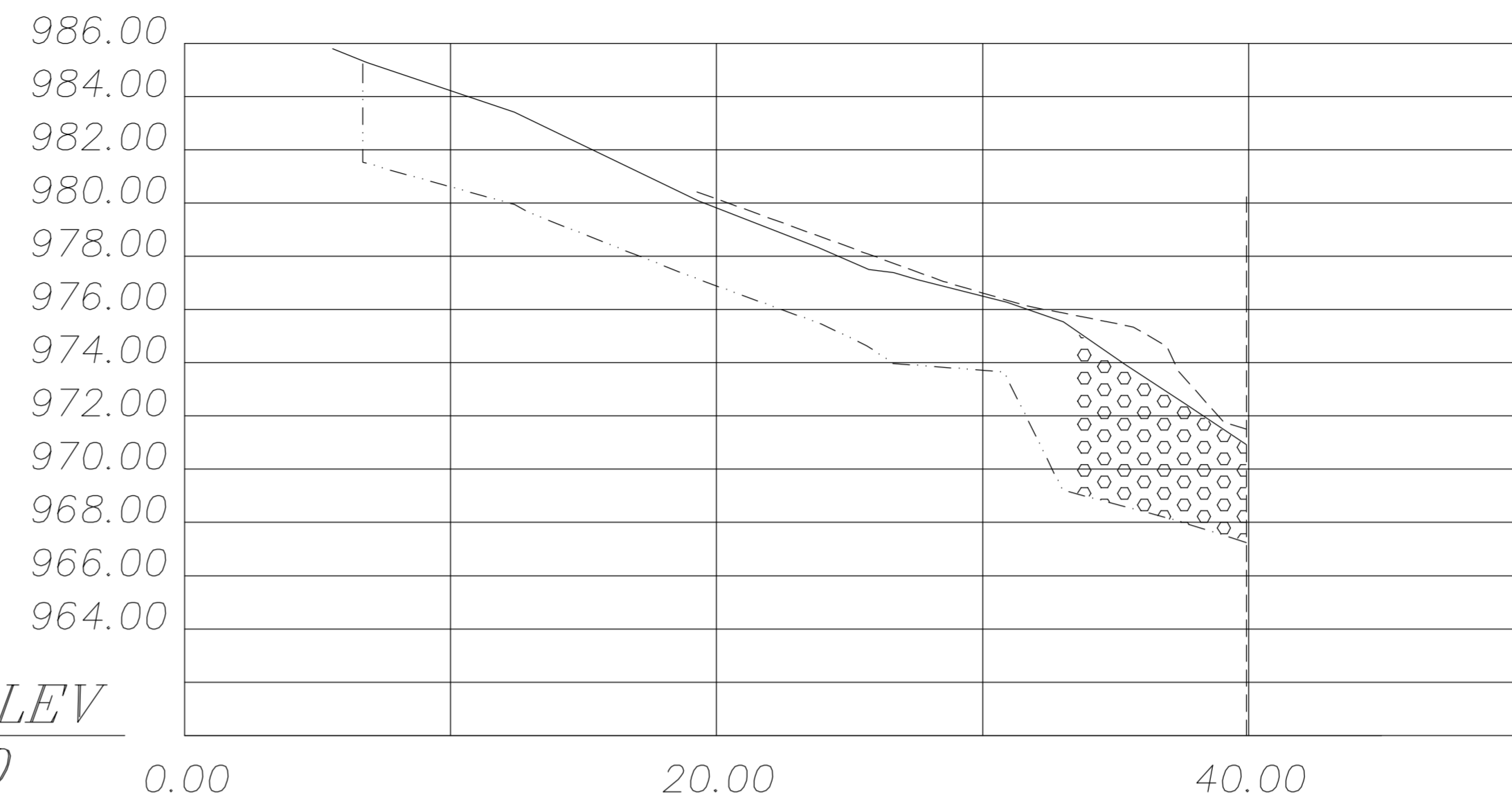
SHEET 3 OF 4



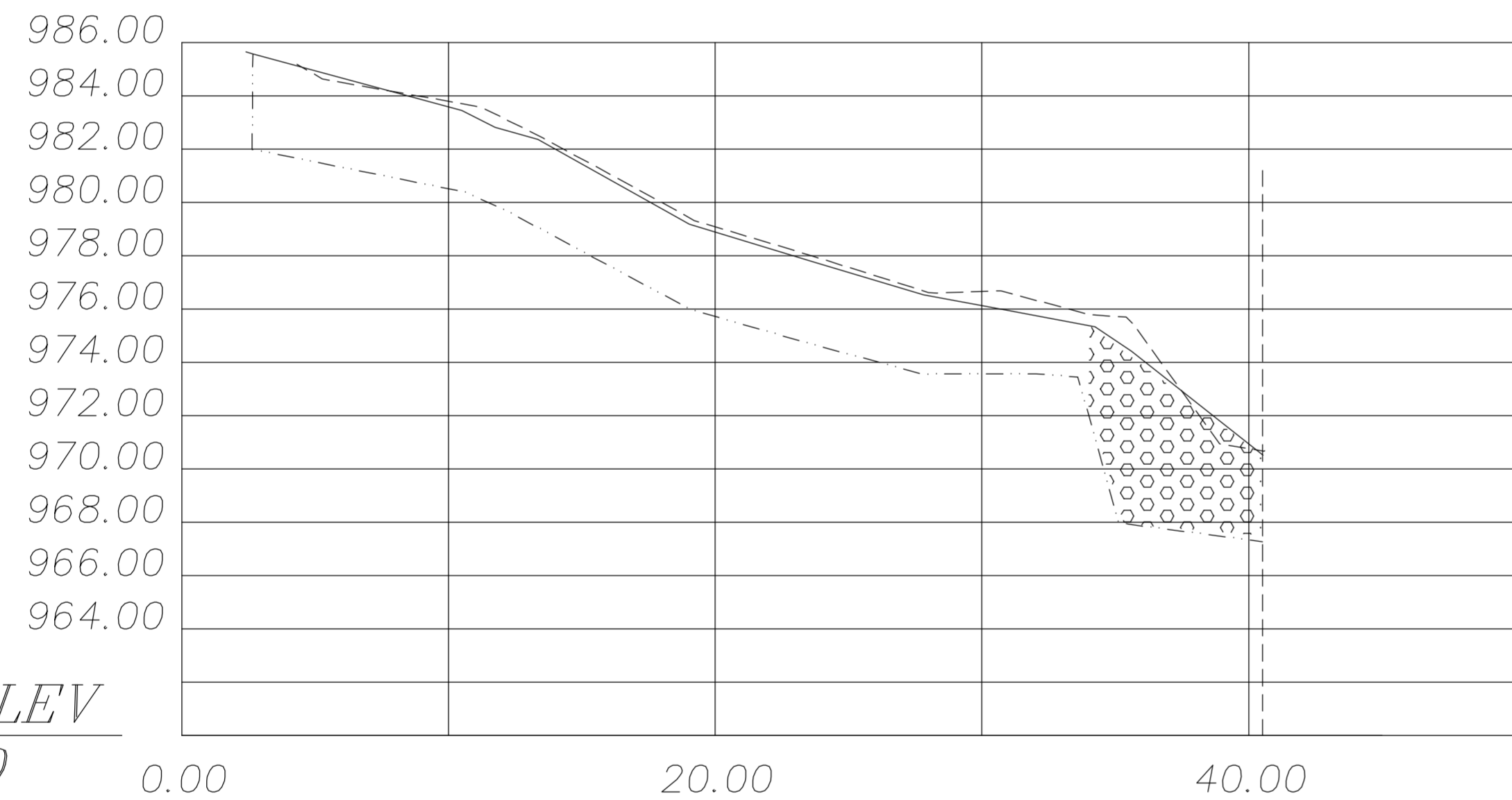
GENERAL ELECTRIC COMPANY						
BANK REMEDIATION - BUILDING 68 - HOUSATONIC RIVER						
PITTSFIELD			MASSACHUSETTS			
SCALE	1" = 5'	REV.	DESCRIPTION	DRN.	CK'D.	DATE
DATE	1/30/99					
DRN.	DH	CK'D.	BP			
AP'VD.	A	GENERAL REVISIONS		FJS	BP	11/3/99
COMP. CODE		BOOK NO.		CAD CODE	1017-1AB.DWG	
TITLE	AS-BUILT EXCAVATION SECTIONS		NO.	GE1017-1-2AB	REV.	A



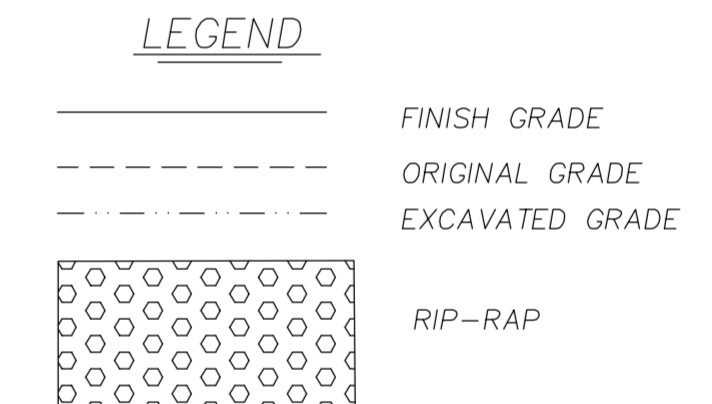
DATUM ELEV  
 960.00  
 GROUP 2  
 SECTION 20



DATUM ELEV  
 960.00  
 GROUP 2  
 SECTION 40



DATUM ELEV  
 960.00  
 GROUP 2  
 SECTION 60



SEE AS-BUILT EXCAVATION PLAN/SECTIONS  
 SHEETS 1, 2, AND 3

<b>GENERAL ELECTRIC COMPANY</b> BANK REMEDIATION - BUILDING 68 - HOUSATONIC RIVER PITTSFIELD MASSACHUSETTS						
SCALE	1" = 5'	REV.	DESCRIPTION	DRN.	CK'D.	DATE
DATE	1/30/99					
DRN.	DH	CK'D.	BP			
AP'VD.	A	GENERAL REVISIONS		FJS	BP	11/3/99
COMP. CODE		BOOK NO.		CAD CODE	1017-1AB.DWG	
TITLE	AS-BUILT EXCAVATION SECTIONS		NO.	GE1017-1-2AB	REV.	A

**Hill**  
 engineers  
 architects  
 planners  
 50 Depot Street  
 Dalton, MA 01226  
 (413) 684-0925

ARCADIS

**Exhibit III**

City Recreational Area  
Remediation



**TABLE III  
CITY RECREATIONAL AREA REMEDIATION  
FLOOD STORAGE ASSESSMENT  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

Activity Performed	Soil Cover Installation Over Ballfield Area	Access Road Installation and Soil Grading	
<b>100-Year Floodplain Elevation (ft AMSL)</b>	991.60	991.60	
<b>Incremental Elevation (ft AMSL)</b>	<b>Change in Flood Storage Capacity (cy)</b>		<b>Total (cy)</b>
<b>Less Than 982</b>	0	0	<b>0</b>
<b>982-983</b>	0	0	<b>0</b>
<b>983-984</b>	0	0	<b>0</b>
<b>984-985</b>	0	0	<b>0</b>
<b>985-986</b>	0	0	<b>0</b>
<b>986-987</b>	0	0	<b>0</b>
<b>987-988</b>	0	1	<b>1</b>
<b>988-989</b>	0	0	<b>0</b>
<b>989-990</b>	0	-2	<b>-2</b>
<b>990-991</b>	-53	-6	<b>-59</b>
<b>991-992</b>	-209	-3	<b>-212</b>
<b>Total (cy)</b>	<b>-262</b>	<b>-10</b>	<b>-272</b>

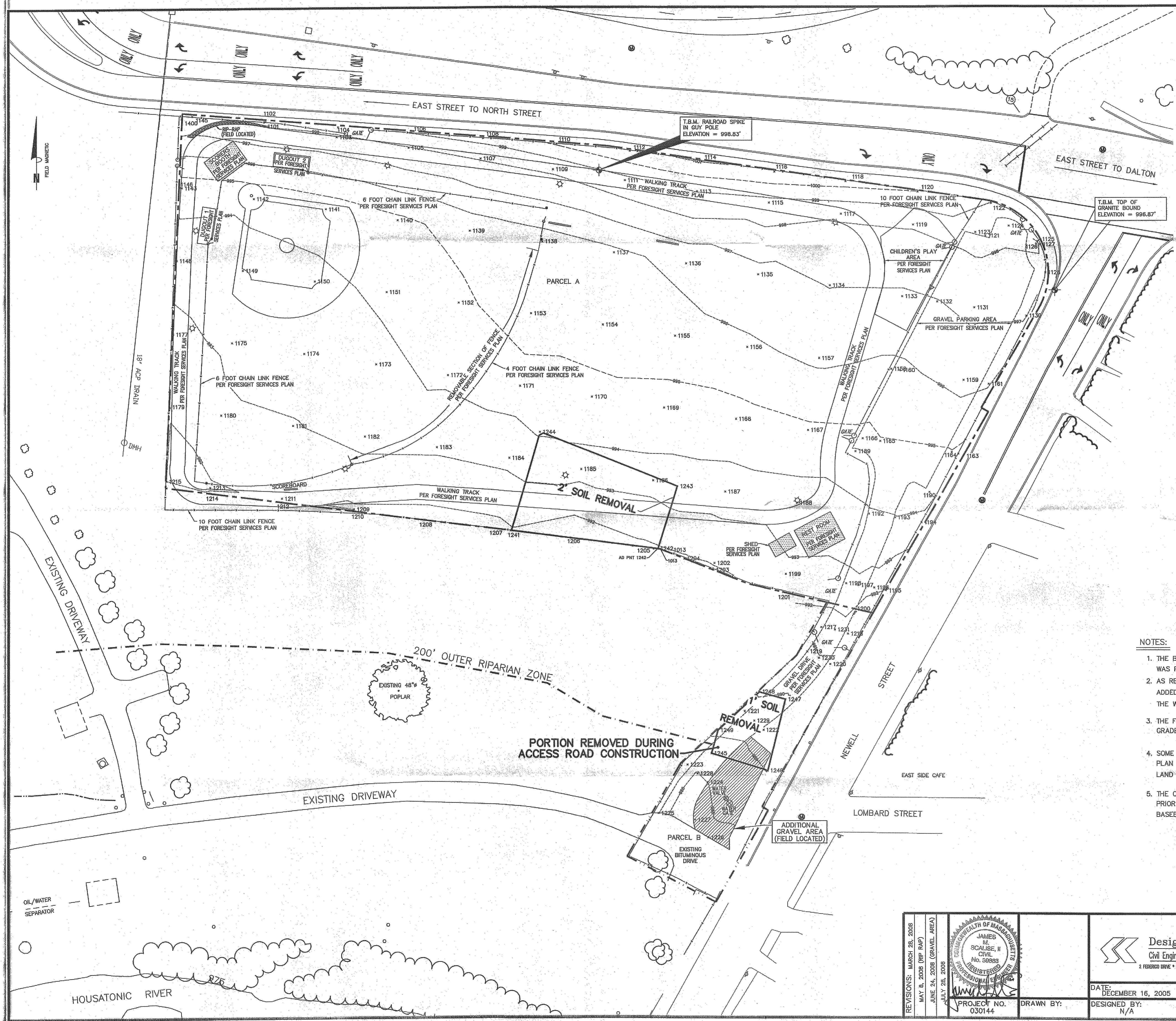
Notes:

1. ft AMSL - feet above mean sea level.
2. cy - cubic yards.
3. Negative numbers represent a loss in flood storage capacity.
4. The volumes indicated above were calculated using Terramodel™ terrain modeling software and are based on a comparison of pre-construction and post-remediation conditions at the City Recreational Area. Pre-construction topography for the Ballfield Area was obtained from a drawing prepared by White Engineering, Inc. entitled "Proposed Athletic Fields Grading and Utility Plan for General Electric Company" (Drawing 00-02-03), included in Attachment F of the *Removal Design/Removal Action Work Plan Addendum for the Future City Recreational Area* (Blasland, Bouck & Lee, Inc. [BBL], April 2003). Pre-construction conditions for the Access Road Area were obtained from the as-built survey drawing prepared by SK Design Group, Inc., included in Appendix E of the *Final Completion Report for the City Recreational Area* (Final Completion Report; ARCADIS, July 2008). Post-remediation topography for both the Ballfield and Access Road Areas was obtained from the as-built survey drawing included in Appendix E of the Final Completion Report.
5. Volumes in the above table are shown to the nearest whole number.









**LEGEND**

	OUTER RIPARIAN ZONE		UTILITY POLE
	EXISTING FENCELINE		EXISTING MANHOLE
	EDGE OF TREELINE		EXISTING SIGN
	EXISTING RAILROAD TRACKS		EXISTING POST
	EXISTING OUTDOOR LIGHTING (PER FORESIGHT SERVICES PLAN)		SURVEY CONTROL POINT
	BALLFIELD AREA / SOIL COVER		EXISTING DRAINAGE STRUCTURE
	ACCESS ROAD AREA		

- NOTES:**
1. THE BASE OF THIS PLAN INCLUDING MUCH OF THE BASE LINE WORK (EXCEPT LAYOUT GRID) WAS PREPARED BY WHITE ENGINEERING.
  2. AS REQUESTED BY BLASLAND, BOUCK, AND LEE, INC.(NOW ARCADIS) , SK DESIGN GROUP, INC. ADDED THE FINAL GRADE SHOTS TO ACT AS A RECORD MANUSCRIPT OF THE WORK.
  3. THE FINAL GRADES WERE MEASURED ON NOVEMBER 10, 2003. THE ADDITIONAL GRAVEL AREA GRADES WERE MEASURED ON JUNE 19, 2008.
  4. SOME FEATURES (SUCH AS GATES, FENCES, WALKING TRACK) INDICATED ON THIS PLAN WERE INSERTED FROM A PLAN PREPARED BY FORESIGHT LAND SERVICES AS REQUESTED BY ARCADIS/ BBL.
  5. THE CONTOURS INDICATED ON THIS PLAN REFLECT THE FINISHED GRADE OF THE TOP SOIL PRIOR TO THE FINAL IMPROVEMENTS BEING INSTALLED (SUCH AS THE WALKING TRACK AND BASEBALL FIELD /MOUND.)

REVISIONS: MARCH 28, 2008 MAY 8, 2008 (RP RAP) JUNE 24, 2008 (GRAVEL AREA) JULY 28, 2008		PROJECT NO. 030144	DRAWN BY:	DATE: DECEMBER 16, 2005	SCALE: 1" = 30'	MANUSCRIPT OF <b>FINAL GRADE SHOTS</b> PREPARED FOR <b>BLASLAND, BOUCK, &amp; LEE, INC.</b> EAST AND NEWELL STREETS PITTSFIELD, MASSACHUSETTS	DWG. NO. <b>1</b> OF <b>1</b>
				DESIGNED BY: N/A	APPROVED BY:		

ARCADIS

**Exhibit IV**

60s Complex Building Demolition  
(Completed and Ongoing/Future  
Building Demolition)

**TABLE IV-A  
60s COMPLEX BUILDING DEMOLITION (COMPLETED BUILDING DEMOLITION)**

**FLOOD STORAGE ASSESSMENT  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

Building	61	61A	61J	61R	61S	62	64Y	66	66A	66B	67	
Footprint (ft <sup>2</sup> )	61,688	307	1,074	648	191	11,241	1,257	55,399	15,989	12,067	1,445	
At-Grade Slab Elevation (ft AMSL)	984.82	985.00	984.77	985.50	986.70	985.01	987.00	989.14	985.04	989.14	987.63	
100-Year Floodplain Elevation (ft AMSL)	990.50	990.50	990.50	990.50	990.50	990.50	991.60	990.50	990.50	990.50	990.50	
Incremental Elevation (ft AMSL)	<b>Change in Flood Storage Capacity (cy)</b>											<b>Total (cy)</b>
Less Than 982	0	0	0	0	0	0	0	0	0	0	0	0
982-983	0	0	0	0	0	0	0	0	0	0	0	0
983-984	0	0	0	0	0	0	0	0	0	0	0	0
984-985	163	0	9	0	0	0	0	0	0	0	0	172
985-986	2,073	11	40	12	0	412	0	0	371	0	0	2,919
986-987	2,285	11	40	24	2	416	0	0	465	0	0	3,244
987-988	2,285	11	40	24	7	416	47	0	487	0	20	3,337
988-989	2,285	11	40	24	7	416	47	0	526	0	54	3,409
989-990	2,285	11	40	24	7	416	47	1,081	592	235	54	4,792
990-991	1,142	6	20	12	4	208	47	967	296	223	27	2,951
991-992	0	0	0	0	0	0	28	0	0	0	0	28
<b>Total (cy)</b>	<b>12,517</b>	<b>62</b>	<b>228</b>	<b>120</b>	<b>27</b>	<b>2,286</b>	<b>214</b>	<b>2,048</b>	<b>2,737</b>	<b>459</b>	<b>154</b>	<b>20,851</b>

Notes:

1. ft<sup>2</sup> - square feet.
2. ft AMSL - feet above mean sea level.
3. cy - cubic yards.
4. Unless otherwise noted, calculations assume that floor slabs remain and no other site work has been conducted which would result in changes to flood storage capacity.
5. Building footprints and volumes in the above table are shown to the nearest whole number.
6. Building footprints were surveyed by White Engineering, Inc.
7. At-grade slab elevations for Buildings 61A, 61R, and 61S were estimated based on topography provided by White Engineering, Inc. At-grade slab elevations for all other buildings (i.e., 61, 61J, 62, 64Y, 66, 66A, 66B, and 67) were surveyed by White Engineering, Inc.
8. Shading indicates incremental volumes that incorporate the placement of four inches of soil over the foundation (or a portion of the foundation) of a given building.
9. The incremental volumes for Buildings 66, 66A, and 66B incorporate the placement of additional fill (beyond that identified in Note 8 above) over the foundations of these buildings to match surrounding grades.



**TABLE IV-B  
60s COMPLEX BUILDING DEMOLITION (ONGOING/FUTURE BUILDING DEMOLITION)**

**FLOOD STORAGE ASSESSMENT  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

<b>Building</b>	<b>63</b>	<b>63X</b>	<b>65</b>	
<b>Footprint (ft<sup>2</sup>)</b>	36,400	24,431	19,241	
<b>At-Grade Slab Elevation (ft AMSL)</b>	984.76	984.76	985.00	
<b>100-Year Floodplain Elevation (ft AMSL)</b>	990.50	990.50	990.50	
<b>Incremental Elevation (ft AMSL)</b>	<b>Change in Flood Storage Capacity (cy)</b>			<b>Total (cy)</b>
<b>Less Than 982</b>	0	0	0	<b>0</b>
<b>982-983</b>	0	0	0	<b>0</b>
<b>983-984</b>	0	0	0	<b>0</b>
<b>984-985</b>	316	29	0	<b>344</b>
<b>985-986</b>	1,345	832	475	<b>2,652</b>
<b>986-987</b>	1,348	905	713	<b>2,966</b>
<b>987-988</b>	1,348	905	713	<b>2,966</b>
<b>988-989</b>	1,348	905	713	<b>2,966</b>
<b>989-990</b>	1,348	905	713	<b>2,966</b>
<b>990-991</b>	674	452	356	<b>1,483</b>
<b>991-992</b>	0	0	0	<b>0</b>
<b>Total (cy)</b>	<b>7,727</b>	<b>4,932</b>	<b>3,682</b>	<b>16,341</b>

**Notes:**

1. ft<sup>2</sup> - square feet.
2. ft AMSL - feet above mean sea level.
3. cy - cubic yards.
4. Calculations assume that floor slabs remain and no other site work has been conducted which would result in changes to flood storage capacity.
5. Building footprints and volumes in the above table are shown to the nearest whole number.
6. Building footprints and at-grade slab elevations were surveyed by White Engineering, Inc.
7. Shading indicates incremental volumes that incorporate the placement of four inches of soil over the foundation (or a portion of the foundation) of a given building.





ARCADIS

**Exhibit V**

Upper ½-Mile Reach Removal  
Action

**TABLE V**  
**UPPER ½-MILE REACH REMOVAL ACTION**  
**FLOOD STORAGE ASSESSMENT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

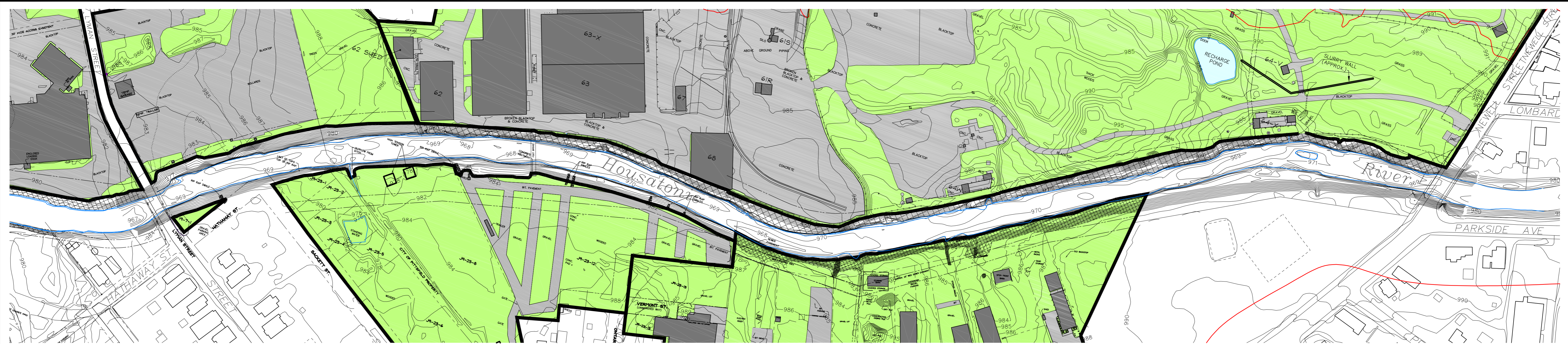
Activity Performed	River Channel/Riverbank Remediation <sup>5</sup>	Riverbank Restoration <sup>6</sup>	
100-Year Floodplain Elevation (ft AMSL)	990.50	990.50	
Incremental Elevation (ft AMSL)	<b>Change in Flood Storage Capacity (cy)</b>		<b>Total (cy)</b>
966-967	3	0	3
967-968	42	0	42
968-969	154	0	154
969-970	201	0	201
970-971	47	0	47
971-972	-41	0	-41
972-973	-39	0	-39
973-974	-43	0	-43
974-975	-15	0	-15
975-976	17	0	17
976-977	-12	0	-12
977-978	-27	0	-27
978-979	-22	0	-22
979-980	-12	0	-12
980-981	-18	0	-18
981-982	-20	12	-8
982-983	-20	0	-20
983-984	-18	0	-18
984-985	0	0	0
985-986	0	0	0
986-987	0	0	0
987-988	0	0	0
988-989	0	0	0
989-990	0	0	0
990-991	0	0	0
991-992	0	0	0
<b>Total (cy)</b>	<b>176</b>	<b>12</b>	<b>188</b>

Notes:

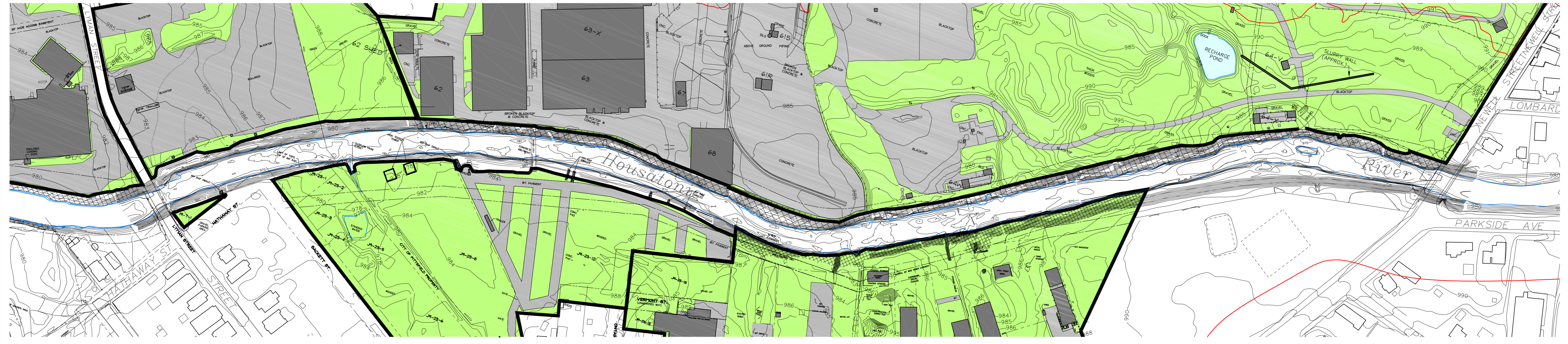
1. ft AMSL - feet above mean sea level.
2. cy - cubic yards.
3. Negative numbers represent a loss in flood storage capacity.
4. Volumes in the above table are shown to the nearest whole number.
5. The volumes indicated above for river channel/riverbank remediation were calculated using Terramodel™ terrain modeling software and are based on a comparison of pre- and post-remediation conditions within the Upper ½-Mile Reach of Housatonic River. Pre-remediation topography was presented in the *Removal Action Work Plan - Upper ½-Mile Reach of Housatonic River* (Blasland, Bouck & Lee, Inc. [BBL], August 1999) and post-remediation topography was surveyed by SK Design Group, Inc.
6. The volume indicated above for riverbank restoration was taken from Table 2 (2006 Removal Action Flood Storage Compensation Summary) of the *2006 Bank Erosion Inspection Report (Revised) for the Upper ½-Mile Reach Removal Action* (letter report from GE to EPA dated April 6, 2007) and is based on conservative field observations made during the 2006 erosion inspection.










CITY:SYR DIV:GROUP:ENV141 DB:DMW LD:DMW PIC:DRR PM:GRA TM:MBJ LYR:OFF:ONH OFF:REF  
 V:ENVCAD:SYRACUSE:ACT:TNB0010111000000005:DWG:G2ND ADD:FSA10111G04:DWG LAYOUT: V\_SAVED: 4/15/2009 12:21 PM ACADVER: 17.0S (LWS TECH) PAGES: 17 PLOTTED: 4/16/2009 12:59 PM BY: POSEMAUER, LISA

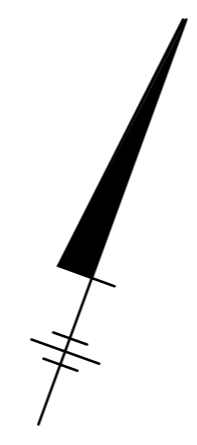


**PRE-REMEDATION CONDITIONS (SEE NOTE 5)**

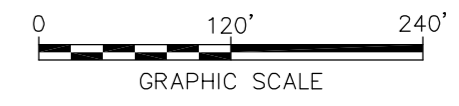


**POST-REMEDATION CONDITIONS (SEE NOTE 6)**

- LEGEND:**
-  REMOVAL ACTION AREA BOUNDARY
  -  PAVED AREA
  -  UNPAVED AREA
  -  BUILDING
  -  APPROXIMATE LIMITS OF 100-YEAR FLOODPLAIN BOUNDARY (SEE NOTE 4)
  -  APPROXIMATE EDGE OF WATER
  -  GROUND SURFACE CONTOUR (1' INCREMENT)




- NOTES:**
- MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990; VARIOUS SITE SURVEYS BY HILL ENGINEERS, ARCHITECTS AND PLANNERS; BLASLAND, BOUCK & LEE, INC. (BBL) RIVERBANK SURVEY, DATED 10/12-23/98; AND 2003 BATHYMETRIC SURVEY OF SILVER LAKE BY OCEANS, INC.
  - NOT ALL PHYSICAL FEATURES SHOWN.
  - SOME LOCATIONS ARE APPROXIMATE.
  - 100-YEAR FLOODPLAIN BOUNDARY IS BASED ON ELEVATIONS PUBLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY: "FLOOD INSURANCE STUDY - CITY OF PITTSFIELD, MASSACHUSETTS", JANUARY 16, 1987; AND "FLOOD INSURANCE RATE MAP - CITY OF PITTSFIELD, MASSACHUSETTS" (PANELS 250037 0010C AND 250037 0020C), FEBRUARY 19, 1982, AND APPROXIMATED TO THE 1-FOOT CONTOURS SHOWN ON THIS FIGURE.
  - PRE-REMEDATION TOPOGRAPHY FOR THE UPPER 1/2-MILE REACH OF HOUSATONIC RIVER WAS PRESENTED IN THE REMOVAL ACTION WORK PLAN - UPPER 1/2-MILE REACH OF HOUSATONIC RIVER (BBL, AUGUST 1999).
  - POST-REMEDATION TOPOGRAPHY FOR THE UPPER 1/2-MILE REACH OF HOUSATONIC RIVER WAS SURVEYED BY SK DESIGN GROUP, INC.



**GENERAL ELECTRIC COMPANY  
 PITTSFIELD, MASSACHUSETTS  
 FLOOD STORAGE ASSESSMENT**

**UPPER 1/2-MILE REACH  
 REMOVAL ACTION**

 **ARCADIS**

**FIGURE  
 V**





GE  
159 Plastics Avenue  
Pittsfield, MA 01201  
USA

April 6, 2007

Dean Tagliaferro  
EPA Project Coordinator and On-Scene Coordinator  
U.S. Environmental Protection Agency  
c/o Weston Environmental Engineering  
One Lyman Street  
Pittsfield, MA 01201

**Re: GE Pittsfield/Housatonic River Site  
Upper ½-Mile Reach Removal Action (GEC800)  
2006 Bank Erosion Inspection Report - Revised**

Dear Mr. Tagliaferro:

Consistent with the requirements set forth in the final *Removal Action Work Plan – Upper ½-Mile Reach of the Housatonic River* (Work Plan; Blasland, Bouck & Lee, Inc. [BBL], August 1999), the General Electric Company (GE) has performed the 2006 inspection of the restored banks of the Upper ½-Mile Reach to assess both the cleared and restored areas of the riverbank for evidence of erosion. This inspection occurred on June 2, 2006 with representatives of the U.S. Environmental Protection Agency (EPA), U.S. Army Corps of Engineers (USACE), GE, and BBL in attendance. The following people performed the inspection:

- Dean Tagliaferro, EPA;
- Randy Sujat, USACE;
- Andrew Silber, GE and
- Mark Graveling, BBL.

This trip report has been prepared to describe the findings of the 2006 bank erosion inspection – i.e., the areas identified with evidence of measurable erosion or armoring material movement – and the response actions proposed to address those areas. (This trip report was originally submitted to EPA on December 14, 2006, and has been revised to take account of EPA comments on that prior version.) Figure 1 illustrates the location of the areas at which measurable erosion or material movement was observed. In addition, in accordance with requirements of the Work Plan, GE has identified, to the extent practicable, the likely cause of the erosion and has evaluated the source, dispersal, and quantity of eroded soil (if any) in the river. This evaluation, and GE's proposed measures to restore the identified areas to previous conditions and to protect against further erosion, are described below for each area, and are summarized in Table 1.

During the June 2, 2006 bank inspection, flow in the river was approximately 199 cubic feet per second (cfs), as measured at U.S. Geological Survey (USGS) River Gauge Station No. 0118700 on the East Branch of the Housatonic River in Coltsville, MA. It should be noted that although the flow in the river was less than 200 cfs at the time of the inspection, an extreme high-flow event had occurred in October of 2005 (several months after the 2005 bank erosion inspection), during which recorded flows at the

Coltsville gauge exceeded approximately 6,300 cfs, a flow which exceeds the calculated 50-year flood in the river.

At the time of the inspection, several areas were noted with either a visually observable loss of bank soil or movement of bank armoring. These areas are identified on Figure 1. Where appropriate, certain areas may require protection from further erosion through the placement of armor stone. Armor stone placed as part of these activities will be similar to that used during the implementation of the Upper ½ Mile Reach Removal Action (i.e., graded riprap,  $D_{100}=12$ -inch), as fully described in the Work Plan. GE plans to complete the remedial activities discussed below during the 2007 construction season, and will coordinate scheduling with EPA as the construction season approaches.

Descriptions of areas of erosion identified during the 2006 inspection, along with proposed area-specific response actions, are presented below.

### **Areas with Measurable Erosion**

**Area 1** – This area consists of approximately 25 feet of undercut bank, located on the northern bank of the river approximately 200 feet downstream of Building 64X in an area where no remedial activities were performed either in the river or on the riverbank (see Figure 1 and Photo 1). This area of observed erosion is located downstream of rip-rap placed adjacent to sheetpiles installed during past remedial activities, where the bank transitions from riprap to bank soil. In this area, less than 10 cubic yards (cy) of bank soil appear to have eroded from the bank. The source of the eroded material appears to be native material from the low- and mid-bank area directly down-slope from established grassy vegetation. The cause of erosion appears to be a combination of the transition from riprap to unprotected bank soils and the high velocity flows associated with the extreme flood event discussed above. No eroded soil was observed in the adjacent portion of the river and, therefore, no removal activities are planned at this location.

As discussed during the inspection, the proposed response action in this area will consist of placement of armor stone to replace eroded materials and protect against further such erosion. In this area, an approximate 1-ft thick layer of  $D_{100}=12$ -inch graded riprap will be placed along the lower portion of the bank extending up the bank to the limit of the undercut. To the extent practicable, armor stone placed in this area will be keyed into the bank, as well as blended with adjacent bank armoring, such that areas receiving armor stone will be restored to previous grades.

**Area 2** – Area 2 includes two areas (see Figure 1). The first area consists of approximately 40 feet of undercut bank, located on the southern bank directly across the river from Building 64W in a non-remediated bank area (see Photo 2). In this area, less than 5 cy of bank soil appears to have eroded from the bank. The source of the eroded material appears to be native material from the low- and mid-bank area directly upstream of a riprap swale. The cause of erosion appears to be high velocity water flow, likely associated with the extreme flood event discussed above. No evidence of eroded soil was observed in the adjacent portion of the river and, therefore, no removal activities are planned at this location. As discussed during the inspection, the proposed response action in this area will consist of placement of armor stone to replace eroded materials and protect against further such erosion. In this area, an approximate 1-ft thick layer of  $D_{100}=12$ -inch graded riprap will be placed along the lower portion of the bank in this area, extending approximately 4-feet up the bank from the riverbed. To the extent practicable, the installed armor layer will be keyed into the bank such that the eroded areas will be restored to previous grades.



Additionally, there is a slight undercut that extends for approximately 100 feet downstream of the same drainage swale discussed above and that appears to have involved the erosion of less than 5 cy (see Photo 3). To the extent practicable, GE will place armor stone (similar to above) within this undercut to limit any future erosion from this area.

**Area 3** – This area is located on the northern bank, in a non-remediated bank area, approximately 200 feet downstream of Building 64W (see Figure 1). In this area, less than 1 cy of bank soil appears to have eroded from within a 5-foot long slight undercut just above the existing riverbed armor layer (see Photo 4). The source of the eroded material appears to be native material from the mid-bank area. The cause of erosion appears to be high velocity water flow, likely associated with the extreme flood event discussed above. No evidence of eroded soil was observed in the adjacent portion of the river and, therefore, no removal activities are planned at this location. As discussed during the inspection, armor stone will be placed in this area to replace eroded materials and protect against further such erosion. In this area, armor stone (i.e.,  $D_{100}$ =12-inch graded riprap) will be keyed into the bank to fill the undercut such that the lower bank above the existing riverbed armor layer will be restored to previous grades.

**Area 4** – This area consists of a slightly undercut bank, extending over approximately 30 feet of the southern riverbank just upstream of riprap-protected banks, in a non-remediated bank area approximately 200 feet upstream of the eastern edge of the Newell Street Area II Parking Lot (see Figure 1 and Photo 5). In this area, less than 1 cy of bank soil appears to have eroded from the bank. The source of the eroded material appears to be native material from the low-bank area above the existing riverbed armor layer. The cause of erosion appears to be high velocity water flow, likely associated with the extreme flood event discussed above. No evidence of eroded soil was observed in the adjacent portion of the river and, therefore, no removal activities are planned at this location. As discussed during the inspection, armor stone will be placed in this area to replace eroded materials and protect against further such erosion. In this area, armor stone (i.e.,  $D_{100}$ =12-inch graded riprap) will be keyed into the bank to fill the undercut such that the lower bank above the existing riverbed armor layer will be restored to previous grades.

**Area 5** – Area 5 is located on the southern bank adjacent to the Newell Street Area II Parking Lot, and extends from a point approximately 15 feet downstream of the former pedestrian bridge to approximately 500 feet upstream of the bridge (see Figure 1). Within Area 5 there are several intermittent areas of undercut bank, from which soils have been eroded from bank areas above the adjacent existing riverbed armor layer (see Photo 6), and steep, near-vertical slopes are present that potentially could further erode or fail (Photo 7). The observed erosion is likely a result of the high velocity flow associated with the extreme flood event discussed above, but may also be related, to some extent, to settling of the riprap in this area. The sources of eroded materials in this area appear to be native materials or clean backfill, as portions of Area 5 proposed for removal intersect areas that have been previously remediated. No evidence of eroded soil was observed in the adjacent portion of the river and, therefore, no removal activities are planned at this location. During the inspection, it was discussed that this area would likely require excavation of the remaining steep slopes to tie into post-construction Newell Street Area II grades, as well as armor stone placement (tied into the existing riverbed armor layer at the toe of the slope) to restore this area to grade and reduce the potential for further erosion. Any such armor stone will be installed in this area such that it is to provide a continuous line of protection against further erosion.

Following the site visit, GE made a preliminary assessment of the removal of certain bank materials in this area to reduce the grade of the remaining slopes. It was assumed that excavation

of bank materials would be performed to reduce the slope in those areas where undercutting has left near-vertical banks. Figure 2 shows the locations of six representative cross sections drawn through Area 5, as well as the extent of Area 5 where GE proposes to remove bank materials. In addition, Figure 2 shows those areas that have previously been remediated, and the concentrations of polychlorinated biphenyls (PCBs) in remaining bank soils. Figure 3 shows the six cross sections of the Area 5 bank, and provides an illustration of those portions of bank materials that GE proposes to remove.

As shown on Figures 2 and 3, removal is proposed to be conducted between Station 1+20 and Station 4+50, and is anticipated to proceed up the bank such that approximate 2:1 (horizontal to vertical) bank slopes will extend from the upper extent of the removal area to the edge of armoring around the perimeter of the engineered barrier placed over the Newell Street Area II Parking Lot. Total removal of in-situ bank material in this area is estimated to be approximately 220 cy. Removal is anticipated to be performed with conventional equipment from the top-of-bank (with appropriate safeguards to protect the engineered barrier in that area).

At this time, soil removal activities are not anticipated to extend into bank soils where existing sampling data (presented on Figure 2) show PCB concentrations exceeding 50 parts per million (ppm). Most of the sampling results within or adjoining the horizontal extent of the removal area show PCB concentrations below 50 ppm (see Figure 2); and at the few locations where samples containing PCBs greater than 50 ppm are within or adjacent to the horizontal extent of the removal area, those samples appear to have been collected at depths well below the proposed soil removals. As such, the majority of materials removed from this area will be directly loaded into appropriate vehicles for staging in one collective pile located within GE's Building 65. However, because of the proximity of the proposed removal areas to certain soil samples with PCB analytical results above 50 ppm, GE will segregate those materials removed from the vicinity of such sample locations (i.e., SL 0106, SL 0107, SL0111, SL0474, and SL0477). These materials will be removed and directly loaded into appropriate vehicles for transfer to and staging within Building 65 in a separate pile.

GE will perform post-excavation sampling of both piles of staged materials for determination of appropriate disposal as dictated by either the Toxic Substances Control Act (TSCA) or the Resource Conservation and Recovery Act (RCRA). Ten-point composite samples (i.e., thoroughly mixed composites of aliquots collected at 10 separate locations) will be collected from each of the staged piles, split, and analyzed both for PCBs and using the Toxicity Characteristic Leaching Procedure (TCLP). In the event that either pile of stockpiled materials are considered subject to TSCA or RCRA hazardous waste disposal regulations, they will be transported for disposal at an appropriate off-site facility. If the stockpiled materials are considered non-TSCA and non-RCRA waste, they will be transported to GE's Hill 78 On-Plant Consolidation Area for disposition.

Alternatively, GE may elect to stockpile all removed materials in one location and collect one 10-point composite sample for waste characterization (i.e., PCB and TCLP analyses) as described above.

Following removal, those portions of the approximate 300-foot length of bank above the river bed armor layer subject to removal will be covered with armor stone to replace eroded materials, restore this area to previous grades (i.e., pre-erosion), stabilize these banks, and protect against further such erosion. At this time, it is not anticipated that additional excavation will be required to accommodate armor stone placement. Because this area will include large areas of disturbed

soils, prior to armor stone placement, a layer of non-woven geotextile will be installed over the removal area to enhance slope stability and protect the soils from erosion. Armor stone placement will include an approximate 1-ft thick layer of  $D_{100}=12$ -inch graded riprap, as discussed above, that will be tied into existing armoring at the toe of the slope and extend approximately 10 to 15 feet up the bank. In addition, several small areas of slightly undercut banks were observed between Station 0+00 and Station 1+20, and upstream of Station 4+50 (Photo 8). Following completion of bank soil removal activities described above, armor stone will be keyed into the lower portion of the bank in these undercut areas and blended with the existing riverbed armor layer to protect against further such erosion.

At the conclusion of armor stone placement in these areas of removal, any space that remains between the upper extent of bank armoring and the lower extent of the Newell Street Area II Parking Lot excavation and that has been disturbed as a result of removal activities will be replanted in accordance with the planting specifications described in the Work Plan. At this time, it is anticipated that a single band of red-osier dogwoods will be installed along the top of the newly placed armor stone. In accordance with the Work Plan, the red-osier dogwood band will be installed at a density of one plant every four lineal feet. Following installation of the dogwood plants, the area remaining between this dogwood band and the edge of the Newell Street Area II Parking Lot excavation will be planted with replacement trees on an as-needed basis to replace specific plants and species that may be disturbed or removed as a result of soil removal activities. Following installation, all such plants will be maintained in accordance with the requirements in the Work Plan.

**Area 6** - This area is located on the northern bank between Building 62 and the Lyman Street Parking Lot (see Figure 1). In this area, an approximate 30-foot long section of the top of bank appears to have sloughed and slid to the bottom of the bank (see Photo 9). Despite this sloughing, there does not appear to have been any erosion or material loss in this area, and there were no observations of eroded materials in the adjacent portion of the river. As discussed during the inspection, the sloughed portions of the bank (less than 5 cy) in this area will be removed; and, as necessary, armor stone will be placed along the bottom of the bank and blended with the existing riverbed armor layer to provide increased stabilization and a continuous line of protection from further erosion. Similar to plantings in Area 5, and in accordance with the Work Plan, a single band of red-osier dogwoods will be installed above the upper extent of armor stone in this area at a planting density of one plant every four lineal feet.

GE has assessed the anticipated changes to the overall flood storage capacity within the Upper ½-Mile Reach as a result of the proposed armoring and bank materials removal (i.e., the volume of bank materials proposed for removal or lost to erosion, minus the volume of backfill proposed for placement). In general, the estimates of the volume of armor stone placement were made considering that, to the extent practicable, armor stone will be keyed into the riverbed or riverbank and tied into existing armoring to provide a continuous line of protection against additional future erosion. Estimates of material losses related to erosion were made based on field observations recorded during performance of the inspection, as well as site survey and topographic information (see Figure 2). Corresponding estimates of armor stone volumes necessary to fill these undercuts were made using overly conservative assumptions based on field observations, assumed dimensions, and existing design parameters (e.g., stone size, armor layer thickness) as described in the Work Plan. A summary of the estimated materials lost to erosion or proposed for removal, as well as the estimated backfill volumes (and underlying assumptions), for each area is provided in Table 2.

As shown in Table 2, the total estimated volume of bank material losses due to erosion plus the proposed soil removal is approximately 242 cy, and the total estimated volume of armor stone that will be placed to fill observed undercut banks and restore areas is approximately 230 cy. As a result, it is estimated that there will be a net gain in flood storage capacity of approximately 12 cy.

Note that in addition to the areas discussed herein, the Natural Resource Trustees previously identified an area on the north bank of the river, immediately downstream of the Newell Street Bridge, as having been eroded and perhaps requiring additional attention. During the inspection discussed herein, this area was not located, and erosion was not noted in the area of the Newell Street Bridge. GE continued to look for this area of erosion throughout the summer of 2006 during the course of routine site inspections, but was unable to locate or identify the area noted by the Trustees. GE will inspect this area again, with EPA collaboration, during the 2007 Annual Restored Banks Erosion Inspection, and, if necessary, will address any erosion identified in this area at that time.

GE will continue to conduct inspections in accordance with the requirements of the Work Plan. The remaining schedule for bank erosion inspections includes one final inspection to be performed in 2007 before a long-term monitoring plan is proposed.

Please contact me if you have any questions.

Sincerely,



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

Attachments

cc: Holly Inglis, USEPA  
Tim Conway, USEPA  
Rose Howell, USEPA (without attachments)  
K.C. Mitkevicius, USACE  
R. Goff, USACE  
Linda Palmieri, Weston  
Dale Young MA EOE  
Susan Steenstrup, MDEP (2 copies)  
Jane Rothchild, MDEP (without attachments)  
Anna Symington, MDEP (without attachments)  
Nancy Harper, MA AG (without attachments)  
Mayor James Ruberto, City of Pittsfield  
Michael Carroll, GE (without attachments)  
Rod McLaren, GE (without attachments)  
Mark Graveling, BBL  
Todd Cridge, BBL  
Mike Chelminski, Woodlot Alternatives  
James Bieke, Goodwin Procter  
Public Information Repositories  
GE Internal Repositories

**TABLE 1**  
**2006 RESTORED BANK EROSION INSPECTION SUMMARY**  
**UPPER 1/2-MILE REACH REMOVAL ACTION MONITORING**

**GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

Area	Description	Approximate Size	Action
<b>Areas with Measurable Erosion</b>			
1 - North bank of river, directly across from Hibbard Playground	Erosion of soil and undercut banks. Non-remediated bank area. No evidence of eroded soil in river.	~25-ft of undercut banks	Restoration activities to include installation of armor stone to protect against further erosion.
2 - South bank of river, ~200' downstream of Hibbard Playground	Erosion of soil and slightly undercut banks. Non-remediated bank area. No evidence of eroded soil in river.	Two areas: total of ~140-ft of slightly undercut banks	Restoration activities to include installation of armor stone to protect against further erosion.
3 - North bank of river, behind Building 63	Erosion of soil and undercut banks above riverbed armor layer. Non-remediated bank area. No evidence of eroded soil in river.	~5-ft of undercut banks	Restoration activities to include installation of armor stone to protect against further erosion.
4 - South bank of river, directly upstream of the Newell St. II parking lot	Erosion of soil from lower banks above riverbed armor layer. Non-remediated bank area. No evidence of eroded soil in river.	~30-ft of undercut banks	Restoration activities to include installation of armor stone to protect against further erosion.
5 - South bank of river, directly behind Newell St. II parking lot	Erosion of soil and undercut banks above riverbed armor layer. Remediated and non-remediated bank areas. No evidence of eroded soil in river.	Several areas: total of ~510-ft of undercut banks	Restoration activities to include removal and re-grading of bank materials and installation of armor stone to protect against further erosion.
6 - North bank of river, directly upstream of Lyman St. parking lot	Sloughing of top-of-bank: sloughed materials have slid to bottom of slope. Remediated bank areas. No evidence of eroded soils in river.	~300 ft <sup>2</sup> (an approximate 30-ft long section of the top-of-bank)	Remove sloughed materials, regrade affected areas and install additional riprap at toe of slope, if necessary, to stabilize remaining bank materials.



**TABLE 2**  
**2006 REMOVAL ACTION FLOOD STORAGE COMPENSATION SUMMARY**  
**UPPER 1/2-MILE REACH REMOVAL ACTION MONITORING**

**GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS**

Area	Approximate Size	Estimated Quantity of Bank Material Proposed for Excavation or Lost to Erosion <sup>1</sup> (cy)	Estimated Quantity of Material Proposed for Backfill <sup>2</sup> (cy)	Estimated Net Change in Flood Storage Capacity (cy)
1 - North bank of river, directly across from Hibbard Playground	~25-ft of undercut banks	<10 (See Note 1)	4	4
2 - South bank of river, ~200' downstream of Hibbard Playground	Two areas: total of ~140-ft of slightly undercut banks	<10 (See Note 1)	20	-12
3 - North bank of river, behind Building 63	~5-ft of undercut banks	1	1	0
4 - South bank of river, directly upstream of the Newell St. II parking lot	~30-ft of undercut banks	1	3	-2
5 - South bank of river, directly behind Newell St. II parking lot	Several areas: total of ~510-ft of undercut banks	220	200	20
6 - North bank of river, directly upstream of Lyman St. parking lot	~300 ft <sup>2</sup> (an approximate 30-ft long section of the top-of-bank)	<5 (See Note 1)	2	2
<b>Total</b>		<b>242</b>	<b>230</b>	<b>12</b>

**Notes:**

1. Material loss volumes are estimated based on conservative field observations made during the 2006 Erosion Inspection. Note that for those areas where the estimated volume of materials lost is not explicitly stated, 80% of the number shown above has been assumed for calculation purposes.

2. Armor stone volumes are estimated as follows:

**Area 1:** assumes a 2-ft by 2-ft sloped area at the toe of bank, and a 1-ft thick armor layer extending approximately 2-ft up the bank over the entire approximate 25-ft length.

**Area 2:** assumes a 2-ft by 2-ft sloped area at the toe of bank, and a 1-ft thick armor layer extending approximately 2-ft up the bank over the entire approximate 140-ft length.

**Area 3:** assumes a 1-ft thick armor layer extending approximately 2-ft up the bank from the existing riverbed armor layer over the entire approximate 5-ft length.

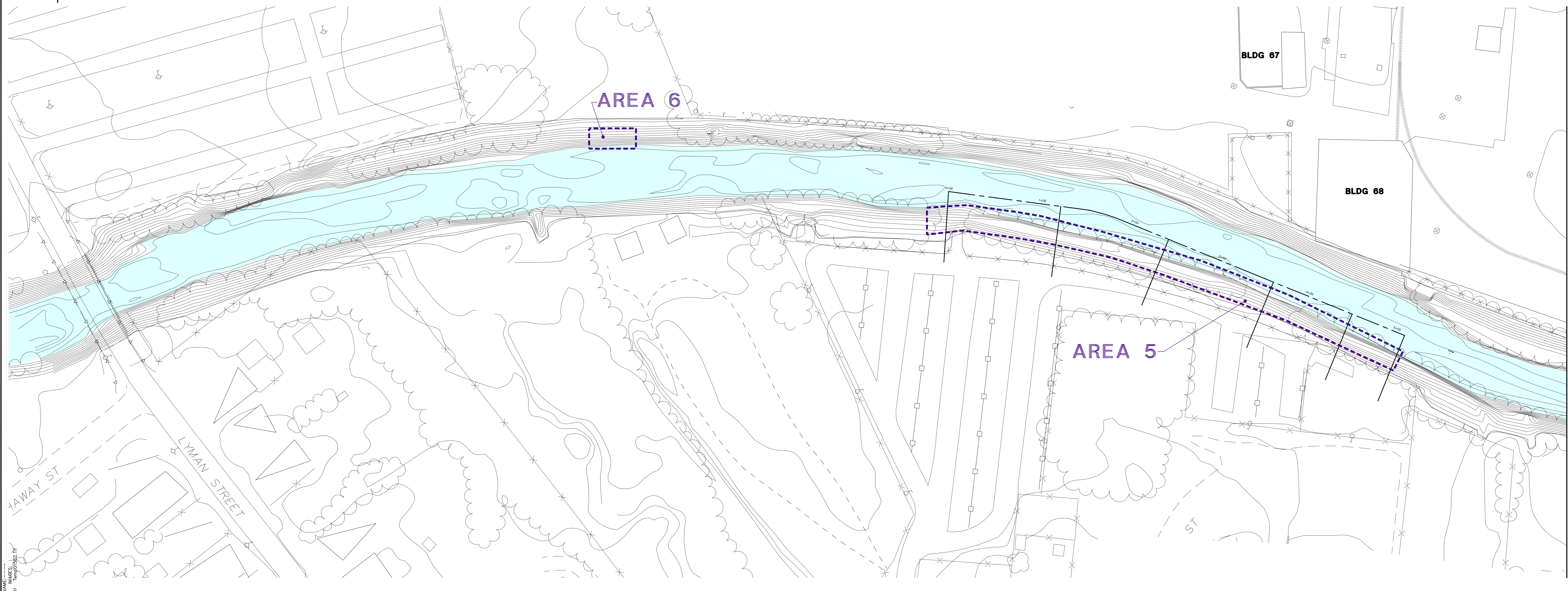
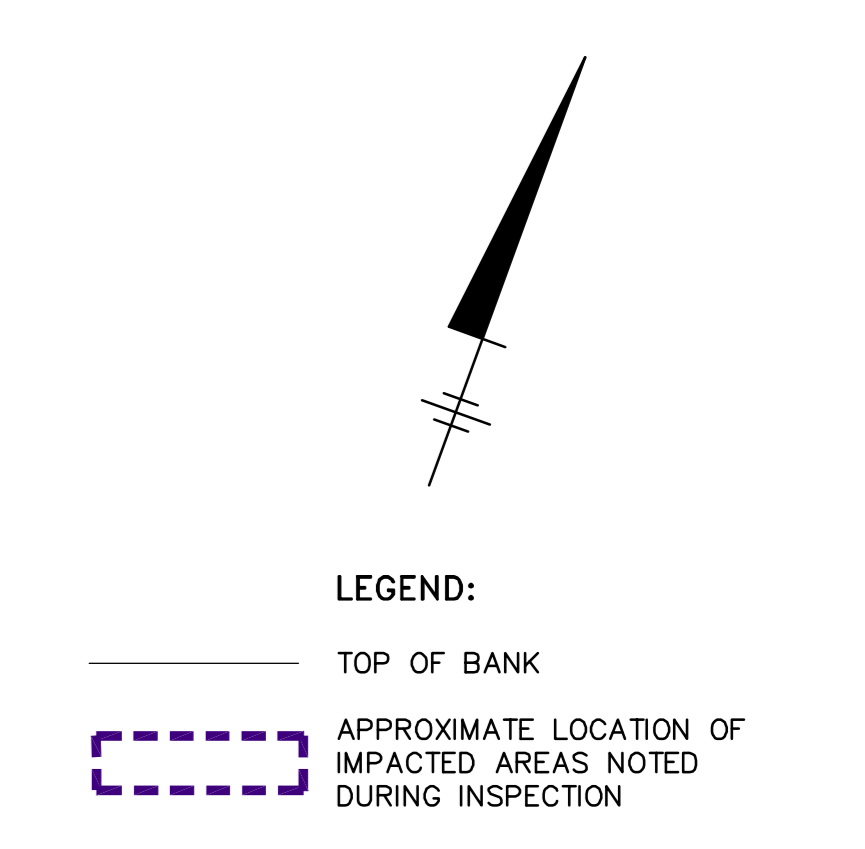
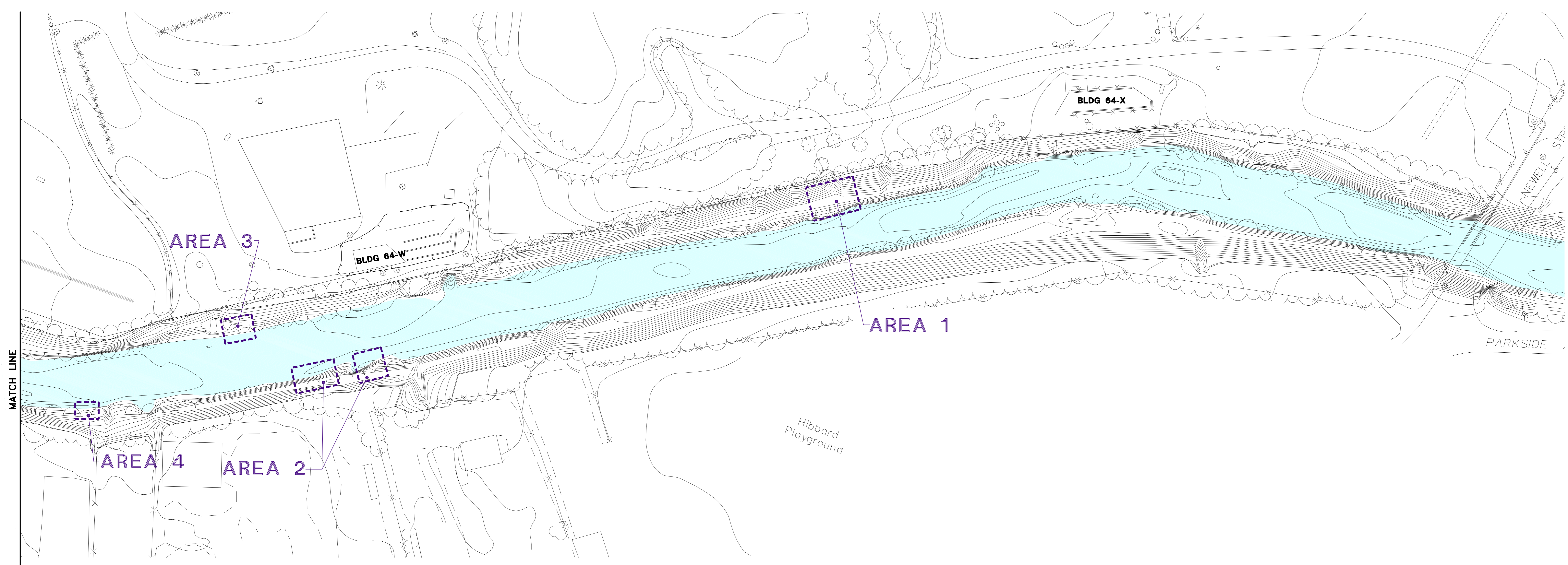
**Area 4:** assumes 1-ft thick armor layer extending approximately 2-ft up the bank from the existing riverbed armor layer over the entire approximate 30-ft length.

**Area 5:** assumes a 1-ft thick armor layer extending approximately 15-ft (maximum) up the bank from the existing riverbed armor layer over the approximate 300-ft long area subject to removal, tapered to meet a 1-ft thick armor layer extending approximately 2-ft up the bank in the remaining 210-ft on either side of the removal area.

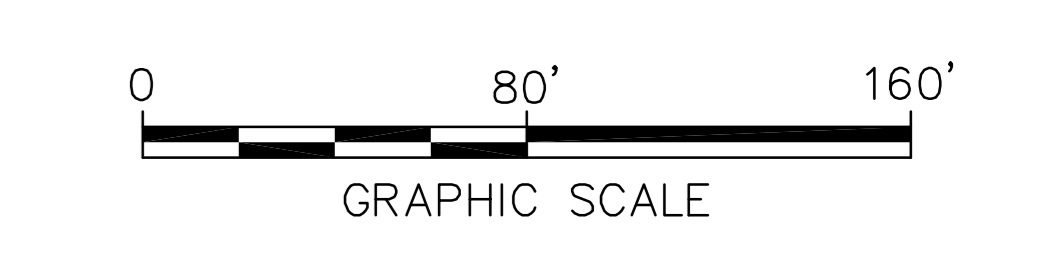
**Area 6:** assumes 1-ft thick armor layer extending approximately 2-ft up the bank from the existing riverbed armor layer over the entire approximate 30-ft length.



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SCALE: 1"=40' 200701  
DRAWN BY: TONGJI  
CHECKED BY: TONGJI



NOTE:  
ALL FEATURES AND LOCATIONS SHOWN ARE APPROXIMATE.



GENERAL ELECTRIC COMPANY  
PITTSFIELD, MASSACHUSETTS  
UPPER 1/2-MILE REACH OF THE HOUSATONIC RIVER

**2006 BANK  
EROSION INSPECTION**

**BBL**  
an ARCADIS company

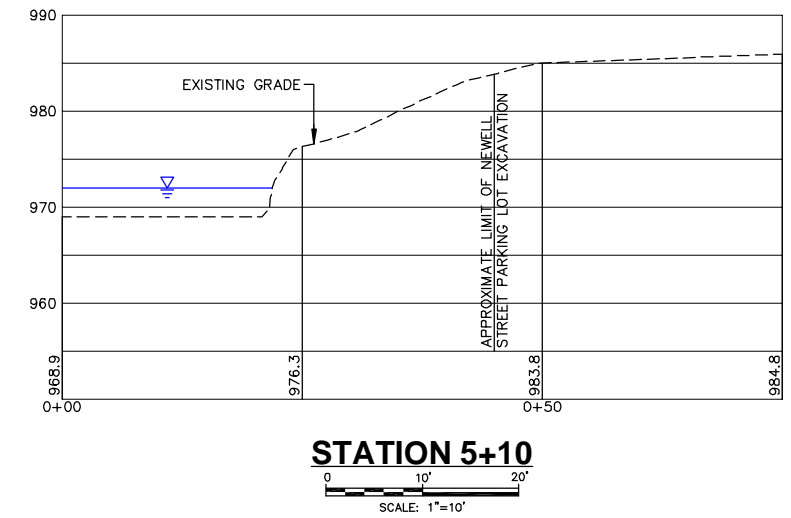
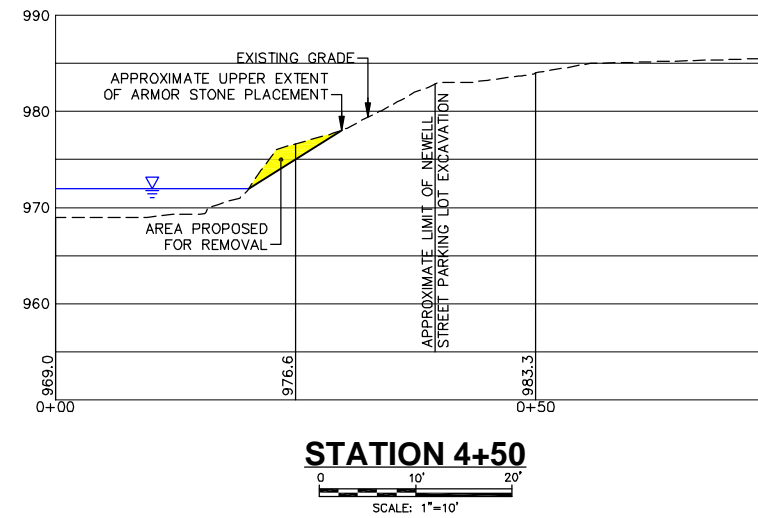
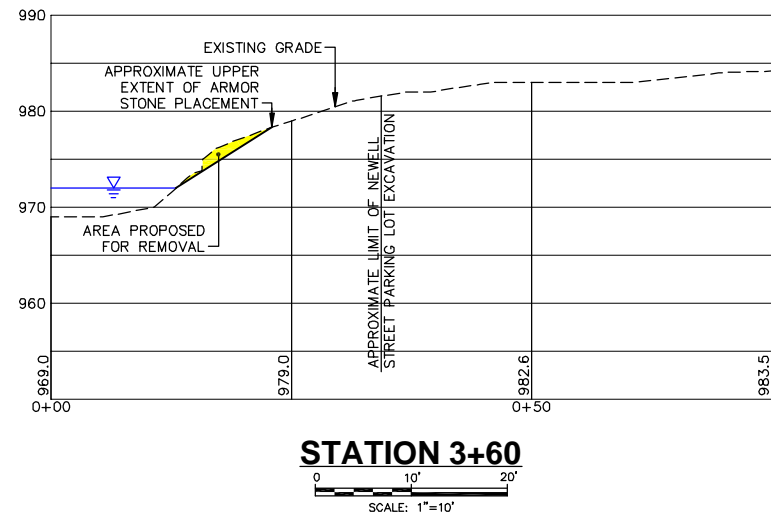
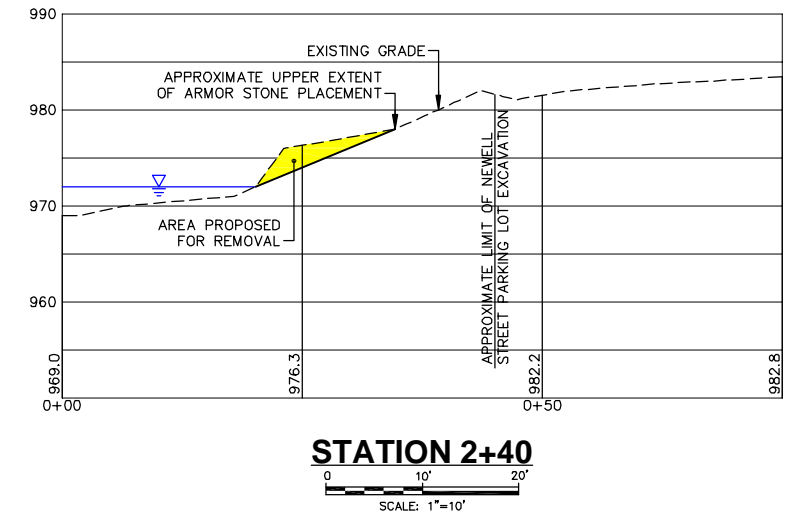
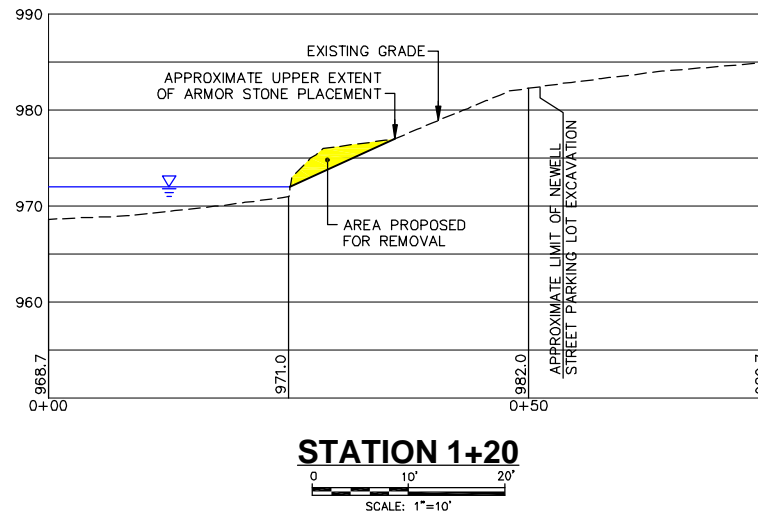
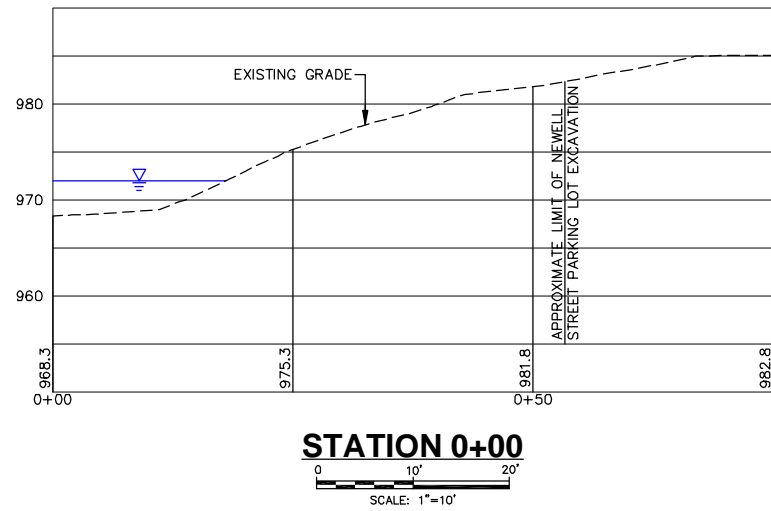
FIGURE  
**1**







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 PROJECT NAME: IMAGES:



**NOTE:**

ARMOR STONE IS ANTICIPATED TO BE INSTALLED AND KEYED INTO BANK MATERIALS TO RESTORE ERODED AREAS TO PRE-EROSION GRADES SUCH THAT NO CHANGE IN EXISTING FLOOD STORAGE OR CONVEYANCE CAPACITY IS ANTICIPATED.

GENERAL ELECTRIC COMPANY  
 PITTSFIELD, MASSACHUSETTS  
 UPPER 1/2-MILE REACH OF  
 HOUSATONIC RIVER

**PROPOSED REMOVAL -  
 AREA 5**





Photo 1 – Area 1: Approximately 25 feet of undercut bank at the end of a section of rip-rap.



Photo 2 – Area 2: Approximately 40 feet of undercut bank upstream of swale.





Photo 3 – Area 2: Approximately 100 feet of slight undercut downstream of swale.



Photo 4 – Area 3: Slight undercut above rip-rap.





Photo 5 – Area 4: Slight undercut between rip-rap.



Photo 6 – Area 5: Several small areas undercut above rip-rap.





Photo 7 – Area 5: Example of near vertical face proposed for removal.





Photo 8 – Area 5: Slight undercut proposed to be armored.



Photo 9 – Area 6: Bank sloughing, no erosion evident.

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**Exhibit VI**

Newell Street Area I Removal  
Action



**TABLE VI  
NEWELL STREET AREA I REMOVAL ACTION  
FLOOD STORAGE ASSESSMENT  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

Parcel ID	J9-23-16	J9-23-23	J9-23-23	J9-23-17	J9-23-23	
Activity Performed	Building Demolition (Quality Printing)	Building Demolition (F.W. Webb)	Soil Grading	Bocce Court Installation	Engineered Barrier Installation	
Footprint (ft <sup>2</sup> )	8,170	12,630	2,229	7,700	8,720	
At-Grade Slab Elevation (ft AMSL)	988.90	987.10	985.00	986.50	Varies	
100-Year Floodplain Elevation (ft AMSL)	990.50	990.50	990.50	990.50	990.50	
Incremental Elevation (ft AMSL)	<b>Change in Flood Storage Capacity</b>					<b>Total</b>
Less Than 982	0	0	0	0	0	<b>0</b>
982-983	0	0	0	0	0	<b>0</b>
983-984	0	0	0	0	-13	<b>-13</b>
984-985	0	0	41	0	-68	<b>-27</b>
985-986	0	0	0	0	-107	<b>-107</b>
986-987	0	0	0	-81	-132	<b>-213</b>
987-988	0	421	0	0	-3	<b>418</b>
988-989	30	468	0	0	0	<b>498</b>
989-990	303	468	0	0	0	<b>770</b>
990-991	151	234	0	0	0	<b>385</b>
991-992	0	0	0	0	0	<b>0</b>
<b>Total (cy)</b>	<b>484</b>	<b>1,590</b>	<b>41</b>	<b>-81</b>	<b>-323</b>	<b>1,712</b>

Notes:

1. ft<sup>2</sup> - square feet.
2. ft AMSL - feet above mean sea level.
3. cy - cubic yards.
4. Demolition calculations assume that floor slabs remain and no other site work has been conducted which would result in changes to flood storage capacity.
5. Footprints and volumes in the above table are shown to the nearest whole number.
6. Negative numbers represent a loss in flood storage capacity.
7. The information presented in this table is based on calculations initially presented in the *Final RD/RA Work Plan for Newell Street Area I* (Final Work Plan; Blasland, Bouck & Lee, Inc. [BBL], August 2003), excluding the calculations presented in that document for flood storage gained due to removal of the soil piles on Parcels J9-23-19 and J9-23-20. The Final Work Plan was conditionally approved by EPA in a letter to GE dated September 15, 2003, and finally approved by EPA in a letter to GE dated October 9, 2003. The remediation and restoration activities conducted at Newell Street Area I were performed in accordance with the Technical Drawings in the Final Work Plan. As a result, the calculations shown in this table should represent the flood storage gains and losses resulting from the activities actually performed, as reflected on the as-built survey drawings and engineered barrier plan.

**TABLE D-1**

**GENERAL ELECTRIC COMPANY  
PITTSFIELD, MASSACHUSETTS**

**FLOOD STORAGE CAPACITY CALCULATIONS**

**I. FLOOD STORAGE GAINED FROM DEMOLITION OF EXISTING BUILDINGS AT  
PARCELS J9-23-16 AND J9-23-23:**

**PARCEL J9-23-16:**

Area of building at Parcel J9-23-16: 8,170 square feet (SF)

Existing average surface elevation of area under building:

~ 90% @ ELEV. 989'                       $(989 * 0.9) + (988 * 0.1) = \mathbf{988.9'}$  (average overall elevation)  
~ 10% @ ELEV. 988'

Flood storage gained from building demolition at Parcel J9-23-16:

The elevation of the 100-year floodplain is approximately 990.5 feet.

Average overall elevation under building at Parcel J9-23-16 is approximately 988.9 feet.

Therefore,  $(990.5' - 988.9') * 8,170 \text{ SF} = 13,072 \text{ cubic feet (CF)} \rightarrow \sim \mathbf{485 \text{ cubic yards (CY)}}$

**PARCEL J9-23-23:**

Area of building at Parcel J9-23-23: 12,630 (SF)

Existing average surface elevation of area under building:

~ 20% @ ELEV. 986'  
~ 25% @ ELEV. 986.5'  
~ 30% @ ELEV. 987.5'  
~ 25% @ ELEV. 988'

$(986 * 0.2) + (986.5 * 0.25) + (987.5 * 0.3) + (988 * 0.25) = \mathbf{987.1'}$  (average overall elevation)

Flood storage gained from building demolition at Parcel J9-23-23:

The elevation of the 100-year floodplain is approximately 990.5 feet.

Average overall elevation under building at Parcel J9-23-23 is approximately 987.05 feet.

Therefore,  $(990.5' - 987.1') * 12,630 \text{ SF} = 42,942 \text{ cubic feet (CF)} \rightarrow \sim \mathbf{1,590 \text{ CY}}$

**TABLE D-1**

**GENERAL ELECTRIC COMPANY  
PITTSFIELD, MASSACHUSETTS**

**FLOOD STORAGE CAPACITY CALCULATIONS**

**II. FLOOD STORAGE GAINED DUE TO REMOVAL OF THE SOIL PILES AT  
PARCELS J9-23-19 AND J9-23-20:**

Flood storage gain = (average area below elev. 990.5') \* (distance from elev. 990.5' to bottom of pile)

Note: The "average area below elev. 990.5' " was estimated as the surface area of the soil pile taken at the midpoint between the base of the pile and elevation 990.5'.

North Pile: [(840.7') \* (4')] / 27 CY/ft. = 125 CY  
Middle Pile: [(1822.5) \* (3.5')] / 27 CY/ft. = 235 CY  
South Pile: [(1055.1') \* (3')] / 27 CY/ft. = 120 CY

Therefore, flood storage **gain** due to removal of soil piles = 125 + 235 + 120 → **480 CY**

**III. FLOOD STORAGE GAINED DUE TO RE-GRADING EAST OF 1-FOOT VEGETATIVE  
BARRIER INSTALLATION AT PARCEL J9-23-23:**

Area of re-grading: 2,228.96 SF

Approximate existing elevation: 985'  
Approximate elevation after re-grading: 984.5'

Therefore, flood storage **gain**: (985' - 984.5') \* 2,228.96 = 1,114.5 CF → **41 CY**

**IV. FLOOD STORAGE LOST DUE TO DEMOLITION & CONSTRUCTION OF BOCCE  
COURTS AT PARCEL J9-23-17:**

[Calculations provided by White Engineering, Inc. Pittsfield, MA]

Raw Cut Volume:	47.49 cu yd
Compacted Cut Volume:	0.00 cu yd
Total Cut Volume:	47.49 cu yd
Raw Fill Volume:	128.51 cu yd
Compacted Fill Volume:	0.00 cu yd
Total Fill Volume:	128.51 cu yd
Net Fill Volume:	<b>81.02 cu yd</b>

**TABLE D-1**

**GENERAL ELECTRIC COMPANY  
PITTSFIELD, MASSACHUSETTS**

**FLOOD STORAGE CAPACITY CALCULATIONS**

**V. FLOOD STORAGE LOST DUE TO INSTALLATION OF 1-FOOT VEGETATIVE  
ENGINEERED BARRIER AT PARCEL J9-23-23:**

(8,720 SF of engineered barrier) \* (~ 1foot of engineered barrier) = 8,720 CF → **325 CY**

---

OVERALL GAIN OF FLOOD STORAGE: 485 + 1,590 + 480 + 41 = 2,596 CY

OVERALL LOSS OF FLOOD STORAGE: 81 + 325 = 406 CY

→ **OVERALL NET GAIN OF FLOOD STORAGE: 2,190 CY**

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**Exhibit VII**

Newell Street Area II Removal  
Action

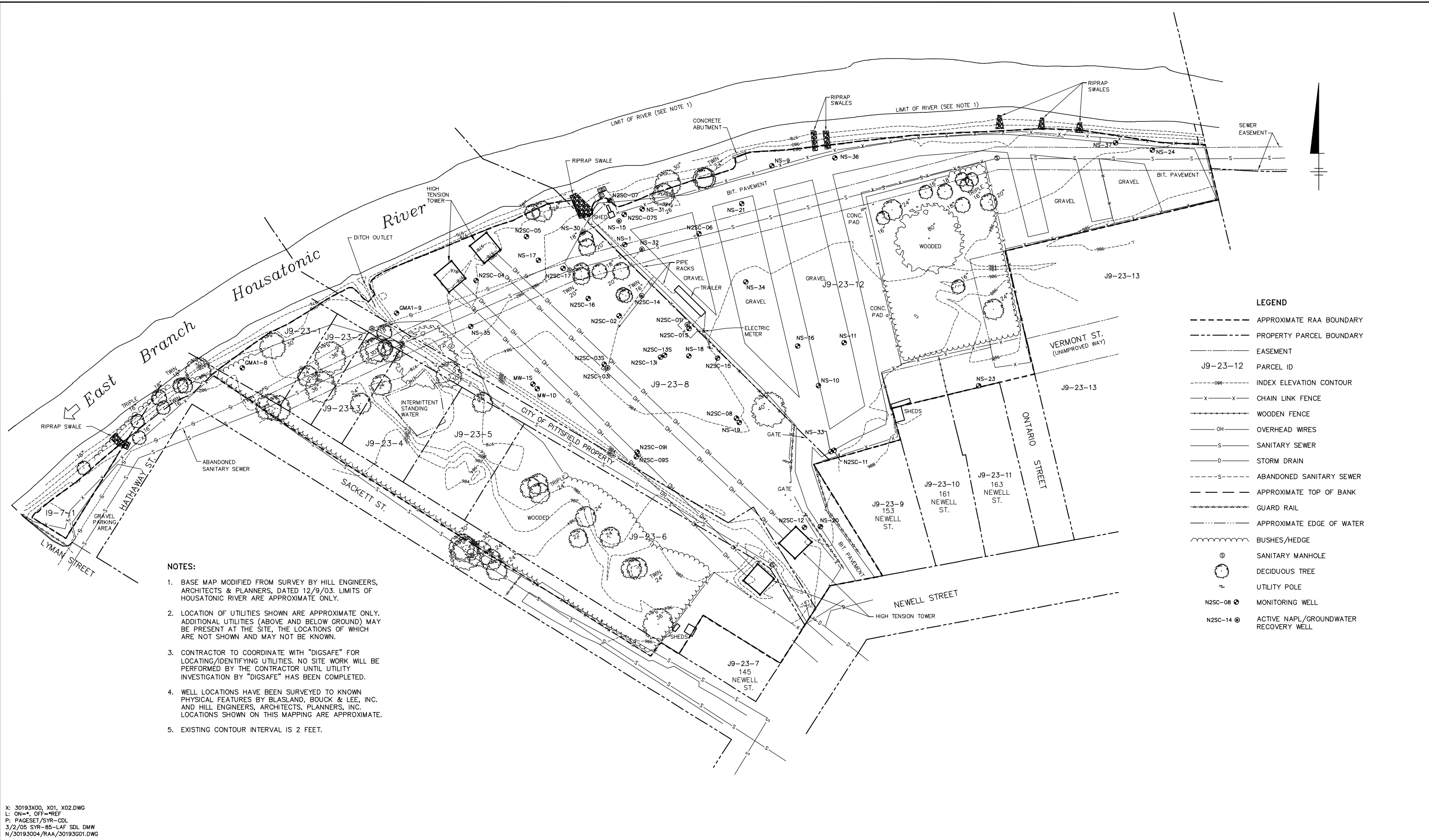


**TABLE VII  
NEWELL STREET AREA II REMOVAL ACTION  
FLOOD STORAGE ASSESSMENT  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

Activity Performed	Engineered Barrier Installation and Soil Grading
<b>100-Year Floodplain Elevation (ft AMSL)</b>	990.50
<b>Incremental Elevation (ft AMSL)</b>	<b>Change in Flood Storage Capacity (cy)</b>
<b>Less than 982</b>	125
<b>982-983</b>	-366
<b>983-984</b>	-607
<b>984-985</b>	-1,361
<b>985-986</b>	-1,765
<b>986-987</b>	-1,086
<b>987-988</b>	-336
<b>988-989</b>	-48
<b>989-990</b>	-34
<b>990-991</b>	-17
<b>991-992</b>	0
<b>Total (cy)</b>	<b>-5,495</b>

Notes:

1. ft AMSL - feet above mean sea level.
2. cy - cubic yards.
3. Volumes in the above table are shown to the nearest whole number.
4. Negative numbers represent a loss in flood storage capacity.
5. The volumes indicated above were calculated using Terramodel™ terrain modeling software and are based on a comparison of pre-construction and post-remediation conditions at Newell Street Area II. Pre-construction topography was obtained from a drawing titled "Existing Site Plan" (Technical Drawing 1), included in Attachment B of the *Final Removal Design/Removal Action Work Plan for Newell Street Area II* (Blasland, Bouck & Lee, Inc. [BBL], March 2005). Post-remediation (as-built) topography was surveyed and provided by Hill Engineers, Architects & Planners.



- NOTES:**
1. BASE MAP MODIFIED FROM SURVEY BY HILL ENGINEERS, ARCHITECTS & PLANNERS, DATED 12/9/03. LIMITS OF HOUSATONIC RIVER ARE APPROXIMATE ONLY.
  2. LOCATION OF UTILITIES SHOWN ARE APPROXIMATE ONLY. ADDITIONAL UTILITIES (ABOVE AND BELOW GROUND) MAY BE PRESENT AT THE SITE, THE LOCATIONS OF WHICH ARE NOT SHOWN AND MAY NOT BE KNOWN.
  3. CONTRACTOR TO COORDINATE WITH "DIGSAFE" FOR LOCATING/IDENTIFYING UTILITIES. NO SITE WORK WILL BE PERFORMED BY THE CONTRACTOR UNTIL UTILITY INVESTIGATION BY "DIGSAFE" HAS BEEN COMPLETED.
  4. WELL LOCATIONS HAVE BEEN SURVEYED TO KNOWN PHYSICAL FEATURES BY BLASLAND, BOUCK & LEE, INC. AND HILL ENGINEERS, ARCHITECTS, PLANNERS, INC. LOCATIONS SHOWN ON THIS MAPPING ARE APPROXIMATE.
  5. EXISTING CONTOUR INTERVAL IS 2 FEET.

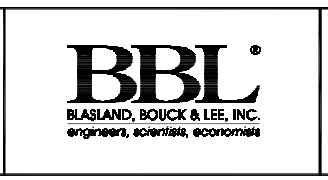
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 USE THE GRAPHIC SCALE BAR IN THE TITLE BLOCK TO DETERMINE THE ACTUAL SCALE OF THIS DRAWING.

Date	Revisions	Init

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

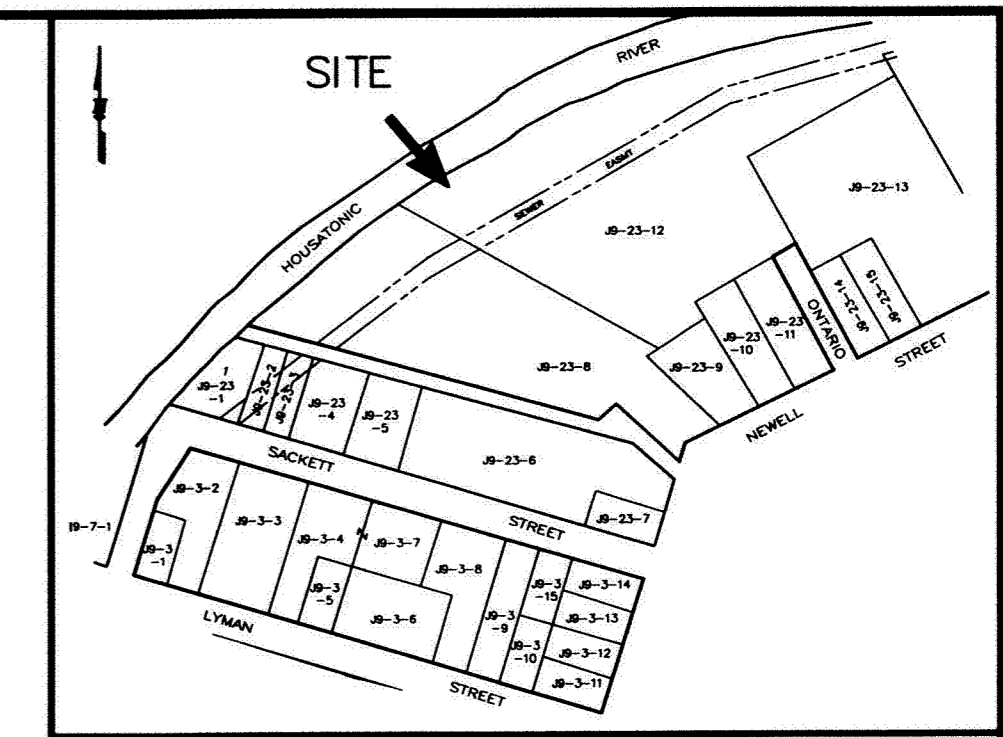


GENERAL ELECTRIC COMPANY • PITTSFIELD, MASSACHUSETTS  
 NEWELL STREET AREA II RAA REMEDIAL ACTION

## EXISTING SITE PLAN

TECHNICAL DRAWINGS

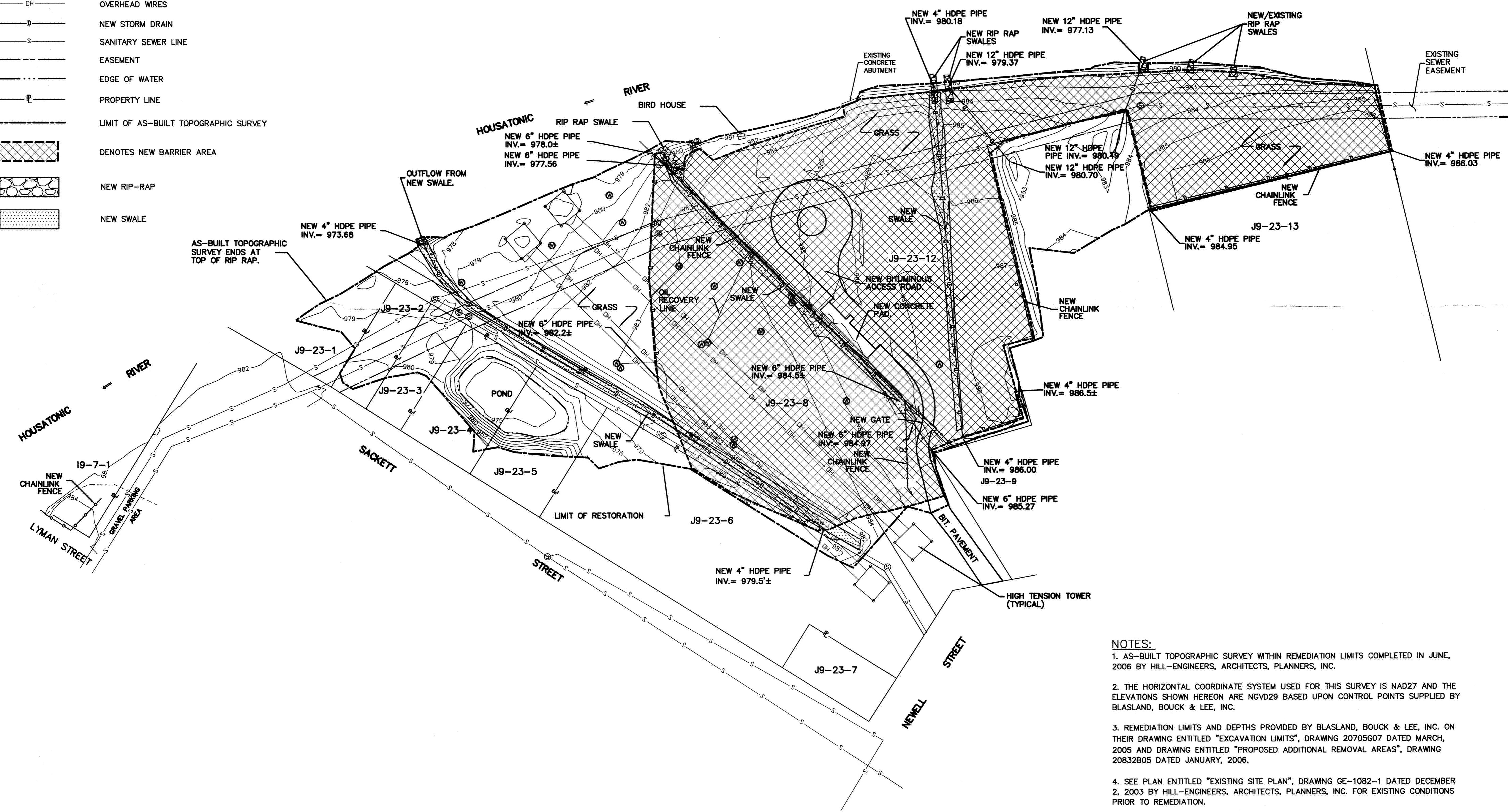
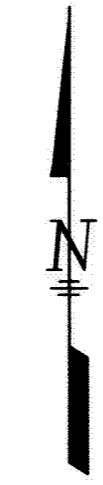
BBL Project No. 301.93
Date MARCH 2005
Blasland, Bouck & Lee, Inc. Corporate Headquarters 6723 Towpath Road Syracuse, NY 13214 315-446-9120



KEY MAP  
N.T.S.

LEGEND

- UTILITY POLE
- ⊙ SEWER MANHOLE
- ⊙ MONITORING WELL
- CHAINLINK FENCE
- 985- AS BUILT CONTOUR
- 984- AS BUILT CONTOUR
- DH- OVERHEAD WRES
- D- NEW STORM DRAIN
- S- SANITARY SEWER LINE
- E- EASEMENT
- ...- EDGE OF WATER
- P- PROPERTY LINE
- - - - - LIMIT OF AS-BUILT TOPOGRAPHIC SURVEY
- [Cross-hatched] DENOTES NEW BARRIER AREA
- [Rip-rap pattern] NEW RIP-RAP
- [Stippled] NEW SWALE



- NOTES:
- AS-BUILT TOPOGRAPHIC SURVEY WITHIN REMEDIATION LIMITS COMPLETED IN JUNE, 2006 BY HILL-ENGINEERS, ARCHITECTS, PLANNERS, INC.
  - THE HORIZONTAL COORDINATE SYSTEM USED FOR THIS SURVEY IS NAD27 AND THE ELEVATIONS SHOWN HEREON ARE NGVD29 BASED UPON CONTROL POINTS SUPPLIED BY BLASLAND, BOUCK & LEE, INC.
  - REMEDIAL LIMITS AND DEPTHS PROVIDED BY BLASLAND, BOUCK & LEE, INC. ON THEIR DRAWING ENTITLED "EXCAVATION LIMITS", DRAWING 20705607 DATED MARCH, 2005 AND DRAWING ENTITLED "PROPOSED ADDITIONAL REMOVAL AREAS", DRAWING 20832B05 DATED JANUARY, 2006.
  - SEE PLAN ENTITLED "EXISTING SITE PLAN", DRAWING GE-1082-1 DATED DECEMBER 2, 2003 BY HILL-ENGINEERS, ARCHITECTS, PLANNERS, INC. FOR EXISTING CONDITIONS PRIOR TO REMEDIATION.
  - SEE SRV-1060 DRAWINGS C-102 THRU C-104 FOR EXCAVATION LIMITS AND POINT TABLES INCLUDING ORIGINAL, EXCAVATION & AS-BUILT ELEVATIONS AND REMOVAL DEPTHS.

REV.	DESCRIPTION	DATE
11-7-06	ISSUED FOR COMMENT	11-7-06
1-2-07	GENERAL REVISION	1-2-07
1-19-07	GENERAL REVISION	1-19-07
2-7-07	ADDED ADDITIONAL INVERT	2-7-07

GENERAL ELECTRIC COMPANY, INC.  
159 PLASTICS AVENUE  
PITTSFIELD, MA

PROJECT DESCRIPTION  
NEWELL STREET AREA 2  
RAA REMEDIAL ACTION

DRAWING TITLE  
AS-BUILT SITE PLAN

DRAWN BY	TMA
DATE DRAWN	11-7-06
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APV'D BY	
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GRAPHIC SCALE:	0 50 100
PROJECT NUMBER:	SRV-1060-001
DRAWING NUMBER	C-101
REV.	D

ARCADIS

**Exhibit VIII**

Lyman Street Area Removal  
Action

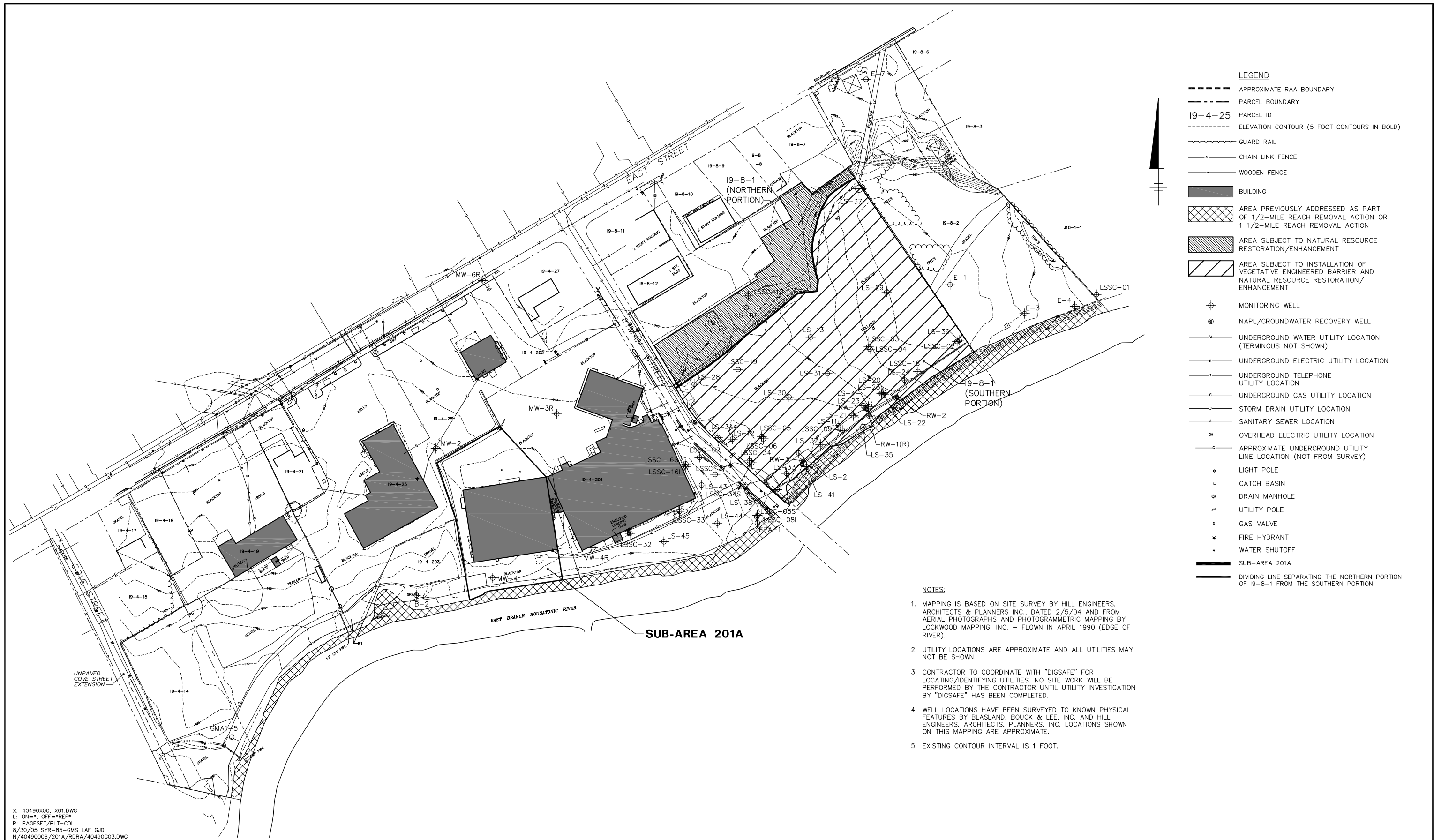
**TABLE VIII  
LYMAN STREET AREA REMOVAL ACTION  
FLOOD STORAGE ASSESSMENT  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

<b>Parcel ID</b>	19-8-1
<b>Activity Performed</b>	Engineered Barrier Installation (Southern Portion Only) and Soil Grading (Northern and Western Portions)
<b>100-Year Floodplain Elevation (ft AMSL)</b>	990.50
<b>Incremental Elevation (ft AMSL)</b>	<b>Change in Flood Storage Capacity (cy)</b>
<b>Less Than 982</b>	0
<b>982-983</b>	-14
<b>983-984</b>	-545
<b>984-985</b>	-1,553
<b>985-986</b>	-2,343
<b>986-987</b>	-2,370
<b>987-988</b>	-2,124
<b>988-989</b>	-1,851
<b>989-990</b>	-1,022
<b>990-991</b>	-58
<b>991-992</b>	0
<b>Total (cy)</b>	<b>-11,880</b>

Notes:

1. ft AMSL - feet above mean sea level.
2. cy - cubic yards.
3. Volumes in the above table are shown to the nearest whole number.
4. Negative numbers represent a loss in flood storage capacity.
5. The volumes indicated above were calculated using Terramodel™ terrain modeling software and are based on a comparison of pre-construction and post-remediation conditions at the Lyman Street Area. Pre-construction topography was obtained from a drawing titled "Existing Site Plan" (Technical Drawing 1), included in Attachment A of the *Final Removal Design/Removal Action Work Plan for Lyman Street Area* (Blasland, Bouck & Lee, Inc. [BBL], September 2005). Post-remediation (as-built) topography was surveyed and provided by SK Design Group, Inc.





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Graphic Scale  
 1"=80'  
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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.

Date	Revisions	Init

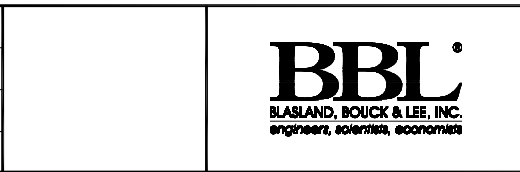
Professional Engineer's Name  
**JAMES M. NUSS**

Professional Engineer's No.  
**38000**

State  
**MA**

Date Signed

Project Mgr. Designed by Drawn by  
**DAJ MJB GMS**



GENERAL ELECTRIC COMPANY • PITTSFIELD, MASSACHUSETTS  
 RD/RA WORK PLAN FOR THE LYMAN STREET AREA

**EXISTING SITE PLAN**

TECHNICAL DRAWINGS

BBL Project No.  
**404.90**

Date  
**SEPTEMBER 2005**

Blasland, Bouck & Lee, Inc.  
 Corporate Headquarters  
 6723 Towpath Road  
 Syracuse, NY 13214  
 315-446-9120



**NOTES:**

1. THE BASE INFORMATION INDICATED ON THIS PLAN IS FROM A PLAN SUBMITTED TO THIS OFFICE FROM ARCADIS, BBL.
2. THE NORTHERLY RESTORATION AREA VOLUMES DO NOT INCLUDE THE TSCA AREA I, J, AND K AREA VOLUMES.

EAST STREET

BLACKTOP

BLACKTOP

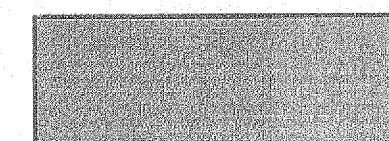
ENLARGED AREA

SCALE: 1"=20'

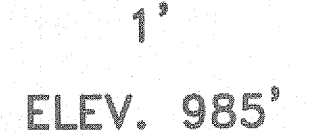
**LEGEND:**



AREA SUBJECT TO NATURAL RESOURCE RESTORATION/ENHANCEMENT (19-8-1 NORTHERN PORTION)



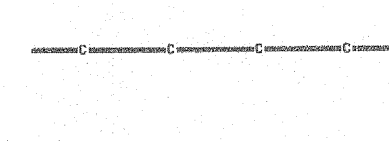
LIMITS OF TSCA SOIL MATERIAL SUBJECT TO REMOVAL



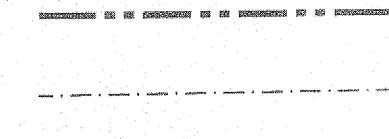
DEPTH OF SOIL EXCAVATION

ELEV. 985'

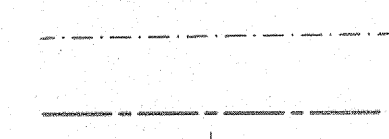
BOTTOM ELEVATION OF SOIL EXCAVATION



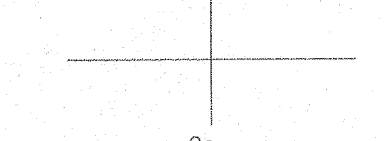
UNDERGROUND GROUNDWATER COLLECTION LINE



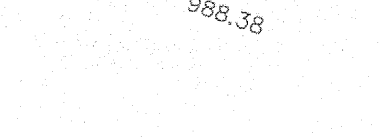
PROPERTY LINE SURVEYED BY OTHERS



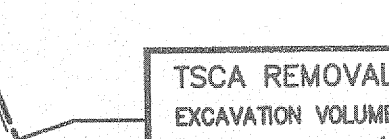
ACCESS ROAD



BARRIER COLLECTION PIPE



LAYOUT GRID



SURVEYED GRADE

TSCA REMOVAL AREA A  
EXCAVATION VOLUME: 99.1 CU. YRDS.  
BACKFILL VOLUME (NOT TOPSOIL): 82.4 CU. YRDS.  
BACKFILL TOPSOIL VOLUME: 21.6 CU. YRDS.

NORTHERLY NATURAL RESOURCE RESTORATION AREA EXCLUDING TSCA AREAS  
BACKFILL VOLUME (NOT TOPSOIL): 463.9 CU. YRDS.  
BACKFILL TOPSOIL VOLUME: 682.9 CU. YRDS.

TSCA REMOVAL AREA K  
EXCAVATION VOLUME: 24.4 CU. YRDS.  
BACKFILL VOLUME (NOT TOPSOIL): 38.2 CU. YRDS.  
BACKFILL TOPSOIL VOLUME: 6.4 CU. YRDS.

TSCA REMOVAL AREA B  
EXCAVATION VOLUME: 90.5 CU. YRDS.  
BACKFILL VOLUME (NOT TOPSOIL): 68.0 CU. YRDS.  
BACKFILL TOPSOIL VOLUME: 63.5 CU. YRDS.

TSCA REMOVAL AREA H  
EXCAVATION VOLUME: 43.3 CU. YRDS.  
BACKFILL VOLUME (NOT TOPSOIL): 29.0 CU. YRDS.  
BACKFILL TOPSOIL VOLUME: 17.4 CU. YRDS.

TSCA REMOVAL AREA J  
EXCAVATION VOLUME: 50.1 CU. YRDS.  
BACKFILL VOLUME (NOT TOPSOIL): 78.1 CU. YRDS.  
BACKFILL TOPSOIL VOLUME: 9.9 CU. YRDS.

TSCA REMOVAL AREA E  
EXCAVATION VOLUME: 240.7 CU. YRDS.  
BACKFILL VOLUME (NOT TOPSOIL): 204.7 CU. YRDS.  
BACKFILL TOPSOIL VOLUME: 50.7 CU. YRDS.

TSCA REMOVAL AREA I  
EXCAVATION VOLUME: 5.6 CU. YRDS.  
BACKFILL VOLUME (NOT TOPSOIL): 11.7 CU. YRDS.  
BACKFILL TOPSOIL VOLUME: 2.8 CU. YRDS.

TSCA REMOVAL AREA G  
EXCAVATION VOLUME: 63.0 CU. YRDS.  
BACKFILL VOLUME (NOT TOPSOIL): 39.9 CU. YRDS.  
BACKFILL TOPSOIL VOLUME: 25.6 CU. YRDS.

TSCA REMOVAL AREA C  
EXCAVATION VOLUME: 236.4 CU. YRDS.  
BACKFILL VOLUME (NOT TOPSOIL): 220.3 CU. YRDS.  
BACKFILL TOPSOIL VOLUME: 48.0 CU. YRDS.

TSCA REMOVAL AREA D  
EXCAVATION VOLUME: 62.6 CU. YRDS.  
BACKFILL VOLUME (NOT TOPSOIL): 44.9 CU. YRDS.  
BACKFILL TOPSOIL VOLUME: 22.2 CU. YRDS.

TSCA REMOVAL AREA F  
EXCAVATION VOLUME: 42.0 CU. YRDS.  
BACKFILL VOLUME (NOT TOPSOIL): 27.1 CU. YRDS.  
BACKFILL TOPSOIL VOLUME: 16.5 CU. YRDS.

SOUTHERLY LINER AREA  
AREA OF LINER INSTALLED: 132,095 S.F. (PLANIMETRIC)  
BACKFILL VOLUME (NOT TOPSOIL): 8197.6 CU. YRDS.  
BACKFILL TOPSOIL VOLUME: 3006.5 CU. YRDS.

AS-BUILT PLAN

SCALE: 1"=30'

SURVEY LAYOUT  
PREPARED FOR:  
**MAXYMILLIANTECH, INC**  
LOCATED AT:  
LYMAN STREET  
PITTSFIELD, MA.

**Design Group, Inc.**  
Civil Engineers • Surveyors • Consultants  
FEDERAL STATE OF MASSACHUSETTS REG. NO. 1451-443-507  
PLAN DESCRIPTION:  
**AS-BUILT PLAN**

SK DESIGN GROUP PROJECT #:  
**010024**

REGISTERED PROFESSIONAL ENGINEER  
JAMES E. SODI  
No. 41788  
SK DESIGN GROUP, INC. SURVEYOR  
LICENSE #41788  
PHONE: 413-443-5537

REVISION:  
MARCH 17, 2008 (PROPERTY LINE)

DRAWN BY: JES	CHECKED BY: JES
DATE: APRIL 24, 2007	SHEET NO. 1
ISSUED FOR: Permit	OF 1
SCALE: 1"=30'	

G:\SK DESIGN GROUP\2007\070024\_Maxymillian-Survey-CE\_Lyman St Removal Area\Drawings\Survey\070024-AS.dwg  
User Name: jesi  
Date: March 17, 2008 - 8:10am



ARCADIS

**Exhibit IX**

Portion of 1½-Mile Reach  
Removal Action (Lyman Street to  
Elm Street)

**TABLE IX**  
**PORTION OF 1½-MILE REACH REMOVAL ACTION (LYMAN STREET TO ELM STREET)**  
**FLOOD STORAGE ASSESSMENT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

Area	River Channel and Riverbanks <sup>6</sup>	Aquatic Enhancement Structures <sup>7</sup>	Siver Lake Outfall Structure <sup>8</sup>	Parcel I8-23-6 (Barbalunga Access Road) <sup>9</sup>	Parcel I8-24-1 (Harry's Supermarket) <sup>10</sup>	Parcel I8-24-5 (55 Root Place)	Parcel I9-4-25/203 (Johnson Ford)	Parcel I9-4-201 (Massery) <sup>11</sup>	
<b>100-Year Floodplain Elevation (ft AMSL)</b>	989.50	989.50	989.50	989.50	989.50	989.50	989.50	989.50	
<b>Incremental Elevation (ft AMSL)</b>	<b>Change in Flood Storage Capacity (cy)</b>								<b>Total (cy)</b>
<b>971-972</b>	-109	-25	26	-1	0	0	0	0	<b>-109</b>
<b>972-973</b>	-20	0	26	-16	0	0	0	0	<b>-10</b>
<b>973-974</b>	83	0	26	-30	0	0	0	0	<b>79</b>
<b>974-975</b>	130	0	26	-36	0	0	0	0	<b>120</b>
<b>975-976</b>	63	0	26	-45	0	0	0	0	<b>45</b>
<b>976-977</b>	34	0	26	-56	0	0	3	0	<b>6</b>
<b>977-978</b>	25	0	26	-68	0	0	12	0	<b>-4</b>
<b>978-979</b>	2	0	26	-82	0	0	70	1	<b>18</b>
<b>979-980</b>	6	0	0	-95	3	0	29	34	<b>-22</b>
<b>980-981</b>	32	0	0	19	29	12	31	108	<b>230</b>
<b>981-982</b>	35	0	0	45	111	80	7	63	<b>341</b>
<b>982-983</b>	35	0	0	47	244	0	0	5	<b>331</b>
<b>983-984</b>	21	0	0	47	217	0	0	1	<b>286</b>
<b>984-985</b>	13	0	0	56	122	0	0	0	<b>191</b>
<b>985-986</b>	-4	0	0	20	174	0	0	0	<b>190</b>
<b>986-987</b>	-2	0	0	-1	30	0	0	0	<b>27</b>
<b>987-988</b>	-3	0	0	66	-1	0	0	0	<b>62</b>
<b>988-989</b>	-1	0	0	15	-9	0	0	0	<b>5</b>
<b>989-990</b>	-1	0	0	5	1	0	0	0	<b>5</b>
<b>990-991</b>	0	0	0	0	0	0	0	0	<b>0</b>
<b>991-992</b>	0	0	0	0	0	0	0	0	<b>0</b>
<b>Total (cy)</b>	<b>339</b>	<b>-25</b>	<b>211</b>	<b>-110</b>	<b>920</b>	<b>92</b>	<b>152</b>	<b>211</b>	<b>1,791</b>

- Notes:
1. ft AMSL - feet above mean sea level.
  2. cy - cubic yards.
  3. Volumes in the above table are shown to the nearest whole number.
  4. Negative numbers represent a loss in flood storage capacity.
  5. With the exception of those volumes calculated and provided by EPA (see Note 6 below), the volumes indicated above were calculated using Terramodel™ terrain modeling software and are based on a comparison of pre-construction and post-remediation conditions (as provided by EPA) for a portion of the 1½-Mile Reach of Housatonic River and adjacent areas between Lyman Street and Elm Street.
  6. Shading indicates volumes calculated and provided by EPA.
  7. Per the agreement between EPA and GE, gains/losses located below the mean water surface elevation of the 1½-Mile Reach of Housatonic River (generally located at elevation 971 ft AMSL) have been excluded from this assessment.





>978-979 gain of 26.4 yards

2. Min/Max elevations of original and as-built surfaces:

Harry's Supermarket

Original	min. 977.87	max 991.07
As-built	min. 977.98	max 991.05

55 Root Place

Original	min. 980.34	max 981.84
As-built	min. 979.25	max 981.68

Johnson

Original	min. 977.49	max 981.88
As-built	min. 974.84	max 981.17

Massery

Original	min. 978.42	max 986.00
As-built	min. 976.70	max 984.75

Barbalunga

Original	min. 970.00	max 998.00
As-built	min. 976.67	max 997.91

Note: In LDD the volume difference is only computed where the surfaces overlap. Any areas where both surfaces do not overlap is disregarded.

3. Incremental volume change by elevation for the aquatic enhancement structures and the 4 out-of-river properties (see attached table). My results were based on the "pond" feature in LDD and are very APPROXIMATE.

The elevation shown represents the top of the increment range.

If you have any questions; give me a call. Thanks.

Jeff

Jeff Randall P.E.  
Civil Engineer  
MA Registration #47116  
Hill-Engineers, Architects, Planners Inc.  
50 Depot Street  
Dalton, MA 01226  
(413) 684-0925 x137

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return e-mail and delete this e-mail from your system. Thank You. (See attached file: SUMMARY TABLE VOLUME BY ELEVATION(HILL ENG 8-20-08).xls)

# Volume Change by Elevation Increment

## Massery Parcel (I9-4-201)

Elevation Increment	Original (cumulative)	Original (Net)	As-Built (Cumulative)	As-Built (Net)	Net Gain or Loss in Flood Storage*
983-984	72	65	71	64	1
984-985	7	7	7	7	0
985-986	0	0	0	0	0
					<b>1</b>
					<b>Total</b>

\* postive number denotes gain.

Flood Storage Capacity Volumes reflect restoration work performed by both EPA and GE.

Original topo/surface provided by Weston Solutions, Inc. is is not the result of a topographic survey by Hill-Engineers, Architects, Planners, inc.

## Barbalunga Parcel (I8-23-6)

Elevation Increment	Original (cumulative)	Original (Net)	As-Built (Cumulative)	As-Built (Net)	Net Gain or Loss in Flood Storage*
985-986	1303	748	1198	728	20
986-987	555	409	470	410	-1
987-988	146	126	60	60	66
988-989	20	15	0	0	15
989-990	5	5	0	0	5
					<b>105</b>
					<b>Total</b>

\* postive number denotes gain.

Flood Storage Capacity Volumes reflect restoration work performed by the EPA only.

Original topo/surface provided by Weston Solutions, Inc. is is not the result of a topographic survey by Hill-Engineers, Architects, Planners, inc.

## Harry's Supermarket Parcel (I8-24-1)

Elevation Increment	Original (cumulative)	Original (Net)	As-Built (Cumulative)	As-Built (Net)	Net Gain or Loss in Flood Storage*
985-986	2329	729	2133	555	174
986-987	1600	506	1578	476	30
987-988	1094	406	1102	407	-1
988-989	688	318	695	327	-9
989-990	370	263	368	262	1
990+	107	107	106	106	1
					<b>196</b>
					<b>Total</b>

\* postive number denotes gain.

Flood Storage Capacity Volumes reflect restoration work performed by the EPA only.

Original topo/surface provided by Weston Solutions, Inc. is is not the result of a topographic survey by Hill-Engineers, Architects, Planners, inc.

---

## River Banks and Channels

Elevation Increment	Original (cumulative)	<b>Original (Net)</b>	As-Built (Cumulative)	<b>As-Built (Net)</b>	Net Gain or Loss in Flood Storage*	
985-986	89	<b>44</b>	100	<b>48</b>	-4	
986-987	45	<b>28</b>	52	<b>30</b>	-2	
987-988	17	<b>13</b>	22	<b>16</b>	-3	
988-989	4	<b>4</b>	6	<b>5</b>	-1	
989-990	0	<b>0</b>	1	<b>1</b>	-1	
					<b>-11</b>	<b>Total</b>

\* positive number denotes gain.

Flood Storage Capacity Volumes reflect restoration work performed by the EPA remediation limits only.

**Updated 9-8-08**

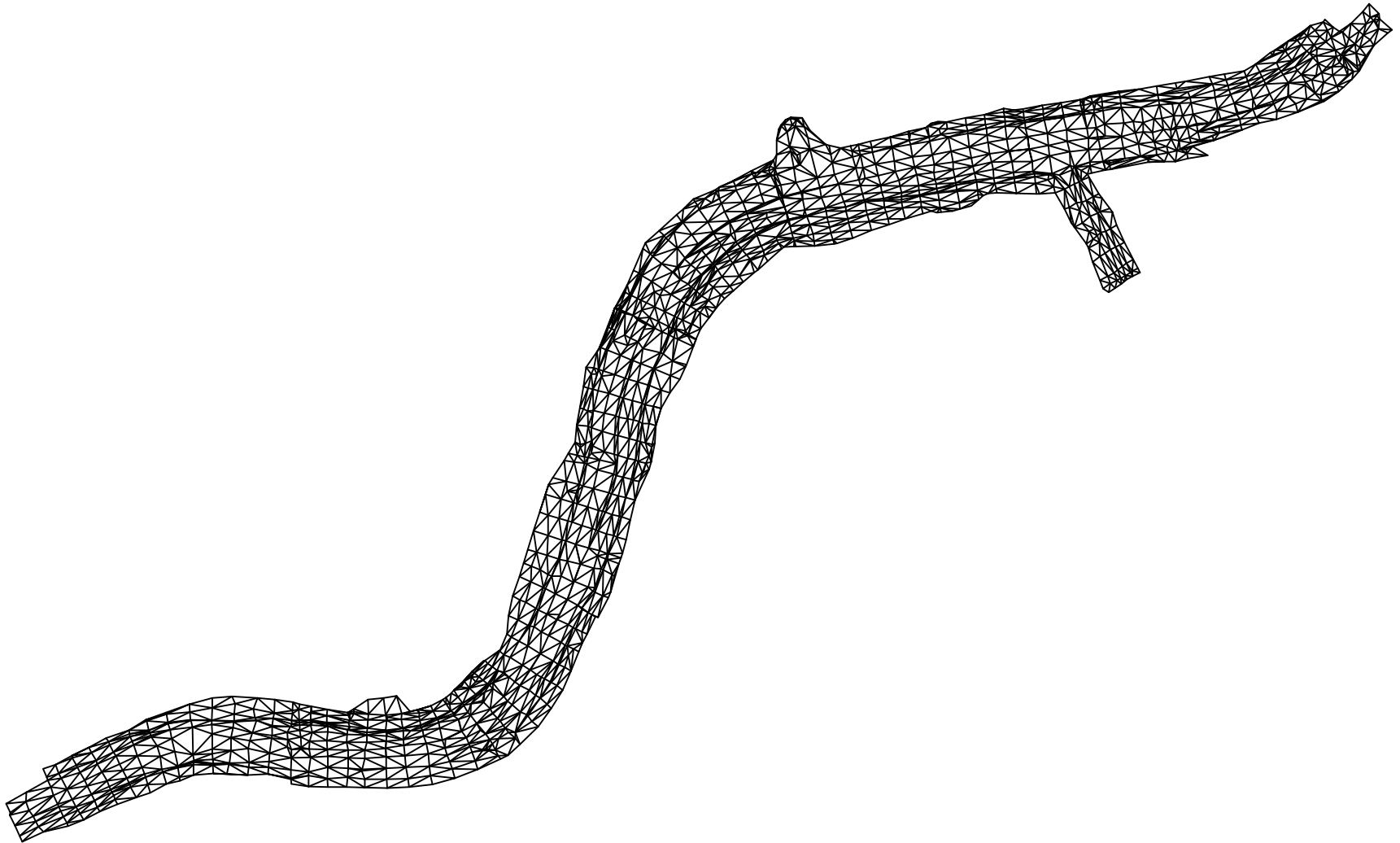
## APPROXIMATE INCREMENTAL VOLUME LOSS FOR AQUATIC ENHANCEMENTS

<u>ELEV</u>	<u>AQUATIC ENHANCEMENTS</u>
971	25
970	60
969	60
968	25
967	13
966	13
965	
<b>TOTAL</b>	196

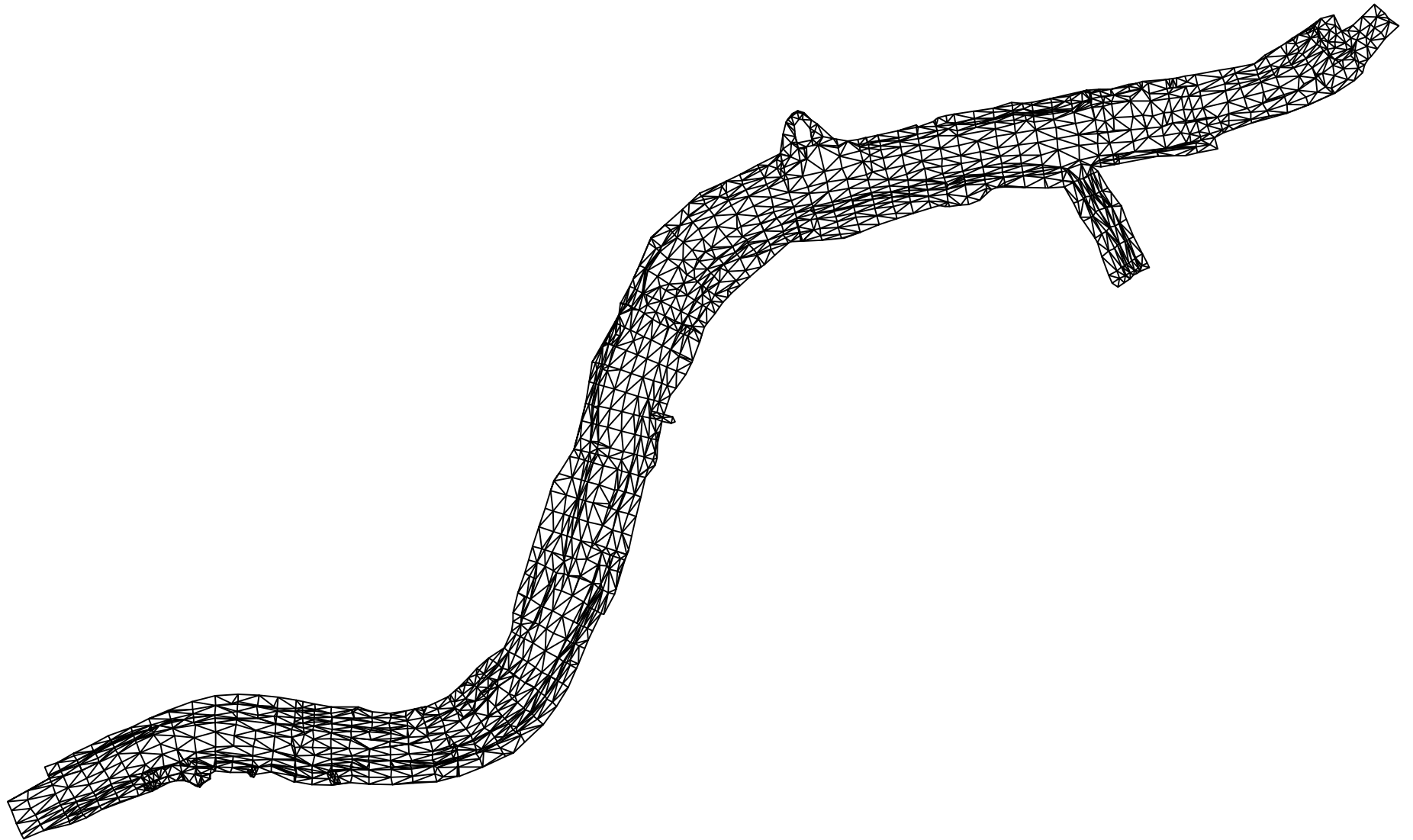
NOTE: THE AQUATIC ENHANCEMENTS WERE "FIELD CHECKED" AND ADDED TO THE PLAN WITHOUT THE ASSISTANCE OF A TOPOGRAPHIC SURVEY. SOME OF THE BOULDERS WERE BELOW WATER LEVEL AND COULD NOT BE LOCATED. ALL OF THE AQUATIC ENHANCEMENTS ARE BETWEEN 966+/- AND 971+/- IN PHASE 1.



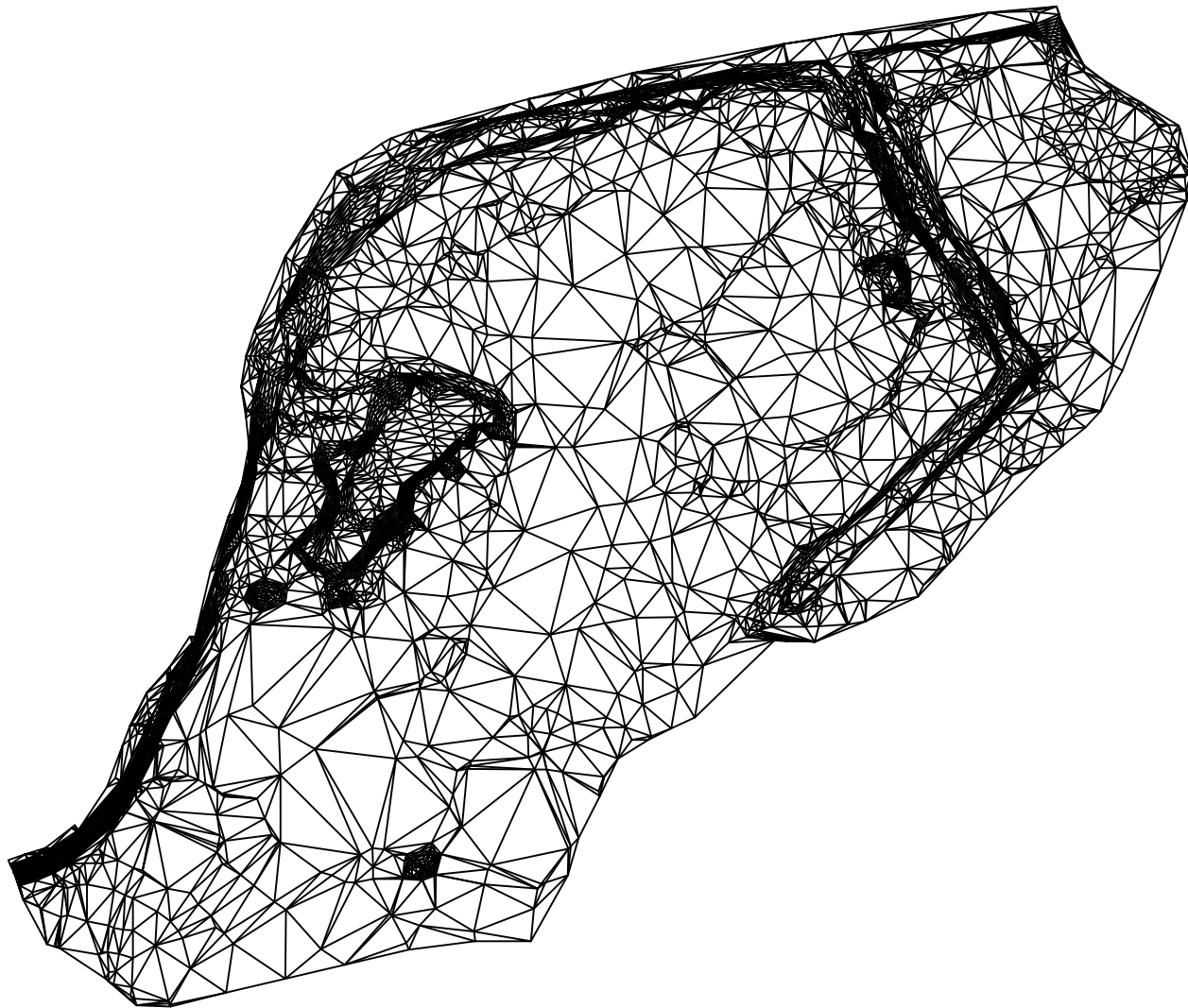
EXISTING  
IN RIVER



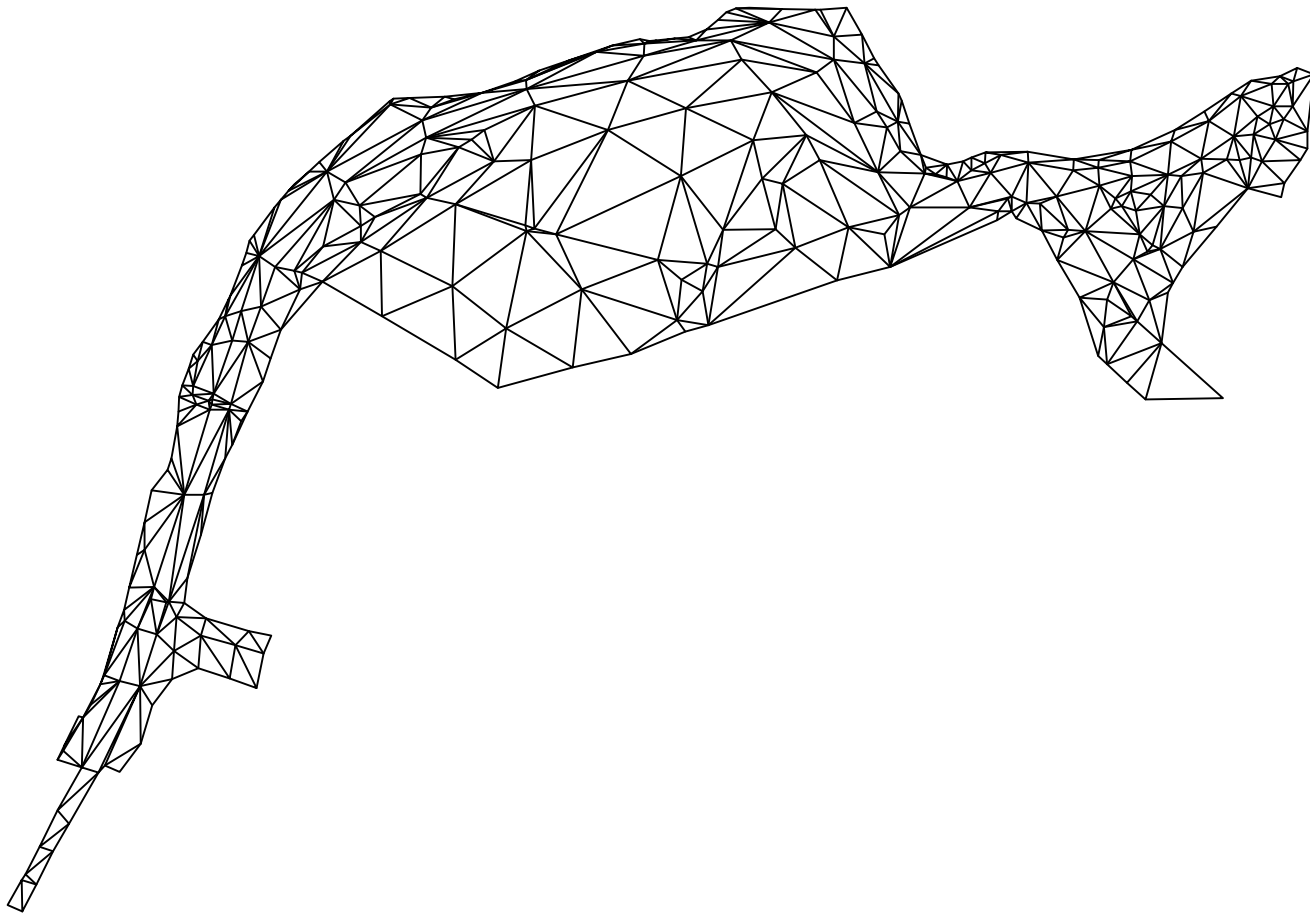
# AS-BUILT IN RIVER



# EXISTING BARBALUNGA

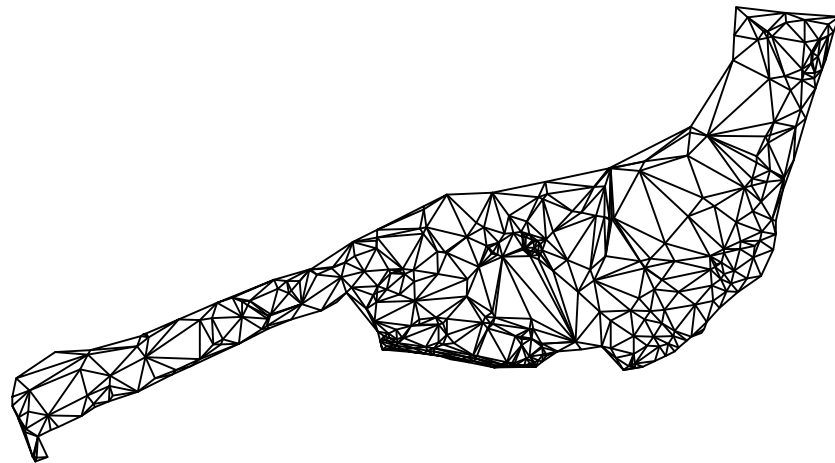


AS—BUILT  
BARBALUNGA



EXISTING

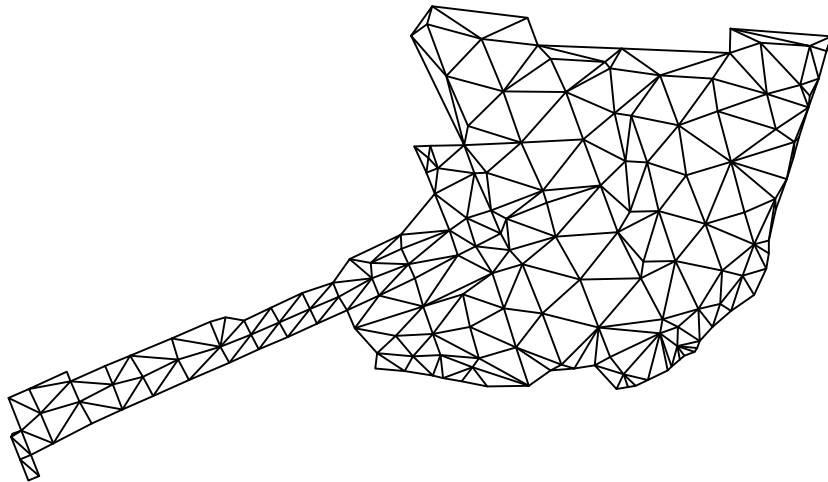
HARRY SUPERMARKET





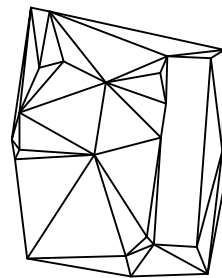
AS BUILT

HARRY SUPERMARKET



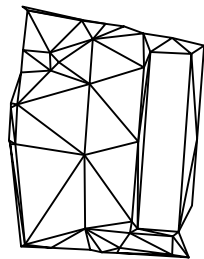
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ROOT PLACE



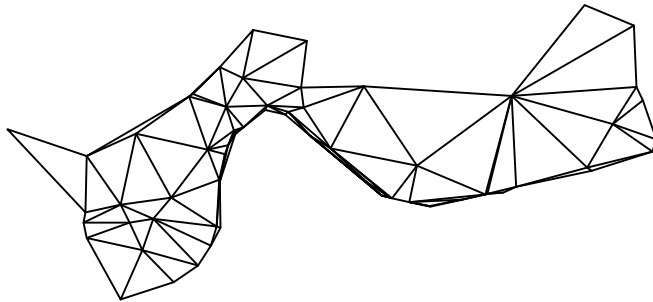
AS-BUILT

ROOT PLACE



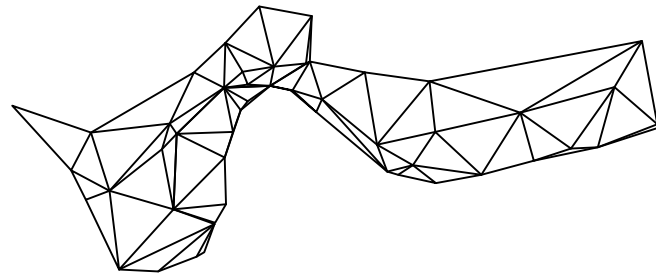
EXISTING

JOHNSON



AS BUILT

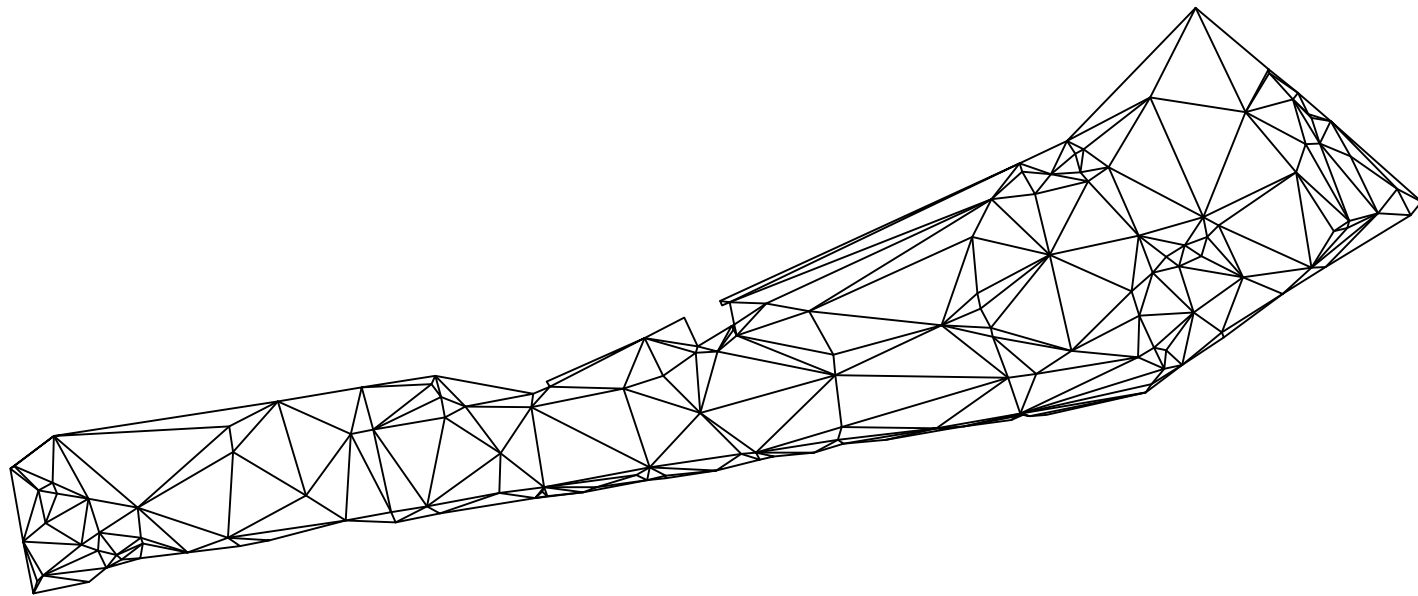
JOHNSON





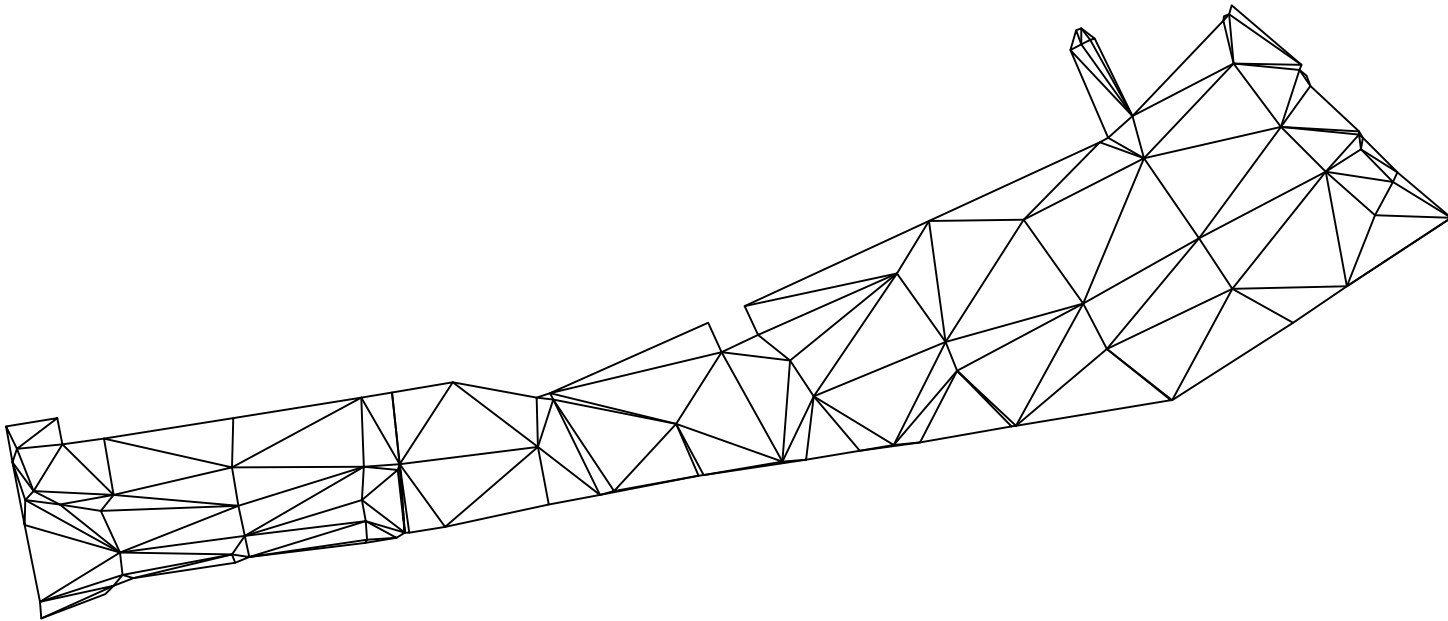
EXISTING

MASSERY



A S B U I L T

M A S S E R Y



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**Exhibit X**

East Street Area 2-South Removal  
Action

**TABLE X**  
**EAST STREET AREA 2-SOUTH REMOVAL ACTION**  
**FLOOD STORAGE ASSESSMENT**  
**GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

<b>Activity Performed</b>	<b>Installation of Enhanced Pavement within Portions of Averaging Area 4B</b>
<b>100-Year Floodplain Elevation (ft AMSL)</b>	990.50
<b>Incremental Elevation (ft AMSL)</b>	<b>Change in Flood Storage Capacity (cy)</b>
<b>Less Than 982</b>	-11
<b>982-983</b>	-1
<b>983-984</b>	0
<b>984-985</b>	-57
<b>985-986</b>	-132
<b>986-987</b>	-265
<b>987-988</b>	-12
<b>988-989</b>	-25
<b>989-990</b>	-22
<b>990-991</b>	0
<b>991-992</b>	0
<b>Total (cy)</b>	<b>-526</b>

Notes:

1. ft AMSL - feet above mean sea level.
2. cy - cubic yards.
3. Volumes in the above table are shown to the nearest whole number.
4. Negative numbers represent a loss in flood storage capacity.
5. Calculations assume the installation of three inches of new pavement over those enhanced pavement areas shown on Figure A-1 of the East Street Area 2-South *Second Addendum to Conceptual Removal Design/Removal Action Work Plan* (letter report from GE to EPA dated April 21, 2009).
6. The volumes indicated above are preliminary and will be revised in the future based on: 1) the scope of response actions to be presented in the forthcoming *Final Removal Design/Removal Action Work Plan for East Street Area 2-South*; and 2) final (as-built) conditions.







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**Exhibit XI**

*Hydraulic Modeling Analysis of  
Flood Conditions in the ½-Mile  
Reach of Housatonic River*



# Hydraulic Modeling Analysis of Flood Conditions in the ½ Mile Reach of the Housatonic River

April 2009

## Introduction

This document presents the results of a hydraulic modeling analysis of flood conditions on the ½ Mile Reach of the Housatonic River (i.e., the portion of the East Branch of the river between Newell St. and Lyman St.) in Pittsfield, MA. The objective of this analysis was to evaluate the impact on flood elevations and extent due to changes in floodplain topography associated with remediation actions and building demolition activities in the vicinity and just downstream of the General Electric (GE) facility.

To do so, this analysis compares various flood elevations and extent under conditions existing in the mid-1990s (referred to herein as “pre-remediation/demolition” conditions) with those under current and anticipated conditions following completion of a number of soil/sediment remediation and building demolition projects within the river and the 100-year floodplain in this vicinity (referred to herein as “post-remediation/demolition” conditions). Those projects consist of:

- Completed, ongoing, and anticipated soil remediation actions along the ½ Mile Reach under the Consent Decree for the GE-Pittsfield/Housatonic River Site, including riverbank remediation on the ½ Mile Reach, installation of engineered barriers at Newell Street Areas I and II and the Lyman Street Area, planned installation of enhanced pavement at East Street Area 2-South, and soil grading at several areas;
- The completed or anticipated demolition of several buildings within the floodplain in the ½ Mile Reach, including GE’s Thermal Oxidizer, buildings within the 60s Complex, and buildings at Newell Street Area I; and
- The Removal Action conducted by the United States Environmental Protection Agency (EPA) in the 1½ Mile Reach of the River (i.e., from Lyman St. to the confluence of the East and West Branches).

The comparisons of flood elevations and extent under pre-remediation/demolition conditions with those under post-remediation/demolition conditions were performed for several flow rates, ranging from annual average flow to the 100-year flood event.

## Model Setup

The analysis included application of the U.S. Army Corps of Engineers (USACE) HEC-RAS model (USACE 2002b) and was performed in a manner consistent with previous work on floodplain delineation and modeling on this system conducted by the Federal Emergency

Management Agency (FEMA), by EPA (USACE 2002a; EPA 2008), and by ARCADIS (formerly Blasland, Bouck and Lee [BBL]; BBL 1991, 1992, 1996, 1999). HEC-RAS input files from EPA's hydraulic modeling analysis of the 1½ Mile Reach (EPA 2008) were provided to GE; these files were used to assist in GE's development of the hydraulic model for the ½ Mile Reach. Basic model characteristics are described below.

### Model Geometry

- The model's computational domain included the ½ Mile and the 1½ Mile Reaches (i.e., from Newell St. to the East/West Branch Confluence). The ½ Mile Reach was represented in the model by 26 transects (Figure 1), while the EPA model of the 1½ Mile Reach included 162 transects. Transect elevations in each of these reaches were specified as follows:
  - Pre-remediation/demolition site topographic data (Figure 2) were used to generate cross-sections at the 26 transect locations within the ½ Mile Reach.<sup>1</sup>
  - Similarly, site topographic data (Figure 3) were used to regenerate cross-sections in the ½ Mile Reach for post-remediation/demolition conditions at the same 26 locations. The post-remediation/demolition topography incorporated data on the remediation projects from As-Built drawings in all areas except East Street Area 2-South, where design activities have not yet been performed and anticipated future conditions were used. The areas in the ½ Mile Reach floodplain that were or will be subject to the remediation/demolition activities considered in this analysis are shown in Figure 1. The resulting changes in topography at all model transects in these areas due to the remediation/demolition activities are shown in Figures 4a through 4m. On these figures, changes in topography due to remediation activities (barrier installation, soil grading, etc.) are noted.
  - Pre- and post-remediation/demolition cross-sections in the 1½ Mile Reach were incorporated from the respective HEC-RAS model input files provided by EPA (e.g., EPA 2008).
- The buildings removed or expected to be removed within the ½ Mile Reach (see Figure 1) were represented in the model as obstructions in the pre-remediation/demolition scenario, with elevations set at a nominal height above the 100-year flood elevation. Representing the buildings in this way allowed for the model to simulate any resulting flow resistance during overbank conditions. These obstructions were removed from the model for the post-remediation/demolition scenario (i.e., the transect elevations were set to those of the building slabs). However, the following buildings were not represented in this manner:

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<sup>1</sup> Figures 1 to 3 show 27 transects in the ½ Mile Reach. Transect 1 (located downstream of Lyman Street) was omitted in the model, as geometry in the 1½ Mile Reach was based on the EPA model inputs.

- Based on discussions with EPA, the 30s Complex buildings were excluded from both scenarios; and
- The former Thermal Oxidizer complex had two parts: buildings and a retaining wall. These were represented in the model as follows:
  - o the buildings within the complex were represented as described above (i.e., they were represented as solid obstructions with an elevation set nominally above the 100-year flood elevation for the pre-remediation/demolition simulation, and they were removed for the post-remediation/demolition simulation)
  - o the retaining wall was represented as a solid obstruction having a height of 2'8" for the pre-remediation/demolition scenario (e.g., see Figures 1 and 4e), and was removed for the post-remediation/demolition simulation.
- Post-remediation/demolition elevations in areas of East Street Area 2-South planned to receive enhanced pavement were assumed to be three inches above the current conditions.

### Bridges

- Bridge geometry was specified to be consistent with that used in EPA's modeling of the 1½ Mile Reach (USACE 2002a) as well as the previous BBL modeling efforts (e.g., BBL 1999).
- The GE footbridge was simulated as a bridge under pre-remediation/demolition conditions, but was removed from the model for simulation of post-remediation/demolition conditions (with the exception of the bridge abutments which remain in place). Areas of ineffective flow were used to account for the impact of the abutments in the model.

### Boundary Conditions and Flow

The flow rates simulated with the model are consistent those used by EPA in modeling of the 1½ Mile Reach (e.g., EPA 2008), and range from the annual average to the 100-year event, as listed in Table 1 below. Based on discussions with EPA, two additional flow rates between the 10- and 50-year events were simulated, the purpose of which was to isolate the impacts of the engineered barriers within the Lyman Street Area and Newell Street Area 2 (see Figure 1) by targeting post-remediation/demolition water surface elevations within the range of 985 feet at Lyman Street and 987 feet at Newell Street. These two flows are referred to as 10-50-year A and 10-50-year B in this analysis, and correspond to approximate return periods of 17 and 30 years, respectively.

**Table 1. Flow rates simulated with the model.**

<b>Return Period</b>	<b>Flow Rate (cfs)</b>
Annual Avg.	134
0.5-year	1,422
1-year	1,670
1.5-year	1,761
2-year	2,047
5-year	3,336
10-year	4,375
10-50-year A	5,330
10-50-year B	6,285
50-year	7,239
100-year	8,721

The downstream model boundary condition was specified as a critical depth boundary condition at Woods Pond Dam, consistent with EPA's modeling of the 1½ Mile Reach (EPA 2008). Such use of a downstream boundary far from the area of interest in HEC-RAS is recommended so that it does not affect the accuracy of calculations (e.g., USACE 2002b).

#### Roughness Parameters

Manning's coefficients (n values) were specified based on the nature of the riverbed, banks, and floodplain in the ½ Mile Reach and were consistent with the EPA modeling of the 1½ Mile Reach (USACE 2002a; EPA 2008). Table 2 lists the Manning's coefficient values used in the model for each of the 26 transects within the ½ Mile Reach. These values varied between pre-and post-remediation/demolition conditions, as discussed below.

For the floodplain, a value of 0.052 was specified for the pre-remediation/demolition scenarios, consistent with the original HEC-2 modeling conducted by BBL (e.g., BBL [1996]). The post-remediation/demolition floodplain values were modified from the base pre-remediation value to reflect changes in land cover that occurred or are expected to occur from the remediation/demolition activities (Table 2). For example, in transects where a portion of the floodplain was changed from pavement to a vegetative cover, the Manning's coefficient was adjusted upward, based on conventional values used in hydraulic modeling, to reflect the increased roughness.

For the river channel, a value of 0.038 was specified for pre-remediation/demolition conditions; this value was determined in part through model calibration (see below) and represents an average of the EPA pre-remediation Manning's coefficients specified in the channel of the 1½ Mile Reach. Specification of channel Manning's coefficients for post-remediation/demolition conditions was consistent with the methods used by EPA for the 1½ Mile Reach model; specifically:



- The river channel was divided so that separate values were specified for the banks and the river bottom.
- The Manning's coefficient values for the channel bottom (ranging from 0.033 to 0.037) were similar to those used by EPA in the 1½ Mile Reach model (EPA 2008).
- The banks were further divided into lower and upper sections, with the lower banks comprising the areas containing riprap and the upper banks comprising those containing vegetation/plantings. The delineation of these areas was based on maps provided in the annual monitoring reports on the ½ Mile Reach (e.g., Figure 2-1 of ARCADIS 2008).
- The Manning's coefficient values for lower banks were set based upon the size of riprap, where present (based on Figure 4-1 of ARCADIS 2008).
- Values for the upper banks were based on the nature of vegetation/planting at each transect location (as shown on Figure 2-1 of ARCADIS 2008). For example, higher Manning's coefficient values were specified for areas with dense vegetation (e.g., understory species, red-osier dogwoods, vines) compared to areas with more open space.
- The last column of Table 2 provides a description of the features that were used as the basis for selecting the post-remediation/demolition Manning's coefficient values. The specific values were chosen to be consistent with those used by EPA in the 1½ Mile model (e.g., Table 2.8-1 of USACE 2006).

## **Model Calibration and Simulation Methods**

Model calibration was performed to simulate the 100-year flood under pre-remediation/demolition conditions; calibration targets were the water surface elevations estimated for the 100-year flood by FEMA (1987). The Manning's coefficient for the ½ Mile river channel was adjusted within a range of reasonable values (e.g., USACE [2002b]) during calibration to improve the match to the FEMA elevations. Using the same model input parameters, simulations were also performed for the 10-year and 50-year floods under pre-remediation/demolition conditions (and compared to the FEMA-estimated water surface elevations for these flood conditions) to allow for a validation of the model.

Following calibration, post-remediation/demolition conditions (i.e., modified transect elevations, removal of obstructions where building demolition occurred, and removal of the bridge deck for the GE Footbridge) were used in the model to calculate the resulting changes in flood elevation and flood extent under the various flow rates simulated with the model (listed in Table 1).

The HEC-RAS model generated water surface elevations at each transect under the various flow and topographical conditions. For each flow rate, calculation of flood extent (i.e., acres inundated) was performed by comparing the predicted water surface elevations at each of the 26 transects within the ½ Mile Reach with the appropriate topographic data in ArcGIS. For a given model simulation, a point along a given transect was considered inundated if the predicted

water surface elevation was greater than the appropriate topographic elevation at that location.<sup>2</sup> The footprints of the buildings were not explicitly considered in this mapping of land surface inundation, as the focus of the mapping analysis was on the spatial limits of inundation, which are a function of land surface topography and model-calculated water surface elevation (however, the flow resistance from the buildings and resulting impacts on water surface elevations are represented in the model calculations, as described above). These points were converted to a Triangular Irregular Network (TIN) in ArcGIS and then converted to a uniform raster image, with sides of approximately 1 m<sup>2</sup> to allow calculation of the total acres inundated along the 26 transects for a particular simulation.

### Calibration Results

Figures 5a through 5c show the pre-remediation/demolition water surface elevations predicted by the model for the 100-, 50-, and 10-year floods, respectively, as compared to FEMA (1987) estimates at each of the bridge crossings within the study area (note that the model results shown for the 1½ Mile Reach are the same as those shown in EPA [2008]). The general slope of the water surface and the elevations predicted by the model show good agreement with the FEMA estimates in the ½ Mile Reach under all three flood conditions evaluated, as shown by Figures 5a-c and Table 3, below.

**Table 3. Comparison of model-predicted water surface elevations with FEMA estimates at ½ Mile Reach bridge crossings.**

Location	Flood Event	Water Surface Elevation (ft NGVD29)	
		Model Prediction	FEMA Estimate
Newell Street Bridge	10-yr	984.9	985.8
	50-yr	989.5	990.0
	100-yr	990.7	991.5
GE Footbridge	10-yr	983.7	984.3
	50-yr	987.9	987.8
	100-yr	990.1	989.8
Lyman Street Bridge	10-yr	983.2	983.9
	50-yr	986.8	987.4
	100-yr	988.5	989.3

The largest difference between the model-predicted water surface elevation and the FEMA estimates for the 100-year flood is at Newell and Lyman Streets, where the model-predicted

<sup>2</sup> An exception to this was the occurrence of several areas located far from the river for which topographic elevations were lower than the predicted water surface elevations under a given flood flow, but would not likely be inundated by the river. For the purposes of estimating inundation areas, the effect of such isolated “ponds” that are not hydraulically connected to the river during given flood conditions was limited by specifying such areas as ineffective flow in HEC-RAS. That is, the model calculations would not allow water to be conveyed through a low-lying area at the far edge of a transect unless the water surface elevation was above the ground elevation at all points between the low-lying area and the riverbank. This setting was used to constrain the estimates of inundation area; however, the effect of this setting on the model-predicted water surface elevations is negligible.

water surface elevation is approximately 0.8 ft lower than the FEMA estimate. This under-prediction of the model in the ½ Mile Reach is likely due to the divergence between the model and FEMA predictions in the 1½ Mile Reach at Elm Street (as documented in USACE [2002a]) that propagates upstream into the ½ Mile Reach. As discussed by USACE (2002a), this divergence may be attributed to differences in calculation methods and cross-section data in the vicinity of Elm Street; for example, the FEMA study assumed subcritical flow and a uniform bed slope, whereas HEC-RAS can include supercritical flow conditions and irregular bed slope. Nonetheless, while the HEC-RAS model results are somewhat lower than the FEMA estimates, this difference is unlikely to affect the model's calculation of the relative difference in water surface elevations between pre- and post-remediation/demolition conditions, which is the objective of this study.

Figures 6a through 6f show the pre-remediation/demolition flood extent predicted by the model for the 100-year, 50-year, 10-50-year B, 10-50-year A, 10-year, and 5-year floods, respectively, in the portion of the ½ Mile Reach floodplain covered by the 26 transects. The results for the 100-year flood simulation are in good agreement with flood extent previously delineated by BBL (1999) and included in the Upper ½ Mile Reach Removal Action Work Plan (Figure 6a). The results are also generally consistent with the FEMA 100-year floodplain in this reach. Differences in the 100-year flood extent likely exist due to the difference in scale; FEMA estimates are based on modeling and data at much larger spatial scales.

As expected, the extent of inundation for the 50-year flood is less than that of the 100-year flood (Figure 6b), and the two flows between the 10 and 50-year floods having approximate return periods of 30 and 17 years (i.e., 10-50-year B and 10-50-year A) have inundation areas that are similar to one another and somewhat smaller than that of the 50-year flood (Figures 6c and 6d). With the exception of a few areas within the ½ Mile Reach floodplain, the model predicts that the river flow is largely contained within its banks during the 10-year flood, and even more so for the 5-year flood (Figures 6e and 6f). For the lower flows simulated (i.e., 2-year flood and smaller), the river is predicted to be completely within its banks.

## **Post-Remediation Results**

A comparison of the modeled pre- and post-remediation/demolition water surface elevations between Newell and Elm Streets for each of the flow rates simulated is depicted in Figures 7a through 7k. These figures indicate that the remediation/demolition activities conducted in the ½ Mile and 1½ Mile Reaches together result in reductions in predicted flood elevations within the ½ Mile Reach under almost all flow conditions simulated. There are few cases where the model predicts essentially no change in water surface elevations (e.g., the upper portion of the ½ Mile Reach for the 10-year flood), but in all cases the model does not predict any increases in flood elevation. The extent of these predicted reductions varies spatially and by flow rate due to several factors. Model sensitivity runs indicated that the principal factor causing the predicted reductions in water surface elevation in the ½ Mile Reach is the reductions in water surface elevation in the 1½ Mile Reach (resulting from remediation) that propagate upstream. Other, smaller factors that contribute to the decrease in post-remediation water surface elevation in the ½ Mile Reach are the removal of the GE footbridge, changes in bathymetry/topography resulting

from remediation/demolition in this reach, and changes in Manning’s coefficients within the river channel and banks. Post-remediation/demolition water surface elevations predicted by the model at several of the simulated flow rates are also depicted graphically on the cross section plots in Figures 8a through 8m. These plots provide an additional means of displaying the flow rates at which the river is predicted to go over bank at each model transect.

Table 4 below shows predicted water surface elevations at each of the ½ Mile Reach bridge crossings, under both pre- and post-remediation/demolition conditions, for the flood flows greater than or equal to the 2-year event (i.e., those resulting in bank-full or overbank conditions). As shown by Table 4, reductions in water surface elevations in the ½ Mile Reach at these three locations are approximately 0.1 to 0.2 ft for the 2-year flood, 0.3 to 0.6 ft for the 5-year flood, <0.1 to 0.4 ft for the 10-year flood, 0.4 to 1.0 ft for the approximate 17 year flood (10-50-year A), 0.3 to 1.2 ft for the approximate 30 year flood (10-50-year B), 0.5 to 1.5 ft for the 50-year flood, and 1.1 to 2.2 ft for the 100-year flood.

**Table 4. Model-predicted water surface elevations at bridge crossings within the ½ Mile Reach.**

Location	Flood Event	Model-Predicted Water Surface Elevation (ft NGVD29)		
		Pre-Remediation	Post-Remediation	Difference
Newell Street Bridge	2-yr	980.51	980.37	-0.14
	5-yr	982.85	982.56	-0.29
	10-yr	984.93	984.90	-0.03
	10-50-yr A	987.25	986.86	-0.39
	10-50-yr B	988.02	987.70	-0.32
	50-yr	989.49	988.97	-0.52
	100-yr	990.74	989.55	-1.19
GE Footbridge	2-yr	979.41	979.23	-0.18
	5-yr	981.47	980.90	-0.57
	10-yr	983.69	983.32	-0.37
	10-50-yr A	986.07	985.05	-1.02
	10-50-yr B	986.50	985.33	-1.17
	50-yr	987.94	986.40	-1.54
	100-yr	990.07	987.89	-2.18
Lyman Street Bridge	2-yr	978.96	978.81	-0.15
	5-yr	980.89	980.26	-0.63
	10-yr	983.24	982.80	-0.44
	10-50-yr A	985.30	984.61	-0.69
	10-50-yr B	985.42	984.72	-0.70
	50-yr	986.79	985.68	-1.11
	100-yr	988.48	987.43	-1.05

Table 5 presents a complete listing of pre- and post-remediation/demolition water surface elevations and current velocities at all modeled transects in the ½ Mile Reach and for all flow

rates simulated (raw HEC-RAS model outputs are given in Appendix 1). Post-remediation/demolition changes in flood elevation for the 100-year event range from a decrease of 0.8 ft to a decrease of 2.2 ft (average decrease of approximately 1.5 ft). For the 50-year event, changes in water surface elevation range from a decrease of 0.5 ft to a decrease of 1.5 ft (average decrease of approximately 0.9 ft). Somewhat smaller changes were predicted for the two events between the 50- and 10-year floods (i.e., 10-50-year B [ $\sim$ 30-year] and 10-50-year A [ $\sim$ 17-year]), ranging from a decrease of 0.3 ft to a decrease of 1.2 ft (average decrease of approximately 0.6 ft for both flows). For the 10-year event, changes in flood elevation range from a decrease of  $<0.1$  ft to a decrease of 0.4 ft (with an overall average decrease of 0.2 ft). Finally, changes in flood elevation for the 5-year event range from a decrease of 0.3 ft to a decrease of 0.6 ft (with an overall average decrease of 0.5 ft). Statistics for the smaller floods are generally similar to those of the 5-year event, with slightly smaller decreases (i.e., decreases ranging from 0.1 to 0.4 ft and averaging 0.2 to 0.3 ft).

With respect to flood extent within the  $\frac{1}{2}$  Mile Reach transects, a comparison of the pre-remediation/demolition flood extent predicted by the model with the predicted post-remediation/demolition flood extent is shown on Figures 9a through 9f. For the 100-year event, the post-remediation/demolition flood extent decreases by approximately 50 acres (from 126 to 80 acres; Figure 9a). Similarly, for the 50-year event, the post-remediation/demolition flood extent decreases by approximately 20 acres (from 74 to 54 acres; Figure 9b). Flood inundation area also decreases, but to a lesser extent, for the 10-50-year B ( $\sim$ 30-year event) and 10-50-year A ( $\sim$ 17-year event) flows, with respective reductions of 8 acres (from 52 to 44 acres; Figure 9c) and 15 acres (from 49 to 34 acres; Figure 9d). For the 10-year and 5-year events, since much of the river flow is within bank, the change in flood extent is relatively small between pre- and post-remediation/demolition conditions; in these cases, the flood extent decreases by approximately 1 to 2 acres (Figures 9e and 9f). At flows less than or equal to the 2-year event, the model predicts the river to remain within bank, so there is no significant change in flood inundation extent for these flows.

Although the impact of remediation/demolition activities was evaluated primarily in terms of flood elevation and inundation extent, average transect velocities are also presented in Table 5. On average, the velocity differences are small for various flow events simulated (i.e., average increases in velocity of less than a 1 ft/s under post-remediation/demolition conditions); however at certain locations, velocities between pre- and post-remediation/demolition conditions decrease by as much as 0.7 ft/s (annual average flow) and increase by as much as 4 to 5 ft/s (50- and 100-year floods). Similar changes were also predicted for the  $1\frac{1}{2}$  Mile Reach in EPA's (2008) hydraulic modeling analysis.



## Conclusion

The hydraulic modeling analysis described herein demonstrates that the remediation and demolition activities conducted or anticipated to be conducted by GE in the ½ Mile Reach floodplain, together with the remediation performed by EPA in the 1½ Mile Reach, will result in general reductions in both the elevation and extent of floods in the ½ Mile Reach. The greatest reductions predicted by the model were for the 100- and 50-year floods, with varying but smaller reductions predicted for the lower flow floods (i.e., the ~30-year, ~17-year, 10-year, 5-year, 2-year, 1.5-year, 1-year, and 0.5-year events). The model did not predict an increase in water surface elevation at any of the 26 transects, for any of the flows simulated.

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# TABLES

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**Table 2. East Branch Housatonic River Hydraulic Model -- Pre- and Post-Remediation/Demolition Manning's Coefficients.**

Transect #	Floodplain Values				Comments	Channel and Bank Values					Comments		
	Pre-Remediation / Demolition <sup>1</sup>		Post-Remediation / Demolition			Pre - Remediation / Demolition	Post-Remediation / Demolition <sup>2</sup>						
	FP Right	FP Left	FP Right	FP Left		Channel + Banks	RB_upper	RB_lower	Channel	LB_lower		LB_upper	
27	0.052	0.052	0.052	0.052	Upstream of Newell Street -- no changes	0.038	0.038	0.038	0.038	0.038	0.038	Upstream of Newell Street -- no changes	
26	0.052	0.052	0.052	0.052		0.038	0.038	0.038	0.038	0.038	0.038		
25	0.052	0.052	0.052	0.052	No significant changes	0.038	0.090	0.037	0.033	0.060	0.060	RB_upper: many trees and dense brush (contains dogwood and understory) RB_lower: 9" riprap LB: mix of dense trees and brush with no vegetation adjacent to bridge	
24	0.052	0.052	0.052	0.052		0.038	0.090	0.037	0.033	0.080	0.080	RB_upper: many trees and dense brush (contains dogwood, understory, and vine patches) RB_lower: 9" riprap LB: many trees and dense brush	
23	0.052	0.052	0.052	0.052		0.038	0.040	0.037	0.033	0.080	0.080	RB_upper: some small brush (adj. to Bldg. 64-X) RB_lower: 9" riprap LB: many trees and dense brush	
22	0.052	0.052	0.052	0.052		0.038	0.080	0.037	0.037	0.080	0.080	RB_upper: many trees and dense brush RB_lower: 9" riprap Channel: some remediation LB: many trees and dense brush	
21	0.052	0.052	0.052	0.052		0.038	0.090	0.037	0.035	0.080	0.080	RB_upper: many trees and dense brush (contains some dogwood and some understory) RB_lower: some 9" rip rap Channel: part no remediation LB: many trees and dense brush	
20	0.052	0.052	0.055	0.052		FP Right: portion changed from paved to vegetative barrier	0.038	0.085	0.037	0.033	0.085	0.085	RB_upper: many trees and dense brush (contains dogwood); RB_lower: 9" riprap; LB: many trees and dense brush (contains understory)
19	0.052	0.052	0.055	0.052		FP Left: no significant changes	0.038	0.090	0.037	0.033	0.080	0.080	RB_upper: many trees and dense brush (contains understory and dogwood) RB_lower: 9" riprap LB: many trees and dense brush
18	0.052	0.052	0.055	0.480	FP Right: portion changed from paved to vegetative barrier	0.038	0.085	0.037	0.033	0.080	0.080	RB_upper: many trees and dense brush (contains dogwood) RB_lower: 9" riprap LB: many trees and dense brush	
17	0.052	0.052	0.055	0.048	FP Left: portion changed from vegetated to gravel or paved	0.038	0.090	0.037	0.033	0.080	0.080	RB_upper: many trees and dense brush (contains dogwood, understory, and vine patches) RB_lower: 9" riprap LB: many trees and dense brush	
16	0.052	0.052	0.055	0.048		0.038	0.085	0.037	0.033	0.037	0.085	RB_upper: many trees and dense brush (contains dogwood) RB_lower: 9" riprap LB_upper: many trees and dense brush (contains dogwood)	
15	0.052	0.052	0.055	0.052	FP Right: portion changed from paved to vegetative barrier	0.038	0.085	0.037	0.033	0.037	0.085	LB_lower: 9" riprap	
14	0.052	0.052	0.055	0.052	FP Left: no significant changes	0.038	0.090	0.037	0.033	0.037	0.085	RB_upper: many trees and dense brush (contains dogwood and understory) RB_lower: 9" riprap LB_upper: many trees and dense brush (contains dogwood) LB_lower: 9" riprap	

**Table 2. East Branch Housatonic River Hydraulic Model -- Pre- and Post-Remediation/Demolition Manning's Coefficients.**

Transect #	Floodplain Values				Comments	Channel and Bank Values						Comments
	Pre-Remediation / Demolition <sup>1</sup>		Post-Remediation / Demolition			Pre - Remediation / Demolition	Post-Remediation / Demolition <sup>2</sup>					
	FP Right	FP Left	FP Right	FP Left		Channel + Banks	RB_upper	RB_lower	Channel	LB_lower	LB_upper	
13	0.052	0.052	0.055	0.050	FP Right: portion changed from paved to vegetative barrier FP Left: portion near river changed from paved to vegetated; rest of transect changed from vegetated to paved	0.038	0.040	0.040	0.033	0.037	0.085	RB_upper: some small brush (adj. to build 68) LB_upper: many trees and dense brush (contains dogwood) LB_lower: 9" riprap
12	0.052	0.052	0.055	0.055	FP Right: portion changed from paved to vegetative barrier	0.038	0.040	0.040	0.033	0.037	0.085	
11	0.052	0.052	0.055	0.055	FP Left: portion changed from paved to vegetated	0.038	0.085	0.037	0.033	0.040	0.085	RB_upper: many trees and dense brush (contains understory) RB_lower: 9" riprap LB_upper: many trees and dense brush (contains dogwood) LB_lower: 12" riprap
10	0.052	0.052	0.057	0.055	FP Right: portion includes vegetative barrier along with building demolition and silt/grass application	0.038	0.080	0.037	0.033	0.040	0.090	RB_upper: many trees and dense brush (contains understory) RB_lower: 9" riprap LB_upper: many trees and dense brush (contains dogwood and understory) LB_lower: 12" riprap
9	0.052	0.052	0.057	0.055	FP Left: portion changed from paved to vegetative	0.038	0.080	0.037	0.033	0.040	0.085	RB_upper: many trees and dense brush RB_lower: 9" riprap LB_upper: many trees and dense brush (contains dogwood) LB_lower: 12" riprap
8	0.052	0.052	0.057	0.055		0.038	0.085	0.037	0.033	0.037	0.085	RB_upper: many trees and dense brush (contains dogwood) RB_lower: 9" riprap
7	0.052	0.052	0.057	0.055		0.038	0.085	0.037	0.033	0.037	0.085	LB_upper: many trees and dense brush (contains dogwood) LB_lower: 9" riprap
6	0.052	0.052	0.057	0.052	FP Right: portion vegetative barrier along with building demolition and silt/grass application FP Left: no significant changes	0.038	0.090	0.037	0.033	0.037	0.065	RB_upper: many trees and dense brush (contains dogwood, understory, and vine patch) RB_lower: 9" riprap LB_upper: part trees and bushes, part open grass (contains dogwood) LB_lower: 9" riprap
5	0.052	0.052	0.052	0.052	No significant changes	0.038	0.040	0.037	0.033	0.037	0.050	RB_upper: open grass RB_lower: 9" riprap LB_upper: open grass (contains dogwood) LB_lower: 9" riprap
4	0.052	0.052	0.055	0.052	FP Right: portion changed from paved to vegetative	0.038	0.090	0.037	0.033	0.085	0.085	RB_upper: many trees and dense brush (contains dogwood, understory, and vine patch) RB_lower: 9" riprap LB: many trees and dense brush (contains dogwood)
3	0.052	0.052	0.055	0.052	FP Left: no significant changes	0.038	0.080	0.037	0.033	0.085	0.085	RB_upper: many trees and dense brush RB_lower: 9" riprap LB: many trees and dense brush (contains dogwood)
2	0.052	0.052	0.055	0.052		0.038	0.085	0.037	0.033	0.060	0.060	RB_upper: many trees and dense brush (contains understory) RB_lower: 9" riprap LB: part open grass and part many trees and dense brush (contains dogwood)

Notes

<sup>1</sup> FP = floodplain; right and left refer to side of river facing downstream

<sup>2</sup> RB = Right Bank; LB = Left Bank; upper = upper portion of bank; lower = lower portion of bank



**Table 5. Summary of HEC-RAS modeling results in the ½ Mile Reach.**

HEC-RAS Station	Transect Number	Flow Profile	Flow (cfs)	Pre-Remediation/Demolition		Post-Remediation/Demolition		Change (Post - Pre)	
				Elevation (ft NGVD)	Velocity (ft/s)	Elevation (ft NGVD)	Velocity (ft/s)	Elevation (ft)	Velocity (ft/s)
55622	27	Avg Annual	134	974.58	4.28	974.58	4.28	0.00	0.00
		0.5-yr	1,422	978.76	4.95	978.49	5.31	-0.27	0.36
		1-yr	1,670	979.47	4.95	979.26	5.19	-0.21	0.24
		1.5-yr	1,761	979.71	4.96	979.51	5.17	-0.20	0.21
		2-yr	2,047	980.44	5.00	980.28	5.16	-0.16	0.16
		5-yr	3,336	982.77	5.64	982.46	5.88	-0.31	0.24
		10-yr	4,375	984.85	5.78	984.81	5.80	-0.04	0.02
		10-50yrA	5,330	987.16	5.58	986.77	5.73	-0.39	0.15
		10-50yrB	6,285	987.93	5.92	987.60	6.16	-0.33	0.24
		50-yr	7,239	989.43	5.45	988.89	5.92	-0.54	0.47
100-yr	8,721	990.70	5.39	989.47	6.50	-1.23	1.11		
55500	26	Avg Annual	134	972.84	1.18	972.48	1.42	-0.36	0.24
		0.5-yr	1,422	978.85	2.77	978.60	2.88	-0.25	0.11
		1-yr	1,670	979.55	2.93	979.35	3.02	-0.20	0.09
		1.5-yr	1,761	979.79	2.99	979.61	3.07	-0.18	0.08
		2-yr	2,047	980.51	3.15	980.37	3.21	-0.14	0.06
		5-yr	3,336	982.85	3.86	982.56	3.99	-0.29	0.13
		10-yr	4,375	984.93	4.08	984.90	4.10	-0.03	0.02
		10-50yrA	5,330	987.25	3.94	986.86	4.12	-0.39	0.18
		10-50yrB	6,285	988.02	4.27	987.70	4.41	-0.32	0.14
		50-yr	7,239	989.49	4.06	988.97	4.34	-0.52	0.28
100-yr	8,721	990.74	4.13	989.55	4.86	-1.19	0.73		
55342	25	Avg Annual	134	972.80	1.12	972.45	1.35	-0.35	0.23
		0.5-yr	1,422	978.75	3.24	978.50	3.40	-0.25	0.16
		1-yr	1,670	979.44	3.45	979.24	3.59	-0.20	0.14
		1.5-yr	1,761	979.68	3.52	979.49	3.65	-0.19	0.13
		2-yr	2,047	980.39	3.73	980.24	3.84	-0.15	0.11
		5-yr	3,336	982.67	4.64	982.36	4.83	-0.31	0.19
		10-yr	4,375	984.74	4.89	984.70	4.94	-0.04	0.05
		10-50yrA	5,330	986.78	4.93	986.37	5.12	-0.41	0.19
		10-50yrB	6,285	987.32	5.54	986.96	5.72	-0.36	0.18
		50-yr	7,239	988.53	5.64	987.88	6.06	-0.65	0.42
100-yr	8,721	990.45	5.47	989.12	6.41	-1.33	0.94		
55222	24	Avg Annual	134	972.80	0.69	972.45	0.77	-0.35	0.08
		0.5-yr	1,422	978.76	2.43	978.52	2.50	-0.24	0.07
		1-yr	1,670	979.45	2.61	979.27	2.66	-0.18	0.05
		1.5-yr	1,761	979.69	2.68	979.52	2.72	-0.17	0.04
		2-yr	2,047	980.40	2.86	980.27	2.90	-0.13	0.04
		5-yr	3,336	982.70	3.65	982.40	3.75	-0.30	0.10
		10-yr	4,375	984.78	3.93	984.74	3.93	-0.04	0.00
		10-50yrA	5,330	986.82	4.01	986.40	4.14	-0.42	0.13
		10-50yrB	6,285	987.37	4.53	987.01	4.64	-0.36	0.11
		50-yr	7,239	988.58	4.63	987.94	4.91	-0.64	0.28
100-yr	8,721	990.49	4.54	989.20	5.19	-1.29	0.65		
55082	23	Avg Annual	134	972.75	1.26	972.41	1.01	-0.34	-0.25
		0.5-yr	1,422	978.66	2.69	978.45	2.59	-0.21	-0.10
		1-yr	1,670	979.36	2.81	979.19	2.72	-0.17	-0.09
		1.5-yr	1,761	979.59	2.86	979.45	2.77	-0.14	-0.09
		2-yr	2,047	980.31	2.98	980.19	2.91	-0.12	-0.07
		5-yr	3,336	982.61	3.59	982.31	3.66	-0.30	0.07
		10-yr	4,375	984.72	3.69	984.68	3.69	-0.04	0.00
		10-50yrA	5,330	986.78	3.68	986.37	3.76	-0.41	0.08
		10-50yrB	6,285	987.34	4.10	986.97	4.17	-0.37	0.07
		50-yr	7,239	988.56	4.21	987.91	4.38	-0.65	0.17
100-yr	8,721	990.44	4.45	989.16	4.69	-1.28	0.24		

**Table 5. Summary of HEC-RAS modeling results in the ½ Mile Reach.**

HEC-RAS Station	Transect Number	Flow Profile	Flow (cfs)	Pre-Remediation/Demolition		Post-Remediation/Demolition		Change (Post - Pre)	
				Elevation (ft NGVD)	Velocity (ft/s)	Elevation (ft NGVD)	Velocity (ft/s)	Elevation (ft)	Velocity (ft/s)
54942	22	Avg Annual	134	972.69	0.95	972.36	1.12	-0.33	0.17
		0.5-yr	1,422	978.52	2.88	978.27	3.10	-0.25	0.22
		1-yr	1,670	979.21	3.05	979.01	3.24	-0.20	0.19
		1.5-yr	1,761	979.44	3.11	979.26	3.29	-0.18	0.18
		2-yr	2,047	980.15	3.28	980.00	3.44	-0.15	0.16
		5-yr	3,336	982.39	4.06	982.03	4.32	-0.36	0.26
		10-yr	4,375	984.50	4.25	984.43	4.34	-0.07	0.09
		10-50yrA	5,330	986.58	4.24	986.10	4.47	-0.48	0.23
		10-50yrB	6,285	987.08	4.78	986.64	5.01	-0.44	0.23
		50-yr	7,239	988.27	4.96	987.53	5.33	-0.74	0.37
100-yr	8,721	990.15	5.11	988.72	5.80	-1.43	0.69		
54802	21	Avg Annual	134	972.64	1.02	972.28	1.22	-0.36	0.20
		0.5-yr	1,422	978.41	2.71	978.10	2.86	-0.31	0.15
		1-yr	1,670	979.09	2.85	978.83	2.97	-0.26	0.12
		1.5-yr	1,761	979.33	2.90	979.07	3.01	-0.26	0.11
		2-yr	2,047	980.03	3.04	979.81	3.14	-0.22	0.10
		5-yr	3,336	982.25	3.74	981.78	3.95	-0.47	0.21
		10-yr	4,375	984.38	3.91	984.21	3.97	-0.17	0.06
		10-50yrA	5,330	986.48	3.91	985.88	4.12	-0.60	0.21
		10-50yrB	6,285	986.95	4.42	986.35	4.65	-0.60	0.23
		50-yr	7,239	988.14	4.59	987.21	4.96	-0.93	0.37
100-yr	8,721	990.04	4.72	988.32	5.44	-1.72	0.72		
54662	20	Avg Annual	134	972.58	1.09	972.15	1.72	-0.43	0.63
		0.5-yr	1,422	978.33	2.51	977.98	2.93	-0.35	0.42
		1-yr	1,670	979.02	2.63	978.71	3.01	-0.31	0.38
		1.5-yr	1,761	979.25	2.67	978.96	3.03	-0.29	0.36
		2-yr	2,047	979.97	2.75	979.71	3.09	-0.26	0.34
		5-yr	3,336	982.20	3.28	981.67	3.65	-0.53	0.37
		10-yr	4,375	984.39	3.01	984.18	3.20	-0.21	0.19
		10-50yrA	5,330	986.52	2.81	985.90	3.05	-0.62	0.24
		10-50yrB	6,285	987.02	3.10	986.39	3.38	-0.63	0.28
		50-yr	7,239	988.26	2.85	987.28	3.45	-0.98	0.60
100-yr	8,721	990.21	2.39	988.47	3.34	-1.74	0.95		
54522	19	Avg Annual	134	972.54	1.25	972.17	0.58	-0.37	-0.67
		0.5-yr	1,422	978.28	2.62	978.00	2.03	-0.28	-0.59
		1-yr	1,670	978.96	2.75	978.73	2.17	-0.23	-0.58
		1.5-yr	1,761	979.20	2.79	978.98	2.22	-0.22	-0.57
		2-yr	2,047	979.91	2.92	979.72	2.36	-0.19	-0.56
		5-yr	3,336	982.14	3.47	981.67	3.09	-0.47	-0.38
		10-yr	4,375	984.33	3.31	984.17	2.92	-0.16	-0.39
		10-50yrA	5,330	986.48	3.03	985.89	2.85	-0.59	-0.18
		10-50yrB	6,285	986.98	3.30	986.37	3.21	-0.61	-0.09
		50-yr	7,239	988.24	2.99	987.25	3.35	-0.99	0.36
100-yr	8,721	990.19	2.53	988.44	3.30	-1.75	0.77		
54382	18	Avg Annual	134	972.45	1.50	972.15	0.93	-0.30	-0.57
		0.5-yr	1,422	978.23	2.66	977.95	2.44	-0.28	-0.22
		1-yr	1,670	978.92	2.80	978.68	2.58	-0.24	-0.22
		1.5-yr	1,761	979.15	2.85	978.93	2.63	-0.22	-0.22
		2-yr	2,047	979.86	2.98	979.66	2.77	-0.20	-0.21
		5-yr	3,336	982.08	3.56	981.59	3.52	-0.49	-0.04
		10-yr	4,375	984.31	3.23	984.12	3.22	-0.19	-0.01
		10-50yrA	5,330	986.48	2.86	985.86	3.06	-0.62	0.20
		10-50yrB	6,285	986.97	3.08	986.34	3.42	-0.63	0.34
		50-yr	7,239	988.23	2.83	987.24	3.40	-0.99	0.57
100-yr	8,721	990.19	2.33	988.43	3.30	-1.76	0.97		

**Table 5. Summary of HEC-RAS modeling results in the ½ Mile Reach.**

HEC-RAS Station	Transect Number	Flow Profile	Flow (cfs)	Pre-Remediation/Demolition		Post-Remediation/Demolition		Change (Post - Pre)	
				Elevation (ft NGVD)	Velocity (ft/s)	Elevation (ft NGVD)	Velocity (ft/s)	Elevation (ft)	Velocity (ft/s)
54242	17	Avg Annual	134	972.42	1.02	972.14	0.85	-0.28	-0.17
		0.5-yr	1,422	978.20	2.51	977.93	2.38	-0.27	-0.13
		1-yr	1,670	978.89	2.66	978.66	2.52	-0.23	-0.14
		1.5-yr	1,761	979.12	2.71	978.91	2.57	-0.21	-0.14
		2-yr	2,047	979.83	2.85	979.65	2.71	-0.18	-0.14
		5-yr	3,336	982.03	3.54	981.56	3.53	-0.47	-0.01
		10-yr	4,375	984.19	3.71	984.03	3.60	-0.16	-0.11
		10-50yrA	5,330	986.37	3.42	985.74	3.62	-0.63	0.20
		10-50yrB	6,285	986.86	3.70	986.21	3.99	-0.65	0.29
		50-yr	7,239	988.15	3.34	987.12	3.95	-1.03	0.61
100-yr	8,721	990.16	2.65	988.35	3.73	-1.81	1.08		
54102	16	Avg Annual	134	972.41	0.85	972.13	0.85	-0.28	0.00
		0.5-yr	1,422	978.17	2.44	977.91	2.42	-0.26	-0.02
		1-yr	1,670	978.85	2.59	978.63	2.56	-0.22	-0.03
		1.5-yr	1,761	979.09	2.64	978.88	2.61	-0.21	-0.03
		2-yr	2,047	979.79	2.79	979.62	2.75	-0.17	-0.04
		5-yr	3,336	981.99	3.47	981.52	3.55	-0.47	0.08
		10-yr	4,375	984.16	3.56	984.00	3.52	-0.16	-0.04
		10-50yrA	5,330	986.38	3.00	985.73	3.37	-0.65	0.37
		10-50yrB	6,285	986.87	3.20	986.20	3.67	-0.67	0.47
		50-yr	7,239	988.17	2.77	987.12	3.57	-1.05	0.80
100-yr	8,721	990.16	2.28	988.35	3.36	-1.81	1.08		
53962	15	Avg Annual	134	972.40	0.74	972.12	0.94	-0.28	0.20
		0.5-yr	1,422	978.14	2.45	977.84	2.62	-0.30	0.17
		1-yr	1,670	978.82	2.61	978.56	2.73	-0.26	0.12
		1.5-yr	1,761	979.05	2.66	978.81	2.77	-0.24	0.11
		2-yr	2,047	979.75	2.81	979.54	2.88	-0.21	0.07
		5-yr	3,336	981.94	3.47	981.41	3.64	-0.53	0.17
		10-yr	4,375	984.11	3.58	983.91	3.57	-0.20	-0.01
		10-50yrA	5,330	986.34	3.16	985.70	3.13	-0.64	-0.03
		10-50yrB	6,285	986.82	3.39	986.18	3.22	-0.64	-0.17
		50-yr	7,239	988.13	2.96	987.13	2.68	-1.00	-0.28
100-yr	8,721	990.15	2.34	988.37	2.09	-1.78	-0.25		
53822	14	Avg Annual	134	972.39	0.72	972.11	0.85	-0.28	0.13
		0.5-yr	1,422	978.10	2.49	977.80	2.57	-0.30	0.08
		1-yr	1,670	978.78	2.66	978.51	2.73	-0.27	0.07
		1.5-yr	1,761	979.01	2.72	978.75	2.78	-0.26	0.06
		2-yr	2,047	979.71	2.89	979.47	2.95	-0.24	0.06
		5-yr	3,336	981.88	3.63	981.28	3.87	-0.60	0.24
		10-yr	4,375	984.05	3.75	983.77	3.86	-0.28	0.11
		10-50yrA	5,330	986.28	3.35	985.50	3.78	-0.78	0.43
		10-50yrB	6,285	986.75	3.67	985.92	4.19	-0.83	0.52
		50-yr	7,239	988.06	3.38	986.86	4.16	-1.20	0.78
100-yr	8,721	990.09	2.84	988.14	4.00	-1.95	1.16		
53682	13	Avg Annual	134	972.38	0.84	972.10	0.90	-0.28	0.06
		0.5-yr	1,422	978.05	2.71	977.75	2.76	-0.30	0.05
		1-yr	1,670	978.72	2.90	978.46	2.92	-0.26	0.02
		1.5-yr	1,761	978.95	2.96	978.71	2.97	-0.24	0.01
		2-yr	2,047	979.65	3.14	979.42	3.13	-0.23	-0.01
		5-yr	3,336	981.78	3.96	981.21	4.10	-0.57	0.14
		10-yr	4,375	983.95	4.14	983.69	4.10	-0.26	-0.04
		10-50yrA	5,330	986.20	3.83	985.40	4.11	-0.80	0.28
		10-50yrB	6,285	986.64	4.22	985.79	4.52	-0.85	0.30
		50-yr	7,239	987.99	3.88	986.77	4.35	-1.22	0.47
100-yr	8,721	990.05	3.28	988.08	4.05	-1.97	0.77		

**Table 5. Summary of HEC-RAS modeling results in the ½ Mile Reach.**

HEC-RAS Station	Transect Number	Flow Profile	Flow (cfs)	Pre-Remediation/Demolition		Post-Remediation/Demolition		Change (Post - Pre)	
				Elevation (ft NGVD)	Velocity (ft/s)	Elevation (ft NGVD)	Velocity (ft/s)	Elevation (ft)	Velocity (ft/s)
53542	12	Avg Annual	134	972.37	0.84	972.09	0.94	-0.28	0.10
		0.5-yr	1,422	978.00	2.82	977.71	2.88	-0.29	0.06
		1-yr	1,670	978.66	3.03	978.41	3.06	-0.25	0.03
		1.5-yr	1,761	978.89	3.09	978.66	3.12	-0.23	0.03
		2-yr	2,047	979.58	3.29	979.37	3.30	-0.21	0.01
		5-yr	3,336	981.69	4.17	981.12	4.32	-0.57	0.15
		10-yr	4,375	983.87	4.33	983.61	4.24	-0.26	-0.09
		10-50yrA	5,330	986.15	3.94	985.32	4.15	-0.83	0.21
		10-50yrB	6,285	986.59	4.36	985.67	4.66	-0.92	0.30
		50-yr	7,239	987.92	4.16	986.63	4.70	-1.29	0.54
100-yr	8,721	990.05	3.20	987.92	4.70	-2.13	1.50		
53402	11	Avg Annual	134	972.35	0.99	972.07	1.04	-0.28	0.05
		0.5-yr	1,422	977.96	2.78	977.67	2.88	-0.29	0.10
		1-yr	1,670	978.62	2.93	978.37	3.03	-0.25	0.10
		1.5-yr	1,761	978.85	2.99	978.62	3.08	-0.23	0.09
		2-yr	2,047	979.54	3.14	979.33	3.23	-0.21	0.09
		5-yr	3,336	981.65	3.90	981.07	4.16	-0.58	0.26
		10-yr	4,375	983.85	3.96	983.55	3.95	-0.30	-0.01
		10-50yrA	5,330	986.15	3.49	985.31	3.66	-0.84	0.17
		10-50yrB	6,285	986.59	3.88	985.66	4.08	-0.93	0.20
		50-yr	7,239	987.91	3.76	986.63	4.08	-1.28	0.32
100-yr	8,721	990.07	2.27	987.91	4.12	-2.16	1.85		
53262	10	Avg Annual	134	972.34	0.86	972.05	1.07	-0.29	0.21
		0.5-yr	1,422	977.92	2.53	977.63	2.74	-0.29	0.21
		1-yr	1,670	978.59	2.69	978.34	2.87	-0.25	0.18
		1.5-yr	1,761	978.82	2.74	978.58	2.92	-0.24	0.18
		2-yr	2,047	979.51	2.89	979.30	3.05	-0.21	0.16
		5-yr	3,336	981.61	3.63	981.02	3.96	-0.59	0.33
		10-yr	4,375	983.83	3.67	983.46	3.89	-0.37	0.22
		10-50yrA	5,330	986.13	3.32	985.20	3.86	-0.93	0.54
		10-50yrB	6,285	986.57	3.70	985.52	4.36	-1.05	0.66
		50-yr	7,239	987.96	2.80	986.52	4.25	-1.44	1.45
100-yr	8,721	990.07	2.14	987.86	4.01	-2.21	1.87		
53142	9	Avg Annual	134	972.31	1.02	972.03	1.00	-0.28	-0.02
		0.5-yr	1,422	977.84	2.90	977.58	2.88	-0.26	-0.02
		1-yr	1,670	978.50	3.08	978.28	3.04	-0.22	-0.04
		1.5-yr	1,761	978.73	3.15	978.52	3.10	-0.21	-0.05
		2-yr	2,047	979.41	3.33	979.23	3.27	-0.18	-0.06
		5-yr	3,336	981.47	4.22	980.90	4.33	-0.57	0.11
		10-yr	4,375	983.69	4.33	983.32	4.34	-0.37	0.01
		10-50yrA	5,330	986.07	3.75	985.05	4.39	-1.02	0.64
		10-50yrB	6,285	986.50	4.08	985.33	4.96	-1.17	0.88
		50-yr	7,239	987.94	3.01	986.40	4.66	-1.54	1.65
100-yr	8,721	990.07	2.07	987.89	3.27	-2.18	1.20		
52952	8	Avg Annual	134	972.31	0.61	972.02	0.96	-0.29	0.35
		0.5-yr	1,422	977.85	2.40	977.56	2.84	-0.29	0.44
		1-yr	1,670	978.51	2.59	978.26	3.01	-0.25	0.42
		1.5-yr	1,761	978.73	2.66	978.50	3.07	-0.23	0.41
		2-yr	2,047	979.42	2.84	979.20	3.24	-0.22	0.40
		5-yr	3,336	981.48	3.64	980.86	4.26	-0.62	0.62
		10-yr	4,375	983.69	3.79	983.28	4.22	-0.41	0.43
		10-50yrA	5,330	985.58	3.58	985.00	4.27	-0.58	0.69
		10-50yrB	6,285	985.79	4.07	985.25	4.91	-0.54	0.84
		50-yr	7,239	986.81	3.94	986.22	4.89	-0.59	0.95
100-yr	8,721	988.46	2.44	987.57	4.04	-0.89	1.60		

**Table 5. Summary of HEC-RAS modeling results in the ½ Mile Reach.**

HEC-RAS Station	Transect Number	Flow Profile	Flow (cfs)	Pre-Remediation/Demolition		Post-Remediation/Demolition		Change (Post - Pre)	
				Elevation (ft NGVD)	Velocity (ft/s)	Elevation (ft NGVD)	Velocity (ft/s)	Elevation (ft)	Velocity (ft/s)
52842	7	Avg Annual	134	972.31	0.75	972.01	1.10	-0.30	0.35
		0.5-yr	1,422	977.82	2.47	977.52	2.89	-0.30	0.42
		1-yr	1,670	978.48	2.65	978.23	3.05	-0.25	0.40
		1.5-yr	1,761	978.71	2.71	978.47	3.10	-0.24	0.39
		2-yr	2,047	979.39	2.88	979.17	3.26	-0.22	0.38
		5-yr	3,336	981.44	3.65	980.81	4.30	-0.63	0.65
		10-yr	4,375	983.66	3.75	983.23	4.23	-0.43	0.48
		10-50yrA	5,330	985.59	3.18	984.97	4.16	-0.62	0.98
		10-50yrB	6,285	985.81	3.56	985.25	4.57	-0.56	1.01
		50-yr	7,239	986.85	3.20	986.32	3.86	-0.53	0.66
100-yr	8,721	988.45	2.49	987.62	3.18	-0.83	0.69		
52702	6	Avg Annual	134	972.29	0.89	971.99	0.92	-0.30	0.03
		0.5-yr	1,422	977.75	2.70	977.49	2.75	-0.26	0.05
		1-yr	1,670	978.41	2.87	978.19	2.91	-0.22	0.04
		1.5-yr	1,761	978.63	2.93	978.43	2.97	-0.20	0.04
		2-yr	2,047	979.31	3.09	979.13	3.13	-0.18	0.04
		5-yr	3,336	981.34	3.84	980.76	4.15	-0.58	0.31
		10-yr	4,375	983.60	3.82	983.18	4.11	-0.42	0.29
		10-50yrA	5,330	985.67	0.95	985.14	1.35	-0.53	0.40
		10-50yrB	6,285	985.91	1.07	985.43	1.49	-0.48	0.42
		50-yr	7,239	986.92	1.04	986.41	1.43	-0.51	0.39
100-yr	8,721	988.48	1.02	987.66	1.37	-0.82	0.35		
52562	5	Avg Annual	134	972.25	1.03	971.94	1.32	-0.31	0.29
		0.5-yr	1,422	977.68	2.65	977.42	2.79	-0.26	0.14
		1-yr	1,670	978.33	2.81	978.12	2.92	-0.21	0.11
		1.5-yr	1,761	978.56	2.86	978.36	2.96	-0.20	0.10
		2-yr	2,047	979.24	3.00	979.07	3.08	-0.17	0.08
		5-yr	3,336	981.35	2.84	980.79	3.13	-0.56	0.29
		10-yr	4,375	983.66	2.40	983.27	2.55	-0.39	0.15
		10-50yrA	5,330	985.62	2.27	985.07	2.48	-0.55	0.21
		10-50yrB	6,285	985.83	2.60	985.35	2.82	-0.48	0.22
		50-yr	7,239	986.85	2.65	986.32	2.88	-0.53	0.23
100-yr	8,721	988.48	0.31	987.67	0.33	-0.81	0.02		
52422	4	Avg Annual	134	972.21	0.89	971.89	1.07	-0.32	0.18
		0.5-yr	1,422	977.59	2.81	977.34	2.90	-0.25	0.09
		1-yr	1,670	978.23	3.00	978.03	3.07	-0.20	0.07
		1.5-yr	1,761	978.45	3.07	978.27	3.12	-0.18	0.05
		2-yr	2,047	979.12	3.25	978.96	3.29	-0.16	0.04
		5-yr	3,336	981.09	4.13	980.50	4.40	-0.59	0.27
		10-yr	4,375	983.43	3.95	983.01	4.20	-0.42	0.25
		10-50yrA	5,330	985.44	3.65	984.86	4.00	-0.58	0.35
		10-50yrB	6,285	985.61	4.19	985.07	4.58	-0.54	0.39
		50-yr	7,239	986.65	4.12	986.07	4.56	-0.58	0.44
100-yr	8,721	988.48	0.41	987.41	4.44	-1.07	4.03		
52282	3	Avg Annual	134	972.19	0.85	971.85	1.03	-0.34	0.18
		0.5-yr	1,422	977.52	2.62	977.28	2.84	-0.24	0.22
		1-yr	1,670	978.16	2.81	977.96	3.01	-0.20	0.20
		1.5-yr	1,761	978.38	2.87	978.19	3.07	-0.19	0.20
		2-yr	2,047	979.04	3.05	978.88	3.24	-0.16	0.19
		5-yr	3,336	980.99	3.92	980.38	4.35	-0.61	0.43
		10-yr	4,375	983.32	4.03	982.89	4.24	-0.43	0.21
		10-50yrA	5,330	985.33	3.87	984.72	4.19	-0.61	0.32
		10-50yrB	6,285	985.46	4.48	984.87	4.85	-0.59	0.37
		50-yr	7,239	986.79	0.47	985.85	4.98	-0.94	4.51
100-yr	8,721	988.48	0.51	987.19	4.99	-1.29	4.48		



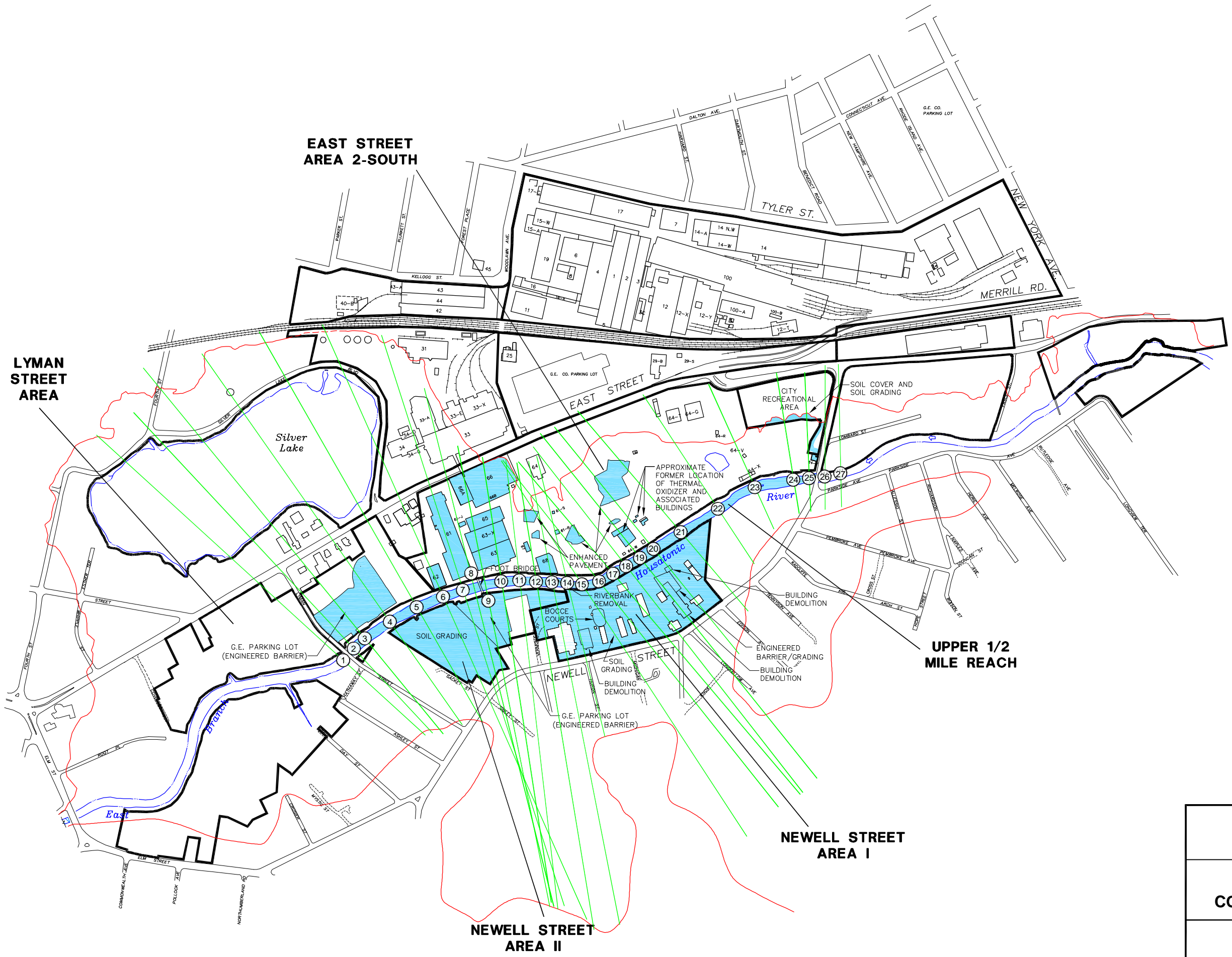
**Table 5. Summary of HEC-RAS modeling results in the ½ Mile Reach.**

HEC-RAS Station	Transect Number	Flow Profile	Flow (cfs)	Pre-Remediation/Demolition		Post-Remediation/Demolition		Change (Post - Pre)	
				Elevation (ft NGVD)	Velocity (ft/s)	Elevation (ft NGVD)	Velocity (ft/s)	Elevation (ft)	Velocity (ft/s)
52142	2	Avg Annual	134	972.17	0.97	971.83	1.10	-0.34	0.13
		0.5-yr	1,422	977.44	3.01	977.22	3.07	-0.22	0.06
		1-yr	1,670	978.07	3.18	977.90	3.25	-0.17	0.07
		1.5-yr	1,761	978.29	3.24	978.13	3.31	-0.16	0.07
		2-yr	2,047	978.96	3.40	978.81	3.48	-0.15	0.08
		5-yr	3,336	980.89	4.25	980.26	4.66	-0.63	0.41
		10-yr	4,375	983.24	4.23	982.80	4.48	-0.44	0.25
		10-50yrA	5,330	985.30	3.84	984.61	4.47	-0.69	0.63
		10-50yrB	6,285	985.42	4.44	984.72	5.21	-0.70	0.77
		50-yr	7,239	986.79	0.32	985.68	5.34	-1.11	5.02
	100-yr	8,721	988.48	0.38	987.43	0.34	-1.05	-0.04	
Minimum		Avg Annual	134					-0.43	-0.67
		0.5-yr	1,422					-0.35	-0.59
		1-yr	1,670					-0.31	-0.58
		1.5-yr	1,761					-0.29	-0.57
		2-yr	2,047					-0.26	-0.56
		5-yr	3,336					-0.63	-0.38
		10-yr	4,375					-0.44	-0.39
		10-50yrA	5,330					-1.02	-0.18
		10-50yrB	6,285					-1.17	-0.17
		50-yr	7,239					-1.54	-0.28
	100-yr	8,721					-2.21	-0.25	
Average		Avg Annual	134					-0.30	0.08
		0.5-yr	1,422					-0.27	0.10
		1-yr	1,670					-0.23	0.07
		1.5-yr	1,761					-0.21	0.07
		2-yr	2,047					-0.19	0.06
		5-yr	3,336					-0.50	0.22
		10-yr	4,375					-0.24	0.08
		10-50yrA	5,330					-0.62	0.30
		10-50yrB	6,285					-0.63	0.35
		50-yr	7,239					-0.90	0.86
	100-yr	8,721					-1.52	1.12	
Maximum		Avg Annual	134					0.00	0.63
		0.5-yr	1,422					-0.21	0.44
		1-yr	1,670					-0.17	0.42
		1.5-yr	1,761					-0.14	0.41
		2-yr	2,047					-0.12	0.40
		5-yr	3,336					-0.29	0.65
		10-yr	4,375					-0.03	0.48
		10-50yrA	5,330					-0.39	0.98
		10-50yrB	6,285					-0.32	1.01
		50-yr	7,239					-0.51	5.02
	100-yr	8,721					-0.81	4.48	

# FIGURES

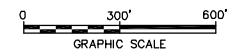
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- LEGEND:**
- REMOVAL ACTION AREA BOUNDARY
  - APPROXIMATE LIMITS OF 100-YEAR FLOODPLAIN BOUNDARY (SEE NOTE 4)
  - APPROXIMATE EDGE OF WATER
  - TRANSECT LOCATION
  - AREAS AND BUILDINGS CONSIDERED IN FLOOD MODELING

- NOTES:**
1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990; DATA PROVIDED BY GENERAL ELECTRIC COMPANY; AND BLASLAND AND BOUCK ENGINEERS, P.C. CONSTRUCTION PLANS.
  2. NOT ALL PHYSICAL FEATURES SHOWN.
  3. SITE BOUNDARIES/LIMITS ARE APPROXIMATE.
  4. 100-YEAR FLOODPLAIN BOUNDARY IS BASED ON ELEVATIONS PUBLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY: "FLOOD INSURANCE STUDY - CITY OF PITTSFIELD, MASSACHUSETTS", JANUARY 16, 1987; AND "FLOOD INSURANCE RATE MAP - CITY OF PITTSFIELD, MASSACHUSETTS" (PANELS 250037 0010C AND 250037 0020C), FEBRUARY 19, 1982.



GENERAL ELECTRIC COMPANY  
PITTSFIELD, MASSACHUSETTS

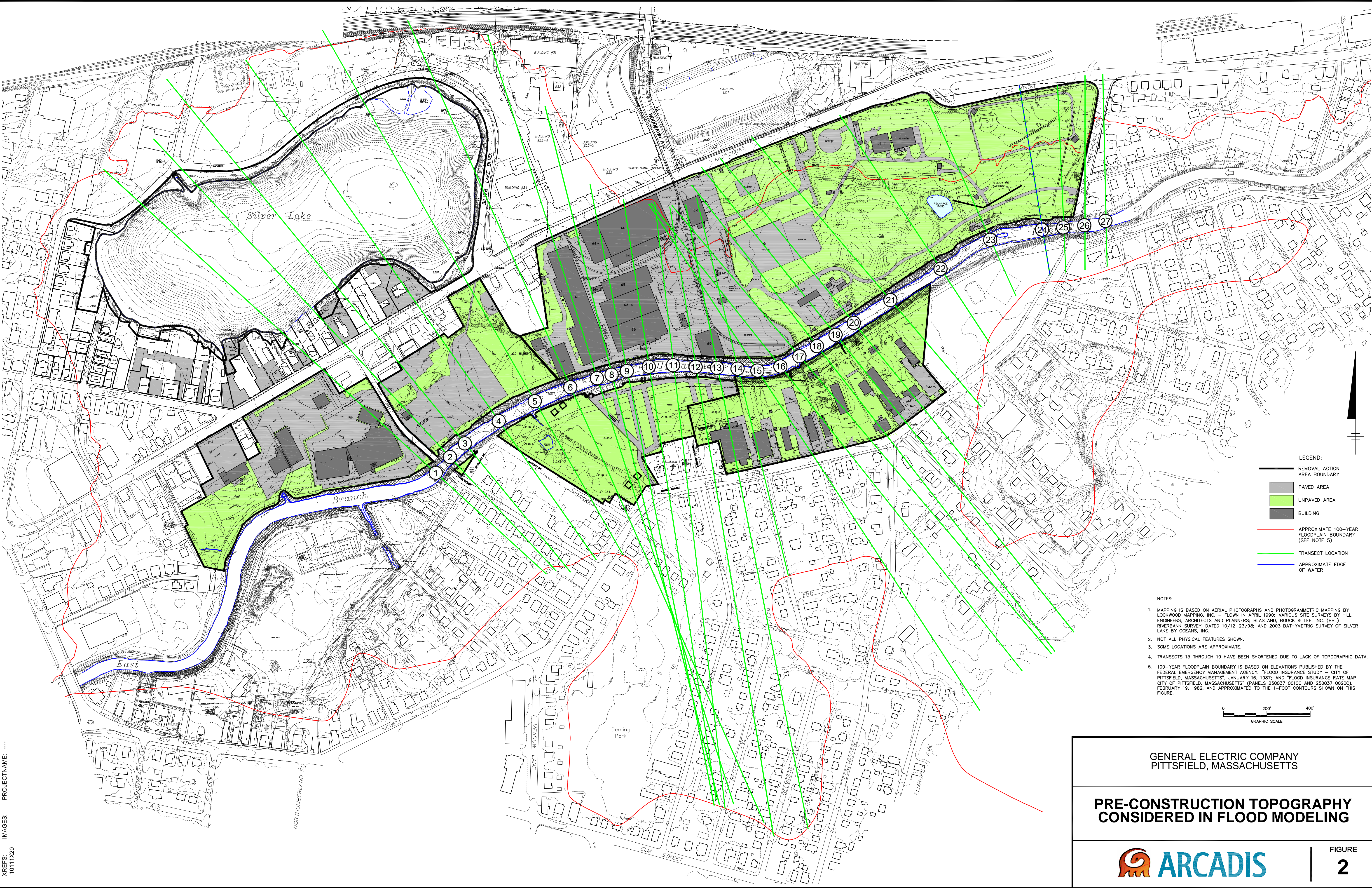
**REMIEDIATED AREAS AND  
DEMOLISHED BUILDINGS  
CONSIDERED IN FLOOD MODELING**



**FIGURE  
1**



CITY: SYR DIV/GROUP: ENV141 DE: DMW LD: DMW PIC: (OP) PM: CRA TM: MJB LYR: (OPTION) OFF: REF:  
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GENERAL ELECTRIC COMPANY  
 PITTSFIELD, MASSACHUSETTS

**PRE-CONSTRUCTION TOPOGRAPHY  
 CONSIDERED IN FLOOD MODELING**



FIGURE  
**2**

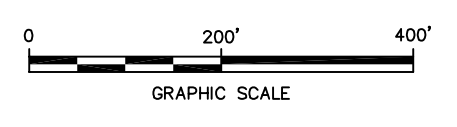


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- LEGEND:**
- REMOVAL ACTION AREA BOUNDARY
  - PAVED AREA
  - UNPAVED AREA
  - BUILDING
  - ENGINERED BARRIER
  - ENHANCED PAVEMENT
  - BUILDING SLAB WITH SOIL COVER
  - APPROXIMATE 100-YEAR FLOODPLAIN BOUNDARY (SEE NOTE 5)
  - TRANSECT LOCATION
  - APPROXIMATE EDGE OF WATER

- NOTES:**
1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL, 1990; VARIOUS SITE SURVEYS BY HILL ENGINEERS, ARCHITECTS AND PLANNERS; BLASLAND, BOUCK & LEE, INC. (BBL) RIVERBANK SURVEY, DATED 10/12-23/98; AND 2003 BATHYMETRIC SURVEY OF SILVER LAKE BY OCEANS, INC.
  2. NOT ALL PHYSICAL FEATURES SHOWN.
  3. SOME LOCATIONS ARE APPROXIMATE.
  4. TRANSECTS 15 THROUGH 19 HAVE BEEN SHORTENED DUE TO LACK OF TOPOGRAPHIC DATA.
  5. 100-YEAR FLOODPLAIN BOUNDARY IS BASED ON ELEVATIONS PUBLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY: "FLOOD INSURANCE STUDY - CITY OF PITTSFIELD, MASSACHUSETTS", JANUARY 16, 1987; AND "FLOOD INSURANCE RATE MAP - CITY OF PITTSFIELD, MASSACHUSETTS" (PANELS 250037 0010C AND 250037 0020C), FEBRUARY 19, 1982, AND APPROXIMATED TO THE 1-FOOT CONTOURS SHOWN ON THIS FIGURE.
  6. POST-CONSTRUCTION AS-BUILT TOPOGRAPHY WAS USED FOR THE FOLLOWING AREAS: NEWELL STREET AREA I, NEWELL STREET AREA II, UPPER 1/2-MILE REACH OF HOUSATONIC RIVER, LYMAN STREET AREA, AND THE CITY RECREATIONAL AREA.




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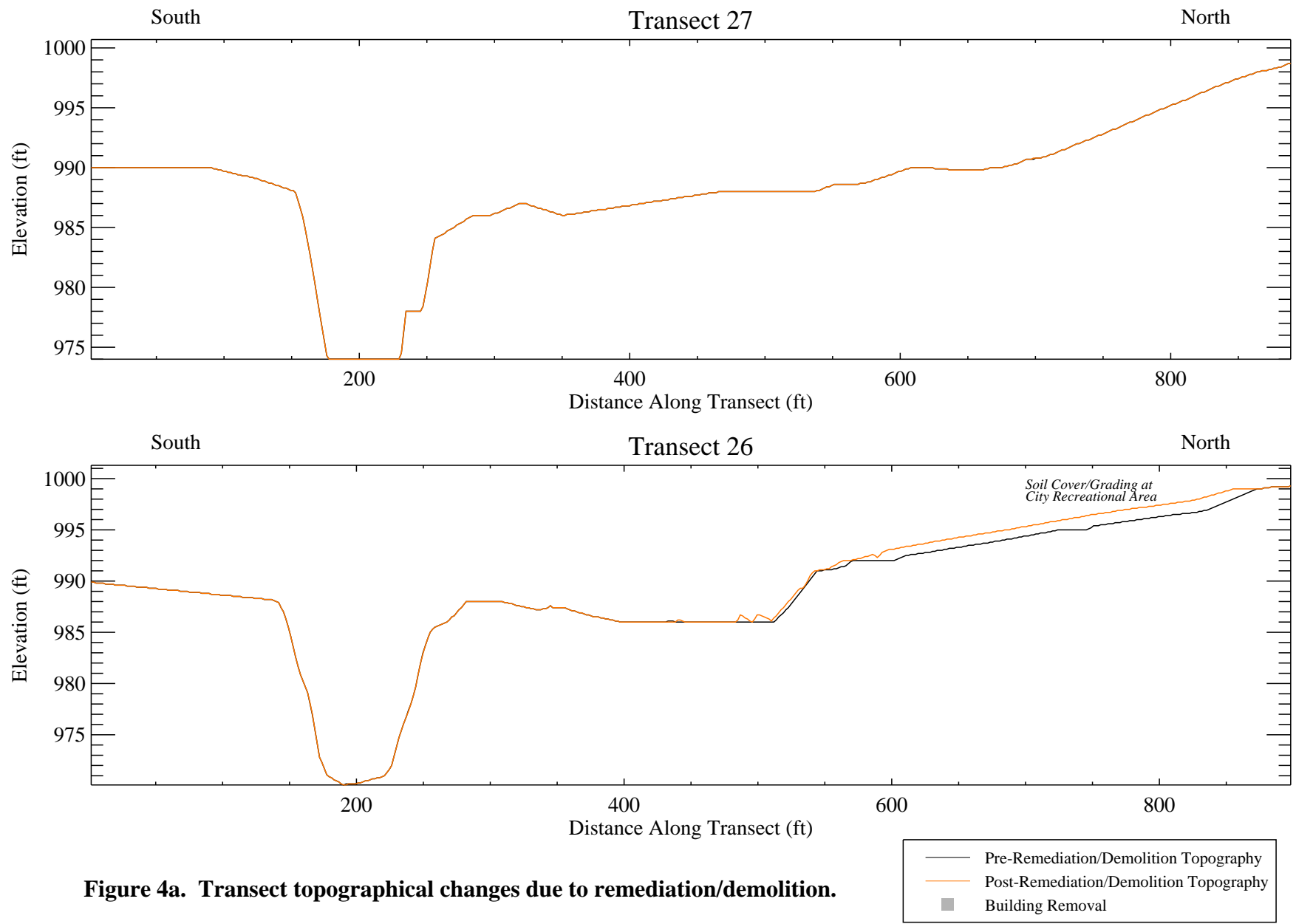
**POST-CONSTRUCTION TOPOGRAPHY  
CONSIDERED IN FLOOD MODELING**

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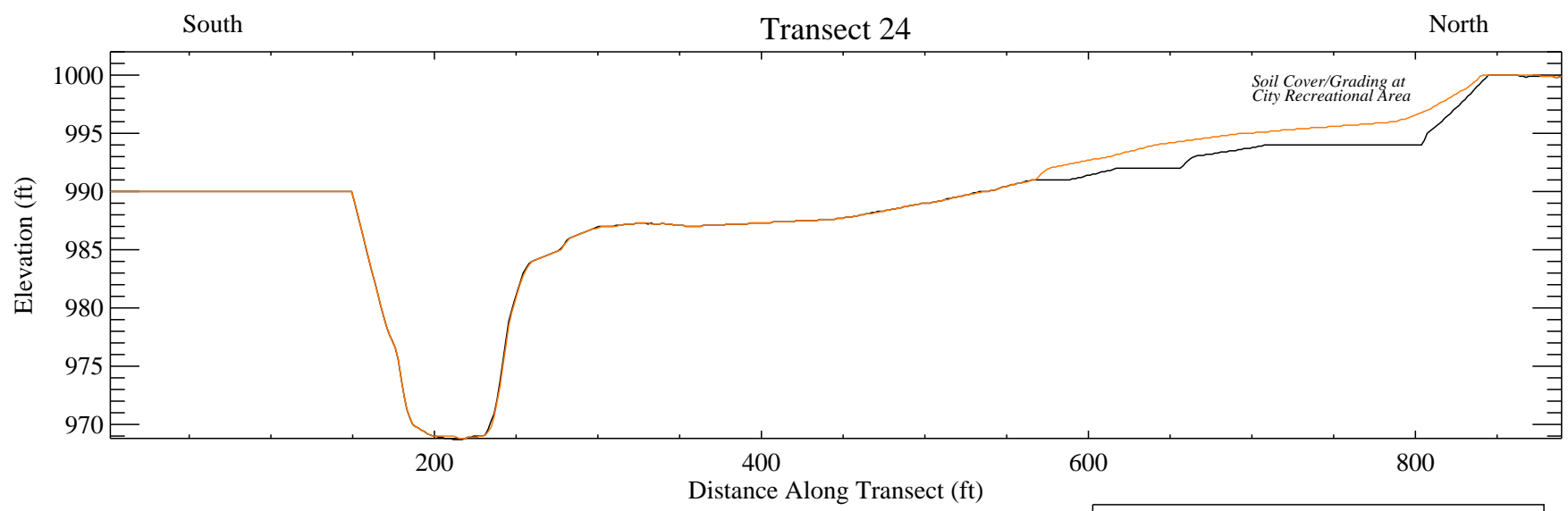
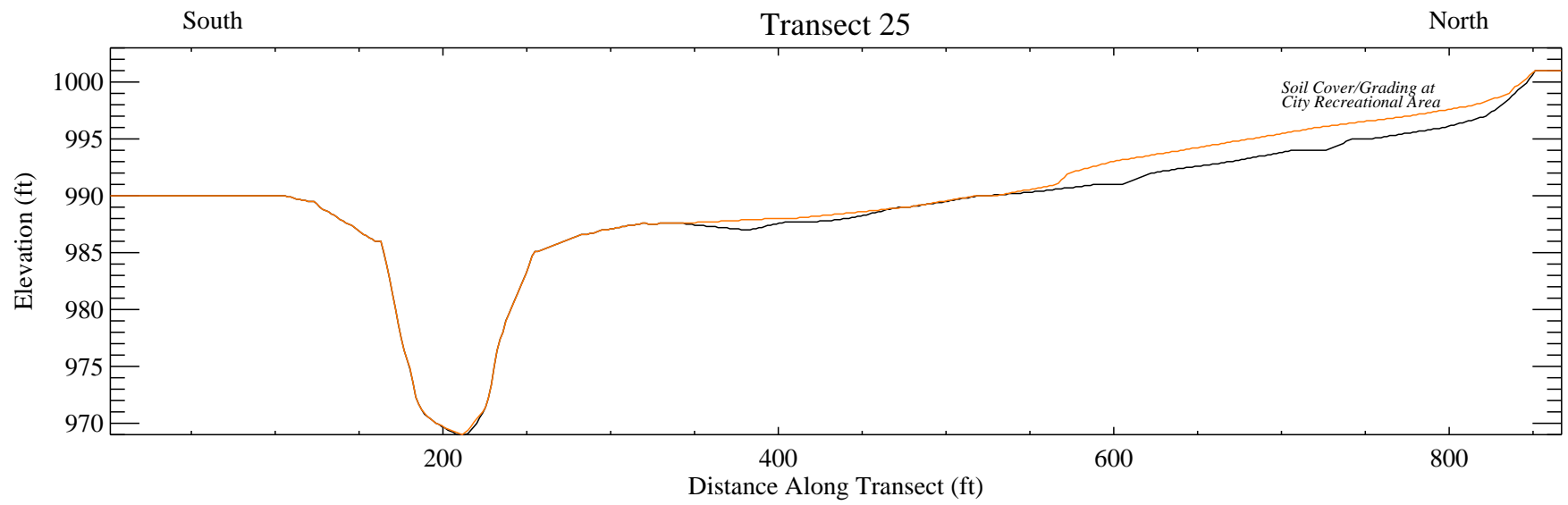
**FIGURE  
3**



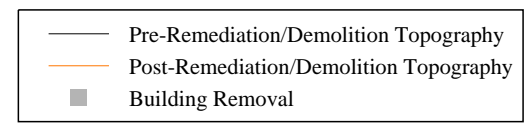


**Figure 4a. Transect topographical changes due to remediation/demolition.**

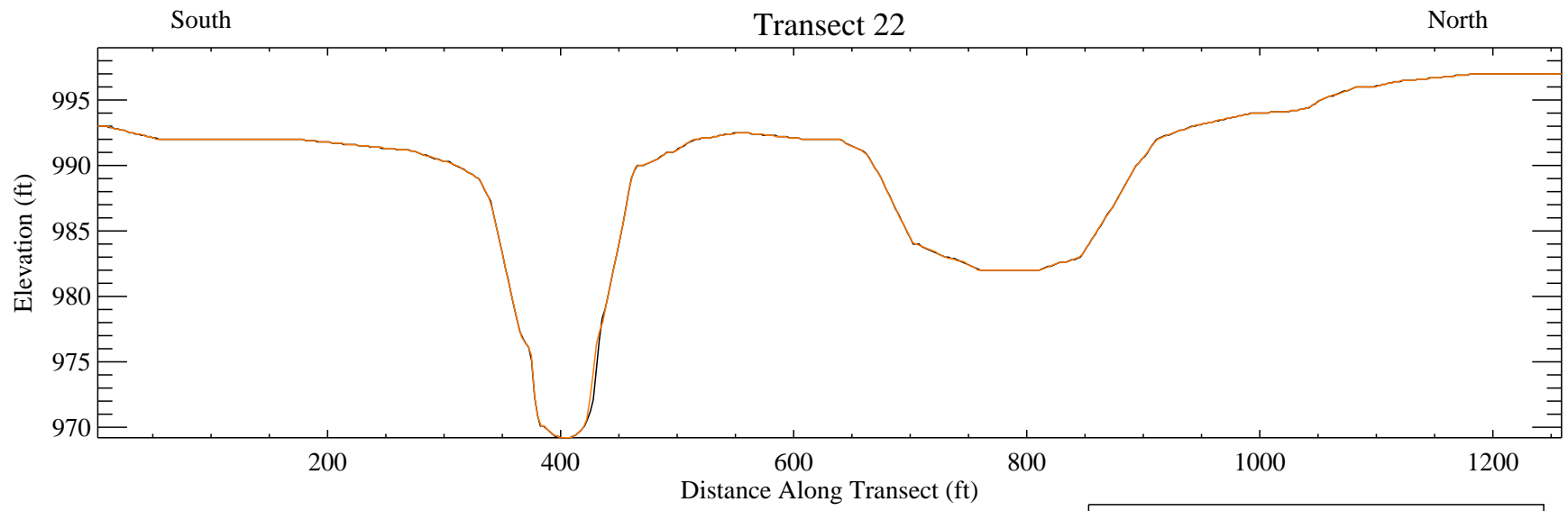
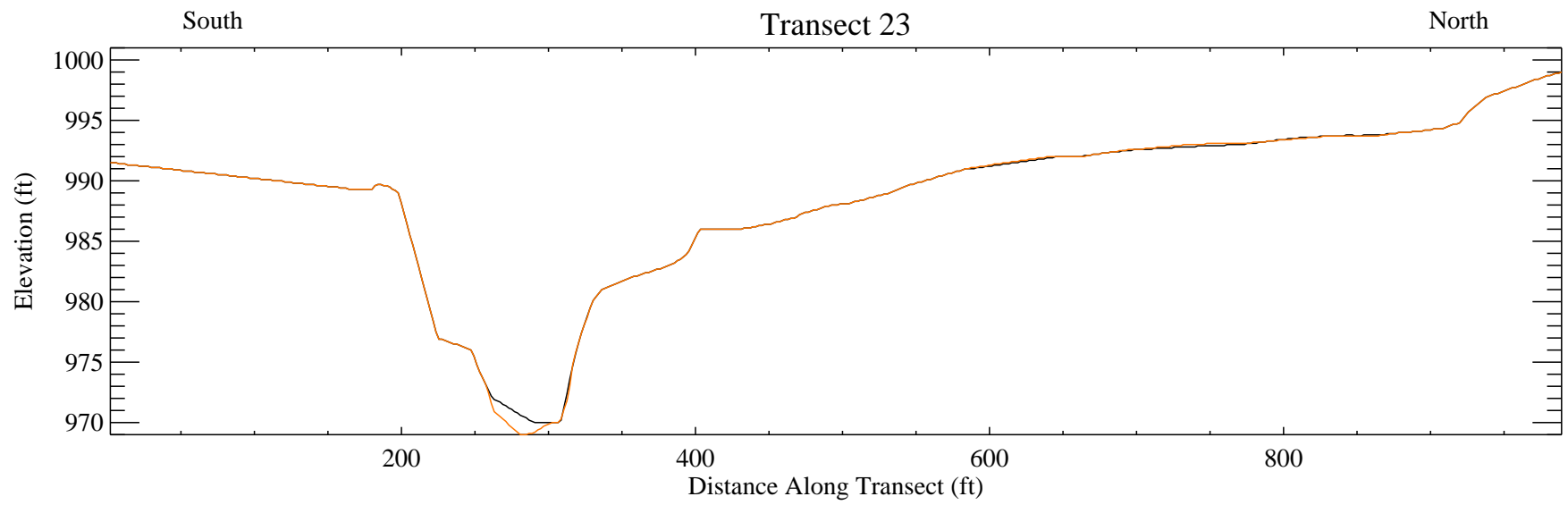
*Note: Buildings that were removed were represented as solid obstructions for the pre-remediation/demolition simulation, and were removed for the post-remediation/demolition simulation.*



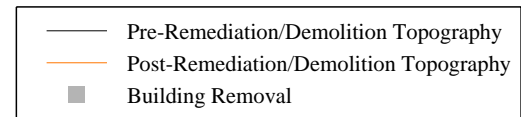
**Figure 4b. Transect topographical changes due to remediation/demolition.**



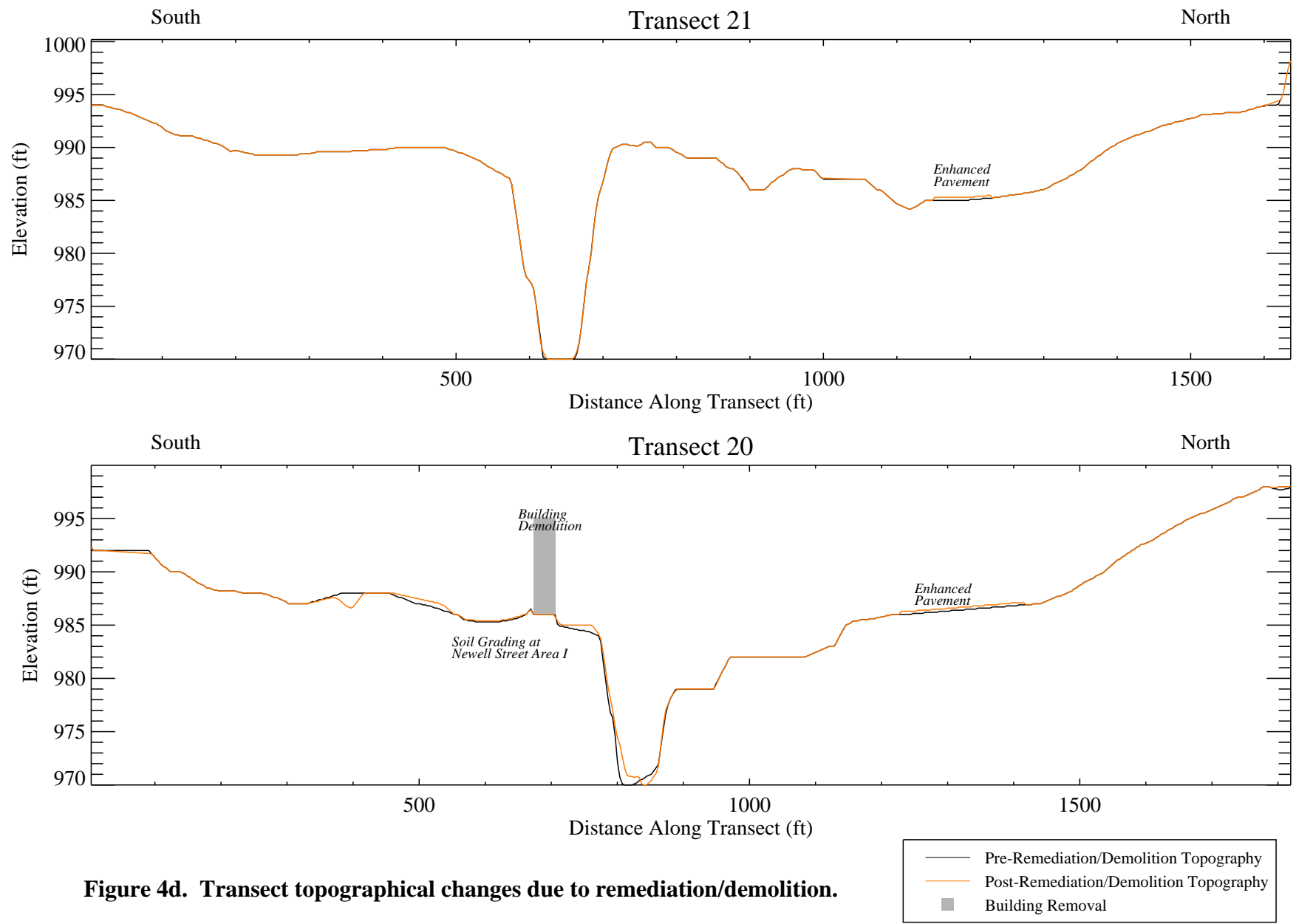
*Note: Buildings that were removed were represented as solid obstructions for the pre-remediation/demolition simulation, and were removed for the post-remediation/demolition simulation.*



**Figure 4c. Transect topographical changes due to remediation/demolition.**

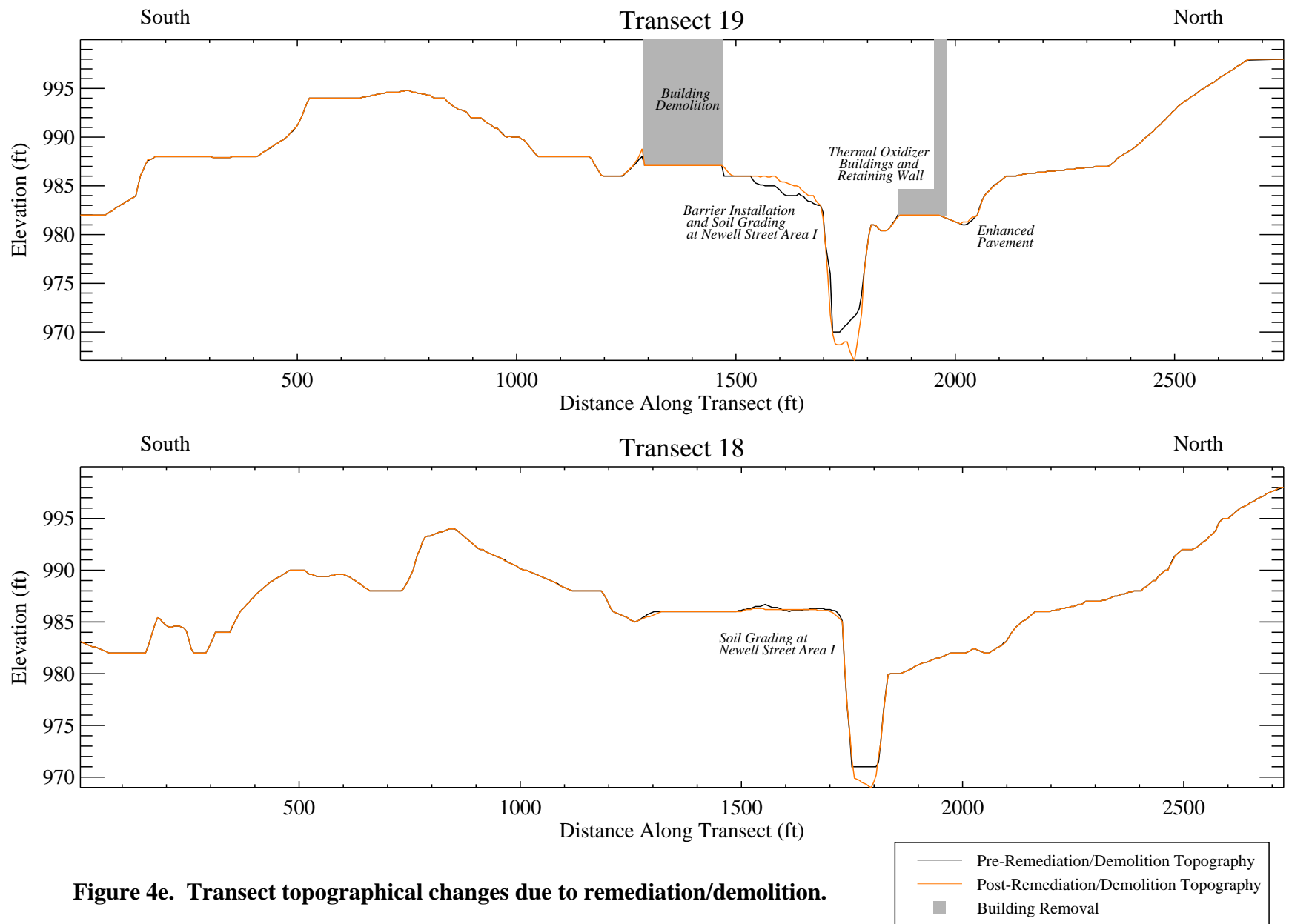


*Note: Buildings that were removed were represented as solid obstructions for the pre-remediation/demolition simulation, and were removed for the post-remediation/demolition simulation.*



**Figure 4d. Transect topographical changes due to remediation/demolition.**

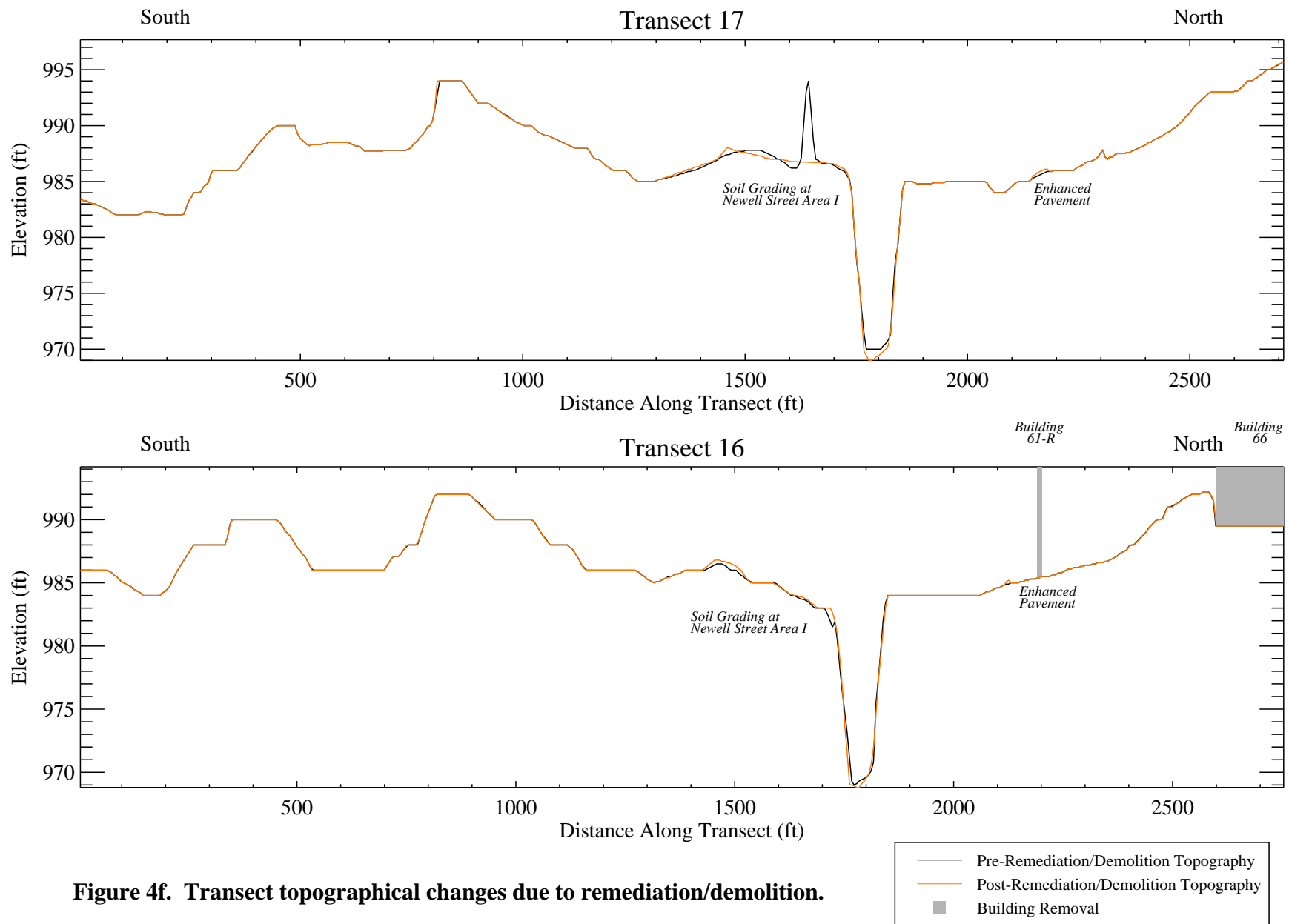
*Note: Buildings that were removed were represented as solid obstructions for the pre-remediation/demolition simulation, and were removed for the post-remediation/demolition simulation.*



**Figure 4e. Transect topographical changes due to remediation/demolition.**

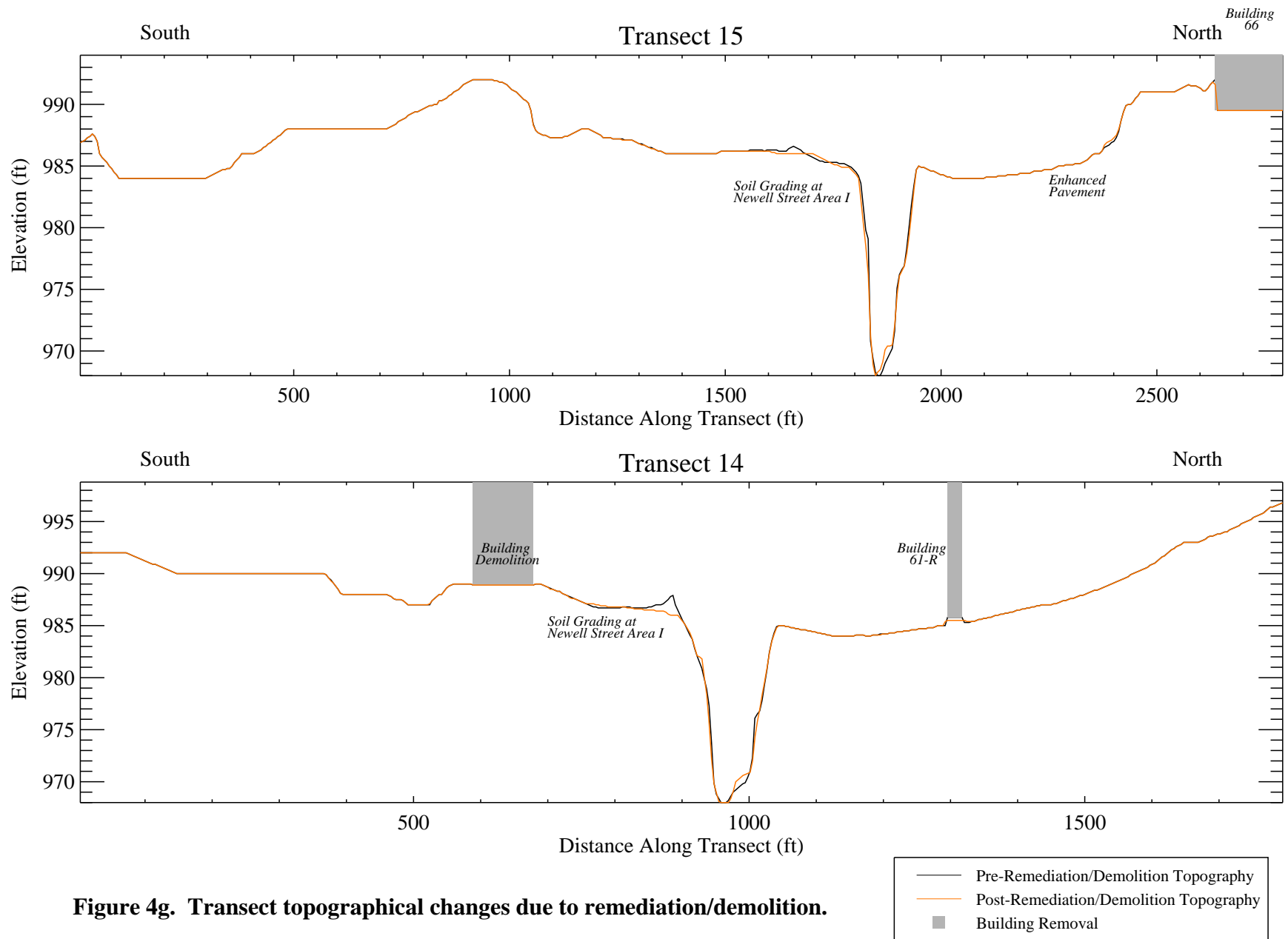
*Note: Buildings that were removed were represented as solid obstructions for the pre-remediation/demolition simulation, and were removed for the post-remediation/demolition simulation.*





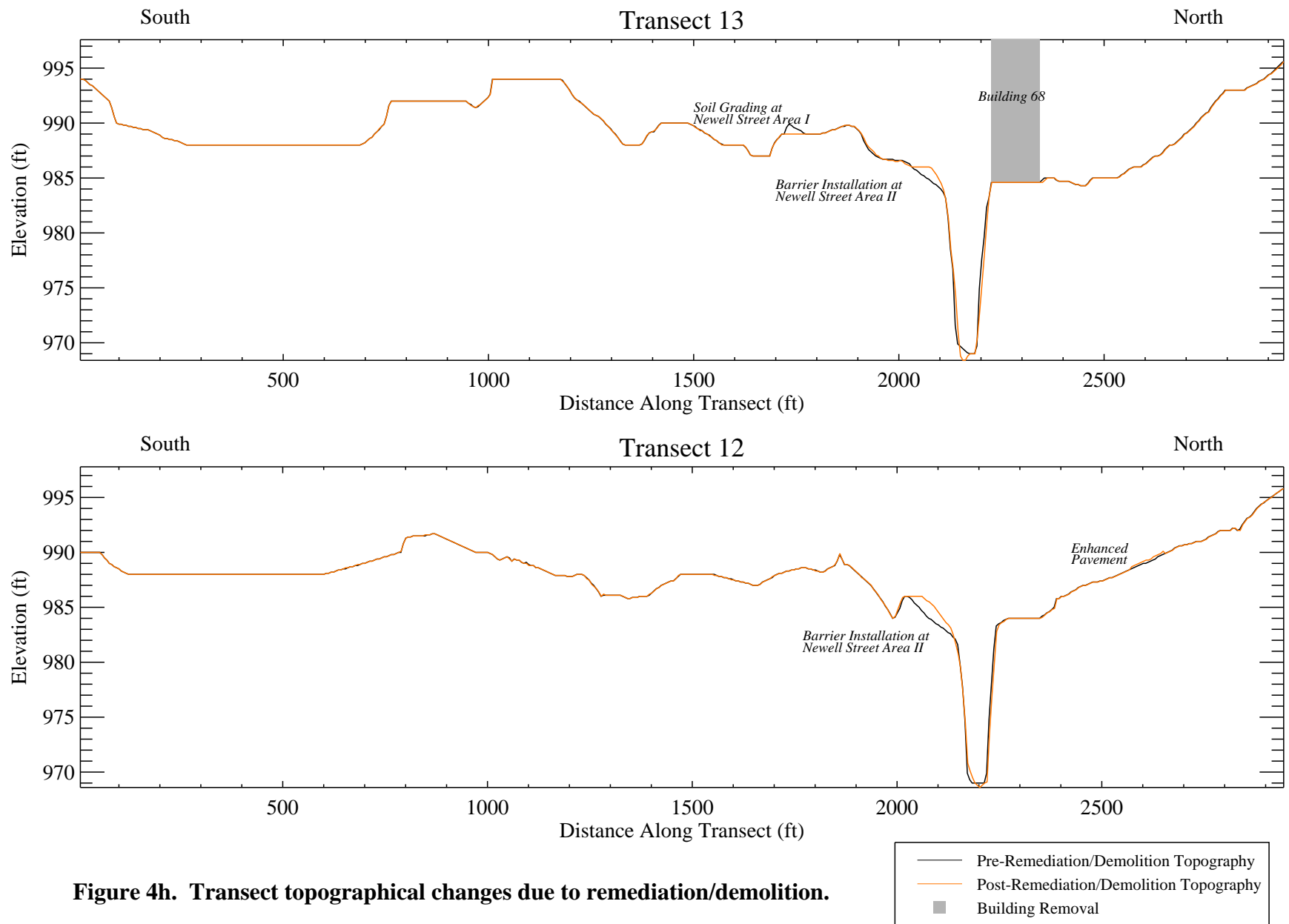
**Figure 4f. Transect topographical changes due to remediation/demolition.**

*Note: Buildings that were removed were represented as solid obstructions for the pre-remediation/demolition simulation, and were removed for the post-remediation/demolition simulation.*



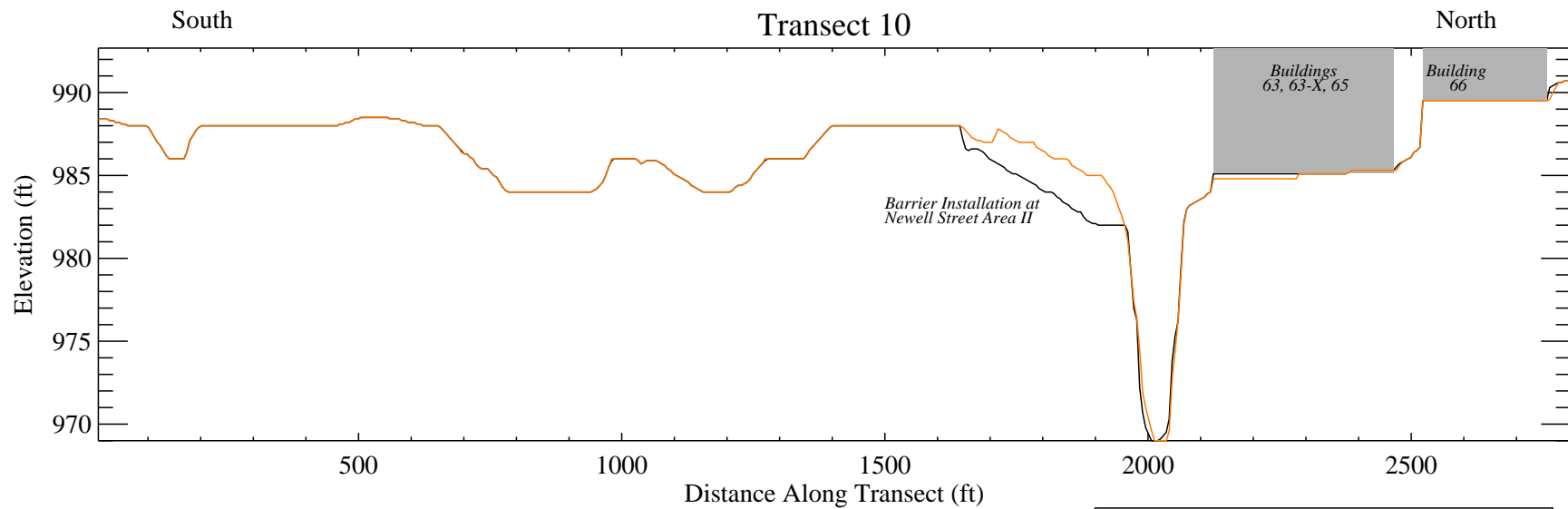
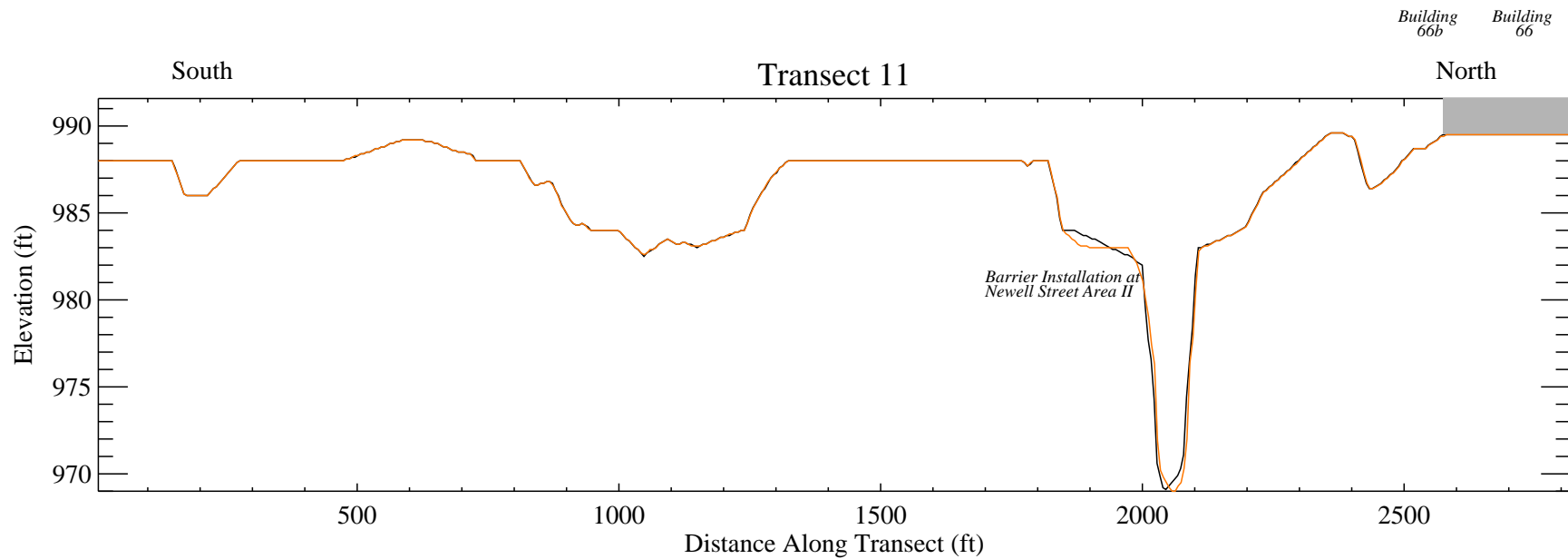
**Figure 4g. Transect topographical changes due to remediation/demolition.**

*Note: Buildings that were removed were represented as solid obstructions for the pre-remediation/demolition simulation, and were removed for the post-remediation/demolition simulation.*

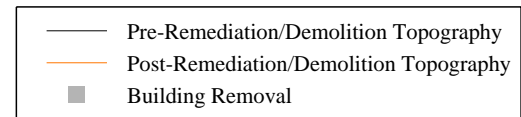


**Figure 4h. Transect topographical changes due to remediation/demolition.**

*Note: Buildings that were removed were represented as solid obstructions for the pre-remediation/demolition simulation, and were removed for the post-remediation/demolition simulation.*

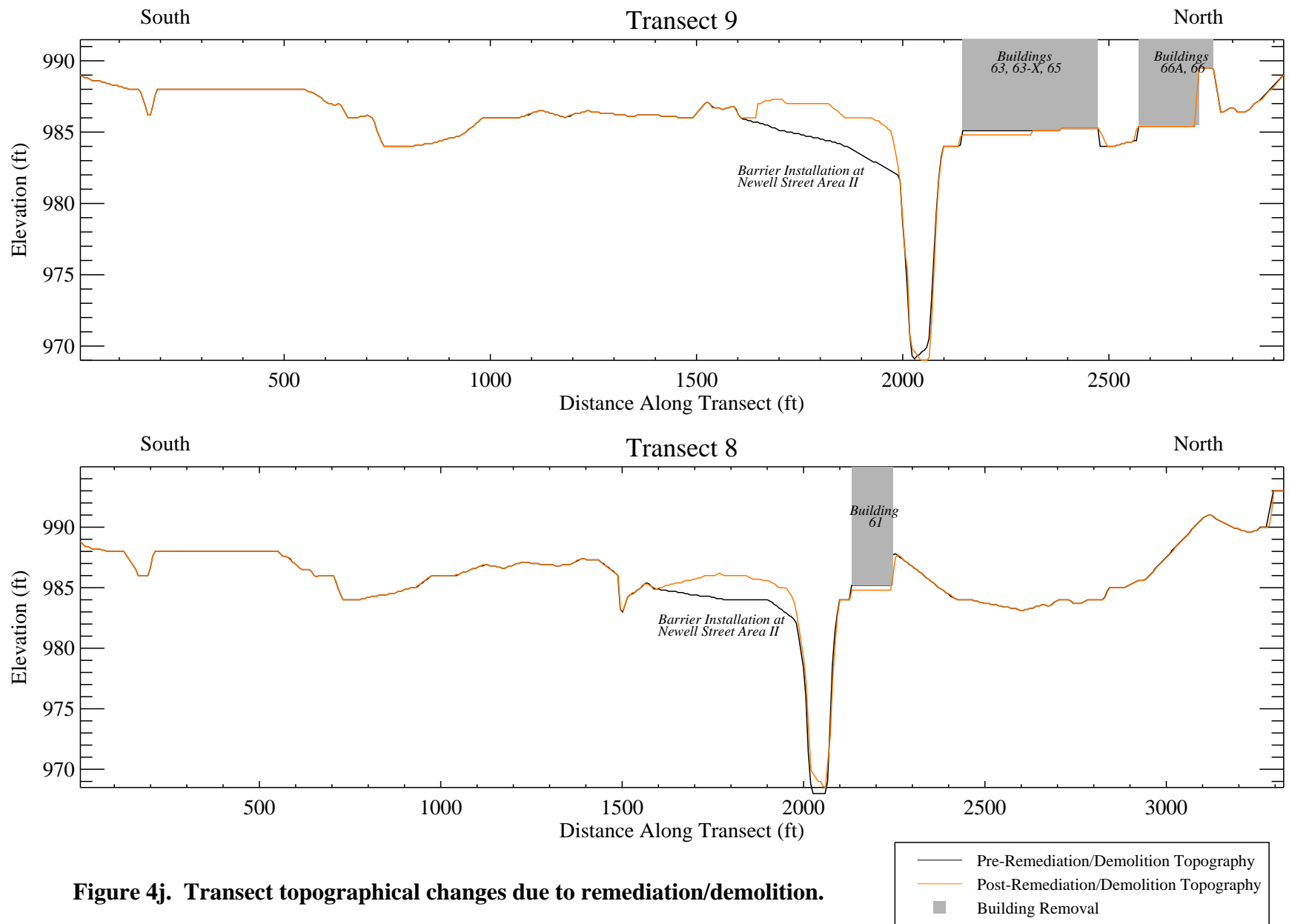


**Figure 4i. Transect topographical changes due to remediation/demolition.**



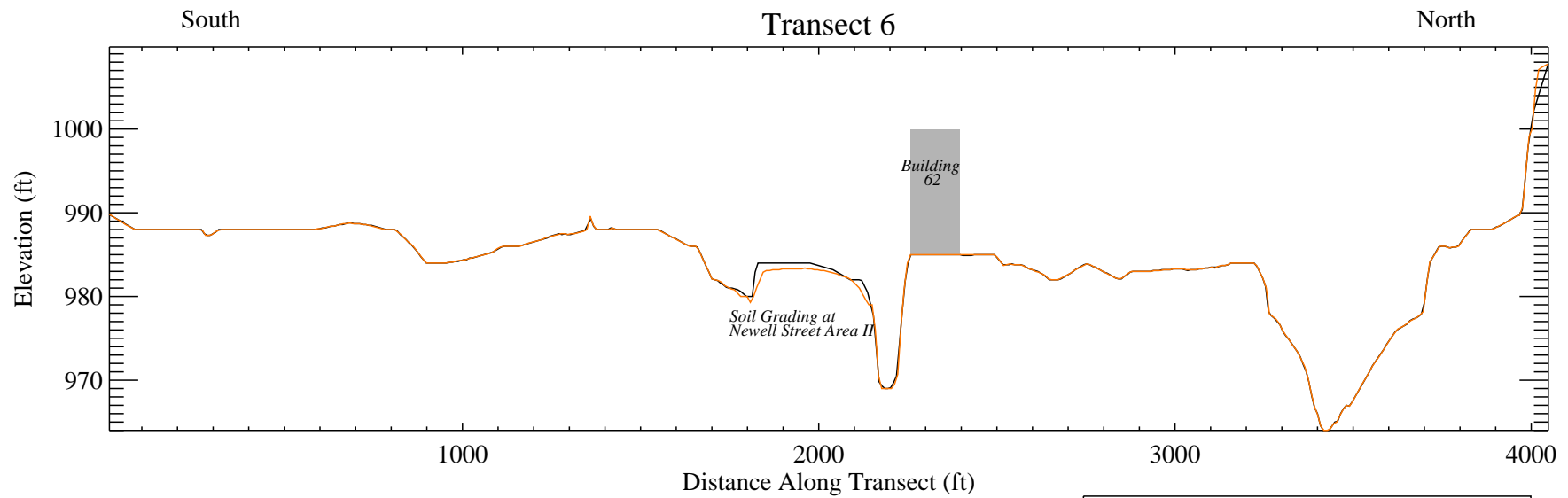
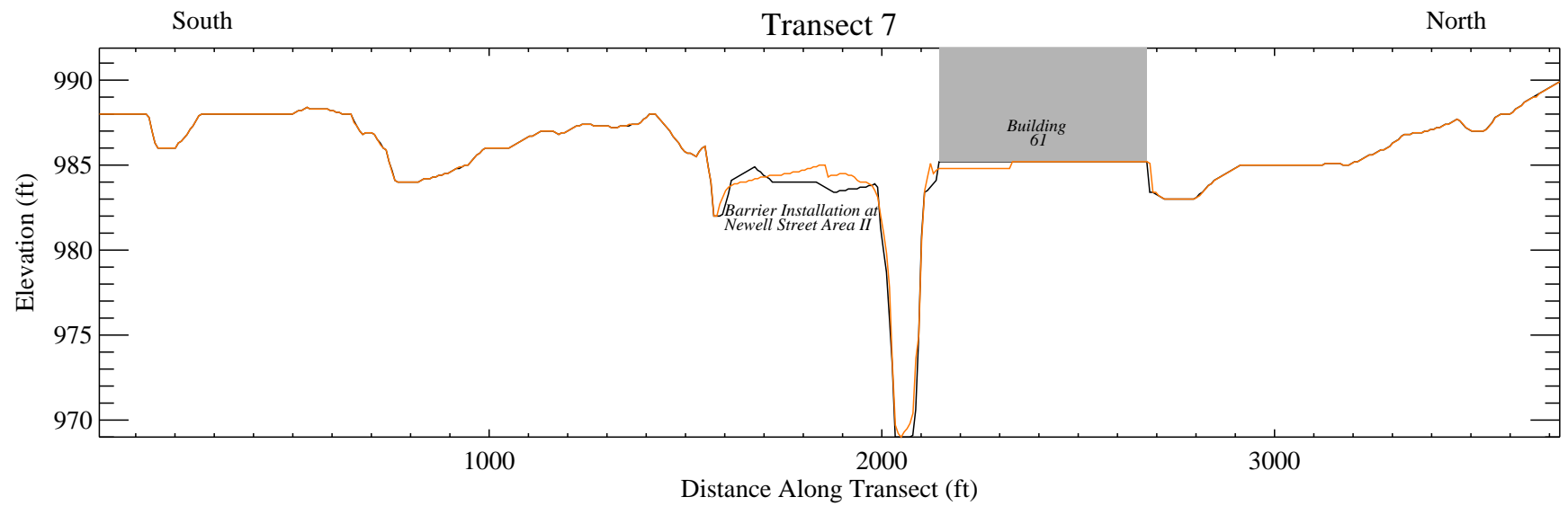
*Note: Buildings that were removed were represented as solid obstructions for the pre-remediation/demolition simulation, and were removed for the post-remediation/demolition simulation.*



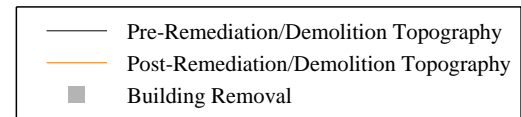


**Figure 4j. Transect topographical changes due to remediation/demolition.**

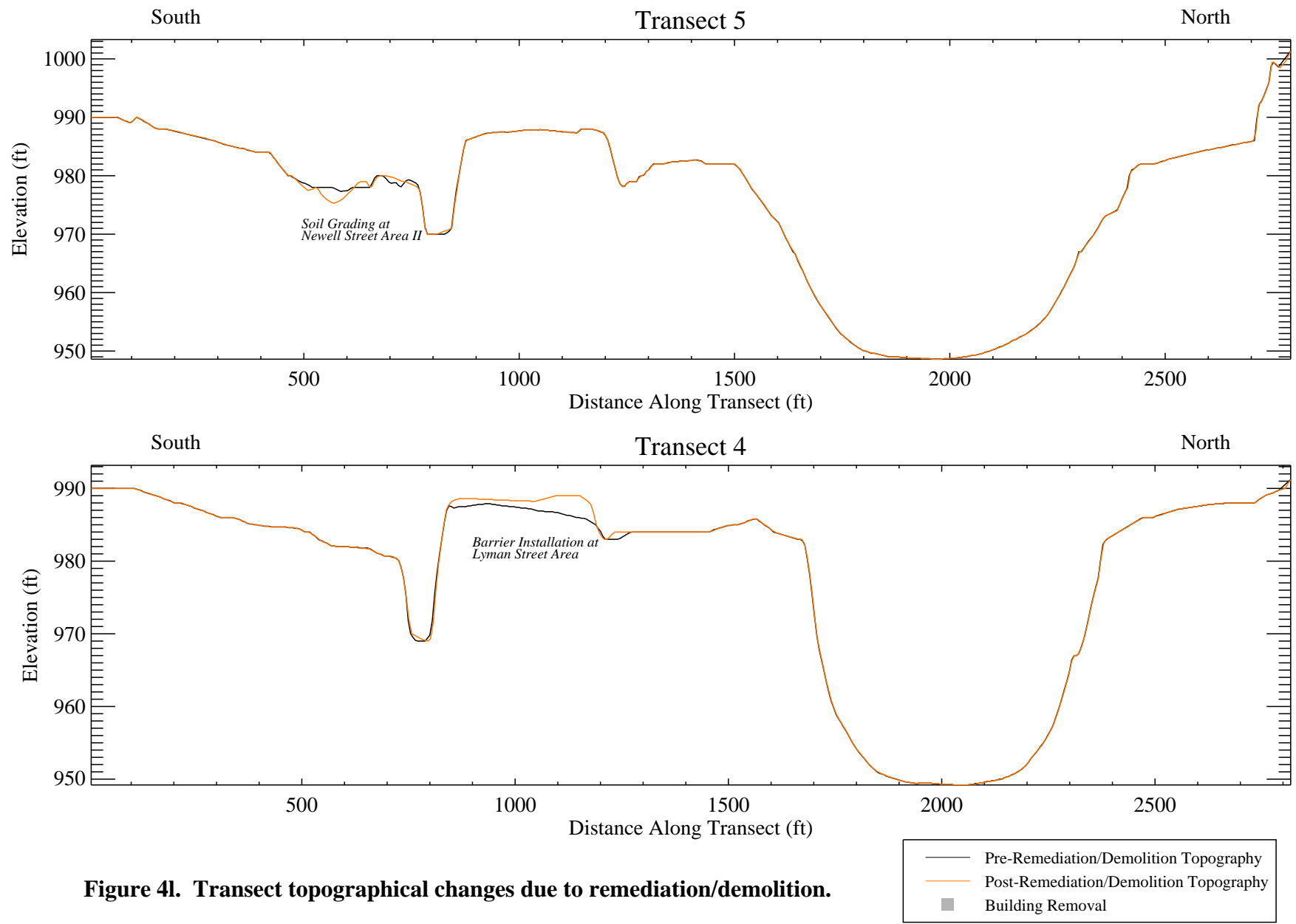
*Note: Buildings that were removed were represented as solid obstructions for the pre-remediation/demolition simulation, and were removed for the post-remediation/demolition simulation.*



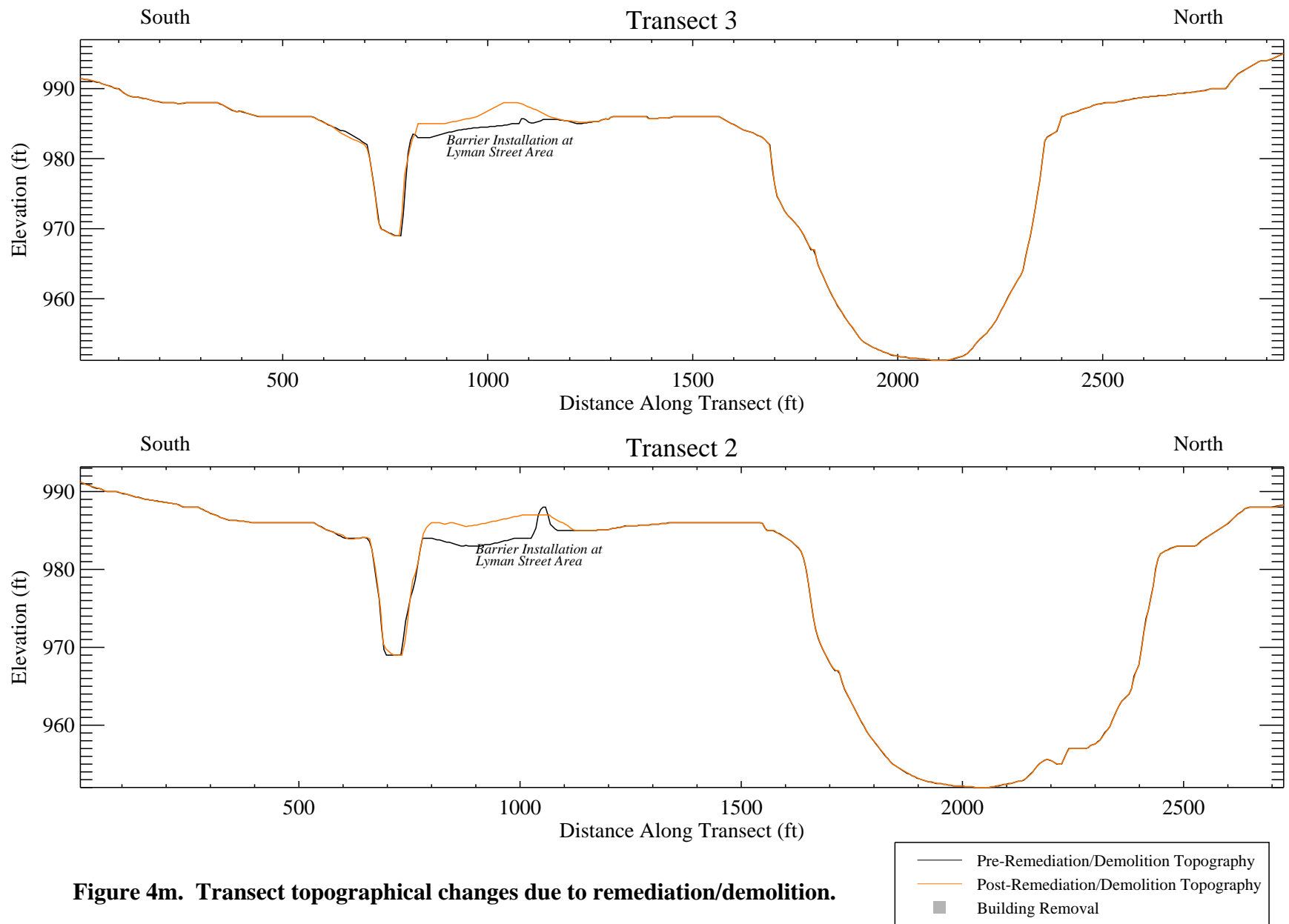
**Figure 4k. Transect topographical changes due to remediation/demolition.**



*Note: Buildings that were removed were represented as solid obstructions for the pre-remediation/demolition simulation, and were removed for the post-remediation/demolition simulation.*

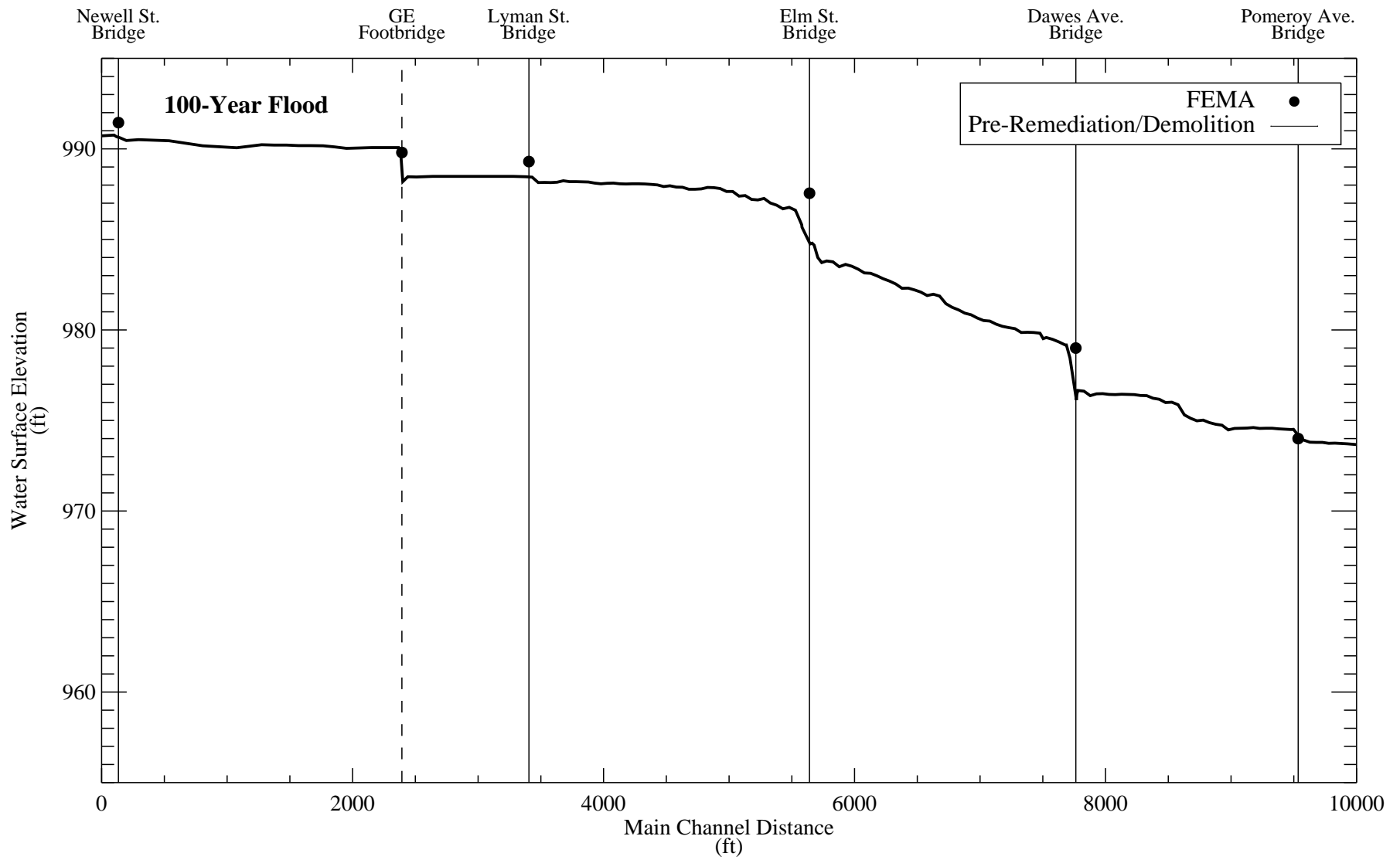


*Note: Buildings that were removed were represented as solid obstructions for the pre-remediation/demolition simulation, and were removed for the post-remediation/demolition simulation.*



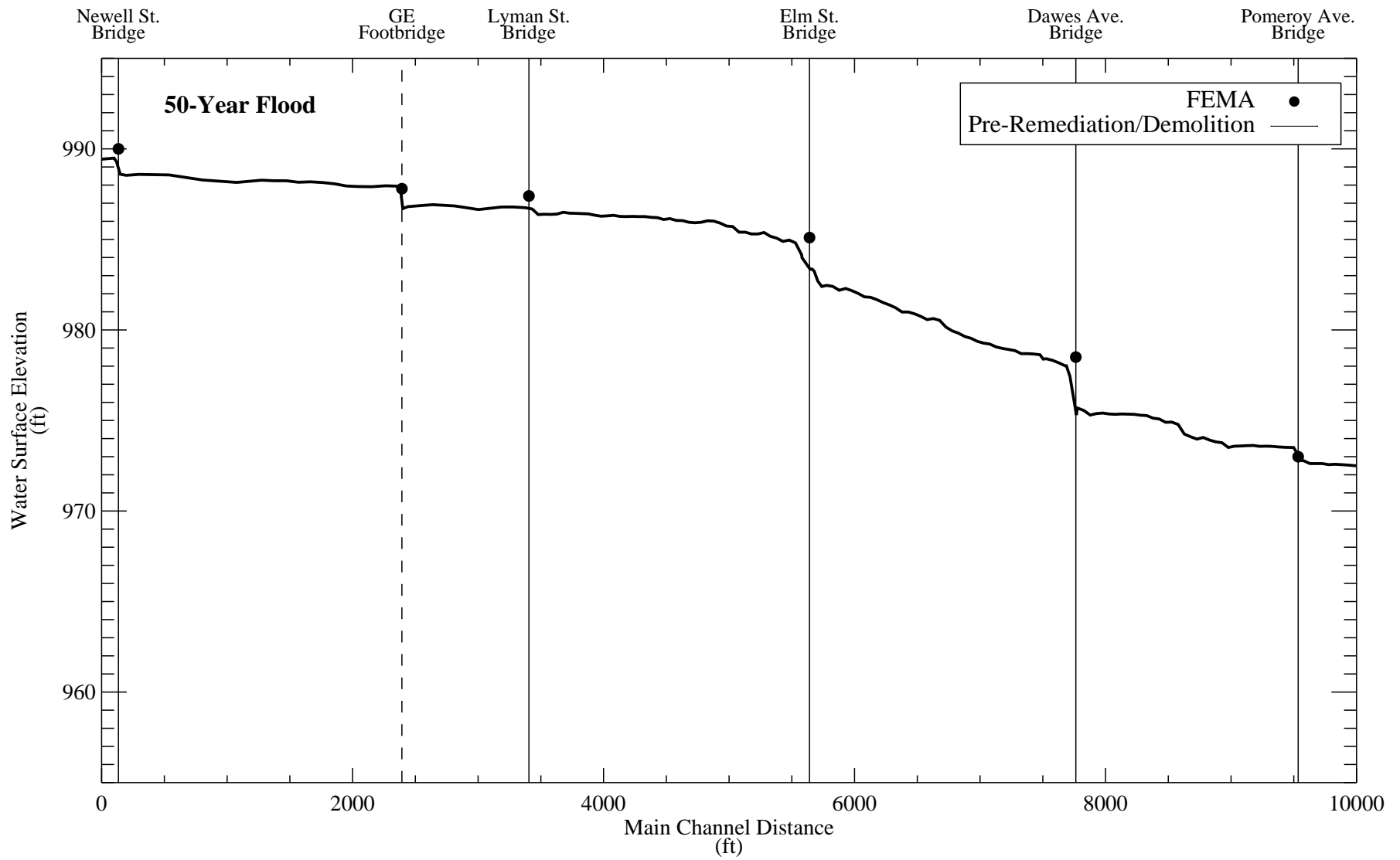
**Figure 4m. Transect topographical changes due to remediation/demolition.**

*Note: Buildings that were removed were represented as solid obstructions for the pre-remediation/demolition simulation, and were removed for the post-remediation/demolition simulation.*

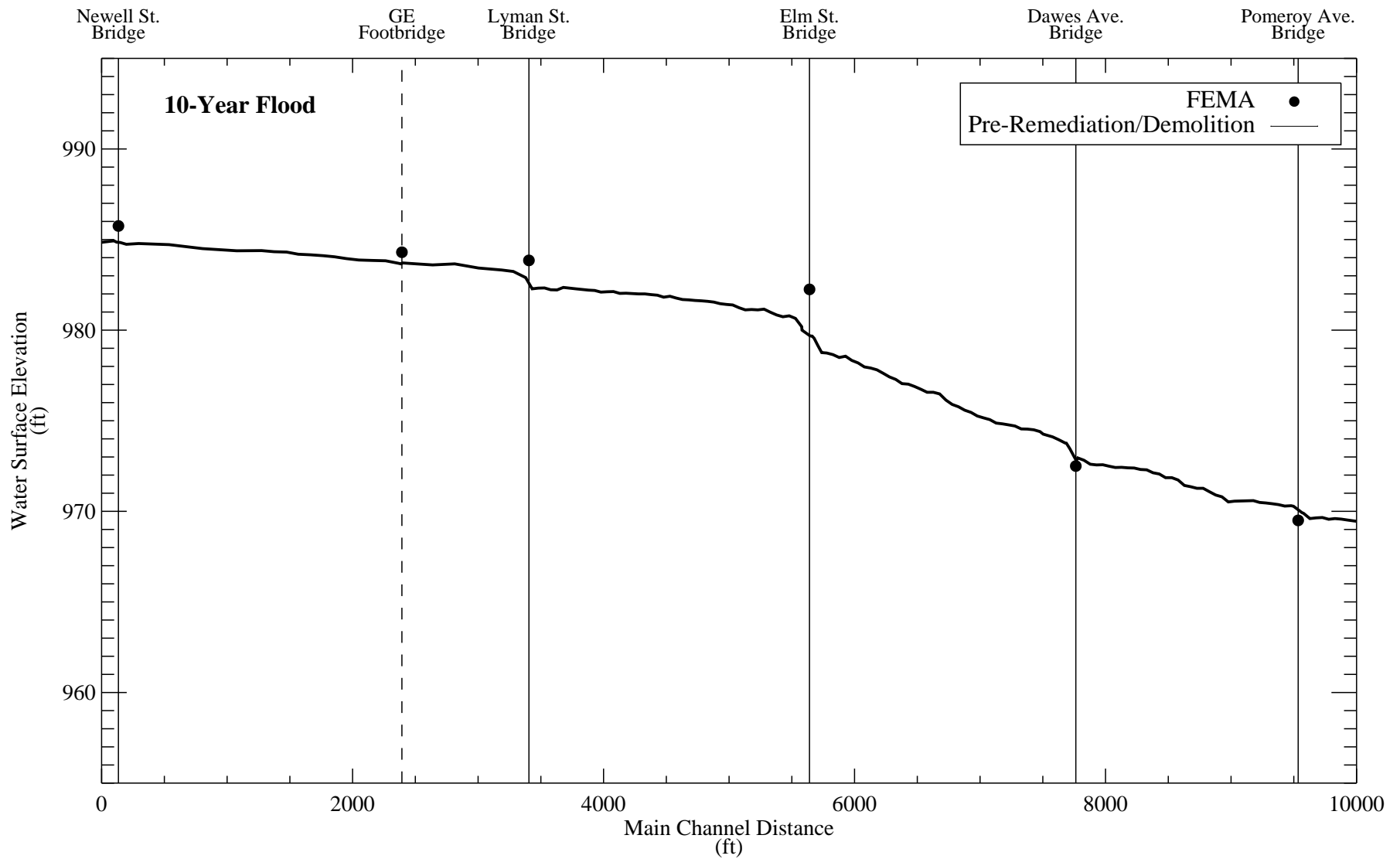


**Figure 5a. Pre-remediation/demolition water surface elevations during 100-year flood.**

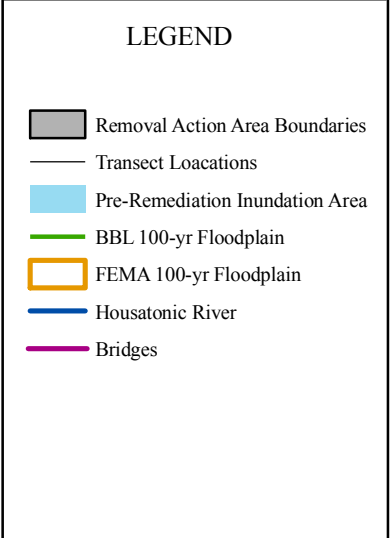
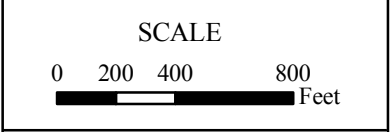
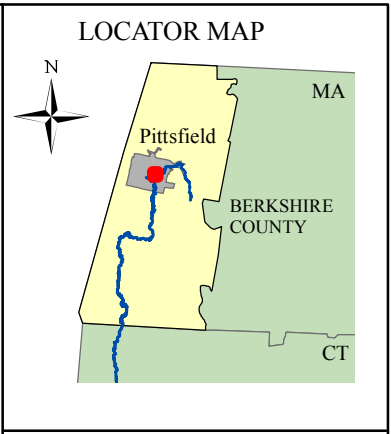
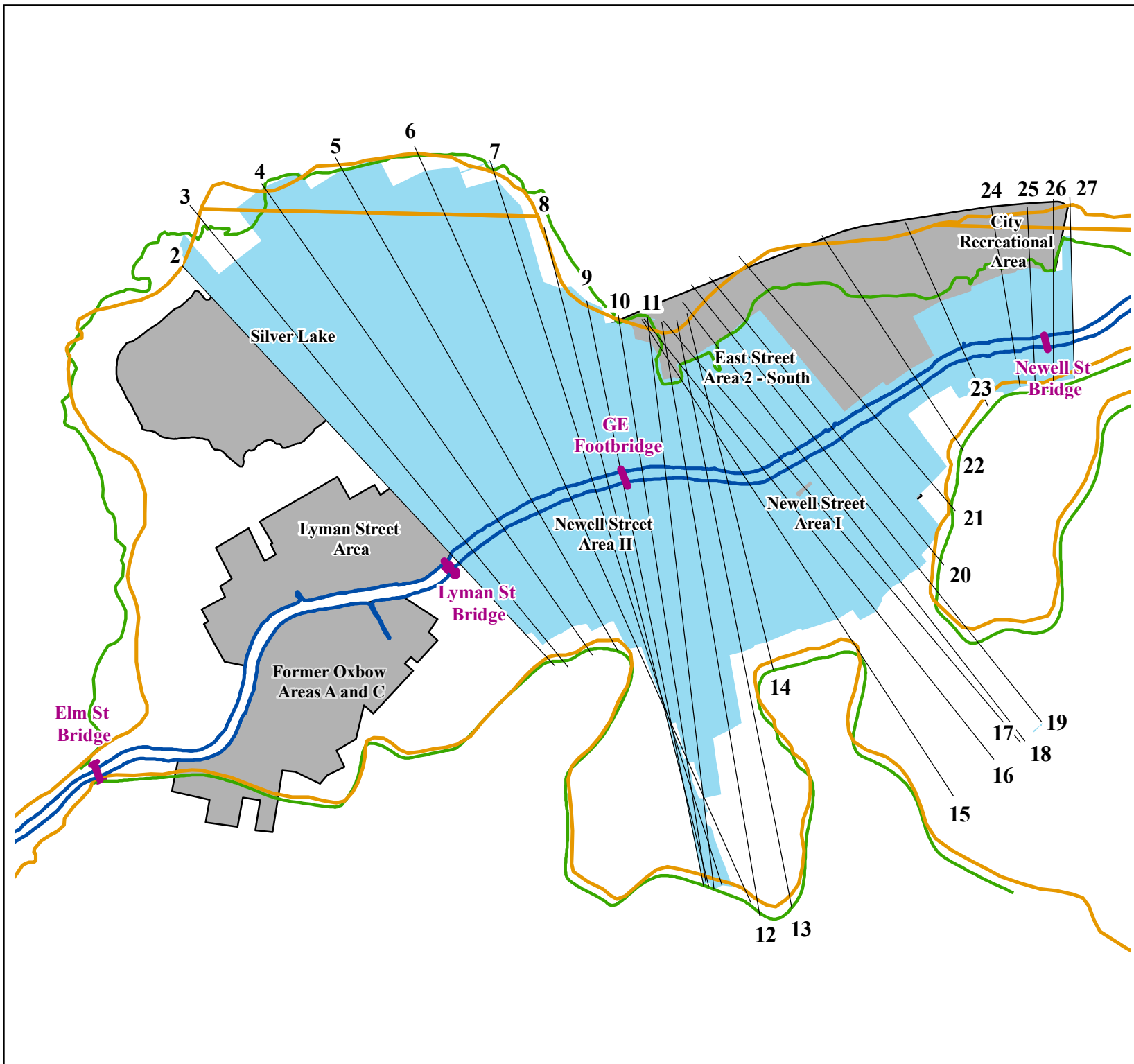




**Figure 5b. Pre-remediation/demolition water surface elevations during 50-year flood.**

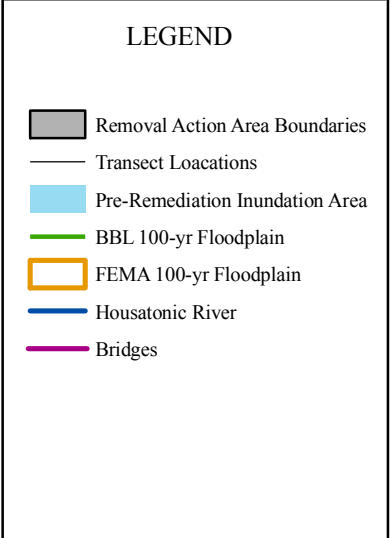
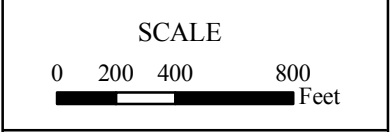
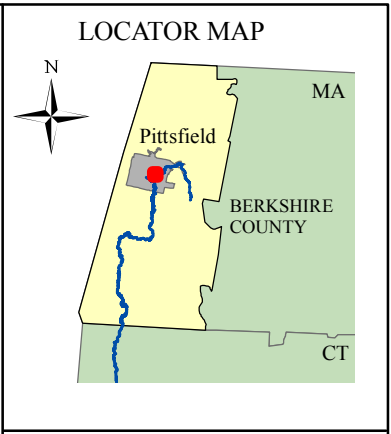
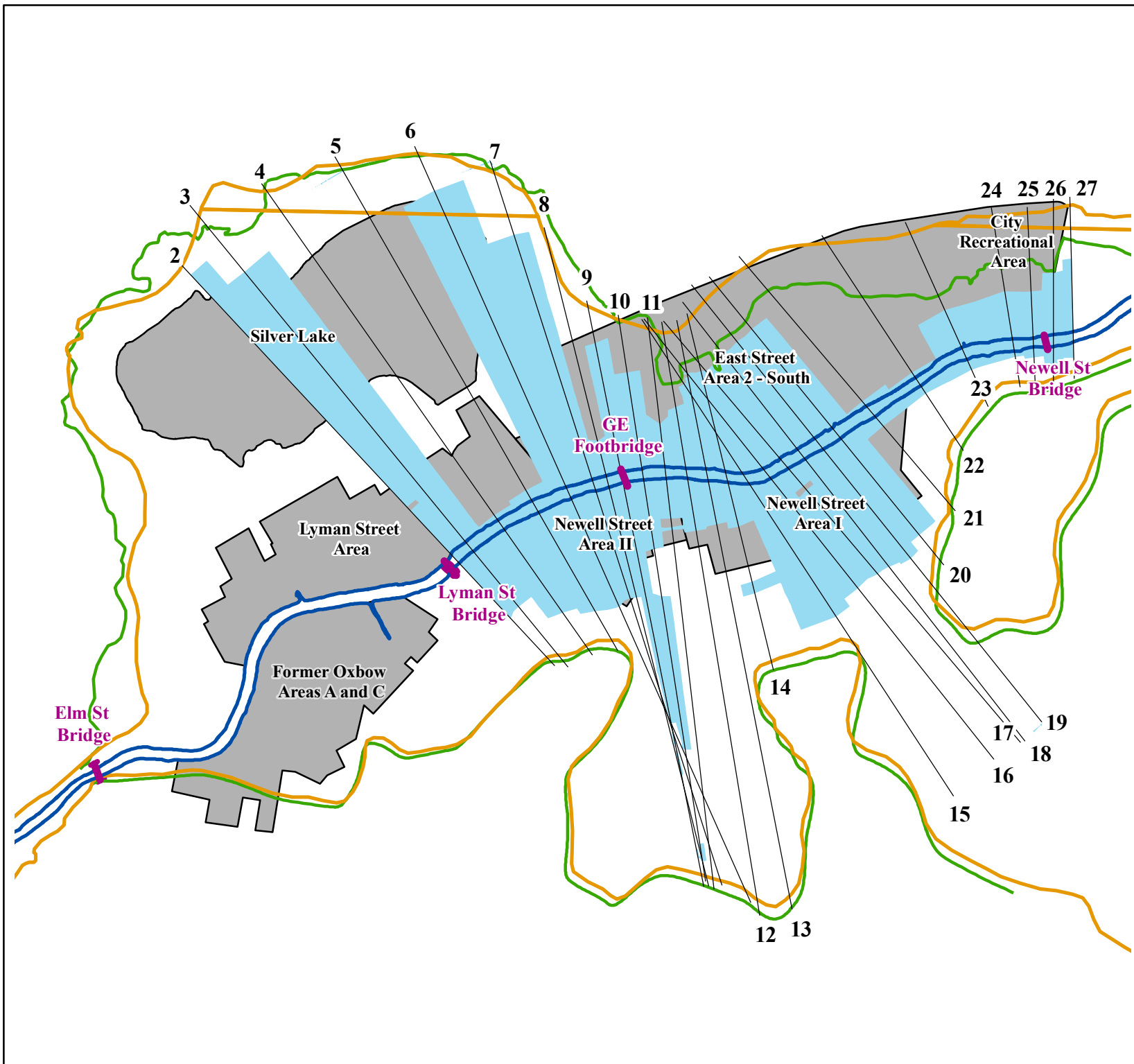


**Figure 5c. Pre-remediation/demolition water surface elevations during 10-year flood.**



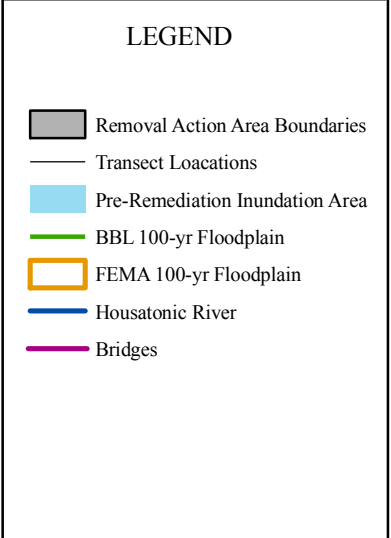
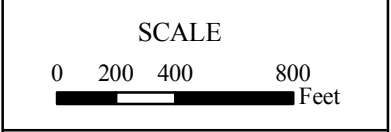
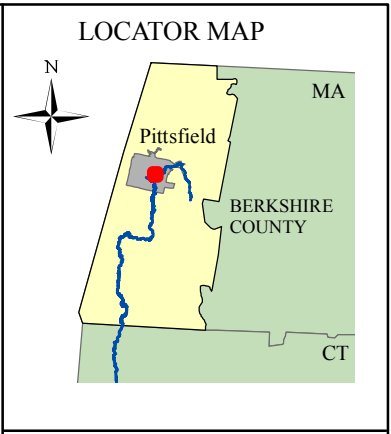
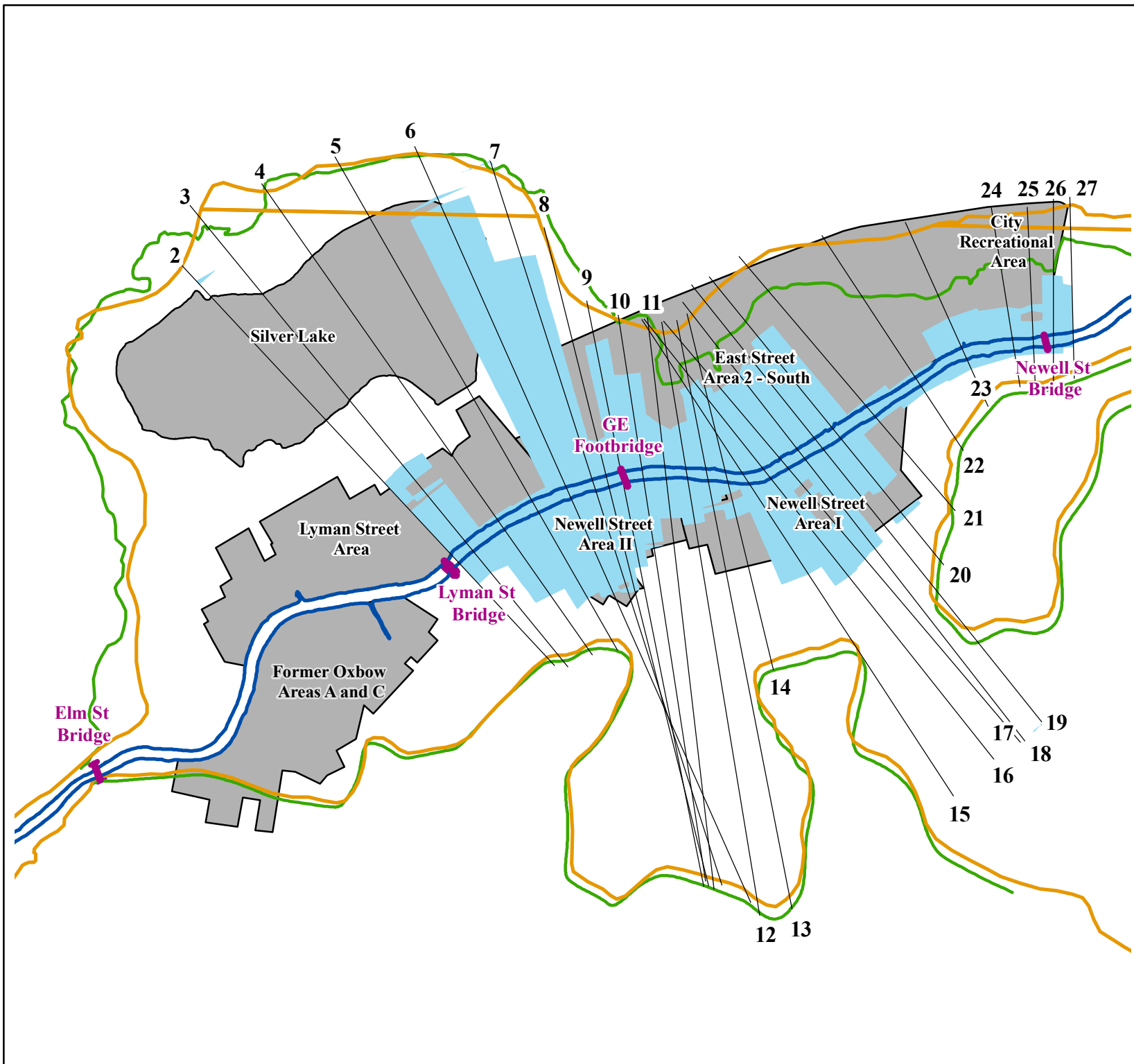
**Predicted Area:**  
Pre-Remediation - 126 acres

Figure 6a.  
 Pre-remediation/demolition flood extent map  
**(100-year flood)**



**Predicted Area:**  
Pre-Remediation - 74 acres

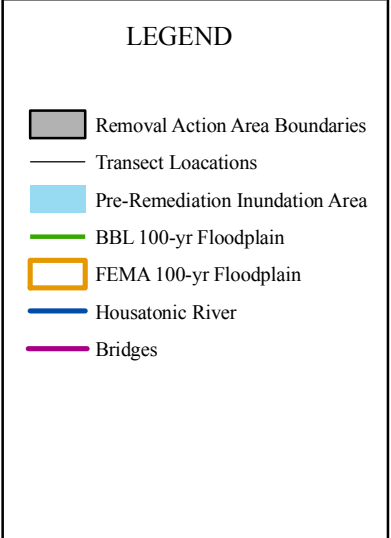
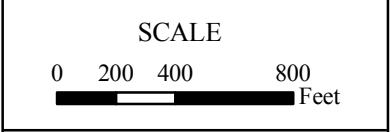
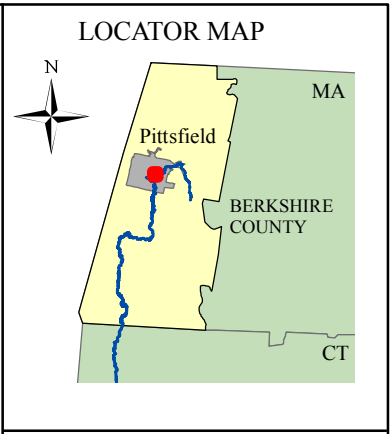
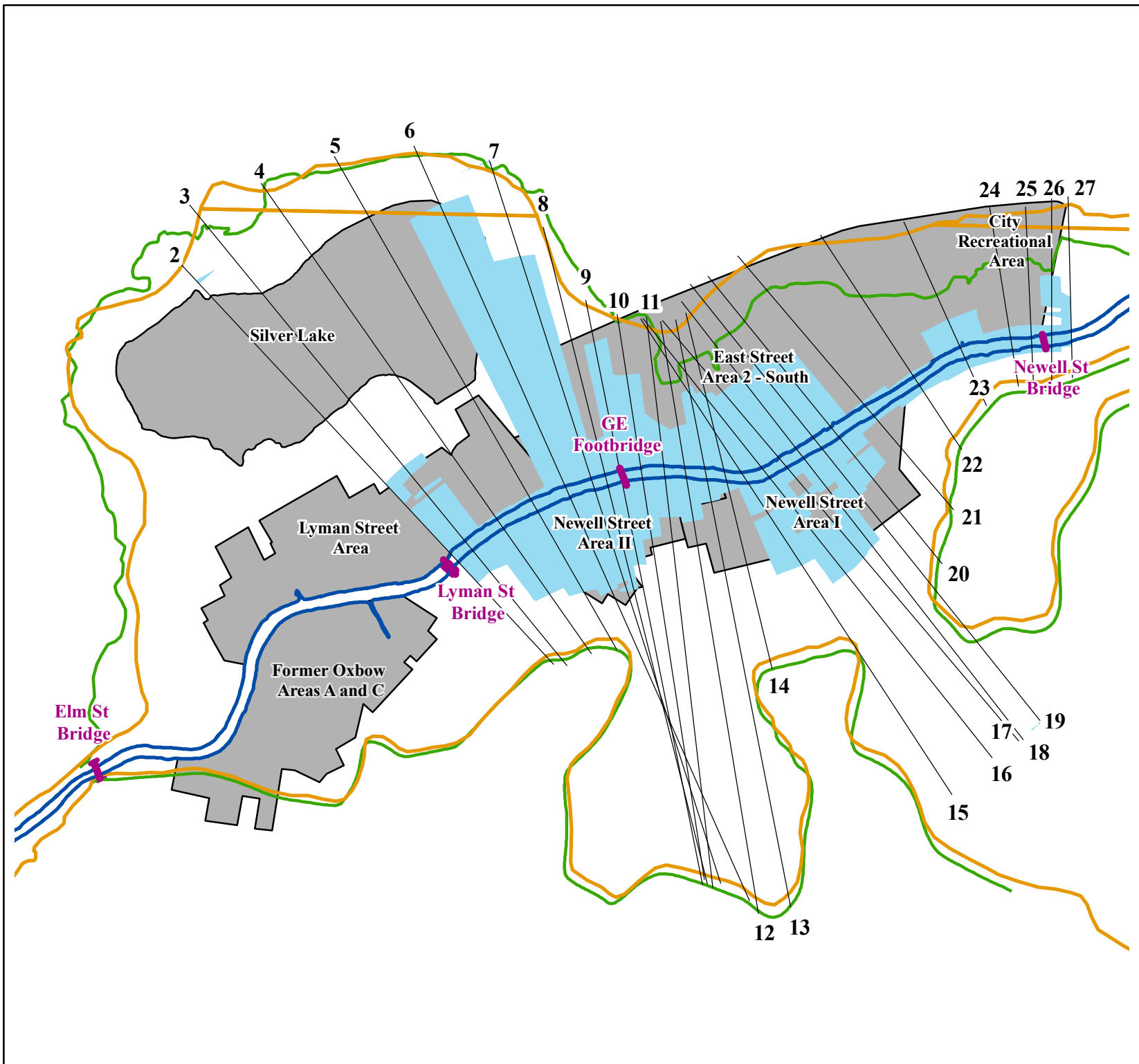
Figure 6b.  
 Pre-remediation/demolition flood extent map  
**(50-year flood)**



**Predicted Area:**  
Pre-Remediation - 52 acres

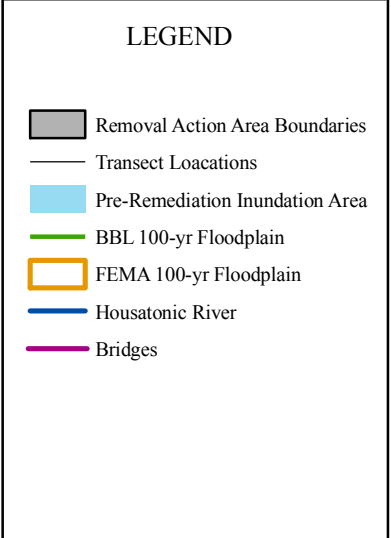
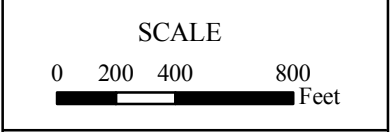
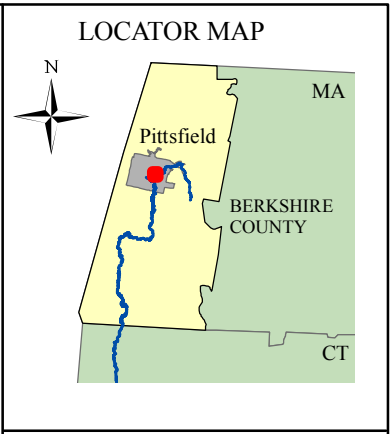
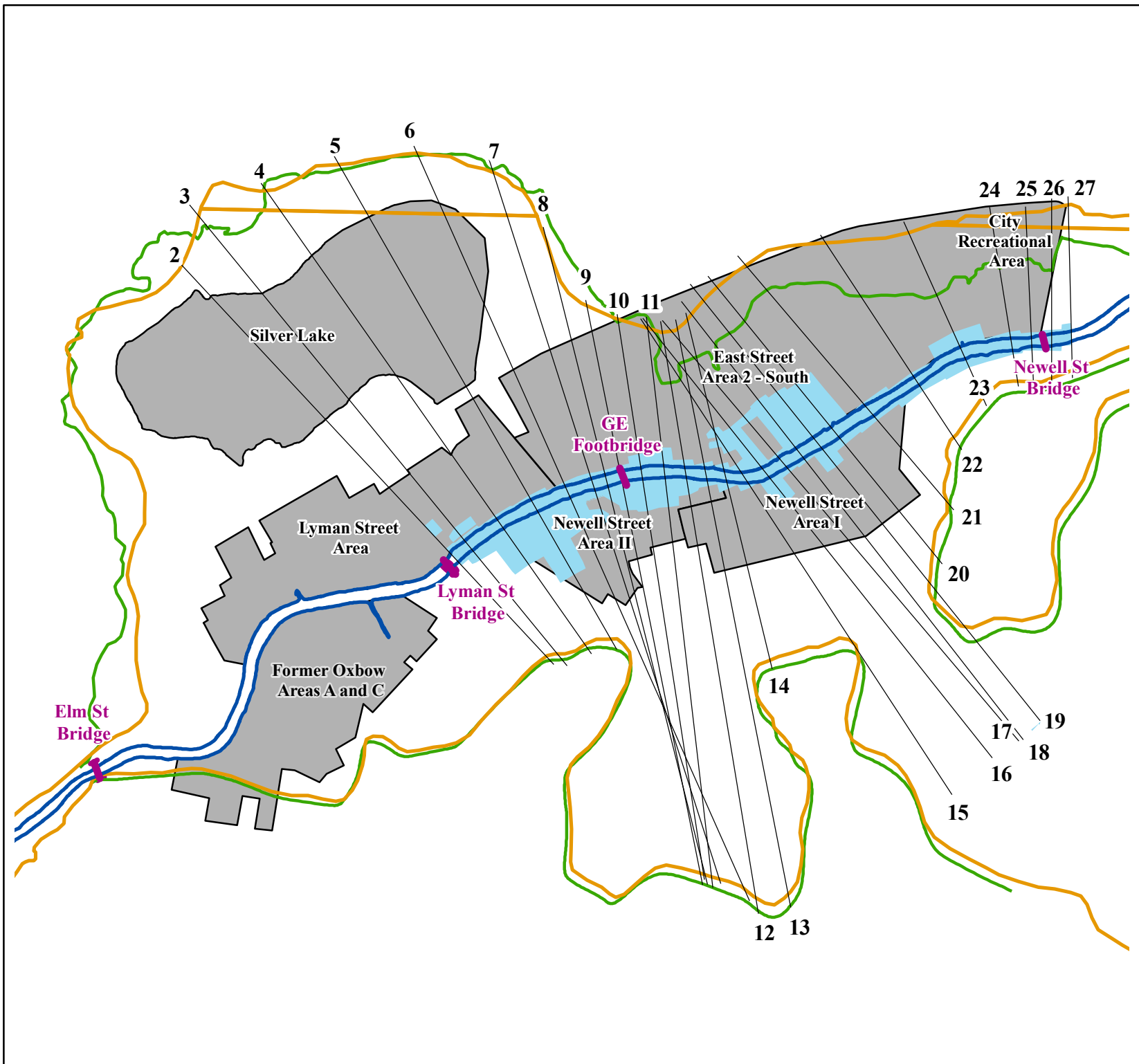
Figure 6c.  
 Pre-remediation/demolition flood extent map  
 (10-50B year flood)





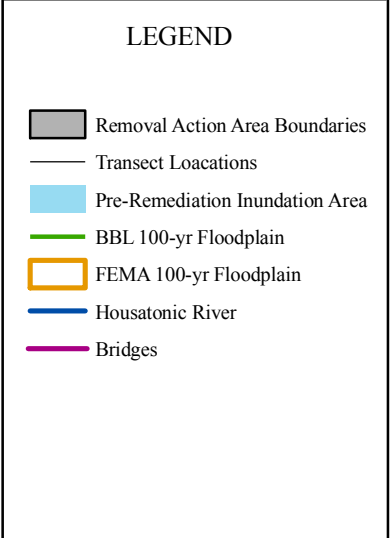
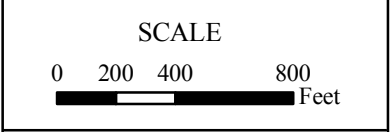
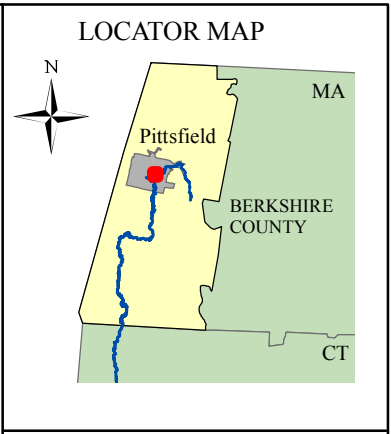
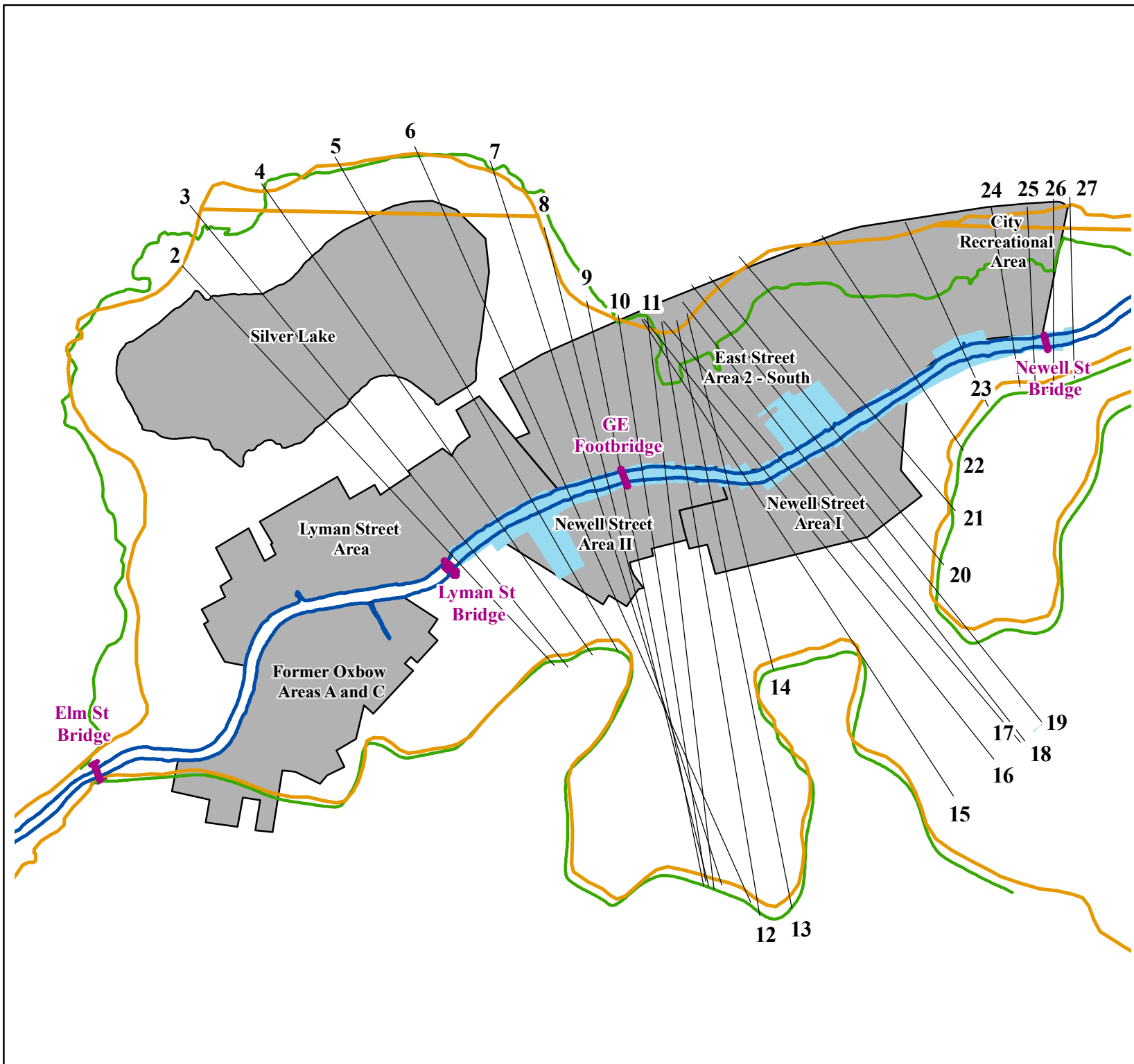
Predicted Area:  
Pre-Remediation - 49 acres

Figure 6d.  
 Pre-remediation/demolition flood extent map  
**(10-50A year flood)**



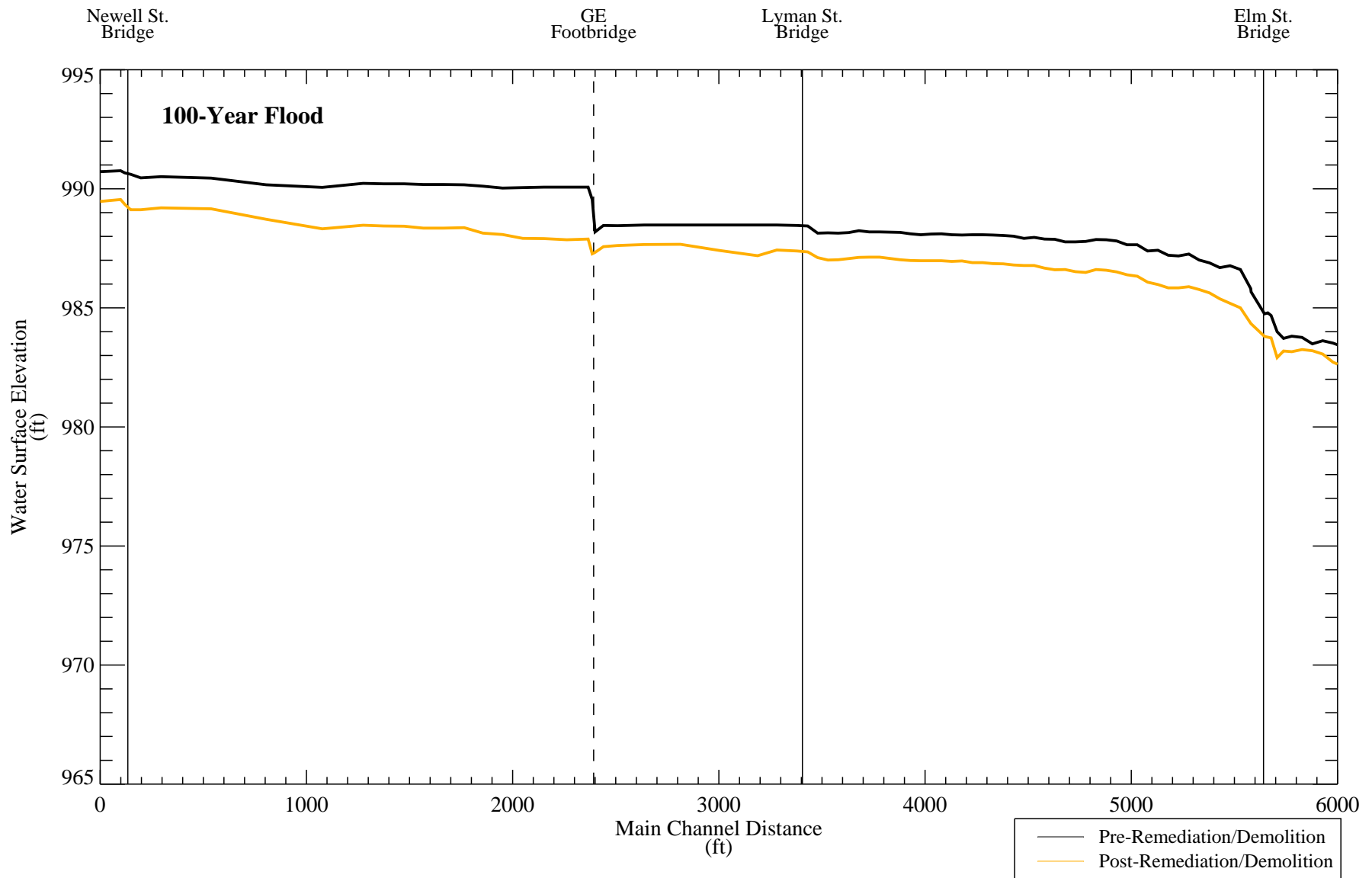
**Predicted Area:**  
Pre-Remediation - 16 acres

Figure 6e.  
 Pre-remediation/demolition flood extent map  
**(10-year flood)**

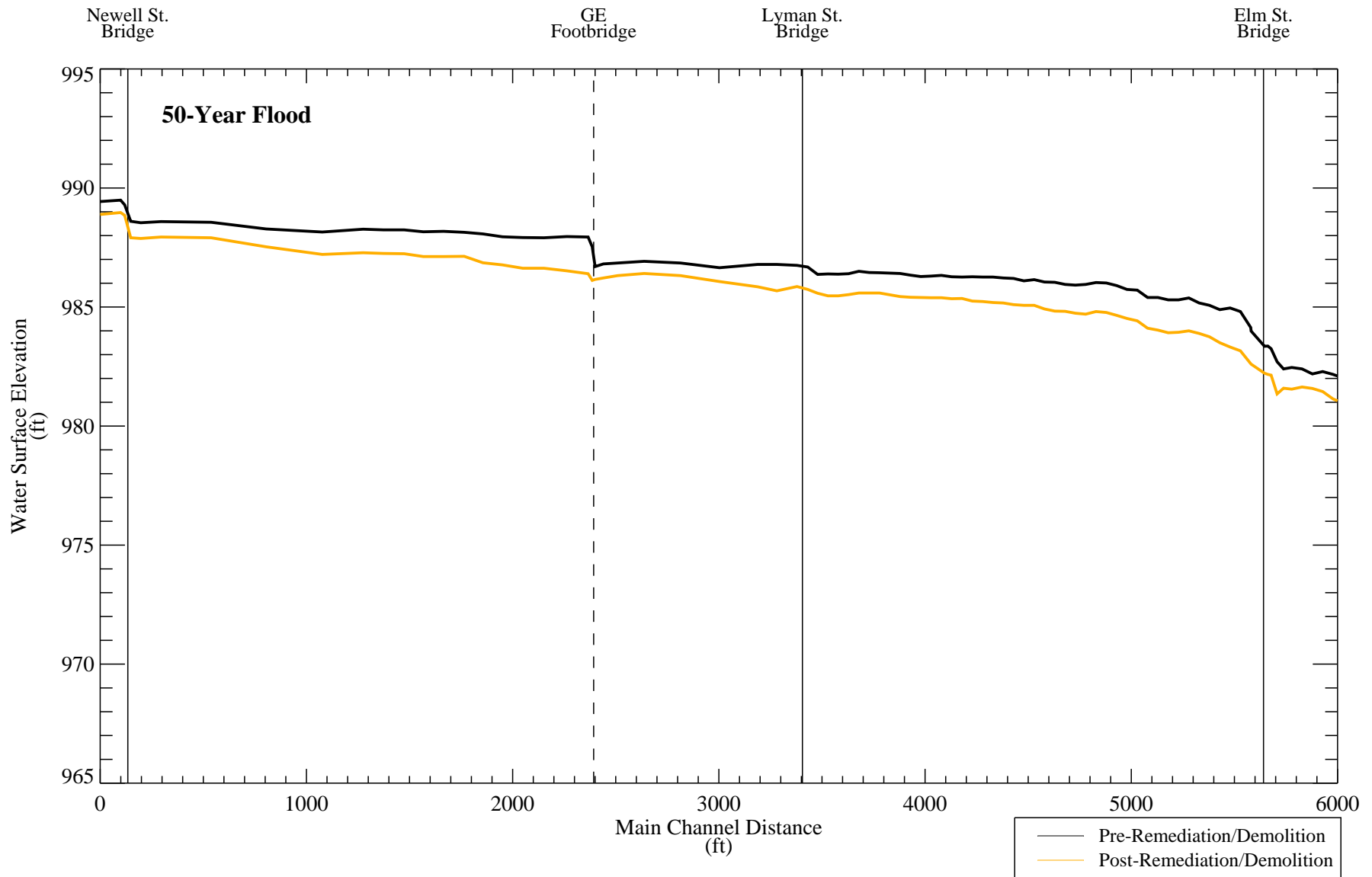


**Predicted Area:**  
Pre-Remediation - 11 acres

Figure 6f.  
 Pre-remediation/demolition flood extent map  
 (5-year flood)

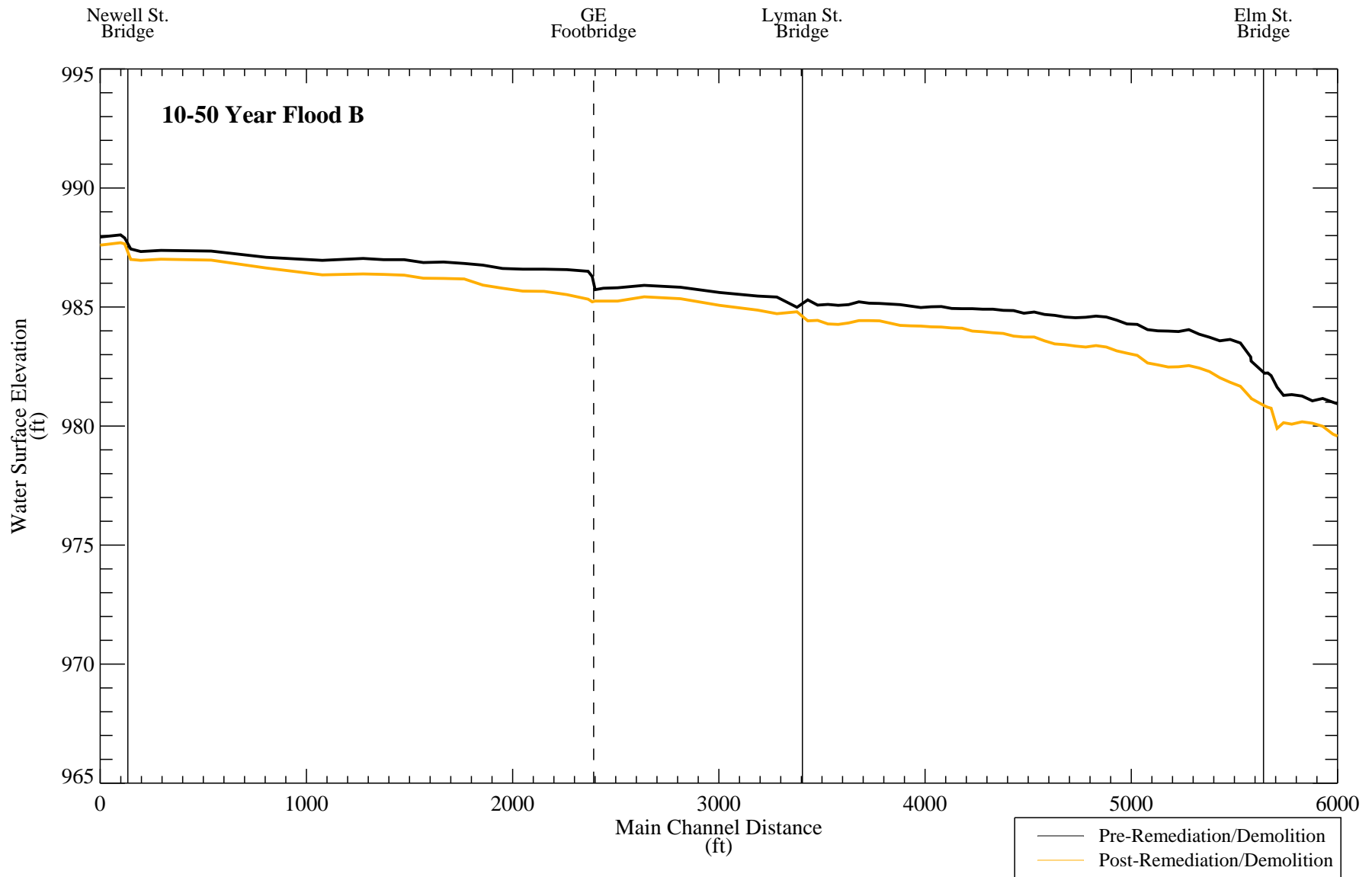


**Figure 7a. Comparison of Pre- and Post-remediation/demolition water surface elevations.**

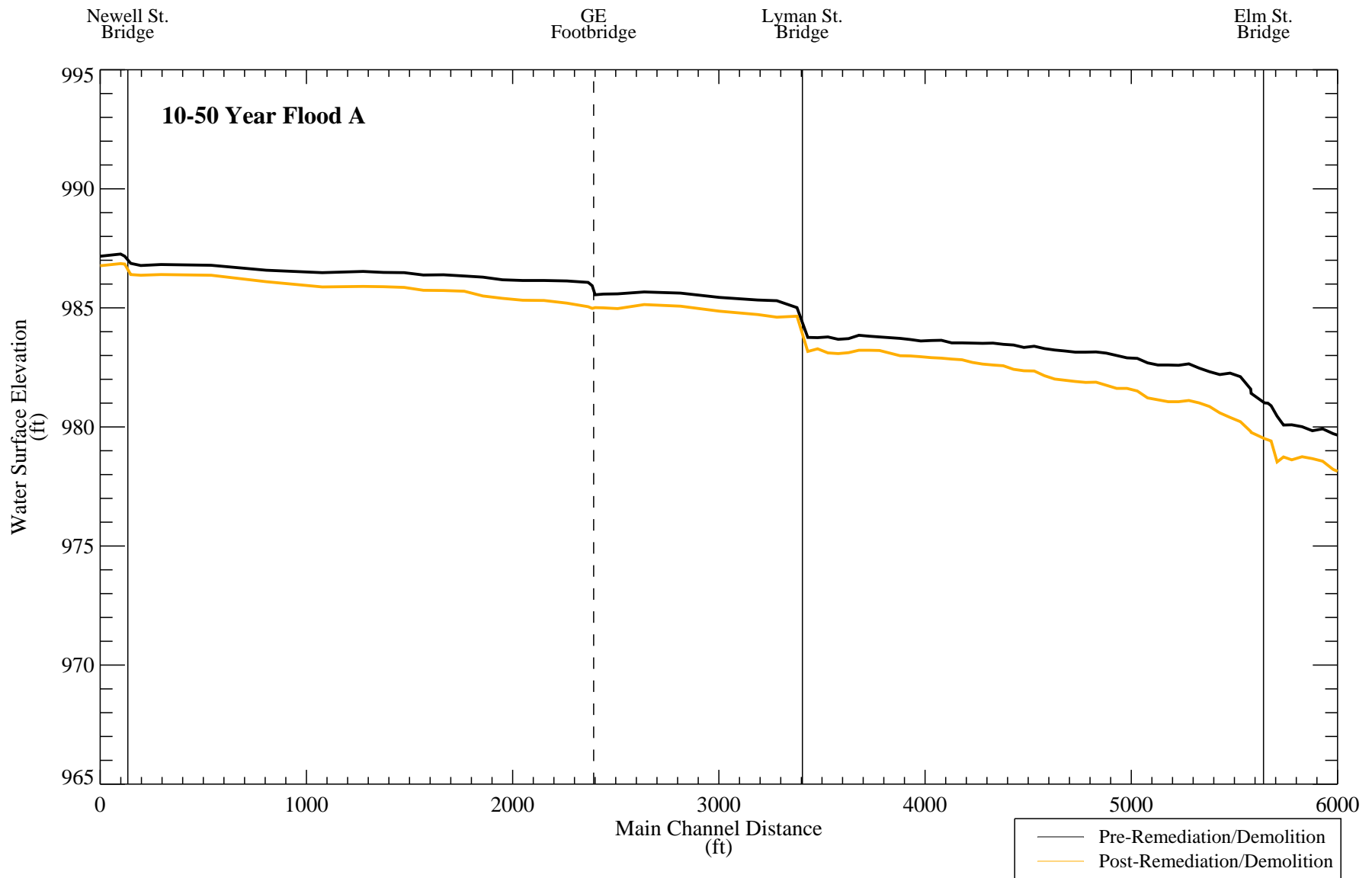


**Figure 7b. Comparison of Pre- and Post-remediation/demolition water surface elevations.**

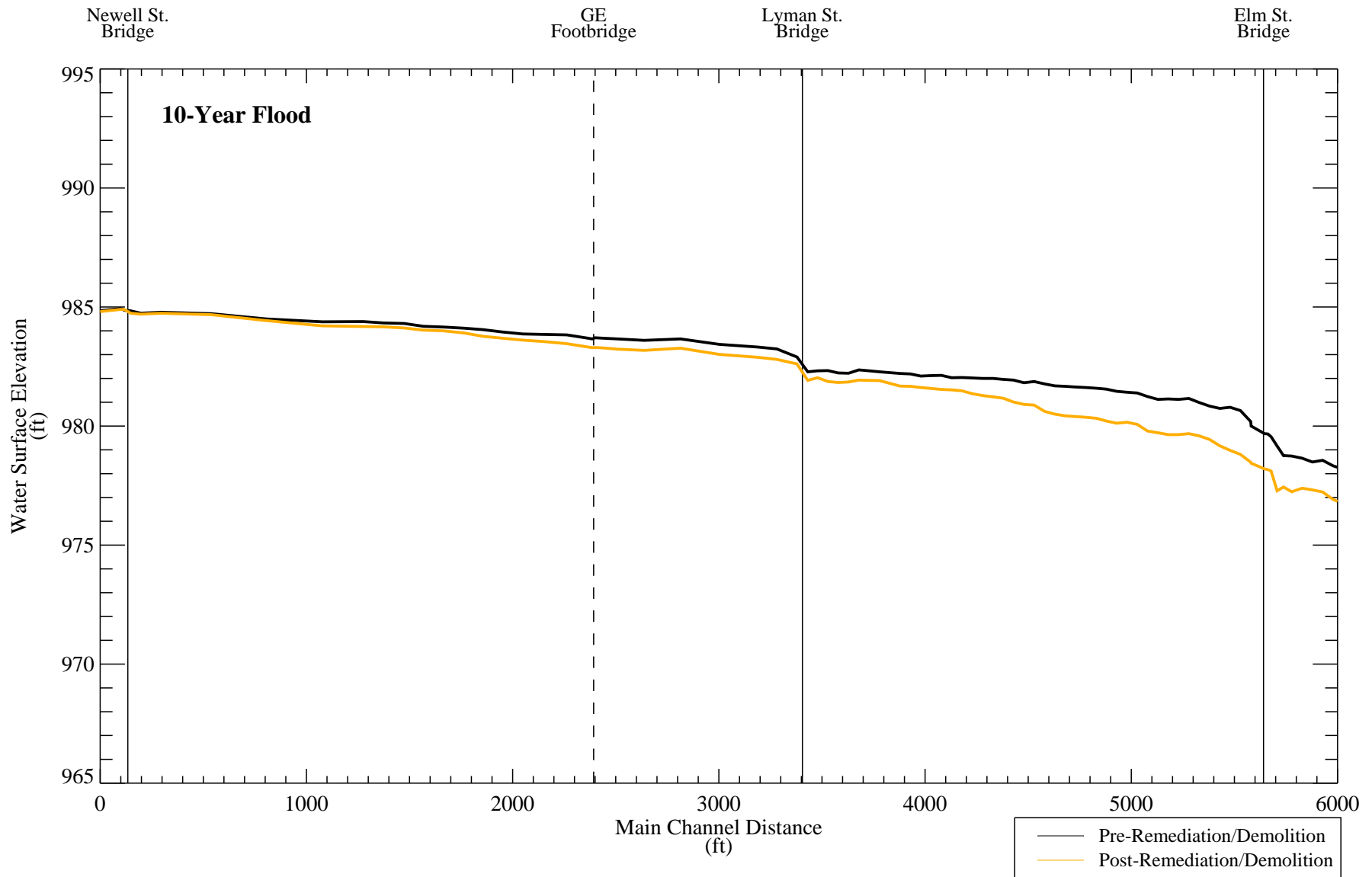




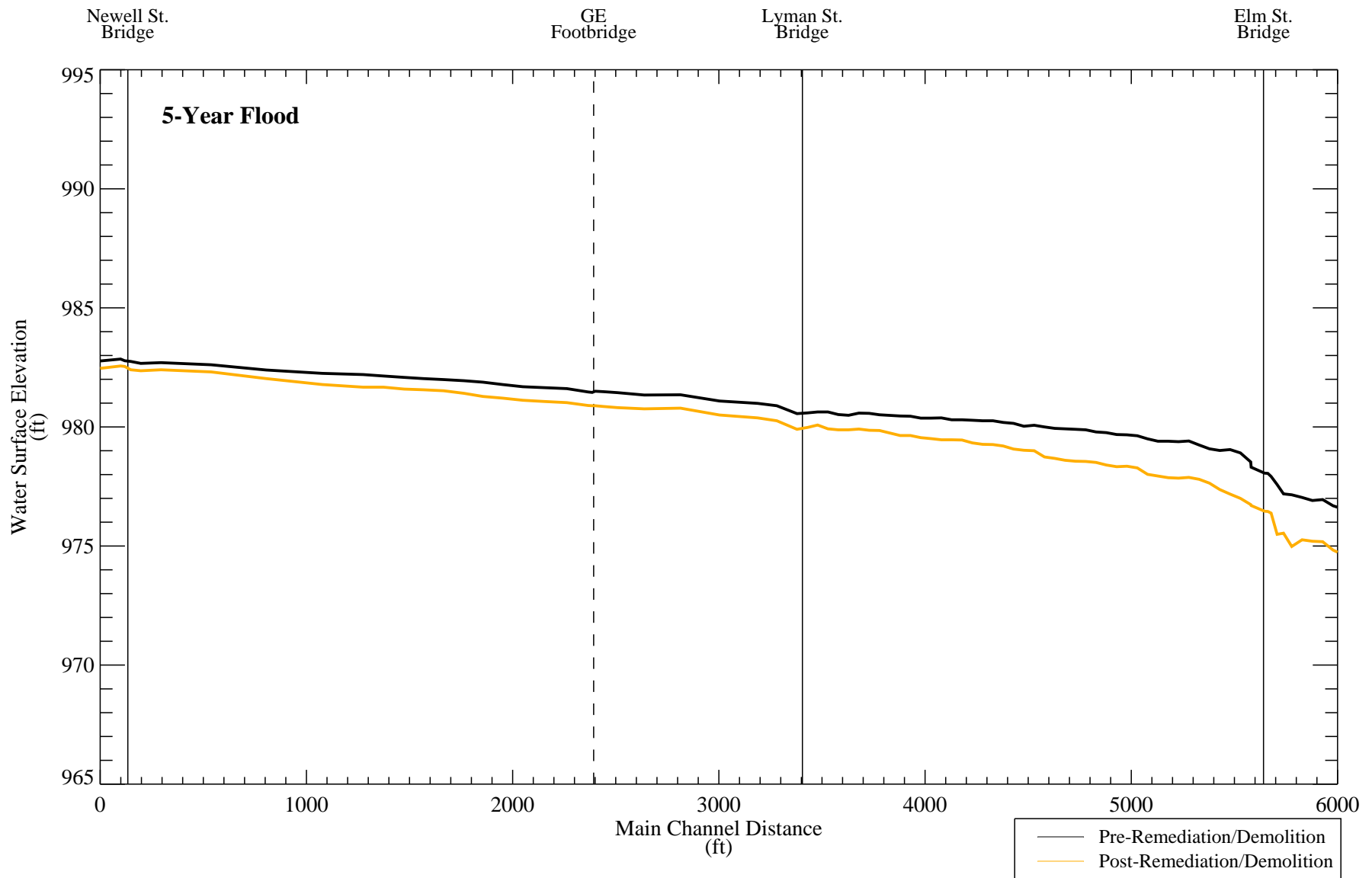
**Figure 7c. Comparison of Pre- and Post-remediation/demolition water surface elevations.**



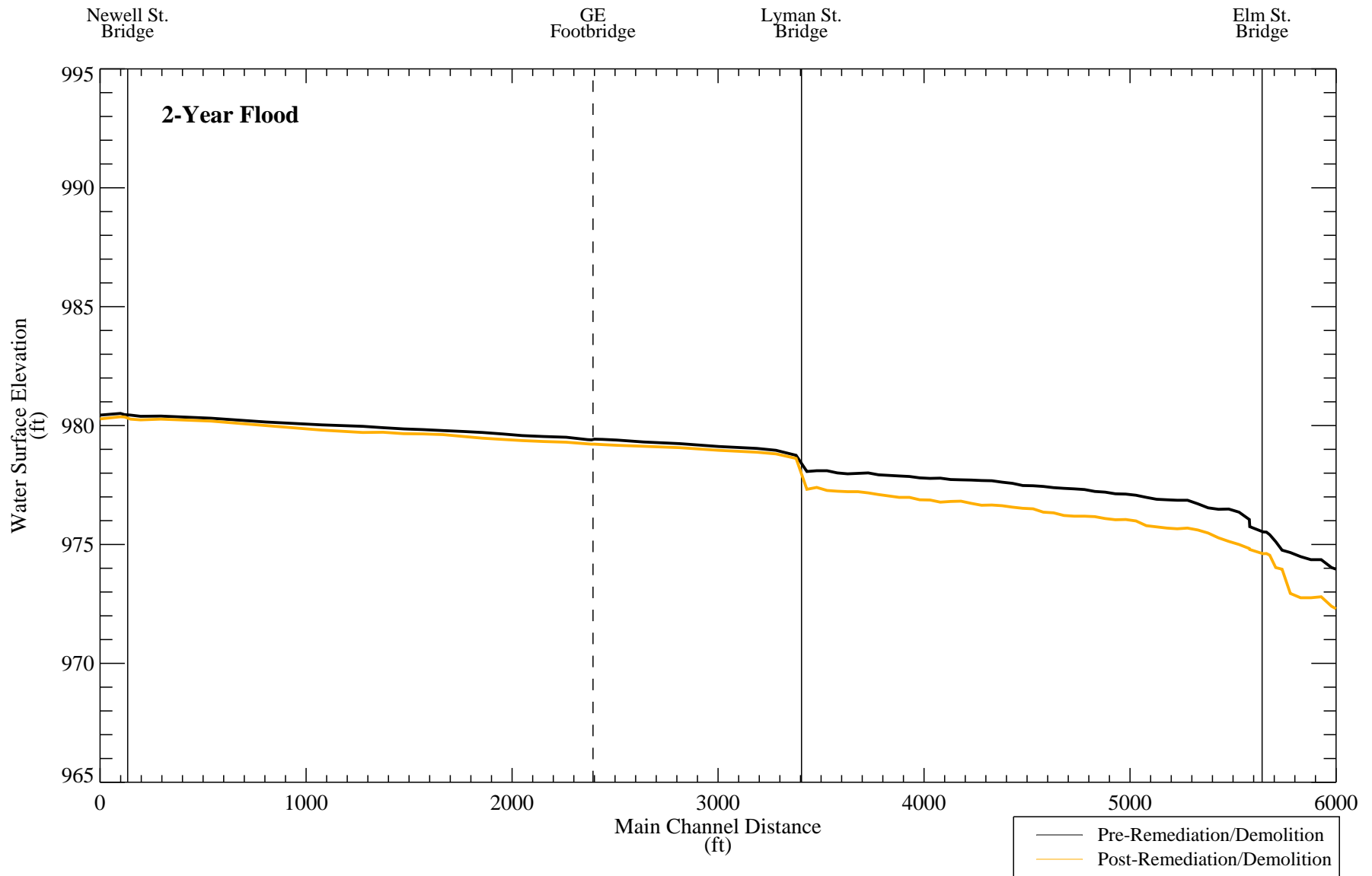
**Figure 7d. Comparison of Pre- and Post-remediation/demolition water surface elevations.**



**Figure 7e. Comparison of Pre- and Post-remediation/demolition water surface elevations.**

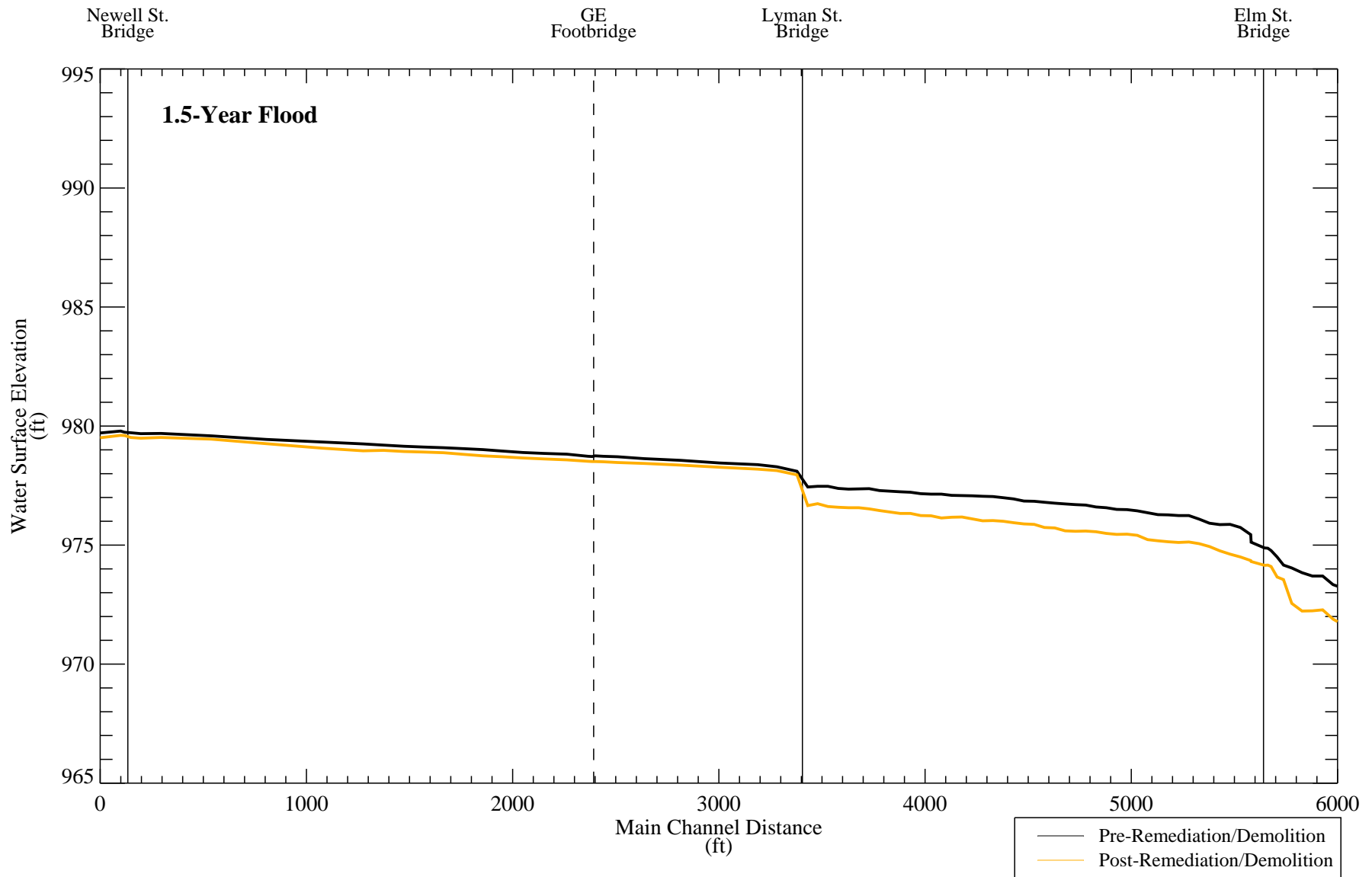


**Figure 7f. Comparison of Pre- and Post-remediation/demolition water surface elevations.**

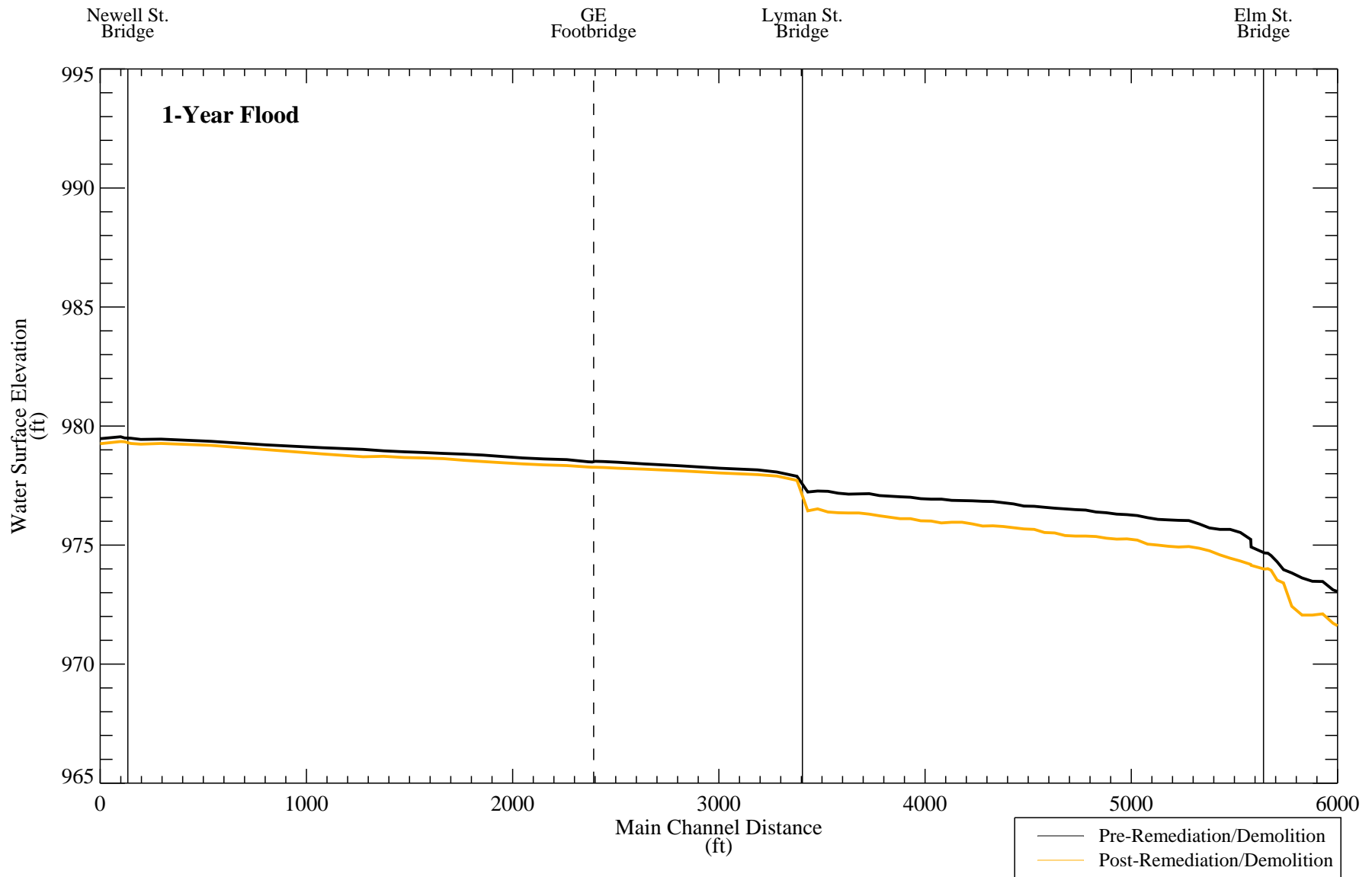


**Figure 7g. Comparison of Pre- and Post-remediation/demolition water surface elevations.**

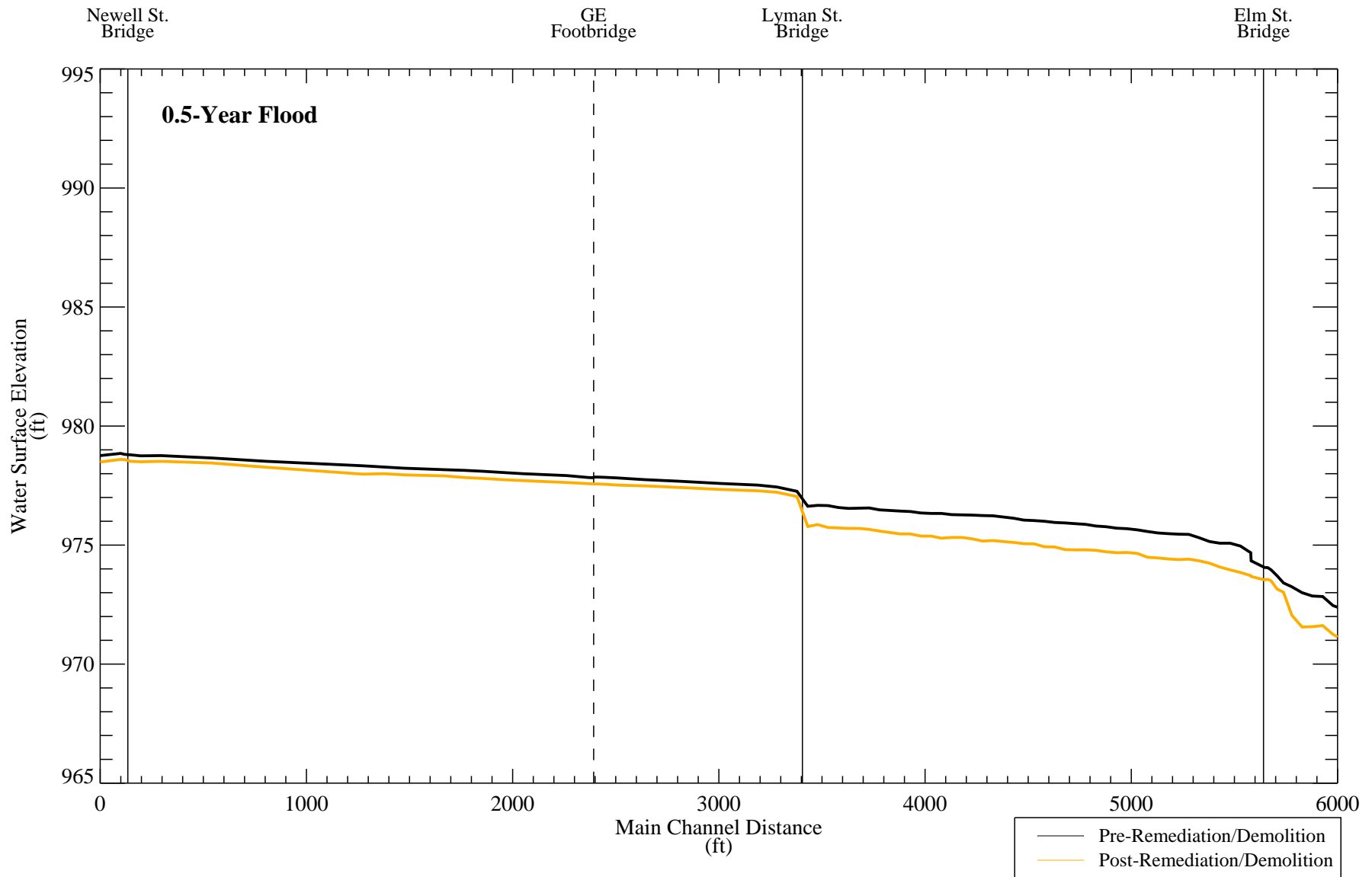




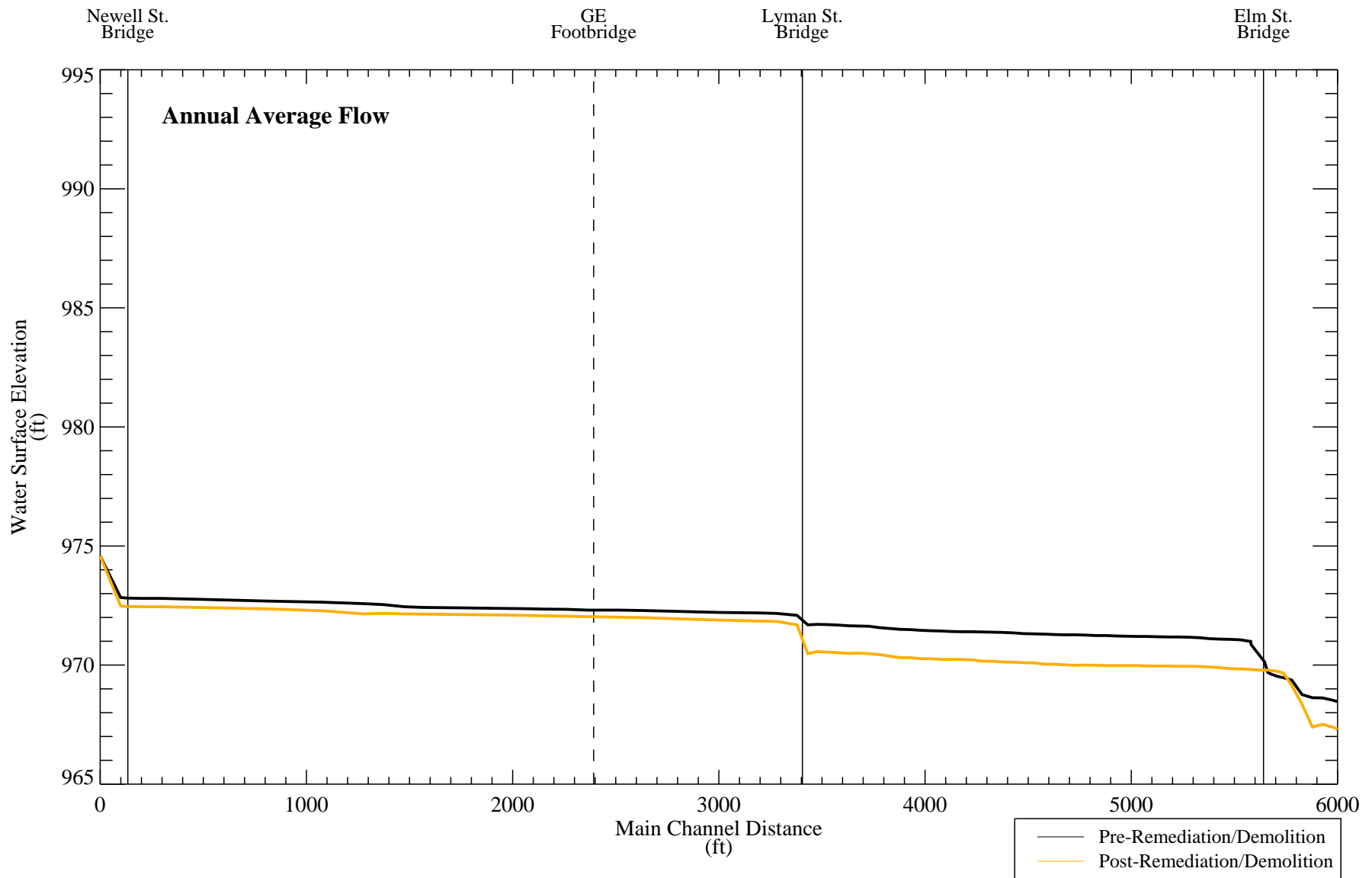
**Figure 7h. Comparison of Pre- and Post-remediation/demolition water surface elevations.**



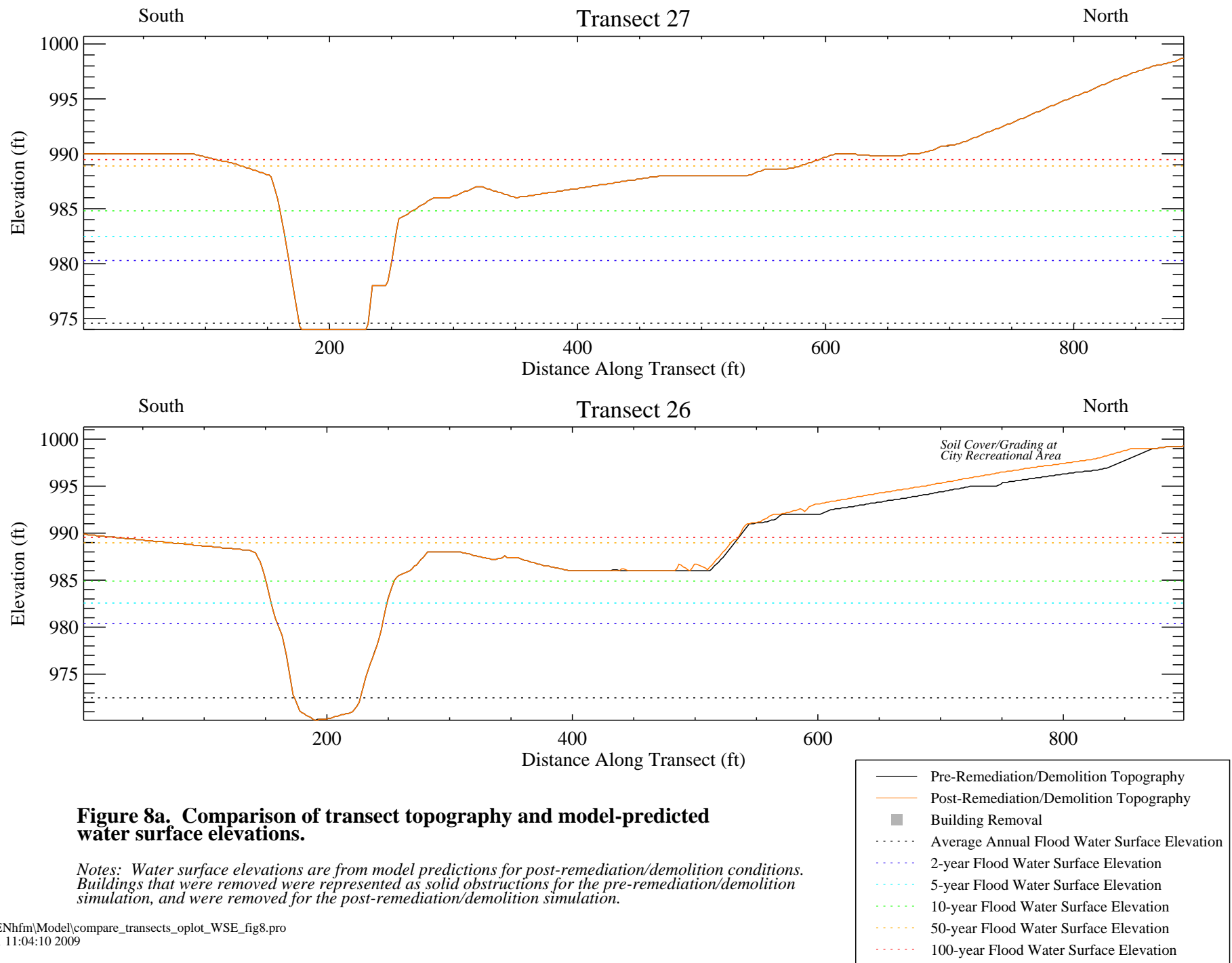
**Figure 7i. Comparison of Pre- and Post-remediation/demolition water surface elevations.**



**Figure 7j. Comparison of Pre- and Post-remediation/demolition water surface elevations.**



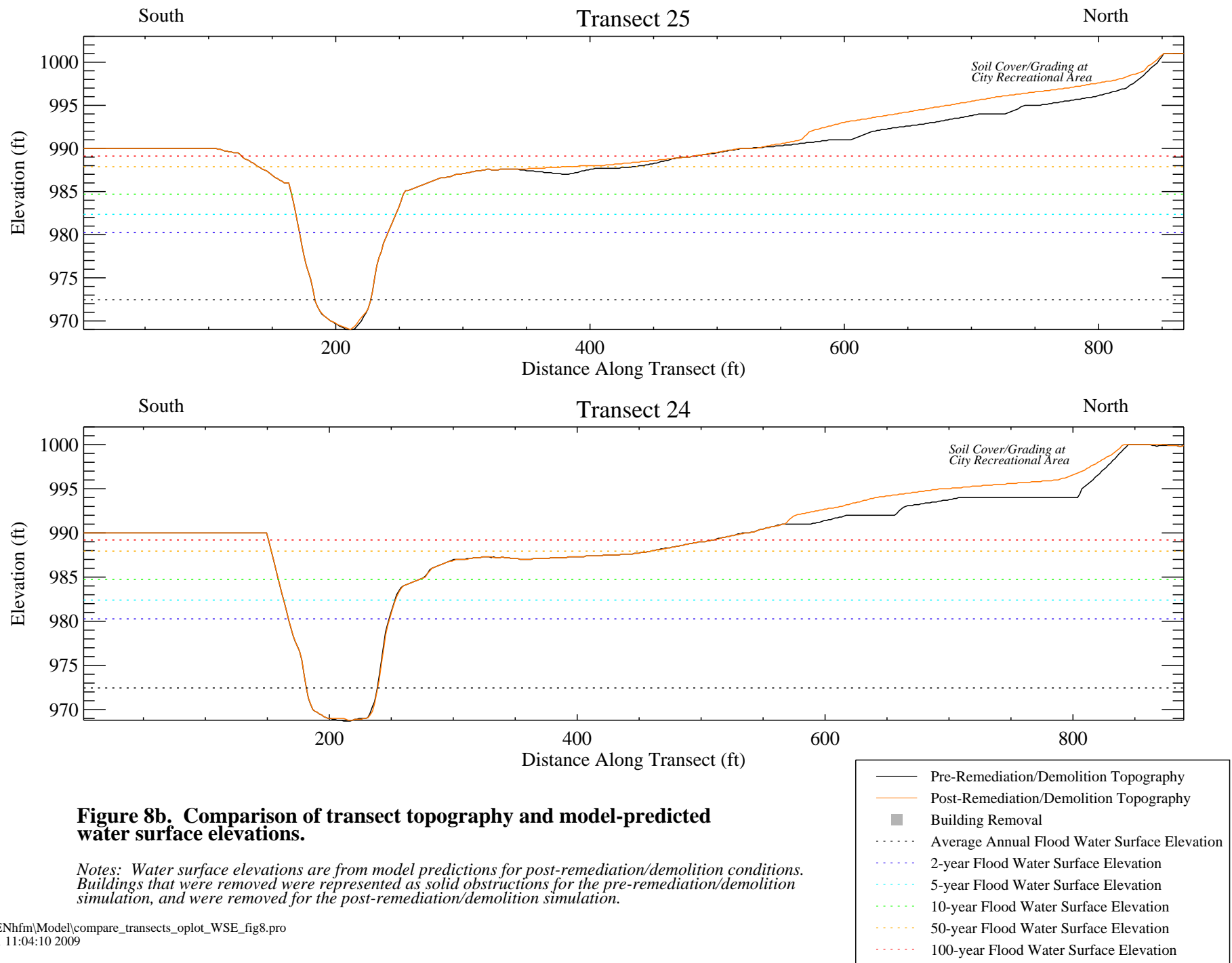
**Figure 7k. Comparison of Pre- and Post-remediation/demolition water surface elevations.**



**Figure 8a. Comparison of transect topography and model-predicted water surface elevations.**

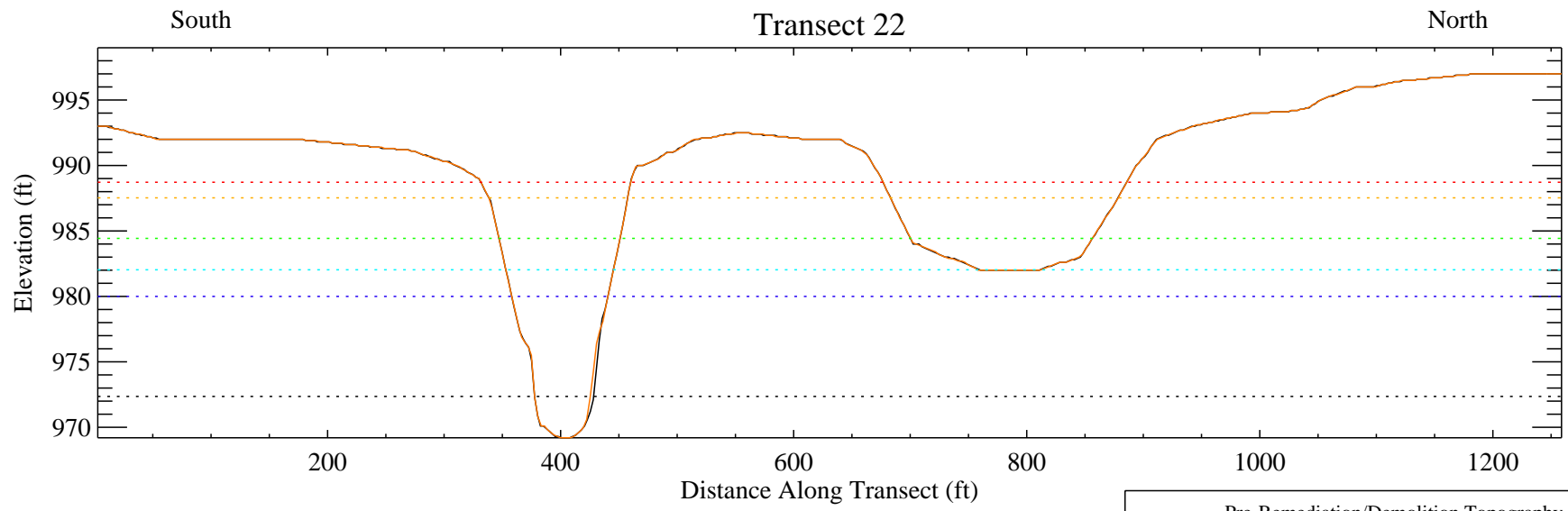
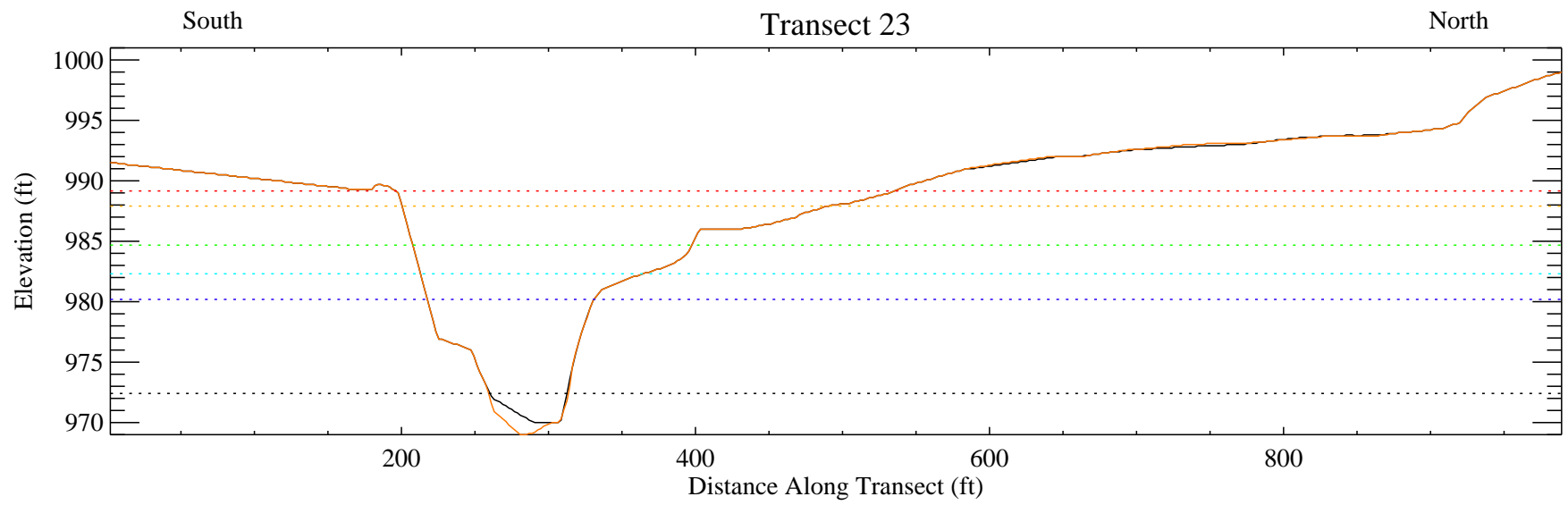
*Notes: Water surface elevations are from model predictions for post-remediation/demolition conditions. Buildings that were removed were represented as solid obstructions for the pre-remediation/demolition simulation, and were removed for the post-remediation/demolition simulation.*





**Figure 8b. Comparison of transect topography and model-predicted water surface elevations.**

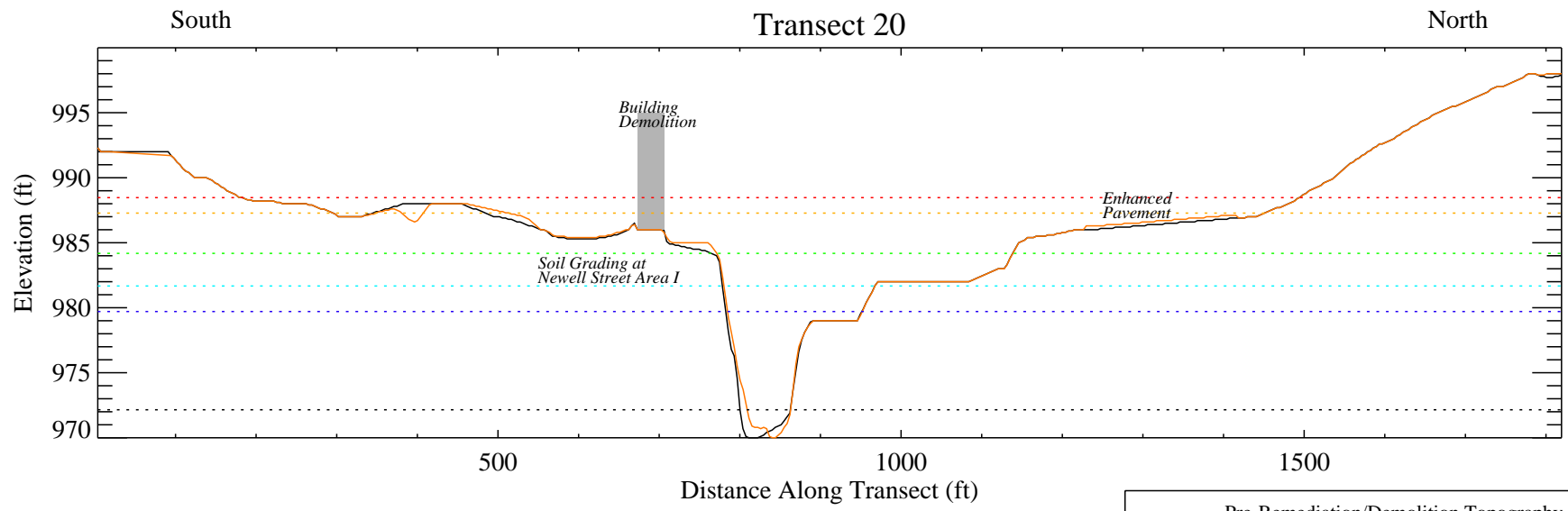
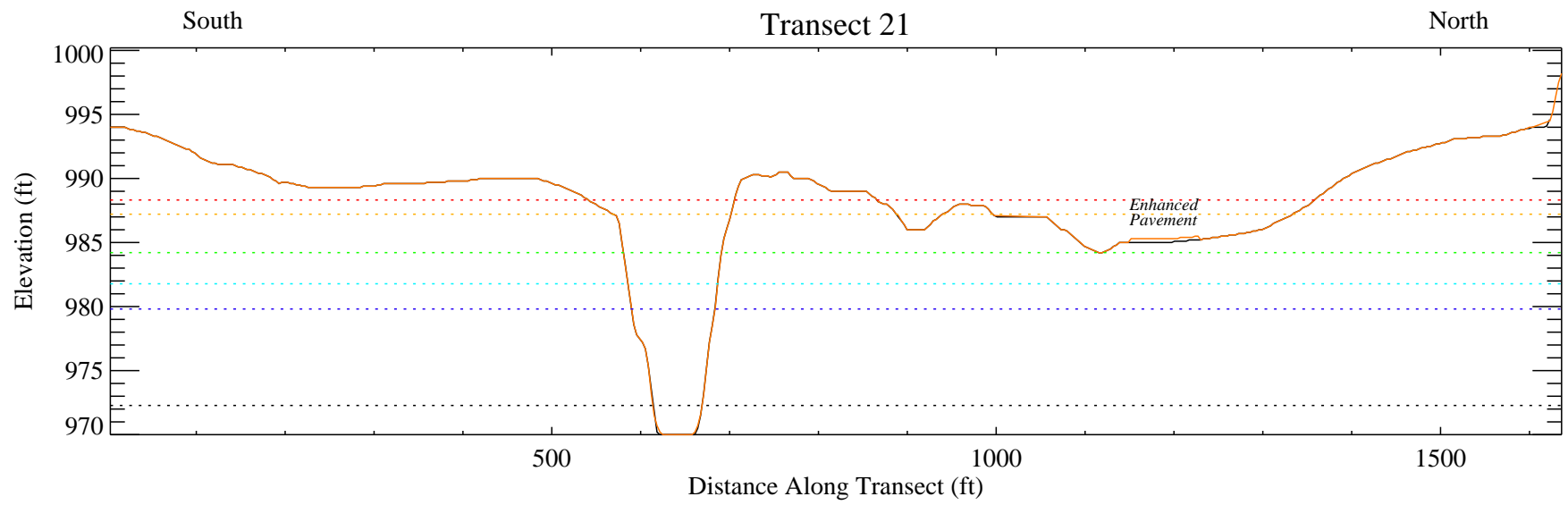
*Notes: Water surface elevations are from model predictions for post-remediation/demolition conditions. Buildings that were removed were represented as solid obstructions for the pre-remediation/demolition simulation, and were removed for the post-remediation/demolition simulation.*



**Figure 8c. Comparison of transect topography and model-predicted water surface elevations.**

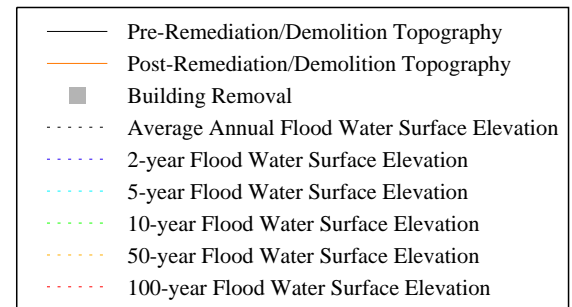
*Notes: Water surface elevations are from model predictions for post-remediation/demolition conditions. Buildings that were removed were represented as solid obstructions for the pre-remediation/demolition simulation, and were removed for the post-remediation/demolition simulation.*

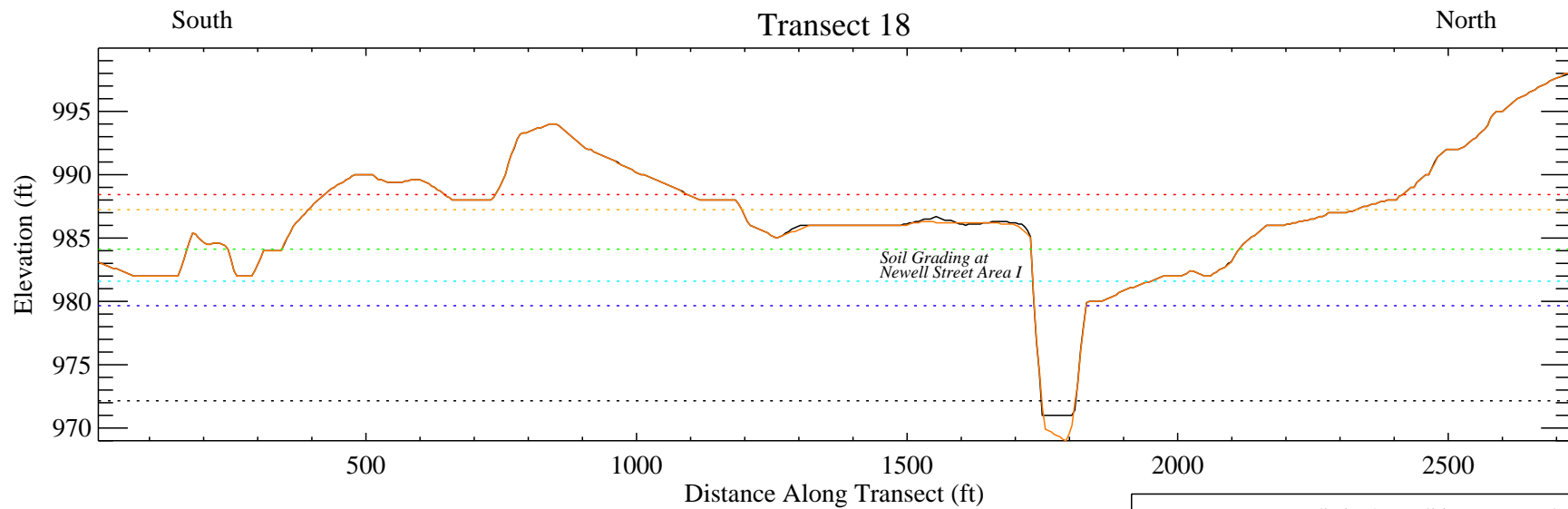
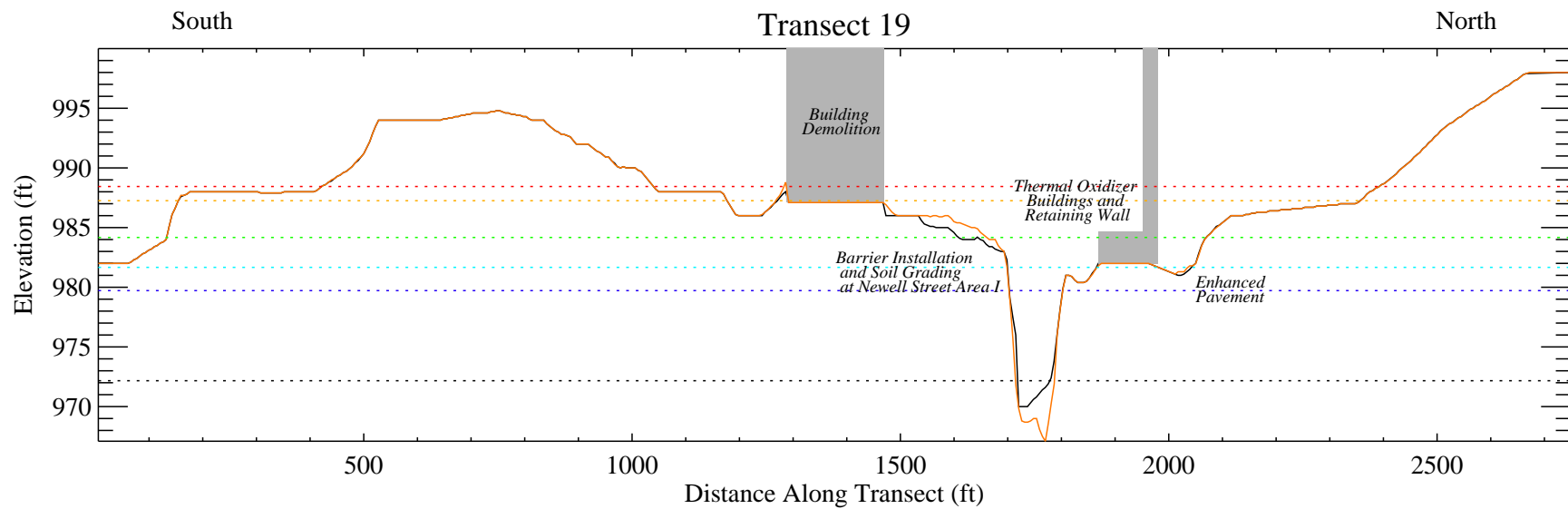
- Pre-Remediation/Demolition Topography
- Post-Remediation/Demolition Topography
- Building Removal
- ..... Average Annual Flood Water Surface Elevation
- ..... 2-year Flood Water Surface Elevation
- ..... 5-year Flood Water Surface Elevation
- ..... 10-year Flood Water Surface Elevation
- ..... 50-year Flood Water Surface Elevation
- ..... 100-year Flood Water Surface Elevation



**Figure 8d. Comparison of transect topography and model-predicted water surface elevations.**

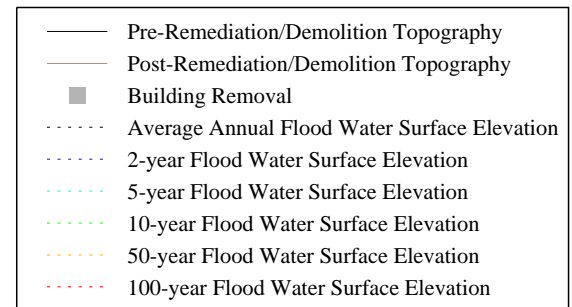
*Notes: Water surface elevations are from model predictions for post-remediation/demolition conditions. Buildings that were removed were represented as solid obstructions for the pre-remediation/demolition simulation, and were removed for the post-remediation/demolition simulation.*

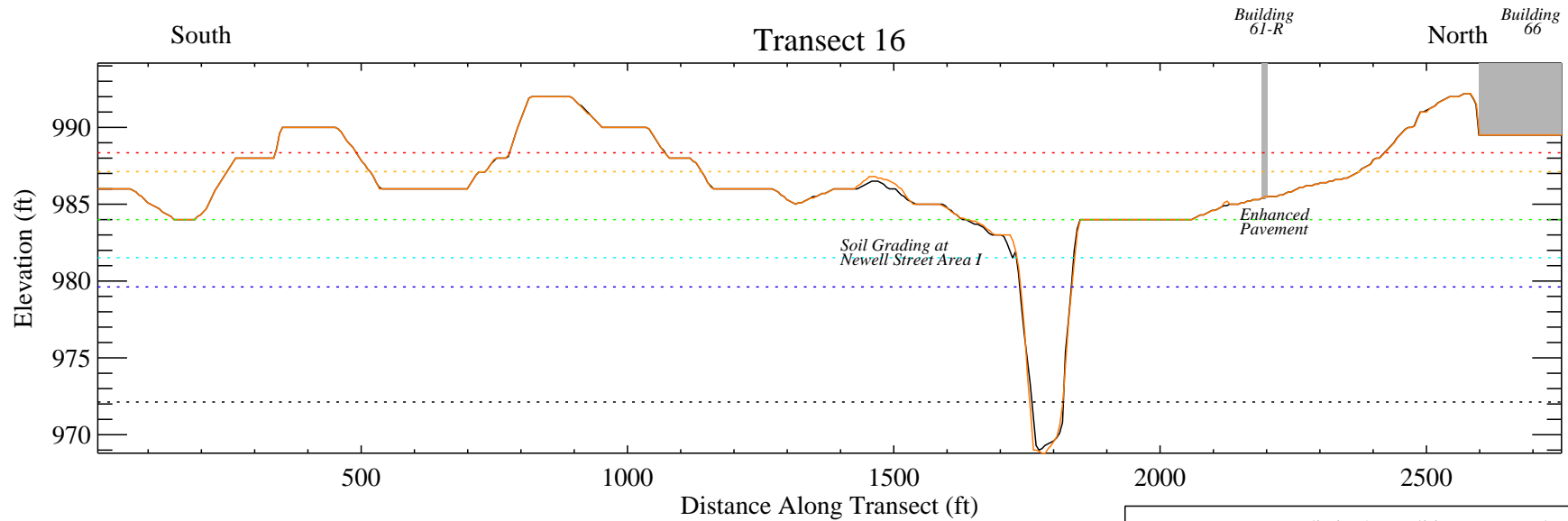
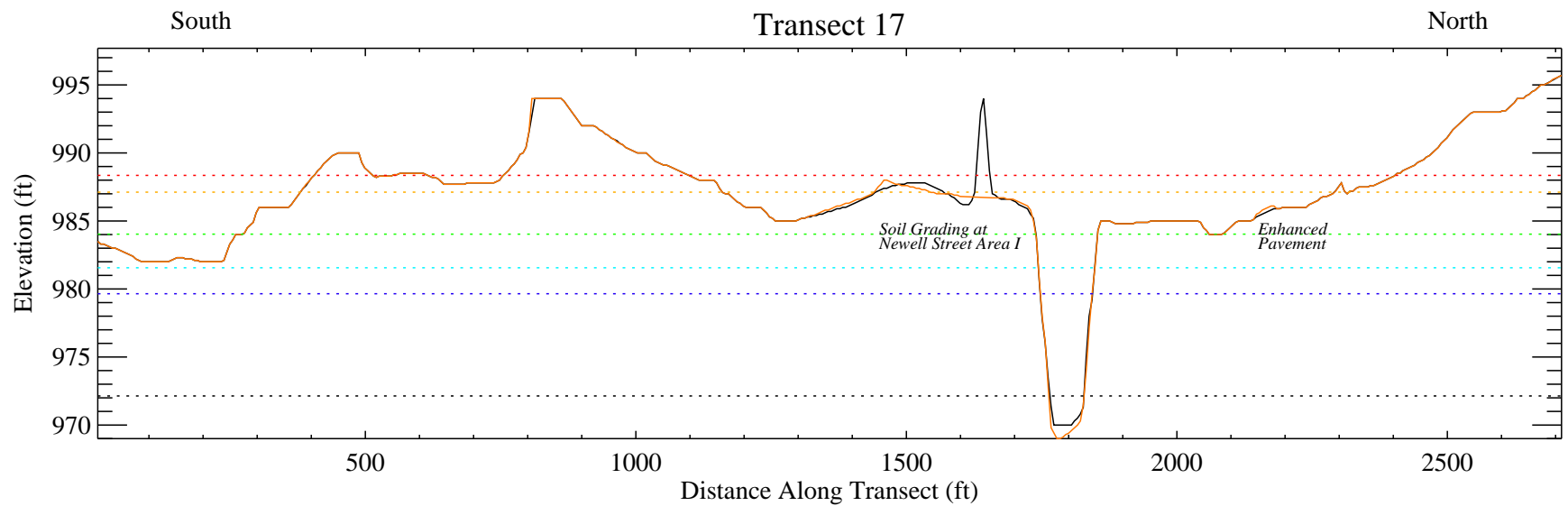




**Figure 8e. Comparison of transect topography and model-predicted water surface elevations.**

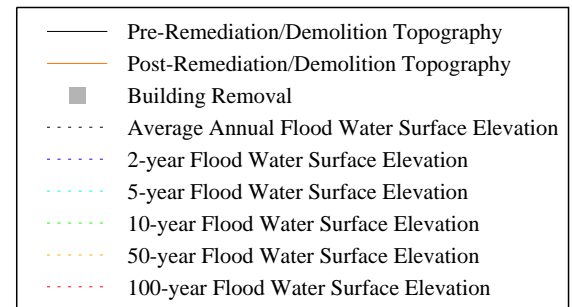
*Notes: Water surface elevations are from model predictions for post-remediation/demolition conditions. Buildings that were removed were represented as solid obstructions for the pre-remediation/demolition simulation, and were removed for the post-remediation/demolition simulation.*



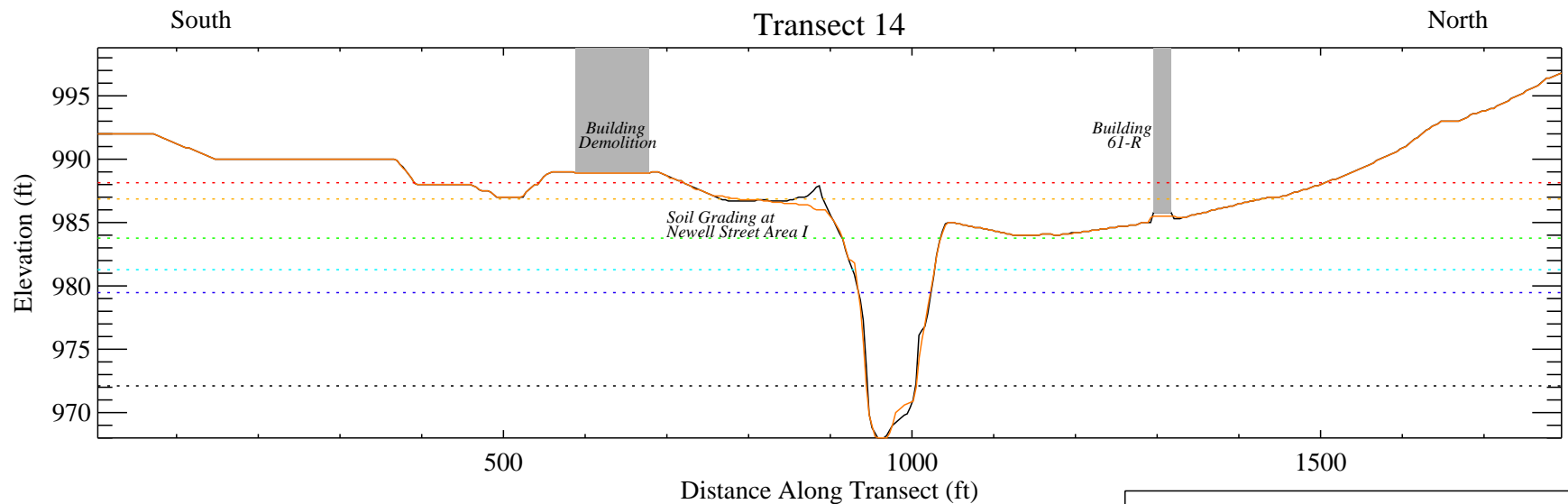
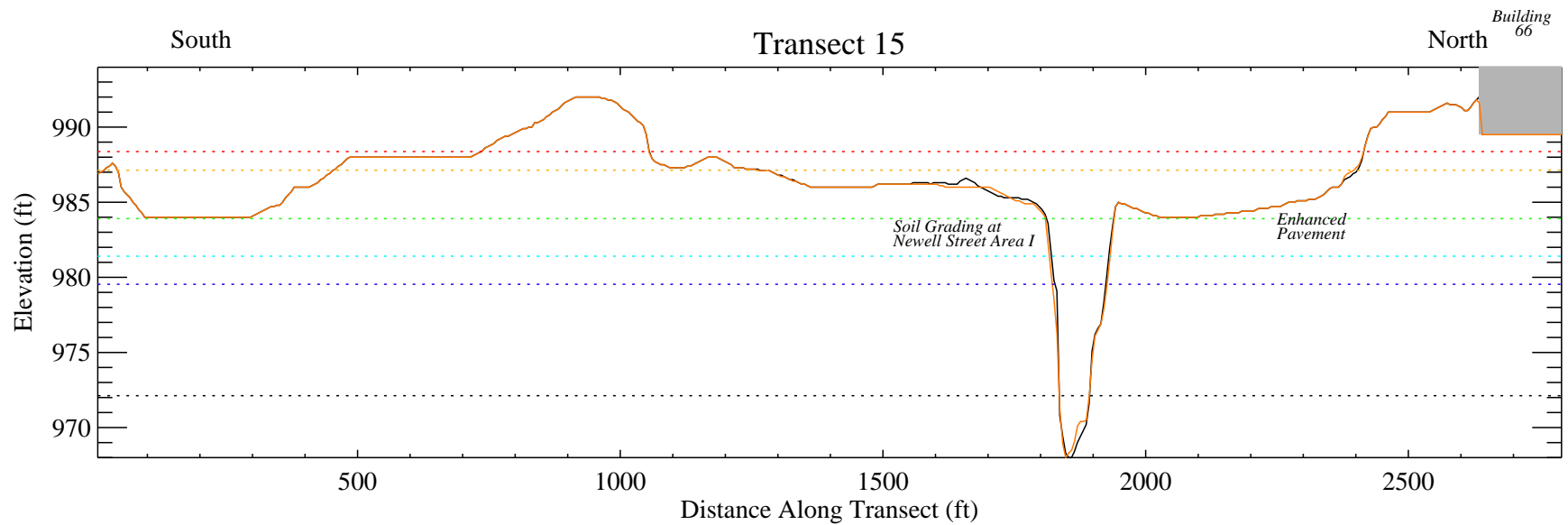


**Figure 8f. Comparison of transect topography and model-predicted water surface elevations.**

*Notes: Water surface elevations are from model predictions for post-remediation/demolition conditions. Buildings that were removed were represented as solid obstructions for the pre-remediation/demolition simulation, and were removed for the post-remediation/demolition simulation.*

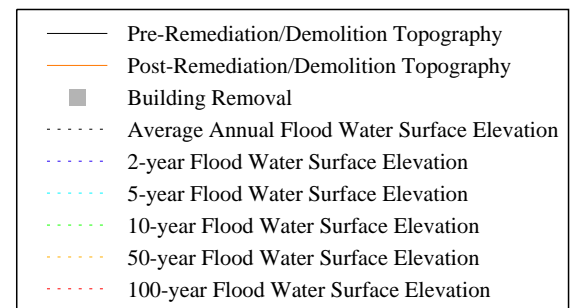


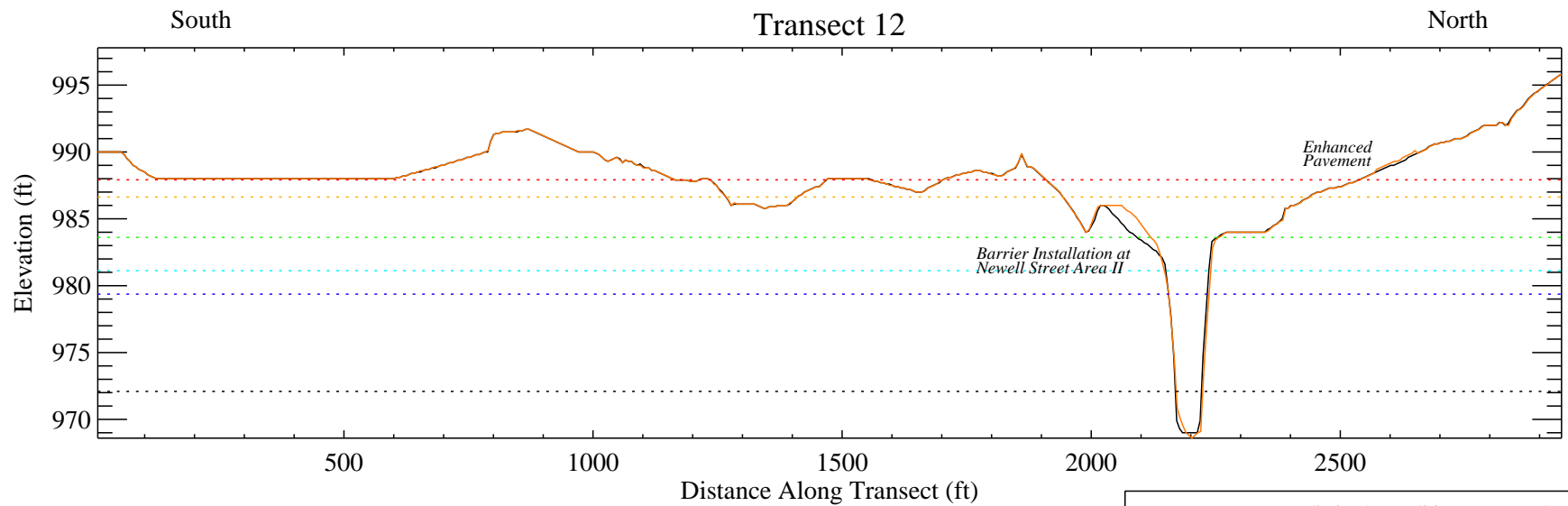
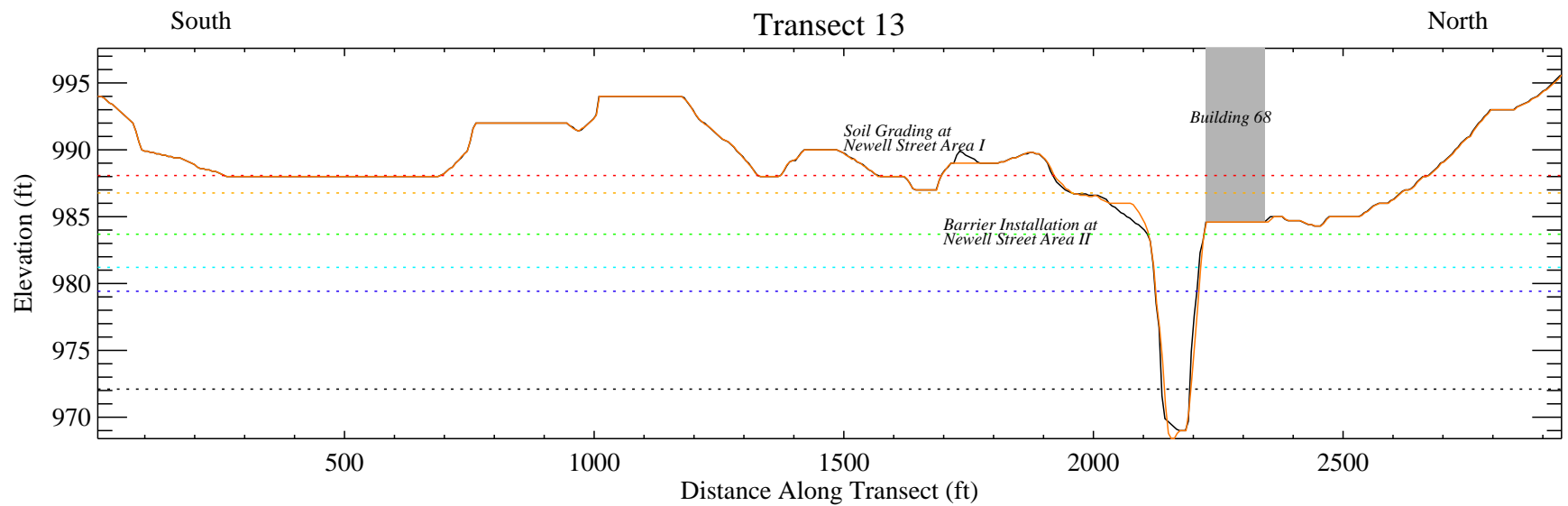




**Figure 8g. Comparison of transect topography and model-predicted water surface elevations.**

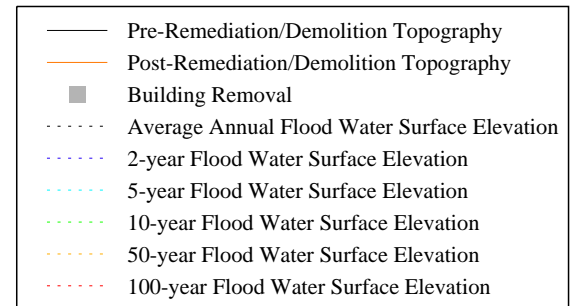
*Notes: Water surface elevations are from model predictions for post-remediation/demolition conditions. Buildings that were removed were represented as solid obstructions for the pre-remediation/demolition simulation, and were removed for the post-remediation/demolition simulation.*

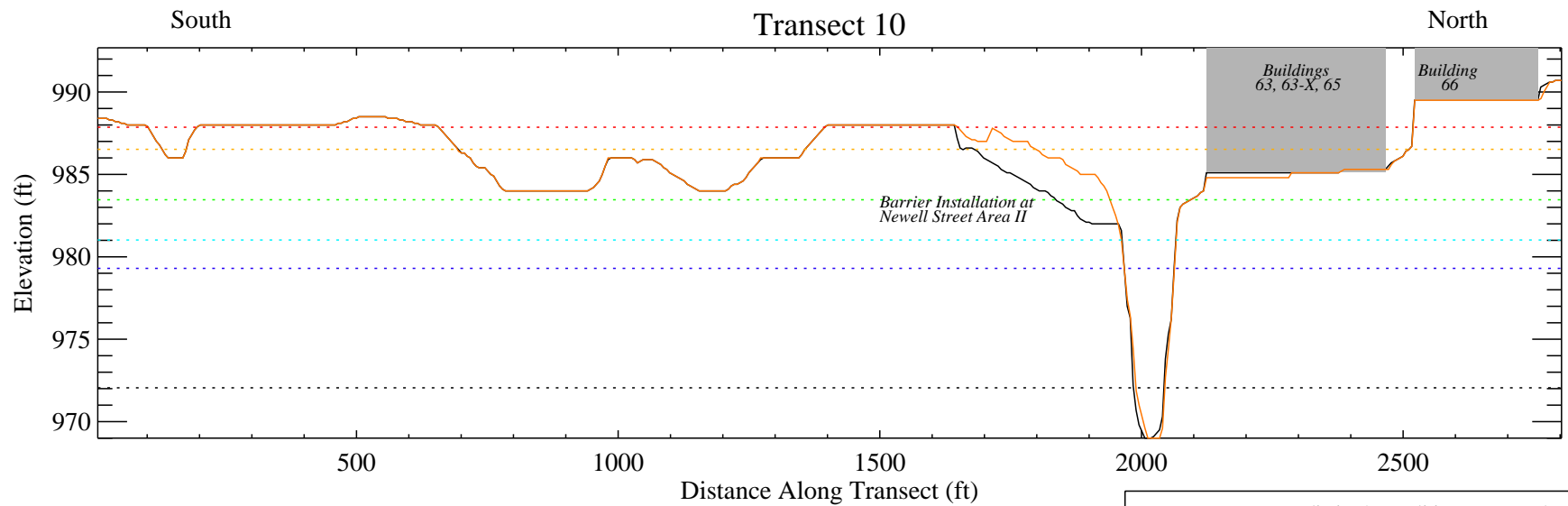
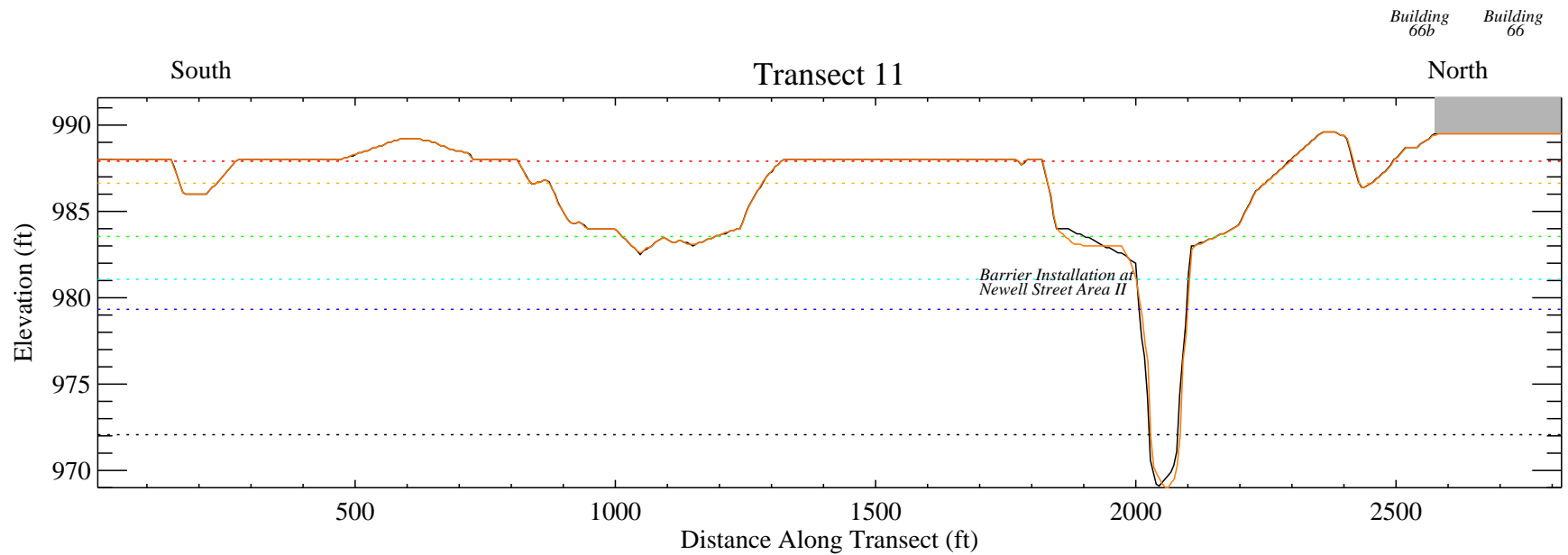




**Figure 8h. Comparison of transect topography and model-predicted water surface elevations.**

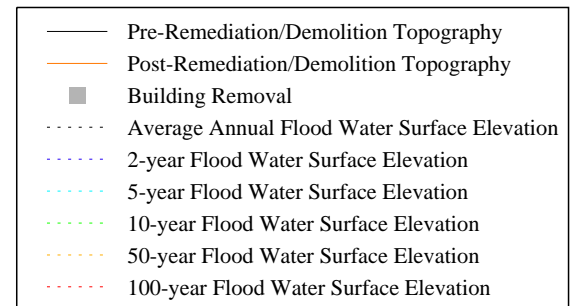
*Notes: Water surface elevations are from model predictions for post-remediation/demolition conditions. Buildings that were removed were represented as solid obstructions for the pre-remediation/demolition simulation, and were removed for the post-remediation/demolition simulation.*

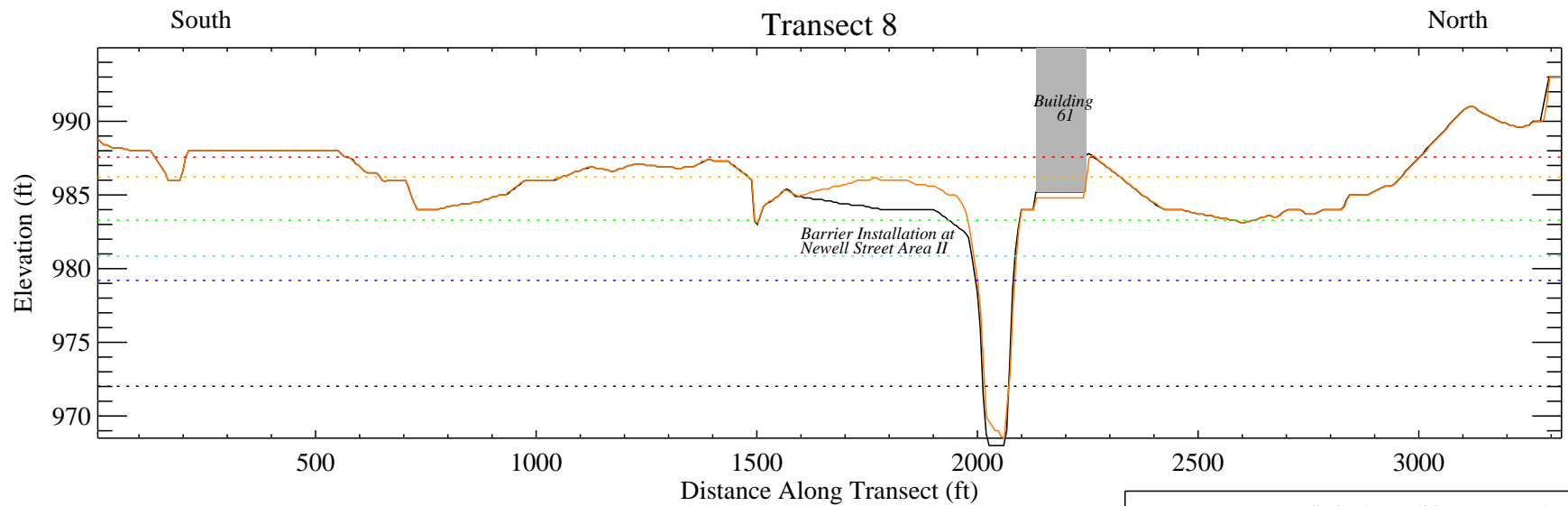
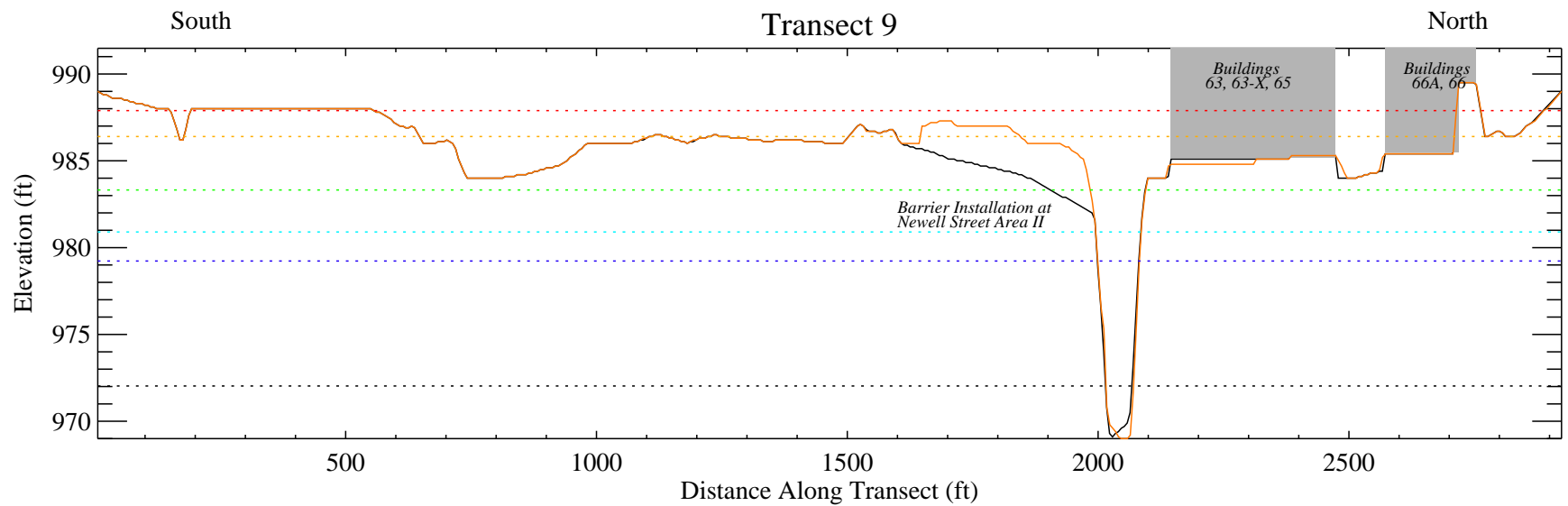




**Figure 8i. Comparison of transect topography and model-predicted water surface elevations.**

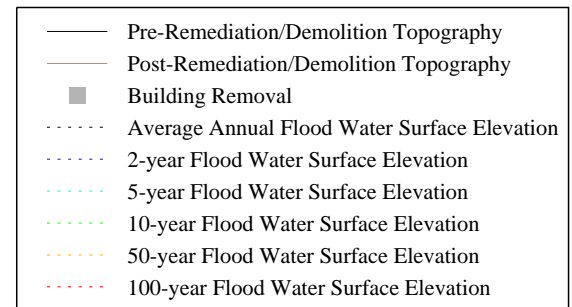
*Notes: Water surface elevations are from model predictions for post-remediation/demolition conditions. Buildings that were removed were represented as solid obstructions for the pre-remediation/demolition simulation, and were removed for the post-remediation/demolition simulation.*

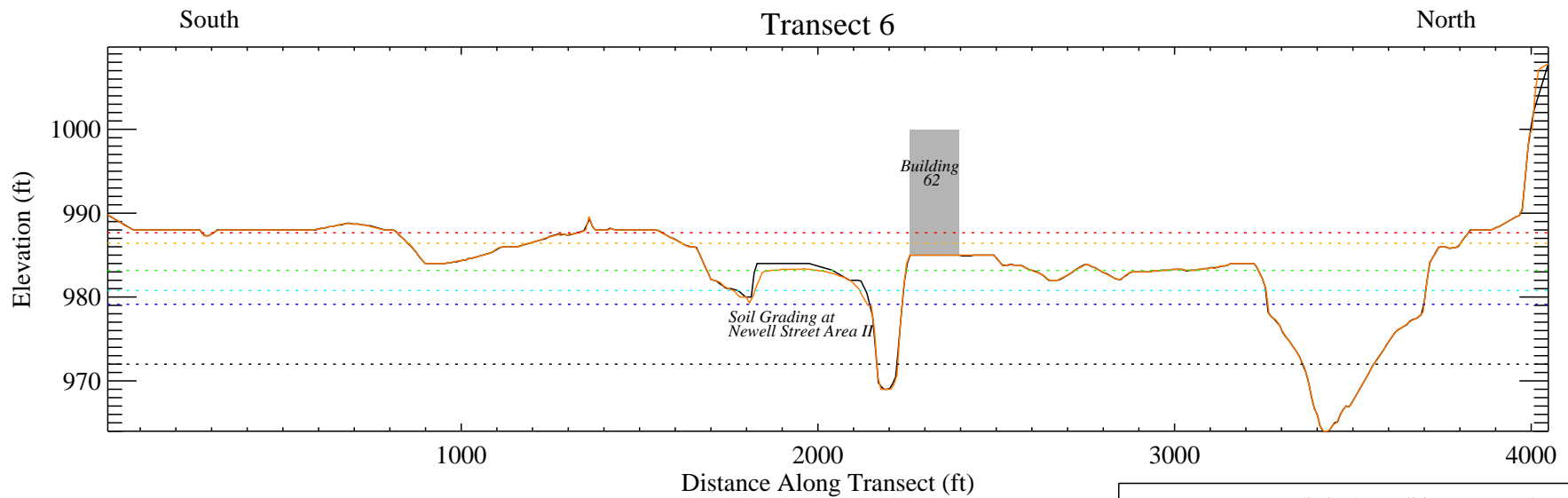
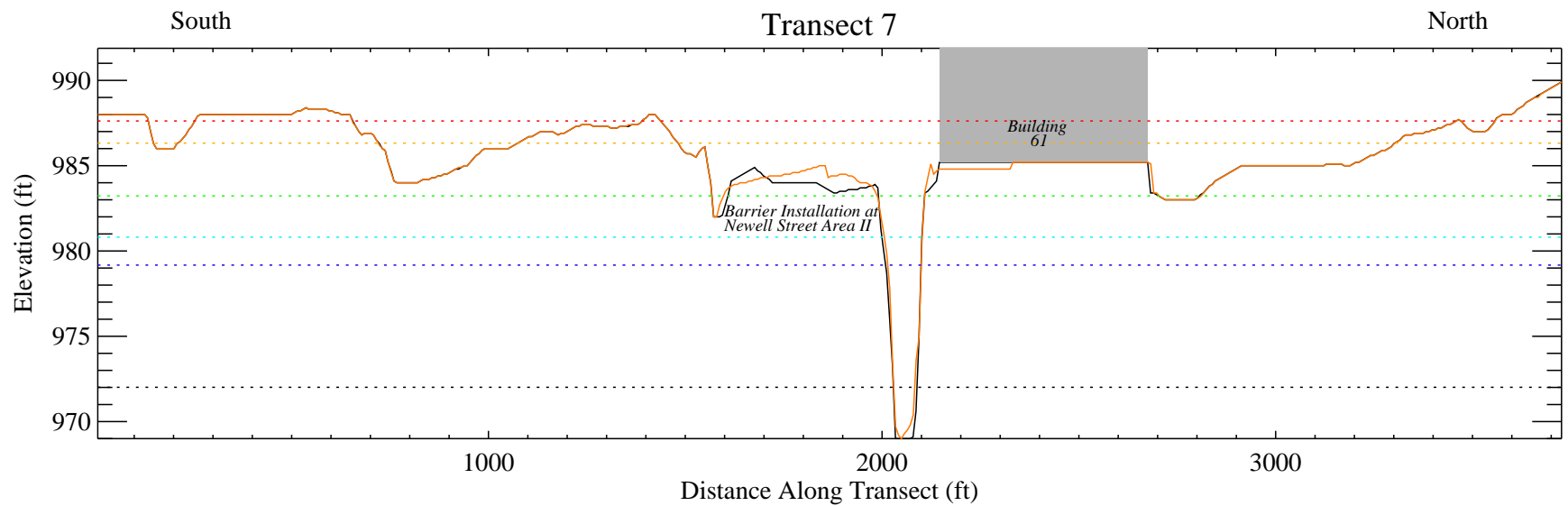




**Figure 8j. Comparison of transect topography and model-predicted water surface elevations.**

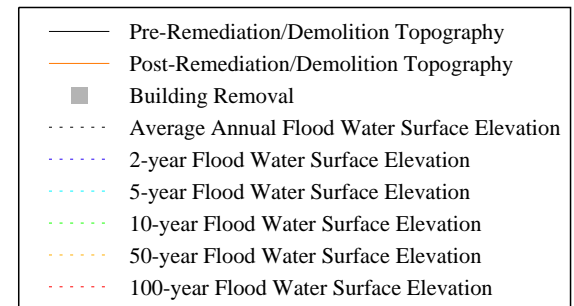
*Notes: Water surface elevations are from model predictions for post-remediation/demolition conditions. Buildings that were removed were represented as solid obstructions for the pre-remediation/demolition simulation, and were removed for the post-remediation/demolition simulation.*



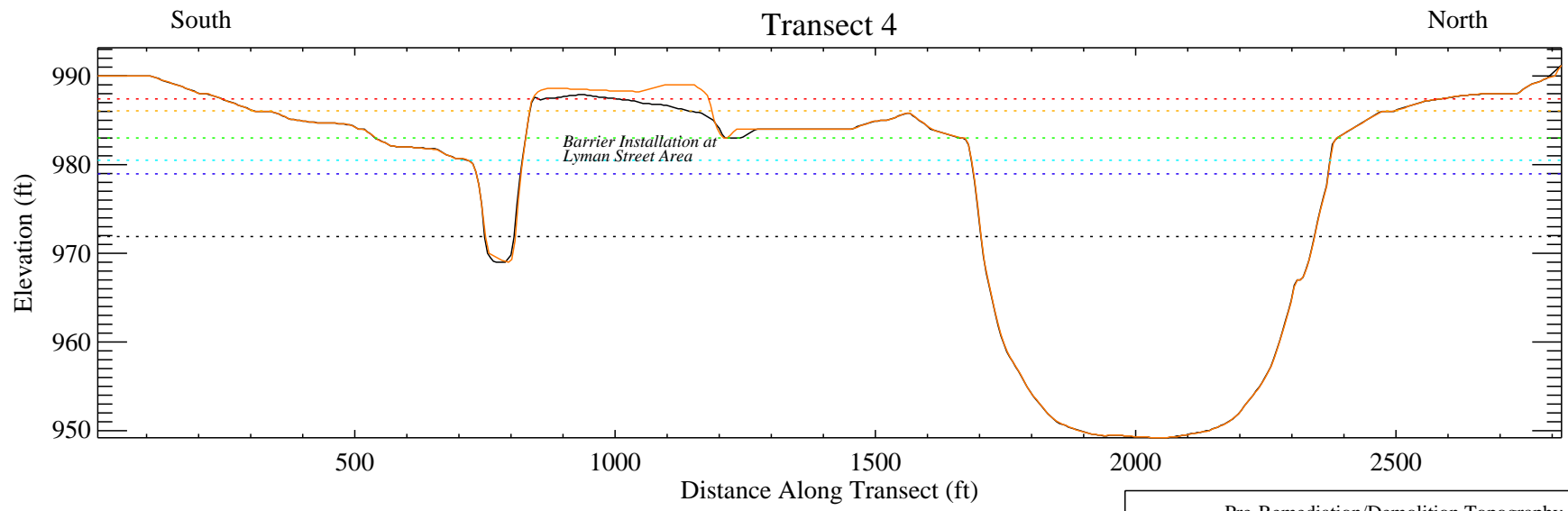
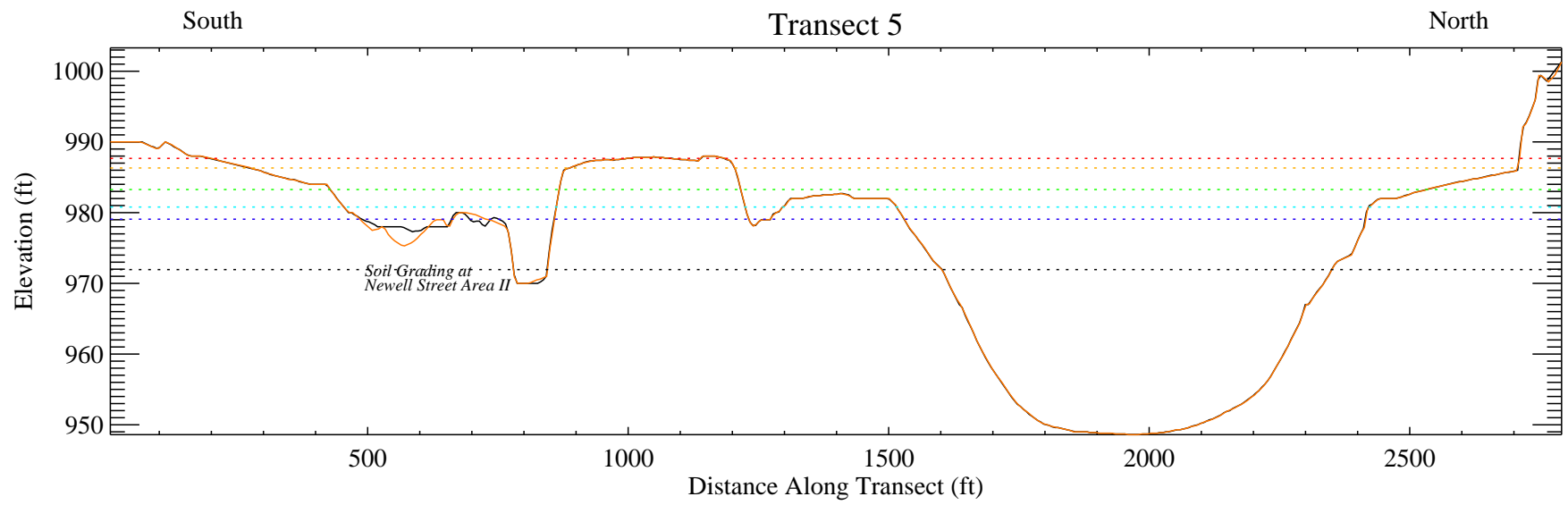


**Figure 8k. Comparison of transect topography and model-predicted water surface elevations.**

*Notes: Water surface elevations are from model predictions for post-remediation/demolition conditions. Buildings that were removed were represented as solid obstructions for the pre-remediation/demolition simulation, and were removed for the post-remediation/demolition simulation.*

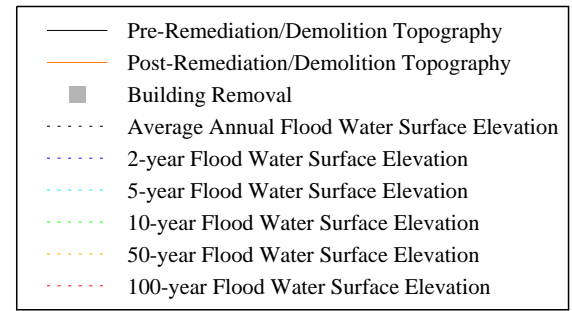


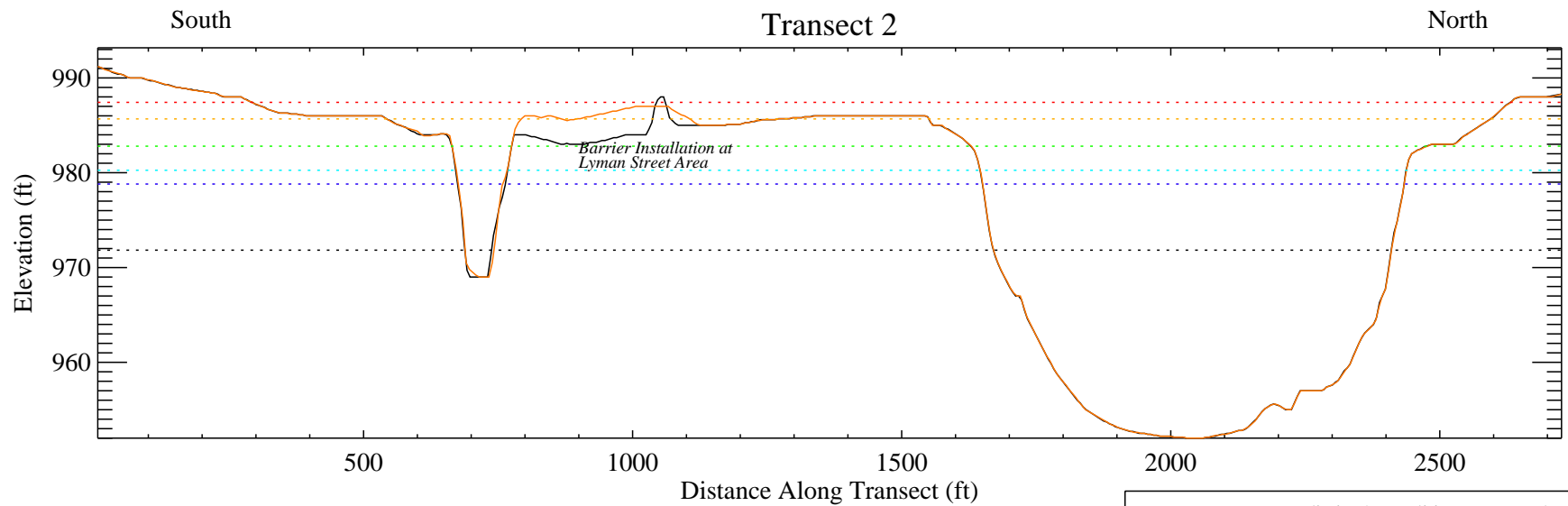
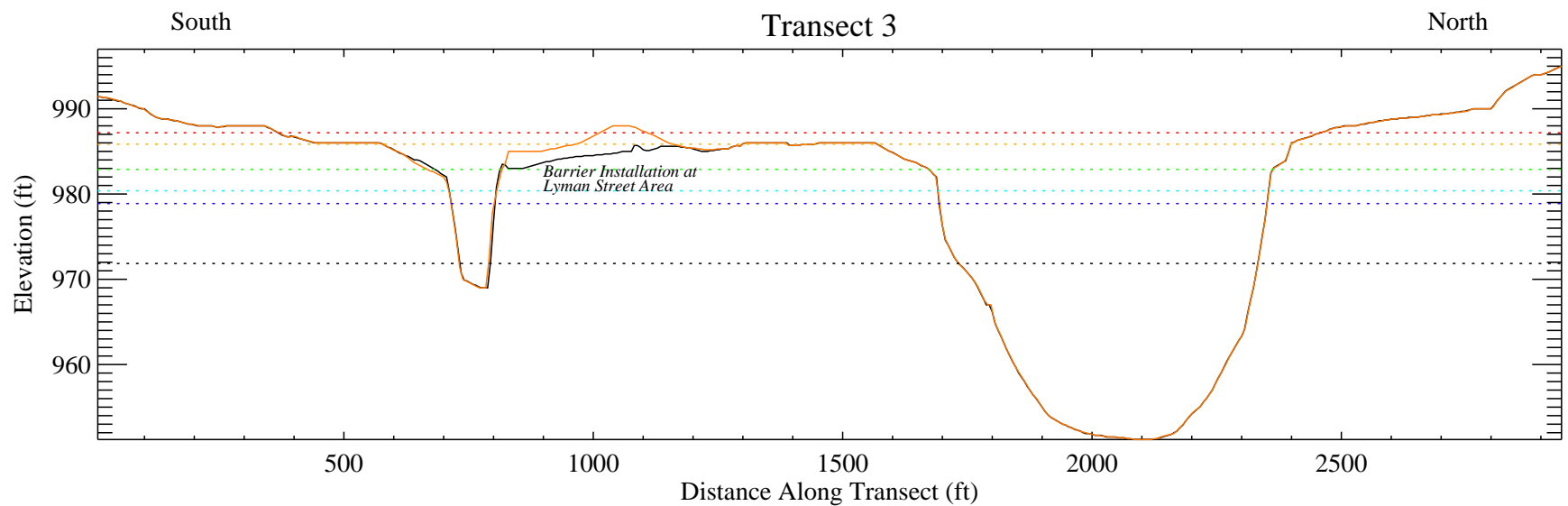




**Figure 8I. Comparison of transect topography and model-predicted water surface elevations.**

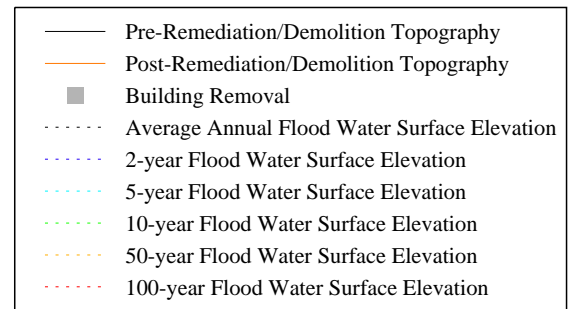
*Notes: Water surface elevations are from model predictions for post-remediation/demolition conditions. Buildings that were removed were represented as solid obstructions for the pre-remediation/demolition simulation, and were removed for the post-remediation/demolition simulation.*

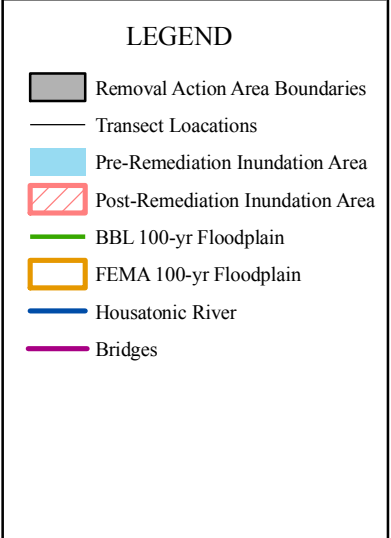
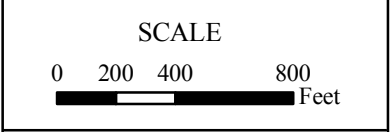
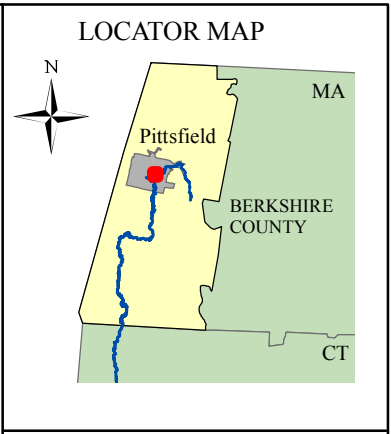
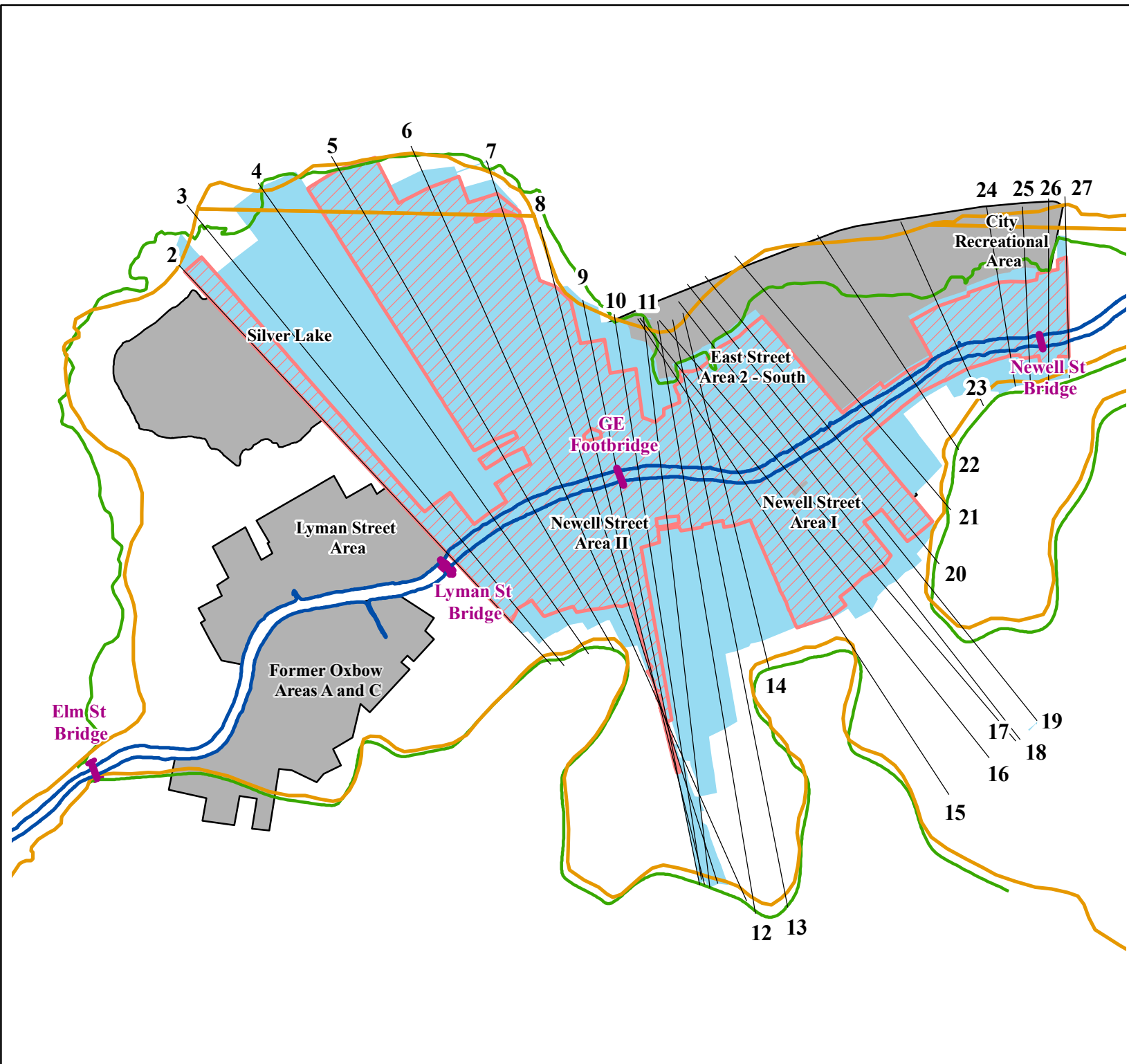




**Figure 8m. Comparison of transect topography and model-predicted water surface elevations.**

*Notes: Water surface elevations are from model predictions for post-remediation/demolition conditions. Buildings that were removed were represented as solid obstructions for the pre-remediation/demolition simulation, and were removed for the post-remediation/demolition simulation.*

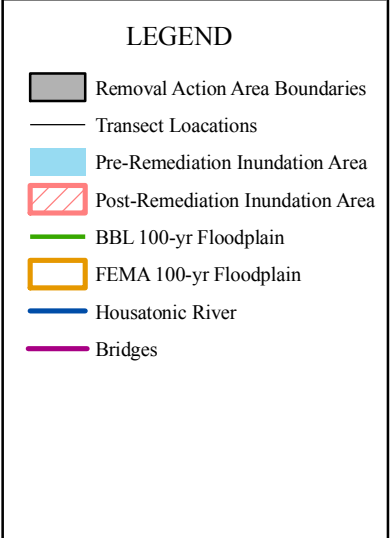
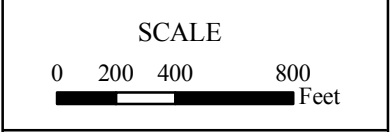
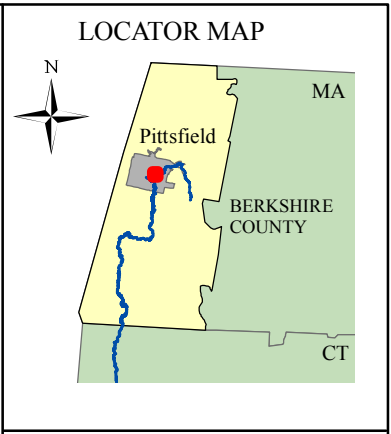
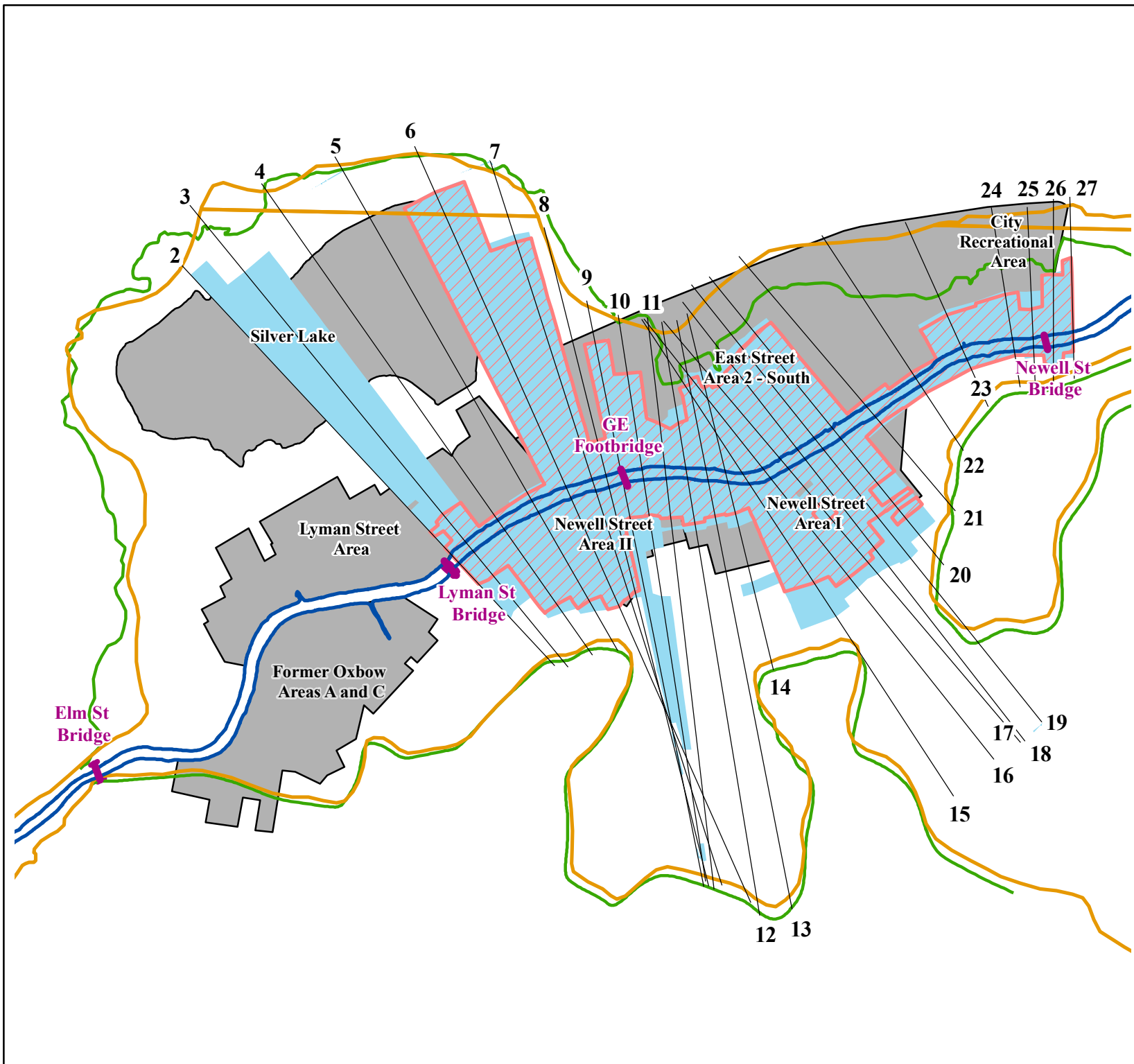




**Predicted Areas:**

Pre-Remediation - 126 acres
Post-Remediation - 80 acres

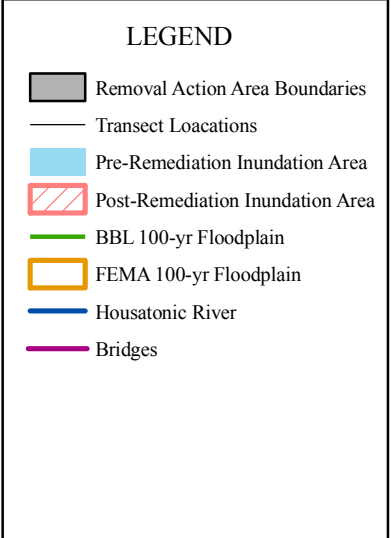
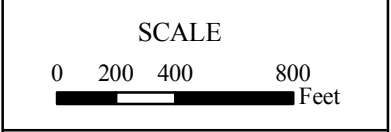
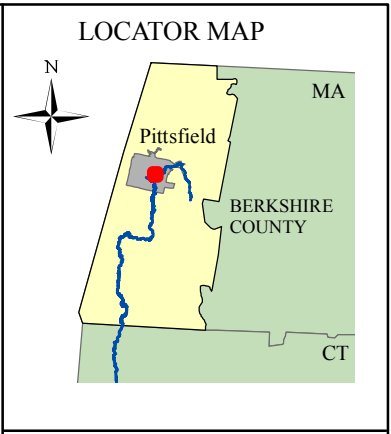
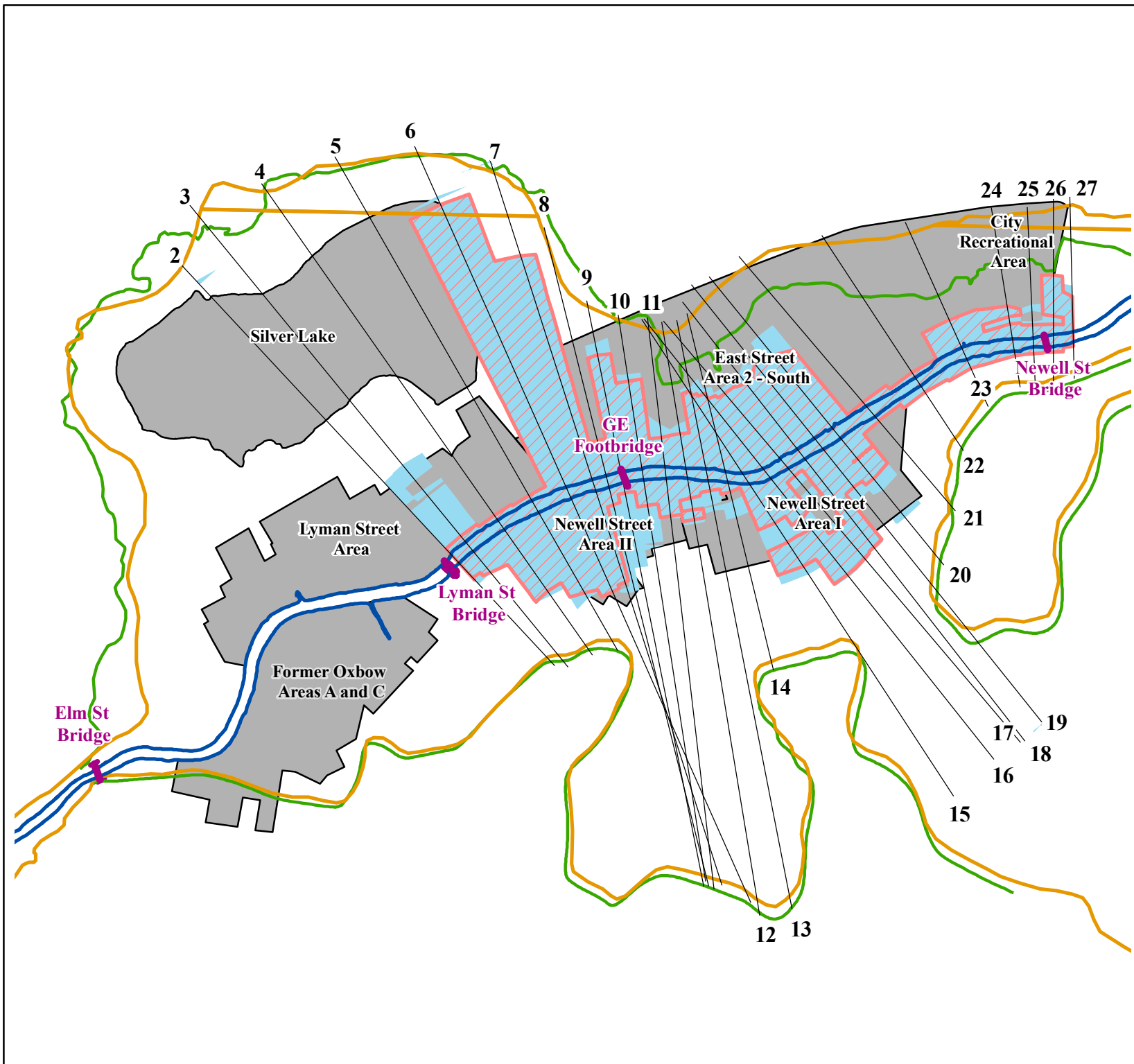
**Figure 9a.**  
Pre- and post-remediation/demolition  
flood extent map  
**(100-year flood)**



**Predicted Areas:**

Pre-Remediation - 74 acres
Post-Remediation - 54 acres

Figure 9b.  
Pre- and post-remediation/demolition  
flood extent map  
**(50-year flood)**

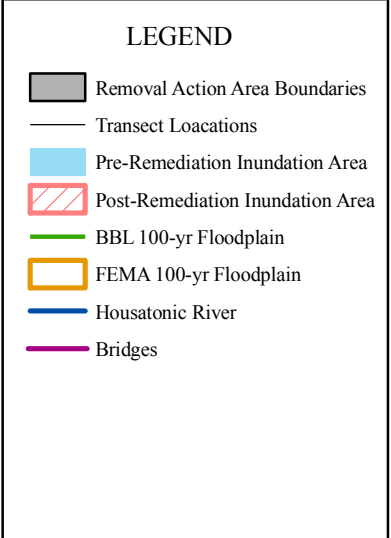
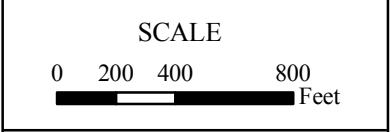
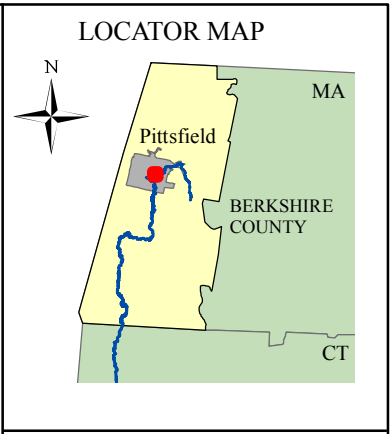
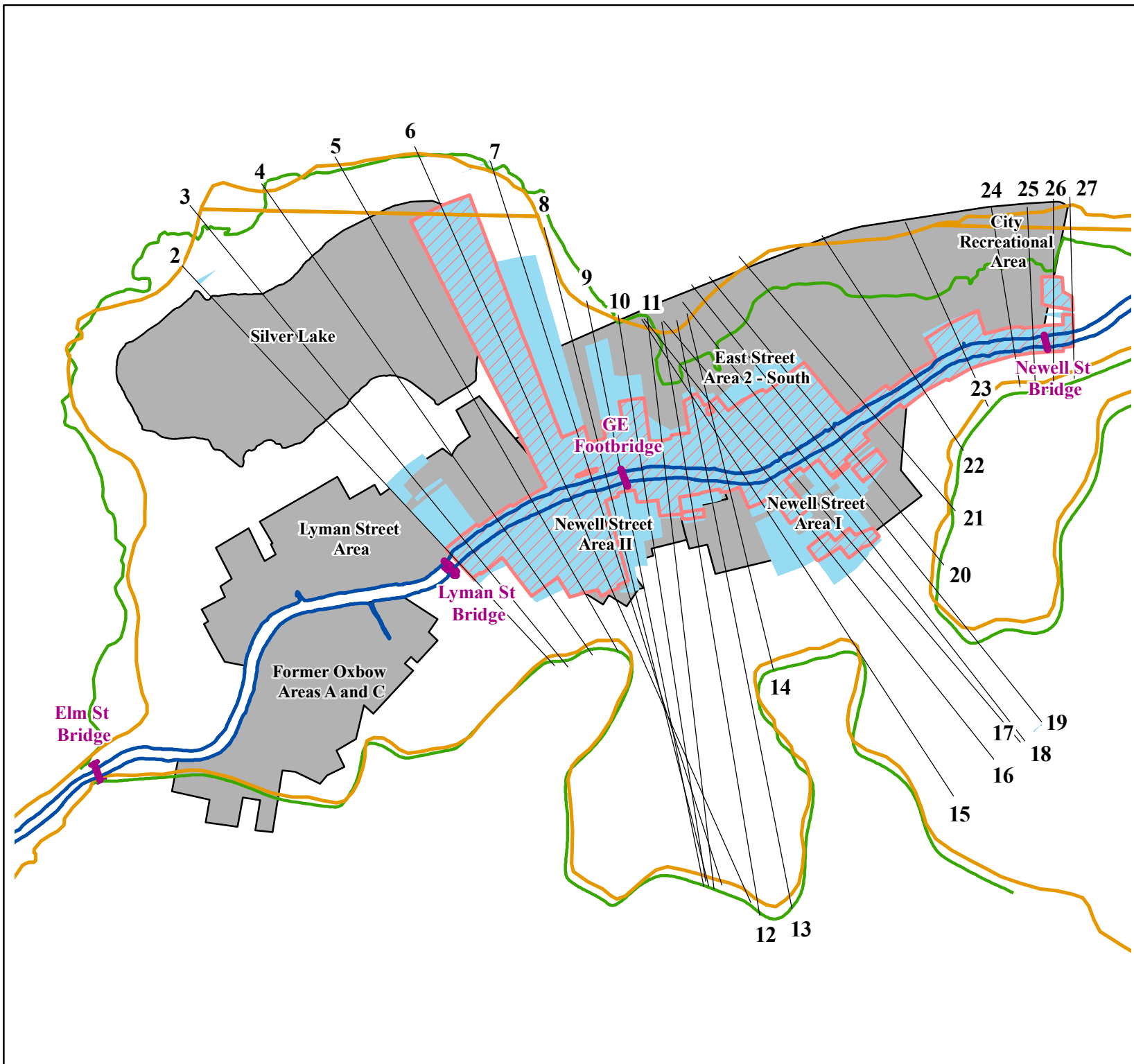


**Predicted Areas:**

Pre-Remediation - 52 acres
Post-Remediation - 44 acres

Figure 9c.  
Pre- and post-remediation/demolition  
flood extent map  
**(10-50B year flood)**

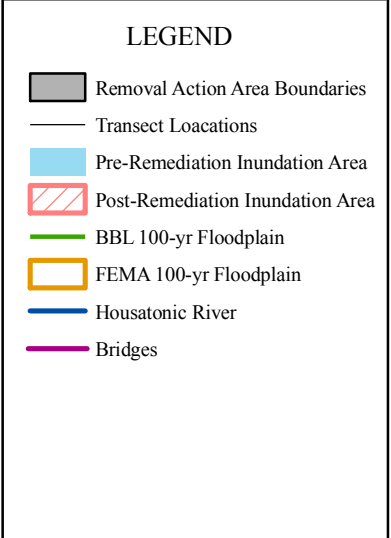
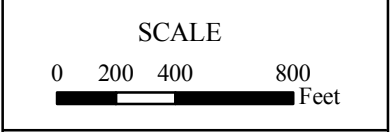
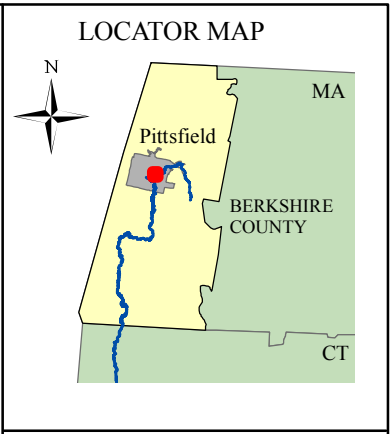
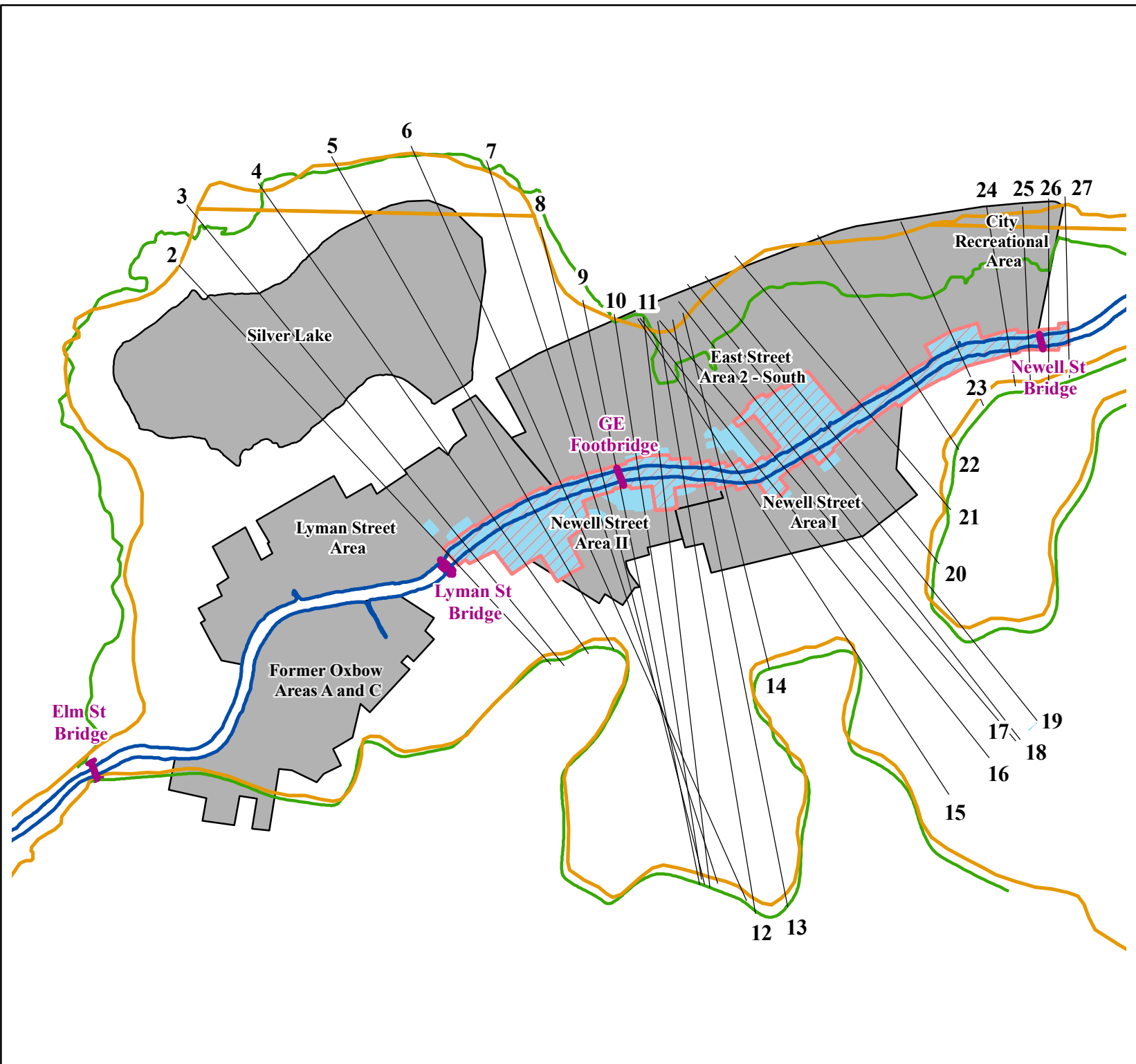




**Predicted Areas:**

Pre-Remediation - 49 acres
Post-Remediation - 34 acres

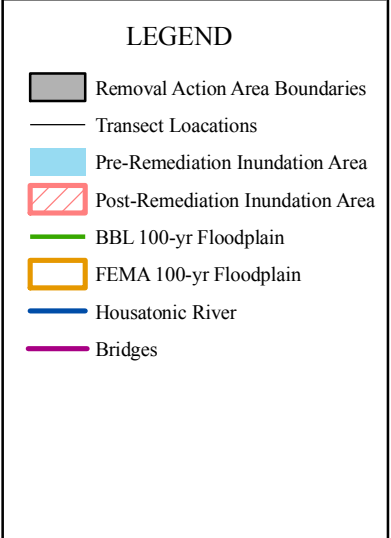
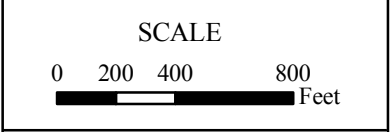
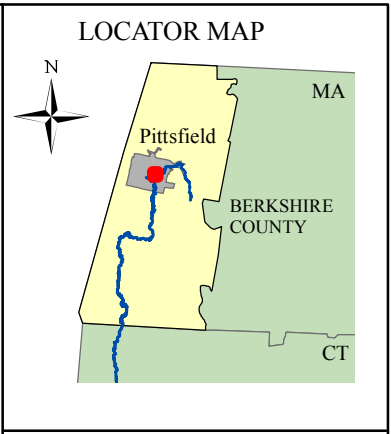
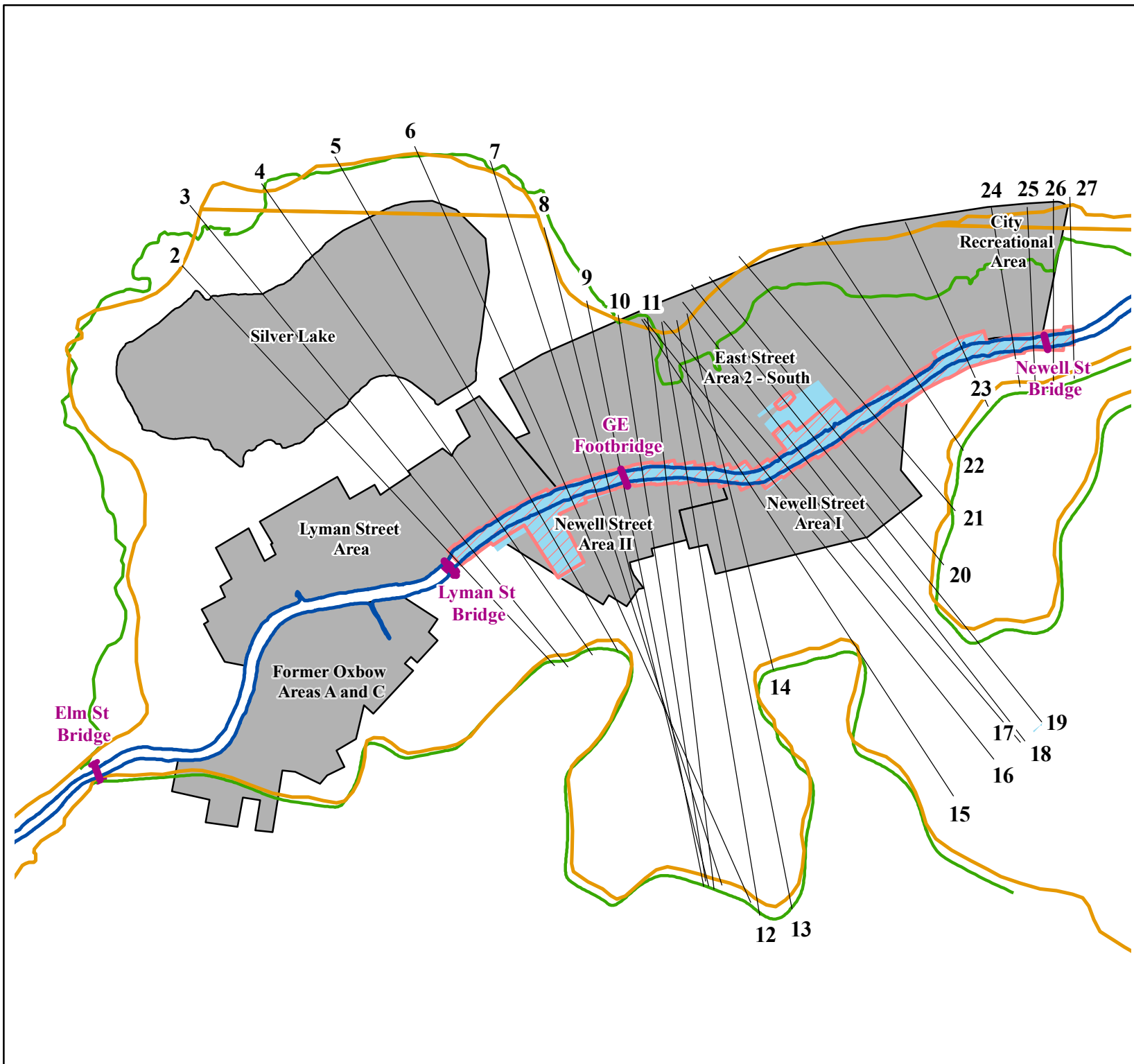
Figure 9d.  
Pre- and post-remediation/demolition  
flood extent map  
**(10-50A year flood)**



**Predicted Areas:**

Pre-Remediation - 16 acres
Post-Remediation - 14 acres

Figure 9e.  
Pre- and post-remediation/demolition  
flood extent map  
**(10-year flood)**



**Predicted Areas:**

Pre-Remediation - 11 acres
Post-Remediation - 10 acres

Figure 9f.  
Pre- and post-remediation/demolition  
flood extent map  
**(5-year flood)**

# APPENDIX 1

## HEC-RAS MODEL OUTPUT

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Profile Output Table - Standard Table 1

HEC-RAS Plan: Pre\_Nov08\_Final River: RIVER-1 Reach: Reach-1

# Rivers = 1  
 # Hydraulic Reaches = 1  
 # River Stations = 215  
 # Plans = 1  
 # Profiles = 11

Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
Reach-1	55622	Avg Annual	134.00	974.00	974.58	974.58	974.86	0.025838	4.28	31.33	55.60	1.00	
Reach-1	55622	0.5-yr	1422.00	974.00	978.76	976.72	979.14	0.002379	4.95	294.27	78.32	0.42	
Reach-1	55622	1-yr	1670.00	974.00	979.47	977.02	979.84	0.001987	4.95	350.64	80.52	0.39	
Reach-1	55622	1.5-yr	1761.00	974.00	979.71	977.12	980.08	0.001888	4.96	370.29	81.25	0.38	
Reach-1	55622	2-yr	2047.00	974.00	980.44	977.44	980.81	0.001654	5.00	430.05	83.45	0.36	
Reach-1	55622	5-yr	3336.00	974.00	982.77	978.79	983.24	0.001436	5.64	632.44	90.19	0.35	
Reach-1	55622	10-yr	4375.00	974.00	984.85	979.67	985.34	0.001175	5.78	831.20	107.34	0.33	
Reach-1	55622	50-yr	7239.00	974.00	989.43	981.64	989.81	0.000682	5.45	2065.02	484.72	0.26	
Reach-1	55622	100-yr	8721.00	974.00	990.72	982.51	991.05	0.000587	5.38	2845.56	697.09	0.25	
Reach-1	55622	10-50yrA	5330.00	974.00	987.17	980.36	987.62	0.000887	5.57	1203.45	262.17	0.29	
Reach-1	55622	10-50yrB	6285.00	974.00	987.94	981.01	988.43	0.000942	5.90	1426.12	312.16	0.31	
Reach-1	55500	Avg Annual	134.00	970.10	972.84	971.17	972.86	0.000360	1.18	113.25	55.62	0.15	
Reach-1	55500	0.5-yr	1422.00	970.10	978.85	973.55	978.97	0.000437	2.77	513.83	78.69	0.19	
Reach-1	55500	1-yr	1670.00	970.10	979.55	973.86	979.69	0.000451	2.93	569.95	81.87	0.20	
Reach-1	55500	1.5-yr	1761.00	970.10	979.79	973.97	979.93	0.000456	2.99	589.77	83.02	0.20	
Reach-1	55500	2-yr	2047.00	970.10	980.51	974.31	980.67	0.000468	3.15	650.73	86.26	0.20	
Reach-1	55500	5-yr	3336.00	970.10	982.85	975.62	983.08	0.000559	3.86	863.23	95.38	0.23	
Reach-1	55500	10-yr	4375.00	970.10	984.93	976.55	985.19	0.000533	4.08	1071.27	104.67	0.22	
Reach-1	55500	50-yr	7239.00	970.10	989.49	978.71	989.72	0.000349	4.06	2431.60	501.01	0.19	
Reach-1	55500	100-yr	8721.00	970.10	990.76	979.64	990.98	0.000321	4.12	3104.93	540.94	0.19	
Reach-1	55500	10-50yrA	5330.00	970.10	987.26	977.32	987.50	0.000405	3.94	1524.87	301.85	0.20	
Reach-1	55500	10-50yrB	6285.00	970.10	988.03	978.04	988.30	0.000447	4.26	1787.30	386.99	0.21	
Reach-1	55482.*	Avg Annual	134.00	969.55	972.82	970.88	972.85	0.000385	1.31	102.16	44.91	0.15	
Reach-1	55482.*	0.5-yr	1422.00	969.55	978.81	973.75	978.96	0.000592	3.13	454.49	72.90	0.22	
Reach-1	55482.*	1-yr	1670.00	969.55	979.50	974.10	979.67	0.000605	3.30	506.44	76.18	0.23	
Reach-1	55482.*	1.5-yr	1761.00	969.55	979.74	974.23	979.92	0.000610	3.36	524.82	77.30	0.23	
Reach-1	55482.*	2-yr	2047.00	969.55	980.46	974.64	980.65	0.000617	3.52	581.32	80.22	0.23	
Reach-1	55482.*	5-yr	3336.00	969.55	982.78	976.10	983.06	0.000719	4.30	776.66	88.41	0.26	
Reach-1	55482.*	10-yr	4375.00	969.55	984.86	977.09	985.17	0.000673	4.51	969.38	97.03	0.25	
Reach-1	55482.*	50-yr	7239.00	969.55	989.29	979.38	989.70	0.000554	5.10	1427.84	420.60	0.24	
Reach-1	55482.*	100-yr	8721.00	969.55	990.67	980.38	990.97	0.000417	4.72	2731.70	545.46	0.21	
Reach-1	55482.*	10-50yrA	5330.00	969.55	987.17	977.93	987.49	0.000522	4.44	1204.21	229.55	0.23	
Reach-1	55482.*	10-50yrB	6285.00	969.55	987.90	978.70	988.29	0.000594	4.93	1281.53	373.37	0.25	
Reach-1	55412	Bridge											
Reach-1	55362.*	Avg Annual	134.00	969.55	972.81	970.88	972.84	0.000390	1.32	101.64	44.86	0.15	



Reach-1	55362.*	0.5-yr	1422.00	969.55	978.79	973.75	978.94	0.000597	3.14	453.17	72.81	0.22
Reach-1	55362.*	1-yr	1670.00	969.55	979.49	974.10	979.66	0.000610	3.31	505.02	76.10	0.23
Reach-1	55362.*	1.5-yr	1761.00	969.55	979.72	974.23	979.90	0.000614	3.36	523.37	77.22	0.23
Reach-1	55362.*	2-yr	2047.00	969.55	980.44	974.64	980.63	0.000622	3.53	579.79	80.14	0.23
Reach-1	55362.*	5-yr	3336.00	969.55	982.75	976.10	983.04	0.000724	4.31	774.68	88.33	0.26
Reach-1	55362.*	10-yr	4375.00	969.55	984.84	977.09	985.15	0.000677	4.52	967.34	96.92	0.25
Reach-1	55362.*	50-yr	7239.00	969.55	988.60	979.38	989.05	0.000657	5.37	1354.84	394.69	0.26
Reach-1	55362.*	100-yr	8721.00	969.55	990.61	980.38	990.91	0.000425	4.75	2700.11	541.92	0.21
Reach-1	55362.*	10-50yrA	5330.00	969.55	986.87	977.93	987.19	0.000568	4.56	1172.44	178.72	0.24
Reach-1	55362.*	10-50yrB	6285.00	969.55	987.44	978.70	987.84	0.000675	5.12	1231.97	283.03	0.26
Reach-1	55342	Avg Annual	134.00	969.00	972.80	970.38	972.82	0.000229	1.12	119.64	44.86	0.12
Reach-1	55342	0.5-yr	1422.00	969.00	978.75	973.29	978.91	0.000575	3.24	439.04	63.73	0.22
Reach-1	55342	1-yr	1670.00	969.00	979.44	973.67	979.62	0.000608	3.45	483.81	66.31	0.23
Reach-1	55342	1.5-yr	1761.00	969.00	979.68	973.80	979.87	0.000620	3.52	499.63	67.30	0.23
Reach-1	55342	2-yr	2047.00	969.00	980.39	974.20	980.60	0.000651	3.73	548.41	70.22	0.24
Reach-1	55342	5-yr	3336.00	969.00	982.67	975.76	983.00	0.000834	4.64	719.67	79.85	0.27
Reach-1	55342	10-yr	4375.00	969.00	984.74	976.83	985.11	0.000796	4.89	894.21	88.17	0.27
Reach-1	55342	50-yr	7239.00	969.00	988.54	979.29	989.01	0.000710	5.63	1545.03	326.01	0.27
Reach-1	55342	100-yr	8721.00	969.00	990.46	980.39	990.87	0.000558	5.46	2331.68	557.66	0.24
Reach-1	55342	10-50yrA	5330.00	969.00	986.78	977.73	987.16	0.000652	4.93	1114.26	140.03	0.25
Reach-1	55342	10-50yrB	6285.00	969.00	987.33	978.54	987.80	0.000774	5.53	1202.95	198.65	0.28
Reach-1	55222	Avg Annual	134.00	968.70	972.80	969.65	972.81	0.000064	0.69	194.49	58.05	0.07
Reach-1	55222	0.5-yr	1422.00	968.70	978.76	972.05	978.85	0.000276	2.43	586.11	75.38	0.15
Reach-1	55222	1-yr	1670.00	968.70	979.45	972.38	979.56	0.000299	2.61	639.20	78.04	0.16
Reach-1	55222	1.5-yr	1761.00	968.70	979.69	972.49	979.80	0.000307	2.68	657.86	78.97	0.16
Reach-1	55222	2-yr	2047.00	968.70	980.40	972.83	980.53	0.000330	2.86	715.11	81.75	0.17
Reach-1	55222	5-yr	3336.00	968.70	982.70	974.15	982.90	0.000450	3.65	912.96	91.01	0.20
Reach-1	55222	10-yr	4375.00	968.70	984.78	975.09	985.02	0.000447	3.93	1119.44	114.60	0.21
Reach-1	55222	50-yr	7239.00	968.70	988.59	977.38	988.91	0.000456	4.63	1850.15	331.39	0.22
Reach-1	55222	100-yr	8721.00	968.70	990.51	978.40	990.79	0.000380	4.53	2632.63	549.50	0.20
Reach-1	55222	10-50yrA	5330.00	968.70	986.82	975.88	987.07	0.000390	4.01	1377.82	142.11	0.20
Reach-1	55222	10-50yrB	6285.00	968.70	987.38	976.63	987.70	0.000477	4.53	1481.97	252.64	0.22
Reach-1	55082	Avg Annual	134.00	970.00	972.75	971.02	972.77	0.000427	1.26	106.71	54.23	0.16
Reach-1	55082	0.5-yr	1422.00	970.00	978.66	973.58	978.77	0.000407	2.69	563.19	104.98	0.19
Reach-1	55082	1-yr	1670.00	970.00	979.36	973.92	979.47	0.000403	2.81	637.37	108.51	0.19
Reach-1	55082	1.5-yr	1761.00	970.00	979.59	974.03	979.72	0.000402	2.86	663.42	109.77	0.19
Reach-1	55082	2-yr	2047.00	970.00	980.31	974.37	980.44	0.000404	2.98	743.46	114.38	0.19
Reach-1	55082	5-yr	3336.00	970.00	982.61	975.68	982.79	0.000425	3.59	1047.52	159.68	0.20
Reach-1	55082	10-yr	4375.00	970.00	984.72	976.60	984.91	0.000345	3.69	1426.26	190.01	0.19
Reach-1	55082	50-yr	7239.00	970.00	988.56	978.69	988.79	0.000308	4.20	2375.14	318.69	0.19
Reach-1	55082	100-yr	8721.00	970.00	990.45	979.47	990.70	0.000295	4.44	3109.21	486.73	0.19
Reach-1	55082	10-50yrA	5330.00	970.00	986.79	977.42	986.97	0.000276	3.68	1868.01	257.77	0.17
Reach-1	55082	10-50yrB	6285.00	970.00	987.35	978.09	987.57	0.000326	4.10	2017.45	272.13	0.19
Reach-1	54942	Avg Annual	134.00	969.20	972.69	970.26	972.70	0.000158	0.95	141.19	51.33	0.10
Reach-1	54942	0.5-yr	1422.00	969.20	978.52	972.82	978.65	0.000473	2.88	494.46	74.64	0.20
Reach-1	54942	1-yr	1670.00	969.20	979.21	973.15	979.35	0.000499	3.05	546.99	78.64	0.20
Reach-1	54942	1.5-yr	1761.00	969.20	979.44	973.27	979.59	0.000506	3.11	565.63	79.81	0.21

Reach-1	54942	2-yr	2047.00	969.20	980.15	973.64	980.32	0.000525	3.28	623.15	83.31	0.21
Reach-1	54942	5-yr	3336.00	969.20	982.39	975.06	982.64	0.000654	4.06	821.52	166.44	0.24
Reach-1	54942	10-yr	4375.00	969.20	984.50	976.11	984.78	0.000607	4.25	1030.60	261.17	0.24
Reach-1	54942	50-yr	7239.00	969.20	988.28	978.55	988.66	0.000665	4.96	1459.40	329.08	0.26
Reach-1	54942	100-yr	8721.00	969.20	990.17	979.55	990.57	0.000622	5.11	1721.99	397.10	0.25
Reach-1	54942	10-50yrA	5330.00	969.20	986.58	977.07	986.86	0.000523	4.24	1258.36	297.75	0.22
Reach-1	54942	10-50yrB	6285.00	969.20	987.09	977.83	987.44	0.000642	4.78	1316.19	306.32	0.25
Reach-1	54802	Avg Annual	134.00	970.00	972.64	970.67	972.65	0.000221	1.02	132.00	56.08	0.12
Reach-1	54802	0.5-yr	1422.00	970.00	978.41	973.00	978.52	0.000462	2.71	525.54	87.29	0.19
Reach-1	54802	1-yr	1670.00	970.00	979.09	973.34	979.22	0.000465	2.85	586.46	90.61	0.20
Reach-1	54802	1.5-yr	1761.00	970.00	979.33	973.45	979.46	0.000466	2.90	607.89	91.61	0.20
Reach-1	54802	2-yr	2047.00	970.00	980.03	973.79	980.17	0.000468	3.04	673.55	94.60	0.20
Reach-1	54802	5-yr	3336.00	970.00	982.25	975.12	982.47	0.000547	3.74	892.69	102.50	0.22
Reach-1	54802	10-yr	4375.00	970.00	984.38	976.05	984.62	0.000495	3.91	1119.17	126.00	0.22
Reach-1	54802	50-yr	7239.00	970.00	988.15	978.37	988.48	0.000529	4.59	1594.42	647.19	0.23
Reach-1	54802	100-yr	8721.00	970.00	990.06	979.23	990.40	0.000480	4.71	2083.29	1156.23	0.22
Reach-1	54802	10-50yrA	5330.00	970.00	986.48	976.84	986.72	0.000435	3.91	1364.35	400.65	0.21
Reach-1	54802	10-50yrB	6285.00	970.00	986.96	977.69	987.27	0.000536	4.41	1424.34	441.93	0.23
Reach-1	54662	Avg Annual	134.00	970.00	972.58	970.97	972.60	0.000327	1.09	123.27	63.98	0.14
Reach-1	54662	0.5-yr	1422.00	970.00	978.33	973.15	978.43	0.000407	2.51	566.79	97.02	0.18
Reach-1	54662	1-yr	1670.00	970.00	979.02	973.45	979.12	0.000401	2.63	637.09	161.95	0.18
Reach-1	54662	1.5-yr	1761.00	970.00	979.25	973.55	979.36	0.000396	2.67	675.71	164.16	0.18
Reach-1	54662	2-yr	2047.00	970.00	979.97	973.84	980.08	0.000376	2.75	795.27	171.62	0.18
Reach-1	54662	5-yr	3336.00	970.00	982.20	975.06	982.36	0.000391	3.28	1228.75	314.11	0.19
Reach-1	54662	10-yr	4375.00	970.00	984.39	975.91	984.51	0.000254	3.01	1996.88	383.50	0.16
Reach-1	54662	50-yr	7239.00	970.00	988.27	977.98	988.36	0.000152	2.85	4901.51	1262.68	0.13
Reach-1	54662	100-yr	8721.00	970.00	990.23	978.82	990.28	0.000091	2.38	7495.86	1388.99	0.10
Reach-1	54662	10-50yrA	5330.00	970.00	986.53	976.66	986.63	0.000174	2.80	3147.54	780.78	0.14
Reach-1	54662	10-50yrB	6285.00	970.00	987.04	977.32	987.15	0.000202	3.09	3574.73	946.74	0.15
Reach-1	54522	Avg Annual	134.00	970.00	972.54	971.03	972.56	0.000519	1.25	107.21	63.26	0.17
Reach-1	54522	0.5-yr	1422.00	970.00	978.28	973.38	978.39	0.000438	2.62	543.59	91.13	0.19
Reach-1	54522	1-yr	1670.00	970.00	978.96	973.66	979.08	0.000445	2.75	607.48	95.58	0.19
Reach-1	54522	1.5-yr	1761.00	970.00	979.20	973.77	979.32	0.000446	2.79	630.21	96.94	0.19
Reach-1	54522	2-yr	2047.00	970.00	979.91	974.07	980.04	0.000446	2.92	699.95	100.33	0.20
Reach-1	54522	5-yr	3336.00	970.00	982.14	975.25	982.32	0.000479	3.47	1071.02	303.92	0.21
Reach-1	54522	10-yr	4375.00	970.00	984.33	976.08	984.48	0.000322	3.31	1684.81	486.61	0.18
Reach-1	54522	50-yr	7239.00	970.00	988.24	978.10	988.34	0.000174	2.99	4522.16	1541.83	0.14
Reach-1	54522	100-yr	8721.00	970.00	990.21	979.00	990.27	0.000105	2.52	6853.38	1735.51	0.11
Reach-1	54522	10-50yrA	5330.00	970.00	986.49	976.81	986.61	0.000211	3.02	2819.61	918.18	0.15
Reach-1	54522	10-50yrB	6285.00	970.00	986.99	977.48	987.12	0.000238	3.29	3207.26	1051.89	0.16
Reach-1	54382	Avg Annual	134.00	971.00	972.45	971.55	972.49	0.000978	1.50	89.30	65.06	0.23
Reach-1	54382	0.5-yr	1422.00	971.00	978.23	973.56	978.34	0.000450	2.66	534.24	89.64	0.19
Reach-1	54382	1-yr	1670.00	971.00	978.92	973.84	979.04	0.000451	2.80	596.57	92.77	0.19
Reach-1	54382	1.5-yr	1761.00	971.00	979.15	973.94	979.28	0.000452	2.85	618.55	93.85	0.20
Reach-1	54382	2-yr	2047.00	971.00	979.86	974.22	980.00	0.000454	2.98	685.97	97.09	0.20
Reach-1	54382	5-yr	3336.00	971.00	982.08	975.40	982.27	0.000469	3.56	1083.97	412.19	0.21
Reach-1	54382	10-yr	4375.00	971.00	984.31	976.21	984.44	0.000299	3.23	1891.05	658.40	0.17

Reach-1	54382	50-yr	7239.00	971.00	988.24	978.14	988.32	0.000163	2.83	5085.60	1800.79	0.13
Reach-1	54382	100-yr	8721.00	971.00	990.21	979.00	990.26	0.000092	2.32	7815.59	2222.51	0.10
Reach-1	54382	10-50yrA	5330.00	971.00	986.48	976.89	986.58	0.000198	2.86	3069.96	1379.77	0.14
Reach-1	54382	10-50yrB	6285.00	971.00	986.99	977.55	987.09	0.000217	3.07	3604.07	1464.13	0.15
Reach-1	54242	Avg Annual	134.00	970.00	972.42	970.74	972.44	0.000268	1.02	130.79	63.88	0.13
Reach-1	54242	0.5-yr	1422.00	970.00	978.20	972.89	978.30	0.000365	2.51	566.38	88.49	0.17
Reach-1	54242	1-yr	1670.00	970.00	978.89	973.17	979.00	0.000381	2.66	628.26	92.88	0.18
Reach-1	54242	1.5-yr	1761.00	970.00	979.12	973.27	979.23	0.000386	2.71	650.29	94.39	0.18
Reach-1	54242	2-yr	2047.00	970.00	979.83	973.58	979.95	0.000392	2.85	718.05	97.41	0.19
Reach-1	54242	5-yr	3336.00	970.00	982.03	974.78	982.23	0.000474	3.54	942.18	199.20	0.21
Reach-1	54242	10-yr	4375.00	970.00	984.19	975.65	984.40	0.000432	3.71	1185.05	420.06	0.20
Reach-1	54242	50-yr	7239.00	970.00	988.16	977.66	988.29	0.000244	3.33	3967.02	1774.16	0.16
Reach-1	54242	100-yr	8721.00	970.00	990.18	978.56	990.24	0.000127	2.64	6716.77	2253.34	0.12
Reach-1	54242	10-50yrA	5330.00	970.00	986.38	976.36	986.55	0.000311	3.42	2143.94	1154.26	0.18
Reach-1	54242	10-50yrB	6285.00	970.00	986.87	977.00	987.06	0.000343	3.69	2564.20	1289.35	0.19
Reach-1	54102	Avg Annual	134.00	969.00	972.41	970.07	972.42	0.000135	0.85	157.29	60.08	0.09
Reach-1	54102	0.5-yr	1422.00	969.00	978.17	972.39	978.26	0.000338	2.44	582.30	89.37	0.17
Reach-1	54102	1-yr	1670.00	969.00	978.85	972.69	978.96	0.000351	2.59	644.39	92.92	0.17
Reach-1	54102	1.5-yr	1761.00	969.00	979.09	972.81	979.20	0.000355	2.64	666.35	94.12	0.18
Reach-1	54102	2-yr	2047.00	969.00	979.79	973.12	979.91	0.000366	2.79	733.98	97.69	0.18
Reach-1	54102	5-yr	3336.00	969.00	981.99	974.43	982.18	0.000464	3.47	964.84	120.97	0.21
Reach-1	54102	10-yr	4375.00	969.00	984.16	975.35	984.36	0.000406	3.56	1349.04	493.18	0.20
Reach-1	54102	50-yr	7239.00	969.00	988.18	977.45	988.26	0.000157	2.77	5122.19	1946.08	0.13
Reach-1	54102	100-yr	8721.00	969.00	990.18	978.35	990.23	0.000089	2.27	7899.96	2312.21	0.10
Reach-1	54102	10-50yrA	5330.00	969.00	986.39	976.09	986.51	0.000220	2.99	2918.89	1522.78	0.15
Reach-1	54102	10-50yrB	6285.00	969.00	986.89	976.79	987.01	0.000238	3.19	3502.05	1638.93	0.16
Reach-1	53962	Avg Annual	134.00	968.00	972.40	969.29	972.41	0.000081	0.74	181.90	58.22	0.07
Reach-1	53962	0.5-yr	1422.00	968.00	978.14	971.91	978.23	0.000347	2.45	579.82	88.01	0.17
Reach-1	53962	1-yr	1670.00	968.00	978.82	972.20	978.92	0.000359	2.61	640.57	90.72	0.17
Reach-1	53962	1.5-yr	1761.00	968.00	979.05	972.31	979.16	0.000363	2.66	661.91	91.60	0.17
Reach-1	53962	2-yr	2047.00	968.00	979.75	972.66	979.88	0.000393	2.81	728.78	99.05	0.18
Reach-1	53962	5-yr	3336.00	968.00	981.94	974.01	982.13	0.000492	3.47	960.48	112.47	0.21
Reach-1	53962	10-yr	4375.00	968.00	984.11	974.92	984.31	0.000440	3.58	1231.07	453.38	0.20
Reach-1	53962	50-yr	7239.00	968.00	988.14	977.38	988.24	0.000191	2.95	4600.43	2072.59	0.14
Reach-1	53962	100-yr	8721.00	968.00	990.17	978.31	990.22	0.000099	2.33	7378.94	2231.33	0.10
Reach-1	53962	10-50yrA	5330.00	968.00	986.34	975.78	986.48	0.000264	3.15	2468.10	1387.85	0.16
Reach-1	53962	10-50yrB	6285.00	968.00	986.83	976.70	986.98	0.000288	3.38	2984.27	1491.27	0.17
Reach-1	53822	Avg Annual	134.00	968.00	972.39	969.29	972.40	0.000078	0.72	185.49	59.79	0.07
Reach-1	53822	0.5-yr	1422.00	968.00	978.10	971.85	978.20	0.000330	2.49	571.43	81.44	0.17
Reach-1	53822	1-yr	1670.00	968.00	978.78	972.18	978.89	0.000351	2.66	627.55	84.58	0.17
Reach-1	53822	1.5-yr	1761.00	968.00	979.01	972.28	979.13	0.000359	2.72	647.39	85.81	0.17
Reach-1	53822	2-yr	2047.00	968.00	979.71	972.61	979.84	0.000382	2.89	708.79	90.07	0.18
Reach-1	53822	5-yr	3336.00	968.00	981.88	973.92	982.08	0.000522	3.63	919.24	105.26	0.22
Reach-1	53822	10-yr	4375.00	968.00	984.05	974.83	984.27	0.000501	3.75	1168.86	170.83	0.22
Reach-1	53822	50-yr	7239.00	968.00	988.07	977.20	988.21	0.000314	3.37	3114.01	908.82	0.18
Reach-1	53822	100-yr	8721.00	968.00	990.11	978.20	990.20	0.000177	2.83	5289.96	1321.69	0.14
Reach-1	53822	10-50yrA	5330.00	968.00	986.29	975.62	986.45	0.000360	3.35	1983.16	471.93	0.19

Reach-1	53822	10-50yrB	6285.00	968.00	986.76	976.42	986.95	0.000417	3.66	2216.89	569.12	0.20
Reach-1	53682	Avg Annual	134.00	969.00	972.38	969.93	972.39	0.000123	0.84	158.84	56.78	0.09
Reach-1	53682	0.5-yr	1422.00	969.00	978.05	972.27	978.16	0.000401	2.71	524.12	76.15	0.18
Reach-1	53682	1-yr	1670.00	969.00	978.72	972.58	978.85	0.000430	2.90	576.62	80.05	0.19
Reach-1	53682	1.5-yr	1761.00	969.00	978.95	972.70	979.09	0.000438	2.96	595.28	81.21	0.19
Reach-1	53682	2-yr	2047.00	969.00	979.65	973.03	979.80	0.000460	3.14	652.82	84.63	0.20
Reach-1	53682	5-yr	3336.00	969.00	981.78	974.39	982.03	0.000592	3.96	843.33	94.12	0.23
Reach-1	53682	10-yr	4375.00	969.00	983.95	975.33	984.22	0.000529	4.15	1067.94	119.57	0.22
Reach-1	53682	50-yr	7239.00	969.00	987.95	977.64	988.17	0.000350	4.17	2693.91	691.75	0.19
Reach-1	53682	100-yr	8721.00	969.00	990.03	978.67	990.18	0.000221	3.63	4817.89	1977.85	0.16
Reach-1	53682	10-50yrA	5330.00	969.00	986.18	976.14	986.41	0.000373	3.95	1718.33	449.20	0.19
Reach-1	53682	10-50yrB	6285.00	969.00	986.62	976.89	986.90	0.000442	4.40	1923.85	503.81	0.21
Reach-1	53542	Avg Annual	134.00	969.00	972.37	969.77	972.38	0.000113	0.84	159.10	53.11	0.09
Reach-1	53542	0.5-yr	1422.00	969.00	978.00	972.18	978.12	0.000423	2.82	503.49	71.27	0.19
Reach-1	53542	1-yr	1670.00	969.00	978.66	972.50	978.81	0.000455	3.03	552.01	74.41	0.20
Reach-1	53542	1.5-yr	1761.00	969.00	978.89	972.63	979.04	0.000466	3.09	569.20	75.49	0.20
Reach-1	53542	2-yr	2047.00	969.00	979.58	972.99	979.75	0.000495	3.29	622.28	78.74	0.21
Reach-1	53542	5-yr	3336.00	969.00	981.69	974.40	981.96	0.000677	4.17	799.58	90.64	0.25
Reach-1	53542	10-yr	4375.00	969.00	983.87	975.41	984.16	0.000576	4.33	1067.97	180.02	0.23
Reach-1	53542	50-yr	7239.00	969.00	987.92	977.75	988.14	0.000345	4.16	2823.01	1055.45	0.19
Reach-1	53542	100-yr	8721.00	969.00	990.05	978.80	990.14	0.000171	3.20	6315.37	2477.63	0.14
Reach-1	53542	10-50yrA	5330.00	969.00	986.15	976.25	986.37	0.000369	3.94	1877.39	584.57	0.19
Reach-1	53542	10-50yrB	6285.00	969.00	986.59	977.01	986.85	0.000431	4.36	2086.20	633.28	0.21
Reach-1	53402	Avg Annual	134.00	969.10	972.35	970.25	972.37	0.000199	0.99	135.53	55.47	0.11
Reach-1	53402	0.5-yr	1422.00	969.10	977.96	972.65	978.07	0.000476	2.78	512.28	83.94	0.20
Reach-1	53402	1-yr	1670.00	969.10	978.62	972.98	978.76	0.000489	2.93	569.53	87.63	0.20
Reach-1	53402	1.5-yr	1761.00	969.10	978.85	973.09	978.99	0.000493	2.99	589.78	88.74	0.20
Reach-1	53402	2-yr	2047.00	969.10	979.54	973.44	979.69	0.000501	3.14	652.13	92.06	0.21
Reach-1	53402	5-yr	3336.00	969.10	981.65	974.81	981.88	0.000617	3.90	855.57	101.45	0.24
Reach-1	53402	10-yr	4375.00	969.10	983.85	975.75	984.09	0.000495	3.96	1223.33	514.28	0.22
Reach-1	53402	50-yr	7239.00	969.10	987.91	978.00	988.09	0.000286	3.76	2835.76	1195.49	0.18
Reach-1	53402	100-yr	8721.00	969.10	990.07	978.91	990.11	0.000086	2.27	9841.76	2568.80	0.10
Reach-1	53402	10-50yrA	5330.00	969.10	986.15	976.55	986.32	0.000293	3.49	2067.64	836.22	0.17
Reach-1	53402	10-50yrB	6285.00	969.10	986.59	977.32	986.79	0.000347	3.88	2244.71	913.86	0.19
Reach-1	53262	Avg Annual	134.00	969.00	972.34	969.93	972.35	0.000136	0.86	156.23	59.44	0.09
Reach-1	53262	0.5-yr	1422.00	969.00	977.92	972.32	978.02	0.000382	2.53	561.11	89.36	0.18
Reach-1	53262	1-yr	1670.00	969.00	978.59	972.61	978.70	0.000392	2.69	621.60	92.15	0.18
Reach-1	53262	1.5-yr	1761.00	969.00	978.82	972.74	978.93	0.000395	2.74	642.87	93.11	0.18
Reach-1	53262	2-yr	2047.00	969.00	979.51	973.07	979.64	0.000404	2.89	708.08	96.02	0.19
Reach-1	53262	5-yr	3336.00	969.00	981.61	974.40	981.81	0.000511	3.63	919.50	105.42	0.22
Reach-1	53262	10-yr	4375.00	969.00	983.83	975.33	984.03	0.000392	3.67	1362.59	287.45	0.20
Reach-1	53262	50-yr	7239.00	969.00	987.96	977.50	988.04	0.000148	2.80	5347.83	1383.55	0.13
Reach-1	53262	100-yr	8721.00	969.00	990.07	978.36	990.10	0.000073	2.14	9830.18	2178.58	0.09
Reach-1	53262	10-50yrA	5330.00	969.00	986.13	976.13	986.29	0.000248	3.32	2223.44	1135.74	0.16
Reach-1	53262	10-50yrB	6285.00	969.00	986.57	976.86	986.75	0.000294	3.70	2430.40	1213.71	0.18
Reach-1	53142	Avg Annual	134.00	969.10	972.31	970.20	972.33	0.000209	1.02	131.83	53.59	0.11

Reach-1	53142	0.5-yr	1422.00	969.10	977.84	972.66	977.97	0.000493	2.90	489.94	76.55	0.20
Reach-1	53142	1-yr	1670.00	969.10	978.50	973.01	978.65	0.000514	3.08	541.43	79.53	0.21
Reach-1	53142	1.5-yr	1761.00	969.10	978.73	973.13	978.88	0.000521	3.15	559.63	80.55	0.21
Reach-1	53142	2-yr	2047.00	969.10	979.41	973.46	979.59	0.000527	3.33	615.64	83.37	0.21
Reach-1	53142	5-yr	3336.00	969.10	981.47	974.85	981.75	0.000660	4.22	796.64	92.76	0.25
Reach-1	53142	10-yr	4375.00	969.10	983.69	975.80	983.97	0.000563	4.33	1111.18	213.31	0.23
Reach-1	53142	50-yr	7239.00	969.10	987.94	977.99	988.02	0.000173	3.01	5741.79	1862.20	0.14
Reach-1	53142	100-yr	8721.00	969.10	990.07	978.95	990.09	0.000068	2.07	10757.23	2408.60	0.09
Reach-1	53142	10-50yrA	5330.00	969.10	986.07	976.59	986.25	0.000323	3.75	2222.30	1080.25	0.18
Reach-1	53142	10-50yrB	6285.00	969.10	986.50	977.30	986.72	0.000365	4.08	2506.52	1558.49	0.20
Reach-1	53122	Avg Annual	134.00	969.10	972.31	970.20	972.33	0.000210	1.02	131.60	53.57	0.11
Reach-1	53122	0.5-yr	1422.00	969.10	977.83	972.67	977.96	0.000495	2.91	489.15	76.51	0.20
Reach-1	53122	1-yr	1670.00	969.10	978.49	972.99	978.64	0.000516	3.09	540.57	79.48	0.21
Reach-1	53122	1.5-yr	1761.00	969.10	978.72	973.12	978.87	0.000523	3.15	558.75	80.50	0.21
Reach-1	53122	2-yr	2047.00	969.10	979.40	973.47	979.58	0.000529	3.33	614.34	83.32	0.21
Reach-1	53122	5-yr	3336.00	969.10	981.45	974.85	981.73	0.000666	4.23	787.75	92.68	0.25
Reach-1	53122	10-yr	4375.00	969.10	983.66	975.81	983.96	0.000591	4.43	987.92	211.27	0.24
Reach-1	53122	50-yr	7239.00	969.10	987.53	978.00	987.98	0.000571	5.36	1350.42	1803.66	0.25
Reach-1	53122	100-yr	8721.00	969.10	989.55	978.94	990.04	0.000537	5.67	1538.49	2408.60	0.25
Reach-1	53122	10-50yrA	5330.00	969.10	985.93	976.57	986.24	0.000458	4.44	1200.27	896.25	0.22
Reach-1	53122	10-50yrB	6285.00	969.10	986.28	977.31	986.70	0.000582	5.10	1233.54	1351.57	0.25
Reach-1	53052		Bridge									
Reach-1	52982	Avg Annual	134.00	968.00	972.31	968.75	972.32	0.000045	0.61	218.33	59.48	0.06
Reach-1	52982	0.5-yr	1422.00	968.00	977.86	971.16	977.95	0.000271	2.40	593.33	77.33	0.15
Reach-1	52982	1-yr	1670.00	968.00	978.52	971.49	978.62	0.000297	2.59	645.32	80.29	0.16
Reach-1	52982	1.5-yr	1761.00	968.00	978.75	971.61	978.85	0.000309	2.65	663.77	81.92	0.16
Reach-1	52982	2-yr	2047.00	968.00	979.43	971.95	979.56	0.000342	2.84	721.65	87.14	0.17
Reach-1	52982	5-yr	3336.00	968.00	981.50	973.30	981.70	0.000494	3.64	917.53	103.90	0.21
Reach-1	52982	10-yr	4375.00	968.00	983.71	974.23	983.93	0.000430	3.81	1148.82	407.29	0.20
Reach-1	52982	50-yr	7239.00	968.00	986.70	976.46	987.08	0.000520	4.93	1467.49	1909.70	0.23
Reach-1	52982	100-yr	8721.00	968.00	988.19	977.48	988.64	0.000537	5.36	1625.64	2845.95	0.24
Reach-1	52982	10-50yrA	5330.00	968.00	985.55	975.03	985.79	0.000377	3.96	1344.64	1457.51	0.20
Reach-1	52982	10-50yrB	6285.00	968.00	985.73	975.75	986.06	0.000500	4.61	1364.48	1501.74	0.23
Reach-1	52952	Avg Annual	134.00	968.00	972.31	968.75	972.32	0.000045	0.61	218.22	59.48	0.06
Reach-1	52952	0.5-yr	1422.00	968.00	977.85	971.17	977.94	0.000272	2.40	592.47	77.28	0.15
Reach-1	52952	1-yr	1670.00	968.00	978.51	971.49	978.61	0.000299	2.59	644.33	80.21	0.16
Reach-1	52952	1.5-yr	1761.00	968.00	978.73	971.60	978.84	0.000310	2.66	662.73	81.83	0.16
Reach-1	52952	2-yr	2047.00	968.00	979.42	971.96	979.54	0.000344	2.84	720.41	87.03	0.17
Reach-1	52952	5-yr	3336.00	968.00	981.48	973.30	981.68	0.000498	3.64	916.11	103.69	0.21
Reach-1	52952	10-yr	4375.00	968.00	983.69	974.25	983.91	0.000425	3.79	1208.77	371.32	0.20
Reach-1	52952	50-yr	7239.00	968.00	986.81	976.46	987.01	0.000329	3.94	2936.17	1994.54	0.19
Reach-1	52952	100-yr	8721.00	968.00	988.46	977.48	988.51	0.000109	2.44	9412.48	2897.57	0.11
Reach-1	52952	10-50yrA	5330.00	968.00	985.58	975.03	985.76	0.000307	3.58	2127.98	1462.01	0.18
Reach-1	52952	10-50yrB	6285.00	968.00	985.79	975.76	986.02	0.000389	4.07	2262.06	1509.49	0.20
Reach-1	52842	Avg Annual	134.00	969.00	972.31	969.65	972.31	0.000092	0.75	177.98	61.03	0.08
Reach-1	52842	0.5-yr	1422.00	969.00	977.82	971.93	977.91	0.000325	2.47	574.92	83.17	0.17



Reach-1	52842	1-yr	1670.00	969.00	978.48	972.24	978.59	0.000344	2.65	630.60	85.87	0.17
Reach-1	52842	1.5-yr	1761.00	969.00	978.71	972.35	978.82	0.000351	2.71	650.19	86.81	0.17
Reach-1	52842	2-yr	2047.00	969.00	979.39	972.68	979.52	0.000379	2.88	711.04	91.60	0.18
Reach-1	52842	5-yr	3336.00	969.00	981.44	973.99	981.65	0.000533	3.65	913.99	106.55	0.22
Reach-1	52842	10-yr	4375.00	969.00	983.66	974.89	983.88	0.000472	3.75	1178.40	408.08	0.21
Reach-1	52842	50-yr	7239.00	969.00	986.85	976.99	986.97	0.000236	3.20	4476.32	1877.57	0.16
Reach-1	52842	100-yr	8721.00	969.00	988.45	977.92	988.50	0.000123	2.49	9175.92	3088.26	0.12
Reach-1	52842	10-50yrA	5330.00	969.00	985.59	975.64	985.72	0.000268	3.18	2866.09	1394.84	0.16
Reach-1	52842	10-50yrB	6285.00	969.00	985.81	976.33	985.97	0.000326	3.56	3127.14	1462.97	0.18
Reach-1	52702	Avg Annual	134.00	969.00	972.29	969.94	972.30	0.000145	0.89	151.12	264.62	0.10
Reach-1	52702	0.5-yr	1422.00	969.00	977.75	972.33	977.87	0.000410	2.70	527.15	498.18	0.19
Reach-1	52702	1-yr	1670.00	969.00	978.41	972.66	978.54	0.000443	2.87	581.35	518.27	0.19
Reach-1	52702	1.5-yr	1761.00	969.00	978.63	972.75	978.77	0.000454	2.93	600.83	522.10	0.20
Reach-1	52702	2-yr	2047.00	969.00	979.31	973.10	979.46	0.000482	3.09	661.86	533.24	0.20
Reach-1	52702	5-yr	3336.00	969.00	981.34	974.45	981.57	0.000666	3.84	868.38	649.58	0.24
Reach-1	52702	10-yr	4375.00	969.00	983.60	975.37	983.82	0.000473	3.82	1253.35	1380.81	0.21
Reach-1	52702	50-yr	7239.00	969.00	986.92	977.48	986.93	0.000024	1.04	13352.73	2467.88	0.05
Reach-1	52702	100-yr	8721.00	969.00	988.48	978.48	988.48	0.000020	1.02	16766.89	3595.82	0.05
Reach-1	52702	10-50yrA	5330.00	969.00	985.67	976.12	985.68	0.000023	0.95	10829.95	2170.41	0.05
Reach-1	52702	10-50yrB	6285.00	969.00	985.91	976.82	985.92	0.000028	1.07	11286.17	2217.28	0.05
Reach-1	52562	Avg Annual	134.00	970.00	972.25	970.65	972.26	0.000280	1.03	130.16	819.29	0.13
Reach-1	52562	0.5-yr	1422.00	970.00	977.68	972.72	977.79	0.000426	2.65	536.59	987.12	0.19
Reach-1	52562	1-yr	1670.00	970.00	978.33	973.00	978.46	0.000446	2.81	595.43	1128.20	0.19
Reach-1	52562	1.5-yr	1761.00	970.00	978.56	973.11	978.68	0.000448	2.86	618.65	1151.72	0.19
Reach-1	52562	2-yr	2047.00	970.00	979.24	973.40	979.37	0.000444	3.00	709.23	1265.79	0.20
Reach-1	52562	5-yr	3336.00	970.00	981.35	974.61	981.45	0.000301	2.84	1743.59	1417.51	0.17
Reach-1	52562	10-yr	4375.00	970.00	983.66	975.47	983.72	0.000169	2.40	2735.96	1784.01	0.13
Reach-1	52562	50-yr	7239.00	970.00	986.85	977.47	986.91	0.000149	2.65	4485.17	2171.63	0.13
Reach-1	52562	100-yr	8721.00	970.00	988.48	978.44	988.48	0.000002	0.31	36666.00	2563.53	0.01
Reach-1	52562	10-50yrA	5330.00	970.00	985.62	976.15	985.67	0.000125	2.27	3735.27	2041.27	0.11
Reach-1	52562	10-50yrB	6285.00	970.00	985.83	976.82	985.90	0.000160	2.60	3859.94	2069.05	0.13
Reach-1	52422	Avg Annual	134.00	969.00	972.21	969.88	972.23	0.000150	0.89	149.84	699.96	0.10
Reach-1	52422	0.5-yr	1422.00	969.00	977.59	972.27	977.71	0.000445	2.81	506.09	751.72	0.19
Reach-1	52422	1-yr	1670.00	969.00	978.23	972.58	978.37	0.000475	3.00	556.31	758.02	0.20
Reach-1	52422	1.5-yr	1761.00	969.00	978.45	972.70	978.59	0.000486	3.07	574.23	760.39	0.20
Reach-1	52422	2-yr	2047.00	969.00	979.12	973.05	979.28	0.000515	3.25	630.18	767.84	0.21
Reach-1	52422	5-yr	3336.00	969.00	981.09	974.36	981.35	0.000651	4.13	833.40	838.77	0.24
Reach-1	52422	10-yr	4375.00	969.00	983.43	975.28	983.66	0.000472	3.95	1382.53	1107.76	0.21
Reach-1	52422	50-yr	7239.00	969.00	986.65	977.50	986.85	0.000400	4.12	2744.80	1984.72	0.20
Reach-1	52422	100-yr	8721.00	969.00	988.48	978.49	988.48	0.000003	0.41	29940.66	2562.17	0.02
Reach-1	52422	10-50yrA	5330.00	969.00	985.44	976.09	985.62	0.000341	3.65	2123.44	1717.61	0.19
Reach-1	52422	10-50yrB	6285.00	969.00	985.61	976.82	985.84	0.000444	4.19	2201.77	1745.01	0.21
Reach-1	52282	Avg Annual	134.00	969.00	972.19	969.96	972.20	0.000141	0.85	157.69	667.53	0.09
Reach-1	52282	0.5-yr	1422.00	969.00	977.52	972.19	977.63	0.000389	2.62	541.73	733.37	0.18
Reach-1	52282	1-yr	1670.00	969.00	978.16	972.49	978.28	0.000410	2.81	595.00	738.99	0.19
Reach-1	52282	1.5-yr	1761.00	969.00	978.38	972.60	978.51	0.000417	2.87	613.82	740.94	0.19
Reach-1	52282	2-yr	2047.00	969.00	979.04	972.92	979.19	0.000436	3.05	671.87	746.44	0.19

Reach-1	52282	5-yr	3336.00	969.00	980.99	974.18	981.23	0.000580	3.92	852.47	762.91	0.23
Reach-1	52282	10-yr	4375.00	969.00	983.32	975.06	983.57	0.000480	4.03	1130.24	911.65	0.22
Reach-1	52282	50-yr	7239.00	969.00	986.79	977.10	986.79	0.000004	0.47	22230.23	2056.10	0.02
Reach-1	52282	100-yr	8721.00	969.00	988.48	978.02	988.48	0.000004	0.51	25910.95	2397.10	0.02
Reach-1	52282	10-50yrA	5330.00	969.00	985.33	975.76	985.55	0.000353	3.87	1836.64	1396.60	0.19
Reach-1	52282	10-50yrB	6285.00	969.00	985.46	976.47	985.75	0.000467	4.48	1911.68	1432.34	0.22
Reach-1	52142	Avg Annual	134.00	969.00	972.17	969.77	972.18	0.000168	0.97	138.26	792.73	0.10
Reach-1	52142	0.5-yr	1422.00	969.00	977.44	972.36	977.58	0.000581	3.01	473.05	855.64	0.22
Reach-1	52142	1-yr	1670.00	969.00	978.07	972.70	978.23	0.000609	3.18	524.93	863.69	0.22
Reach-1	52142	1.5-yr	1761.00	969.00	978.29	972.83	978.46	0.000617	3.24	543.54	866.32	0.23
Reach-1	52142	2-yr	2047.00	969.00	978.96	973.19	979.14	0.000632	3.40	601.78	873.97	0.23
Reach-1	52142	5-yr	3336.00	969.00	980.89	974.66	981.17	0.000806	4.25	784.55	897.09	0.27
Reach-1	52142	10-yr	4375.00	969.00	983.24	975.65	983.51	0.000645	4.23	1048.62	1107.19	0.25
Reach-1	52142	50-yr	7239.00	969.00	986.79	977.94	986.79	0.000003	0.32	26606.26	2273.87	0.02
Reach-1	52142	100-yr	8721.00	969.00	988.48	978.88	988.48	0.000003	0.38	30602.10	2511.84	0.02
Reach-1	52142	10-50yrA	5330.00	969.00	985.30	976.46	985.51	0.000415	3.84	1860.17	1648.23	0.20
Reach-1	52142	10-50yrB	6285.00	969.00	985.42	977.24	985.70	0.000547	4.44	1932.33	1669.86	0.23
Reach-1	52119	Avg Annual	134.00	969.70	972.09	971.14	972.14	0.001376	1.87	71.61	48.39	0.27
Reach-1	52119	0.5-yr	1422.00	969.70	977.26	973.60	977.50	0.001055	3.86	368.52	66.35	0.29
Reach-1	52119	1-yr	1670.00	969.70	977.89	973.97	978.14	0.001065	4.07	410.45	68.51	0.29
Reach-1	52119	1.5-yr	1761.00	969.70	978.10	974.07	978.37	0.001062	4.14	425.25	69.26	0.29
Reach-1	52119	2-yr	2047.00	969.70	978.75	974.44	979.05	0.001048	4.35	470.56	71.00	0.30
Reach-1	52119	5-yr	3336.00	969.70	980.56	975.83	981.05	0.001299	5.59	597.18	130.58	0.34
Reach-1	52119	10-yr	4375.00	969.70	982.90	976.80	983.41	0.001039	5.75	760.58	584.24	0.31
Reach-1	52119	50-yr	7239.00	969.70	986.75	978.95	986.79	0.000148	2.45	7712.20	2463.00	0.11
Reach-1	52119	100-yr	8721.00	969.70	988.46	979.89	988.48	0.000066	1.76	12104.64	2666.79	0.08
Reach-1	52119	10-50yrA	5330.00	969.70	985.01	977.58	985.44	0.000764	5.46	1417.17	1855.95	0.27
Reach-1	52119	10-50yrB	6285.00	969.70	984.99	978.32	985.59	0.001071	6.45	1405.58	1844.59	0.32
Reach-1	52072		Bridge									
Reach-1	52067	Avg Annual	134.00	969.80	971.69	970.81	971.74	0.001071	1.82	73.47	53.00	0.27
Reach-1	52067	0.5-yr	1422.00	969.80	976.63	973.13	976.85	0.000757	3.72	382.07	69.41	0.28
Reach-1	52067	1-yr	1670.00	969.80	977.23	973.44	977.47	0.000767	3.94	423.92	70.84	0.28
Reach-1	52067	1.5-yr	1761.00	969.80	977.44	973.55	977.69	0.000770	4.01	438.68	71.33	0.29
Reach-1	52067	2-yr	2047.00	969.80	978.07	973.89	978.35	0.000846	4.23	484.17	74.86	0.29
Reach-1	52067	5-yr	3336.00	969.80	980.59	975.16	980.96	0.000908	4.90	681.42	81.58	0.30
Reach-1	52067	10-yr	4375.00	969.80	982.28	976.06	982.72	0.000951	5.31	832.64	151.26	0.30
Reach-1	52067	50-yr	7239.00	969.80	986.68	978.22	986.75	0.000236	2.99	6936.54	2461.70	0.15
Reach-1	52067	100-yr	8721.00	969.80	988.44	979.17	988.47	0.000101	2.13	11442.06	2667.25	0.10
Reach-1	52067	10-50yrA	5330.00	969.80	983.76	976.80	984.18	0.000868	5.33	1446.55	888.11	0.29
Reach-1	52067	10-50yrB	6285.00	969.80	985.30	977.50	985.50	0.000535	4.19	3740.94	2044.11	0.22
Reach-1	52019	Avg Annual	134.00	967.51	971.71	969.18	971.72	0.000114	0.89	150.02	58.45	0.10
Reach-1	52019	0.5-yr	1422.00	967.51	976.67	971.79	976.80	0.000364	2.95	484.23	76.31	0.20
Reach-1	52019	1-yr	1670.00	967.51	977.27	972.10	977.42	0.000375	3.17	530.63	78.47	0.21
Reach-1	52019	1.5-yr	1761.00	967.51	977.47	972.20	977.64	0.000379	3.25	547.07	79.22	0.21
Reach-1	52019	2-yr	2047.00	967.51	978.10	972.54	978.29	0.000389	3.47	597.74	81.49	0.22
Reach-1	52019	5-yr	3336.00	967.51	980.63	973.86	980.91	0.000408	4.26	814.75	90.57	0.23

Reach-1	52019	10-yr	4375.00	967.51	982.32	974.75	982.66	0.000419	4.77	973.49	97.32	0.24
Reach-1	52019	50-yr	7239.00	967.51	986.37	976.82	986.71	0.000326	5.09	2145.60	375.00	0.22
Reach-1	52019	100-yr	8721.00	967.51	988.14	977.74	988.43	0.000268	4.94	2807.39	375.00	0.20
Reach-1	52019	10-50yrA	5330.00	967.51	983.75	975.53	984.15	0.000416	5.12	1173.85	267.74	0.24
Reach-1	52019	10-50yrB	6285.00	967.51	985.08	976.18	985.46	0.000378	5.19	1665.77	352.80	0.24
Reach-1	51969	Avg Annual	134.00	968.03	971.70	969.41	971.71	0.000096	0.81	164.62	64.53	0.09
Reach-1	51969	0.5-yr	1422.00	968.03	976.66	971.62	976.78	0.000296	2.76	526.55	84.67	0.18
Reach-1	51969	1-yr	1670.00	968.03	977.26	971.91	977.40	0.000309	2.98	578.34	87.84	0.19
Reach-1	51969	1.5-yr	1761.00	968.03	977.47	972.01	977.61	0.000313	3.05	596.80	88.95	0.19
Reach-1	51969	2-yr	2047.00	968.03	978.10	972.33	978.27	0.000324	3.27	654.06	92.29	0.20
Reach-1	51969	5-yr	3336.00	968.03	980.63	973.56	980.88	0.000346	4.02	904.47	105.67	0.21
Reach-1	51969	10-yr	4375.00	968.03	982.33	974.41	982.63	0.000356	4.49	1095.11	179.15	0.22
Reach-1	51969	50-yr	7239.00	968.03	986.39	976.44	986.69	0.000282	4.81	2304.74	372.45	0.21
Reach-1	51969	100-yr	8721.00	968.03	988.15	977.36	988.41	0.000237	4.71	2971.89	380.00	0.19
Reach-1	51969	10-50yrA	5330.00	968.03	983.78	975.13	984.11	0.000351	4.79	1342.07	279.01	0.22
Reach-1	51969	10-50yrB	6285.00	968.03	985.11	975.80	985.43	0.000316	4.83	1856.55	328.75	0.22
Reach-1	51919	Avg Annual	134.00	968.40	971.68	969.98	971.70	0.000315	1.25	107.62	54.63	0.16
Reach-1	51919	0.5-yr	1422.00	968.40	976.58	972.50	976.75	0.000523	3.35	428.25	76.21	0.24
Reach-1	51919	1-yr	1670.00	968.40	977.18	972.83	977.37	0.000526	3.57	474.34	78.82	0.24
Reach-1	51919	1.5-yr	1761.00	968.40	977.38	972.94	977.59	0.000527	3.65	490.73	79.73	0.25
Reach-1	51919	2-yr	2047.00	968.40	978.01	973.28	978.24	0.000529	3.88	541.50	82.49	0.25
Reach-1	51919	5-yr	3336.00	968.40	980.52	974.61	980.85	0.000516	4.65	762.70	101.73	0.26
Reach-1	51919	10-yr	4375.00	968.40	982.23	975.47	982.60	0.000494	5.05	1021.83	217.43	0.26
Reach-1	51919	50-yr	7239.00	968.40	986.38	977.54	986.67	0.000314	4.93	2383.61	370.00	0.22
Reach-1	51919	100-yr	8721.00	968.40	988.14	978.48	988.39	0.000256	4.77	3036.08	370.00	0.20
Reach-1	51919	10-50yrA	5330.00	968.40	983.68	976.20	984.08	0.000462	5.28	1261.74	266.22	0.26
Reach-1	51919	10-50yrB	6285.00	968.40	985.07	976.88	985.41	0.000375	5.09	1900.94	370.00	0.24
Reach-1	51869	Avg Annual	134.00	968.83	971.65	970.27	971.68	0.000482	1.43	94.03	53.82	0.19
Reach-1	51869	0.5-yr	1422.00	968.83	976.54	972.73	976.73	0.000598	3.44	416.11	77.89	0.25
Reach-1	51869	1-yr	1670.00	968.83	977.14	973.05	977.34	0.000589	3.64	463.45	80.83	0.26
Reach-1	51869	1.5-yr	1761.00	968.83	977.35	973.16	977.56	0.000586	3.72	480.31	81.85	0.26
Reach-1	51869	2-yr	2047.00	968.83	977.97	973.49	978.21	0.000578	3.92	532.66	84.94	0.26
Reach-1	51869	5-yr	3336.00	968.83	980.49	974.80	980.82	0.000540	4.64	771.16	139.79	0.26
Reach-1	51869	10-yr	4375.00	968.83	982.22	975.68	982.57	0.000481	4.90	1111.34	228.06	0.26
Reach-1	51869	50-yr	7239.00	968.83	986.40	977.69	986.64	0.000268	4.51	2494.12	360.00	0.20
Reach-1	51869	100-yr	8721.00	968.83	988.16	978.59	988.37	0.000217	4.35	3127.72	360.00	0.18
Reach-1	51869	10-50yrA	5330.00	968.83	983.71	976.38	984.04	0.000409	4.90	1535.32	333.89	0.24
Reach-1	51869	10-50yrB	6285.00	968.83	985.10	977.04	985.37	0.000330	4.72	2023.79	360.00	0.22
Reach-1	51819	Avg Annual	134.00	969.03	971.64	970.08	971.66	0.000287	1.10	122.14	64.16	0.14
Reach-1	51819	0.5-yr	1422.00	969.03	976.55	972.22	976.69	0.000461	2.97	480.98	82.11	0.21
Reach-1	51819	1-yr	1670.00	969.03	977.15	972.51	977.30	0.000464	3.17	530.82	84.30	0.22
Reach-1	51819	1.5-yr	1761.00	969.03	977.36	972.61	977.52	0.000465	3.24	548.45	85.07	0.22
Reach-1	51819	2-yr	2047.00	969.03	977.99	972.91	978.17	0.000468	3.44	602.78	87.37	0.22
Reach-1	51819	5-yr	3336.00	969.03	980.58	974.13	980.75	0.000338	3.56	1246.98	350.29	0.20
Reach-1	51819	10-yr	4375.00	969.03	982.36	974.97	982.49	0.000240	3.35	1940.12	417.84	0.17
Reach-1	51819	50-yr	7239.00	969.03	986.50	976.89	986.59	0.000123	2.93	3719.03	430.00	0.13
Reach-1	51819	100-yr	8721.00	969.03	988.24	977.73	988.32	0.000105	2.89	4468.06	430.00	0.12

Reach-1	51819	10-50yrA	5330.00	969.03	983.85	975.67	983.96	0.000181	3.14	2581.49	430.00	0.15
Reach-1	51819	10-50yrB	6285.00	969.03	985.22	976.28	985.31	0.000146	3.01	3166.88	430.00	0.14
Reach-1	51769	Avg Annual	134.00	969.35	971.63	970.35	971.65	0.000291	0.99	134.98	83.38	0.14
Reach-1	51769	0.5-yr	1422.00	969.35	976.56	972.09	976.65	0.000304	2.44	586.05	99.59	0.17
Reach-1	51769	1-yr	1670.00	969.35	977.16	972.33	977.27	0.000306	2.61	646.70	101.57	0.18
Reach-1	51769	1.5-yr	1761.00	969.35	977.37	972.41	977.48	0.000307	2.67	668.07	102.26	0.18
Reach-1	51769	2-yr	2047.00	969.35	978.01	972.68	978.13	0.000310	2.84	733.60	104.35	0.18
Reach-1	51769	5-yr	3336.00	969.35	980.57	973.70	980.73	0.000285	3.31	1332.98	372.56	0.18
Reach-1	51769	10-yr	4375.00	969.35	982.32	974.42	982.48	0.000244	3.40	2095.48	470.00	0.17
Reach-1	51769	50-yr	7239.00	969.35	986.45	976.06	986.57	0.000162	3.38	4035.69	470.00	0.15
Reach-1	51769	100-yr	8721.00	969.35	988.19	976.85	988.31	0.000147	3.44	4854.03	470.00	0.14
Reach-1	51769	10-50yrA	5330.00	969.35	983.81	975.01	983.95	0.000206	3.37	2794.22	470.00	0.16
Reach-1	51769	10-50yrB	6285.00	969.35	985.16	975.56	985.30	0.000181	3.37	3432.47	470.00	0.15
Reach-1	51719	Avg Annual	134.00	969.35	971.57	970.56	971.62	0.001090	1.69	79.31	53.46	0.24
Reach-1	51719	0.5-yr	1422.00	969.35	976.48	972.96	976.63	0.000735	3.08	462.44	94.54	0.24
Reach-1	51719	1-yr	1670.00	969.35	977.08	973.23	977.24	0.000726	3.22	521.20	104.10	0.24
Reach-1	51719	1.5-yr	1761.00	969.35	977.29	973.32	977.46	0.000709	3.26	543.51	108.24	0.24
Reach-1	51719	2-yr	2047.00	969.35	977.93	973.61	978.11	0.000664	3.39	616.39	120.79	0.24
Reach-1	51719	5-yr	3336.00	969.35	980.51	974.73	980.71	0.000502	3.72	1100.92	332.08	0.22
Reach-1	51719	10-yr	4375.00	969.35	982.28	975.51	982.46	0.000384	3.68	1824.94	453.44	0.20
Reach-1	51719	50-yr	7239.00	969.35	986.44	977.33	986.56	0.000209	3.39	3883.31	500.00	0.16
Reach-1	51719	100-yr	8721.00	969.35	988.19	978.15	988.30	0.000179	3.37	4756.44	500.00	0.15
Reach-1	51719	10-50yrA	5330.00	969.35	983.78	976.15	983.93	0.000301	3.56	2552.68	500.00	0.18
Reach-1	51719	10-50yrB	6285.00	969.35	985.15	976.73	985.29	0.000246	3.45	3238.23	500.00	0.17
Reach-1	51619	Avg Annual	134.00	969.45	971.50	970.40	971.52	0.000746	1.33	100.92	66.97	0.19
Reach-1	51619	0.5-yr	1422.00	969.45	976.43	972.41	976.55	0.000638	2.83	510.92	107.45	0.22
Reach-1	51619	1-yr	1670.00	969.45	977.03	972.69	977.17	0.000617	2.97	578.43	115.85	0.22
Reach-1	51619	1.5-yr	1761.00	969.45	977.24	972.78	977.38	0.000609	3.02	603.23	118.79	0.22
Reach-1	51619	2-yr	2047.00	969.45	977.88	973.07	978.04	0.000584	3.16	682.11	127.69	0.21
Reach-1	51619	5-yr	3336.00	969.45	980.46	974.23	980.66	0.000497	3.62	1063.41	187.76	0.21
Reach-1	51619	10-yr	4375.00	969.45	982.21	975.00	982.41	0.000441	3.82	1608.77	443.79	0.20
Reach-1	51619	50-yr	7239.00	969.45	986.41	976.85	986.54	0.000237	3.47	3868.18	580.00	0.16
Reach-1	51619	100-yr	8721.00	969.45	988.17	977.63	988.28	0.000193	3.37	4889.27	580.00	0.14
Reach-1	51619	10-50yrA	5330.00	969.45	983.72	975.67	983.90	0.000356	3.74	2339.68	525.84	0.19
Reach-1	51619	10-50yrB	6285.00	969.45	985.10	976.29	985.26	0.000290	3.62	3110.19	580.00	0.17
Reach-1	51569	Avg Annual	134.00	967.86	971.49	969.67	971.50	0.000208	0.98	136.69	66.59	0.12
Reach-1	51569	0.5-yr	1422.00	967.86	976.41	971.87	976.52	0.000412	2.74	531.82	108.09	0.20
Reach-1	51569	1-yr	1670.00	967.86	977.01	972.15	977.14	0.000415	2.90	600.48	119.22	0.20
Reach-1	51569	1.5-yr	1761.00	967.86	977.22	972.25	977.36	0.000412	2.95	626.11	123.12	0.20
Reach-1	51569	2-yr	2047.00	967.86	977.86	972.55	978.01	0.000403	3.11	708.71	134.93	0.20
Reach-1	51569	5-yr	3336.00	967.86	980.45	973.74	980.64	0.000358	3.59	1122.60	199.77	0.20
Reach-1	51569	10-yr	4375.00	967.86	982.19	974.56	982.39	0.000327	3.83	1562.33	305.26	0.20
Reach-1	51569	50-yr	7239.00	967.86	986.34	976.54	986.52	0.000224	3.89	3323.39	531.50	0.17
Reach-1	51569	100-yr	8721.00	967.86	988.11	977.42	988.27	0.000190	3.85	4326.64	610.00	0.16
Reach-1	51569	10-50yrA	5330.00	967.86	983.67	975.25	983.88	0.000293	3.93	2068.88	384.57	0.19
Reach-1	51569	10-50yrB	6285.00	967.86	985.04	975.93	985.24	0.000259	3.94	2662.34	481.72	0.18

Reach-1	51519	Avg Annual	134.00	968.60	971.46	970.04	971.49	0.000483	1.30	103.06	62.26	0.18
Reach-1	51519	0.5-yr	1422.00	968.60	976.35	972.36	976.50	0.000532	3.05	472.85	95.48	0.23
Reach-1	51519	1-yr	1670.00	968.60	976.95	972.65	977.11	0.000521	3.23	532.43	103.09	0.23
Reach-1	51519	1.5-yr	1761.00	968.60	977.16	972.75	977.33	0.000518	3.29	554.39	105.76	0.23
Reach-1	51519	2-yr	2047.00	968.60	977.80	973.06	977.98	0.000506	3.47	624.28	113.83	0.23
Reach-1	51519	5-yr	3336.00	968.60	980.37	974.26	980.61	0.000453	4.03	968.70	169.21	0.23
Reach-1	51519	10-yr	4375.00	968.60	982.10	975.10	982.37	0.000415	4.31	1376.04	323.12	0.22
Reach-1	51519	50-yr	7239.00	968.60	986.28	976.98	986.51	0.000277	4.33	3106.63	561.06	0.19
Reach-1	51519	100-yr	8721.00	968.60	988.07	977.86	988.26	0.000219	4.14	4223.50	640.00	0.18
Reach-1	51519	10-50yrA	5330.00	968.60	983.61	975.78	983.86	0.000355	4.33	1896.20	368.26	0.21
Reach-1	51519	10-50yrB	6285.00	968.60	984.98	976.40	985.22	0.000315	4.36	2450.73	453.45	0.20
Reach-1	51469	Avg Annual	134.00	968.47	971.44	969.91	971.46	0.000395	1.22	110.13	63.14	0.16
Reach-1	51469	0.5-yr	1422.00	968.47	976.33	972.23	976.47	0.000525	2.97	485.05	97.24	0.22
Reach-1	51469	1-yr	1670.00	968.47	976.93	972.52	977.08	0.000526	3.13	545.81	104.65	0.23
Reach-1	51469	1.5-yr	1761.00	968.47	977.14	972.62	977.30	0.000520	3.18	568.17	107.25	0.23
Reach-1	51469	2-yr	2047.00	968.47	977.78	972.92	977.95	0.000501	3.33	639.22	115.11	0.23
Reach-1	51469	5-yr	3336.00	968.47	980.37	974.13	980.58	0.000411	3.75	1068.27	201.53	0.22
Reach-1	51469	10-yr	4375.00	968.47	982.12	974.96	982.34	0.000358	3.92	1502.39	368.66	0.21
Reach-1	51469	50-yr	7239.00	968.47	986.30	976.91	986.48	0.000230	3.89	3479.62	705.89	0.18
Reach-1	51469	100-yr	8721.00	968.47	988.10	977.72	988.23	0.000170	3.61	4804.59	740.00	0.15
Reach-1	51469	10-50yrA	5330.00	968.47	983.63	975.67	983.83	0.000303	3.93	2089.09	419.56	0.20
Reach-1	51469	10-50yrB	6285.00	968.47	985.01	976.33	985.19	0.000257	3.88	2709.46	480.93	0.18
Reach-1	51419	Avg Annual	134.00	968.25	971.43	969.62	971.45	0.000220	0.99	134.82	67.56	0.12
Reach-1	51419	0.5-yr	1422.00	968.25	976.33	971.84	976.44	0.000382	2.64	542.79	105.92	0.19
Reach-1	51419	1-yr	1670.00	968.25	976.93	972.12	977.05	0.000379	2.80	611.92	123.30	0.20
Reach-1	51419	1.5-yr	1761.00	968.25	977.14	972.22	977.27	0.000376	2.86	638.48	126.53	0.20
Reach-1	51419	2-yr	2047.00	968.25	977.79	972.52	977.92	0.000368	3.00	721.44	132.19	0.20
Reach-1	51419	5-yr	3336.00	968.25	980.38	973.68	980.55	0.000318	3.43	1183.95	235.41	0.19
Reach-1	51419	10-yr	4375.00	968.25	982.13	974.50	982.31	0.000283	3.61	1691.47	352.43	0.19
Reach-1	51419	50-yr	7239.00	968.25	986.33	976.30	986.46	0.000168	3.42	3891.39	739.77	0.15
Reach-1	51419	100-yr	8721.00	968.25	988.11	977.20	988.21	0.000126	3.18	5231.78	750.00	0.13
Reach-1	51419	10-50yrA	5330.00	968.25	983.64	975.14	983.80	0.000238	3.59	2311.07	458.41	0.17
Reach-1	51419	10-50yrB	6285.00	968.25	985.02	975.73	985.17	0.000206	3.57	2992.42	631.24	0.17
Reach-1	51369	Avg Annual	134.00	968.45	971.41	969.86	971.43	0.000358	1.17	114.48	64.49	0.15
Reach-1	51369	0.5-yr	1422.00	968.45	976.28	972.13	976.41	0.000460	2.92	492.54	90.70	0.21
Reach-1	51369	1-yr	1670.00	968.45	976.88	972.42	977.03	0.000457	3.10	547.83	93.93	0.22
Reach-1	51369	1.5-yr	1761.00	968.45	977.09	972.52	977.25	0.000456	3.17	567.69	95.06	0.22
Reach-1	51369	2-yr	2047.00	968.45	977.73	972.82	977.90	0.000453	3.35	629.13	98.49	0.22
Reach-1	51369	5-yr	3336.00	968.45	980.30	974.01	980.53	0.000416	3.92	985.47	179.67	0.22
Reach-1	51369	10-yr	4375.00	968.45	982.03	974.82	982.29	0.000382	4.19	1344.44	237.76	0.22
Reach-1	51369	50-yr	7239.00	968.45	986.27	976.64	986.44	0.000217	3.88	3670.88	720.00	0.17
Reach-1	51369	100-yr	8721.00	968.45	988.07	977.49	988.20	0.000165	3.64	4965.77	720.00	0.15
Reach-1	51369	10-50yrA	5330.00	968.45	983.53	975.44	983.78	0.000338	4.28	1859.23	499.89	0.21
Reach-1	51369	10-50yrB	6285.00	968.45	984.94	976.06	985.15	0.000277	4.14	2708.52	710.41	0.19
Reach-1	51319	Avg Annual	134.00	967.58	971.40	969.20	971.42	0.000191	1.00	134.30	59.91	0.12
Reach-1	51319	0.5-yr	1422.00	967.58	976.27	971.78	976.39	0.000425	2.76	520.24	100.65	0.20
Reach-1	51319	1-yr	1670.00	967.58	976.87	972.10	977.00	0.000418	2.93	582.41	106.21	0.21



Reach-1	51319	1.5-yr	1761.00	967.58	977.08	972.21	977.22	0.000416	2.98	605.09	110.01	0.21
Reach-1	51319	2-yr	2047.00	967.58	977.72	972.53	977.87	0.000408	3.15	681.71	130.27	0.21
Reach-1	51319	5-yr	3336.00	967.58	980.30	973.80	980.50	0.000359	3.62	1065.03	167.29	0.20
Reach-1	51319	10-yr	4375.00	967.58	982.04	974.67	982.26	0.000339	3.93	1413.52	242.14	0.20
Reach-1	51319	50-yr	7239.00	967.58	986.26	976.44	986.43	0.000206	3.78	3669.97	770.00	0.17
Reach-1	51319	100-yr	8721.00	967.58	988.06	977.28	988.20	0.000159	3.56	5055.07	770.00	0.15
Reach-1	51319	10-50yrA	5330.00	967.58	983.53	975.32	983.76	0.000308	4.06	1852.33	368.92	0.20
Reach-1	51319	10-50yrB	6285.00	967.58	984.93	975.90	985.13	0.000259	3.99	2642.10	770.00	0.19
Reach-1	51269	Avg Annual	134.00	967.58	971.40	969.10	971.41	0.000137	0.87	154.70	66.73	0.10
Reach-1	51269	0.5-yr	1422.00	967.58	976.26	971.50	976.37	0.000343	2.62	547.21	94.69	0.19
Reach-1	51269	1-yr	1670.00	967.58	976.86	971.79	976.98	0.000347	2.80	605.13	98.15	0.19
Reach-1	51269	1.5-yr	1761.00	967.58	977.07	971.89	977.20	0.000348	2.87	625.93	99.36	0.19
Reach-1	51269	2-yr	2047.00	967.58	977.71	972.20	977.85	0.000350	3.04	690.38	103.03	0.19
Reach-1	51269	5-yr	3336.00	967.58	980.28	973.38	980.48	0.000341	3.64	1010.79	169.33	0.20
Reach-1	51269	10-yr	4375.00	967.58	982.02	974.23	982.24	0.000320	3.92	1369.77	241.09	0.20
Reach-1	51269	50-yr	7239.00	967.58	986.27	976.02	986.42	0.000181	3.61	3523.44	720.00	0.16
Reach-1	51269	100-yr	8721.00	967.58	988.07	976.88	988.18	0.000134	3.33	4821.28	720.00	0.14
Reach-1	51269	10-50yrA	5330.00	967.58	983.52	974.88	983.74	0.000285	4.00	1805.89	353.29	0.19
Reach-1	51269	10-50yrB	6285.00	967.58	984.93	975.49	985.12	0.000234	3.88	2557.74	720.00	0.18
Reach-1	51219	Avg Annual	134.00	967.51	971.39	969.12	971.40	0.000173	0.93	144.62	67.08	0.11
Reach-1	51219	0.5-yr	1422.00	967.51	976.24	971.66	976.35	0.000368	2.63	543.40	94.99	0.19
Reach-1	51219	1-yr	1670.00	967.51	976.84	971.95	976.96	0.000367	2.80	601.47	98.14	0.19
Reach-1	51219	1.5-yr	1761.00	967.51	977.05	972.05	977.18	0.000367	2.86	622.28	99.24	0.19
Reach-1	51219	2-yr	2047.00	967.51	977.69	972.35	977.83	0.000366	3.03	686.59	102.59	0.20
Reach-1	51219	5-yr	3336.00	967.51	980.26	973.48	980.46	0.000346	3.60	998.72	160.86	0.20
Reach-1	51219	10-yr	4375.00	967.51	982.00	974.29	982.23	0.000323	3.87	1360.63	245.51	0.20
Reach-1	51219	50-yr	7239.00	967.51	986.26	976.12	986.41	0.000181	3.56	3610.22	780.00	0.16
Reach-1	51219	100-yr	8721.00	967.51	988.07	976.92	988.17	0.000127	3.20	5022.40	780.00	0.13
Reach-1	51219	10-50yrA	5330.00	967.51	983.51	974.96	983.73	0.000289	3.97	1846.71	396.81	0.19
Reach-1	51219	10-50yrB	6285.00	967.51	984.91	975.55	985.11	0.000245	3.91	2554.97	729.91	0.18
Reach-1	51169	Avg Annual	134.00	965.87	971.38	967.84	971.39	0.000075	0.73	184.49	64.90	0.08
Reach-1	51169	0.5-yr	1422.00	965.87	976.23	970.95	976.33	0.000291	2.49	579.29	97.98	0.17
Reach-1	51169	1-yr	1670.00	965.87	976.83	971.27	976.94	0.000297	2.66	639.47	102.08	0.18
Reach-1	51169	1.5-yr	1761.00	965.87	977.04	971.37	977.16	0.000299	2.72	661.15	103.52	0.18
Reach-1	51169	2-yr	2047.00	965.87	977.68	971.70	977.81	0.000303	2.90	728.56	107.87	0.18
Reach-1	51169	5-yr	3336.00	965.87	980.26	972.97	980.44	0.000297	3.46	1093.95	205.12	0.19
Reach-1	51169	10-yr	4375.00	965.87	982.00	973.81	982.20	0.000284	3.74	1531.93	295.14	0.19
Reach-1	51169	50-yr	7239.00	965.87	986.26	975.70	986.40	0.000168	3.51	3603.94	750.00	0.15
Reach-1	51169	100-yr	8721.00	965.87	988.06	976.54	988.17	0.000128	3.28	4955.58	750.00	0.13
Reach-1	51169	10-50yrA	5330.00	965.87	983.52	974.51	983.71	0.000247	3.77	2016.26	340.32	0.18
Reach-1	51169	10-50yrB	6285.00	965.87	984.91	975.14	985.09	0.000210	3.71	2598.87	683.79	0.17
Reach-1	51119	Avg Annual	134.00	967.58	971.37	969.24	971.39	0.000227	1.04	128.54	61.24	0.13
Reach-1	51119	0.5-yr	1422.00	967.58	976.18	971.84	976.31	0.000450	2.87	498.21	91.67	0.21
Reach-1	51119	1-yr	1670.00	967.58	976.78	972.14	976.92	0.000446	3.05	554.20	95.35	0.21
Reach-1	51119	1.5-yr	1761.00	967.58	976.99	972.25	977.14	0.000444	3.11	574.36	96.64	0.21
Reach-1	51119	2-yr	2047.00	967.58	977.62	972.56	977.79	0.000439	3.29	636.93	100.55	0.22
Reach-1	51119	5-yr	3336.00	967.58	980.19	973.79	980.42	0.000401	3.85	1013.82	260.97	0.22

Reach-1	51119	10-yr	4375.00	967.58	981.96	974.65	982.19	0.000345	3.99	1483.03	269.81	0.21
Reach-1	51119	50-yr	7239.00	967.58	986.22	976.46	986.39	0.000209	3.82	3459.62	770.00	0.17
Reach-1	51119	100-yr	8721.00	967.58	988.04	977.34	988.16	0.000147	3.45	4863.71	770.00	0.14
Reach-1	51119	10-50yrA	5330.00	967.58	983.47	975.31	983.69	0.000304	4.06	1928.00	321.46	0.20
Reach-1	51119	10-50yrB	6285.00	967.58	984.86	975.92	985.07	0.000268	4.08	2452.01	580.10	0.19
Reach-1	51069	Avg Annual	134.00	967.60	971.35	969.28	971.37	0.000331	1.10	121.64	57.86	0.13
Reach-1	51069	0.5-yr	1422.00	967.60	976.13	971.94	976.28	0.000689	3.07	469.98	94.48	0.23
Reach-1	51069	1-yr	1670.00	967.60	976.73	972.26	976.89	0.000685	3.25	529.16	103.45	0.23
Reach-1	51069	1.5-yr	1761.00	967.60	976.94	972.36	977.11	0.000681	3.32	551.20	106.60	0.23
Reach-1	51069	2-yr	2047.00	967.60	977.57	972.68	977.76	0.000666	3.49	621.92	116.12	0.23
Reach-1	51069	5-yr	3336.00	967.60	980.15	973.93	980.39	0.000590	4.03	1007.82	240.76	0.23
Reach-1	51069	10-yr	4375.00	967.60	981.93	974.79	982.16	0.000499	4.15	1443.03	249.63	0.22
Reach-1	51069	50-yr	7239.00	967.60	986.20	976.79	986.37	0.000295	3.94	3640.00	750.00	0.17
Reach-1	51069	100-yr	8721.00	967.60	988.01	977.71	988.15	0.000226	3.70	5001.30	750.00	0.16
Reach-1	51069	10-50yrA	5330.00	967.60	983.44	975.51	983.67	0.000434	4.20	1891.00	403.02	0.21
Reach-1	51069	10-50yrB	6285.00	967.60	984.85	976.19	985.05	0.000366	4.13	2671.07	669.17	0.19
Reach-1	51019	Avg Annual	134.00	967.82	971.32	969.50	971.35	0.000493	1.32	101.27	49.15	0.16
Reach-1	51019	0.5-yr	1422.00	967.82	976.05	972.29	976.23	0.000914	3.50	419.82	86.37	0.26
Reach-1	51019	1-yr	1670.00	967.82	976.64	972.63	976.85	0.000893	3.70	472.54	91.12	0.26
Reach-1	51019	1.5-yr	1761.00	967.82	976.85	972.76	977.07	0.000887	3.77	491.71	92.79	0.26
Reach-1	51019	2-yr	2047.00	967.82	977.48	973.09	977.72	0.000866	3.96	551.80	97.83	0.26
Reach-1	51019	5-yr	3336.00	967.82	980.03	974.44	980.35	0.000784	4.63	884.19	225.15	0.26
Reach-1	51019	10-yr	4375.00	967.82	981.82	975.32	982.13	0.000649	4.73	1295.12	234.10	0.25
Reach-1	51019	50-yr	7239.00	967.82	986.10	977.31	986.35	0.000409	4.64	2890.38	603.84	0.21
Reach-1	51019	100-yr	8721.00	967.82	987.92	978.28	988.13	0.000327	4.46	4040.04	668.79	0.19
Reach-1	51019	10-50yrA	5330.00	967.82	983.34	976.01	983.64	0.000563	4.79	1669.48	275.06	0.23
Reach-1	51019	10-50yrB	6285.00	967.82	984.74	976.69	985.02	0.000493	4.80	2111.31	408.39	0.22
Reach-1	50969	Avg Annual	134.00	966.84	971.31	968.72	971.33	0.000286	1.01	133.26	54.24	0.11
Reach-1	50969	0.5-yr	1422.00	966.84	976.03	971.66	976.18	0.000884	3.04	469.43	88.39	0.23
Reach-1	50969	1-yr	1670.00	966.84	976.63	972.00	976.79	0.000877	3.23	523.55	92.74	0.23
Reach-1	50969	1.5-yr	1761.00	966.84	976.84	972.12	977.01	0.000871	3.29	543.16	94.27	0.23
Reach-1	50969	2-yr	2047.00	966.84	977.47	972.48	977.66	0.000852	3.46	610.99	126.54	0.23
Reach-1	50969	5-yr	3336.00	966.84	980.07	973.83	980.28	0.000682	3.82	1125.24	234.94	0.22
Reach-1	50969	10-yr	4375.00	966.84	981.87	974.73	982.07	0.000560	3.89	1635.22	304.33	0.20
Reach-1	50969	50-yr	7239.00	966.84	986.15	976.60	986.30	0.000343	3.76	3463.55	649.55	0.17
Reach-1	50969	100-yr	8721.00	966.84	987.96	977.60	988.09	0.000276	3.63	4656.46	664.68	0.15
Reach-1	50969	10-50yrA	5330.00	966.84	983.39	975.42	983.58	0.000470	3.87	2108.35	323.76	0.19
Reach-1	50969	10-50yrB	6285.00	966.84	984.79	976.06	984.97	0.000408	3.86	2606.91	494.52	0.18
Reach-1	50919	Avg Annual	134.00	967.84	971.30	969.37	971.31	0.000386	1.03	129.58	63.86	0.13
Reach-1	50919	0.5-yr	1422.00	967.84	976.00	971.76	976.13	0.000786	2.95	486.01	87.79	0.22
Reach-1	50919	1-yr	1670.00	967.84	976.59	972.06	976.75	0.000781	3.13	539.41	90.84	0.22
Reach-1	50919	1.5-yr	1761.00	967.84	976.80	972.17	976.96	0.000779	3.20	558.58	91.91	0.22
Reach-1	50919	2-yr	2047.00	967.84	977.44	972.48	977.62	0.000772	3.39	617.93	95.14	0.22
Reach-1	50919	5-yr	3336.00	967.84	980.00	973.69	980.24	0.000727	4.02	894.99	160.12	0.23
Reach-1	50919	10-yr	4375.00	967.84	981.77	974.51	982.03	0.000653	4.25	1317.78	256.90	0.22
Reach-1	50919	50-yr	7239.00	967.84	986.05	976.40	986.28	0.000432	4.27	2839.97	583.23	0.19
Reach-1	50919	100-yr	8721.00	967.84	987.89	977.21	988.08	0.000348	4.12	3918.39	594.62	0.17

Reach-1	50919	10-50yrA	5330.00	967.84	983.29	975.17	983.55	0.000567	4.31	1716.09	262.88	0.21
Reach-1	50919	10-50yrB	6285.00	967.84	984.69	975.82	984.94	0.000506	4.35	2088.82	331.96	0.20
Reach-1	50869	Avg Annual	134.00	968.14	971.28	969.52	971.30	0.000319	1.04	128.26	64.31	0.13
Reach-1	50869	0.5-yr	1422.00	968.14	975.95	971.78	976.10	0.000634	3.02	473.76	83.45	0.22
Reach-1	50869	1-yr	1670.00	968.14	976.55	972.07	976.71	0.000635	3.22	524.22	85.89	0.22
Reach-1	50869	1.5-yr	1761.00	968.14	976.76	972.17	976.93	0.000635	3.29	542.27	86.74	0.22
Reach-1	50869	2-yr	2047.00	968.14	977.39	972.46	977.58	0.000635	3.49	597.95	89.33	0.23
Reach-1	50869	5-yr	3336.00	968.14	979.94	973.68	980.21	0.000616	4.18	838.78	99.75	0.23
Reach-1	50869	10-yr	4375.00	968.14	981.69	974.51	982.00	0.000582	4.53	1202.60	305.99	0.23
Reach-1	50869	50-yr	7239.00	968.14	986.04	976.40	986.26	0.000348	4.32	3179.30	664.39	0.19
Reach-1	50869	100-yr	8721.00	968.14	987.88	977.27	988.06	0.000270	4.10	4408.26	669.94	0.17
Reach-1	50869	10-50yrA	5330.00	968.14	983.23	975.20	983.52	0.000499	4.56	1686.95	316.95	0.22
Reach-1	50869	10-50yrB	6285.00	968.14	984.65	975.79	984.92	0.000430	4.53	2260.43	660.21	0.21
Reach-1	50819	Avg Annual	134.00	966.24	971.27	968.21	971.28	0.000156	0.89	150.46	55.43	0.10
Reach-1	50819	0.5-yr	1422.00	966.24	975.93	971.29	976.06	0.000606	2.99	480.44	87.40	0.21
Reach-1	50819	1-yr	1670.00	966.24	976.52	971.63	976.68	0.000609	3.19	533.97	92.17	0.22
Reach-1	50819	1.5-yr	1761.00	966.24	976.73	971.75	976.90	0.000610	3.26	553.43	93.85	0.22
Reach-1	50819	2-yr	2047.00	966.24	977.36	972.11	977.55	0.000610	3.46	614.46	98.91	0.22
Reach-1	50819	5-yr	3336.00	966.24	979.92	973.48	980.17	0.000582	4.11	893.41	119.36	0.23
Reach-1	50819	10-yr	4375.00	966.24	981.67	974.38	981.96	0.000562	4.49	1178.19	190.03	0.23
Reach-1	50819	50-yr	7239.00	966.24	985.95	976.34	986.23	0.000412	4.73	2383.01	426.30	0.21
Reach-1	50819	100-yr	8721.00	966.24	987.77	977.24	988.03	0.000352	4.69	3171.58	438.46	0.20
Reach-1	50819	10-50yrA	5330.00	966.24	983.19	975.10	983.49	0.000511	4.64	1487.29	211.86	0.22
Reach-1	50819	10-50yrB	6285.00	966.24	984.58	975.71	984.89	0.000468	4.75	1825.23	336.59	0.22
Reach-1	50769	Avg Annual	134.00	966.80	971.27	967.91	971.28	0.000119	0.76	176.32	56.33	0.08
Reach-1	50769	0.5-yr	1422.00	966.80	975.90	970.79	976.03	0.000638	2.94	497.30	93.85	0.20
Reach-1	50769	1-yr	1670.00	966.80	976.49	971.13	976.65	0.000659	3.16	555.64	101.42	0.20
Reach-1	50769	1.5-yr	1761.00	966.80	976.70	971.25	976.86	0.000665	3.23	577.09	103.72	0.21
Reach-1	50769	2-yr	2047.00	966.80	977.34	971.60	977.51	0.000677	3.44	644.60	108.45	0.21
Reach-1	50769	5-yr	3336.00	966.80	979.90	973.00	980.14	0.000673	4.10	936.42	119.54	0.22
Reach-1	50769	10-yr	4375.00	966.80	981.64	973.94	981.93	0.000682	4.55	1177.78	159.54	0.23
Reach-1	50769	50-yr	7239.00	966.80	985.92	976.12	986.21	0.000513	4.80	2484.13	496.22	0.21
Reach-1	50769	100-yr	8721.00	966.80	987.77	977.17	988.01	0.000418	4.64	3404.55	500.00	0.19
Reach-1	50769	10-50yrA	5330.00	966.80	983.14	974.67	983.46	0.000649	4.79	1465.47	222.87	0.22
Reach-1	50769	10-50yrB	6285.00	966.80	984.55	975.35	984.87	0.000591	4.87	1859.54	382.03	0.22
Reach-1	50719	Avg Annual	134.00	966.60	971.26	968.42	971.27	0.000198	0.88	152.83	58.07	0.10
Reach-1	50719	0.5-yr	1422.00	966.60	975.87	971.27	975.99	0.000747	2.86	502.83	97.07	0.21
Reach-1	50719	1-yr	1670.00	966.60	976.47	971.60	976.61	0.000738	3.03	562.06	100.40	0.21
Reach-1	50719	1.5-yr	1761.00	966.60	976.68	971.72	976.82	0.000735	3.09	583.22	101.23	0.21
Reach-1	50719	2-yr	2047.00	966.60	977.31	972.06	977.48	0.000724	3.26	648.38	104.06	0.21
Reach-1	50719	5-yr	3336.00	966.60	979.88	973.41	980.10	0.000672	3.85	931.81	116.88	0.22
Reach-1	50719	10-yr	4375.00	966.60	981.62	974.28	981.89	0.000662	4.26	1175.50	207.00	0.22
Reach-1	50719	50-yr	7239.00	966.60	985.95	976.18	986.17	0.000418	4.19	2901.85	480.00	0.19
Reach-1	50719	100-yr	8721.00	966.60	987.79	977.00	987.97	0.000340	4.06	3782.69	480.00	0.17
Reach-1	50719	10-50yrA	5330.00	966.60	983.14	975.00	983.42	0.000596	4.39	1619.21	371.30	0.21
Reach-1	50719	10-50yrB	6285.00	966.60	984.57	975.57	984.82	0.000508	4.35	2239.38	470.99	0.20

Reach-1	50669	Avg Annual	134.00	966.00	971.24	968.08	971.26	0.000174	0.92	145.38	55.35	0.10
Reach-1	50669	0.5-yr	1422.00	966.00	975.80	971.36	975.96	0.000667	3.20	455.73	82.66	0.23
Reach-1	50669	1-yr	1670.00	966.00	976.39	971.69	976.57	0.000673	3.41	506.08	87.51	0.23
Reach-1	50669	1.5-yr	1761.00	966.00	976.60	971.80	976.78	0.000674	3.48	524.47	89.22	0.23
Reach-1	50669	2-yr	2047.00	966.00	977.23	972.15	977.44	0.000674	3.69	582.34	94.38	0.23
Reach-1	50669	5-yr	3336.00	966.00	979.79	973.50	980.06	0.000630	4.32	856.20	121.33	0.24
Reach-1	50669	10-yr	4375.00	966.00	981.59	974.47	981.86	0.000544	4.48	1234.06	275.23	0.23
Reach-1	50669	50-yr	7239.00	966.00	986.03	976.54	986.12	0.000177	3.15	4140.42	1189.64	0.14
Reach-1	50669	100-yr	8721.00	966.00	987.87	977.47	987.92	0.000100	2.53	6473.86	1339.04	0.10
Reach-1	50669	10-50yrA	5330.00	966.00	983.15	975.18	983.38	0.000423	4.28	1795.70	456.33	0.20
Reach-1	50669	10-50yrB	6285.00	966.00	984.62	975.88	984.77	0.000295	3.83	2651.57	835.09	0.17
Reach-1	50619	Avg Annual	134.00	966.20	971.24	968.17	971.25	0.000157	0.89	149.95	55.31	0.10
Reach-1	50619	0.5-yr	1422.00	966.20	975.77	971.27	975.92	0.000667	3.12	457.88	81.19	0.22
Reach-1	50619	1-yr	1670.00	966.20	976.36	971.60	976.53	0.000671	3.33	507.06	85.06	0.23
Reach-1	50619	1.5-yr	1761.00	966.20	976.57	971.72	976.75	0.000672	3.41	524.90	86.42	0.23
Reach-1	50619	2-yr	2047.00	966.20	977.20	972.07	977.40	0.000672	3.61	580.62	90.20	0.23
Reach-1	50619	5-yr	3336.00	966.20	979.76	973.44	980.03	0.000636	4.27	827.23	102.66	0.24
Reach-1	50619	10-yr	4375.00	966.20	981.55	974.34	981.84	0.000557	4.46	1172.16	245.28	0.23
Reach-1	50619	50-yr	7239.00	966.20	986.01	976.39	986.11	0.000190	3.22	3897.83	1057.50	0.14
Reach-1	50619	100-yr	8721.00	966.20	987.86	977.33	987.92	0.000105	2.58	6118.09	1288.70	0.11
Reach-1	50619	10-50yrA	5330.00	966.20	983.10	975.09	983.35	0.000464	4.42	1642.87	454.61	0.21
Reach-1	50619	10-50yrB	6285.00	966.20	984.58	975.73	984.76	0.000318	3.92	2586.14	787.40	0.18
Reach-1	50569	Avg Annual	134.00	966.48	971.22	968.66	971.24	0.000333	1.11	120.19	56.03	0.13
Reach-1	50569	0.5-yr	1422.00	966.48	975.71	971.83	975.88	0.000857	3.36	424.64	78.29	0.25
Reach-1	50569	1-yr	1670.00	966.48	976.30	972.14	976.49	0.000847	3.57	471.67	81.00	0.25
Reach-1	50569	1.5-yr	1761.00	966.48	976.50	972.25	976.71	0.000843	3.64	488.58	81.95	0.25
Reach-1	50569	2-yr	2047.00	966.48	977.13	972.58	977.36	0.000831	3.84	541.01	84.84	0.25
Reach-1	50569	5-yr	3336.00	966.48	979.68	973.87	979.99	0.000760	4.51	772.43	96.56	0.26
Reach-1	50569	10-yr	4375.00	966.48	981.46	974.72	981.80	0.000684	4.79	1039.45	183.00	0.25
Reach-1	50569	50-yr	7239.00	966.48	985.90	976.73	986.09	0.000320	4.09	2935.74	842.65	0.18
Reach-1	50569	100-yr	8721.00	966.48	987.81	977.64	987.91	0.000180	3.30	4868.38	1147.39	0.14
Reach-1	50569	10-50yrA	5330.00	966.48	983.00	975.45	983.32	0.000577	4.79	1377.48	257.19	0.23
Reach-1	50569	10-50yrB	6285.00	966.48	984.45	976.09	984.73	0.000477	4.67	1957.02	537.96	0.22
Reach-1	50519	Avg Annual	134.00	966.00	971.21	967.98	971.22	0.000134	0.82	162.94	60.69	0.09
Reach-1	50519	0.5-yr	1422.00	966.00	975.69	971.07	975.84	0.000608	3.05	467.12	75.66	0.21
Reach-1	50519	1-yr	1670.00	966.00	976.28	971.39	976.45	0.000624	3.28	512.47	78.05	0.22
Reach-1	50519	1.5-yr	1761.00	966.00	976.49	971.50	976.66	0.000628	3.35	528.74	78.89	0.22
Reach-1	50519	2-yr	2047.00	966.00	977.12	971.83	977.32	0.000639	3.58	579.10	81.43	0.23
Reach-1	50519	5-yr	3336.00	966.00	979.67	973.12	979.95	0.000644	4.33	801.99	94.44	0.24
Reach-1	50519	10-yr	4375.00	966.00	981.42	974.02	981.77	0.000637	4.78	981.57	111.56	0.24
Reach-1	50519	50-yr	7239.00	966.00	985.74	976.05	986.05	0.000456	4.96	2173.62	498.49	0.22
Reach-1	50519	100-yr	8721.00	966.00	987.65	976.96	987.88	0.000330	4.54	3406.72	836.41	0.19
Reach-1	50519	10-50yrA	5330.00	966.00	982.90	974.76	983.29	0.000619	5.09	1158.38	127.51	0.24
Reach-1	50519	10-50yrB	6285.00	966.00	984.29	975.43	984.69	0.000581	5.26	1553.95	361.22	0.24
Reach-1	50469	Avg Annual	134.00	966.76	971.20	968.57	971.22	0.000192	0.95	141.55	55.88	0.10
Reach-1	50469	0.5-yr	1422.00	966.76	975.64	971.40	975.80	0.000753	3.19	446.43	80.20	0.24
Reach-1	50469	1-yr	1670.00	966.76	976.24	971.74	976.41	0.000746	3.39	494.49	82.32	0.24

Reach-1	50469	1.5-yr	1761.00	966.76	976.44	971.85	976.63	0.000744	3.46	511.69	83.06	0.24
Reach-1	50469	2-yr	2047.00	966.76	977.07	972.20	977.28	0.000736	3.66	564.74	85.32	0.24
Reach-1	50469	5-yr	3336.00	966.76	979.63	973.54	979.92	0.000686	4.34	794.72	94.47	0.25
Reach-1	50469	10-yr	4375.00	966.76	981.39	974.46	981.73	0.000662	4.76	983.90	125.81	0.25
Reach-1	50469	50-yr	7239.00	966.76	985.71	976.39	986.03	0.000467	4.94	2156.54	504.81	0.22
Reach-1	50469	100-yr	8721.00	966.76	987.65	977.28	987.86	0.000313	4.37	3258.10	616.60	0.18
Reach-1	50469	10-50yrA	5330.00	966.76	982.88	975.16	983.25	0.000622	5.00	1195.12	157.94	0.24
Reach-1	50469	10-50yrB	6285.00	966.76	984.27	975.79	984.66	0.000579	5.17	1544.01	347.80	0.24
Reach-1	50419	Avg Annual	134.00	965.22	971.20	967.46	971.21	0.000126	0.88	151.52	47.63	0.09
Reach-1	50419	0.5-yr	1422.00	965.22	975.57	971.02	975.76	0.000858	3.50	406.36	68.14	0.25
Reach-1	50419	1-yr	1670.00	965.22	976.15	971.40	976.37	0.000870	3.75	446.67	70.03	0.26
Reach-1	50419	1.5-yr	1761.00	965.22	976.36	971.54	976.58	0.000874	3.83	461.09	70.70	0.26
Reach-1	50419	2-yr	2047.00	965.22	976.98	971.94	977.24	0.000882	4.08	505.63	72.71	0.26
Reach-1	50419	5-yr	3336.00	965.22	979.50	973.44	979.87	0.000867	4.91	699.55	80.89	0.27
Reach-1	50419	10-yr	4375.00	965.22	981.24	974.51	981.69	0.000855	5.43	845.04	88.50	0.28
Reach-1	50419	50-yr	7239.00	965.22	985.40	976.66	985.98	0.000771	6.31	1424.18	294.53	0.28
Reach-1	50419	100-yr	8721.00	965.22	987.39	977.65	987.82	0.000561	5.82	2372.17	613.87	0.24
Reach-1	50419	10-50yrA	5330.00	965.22	982.69	975.29	983.20	0.000843	5.83	988.10	112.20	0.28
Reach-1	50419	10-50yrB	6285.00	965.22	984.05	976.00	984.61	0.000811	6.10	1161.38	143.81	0.28
Reach-1	50369	Avg Annual	134.00	965.00	971.19	967.28	971.20	0.000108	0.85	157.51	46.18	0.08
Reach-1	50369	0.5-yr	1422.00	965.00	975.51	970.83	975.71	0.000855	3.66	389.54	61.82	0.25
Reach-1	50369	1-yr	1670.00	965.00	976.08	971.21	976.32	0.000890	3.95	425.87	64.41	0.26
Reach-1	50369	1.5-yr	1761.00	965.00	976.28	971.35	976.54	0.000900	4.04	438.99	65.32	0.26
Reach-1	50369	2-yr	2047.00	965.00	976.90	971.75	977.19	0.000927	4.33	479.92	68.09	0.27
Reach-1	50369	5-yr	3336.00	965.00	979.40	973.32	979.82	0.000953	5.27	664.48	79.37	0.29
Reach-1	50369	10-yr	4375.00	965.00	981.12	974.40	981.63	0.000957	5.84	817.54	104.27	0.29
Reach-1	50369	50-yr	7239.00	965.00	985.40	976.75	985.93	0.000749	6.31	1650.22	362.42	0.27
Reach-1	50369	100-yr	8721.00	965.00	987.42	977.86	987.78	0.000503	5.59	2663.07	678.46	0.23
Reach-1	50369	10-50yrA	5330.00	965.00	982.60	975.24	983.15	0.000918	6.17	992.53	133.37	0.29
Reach-1	50369	10-50yrB	6285.00	965.00	984.00	976.01	984.56	0.000848	6.33	1228.97	221.01	0.29
Reach-1	50319	Avg Annual	134.00	966.00	971.18	967.98	971.20	0.000133	0.86	155.79	53.42	0.09
Reach-1	50319	0.5-yr	1422.00	966.00	975.48	971.07	975.66	0.000777	3.40	418.49	68.78	0.24
Reach-1	50319	1-yr	1670.00	966.00	976.06	971.40	976.27	0.000797	3.65	458.89	70.85	0.25
Reach-1	50319	1.5-yr	1761.00	966.00	976.27	971.51	976.48	0.000802	3.74	473.39	71.57	0.25
Reach-1	50319	2-yr	2047.00	966.00	976.88	971.86	977.13	0.000816	3.99	518.24	73.78	0.25
Reach-1	50319	5-yr	3336.00	966.00	979.40	973.26	979.76	0.000816	4.82	715.39	82.78	0.27
Reach-1	50319	10-yr	4375.00	966.00	981.14	974.25	981.57	0.000809	5.33	866.17	92.38	0.27
Reach-1	50319	50-yr	7239.00	966.00	985.30	976.41	985.89	0.000761	6.32	1328.87	208.20	0.28
Reach-1	50319	100-yr	8721.00	966.00	987.21	977.39	987.73	0.000633	6.21	2015.26	515.45	0.26
Reach-1	50319	10-50yrA	5330.00	966.00	982.60	975.02	983.09	0.000791	5.70	1008.85	102.03	0.27
Reach-1	50319	10-50yrB	6285.00	966.00	983.99	975.74	984.52	0.000764	5.98	1157.00	111.16	0.27
Reach-1	50269	Avg Annual	134.00	966.00	971.18	967.98	971.19	0.000137	0.85	158.38	57.14	0.09
Reach-1	50269	0.5-yr	1422.00	966.00	975.46	971.07	975.62	0.000732	3.27	435.62	72.47	0.23
Reach-1	50269	1-yr	1670.00	966.00	976.04	971.40	976.23	0.000746	3.50	478.23	74.55	0.24
Reach-1	50269	1.5-yr	1761.00	966.00	976.24	971.51	976.44	0.000750	3.58	493.50	75.28	0.24
Reach-1	50269	2-yr	2047.00	966.00	976.86	971.85	977.08	0.000760	3.82	540.74	77.49	0.25
Reach-1	50269	5-yr	3336.00	966.00	979.38	973.20	979.71	0.000754	4.61	747.87	86.54	0.26



Reach-1	50269	10-yr	4375.00	966.00	981.12	974.13	981.52	0.000745	5.10	903.67	92.77	0.26
Reach-1	50269	50-yr	7239.00	966.00	985.30	976.20	985.83	0.000694	6.03	1419.04	194.44	0.27
Reach-1	50269	100-yr	8721.00	966.00	987.18	977.14	987.70	0.000616	6.11	1803.52	215.77	0.25
Reach-1	50269	10-50yrA	5330.00	966.00	982.59	974.87	983.04	0.000732	5.47	1043.81	98.03	0.26
Reach-1	50269	10-50yrB	6285.00	966.00	983.97	975.56	984.48	0.000727	5.82	1195.60	130.06	0.27
Reach-1	50219	Avg Annual	134.00	966.00	971.17	967.91	971.18	0.000118	0.78	171.81	62.88	0.08
Reach-1	50219	0.5-yr	1422.00	966.00	975.45	970.93	975.58	0.000616	2.92	486.81	84.57	0.21
Reach-1	50219	1-yr	1670.00	966.00	976.03	971.24	976.18	0.000629	3.11	537.07	87.54	0.22
Reach-1	50219	1.5-yr	1761.00	966.00	976.24	971.35	976.39	0.000628	3.18	555.17	88.58	0.22
Reach-1	50219	2-yr	2047.00	966.00	976.86	971.67	977.04	0.000624	3.37	611.40	91.75	0.22
Reach-1	50219	5-yr	3336.00	966.00	979.41	972.93	979.65	0.000586	4.00	861.66	104.68	0.23
Reach-1	50219	10-yr	4375.00	966.00	981.16	973.80	981.45	0.000565	4.39	1055.52	117.80	0.23
Reach-1	50219	50-yr	7239.00	966.00	985.38	975.79	985.76	0.000502	5.10	1664.60	206.29	0.23
Reach-1	50219	100-yr	8721.00	966.00	987.26	976.60	987.63	0.000445	5.18	2258.80	487.78	0.22
Reach-1	50219	10-50yrA	5330.00	966.00	982.65	974.55	982.97	0.000543	4.67	1239.94	130.71	0.23
Reach-1	50219	10-50yrB	6285.00	966.00	984.05	975.19	984.40	0.000519	4.89	1431.77	144.65	0.23
Reach-1	50169	Avg Annual	134.00	967.00	971.15	968.85	971.17	0.000317	1.13	118.56	52.12	0.13
Reach-1	50169	0.5-yr	1422.00	967.00	975.31	971.76	975.53	0.001194	3.74	380.08	73.66	0.29
Reach-1	50169	1-yr	1670.00	967.00	975.89	972.09	976.13	0.001198	3.95	423.39	76.65	0.29
Reach-1	50169	1.5-yr	1761.00	967.00	976.09	972.21	976.34	0.001185	4.01	439.11	77.70	0.29
Reach-1	50169	2-yr	2047.00	967.00	976.71	972.55	976.98	0.001140	4.21	488.11	80.90	0.29
Reach-1	50169	5-yr	3336.00	967.00	979.24	973.92	979.60	0.000972	4.86	709.62	94.02	0.29
Reach-1	50169	10-yr	4375.00	967.00	980.99	974.88	981.41	0.000896	5.26	881.65	103.06	0.28
Reach-1	50169	50-yr	7239.00	967.00	985.17	976.88	985.71	0.000766	6.06	1389.41	175.69	0.28
Reach-1	50169	100-yr	8721.00	967.00	987.01	977.82	987.58	0.000719	6.35	1867.70	434.66	0.27
Reach-1	50169	10-50yrA	5330.00	967.00	982.47	975.63	982.93	0.000838	5.54	1039.62	110.72	0.28
Reach-1	50169	10-50yrB	6285.00	967.00	983.86	976.28	984.36	0.000787	5.78	1199.34	117.95	0.28
Reach-1	50119	Avg Annual	134.00	967.50	971.11	969.42	971.15	0.000828	1.58	84.66	46.39	0.21
Reach-1	50119	0.5-yr	1422.00	967.50	975.15	972.39	975.45	0.001813	4.39	324.15	70.57	0.36
Reach-1	50119	1-yr	1670.00	967.50	975.72	972.73	976.05	0.001706	4.60	365.55	73.71	0.35
Reach-1	50119	1.5-yr	1761.00	967.50	975.92	972.84	976.26	0.001673	4.67	380.64	74.82	0.35
Reach-1	50119	2-yr	2047.00	967.50	976.54	973.20	976.91	0.001579	4.87	427.90	78.21	0.35
Reach-1	50119	5-yr	3336.00	967.50	979.08	974.57	979.54	0.001266	5.49	644.33	92.12	0.33
Reach-1	50119	10-yr	4375.00	967.50	980.84	975.46	981.35	0.001131	5.86	814.18	101.72	0.32
Reach-1	50119	50-yr	7239.00	967.50	985.07	977.56	985.66	0.000884	6.50	1293.37	124.88	0.30
Reach-1	50119	100-yr	8721.00	967.50	986.89	978.50	987.54	0.000831	6.82	1548.90	175.35	0.30
Reach-1	50119	10-50yrA	5330.00	967.50	982.32	976.17	982.87	0.001035	6.13	971.29	109.85	0.31
Reach-1	50119	10-50yrB	6285.00	967.50	983.73	976.90	984.30	0.000953	6.34	1131.06	117.55	0.31
Reach-1	50069	Avg Annual	134.00	967.00	971.09	968.94	971.11	0.000461	1.28	104.34	50.37	0.16
Reach-1	50069	0.5-yr	1422.00	967.00	975.08	971.97	975.36	0.001503	4.19	339.62	67.34	0.33
Reach-1	50069	1-yr	1670.00	967.00	975.66	972.30	975.96	0.001455	4.43	379.10	69.79	0.33
Reach-1	50069	1.5-yr	1761.00	967.00	975.86	972.42	976.18	0.001439	4.50	393.39	70.65	0.33
Reach-1	50069	2-yr	2047.00	967.00	976.48	972.78	976.83	0.001393	4.74	437.87	73.28	0.33
Reach-1	50069	5-yr	3336.00	967.00	979.01	974.16	979.48	0.001217	5.50	636.87	84.02	0.32
Reach-1	50069	10-yr	4375.00	967.00	980.74	975.09	981.29	0.001146	6.00	788.37	91.36	0.32
Reach-1	50069	50-yr	7239.00	967.00	984.89	977.19	985.61	0.000997	6.95	1204.30	108.99	0.32
Reach-1	50069	100-yr	8721.00	967.00	986.69	978.14	987.48	0.000963	7.37	1406.97	116.62	0.32

Reach-1	50069	10-50yrA	5330.00	967.00	982.20	975.81	982.81	0.001092	6.37	926.26	97.56	0.32
Reach-1	50069	10-50yrB	6285.00	967.00	983.58	976.53	984.25	0.001042	6.69	1064.85	103.41	0.32
Reach-1	50019	Avg Annual	134.00	966.50	971.08	968.36	971.09	0.000186	0.93	144.30	57.18	0.10
Reach-1	50019	0.5-yr	1422.00	966.50	975.08	971.25	975.27	0.000951	3.50	406.74	73.97	0.26
Reach-1	50019	1-yr	1670.00	966.50	975.66	971.57	975.88	0.000961	3.71	450.43	76.41	0.27
Reach-1	50019	1.5-yr	1761.00	966.50	975.87	971.68	976.09	0.000956	3.78	466.25	77.27	0.27
Reach-1	50019	2-yr	2047.00	966.50	976.49	972.02	976.74	0.000937	3.99	515.34	79.89	0.27
Reach-1	50019	5-yr	3336.00	966.50	979.05	973.34	979.39	0.000852	4.71	732.95	90.60	0.27
Reach-1	50019	10-yr	4375.00	966.50	980.79	974.26	981.20	0.000818	5.17	897.02	97.90	0.27
Reach-1	50019	50-yr	7239.00	966.50	984.96	976.28	985.51	0.000737	6.07	1342.38	115.42	0.27
Reach-1	50019	100-yr	8721.00	966.50	986.77	977.18	987.39	0.000720	6.46	1557.59	122.99	0.28
Reach-1	50019	10-50yrA	5330.00	966.50	982.26	974.98	982.72	0.000790	5.52	1045.41	104.07	0.27
Reach-1	50019	10-50yrB	6285.00	966.50	983.64	975.68	984.15	0.000763	5.81	1193.75	109.89	0.27
Reach-1	49969	Avg Annual	134.00	967.00	971.06	968.87	971.08	0.000501	1.18	113.17	55.21	0.15
Reach-1	49969	0.5-yr	1422.00	967.00	974.96	971.75	975.20	0.001736	4.00	355.87	69.27	0.31
Reach-1	49969	1-yr	1670.00	967.00	975.53	972.07	975.81	0.001746	4.21	396.37	71.35	0.32
Reach-1	49969	1.5-yr	1761.00	967.00	975.74	972.18	976.02	0.001733	4.28	411.09	72.09	0.32
Reach-1	49969	2-yr	2047.00	967.00	976.36	972.53	976.67	0.001666	4.49	456.74	74.34	0.31
Reach-1	49969	5-yr	3336.00	967.00	978.91	973.86	979.33	0.001418	5.19	658.00	83.53	0.31
Reach-1	49969	10-yr	4375.00	967.00	980.65	974.77	981.14	0.001327	5.65	808.37	89.79	0.31
Reach-1	49969	50-yr	7239.00	967.00	984.81	976.84	985.46	0.001151	6.56	1213.66	104.82	0.30
Reach-1	49969	100-yr	8721.00	967.00	986.61	977.75	987.33	0.001113	6.97	1407.95	111.30	0.30
Reach-1	49969	10-50yrA	5330.00	967.00	982.11	975.52	982.66	0.001261	6.01	943.79	95.08	0.30
Reach-1	49969	10-50yrB	6285.00	967.00	983.49	976.20	984.10	0.001203	6.31	1078.77	100.07	0.30
Reach-1	49919	Avg Annual	134.00	968.00	970.99	969.74	971.04	0.001393	1.80	74.35	49.78	0.26
Reach-1	49919	0.5-yr	1422.00	968.00	974.68	972.45	975.09	0.002421	5.11	278.20	62.27	0.41
Reach-1	49919	1-yr	1670.00	968.00	975.24	972.77	975.69	0.002312	5.38	310.63	64.14	0.41
Reach-1	49919	1.5-yr	1761.00	968.00	975.44	972.90	975.91	0.002276	5.47	322.20	64.81	0.41
Reach-1	49919	2-yr	2047.00	968.00	976.05	973.21	976.56	0.002178	5.73	357.35	66.84	0.41
Reach-1	49919	5-yr	3336.00	968.00	978.53	974.55	979.22	0.001879	6.66	500.69	75.10	0.40
Reach-1	49919	10-yr	4375.00	968.00	980.19	975.50	981.03	0.001800	7.33	596.76	80.64	0.40
Reach-1	49919	50-yr	7239.00	968.00	984.14	977.74	985.34	0.001674	8.77	825.07	93.80	0.41
Reach-1	49919	100-yr	8721.00	968.00	985.81	978.79	987.20	0.001682	9.47	921.38	99.35	0.42
Reach-1	49919	10-50yrA	5330.00	968.00	981.59	976.29	982.55	0.001752	7.87	677.37	85.28	0.41
Reach-1	49919	10-50yrB	6285.00	968.00	982.90	977.04	983.98	0.001710	8.34	753.18	89.65	0.41
Reach-1	49917	Avg Annual	134.00	969.13	970.86	970.53	971.02	0.005889	3.22	41.64	42.16	0.57
Reach-1	49917	0.5-yr	1422.00	969.13	974.34	973.13	975.05	0.004452	6.78	209.79	54.61	0.61
Reach-1	49917	1-yr	1670.00	969.13	974.92	973.49	975.66	0.003976	6.90	242.00	56.68	0.59
Reach-1	49917	1.5-yr	1761.00	969.13	975.12	973.61	975.87	0.003818	6.94	253.68	57.43	0.58
Reach-1	49917	2-yr	2047.00	969.13	975.75	973.99	976.53	0.003420	7.07	289.64	59.68	0.56
Reach-1	49917	5-yr	3336.00	969.13	978.31	975.41	979.20	0.002343	7.55	441.90	68.84	0.49
Reach-1	49917	10-yr	4375.00	969.13	980.00	976.41	981.00	0.002026	8.06	543.11	74.88	0.47
Reach-1	49917	50-yr	7239.00	969.13	983.99	978.62	985.32	0.001641	9.25	782.71	89.19	0.45
Reach-1	49917	100-yr	8721.00	969.13	985.67	979.63	987.18	0.001591	9.87	883.35	95.20	0.45
Reach-1	49917	10-50yrA	5330.00	969.13	981.41	977.21	982.53	0.001856	8.49	627.77	79.94	0.46
Reach-1	49917	10-50yrB	6285.00	969.13	982.73	977.94	983.96	0.001734	8.89	707.31	84.69	0.46

Reach-1	49857		Bridge									
Reach-1	49852	Avg Annual	134.00	968.28	970.14	970.14	970.48	0.020859	4.68	28.63	41.30	0.99
Reach-1	49852	0.5-yr	1422.00	968.28	974.06	972.74	974.76	0.004394	6.70	212.09	52.46	0.59
Reach-1	49852	1-yr	1670.00	968.28	974.67	973.09	975.39	0.003924	6.83	244.53	54.20	0.57
Reach-1	49852	1.5-yr	1761.00	968.28	974.88	973.22	975.62	0.003785	6.87	256.21	54.81	0.56
Reach-1	49852	2-yr	2047.00	968.28	975.53	973.59	976.29	0.003435	7.01	292.05	56.65	0.54
Reach-1	49852	5-yr	3336.00	968.28	978.06	975.09	978.95	0.002575	7.57	440.63	61.89	0.49
Reach-1	49852	10-yr	4375.00	968.28	979.68	976.11	980.70	0.002371	8.09	540.73	64.89	0.49
Reach-1	49852	50-yr	7239.00	968.28	983.35	978.43	984.70	0.001996	9.34	774.97	72.24	0.47
Reach-1	49852	100-yr	8721.00	968.28	984.75	979.51	986.33	0.002010	10.09	864.73	75.07	0.48
Reach-1	49852	10-50yrA	5330.00	968.28	981.01	976.93	982.14	0.002210	8.52	625.47	67.53	0.48
Reach-1	49852	10-50yrB	6285.00	968.28	982.22	977.71	983.46	0.002079	8.94	703.24	69.98	0.48
Reach-1	49836	Avg Annual	134.00	967.00	969.69	968.79	969.81	0.004293	2.88	46.49	29.23	0.40
Reach-1	49836	0.5-yr	1422.00	967.00	974.05	972.21	974.65	0.005433	6.17	230.53	51.75	0.52
Reach-1	49836	1-yr	1670.00	967.00	974.66	972.59	975.29	0.005203	6.36	262.45	53.55	0.51
Reach-1	49836	1.5-yr	1761.00	967.00	974.87	972.73	975.52	0.005122	6.43	274.01	54.10	0.50
Reach-1	49836	2-yr	2047.00	967.00	975.52	973.13	976.20	0.004908	6.62	309.40	55.44	0.49
Reach-1	49836	5-yr	3336.00	967.00	978.05	974.69	978.88	0.004430	7.32	455.93	60.36	0.47
Reach-1	49836	10-yr	4375.00	967.00	979.67	975.72	980.63	0.004309	7.88	555.97	64.44	0.47
Reach-1	49836	50-yr	7239.00	967.00	983.36	978.13	984.63	0.004111	9.07	806.61	70.73	0.47
Reach-1	49836	100-yr	8721.00	967.00	984.79	979.18	986.24	0.004281	9.71	909.35	73.05	0.48
Reach-1	49836	10-50yrA	5330.00	967.00	981.00	976.56	982.07	0.004198	8.32	644.12	67.17	0.46
Reach-1	49836	10-50yrB	6285.00	967.00	982.23	977.39	983.40	0.004131	8.71	727.50	68.89	0.46
Reach-1	49820	Avg Annual	134.00	967.00	969.62	968.66	969.75	0.004022	2.80	47.94	30.22	0.39
Reach-1	49820	0.5-yr	1422.00	967.00	973.96	972.07	974.56	0.005664	6.20	229.50	49.56	0.51
Reach-1	49820	1-yr	1670.00	967.00	974.56	972.48	975.20	0.005451	6.43	259.63	50.71	0.50
Reach-1	49820	1.5-yr	1761.00	967.00	974.77	972.62	975.43	0.005383	6.51	270.48	51.12	0.50
Reach-1	49820	2-yr	2047.00	967.00	975.41	973.02	976.12	0.005218	6.74	303.50	52.34	0.49
Reach-1	49820	5-yr	3336.00	967.00	977.92	974.55	978.80	0.005003	7.53	443.11	60.35	0.49
Reach-1	49820	10-yr	4375.00	967.00	979.55	975.62	980.56	0.004841	8.04	544.17	63.18	0.48
Reach-1	49820	50-yr	7239.00	967.00	983.25	978.25	984.56	0.004787	9.17	789.19	69.30	0.48
Reach-1	49820	100-yr	8721.00	967.00	984.68	979.27	986.17	0.005028	9.80	889.66	71.66	0.49
Reach-1	49820	10-50yrA	5330.00	967.00	980.89	976.53	982.00	0.004795	8.46	630.03	65.39	0.48
Reach-1	49820	10-50yrB	6285.00	967.00	982.12	977.42	983.33	0.004779	8.83	711.59	67.42	0.48
Reach-1	49791	Avg Annual	134.00	967.00	969.53	968.53	969.63	0.003278	2.54	52.70	32.93	0.35
Reach-1	49791	0.5-yr	1422.00	967.00	973.71	971.75	974.37	0.006705	6.50	218.70	44.29	0.52
Reach-1	49791	1-yr	1670.00	967.00	974.30	972.15	975.02	0.006875	6.82	244.84	45.72	0.52
Reach-1	49791	1.5-yr	1761.00	967.00	974.50	972.29	975.25	0.006920	6.92	254.36	46.23	0.52
Reach-1	49791	2-yr	2047.00	967.00	975.12	972.72	975.93	0.007044	7.22	283.55	47.75	0.52
Reach-1	49791	5-yr	3336.00	967.00	977.58	974.42	978.62	0.006851	8.18	410.89	55.70	0.52
Reach-1	49791	10-yr	4375.00	967.00	979.16	975.61	980.37	0.006757	8.84	501.30	58.63	0.52
Reach-1	49791	50-yr	7239.00	967.00	982.70	978.28	984.37	0.006023	10.42	720.21	65.04	0.52
Reach-1	49791	100-yr	8721.00	967.00	984.00	979.41	985.96	0.006241	11.32	806.18	67.39	0.54
Reach-1	49791	10-50yrA	5330.00	967.00	980.45	976.59	981.81	0.006387	9.40	578.39	60.97	0.52
Reach-1	49791	10-50yrB	6285.00	967.00	981.63	977.48	983.14	0.006161	9.92	651.24	63.09	0.52
Reach-1	49760	Avg Annual	134.00	967.00	969.47	968.24	969.55	0.002171	2.24	59.91	32.82	0.29

Reach-1	49760	0.5-yr	1422.00	967.00	973.41	971.52	974.14	0.007544	6.85	207.49	41.40	0.54
Reach-1	49760	1-yr	1670.00	967.00	973.97	971.94	974.78	0.007931	7.24	230.76	42.87	0.55
Reach-1	49760	1.5-yr	1761.00	967.00	974.16	972.10	975.01	0.008043	7.36	239.33	43.43	0.55
Reach-1	49760	2-yr	2047.00	967.00	974.76	972.56	975.68	0.008337	7.70	265.80	45.09	0.56
Reach-1	49760	5-yr	3336.00	967.00	977.19	974.35	978.36	0.008800	8.70	383.23	51.83	0.56
Reach-1	49760	10-yr	4375.00	967.00	978.76	975.57	980.11	0.009141	9.35	468.05	56.19	0.57
Reach-1	49760	50-yr	7239.00	967.00	982.40	978.37	984.15	0.007853	10.61	691.01	66.41	0.55
Reach-1	49760	100-yr	8721.00	967.00	983.72	979.55	985.74	0.007887	11.43	781.32	70.40	0.56
Reach-1	49760	10-50yrA	5330.00	967.00	980.08	976.58	981.57	0.008782	9.80	544.72	59.68	0.56
Reach-1	49760	10-50yrB	6285.00	967.00	981.29	977.50	982.91	0.008322	10.21	619.02	63.05	0.56
Reach-1	49720	Avg Annual	134.00	967.00	969.37	968.21	969.45	0.002388	2.27	58.96	34.25	0.31
Reach-1	49720	0.5-yr	1422.00	967.00	973.25	971.45	973.84	0.005657	6.16	231.48	51.99	0.51
Reach-1	49720	1-yr	1670.00	967.00	973.83	971.85	974.47	0.005432	6.42	261.88	53.36	0.50
Reach-1	49720	1.5-yr	1761.00	967.00	974.04	971.98	974.69	0.005355	6.50	272.97	53.85	0.50
Reach-1	49720	2-yr	2047.00	967.00	974.66	972.36	975.36	0.005166	6.74	306.88	55.33	0.49
Reach-1	49720	5-yr	3336.00	967.00	977.15	973.86	978.02	0.004644	7.56	451.89	61.23	0.47
Reach-1	49720	10-yr	4375.00	967.00	978.74	974.88	979.76	0.004632	8.18	552.34	65.01	0.48
Reach-1	49720	50-yr	7239.00	967.00	982.46	977.35	983.81	0.003980	9.48	812.92	75.11	0.47
Reach-1	49720	100-yr	8721.00	967.00	983.81	978.50	985.39	0.004082	10.26	916.84	78.80	0.48
Reach-1	49720	10-50yrA	5330.00	967.00	980.09	975.79	981.23	0.004342	8.64	642.53	68.64	0.47
Reach-1	49720	10-50yrB	6285.00	967.00	981.32	976.61	982.57	0.004125	9.07	729.45	72.01	0.47
Reach-1	49670	Avg Annual	134.00	967.80	968.76	968.76	969.13	0.034992	4.88	27.45	37.66	1.01
Reach-1	49670	0.5-yr	1422.00	967.80	973.00	971.31	973.51	0.006790	5.71	250.97	60.10	0.48
Reach-1	49670	1-yr	1670.00	967.80	973.62	971.62	974.15	0.005988	5.86	288.44	61.22	0.46
Reach-1	49670	1.5-yr	1761.00	967.80	973.84	971.72	974.38	0.005759	5.91	301.86	61.61	0.46
Reach-1	49670	2-yr	2047.00	967.80	974.49	972.08	975.06	0.005223	6.10	342.27	62.79	0.45
Reach-1	49670	5-yr	3336.00	967.80	977.04	973.40	977.76	0.004042	6.84	508.68	67.41	0.42
Reach-1	49670	10-yr	4375.00	967.80	978.65	974.32	979.50	0.003820	7.47	619.25	70.31	0.42
Reach-1	49670	50-yr	7239.00	967.80	982.40	976.56	983.57	0.003481	8.82	898.52	78.66	0.42
Reach-1	49670	100-yr	8721.00	967.80	983.76	977.62	985.13	0.003639	9.60	1007.18	81.77	0.44
Reach-1	49670	10-50yrA	5330.00	967.80	980.01	975.13	980.97	0.003654	7.96	717.05	73.17	0.42
Reach-1	49670	10-50yrB	6285.00	967.80	981.26	975.88	982.32	0.003546	8.40	810.10	76.04	0.42
Reach-1	49620	Avg Annual	134.00	966.00	968.63	967.32	968.69	0.001666	1.93	69.37	39.86	0.26
Reach-1	49620	0.5-yr	1422.00	966.00	972.86	970.33	973.28	0.002686	5.18	282.34	57.06	0.39
Reach-1	49620	1-yr	1670.00	966.00	973.48	970.69	973.94	0.002557	5.44	318.25	58.43	0.39
Reach-1	49620	1.5-yr	1761.00	966.00	973.70	970.82	974.17	0.002517	5.53	331.14	58.91	0.39
Reach-1	49620	2-yr	2047.00	966.00	974.36	971.20	974.87	0.002425	5.80	369.98	60.35	0.39
Reach-1	49620	5-yr	3336.00	966.00	976.91	972.62	977.61	0.002186	6.80	531.25	65.97	0.39
Reach-1	49620	10-yr	4375.00	966.00	978.49	973.63	979.35	0.002201	7.57	638.76	69.92	0.40
Reach-1	49620	50-yr	7239.00	966.00	982.19	976.05	983.43	0.002197	9.17	915.95	80.18	0.42
Reach-1	49620	100-yr	8721.00	966.00	983.49	977.16	984.97	0.002367	10.08	1023.00	84.99	0.44
Reach-1	49620	10-50yrA	5330.00	966.00	979.84	974.49	980.83	0.002191	8.16	735.19	73.65	0.41
Reach-1	49620	10-50yrB	6285.00	966.00	981.06	975.31	982.18	0.002189	8.68	827.65	77.06	0.42
Reach-1	49570	Avg Annual	134.00	965.00	968.62	966.32	968.64	0.000380	1.18	113.72	44.93	0.13
Reach-1	49570	0.5-yr	1422.00	965.00	972.84	969.28	973.11	0.002206	4.18	340.52	60.58	0.31
Reach-1	49570	1-yr	1670.00	965.00	973.47	969.65	973.77	0.002217	4.41	379.11	61.61	0.31
Reach-1	49570	1.5-yr	1761.00	965.00	973.70	969.78	974.01	0.002221	4.49	392.89	61.98	0.31

Reach-1	49570	2-yr	2047.00	965.00	974.36	970.16	974.71	0.002174	4.73	434.20	62.59	0.31
Reach-1	49570	5-yr	3336.00	965.00	976.95	971.68	977.44	0.002033	5.63	599.04	64.65	0.32
Reach-1	49570	10-yr	4375.00	965.00	978.56	972.65	979.17	0.002087	6.32	705.28	67.90	0.33
Reach-1	49570	50-yr	7239.00	965.00	982.29	974.86	983.22	0.002165	7.79	974.68	76.32	0.35
Reach-1	49570	100-yr	8721.00	965.00	983.62	975.84	984.75	0.002349	8.59	1078.49	80.27	0.37
Reach-1	49570	10-50yrA	5330.00	965.00	979.92	973.43	980.64	0.002109	6.86	799.68	70.97	0.34
Reach-1	49570	10-50yrB	6285.00	965.00	981.16	974.17	981.99	0.002134	7.34	889.49	73.76	0.35
Reach-1	49520	Avg Annual	134.00	966.00	968.52	967.50	968.60	0.002561	2.24	59.87	38.19	0.32
Reach-1	49520	0.5-yr	1422.00	966.00	972.46	970.48	972.94	0.004424	5.54	256.90	60.27	0.47
Reach-1	49520	1-yr	1670.00	966.00	973.12	970.85	973.61	0.004152	5.63	296.64	61.77	0.45
Reach-1	49520	1.5-yr	1761.00	966.00	973.34	970.97	973.84	0.004077	5.67	310.86	62.29	0.45
Reach-1	49520	2-yr	2047.00	966.00	974.03	971.36	974.55	0.003915	5.79	353.82	63.86	0.43
Reach-1	49520	5-yr	3336.00	966.00	976.69	972.76	977.30	0.003620	6.27	531.77	69.98	0.40
Reach-1	49520	10-yr	4375.00	966.00	978.33	973.72	979.03	0.003724	6.74	649.53	73.49	0.40
Reach-1	49520	50-yr	7239.00	966.00	982.17	975.95	983.08	0.003850	7.65	946.44	81.30	0.39
Reach-1	49520	100-yr	8721.00	966.00	983.52	976.94	984.58	0.004024	8.26	1059.10	85.32	0.40
Reach-1	49520	10-50yrA	5330.00	966.00	979.72	974.51	980.50	0.003762	7.07	754.28	76.24	0.40
Reach-1	49520	10-50yrB	6285.00	966.00	981.00	975.25	981.85	0.003816	7.36	853.36	78.75	0.39
Reach-1	49470	Avg Annual	134.00	966.00	968.40	967.45	968.47	0.002663	2.07	64.62	47.47	0.31
Reach-1	49470	0.5-yr	1422.00	966.00	972.31	970.09	972.71	0.003982	5.09	279.51	60.42	0.42
Reach-1	49470	1-yr	1670.00	966.00	972.96	970.41	973.39	0.003837	5.22	319.80	62.10	0.41
Reach-1	49470	1.5-yr	1761.00	966.00	973.19	970.52	973.63	0.003800	5.27	334.21	62.72	0.40
Reach-1	49470	2-yr	2047.00	966.00	973.88	970.85	974.34	0.003725	5.42	377.77	64.55	0.39
Reach-1	49470	5-yr	3336.00	966.00	976.55	972.21	977.10	0.003482	5.97	559.44	71.47	0.37
Reach-1	49470	10-yr	4375.00	966.00	978.19	973.17	978.83	0.003395	6.46	679.66	75.29	0.37
Reach-1	49470	50-yr	7239.00	966.00	982.02	975.44	982.89	0.003300	7.48	985.66	84.55	0.37
Reach-1	49470	100-yr	8721.00	966.00	983.36	976.41	984.38	0.003556	8.12	1101.46	88.22	0.39
Reach-1	49470	10-50yrA	5330.00	966.00	979.58	973.99	980.31	0.003324	6.83	787.15	78.54	0.37
Reach-1	49470	10-50yrB	6285.00	966.00	980.86	974.73	981.65	0.003294	7.16	889.27	81.51	0.37
Reach-1	49420	Avg Annual	134.00	966.80	967.92	967.77	968.16	0.020410	3.94	33.98	44.17	0.79
Reach-1	49420	0.5-yr	1422.00	966.80	971.96	970.23	972.48	0.004830	5.77	246.36	59.00	0.50
Reach-1	49420	1-yr	1670.00	966.80	972.66	970.56	973.18	0.004161	5.80	288.09	60.95	0.47
Reach-1	49420	1.5-yr	1761.00	966.80	972.90	970.68	973.42	0.003983	5.81	302.87	61.62	0.46
Reach-1	49420	2-yr	2047.00	966.80	973.60	971.03	974.14	0.003587	5.90	347.12	63.57	0.44
Reach-1	49420	5-yr	3336.00	966.80	976.32	972.43	976.93	0.003011	6.29	530.00	71.28	0.41
Reach-1	49420	10-yr	4375.00	966.80	977.97	973.41	978.67	0.002900	6.72	651.73	75.71	0.40
Reach-1	49420	50-yr	7239.00	966.80	981.83	975.63	982.74	0.002330	7.68	963.03	85.71	0.38
Reach-1	49420	100-yr	8721.00	966.80	983.15	976.66	984.22	0.002412	8.35	1078.34	89.19	0.39
Reach-1	49420	10-50yrA	5330.00	966.80	979.39	974.21	980.16	0.002609	7.04	761.34	79.30	0.39
Reach-1	49420	10-50yrB	6285.00	966.80	980.67	974.93	981.51	0.002434	7.36	865.23	82.65	0.38
Reach-1	49370	Avg Annual	134.00	965.90	966.99	966.82	967.21	0.017636	3.77	35.53	44.46	0.74
Reach-1	49370	0.5-yr	1422.00	965.90	971.89	969.26	972.25	0.002829	4.79	296.66	61.24	0.38
Reach-1	49370	1-yr	1670.00	965.90	972.59	969.60	972.97	0.002692	4.90	340.60	63.64	0.37
Reach-1	49370	1.5-yr	1761.00	965.90	972.84	969.71	973.22	0.002655	4.94	356.20	64.48	0.37
Reach-1	49370	2-yr	2047.00	965.90	973.55	970.09	973.95	0.002560	5.08	402.83	66.12	0.36
Reach-1	49370	5-yr	3336.00	965.90	976.27	971.53	976.76	0.002418	5.66	589.61	71.50	0.35
Reach-1	49370	10-yr	4375.00	965.90	977.91	972.51	978.50	0.002535	6.16	710.21	74.76	0.35



Reach-1	49370	50-yr	7239.00	965.90	981.80	974.71	982.57	0.002986	7.07	1024.53	87.14	0.36
Reach-1	49370	100-yr	8721.00	965.90	983.13	975.70	984.04	0.003204	7.64	1143.80	91.69	0.38
Reach-1	49370	10-50yrA	5330.00	965.90	979.33	973.31	979.99	0.002744	6.50	819.45	79.40	0.36
Reach-1	49370	10-50yrB	6285.00	965.90	980.62	974.03	981.34	0.002899	6.80	924.51	83.39	0.36
Reach-1	49320	Avg Annual	134.00	964.80	966.50	966.09	966.64	0.007391	2.91	46.07	44.12	0.50
Reach-1	49320	0.5-yr	1422.00	964.80	971.81	968.60	972.11	0.002216	4.39	323.70	59.97	0.33
Reach-1	49320	1-yr	1670.00	964.80	972.51	968.94	972.83	0.002252	4.56	366.44	61.94	0.33
Reach-1	49320	1.5-yr	1761.00	964.80	972.75	969.05	973.08	0.002268	4.62	381.54	62.62	0.33
Reach-1	49320	2-yr	2047.00	964.80	973.46	969.42	973.82	0.002347	4.80	426.76	64.85	0.33
Reach-1	49320	5-yr	3336.00	964.80	976.17	970.89	976.63	0.002417	5.44	614.29	73.32	0.33
Reach-1	49320	10-yr	4375.00	964.80	977.81	971.88	978.37	0.002485	5.97	738.87	78.26	0.33
Reach-1	49320	50-yr	7239.00	964.80	981.67	974.24	982.43	0.002546	7.03	1060.90	88.52	0.34
Reach-1	49320	100-yr	8721.00	964.80	982.99	975.24	983.89	0.002691	7.68	1180.33	93.09	0.35
Reach-1	49320	10-50yrA	5330.00	964.80	979.22	972.73	979.85	0.002494	6.36	851.81	82.15	0.33
Reach-1	49320	10-50yrB	6285.00	964.80	980.50	973.51	981.20	0.002519	6.70	959.46	85.69	0.34
Reach-1	49270	Avg Annual	134.00	964.00	966.18	965.51	966.31	0.005772	2.86	46.78	35.96	0.44
Reach-1	49270	0.5-yr	1422.00	964.00	971.62	968.42	971.95	0.004289	4.64	306.78	57.77	0.35
Reach-1	49270	1-yr	1670.00	964.00	972.32	968.80	972.68	0.004236	4.80	348.01	60.15	0.35
Reach-1	49270	1.5-yr	1761.00	964.00	972.56	968.93	972.93	0.004225	4.86	362.65	60.97	0.35
Reach-1	49270	2-yr	2047.00	964.00	973.26	969.35	973.66	0.004228	5.04	406.50	63.37	0.35
Reach-1	49270	5-yr	3336.00	964.00	975.97	970.92	976.47	0.004230	5.65	590.71	72.58	0.35
Reach-1	49270	10-yr	4375.00	964.00	977.62	971.97	978.20	0.004404	6.12	714.29	77.66	0.36
Reach-1	49270	50-yr	7239.00	964.00	981.51	974.36	982.27	0.004214	6.99	1041.65	91.27	0.35
Reach-1	49270	100-yr	8721.00	964.00	982.83	975.40	983.71	0.004484	7.56	1165.09	96.19	0.37
Reach-1	49270	10-50yrA	5330.00	964.00	979.04	972.83	979.68	0.004433	6.44	827.57	82.05	0.36
Reach-1	49270	10-50yrB	6285.00	964.00	980.33	973.62	981.03	0.004290	6.72	936.93	86.89	0.35
Reach-1	49220	Avg Annual	134.00	964.00	965.94	965.17	966.04	0.004631	2.64	50.72	37.88	0.40
Reach-1	49220	0.5-yr	1422.00	964.00	971.45	968.07	971.75	0.003576	4.38	324.68	59.72	0.33
Reach-1	49220	1-yr	1670.00	964.00	972.15	968.44	972.47	0.003608	4.54	367.57	62.66	0.33
Reach-1	49220	1.5-yr	1761.00	964.00	972.39	968.56	972.72	0.003592	4.60	382.86	63.35	0.33
Reach-1	49220	2-yr	2047.00	964.00	973.10	968.94	973.45	0.003579	4.78	428.35	65.33	0.33
Reach-1	49220	5-yr	3336.00	964.00	975.81	970.47	976.27	0.003563	5.43	614.13	71.55	0.33
Reach-1	49220	10-yr	4375.00	964.00	977.42	971.52	977.96	0.004692	5.90	742.11	88.59	0.36
Reach-1	49220	50-yr	7239.00	964.00	981.38	973.85	982.03	0.004014	6.48	1118.78	101.79	0.34
Reach-1	49220	100-yr	8721.00	964.00	982.70	974.87	983.46	0.004136	6.98	1256.78	106.47	0.35
Reach-1	49220	10-50yrA	5330.00	964.00	978.86	972.38	979.44	0.004472	6.10	873.58	93.61	0.35
Reach-1	49220	10-50yrB	6285.00	964.00	980.18	973.14	980.79	0.004255	6.29	999.56	97.56	0.35
Reach-1	49170	Avg Annual	134.00	963.80	965.81	964.81	965.87	0.002313	2.06	64.94	41.80	0.29
Reach-1	49170	0.5-yr	1422.00	963.80	971.34	967.58	971.59	0.002325	3.97	357.86	62.73	0.29
Reach-1	49170	1-yr	1670.00	963.80	972.04	967.94	972.31	0.002376	4.15	402.51	65.09	0.29
Reach-1	49170	1.5-yr	1761.00	963.80	972.28	968.07	972.56	0.002394	4.21	418.40	65.90	0.29
Reach-1	49170	2-yr	2047.00	963.80	972.99	968.45	973.29	0.002459	4.40	465.72	68.19	0.30
Reach-1	49170	5-yr	3336.00	963.80	975.70	969.91	976.09	0.002641	5.04	661.83	76.43	0.30
Reach-1	49170	10-yr	4375.00	963.80	977.28	970.89	977.76	0.002916	5.56	786.53	81.14	0.31
Reach-1	49170	50-yr	7239.00	963.80	981.22	973.23	981.85	0.003085	6.36	1140.16	99.06	0.33
Reach-1	49170	100-yr	8721.00	963.80	982.54	974.25	983.27	0.003167	6.88	1274.36	104.63	0.34
Reach-1	49170	10-50yrA	5330.00	963.80	978.71	971.73	979.25	0.003019	5.89	905.26	85.39	0.32

Reach-1	49170	10-50yrB	6285.00	963.80	980.02	972.51	980.60	0.003278	6.14	1024.00	93.97	0.33
Reach-1	49120	Avg Annual	134.00	963.00	965.69	964.63	965.77	0.001950	2.17	61.87	37.44	0.30
Reach-1	49120	0.5-yr	1422.00	963.00	971.16	967.59	971.45	0.003328	4.31	330.01	60.98	0.33
Reach-1	49120	1-yr	1670.00	963.00	971.85	967.97	972.16	0.003315	4.47	373.30	63.25	0.32
Reach-1	49120	1.5-yr	1761.00	963.00	972.10	968.13	972.41	0.003303	4.53	388.69	63.90	0.32
Reach-1	49120	2-yr	2047.00	963.00	972.80	968.60	973.14	0.003300	4.71	434.18	65.70	0.32
Reach-1	49120	5-yr	3336.00	963.00	975.49	970.14	975.94	0.003428	5.38	620.57	73.64	0.33
Reach-1	49120	10-yr	4375.00	963.00	977.05	971.15	977.59	0.003925	5.90	741.18	81.41	0.34
Reach-1	49120	50-yr	7239.00	963.00	980.99	973.43	981.67	0.003720	6.63	1104.02	103.54	0.34
Reach-1	49120	100-yr	8721.00	963.00	982.30	974.44	983.09	0.003982	7.15	1245.39	112.39	0.35
Reach-1	49120	10-50yrA	5330.00	963.00	978.48	971.98	979.07	0.003981	6.18	862.71	88.84	0.35
Reach-1	49120	10-50yrB	6285.00	963.00	979.78	972.73	980.42	0.003837	6.42	982.92	96.02	0.34
Reach-1	49070	Avg Annual	134.00	963.00	965.65	964.02	965.69	0.000901	1.68	79.56	38.74	0.21
Reach-1	49070	0.5-yr	1422.00	963.00	971.08	967.12	971.27	0.002515	3.54	401.39	75.28	0.27
Reach-1	49070	1-yr	1670.00	963.00	971.78	967.61	971.99	0.002419	3.67	455.23	77.27	0.27
Reach-1	49070	1.5-yr	1761.00	963.00	972.03	967.74	972.24	0.002393	3.71	474.25	77.95	0.27
Reach-1	49070	2-yr	2047.00	963.00	972.74	968.12	972.97	0.002349	3.86	530.23	79.75	0.26
Reach-1	49070	5-yr	3336.00	963.00	975.46	969.54	975.76	0.002234	4.41	758.51	89.54	0.26
Reach-1	49070	10-yr	4375.00	963.00	977.02	970.41	977.39	0.002373	4.89	904.12	97.84	0.27
Reach-1	49070	50-yr	7239.00	963.00	980.99	972.40	981.47	0.002119	5.63	1337.53	116.21	0.27
Reach-1	49070	100-yr	8721.00	963.00	982.31	973.31	982.88	0.002215	6.12	1493.13	120.10	0.28
Reach-1	49070	10-50yrA	5330.00	963.00	978.45	971.13	978.86	0.002357	5.17	1051.71	107.53	0.27
Reach-1	49070	10-50yrB	6285.00	963.00	979.77	971.79	980.22	0.002224	5.42	1197.27	112.80	0.27
Reach-1	49020	Avg Annual	134.00	962.30	965.61	963.88	965.65	0.000783	1.54	87.09	42.88	0.19
Reach-1	49020	0.5-yr	1422.00	962.30	970.95	966.87	971.15	0.002367	3.60	395.18	73.31	0.27
Reach-1	49020	1-yr	1670.00	962.30	971.66	967.24	971.87	0.002312	3.73	448.02	75.73	0.27
Reach-1	49020	1.5-yr	1761.00	962.30	971.90	967.37	972.13	0.002299	3.77	466.74	76.57	0.27
Reach-1	49020	2-yr	2047.00	962.30	972.62	967.75	972.85	0.002290	3.92	522.03	79.00	0.27
Reach-1	49020	5-yr	3336.00	962.30	975.34	969.25	975.64	0.002325	4.45	749.88	89.00	0.27
Reach-1	49020	10-yr	4375.00	962.30	976.89	970.28	977.26	0.002559	4.90	893.43	95.63	0.28
Reach-1	49020	50-yr	7239.00	962.30	980.89	972.36	981.36	0.002531	5.51	1345.42	137.90	0.28
Reach-1	49020	100-yr	8721.00	962.30	982.21	973.29	982.75	0.002528	5.91	1532.23	143.56	0.29
Reach-1	49020	10-50yrA	5330.00	962.30	978.33	971.01	978.74	0.002571	5.15	1035.52	102.74	0.28
Reach-1	49020	10-50yrB	6285.00	962.30	979.65	971.71	980.10	0.002548	5.36	1181.11	122.84	0.28
Reach-1	48970	Avg Annual	134.00	963.00	965.54	964.43	965.60	0.001453	1.85	72.34	46.52	0.26
Reach-1	48970	0.5-yr	1422.00	963.00	970.83	967.07	971.04	0.002141	3.68	386.08	70.48	0.28
Reach-1	48970	1-yr	1670.00	963.00	971.53	967.43	971.76	0.002217	3.82	437.01	74.45	0.28
Reach-1	48970	1.5-yr	1761.00	963.00	971.78	967.55	972.01	0.002206	3.87	455.45	75.28	0.28
Reach-1	48970	2-yr	2047.00	963.00	972.49	967.90	972.74	0.002205	4.02	509.79	77.67	0.28
Reach-1	48970	5-yr	3336.00	963.00	975.21	969.28	975.53	0.002243	4.55	733.16	86.87	0.28
Reach-1	48970	10-yr	4375.00	963.00	976.74	970.21	977.14	0.002501	5.02	871.28	93.13	0.29
Reach-1	48970	50-yr	7239.00	963.00	980.75	972.34	981.23	0.002451	5.58	1332.19	141.72	0.29
Reach-1	48970	100-yr	8721.00	963.00	982.09	973.28	982.62	0.002492	5.94	1533.79	159.58	0.29
Reach-1	48970	10-50yrA	5330.00	963.00	978.18	970.94	978.61	0.002749	5.26	1012.69	106.06	0.30
Reach-1	48970	10-50yrB	6285.00	963.00	979.51	971.70	979.97	0.002597	5.44	1166.57	124.80	0.29
Reach-1	48920	Avg Annual	134.00	963.00	965.31	964.75	965.45	0.006306	3.02	44.36	37.93	0.49

Reach-1	48920	0.5-yr	1422.00	963.00	970.66	967.52	970.90	0.003298	3.94	360.58	71.36	0.31
Reach-1	48920	1-yr	1670.00	963.00	971.37	967.84	971.63	0.003108	4.05	412.03	73.40	0.30
Reach-1	48920	1.5-yr	1761.00	963.00	971.62	967.96	971.88	0.003055	4.09	430.34	74.12	0.30
Reach-1	48920	2-yr	2047.00	963.00	972.33	968.29	972.61	0.002965	4.23	483.90	76.16	0.30
Reach-1	48920	5-yr	3336.00	963.00	975.05	969.57	975.40	0.002813	4.76	701.31	83.98	0.29
Reach-1	48920	10-yr	4375.00	963.00	976.57	970.46	977.00	0.002988	5.26	833.70	92.85	0.30
Reach-1	48920	50-yr	7239.00	963.00	980.57	972.51	981.10	0.002506	5.91	1298.20	142.00	0.29
Reach-1	48920	100-yr	8721.00	963.00	981.90	973.43	982.49	0.002503	6.30	1501.20	162.73	0.29
Reach-1	48920	10-50yrA	5330.00	963.00	977.98	971.19	978.46	0.002956	5.54	976.47	109.14	0.30
Reach-1	48920	10-50yrB	6285.00	963.00	979.32	971.87	979.83	0.002715	5.75	1132.62	124.19	0.29
Reach-1	48870	Avg Annual	134.00	962.00	965.36	962.84	965.38	0.000284	1.00	134.07	52.43	0.11
Reach-1	48870	0.5-yr	1422.00	962.00	970.65	965.66	970.77	0.001231	2.80	508.07	83.84	0.20
Reach-1	48870	1-yr	1670.00	962.00	971.36	966.03	971.50	0.001249	2.94	568.79	86.48	0.20
Reach-1	48870	1.5-yr	1761.00	962.00	971.61	966.15	971.75	0.001255	2.98	590.46	87.41	0.20
Reach-1	48870	2-yr	2047.00	962.00	972.33	966.49	972.48	0.001287	3.13	653.91	90.06	0.20
Reach-1	48870	5-yr	3336.00	962.00	975.05	967.91	975.26	0.001445	3.65	914.22	102.24	0.22
Reach-1	48870	10-yr	4375.00	962.00	976.57	968.77	976.83	0.001892	4.06	1078.49	119.77	0.24
Reach-1	48870	50-yr	7239.00	962.00	980.63	970.72	980.93	0.001841	4.38	1661.28	161.76	0.23
Reach-1	48870	100-yr	8721.00	962.00	981.97	971.58	982.31	0.001849	4.68	1886.34	172.86	0.24
Reach-1	48870	10-50yrA	5330.00	962.00	978.00	969.46	978.28	0.002098	4.21	1265.78	138.55	0.25
Reach-1	48870	10-50yrB	6285.00	962.00	979.36	970.11	979.65	0.002027	4.30	1463.04	151.13	0.24
Reach-1	48820	Avg Annual	134.00	963.50	965.28	964.53	965.34	0.003293	2.01	66.53	56.42	0.33
Reach-1	48820	0.5-yr	1422.00	963.50	970.56	966.81	970.70	0.001730	3.02	471.43	87.86	0.23
Reach-1	48820	1-yr	1670.00	963.50	971.27	967.09	971.42	0.001674	3.12	535.02	90.41	0.23
Reach-1	48820	1.5-yr	1761.00	963.50	971.52	967.18	971.68	0.001673	3.16	557.80	91.90	0.23
Reach-1	48820	2-yr	2047.00	963.50	972.24	967.46	972.40	0.001689	3.27	625.11	96.14	0.23
Reach-1	48820	5-yr	3336.00	963.50	974.97	968.57	975.18	0.001717	3.67	910.05	112.36	0.23
Reach-1	48820	10-yr	4375.00	963.50	976.48	969.36	976.73	0.001907	4.03	1086.39	122.54	0.24
Reach-1	48820	50-yr	7239.00	963.50	980.53	971.16	980.84	0.001706	4.44	1640.21	149.42	0.23
Reach-1	48820	100-yr	8721.00	963.50	981.87	972.03	982.22	0.001712	4.78	1844.33	155.86	0.23
Reach-1	48820	10-50yrA	5330.00	963.50	977.90	970.02	978.18	0.001897	4.20	1268.57	132.77	0.24
Reach-1	48820	10-50yrB	6285.00	963.50	979.26	970.61	979.55	0.001819	4.33	1454.89	141.64	0.23
Reach-1	48770	Avg Annual	134.00	963.50	964.81	964.57	965.04	0.011688	3.87	34.64	34.66	0.68
Reach-1	48770	0.5-yr	1422.00	963.50	970.28	967.45	970.55	0.004512	4.15	342.56	72.49	0.34
Reach-1	48770	1-yr	1670.00	963.50	971.01	967.77	971.29	0.004052	4.22	395.58	73.82	0.32
Reach-1	48770	1.5-yr	1761.00	963.50	971.26	967.88	971.54	0.003934	4.25	414.15	74.27	0.32
Reach-1	48770	2-yr	2047.00	963.50	971.97	968.21	972.27	0.003722	4.38	467.51	75.57	0.31
Reach-1	48770	5-yr	3336.00	963.50	974.68	969.53	975.05	0.003496	4.86	686.33	86.66	0.30
Reach-1	48770	10-yr	4375.00	963.50	976.14	970.40	976.58	0.003632	5.36	818.18	94.33	0.31
Reach-1	48770	50-yr	7239.00	963.50	980.16	972.38	980.70	0.003185	5.95	1253.43	119.80	0.30
Reach-1	48770	100-yr	8721.00	963.50	981.45	973.33	982.08	0.003402	6.40	1413.30	126.79	0.32
Reach-1	48770	10-50yrA	5330.00	963.50	977.54	971.10	978.03	0.003507	5.63	957.09	105.11	0.31
Reach-1	48770	10-50yrB	6285.00	963.50	978.89	971.76	979.41	0.003337	5.81	1105.49	113.48	0.31
Reach-1	48720	Avg Annual	134.00	962.00	964.49	963.88	964.64	0.005181	3.15	42.55	35.61	0.51
Reach-1	48720	0.5-yr	1422.00	962.00	970.05	966.73	970.33	0.004128	4.29	331.50	67.62	0.34
Reach-1	48720	1-yr	1670.00	962.00	970.79	967.08	971.09	0.003788	4.37	382.44	69.43	0.33
Reach-1	48720	1.5-yr	1761.00	962.00	971.05	967.21	971.35	0.003703	4.40	400.24	70.06	0.32

Reach-1	48720	2-yr	2047.00	962.00	971.77	967.60	972.09	0.003572	4.54	451.21	71.81	0.32
Reach-1	48720	5-yr	3336.00	962.00	974.47	969.20	974.87	0.003517	5.07	657.35	82.04	0.32
Reach-1	48720	10-yr	4375.00	962.00	975.90	970.21	976.39	0.003898	5.61	779.55	88.68	0.33
Reach-1	48720	50-yr	7239.00	962.00	979.95	972.31	980.53	0.003280	6.15	1227.90	130.14	0.31
Reach-1	48720	100-yr	8721.00	962.00	981.25	973.31	981.90	0.003392	6.57	1404.29	143.14	0.32
Reach-1	48720	10-50yrA	5330.00	962.00	977.31	970.96	977.84	0.003715	5.88	914.99	104.17	0.33
Reach-1	48720	10-50yrB	6285.00	962.00	978.67	971.66	979.23	0.003492	6.04	1067.24	119.23	0.32
Reach-1	48670	Avg Annual	134.00	961.40	964.51	962.71	964.54	0.000553	1.49	90.07	42.01	0.18
Reach-1	48670	0.5-yr	1422.00	961.40	969.98	965.69	970.19	0.001600	3.70	384.28	63.02	0.26
Reach-1	48670	1-yr	1670.00	961.40	970.72	966.06	970.95	0.001676	3.87	431.75	65.70	0.27
Reach-1	48670	1.5-yr	1761.00	961.40	970.97	966.20	971.21	0.001703	3.93	448.51	66.62	0.27
Reach-1	48670	2-yr	2047.00	961.40	971.68	966.59	971.95	0.001804	4.12	496.91	69.22	0.27
Reach-1	48670	5-yr	3336.00	961.40	974.36	968.08	974.72	0.002145	4.80	695.43	79.00	0.28
Reach-1	48670	10-yr	4375.00	961.40	975.77	969.09	976.22	0.002609	5.40	810.65	85.30	0.31
Reach-1	48670	50-yr	7239.00	961.40	979.82	971.44	980.38	0.002604	6.03	1235.48	128.30	0.31
Reach-1	48670	100-yr	8721.00	961.40	981.11	972.49	981.75	0.002758	6.47	1409.68	142.85	0.32
Reach-1	48670	10-50yrA	5330.00	961.40	977.17	969.92	977.67	0.002831	5.70	935.76	94.69	0.32
Reach-1	48670	10-50yrB	6285.00	961.40	978.53	970.71	979.07	0.002723	5.90	1078.28	114.12	0.31
Reach-1	48620	Avg Annual	134.00	961.20	964.48	962.63	964.52	0.000475	1.47	91.33	39.21	0.17
Reach-1	48620	0.5-yr	1422.00	961.20	969.88	965.64	970.12	0.001345	3.92	362.32	59.24	0.28
Reach-1	48620	1-yr	1670.00	961.20	970.61	966.05	970.87	0.001380	4.11	406.34	61.17	0.28
Reach-1	48620	1.5-yr	1761.00	961.20	970.86	966.20	971.13	0.001394	4.18	421.77	61.83	0.28
Reach-1	48620	2-yr	2047.00	961.20	971.56	966.62	971.86	0.001474	4.39	466.00	64.12	0.29
Reach-1	48620	5-yr	3336.00	961.20	974.21	968.20	974.62	0.001751	5.12	653.98	77.41	0.30
Reach-1	48620	10-yr	4375.00	961.20	975.58	969.23	976.10	0.002052	5.77	765.07	85.39	0.32
Reach-1	48620	50-yr	7239.00	961.20	979.64	971.62	980.26	0.002040	6.43	1209.91	139.51	0.32
Reach-1	48620	100-yr	8721.00	961.20	980.93	972.78	981.62	0.002186	6.84	1402.87	159.12	0.33
Reach-1	48620	10-50yrA	5330.00	961.20	976.97	970.09	977.54	0.002099	6.11	892.94	100.42	0.33
Reach-1	48620	10-50yrB	6285.00	961.20	978.34	970.88	978.95	0.002084	6.31	1042.25	117.69	0.32
Reach-1	48570	Avg Annual	134.00	962.00	964.42	963.18	964.48	0.001131	1.90	70.47	39.94	0.25
Reach-1	48570	0.5-yr	1422.00	962.00	969.76	966.10	970.03	0.002240	4.14	343.57	62.40	0.31
Reach-1	48570	1-yr	1670.00	962.00	970.50	966.48	970.78	0.002176	4.28	390.27	64.46	0.31
Reach-1	48570	1.5-yr	1761.00	962.00	970.75	966.61	971.04	0.002163	4.33	406.63	65.16	0.31
Reach-1	48570	2-yr	2047.00	962.00	971.45	967.01	971.77	0.002176	4.52	453.15	67.13	0.31
Reach-1	48570	5-yr	3336.00	962.00	974.10	968.54	974.52	0.002303	5.18	644.33	77.41	0.32
Reach-1	48570	10-yr	4375.00	962.00	975.46	969.58	975.98	0.002586	5.81	754.55	86.13	0.34
Reach-1	48570	50-yr	7239.00	962.00	979.54	971.86	980.15	0.002298	6.35	1244.48	150.55	0.32
Reach-1	48570	100-yr	8721.00	962.00	980.84	972.90	981.50	0.002388	6.71	1451.36	168.73	0.32
Reach-1	48570	10-50yrA	5330.00	962.00	976.84	970.39	977.43	0.002568	6.13	888.06	112.62	0.34
Reach-1	48570	10-50yrB	6285.00	962.00	978.23	971.14	978.83	0.002448	6.29	1058.43	132.08	0.33
Reach-1	48520	Avg Annual	134.00	962.40	964.29	963.57	964.39	0.002947	2.52	53.20	39.57	0.38
Reach-1	48520	0.5-yr	1422.00	962.40	969.59	966.37	969.90	0.002743	4.48	317.59	61.38	0.35
Reach-1	48520	1-yr	1670.00	962.40	970.33	966.74	970.66	0.002592	4.59	364.05	63.43	0.34
Reach-1	48520	1.5-yr	1761.00	962.40	970.59	966.87	970.92	0.002556	4.63	380.27	64.12	0.34
Reach-1	48520	2-yr	2047.00	962.40	971.29	967.28	971.65	0.002529	4.80	426.08	66.05	0.33
Reach-1	48520	5-yr	3336.00	962.40	973.93	968.83	974.39	0.002587	5.45	612.48	76.21	0.34
Reach-1	48520	10-yr	4375.00	962.40	975.26	969.81	975.84	0.002892	6.11	718.99	84.66	0.36

Reach-1	48520	50-yr	7239.00	962.40	979.37	972.08	980.02	0.002533	6.58	1205.13	145.26	0.33
Reach-1	48520	100-yr	8721.00	962.40	980.66	973.17	981.37	0.002638	6.95	1400.52	158.67	0.34
Reach-1	48520	10-50yrA	5330.00	962.40	976.64	970.62	977.28	0.002875	6.43	849.33	109.66	0.36
Reach-1	48520	10-50yrB	6285.00	962.40	978.04	971.37	978.70	0.002724	6.56	1020.71	131.36	0.35
Reach-1	48470	Avg Annual	134.00	962.00	964.16	963.35	964.25	0.002538	2.39	56.14	40.31	0.36
Reach-1	48470	0.5-yr	1422.00	962.00	969.47	966.13	969.76	0.002613	4.30	330.44	63.16	0.33
Reach-1	48470	1-yr	1670.00	962.00	970.22	966.49	970.52	0.002517	4.41	378.78	65.84	0.32
Reach-1	48470	1.5-yr	1761.00	962.00	970.48	966.62	970.78	0.002507	4.45	395.79	67.16	0.32
Reach-1	48470	2-yr	2047.00	962.00	971.18	967.00	971.51	0.002532	4.61	444.52	70.80	0.32
Reach-1	48470	5-yr	3336.00	962.00	973.83	968.54	974.24	0.002660	5.13	649.70	83.04	0.32
Reach-1	48470	10-yr	4375.00	962.00	975.16	969.51	975.67	0.003083	5.73	763.23	88.71	0.34
Reach-1	48470	50-yr	7239.00	962.00	979.27	971.85	979.88	0.002697	6.28	1185.09	113.93	0.32
Reach-1	48470	100-yr	8721.00	962.00	980.52	972.86	981.23	0.002973	6.82	1337.37	132.88	0.34
Reach-1	48470	10-50yrA	5330.00	962.00	976.56	970.35	977.11	0.002984	6.00	894.76	99.74	0.34
Reach-1	48470	10-50yrB	6285.00	962.00	977.95	971.13	978.54	0.002826	6.16	1040.07	107.06	0.33
Reach-1	48420	Avg Annual	134.00	962.00	964.12	962.90	964.16	0.000929	1.61	83.19	48.03	0.22
Reach-1	48420	0.5-yr	1422.00	962.00	969.41	965.42	969.63	0.001679	3.75	378.98	65.29	0.27
Reach-1	48420	1-yr	1670.00	962.00	970.17	965.76	970.40	0.001699	3.89	429.14	68.25	0.27
Reach-1	48420	1.5-yr	1761.00	962.00	970.42	965.88	970.66	0.001703	3.94	446.69	69.16	0.27
Reach-1	48420	2-yr	2047.00	962.00	971.12	966.24	971.39	0.001754	4.13	496.23	71.65	0.28
Reach-1	48420	5-yr	3336.00	962.00	973.75	967.68	974.11	0.002011	4.79	696.91	81.99	0.29
Reach-1	48420	10-yr	4375.00	962.00	975.06	968.70	975.52	0.002341	5.45	814.96	101.04	0.31
Reach-1	48420	50-yr	7239.00	962.00	979.22	971.00	979.73	0.002145	5.89	1336.53	144.02	0.29
Reach-1	48420	100-yr	8721.00	962.00	980.49	971.97	981.05	0.002293	6.26	1525.80	154.91	0.30
Reach-1	48420	10-50yrA	5330.00	962.00	976.46	969.54	976.97	0.002355	5.74	971.85	120.56	0.31
Reach-1	48420	10-50yrB	6285.00	962.00	977.88	970.30	978.39	0.002258	5.85	1150.74	132.44	0.30
Reach-1	48370	Avg Annual	134.00	961.50	964.05	963.03	964.11	0.001443	1.92	69.96	44.15	0.27
Reach-1	48370	0.5-yr	1422.00	961.50	969.28	965.64	969.54	0.002116	4.08	348.41	62.10	0.30
Reach-1	48370	1-yr	1670.00	961.50	970.03	965.99	970.30	0.002102	4.22	395.92	64.72	0.30
Reach-1	48370	1.5-yr	1761.00	961.50	970.28	966.12	970.56	0.002119	4.27	412.57	66.17	0.30
Reach-1	48370	2-yr	2047.00	961.50	970.98	966.51	971.29	0.002250	4.45	459.87	69.36	0.30
Reach-1	48370	5-yr	3336.00	961.50	973.59	968.00	973.99	0.002759	5.09	655.44	81.70	0.32
Reach-1	48370	10-yr	4375.00	961.50	974.87	969.00	975.38	0.003204	5.72	768.77	96.92	0.34
Reach-1	48370	50-yr	7239.00	961.50	979.06	971.36	979.61	0.002558	6.06	1282.94	143.96	0.30
Reach-1	48370	100-yr	8721.00	961.50	980.32	972.37	980.93	0.002676	6.43	1471.64	156.23	0.31
Reach-1	48370	10-50yrA	5330.00	961.50	976.28	969.83	976.83	0.003061	5.97	918.90	116.59	0.33
Reach-1	48370	10-50yrB	6285.00	961.50	977.70	970.64	978.26	0.002806	6.06	1096.19	131.06	0.32
Reach-1	48320	Avg Annual	134.00	961.00	964.04	962.09	964.06	0.000331	1.21	110.72	47.38	0.14
Reach-1	48320	0.5-yr	1422.00	961.00	969.26	964.76	969.45	0.000839	3.54	402.23	64.38	0.25
Reach-1	48320	1-yr	1670.00	961.00	970.01	965.11	970.22	0.000848	3.70	451.67	67.66	0.25
Reach-1	48320	1.5-yr	1761.00	961.00	970.26	965.23	970.48	0.000838	3.76	469.07	69.02	0.25
Reach-1	48320	2-yr	2047.00	961.00	970.96	965.62	971.20	0.000837	3.96	518.40	72.73	0.26
Reach-1	48320	5-yr	3336.00	961.00	973.56	967.10	973.90	0.000857	4.74	727.53	90.26	0.27
Reach-1	48320	10-yr	4375.00	961.00	974.83	968.09	975.28	0.000993	5.45	849.63	101.94	0.29
Reach-1	48320	50-yr	7239.00	961.00	978.98	970.42	979.53	0.001133	6.13	1355.04	138.36	0.29
Reach-1	48320	100-yr	8721.00	961.00	980.20	971.44	980.83	0.001280	6.64	1528.94	146.82	0.30
Reach-1	48320	10-50yrA	5330.00	961.00	976.22	968.91	976.73	0.001077	5.80	1001.19	116.06	0.30



Reach-1	48320	10-50yrB	6285.00	961.00	977.63	969.73	978.17	0.001120	6.01	1175.08	129.30	0.30
Reach-1	48270	Avg Annual	134.00	961.00	964.03	962.02	964.05	0.000316	1.21	111.05	44.85	0.14
Reach-1	48270	0.5-yr	1422.00	961.00	969.20	964.72	969.40	0.001441	3.59	395.92	65.12	0.26
Reach-1	48270	1-yr	1670.00	961.00	969.95	965.08	970.16	0.001453	3.75	445.70	67.84	0.26
Reach-1	48270	1.5-yr	1761.00	961.00	970.20	965.23	970.43	0.001467	3.80	463.12	68.89	0.26
Reach-1	48270	2-yr	2047.00	961.00	970.90	965.62	971.15	0.001565	4.00	511.86	71.22	0.26
Reach-1	48270	5-yr	3336.00	961.00	973.50	967.19	973.84	0.001722	4.72	725.21	92.72	0.27
Reach-1	48270	10-yr	4375.00	961.00	974.77	968.18	975.21	0.002024	5.39	848.82	101.61	0.30
Reach-1	48270	50-yr	7239.00	961.00	978.92	970.51	979.45	0.001967	5.99	1326.43	127.93	0.29
Reach-1	48270	100-yr	8721.00	961.00	980.13	971.50	980.75	0.002076	6.50	1485.80	135.06	0.30
Reach-1	48270	10-50yrA	5330.00	961.00	976.16	969.02	976.65	0.002087	5.70	996.59	110.40	0.30
Reach-1	48270	10-50yrB	6285.00	961.00	977.57	969.79	978.09	0.002044	5.89	1159.19	120.51	0.29
Reach-1	48220	Avg Annual	134.00	961.30	964.00	962.36	964.03	0.000484	1.31	102.20	50.13	0.16
Reach-1	48220	0.5-yr	1422.00	961.30	969.15	964.93	969.33	0.001146	3.42	415.59	69.14	0.25
Reach-1	48220	1-yr	1670.00	961.30	969.90	965.28	970.09	0.001182	3.56	468.73	72.94	0.25
Reach-1	48220	1.5-yr	1761.00	961.30	970.15	965.40	970.35	0.001187	3.61	487.52	74.12	0.25
Reach-1	48220	2-yr	2047.00	961.30	970.85	965.75	971.07	0.001209	3.79	539.88	76.59	0.25
Reach-1	48220	5-yr	3336.00	961.30	973.44	967.05	973.74	0.001653	4.40	758.61	92.13	0.27
Reach-1	48220	10-yr	4375.00	961.30	974.71	967.97	975.09	0.001991	4.98	878.97	97.40	0.29
Reach-1	48220	50-yr	7239.00	961.30	978.86	970.24	979.33	0.001948	5.48	1320.23	113.82	0.28
Reach-1	48220	100-yr	8721.00	961.30	980.07	971.24	980.62	0.002173	5.97	1459.75	118.52	0.30
Reach-1	48220	10-50yrA	5330.00	961.30	976.10	968.78	976.53	0.002061	5.23	1019.64	103.91	0.29
Reach-1	48220	10-50yrB	6285.00	961.30	977.52	969.54	977.97	0.002003	5.37	1170.63	109.00	0.29
Reach-1	48170	Avg Annual	134.00	962.00	963.93	963.05	963.98	0.001663	1.92	69.70	50.11	0.29
Reach-1	48170	0.5-yr	1422.00	962.00	969.04	965.47	969.26	0.001305	3.76	378.14	69.91	0.28
Reach-1	48170	1-yr	1670.00	962.00	969.80	965.80	970.03	0.001250	3.87	431.92	73.02	0.28
Reach-1	48170	1.5-yr	1761.00	962.00	970.05	965.91	970.29	0.001235	3.91	450.76	74.03	0.28
Reach-1	48170	2-yr	2047.00	962.00	970.75	966.24	971.00	0.001223	4.07	502.97	76.21	0.28
Reach-1	48170	5-yr	3336.00	962.00	973.32	967.55	973.67	0.001362	4.69	711.18	85.62	0.29
Reach-1	48170	10-yr	4375.00	962.00	974.55	968.50	975.00	0.001657	5.34	819.16	90.18	0.31
Reach-1	48170	50-yr	7239.00	962.00	978.69	970.68	979.23	0.001689	5.91	1224.10	105.53	0.31
Reach-1	48170	100-yr	8721.00	962.00	979.86	971.64	980.51	0.001923	6.46	1350.37	109.88	0.32
Reach-1	48170	10-50yrA	5330.00	962.00	975.94	969.29	976.43	0.001720	5.63	947.50	95.31	0.31
Reach-1	48170	10-50yrB	6285.00	962.00	977.35	970.02	977.87	0.001710	5.79	1085.97	100.56	0.31
Reach-1	48120	Avg Annual	134.00	962.00	963.79	963.05	963.87	0.003279	2.29	58.40	49.96	0.37
Reach-1	48120	0.5-yr	1422.00	962.00	968.99	965.48	969.19	0.001486	3.57	398.16	82.06	0.29
Reach-1	48120	1-yr	1670.00	962.00	969.75	965.78	969.95	0.001343	3.61	462.23	85.88	0.27
Reach-1	48120	1.5-yr	1761.00	962.00	970.01	965.89	970.22	0.001306	3.63	484.66	87.15	0.27
Reach-1	48120	2-yr	2047.00	962.00	970.71	966.21	970.93	0.001231	3.75	546.55	89.13	0.27
Reach-1	48120	5-yr	3336.00	962.00	973.31	967.63	973.59	0.001117	4.24	787.12	96.42	0.26
Reach-1	48120	10-yr	4375.00	962.00	974.54	968.54	974.90	0.001269	4.82	908.00	99.89	0.28
Reach-1	48120	50-yr	7239.00	962.00	978.69	970.46	979.14	0.001050	5.38	1354.05	132.37	0.27
Reach-1	48120	100-yr	8721.00	962.00	979.87	971.29	980.40	0.001111	5.88	1517.20	140.84	0.28
Reach-1	48120	10-50yrA	5330.00	962.00	975.93	969.24	976.33	0.001243	5.08	1049.49	103.80	0.28
Reach-1	48120	10-50yrB	6285.00	962.00	977.35	969.88	977.77	0.001158	5.24	1200.04	108.72	0.28
Reach-1	48070	Avg Annual	134.00	962.00	963.73	962.73	963.77	0.001052	1.62	82.50	55.08	0.23

Reach-1	48070	0.5-yr	1422.00	962.00	968.95	964.99	969.12	0.001058	3.32	428.51	81.91	0.26
Reach-1	48070	1-yr	1670.00	962.00	969.71	965.30	969.89	0.000975	3.39	492.27	84.52	0.25
Reach-1	48070	1.5-yr	1761.00	962.00	969.97	965.40	970.15	0.000955	3.42	514.35	85.40	0.25
Reach-1	48070	2-yr	2047.00	962.00	970.67	965.73	970.87	0.000941	3.56	575.37	88.22	0.25
Reach-1	48070	5-yr	3336.00	962.00	973.27	967.07	973.53	0.000932	4.08	817.48	97.87	0.25
Reach-1	48070	10-yr	4375.00	962.00	974.50	968.10	974.83	0.001081	4.65	939.95	101.87	0.27
Reach-1	48070	50-yr	7239.00	962.00	978.67	970.02	979.08	0.000932	5.15	1439.70	154.32	0.26
Reach-1	48070	100-yr	8721.00	962.00	979.86	970.89	980.33	0.000965	5.57	1634.65	171.49	0.27
Reach-1	48070	10-50yrA	5330.00	962.00	975.89	968.79	976.26	0.001088	4.91	1085.37	107.63	0.27
Reach-1	48070	10-50yrB	6285.00	962.00	977.31	969.42	977.71	0.001022	5.06	1249.74	125.82	0.27
Reach-1	48020	Avg Annual	134.00	962.00	963.62	962.89	963.69	0.002423	2.18	61.51	47.55	0.34
Reach-1	48020	0.5-yr	1422.00	962.00	968.83	965.38	969.05	0.001582	3.73	381.22	80.03	0.30
Reach-1	48020	1-yr	1670.00	962.00	969.61	965.72	969.83	0.001397	3.75	444.91	83.74	0.29
Reach-1	48020	1.5-yr	1761.00	962.00	969.87	965.85	970.09	0.001351	3.77	467.09	84.99	0.28
Reach-1	48020	2-yr	2047.00	962.00	970.58	966.19	970.81	0.001271	3.88	528.19	87.69	0.28
Reach-1	48020	5-yr	3336.00	962.00	973.18	967.55	973.47	0.001132	4.35	767.11	97.04	0.27
Reach-1	48020	10-yr	4375.00	962.00	974.40	968.56	974.77	0.001387	4.90	893.39	111.73	0.31
Reach-1	48020	50-yr	7239.00	962.00	978.63	970.51	979.03	0.000961	5.12	1439.19	152.29	0.27
Reach-1	48020	100-yr	8721.00	962.00	979.82	971.35	980.28	0.000977	5.51	1627.57	162.62	0.27
Reach-1	48020	10-50yrA	5330.00	962.00	975.81	969.27	976.20	0.001275	5.03	1060.37	122.90	0.30
Reach-1	48020	10-50yrB	6285.00	962.00	977.26	969.92	977.66	0.001098	5.08	1245.49	133.18	0.28
Reach-1	47995	Avg Annual	134.00	962.00	963.56	962.70	963.62	0.002866	1.93	69.42	48.48	0.28
Reach-1	47995	0.5-yr	1422.00	962.00	968.78	965.16	968.99	0.002968	3.70	384.31	77.61	0.28
Reach-1	47995	1-yr	1670.00	962.00	969.56	965.48	969.78	0.002854	3.79	440.59	83.24	0.27
Reach-1	47995	1.5-yr	1761.00	962.00	969.82	965.63	970.04	0.002840	3.83	460.21	85.28	0.27
Reach-1	47995	2-yr	2047.00	962.00	970.52	965.99	970.77	0.002786	3.98	514.16	89.14	0.27
Reach-1	47995	5-yr	3336.00	962.00	973.09	967.34	973.43	0.002731	4.64	719.21	107.10	0.28
Reach-1	47995	10-yr	4375.00	962.00	974.26	968.24	974.71	0.003248	5.36	815.99	111.99	0.30
Reach-1	47995	50-yr	7239.00	962.00	978.39	970.36	978.97	0.002937	6.14	1187.48	144.50	0.30
Reach-1	47995	100-yr	8721.00	962.00	979.52	971.23	980.22	0.003175	6.74	1310.30	155.49	0.31
Reach-1	47995	10-50yrA	5330.00	962.00	975.63	968.99	976.14	0.003277	5.72	932.34	117.43	0.31
Reach-1	47995	10-50yrB	6285.00	962.00	977.05	969.68	977.60	0.003184	5.95	1055.74	124.07	0.30
Reach-1	47970	Avg Annual	134.00	962.00	963.48	962.75	963.55	0.002307	2.19	61.31	45.67	0.33
Reach-1	47970	0.5-yr	1422.00	962.00	968.62	965.24	968.90	0.003834	4.24	335.34	71.21	0.34
Reach-1	47970	1-yr	1670.00	962.00	969.41	965.59	969.69	0.003704	4.24	393.65	76.65	0.33
Reach-1	47970	1.5-yr	1761.00	962.00	969.67	965.71	969.95	0.004144	4.25	414.26	82.96	0.34
Reach-1	47970	2-yr	2047.00	962.00	970.39	966.20	970.67	0.004583	4.26	480.18	95.26	0.33
Reach-1	47970	5-yr	3336.00	962.00	973.03	967.84	973.35	0.003418	4.51	740.12	102.33	0.30
Reach-1	47970	10-yr	4375.00	962.00	974.21	968.82	974.61	0.003842	5.07	862.96	106.64	0.31
Reach-1	47970	50-yr	7239.00	962.00	978.41	970.99	978.86	0.003013	5.36	1361.67	141.91	0.28
Reach-1	47970	100-yr	8721.00	962.00	979.58	971.76	980.08	0.003149	5.75	1534.00	154.23	0.29
Reach-1	47970	10-50yrA	5330.00	962.00	975.60	969.82	976.03	0.003666	5.25	1015.46	112.10	0.31
Reach-1	47970	10-50yrB	6285.00	962.00	977.04	970.47	977.48	0.003390	5.32	1180.93	118.46	0.30
Reach-1	47920	Avg Annual	134.00	962.00	963.35	962.68	963.43	0.002823	2.16	62.07	51.24	0.35
Reach-1	47920	0.5-yr	1422.00	962.00	968.53	965.03	968.71	0.002830	3.40	418.37	88.18	0.27
Reach-1	47920	1-yr	1670.00	962.00	969.33	965.32	969.51	0.002485	3.41	490.23	91.01	0.26
Reach-1	47920	1.5-yr	1761.00	962.00	969.59	965.44	969.77	0.002424	3.43	513.48	91.91	0.26

Reach-1	47920	2-yr	2047.00	962.00	970.30	965.74	970.49	0.002326	3.53	579.45	94.27	0.25
Reach-1	47920	5-yr	3336.00	962.00	972.95	967.08	973.19	0.002171	3.97	839.92	102.25	0.24
Reach-1	47920	10-yr	4375.00	962.00	974.11	967.99	974.43	0.002585	4.55	960.54	105.98	0.27
Reach-1	47920	50-yr	7239.00	962.00	978.32	969.76	978.70	0.002429	4.95	1473.94	150.30	0.26
Reach-1	47920	100-yr	8721.00	962.00	979.48	970.57	979.92	0.002554	5.33	1659.67	169.49	0.26
Reach-1	47920	10-50yrA	5330.00	962.00	975.50	968.61	975.85	0.002678	4.79	1113.04	113.27	0.27
Reach-1	47920	10-50yrB	6285.00	962.00	976.94	969.20	977.31	0.002704	4.90	1282.69	122.88	0.27
Reach-1	47870	Avg Annual	134.00	962.00	962.98	962.74	963.15	0.014075	3.26	41.11	52.49	0.65
Reach-1	47870	0.5-yr	1422.00	962.00	968.35	965.00	968.56	0.003307	3.61	393.60	83.80	0.29
Reach-1	47870	1-yr	1670.00	962.00	969.17	965.32	969.38	0.002947	3.60	464.34	88.22	0.28
Reach-1	47870	1.5-yr	1761.00	962.00	969.43	965.43	969.64	0.002886	3.61	487.27	89.61	0.27
Reach-1	47870	2-yr	2047.00	962.00	970.15	965.76	970.36	0.002792	3.70	552.62	93.23	0.27
Reach-1	47870	5-yr	3336.00	962.00	972.81	967.07	973.07	0.002544	4.09	814.81	103.52	0.26
Reach-1	47870	10-yr	4375.00	962.00	973.95	967.99	974.29	0.003015	4.68	934.77	107.91	0.28
Reach-1	47870	50-yr	7239.00	962.00	978.18	969.92	978.58	0.002472	5.05	1445.00	148.06	0.26
Reach-1	47870	100-yr	8721.00	962.00	979.34	970.74	979.79	0.002539	5.45	1634.29	184.44	0.27
Reach-1	47870	10-50yrA	5330.00	962.00	975.34	968.69	975.71	0.002969	4.90	1088.69	113.28	0.28
Reach-1	47870	10-50yrB	6285.00	962.00	976.78	969.33	977.17	0.002747	5.00	1257.49	121.32	0.27
Reach-1	47820	Avg Annual	134.00	961.00	962.41	962.15	962.57	0.009542	3.19	41.97	48.10	0.60
Reach-1	47820	0.5-yr	1422.00	961.00	968.20	964.52	968.40	0.002995	3.55	400.77	81.25	0.28
Reach-1	47820	1-yr	1670.00	961.00	969.04	964.85	969.23	0.002644	3.55	470.17	84.24	0.26
Reach-1	47820	1.5-yr	1761.00	961.00	969.30	964.96	969.50	0.002589	3.58	492.20	85.17	0.26
Reach-1	47820	2-yr	2047.00	961.00	970.02	965.33	970.23	0.002523	3.69	554.12	87.73	0.26
Reach-1	47820	5-yr	3336.00	961.00	972.68	966.88	972.95	0.002469	4.17	800.28	97.28	0.26
Reach-1	47820	10-yr	4375.00	961.00	973.77	967.71	974.13	0.003015	4.81	909.30	101.21	0.28
Reach-1	47820	50-yr	7239.00	961.00	978.02	969.62	978.45	0.002605	5.26	1390.00	146.86	0.27
Reach-1	47820	100-yr	8721.00	961.00	979.17	970.48	979.66	0.002694	5.68	1574.65	177.38	0.27
Reach-1	47820	10-50yrA	5330.00	961.00	975.16	968.39	975.56	0.003028	5.06	1052.98	106.18	0.28
Reach-1	47820	10-50yrB	6285.00	961.00	976.61	969.03	977.03	0.002922	5.19	1210.80	111.74	0.28
Reach-1	47810	Avg Annual	134.00	961.00	962.38	961.95	962.49	0.004959	2.63	50.93	50.38	0.46
Reach-1	47810	0.5-yr	1422.00	961.00	968.19	964.26	968.36	0.002390	3.35	424.99	82.28	0.26
Reach-1	47810	1-yr	1670.00	961.00	969.03	964.58	969.21	0.002168	3.37	495.43	85.46	0.25
Reach-1	47810	1.5-yr	1761.00	961.00	969.29	964.70	969.47	0.002138	3.40	517.81	86.46	0.24
Reach-1	47810	2-yr	2047.00	961.00	970.01	965.08	970.20	0.002120	3.52	580.72	89.20	0.24
Reach-1	47810	5-yr	3336.00	961.00	972.67	966.58	972.92	0.002163	4.01	831.70	99.38	0.24
Reach-1	47810	10-yr	4375.00	961.00	973.76	967.39	974.10	0.002672	4.64	942.99	103.58	0.27
Reach-1	47810	50-yr	7239.00	961.00	978.02	969.31	978.42	0.002033	5.10	1465.53	160.98	0.25
Reach-1	47810	100-yr	8721.00	961.00	979.17	970.16	979.62	0.002120	5.51	1677.86	211.64	0.26
Reach-1	47810	10-50yrA	5330.00	961.00	975.15	968.06	975.52	0.002597	4.89	1091.92	111.67	0.27
Reach-1	47810	10-50yrB	6285.00	961.00	976.60	968.69	976.99	0.002304	5.04	1264.96	129.56	0.26
Reach-1	47782	Avg Annual	134.00	960.64	962.30	961.66	962.37	0.002940	2.15	62.26	58.92	0.37
Reach-1	47782	0.5-yr	1422.00	960.64	968.13	963.85	968.32	0.000805	3.50	406.50	59.00	0.23
Reach-1	47782	1-yr	1670.00	960.64	968.96	964.15	969.17	0.000785	3.67	455.10	59.00	0.23
Reach-1	47782	1.5-yr	1761.00	960.64	969.21	964.25	969.43	0.000791	3.75	470.09	59.00	0.23
Reach-1	47782	2-yr	2047.00	960.64	969.91	964.57	970.16	0.000828	4.00	511.15	59.00	0.24
Reach-1	47782	5-yr	3336.00	960.64	972.47	965.86	972.86	0.001012	5.04	662.18	59.00	0.27
Reach-1	47782	10-yr	4375.00	960.64	973.45	966.77	974.02	0.001359	6.08	720.03	59.00	0.31

Reach-1	47782	50-yr	7239.00	960.64	977.44	968.98	978.31	0.001935	7.51	973.12	92.85	0.37
Reach-1	47782	100-yr	8721.00	960.64	978.46	970.00	979.50	0.002476	8.23	1142.51	196.83	0.42
Reach-1	47782	10-50yrA	5330.00	960.64	974.74	967.55	975.44	0.001503	6.69	796.16	59.00	0.32
Reach-1	47782	10-50yrB	6285.00	960.64	976.10	968.28	976.90	0.001581	7.17	876.61	59.00	0.33
Reach-1	47735		Bridge									
Reach-1	47730	Avg Annual	134.00	960.17	962.08	961.38	962.14	0.001933	1.92	69.82	58.38	0.31
Reach-1	47730	0.5-yr	1422.00	960.17	968.10	963.51	968.27	0.000684	3.35	424.77	59.00	0.22
Reach-1	47730	1-yr	1670.00	960.17	968.93	963.81	969.12	0.000678	3.53	473.44	59.00	0.22
Reach-1	47730	1.5-yr	1761.00	960.17	969.18	963.91	969.38	0.000686	3.61	488.42	59.00	0.22
Reach-1	47730	2-yr	2047.00	960.17	969.87	964.23	970.11	0.000726	3.87	529.39	59.00	0.23
Reach-1	47730	5-yr	3336.00	960.17	971.73	965.51	972.15	0.001098	5.22	638.98	59.00	0.28
Reach-1	47730	10-yr	4375.00	960.17	972.78	966.45	973.39	0.001437	6.24	700.91	59.00	0.32
Reach-1	47730	50-yr	7239.00	960.17	975.30	968.66	976.43	0.002244	8.52	849.80	59.00	0.40
Reach-1	47730	100-yr	8721.00	960.17	976.13	969.69	977.60	0.002772	9.70	898.75	59.00	0.44
Reach-1	47730	10-50yrA	5330.00	960.17	973.59	967.21	974.38	0.001757	7.12	748.84	59.00	0.35
Reach-1	47730	10-50yrB	6285.00	960.17	974.34	967.94	975.32	0.002068	7.93	792.90	59.00	0.38
Reach-1	47727	Avg Annual	134.00	960.20	962.04	961.46	962.13	0.003097	2.39	55.97	48.09	0.39
Reach-1	47727	0.5-yr	1422.00	960.20	968.08	963.89	968.27	0.000891	3.48	408.22	75.41	0.26
Reach-1	47727	1-yr	1670.00	960.20	968.92	964.24	969.12	0.000761	3.54	473.25	79.61	0.25
Reach-1	47727	1.5-yr	1761.00	960.20	969.18	964.39	969.38	0.000740	3.59	493.88	80.89	0.25
Reach-1	47727	2-yr	2047.00	960.20	969.88	964.78	970.10	0.000710	3.76	551.88	84.40	0.25
Reach-1	47727	5-yr	3336.00	960.20	971.77	966.27	972.13	0.000859	4.83	715.44	91.65	0.28
Reach-1	47727	10-yr	4375.00	960.20	972.86	967.25	973.35	0.001008	5.64	809.94	95.72	0.31
Reach-1	47727	50-yr	7239.00	960.20	975.51	969.29	976.34	0.001258	7.35	1040.74	106.30	0.36
Reach-1	47727	100-yr	8721.00	960.20	976.43	970.19	977.46	0.001446	8.25	1120.40	111.18	0.39
Reach-1	47727	10-50yrA	5330.00	960.20	973.71	968.04	974.32	0.001140	6.33	884.06	98.92	0.34
Reach-1	47727	10-50yrB	6285.00	960.20	974.50	968.68	975.24	0.001253	6.94	952.92	102.09	0.36
Reach-1	47720	Avg Annual	134.00	961.00	962.02	961.59	962.11	0.004163	2.37	56.45	61.42	0.44
Reach-1	47720	0.5-yr	1422.00	961.00	968.11	963.64	968.25	0.000766	2.99	481.69	80.46	0.21
Reach-1	47720	1-yr	1670.00	961.00	968.95	963.93	969.10	0.000733	3.07	550.38	83.31	0.20
Reach-1	47720	1.5-yr	1761.00	961.00	969.21	964.03	969.36	0.000741	3.11	571.99	84.43	0.20
Reach-1	47720	2-yr	2047.00	961.00	969.92	964.35	970.08	0.000782	3.26	632.63	87.63	0.20
Reach-1	47720	5-yr	3336.00	961.00	971.83	965.63	972.10	0.001132	4.11	809.06	96.34	0.24
Reach-1	47720	10-yr	4375.00	961.00	972.95	966.48	973.30	0.001381	4.73	918.62	100.39	0.26
Reach-1	47720	50-yr	7239.00	961.00	975.68	968.48	976.25	0.001746	5.89	1209.32	119.23	0.29
Reach-1	47720	100-yr	8721.00	961.00	976.66	969.41	977.35	0.001917	6.48	1340.85	149.63	0.31
Reach-1	47720	10-50yrA	5330.00	961.00	973.83	967.21	974.26	0.001590	5.22	1008.30	103.45	0.28
Reach-1	47720	10-50yrB	6285.00	961.00	974.65	967.88	975.16	0.001768	5.65	1094.49	106.30	0.29
Reach-1	47670	Avg Annual	134.00	960.29	961.83	961.26	961.92	0.003285	2.39	56.14	50.49	0.40
Reach-1	47670	0.5-yr	1422.00	960.29	968.05	963.61	968.19	0.001656	3.04	468.36	80.21	0.22
Reach-1	47670	1-yr	1670.00	960.29	968.89	963.92	969.04	0.001575	3.11	536.86	82.59	0.22
Reach-1	47670	1.5-yr	1761.00	960.29	969.15	964.04	969.31	0.001576	3.15	558.20	83.31	0.21
Reach-1	47670	2-yr	2047.00	960.29	969.85	964.35	970.02	0.001641	3.32	617.42	85.76	0.22
Reach-1	47670	5-yr	3336.00	960.29	971.74	965.61	972.02	0.002417	4.24	786.25	94.11	0.26
Reach-1	47670	10-yr	4375.00	960.29	972.82	966.50	973.20	0.003028	4.91	891.06	98.35	0.29
Reach-1	47670	50-yr	7239.00	960.29	975.55	968.56	976.11	0.004595	6.07	1223.53	228.33	0.33

Reach-1	47670	100-yr	8721.00	960.29	976.62	969.45	977.17	0.004124	6.10	1532.35	321.78	0.32
Reach-1	47670	10-50yrA	5330.00	960.29	973.68	967.26	974.14	0.003656	5.45	977.85	103.12	0.31
Reach-1	47670	10-50yrB	6285.00	960.29	974.49	967.95	975.03	0.004039	5.92	1061.48	107.02	0.33
Reach-1	47620	Avg Annual	134.00	960.00	961.61	961.10	961.72	0.004718	2.65	50.57	45.90	0.44
Reach-1	47620	0.5-yr	1422.00	960.00	967.96	963.52	968.12	0.001347	3.22	441.19	70.20	0.23
Reach-1	47620	1-yr	1670.00	960.00	968.80	963.84	968.97	0.001337	3.33	500.90	72.15	0.22
Reach-1	47620	1.5-yr	1761.00	960.00	969.05	963.95	969.23	0.001355	3.39	519.36	72.76	0.22
Reach-1	47620	2-yr	2047.00	960.00	969.74	964.28	969.94	0.001438	3.59	570.26	74.35	0.23
Reach-1	47620	5-yr	3336.00	960.00	971.55	965.57	971.90	0.002142	4.70	718.62	117.92	0.28
Reach-1	47620	10-yr	4375.00	960.00	972.60	966.48	973.05	0.002589	5.44	842.50	130.86	0.30
Reach-1	47620	50-yr	7239.00	960.00	975.30	968.60	975.91	0.003398	6.49	1223.63	252.04	0.34
Reach-1	47620	100-yr	8721.00	960.00	976.37	969.58	976.98	0.003137	6.62	1524.90	364.07	0.33
Reach-1	47620	10-50yrA	5330.00	960.00	973.42	967.25	973.97	0.003031	6.00	941.89	150.59	0.33
Reach-1	47620	10-50yrB	6285.00	960.00	974.20	967.96	974.83	0.003490	6.51	1045.57	192.93	0.35
Reach-1	47570	Avg Annual	134.00	958.11	961.59	959.83	961.62	0.000752	1.46	91.99	46.76	0.18
Reach-1	47570	0.5-yr	1422.00	958.11	967.91	962.70	968.06	0.001046	3.08	461.10	69.38	0.21
Reach-1	47570	1-yr	1670.00	958.11	968.75	963.07	968.91	0.001045	3.21	520.44	72.09	0.21
Reach-1	47570	1.5-yr	1761.00	958.11	969.00	963.19	969.17	0.001059	3.27	538.85	72.92	0.21
Reach-1	47570	2-yr	2047.00	958.11	969.69	963.55	969.88	0.001123	3.47	589.78	75.08	0.22
Reach-1	47570	5-yr	3336.00	958.11	971.49	964.96	971.80	0.001491	4.46	787.18	147.94	0.26
Reach-1	47570	10-yr	4375.00	958.11	972.56	965.93	972.92	0.001638	4.95	960.23	175.64	0.28
Reach-1	47570	50-yr	7239.00	958.11	975.38	968.25	975.74	0.001272	5.11	1586.40	310.33	0.25
Reach-1	47570	100-yr	8721.00	958.11	976.47	969.25	976.82	0.001127	5.08	1957.61	356.79	0.24
Reach-1	47570	10-50yrA	5330.00	958.11	973.43	966.76	973.82	0.001657	5.22	1122.02	200.25	0.28
Reach-1	47570	10-50yrB	6285.00	958.11	974.26	967.54	974.66	0.001575	5.35	1300.02	228.61	0.28
Reach-1	47520	Avg Annual	134.00	957.03	961.57	958.93	961.59	0.000375	1.10	122.22	51.72	0.13
Reach-1	47520	0.5-yr	1422.00	957.03	967.87	962.09	967.99	0.001076	2.81	506.72	70.92	0.19
Reach-1	47520	1-yr	1670.00	957.03	968.71	962.42	968.84	0.001116	2.94	567.22	73.39	0.19
Reach-1	47520	1.5-yr	1761.00	957.03	968.96	962.54	969.10	0.001142	3.01	585.90	74.08	0.19
Reach-1	47520	2-yr	2047.00	957.03	969.65	962.89	969.81	0.001213	3.20	651.04	125.44	0.19
Reach-1	47520	5-yr	3336.00	957.03	971.48	964.23	971.69	0.001553	3.85	935.59	177.49	0.22
Reach-1	47520	10-yr	4375.00	957.03	972.57	965.22	972.81	0.001727	4.09	1148.34	226.90	0.23
Reach-1	47520	50-yr	7239.00	957.03	975.41	967.53	975.65	0.001183	4.00	1889.41	306.86	0.20
Reach-1	47520	100-yr	8721.00	957.03	976.48	968.53	976.74	0.001048	3.97	2268.81	392.98	0.19
Reach-1	47520	10-50yrA	5330.00	957.03	973.45	966.05	973.70	0.001636	4.21	1357.66	247.27	0.22
Reach-1	47520	10-50yrB	6285.00	957.03	974.28	966.81	974.54	0.001511	4.25	1570.75	265.77	0.22
Reach-1	47470	Avg Annual	134.00	959.00	961.52	960.01	961.56	0.001060	1.61	83.11	41.03	0.20
Reach-1	47470	0.5-yr	1422.00	959.00	967.73	962.87	967.91	0.002198	3.44	413.83	68.64	0.25
Reach-1	47470	1-yr	1670.00	959.00	968.56	963.25	968.76	0.002767	3.51	475.90	84.92	0.26
Reach-1	47470	1.5-yr	1761.00	959.00	968.82	963.38	969.01	0.002716	3.54	498.72	93.73	0.26
Reach-1	47470	2-yr	2047.00	959.00	969.52	963.80	969.72	0.002582	3.62	574.57	129.68	0.25
Reach-1	47470	5-yr	3336.00	959.00	971.40	965.37	971.60	0.002182	3.70	951.41	222.90	0.24
Reach-1	47470	10-yr	4375.00	959.00	972.49	966.45	972.71	0.001856	3.73	1206.89	247.09	0.22
Reach-1	47470	50-yr	7239.00	959.00	975.36	970.21	975.59	0.001093	3.46	2002.20	295.02	0.18
Reach-1	47470	100-yr	8721.00	959.00	976.44	970.83	976.69	0.001044	3.59	2330.40	337.33	0.18
Reach-1	47470	10-50yrA	5330.00	959.00	973.37	967.34	973.61	0.001650	3.75	1434.81	268.69	0.21
Reach-1	47470	10-50yrB	6285.00	959.00	974.22	968.38	974.46	0.001456	3.73	1669.93	285.76	0.20



Reach-1	47420	Avg Annual	134.00	959.00	961.46	960.04	961.51	0.001141	1.71	78.35	41.60	0.22
Reach-1	47420	0.5-yr	1422.00	959.00	967.62	962.91	967.82	0.001565	3.59	396.56	67.37	0.26
Reach-1	47420	1-yr	1670.00	959.00	968.44	963.28	968.65	0.001715	3.64	466.89	105.86	0.26
Reach-1	47420	1.5-yr	1761.00	959.00	968.70	963.41	968.91	0.001730	3.65	495.81	117.12	0.26
Reach-1	47420	2-yr	2047.00	959.00	969.40	963.80	969.60	0.002273	3.60	595.31	170.70	0.27
Reach-1	47420	5-yr	3336.00	959.00	971.31	965.35	971.50	0.001584	3.67	985.29	232.72	0.24
Reach-1	47420	10-yr	4375.00	959.00	972.42	966.48	972.62	0.001428	3.83	1260.53	267.96	0.23
Reach-1	47420	50-yr	7239.00	959.00	975.34	969.88	975.52	0.000929	3.77	2211.34	379.60	0.20
Reach-1	47420	100-yr	8721.00	959.00	976.43	970.47	976.61	0.000861	3.86	2645.57	425.09	0.19
Reach-1	47420	10-50yrA	5330.00	959.00	973.31	967.46	973.52	0.001329	3.96	1516.44	303.43	0.23
Reach-1	47420	10-50yrB	6285.00	959.00	974.17	969.39	974.38	0.001209	4.00	1791.38	337.42	0.22
Reach-1	47370	Avg Annual	134.00	959.00	961.40	959.98	961.45	0.001119	1.70	79.04	40.49	0.21
Reach-1	47370	0.5-yr	1422.00	959.00	967.55	962.86	967.74	0.001427	3.52	417.64	106.53	0.25
Reach-1	47370	1-yr	1670.00	959.00	968.39	963.23	968.57	0.001252	3.47	524.87	161.39	0.23
Reach-1	47370	1.5-yr	1761.00	959.00	968.65	963.36	968.82	0.001190	3.45	570.68	184.51	0.23
Reach-1	47370	2-yr	2047.00	959.00	969.35	963.76	969.50	0.001177	3.27	721.85	241.79	0.21
Reach-1	47370	5-yr	3336.00	959.00	971.31	965.30	971.42	0.000801	2.93	1288.80	321.42	0.18
Reach-1	47370	10-yr	4375.00	959.00	972.43	966.36	972.54	0.000661	2.89	1665.45	349.46	0.16
Reach-1	47370	50-yr	7239.00	959.00	975.36	969.62	975.47	0.000404	2.69	2796.65	423.23	0.13
Reach-1	47370	100-yr	8721.00	959.00	976.45	970.10	976.56	0.000388	2.79	3273.95	462.54	0.13
Reach-1	47370	10-50yrA	5330.00	959.00	973.34	968.01	973.45	0.000584	2.88	1991.24	372.01	0.16
Reach-1	47370	10-50yrB	6285.00	959.00	974.20	969.52	974.31	0.000521	2.87	2320.79	393.77	0.15
Reach-1	47320	Avg Annual	134.00	959.00	961.35	959.85	961.39	0.001094	1.59	84.12	42.91	0.20
Reach-1	47320	0.5-yr	1422.00	959.00	967.48	962.68	967.65	0.002092	3.38	430.67	108.99	0.25
Reach-1	47320	1-yr	1670.00	959.00	968.32	963.04	968.48	0.002035	3.28	542.15	154.78	0.24
Reach-1	47320	1.5-yr	1761.00	959.00	968.59	963.17	968.74	0.001996	3.23	585.68	169.23	0.23
Reach-1	47320	2-yr	2047.00	959.00	969.29	963.54	969.42	0.002041	3.06	719.53	213.75	0.23
Reach-1	47320	5-yr	3336.00	959.00	971.26	965.05	971.37	0.001319	2.68	1317.40	363.49	0.18
Reach-1	47320	10-yr	4375.00	959.00	972.40	966.10	972.50	0.000985	2.57	1747.75	395.54	0.16
Reach-1	47320	50-yr	7239.00	959.00	975.35	969.37	975.44	0.000527	2.33	3038.36	474.69	0.13
Reach-1	47320	100-yr	8721.00	959.00	976.44	969.95	976.54	0.000488	2.39	3572.04	509.37	0.12
Reach-1	47320	10-50yrA	5330.00	959.00	973.31	967.94	973.41	0.000828	2.54	2120.15	423.20	0.15
Reach-1	47320	10-50yrB	6285.00	959.00	974.18	968.91	974.28	0.000711	2.51	2497.99	448.17	0.14
Reach-1	47270	Avg Annual	134.00	959.00	961.30	960.00	961.34	0.001135	1.54	87.01	49.24	0.20
Reach-1	47270	0.5-yr	1422.00	959.00	967.42	962.51	967.56	0.001409	3.05	513.76	134.54	0.21
Reach-1	47270	1-yr	1670.00	959.00	968.27	962.84	968.38	0.001411	2.89	681.89	243.37	0.20
Reach-1	47270	1.5-yr	1761.00	959.00	968.54	962.96	968.64	0.001442	2.78	750.72	262.14	0.20
Reach-1	47270	2-yr	2047.00	959.00	969.25	963.32	969.33	0.001174	2.59	955.84	319.61	0.18
Reach-1	47270	5-yr	3336.00	959.00	971.24	964.72	971.31	0.000693	2.39	1666.71	388.98	0.15
Reach-1	47270	10-yr	4375.00	959.00	972.39	965.66	972.46	0.000588	2.40	2131.27	423.08	0.14
Reach-1	47270	50-yr	7239.00	959.00	975.34	968.82	975.41	0.000376	2.30	3487.30	490.40	0.11
Reach-1	47270	100-yr	8721.00	959.00	976.43	969.34	976.51	0.000360	2.38	4030.45	512.08	0.11
Reach-1	47270	10-50yrA	5330.00	959.00	973.30	967.09	973.37	0.000528	2.42	2527.68	445.45	0.13
Reach-1	47270	10-50yrB	6285.00	959.00	974.17	968.59	974.25	0.000478	2.42	2923.55	466.72	0.13
Reach-1	47220	Avg Annual	134.00	958.00	961.28	959.31	961.30	0.000439	1.19	112.77	52.15	0.14
Reach-1	47220	0.5-yr	1422.00	958.00	967.37	961.97	967.50	0.000927	2.86	497.12	83.53	0.21

Reach-1	47220	1-yr	1670.00	958.00	968.19	962.31	968.32	0.001128	2.87	596.44	161.07	0.22
Reach-1	47220	1.5-yr	1761.00	958.00	968.45	962.43	968.58	0.001058	2.87	642.35	190.35	0.21
Reach-1	47220	2-yr	2047.00	958.00	969.15	962.78	969.28	0.000907	2.87	804.08	264.62	0.20
Reach-1	47220	5-yr	3336.00	958.00	971.16	964.16	971.28	0.000683	2.98	1451.30	362.85	0.18
Reach-1	47220	10-yr	4375.00	958.00	972.31	965.09	972.42	0.000621	3.09	1891.80	403.09	0.18
Reach-1	47220	50-yr	7239.00	958.00	975.29	968.29	975.39	0.000428	3.08	3187.35	459.96	0.15
Reach-1	47220	100-yr	8721.00	958.00	976.38	969.38	976.49	0.000418	3.21	3701.96	489.62	0.15
Reach-1	47220	10-50yrA	5330.00	958.00	973.23	965.85	973.34	0.000577	3.17	2274.24	426.69	0.17
Reach-1	47220	10-50yrB	6285.00	958.00	974.10	966.58	974.22	0.000532	3.21	2653.48	440.38	0.17
Reach-1	47170	Avg Annual	134.00	957.84	961.27	958.81	961.28	0.000173	0.95	140.55	47.98	0.10
Reach-1	47170	0.5-yr	1422.00	957.84	967.32	961.35	967.45	0.001057	2.86	500.40	114.35	0.21
Reach-1	47170	1-yr	1670.00	957.84	968.14	961.69	968.26	0.001262	2.84	629.76	203.80	0.22
Reach-1	47170	1.5-yr	1761.00	957.84	968.40	961.82	968.52	0.001329	2.80	687.97	237.27	0.22
Reach-1	47170	2-yr	2047.00	957.84	969.12	962.19	969.22	0.001113	2.69	879.48	289.77	0.21
Reach-1	47170	5-yr	3336.00	957.84	971.14	963.71	971.23	0.000759	2.62	1528.77	352.80	0.18
Reach-1	47170	10-yr	4375.00	957.84	972.29	964.78	972.38	0.000659	2.71	1947.28	377.55	0.17
Reach-1	47170	50-yr	7239.00	957.84	975.27	968.70	975.36	0.000441	2.76	3245.58	492.71	0.15
Reach-1	47170	100-yr	8721.00	957.84	976.37	969.32	976.46	0.000419	2.87	3805.40	531.31	0.15
Reach-1	47170	10-50yrA	5330.00	957.84	973.21	965.86	973.30	0.000608	2.81	2309.55	412.39	0.17
Reach-1	47170	10-50yrB	6285.00	957.84	974.08	966.78	974.18	0.000558	2.87	2685.51	446.83	0.16
Reach-1	47120	Avg Annual	134.00	956.00	961.26	957.63	961.27	0.000149	0.82	163.58	51.56	0.08
Reach-1	47120	0.5-yr	1422.00	956.00	967.29	960.92	967.40	0.000706	2.62	546.80	95.20	0.18
Reach-1	47120	1-yr	1670.00	956.00	968.10	961.26	968.21	0.000695	2.72	633.43	115.69	0.18
Reach-1	47120	1.5-yr	1761.00	956.00	968.35	961.38	968.47	0.000685	2.76	663.62	118.35	0.18
Reach-1	47120	2-yr	2047.00	956.00	969.05	961.77	969.17	0.000679	2.89	751.69	160.44	0.18
Reach-1	47120	5-yr	3336.00	956.00	971.00	963.20	971.18	0.000785	3.48	1135.86	232.20	0.20
Reach-1	47120	10-yr	4375.00	956.00	972.13	964.24	972.33	0.000872	3.81	1423.36	290.11	0.22
Reach-1	47120	50-yr	7239.00	956.00	975.13	966.81	975.32	0.000670	4.00	2529.96	453.89	0.20
Reach-1	47120	100-yr	8721.00	956.00	976.23	968.06	976.42	0.000632	4.11	3048.76	488.31	0.20
Reach-1	47120	10-50yrA	5330.00	956.00	973.04	965.11	973.25	0.000865	4.02	1710.63	333.13	0.22
Reach-1	47120	10-50yrB	6285.00	956.00	973.91	965.95	974.13	0.000829	4.16	2020.06	379.55	0.22
Reach-1	47070	Avg Annual	134.00	957.54	961.22	959.26	961.26	0.000601	1.50	89.05	42.83	0.18
Reach-1	47070	0.5-yr	1422.00	957.54	967.14	962.42	967.34	0.001742	3.52	403.85	77.56	0.27
Reach-1	47070	1-yr	1670.00	957.54	967.96	962.79	968.15	0.001743	3.52	483.41	126.93	0.27
Reach-1	47070	1.5-yr	1761.00	957.54	968.22	962.93	968.41	0.001651	3.53	519.69	146.16	0.26
Reach-1	47070	2-yr	2047.00	957.54	968.93	963.31	969.12	0.001468	3.58	639.34	195.05	0.25
Reach-1	47070	5-yr	3336.00	957.54	970.92	964.85	971.13	0.001241	3.89	1149.15	286.85	0.24
Reach-1	47070	10-yr	4375.00	957.54	972.06	965.89	972.28	0.001183	4.10	1485.96	303.70	0.24
Reach-1	47070	50-yr	7239.00	957.54	975.08	969.02	975.28	0.000927	4.23	2472.78	357.60	0.22
Reach-1	47070	100-yr	8721.00	957.54	976.17	970.11	976.38	0.000895	4.41	2915.18	440.41	0.22
Reach-1	47070	10-50yrA	5330.00	957.54	972.98	967.29	973.20	0.001146	4.27	1770.84	317.27	0.24
Reach-1	47070	10-50yrB	6285.00	957.54	973.86	968.20	974.08	0.001099	4.40	2054.87	330.32	0.24
Reach-1	47020	Avg Annual	134.00	958.82	961.13	960.20	961.21	0.001754	2.15	62.27	40.82	0.31
Reach-1	47020	0.5-yr	1422.00	958.82	967.00	962.95	967.25	0.001676	3.96	359.07	64.48	0.30
Reach-1	47020	1-yr	1670.00	958.82	967.80	963.31	968.06	0.001682	4.05	412.51	69.09	0.29
Reach-1	47020	1.5-yr	1761.00	958.82	968.06	963.44	968.32	0.001708	4.09	432.03	82.95	0.29
Reach-1	47020	2-yr	2047.00	958.82	968.74	963.82	969.02	0.002408	4.20	506.63	136.27	0.32

Reach-1	47020	5-yr	3336.00	958.82	970.73	965.32	971.02	0.002090	4.52	903.49	232.91	0.30
Reach-1	47020	10-yr	4375.00	958.82	971.86	966.50	972.16	0.001937	4.78	1180.75	256.24	0.30
Reach-1	47020	50-yr	7239.00	958.82	974.90	969.76	975.18	0.001430	4.84	2048.04	320.46	0.27
Reach-1	47020	100-yr	8721.00	958.82	975.99	970.46	976.29	0.001341	5.00	2450.79	411.59	0.27
Reach-1	47020	10-50yrA	5330.00	958.82	972.77	967.43	973.09	0.001834	4.97	1421.57	272.59	0.29
Reach-1	47020	10-50yrB	6285.00	958.82	973.64	969.00	973.97	0.001718	5.10	1667.28	288.26	0.29
Reach-1	46970	Avg Annual	134.00	959.00	961.05	960.28	961.11	0.001901	1.98	67.79	51.53	0.30
Reach-1	46970	0.5-yr	1422.00	959.00	966.97	962.59	967.15	0.001283	3.44	412.77	73.18	0.26
Reach-1	46970	1-yr	1670.00	959.00	967.77	962.91	967.96	0.001346	3.50	484.75	104.06	0.25
Reach-1	46970	1.5-yr	1761.00	959.00	968.03	963.03	968.22	0.001384	3.52	513.00	114.66	0.25
Reach-1	46970	2-yr	2047.00	959.00	968.71	963.37	968.90	0.001332	3.60	610.64	187.59	0.25
Reach-1	46970	5-yr	3336.00	959.00	970.72	964.72	970.92	0.001052	3.79	1034.92	228.95	0.23
Reach-1	46970	10-yr	4375.00	959.00	971.86	965.67	972.07	0.000993	3.97	1307.24	249.98	0.23
Reach-1	46970	50-yr	7239.00	959.00	974.91	969.13	975.11	0.000727	3.94	2157.98	310.73	0.21
Reach-1	46970	100-yr	8721.00	959.00	976.01	969.82	976.21	0.000686	4.07	2557.21	410.70	0.20
Reach-1	46970	10-50yrA	5330.00	959.00	972.78	966.72	972.99	0.000950	4.11	1544.16	266.96	0.23
Reach-1	46970	10-50yrB	6285.00	959.00	973.66	967.87	973.88	0.000893	4.18	1786.44	283.01	0.22
Reach-1	46920	Avg Annual	134.00	959.00	961.01	959.90	961.04	0.000813	1.44	93.28	60.61	0.20
Reach-1	46920	0.5-yr	1422.00	959.00	966.96	962.05	967.10	0.000655	2.97	479.45	70.75	0.20
Reach-1	46920	1-yr	1670.00	959.00	967.75	962.34	967.90	0.000853	3.10	538.99	81.42	0.21
Reach-1	46920	1.5-yr	1761.00	959.00	968.00	962.44	968.16	0.000926	3.14	560.15	85.39	0.22
Reach-1	46920	2-yr	2047.00	959.00	968.66	962.75	968.83	0.001138	3.30	619.46	95.71	0.23
Reach-1	46920	5-yr	3336.00	959.00	970.62	964.01	970.86	0.001207	3.95	912.17	185.97	0.24
Reach-1	46920	10-yr	4375.00	959.00	971.73	964.88	972.00	0.001233	4.31	1129.51	205.35	0.25
Reach-1	46920	50-yr	7239.00	959.00	974.78	967.09	975.05	0.000991	4.54	1839.35	269.67	0.24
Reach-1	46920	100-yr	8721.00	959.00	975.87	968.46	976.16	0.000959	4.73	2186.33	369.11	0.24
Reach-1	46920	10-50yrA	5330.00	959.00	972.63	965.63	972.92	0.001230	4.55	1321.79	221.17	0.25
Reach-1	46920	10-50yrB	6285.00	959.00	973.51	966.33	973.81	0.001189	4.70	1521.73	236.36	0.25
Reach-1	46870	Avg Annual	134.00	959.38	960.87	960.34	960.96	0.004020	2.44	54.92	53.63	0.42
Reach-1	46870	0.5-yr	1422.00	959.38	966.87	962.60	967.05	0.001107	3.36	423.13	70.86	0.24
Reach-1	46870	1-yr	1670.00	959.38	967.66	962.90	967.84	0.001191	3.48	480.43	75.88	0.24
Reach-1	46870	1.5-yr	1761.00	959.38	967.91	963.01	968.10	0.001225	3.52	499.59	77.51	0.24
Reach-1	46870	2-yr	2047.00	959.38	968.55	963.34	968.77	0.001278	3.72	550.76	79.81	0.25
Reach-1	46870	5-yr	3336.00	959.38	970.43	964.66	970.77	0.001738	4.73	705.80	85.78	0.29
Reach-1	46870	10-yr	4375.00	959.38	971.43	965.60	971.90	0.002187	5.51	793.53	89.05	0.33
Reach-1	46870	50-yr	7239.00	959.38	974.25	967.93	974.93	0.003793	6.67	1135.33	190.08	0.39
Reach-1	46870	100-yr	8721.00	959.38	975.31	968.86	976.04	0.003726	6.98	1356.51	260.10	0.40
Reach-1	46870	10-50yrA	5330.00	959.38	972.22	966.42	972.81	0.002608	6.16	865.31	92.23	0.35
Reach-1	46870	10-50yrB	6285.00	959.38	972.99	967.21	973.69	0.003018	6.70	945.21	118.35	0.38
Reach-1	46820	Avg Annual	134.00	959.00	960.78	959.94	960.83	0.001593	1.79	74.84	58.50	0.28
Reach-1	46820	0.5-yr	1422.00	959.00	966.85	962.12	966.99	0.000800	3.07	462.93	71.14	0.21
Reach-1	46820	1-yr	1670.00	959.00	967.62	962.42	967.78	0.000858	3.21	519.57	74.75	0.21
Reach-1	46820	1.5-yr	1761.00	959.00	967.87	962.52	968.04	0.000884	3.27	538.26	76.01	0.22
Reach-1	46820	2-yr	2047.00	959.00	968.52	962.85	968.71	0.000975	3.48	588.42	79.58	0.23
Reach-1	46820	5-yr	3336.00	959.00	970.37	964.11	970.68	0.001429	4.47	746.01	88.91	0.27
Reach-1	46820	10-yr	4375.00	959.00	971.36	965.01	971.79	0.001812	5.23	835.79	92.36	0.31
Reach-1	46820	50-yr	7239.00	959.00	974.10	967.22	974.76	0.002944	6.54	1113.98	142.38	0.37

Reach-1	46820	100-yr	8721.00	959.00	975.12	968.26	975.84	0.004071	6.89	1351.47	327.08	0.40
Reach-1	46820	10-50yrA	5330.00	959.00	972.14	965.78	972.68	0.002149	5.86	908.89	94.94	0.33
Reach-1	46820	10-50yrB	6285.00	959.00	972.90	966.51	973.54	0.002446	6.40	981.43	97.54	0.36
Reach-1	46770	Avg Annual	134.00	959.00	960.72	959.71	960.76	0.000961	1.55	86.40	56.51	0.22
Reach-1	46770	0.5-yr	1422.00	959.00	966.81	961.89	966.95	0.000941	3.03	470.08	74.23	0.21
Reach-1	46770	1-yr	1670.00	959.00	967.58	962.20	967.74	0.000950	3.16	528.58	76.65	0.21
Reach-1	46770	1.5-yr	1761.00	959.00	967.83	962.31	967.99	0.000962	3.22	547.62	77.43	0.21
Reach-1	46770	2-yr	2047.00	959.00	968.47	962.63	968.65	0.001036	3.42	598.11	80.14	0.22
Reach-1	46770	5-yr	3336.00	959.00	970.30	963.94	970.61	0.001507	4.43	752.52	88.34	0.27
Reach-1	46770	10-yr	4375.00	959.00	971.27	964.88	971.69	0.001989	5.20	840.70	93.78	0.31
Reach-1	46770	50-yr	7239.00	959.00	973.97	967.16	974.60	0.002960	6.42	1152.42	203.35	0.37
Reach-1	46770	100-yr	8721.00	959.00	974.98	968.12	975.63	0.003597	6.62	1411.55	307.81	0.38
Reach-1	46770	10-50yrA	5330.00	959.00	972.03	965.78	972.56	0.002424	5.83	913.85	98.22	0.34
Reach-1	46770	10-50yrB	6285.00	959.00	972.77	966.51	973.40	0.002804	6.36	988.17	102.70	0.36
Reach-1	46720	Avg Annual	134.00	958.27	960.69	959.49	960.72	0.000700	1.46	91.66	53.50	0.20
Reach-1	46720	0.5-yr	1422.00	958.27	966.76	961.79	966.90	0.000971	2.95	481.88	83.30	0.22
Reach-1	46720	1-yr	1670.00	958.27	967.54	962.11	967.69	0.001010	3.04	549.87	90.41	0.22
Reach-1	46720	1.5-yr	1761.00	958.27	967.79	962.22	967.94	0.001013	3.08	572.53	92.27	0.22
Reach-1	46720	2-yr	2047.00	958.27	968.43	962.54	968.60	0.001067	3.23	633.58	98.05	0.22
Reach-1	46720	5-yr	3336.00	958.27	970.28	963.97	970.52	0.001371	3.95	869.85	161.55	0.26
Reach-1	46720	10-yr	4375.00	958.27	971.27	964.91	971.57	0.001525	4.44	1036.16	172.55	0.27
Reach-1	46720	50-yr	7239.00	958.27	974.06	967.24	974.42	0.001459	5.01	1568.86	220.19	0.27
Reach-1	46720	100-yr	8721.00	958.27	975.02	968.14	975.44	0.001841	5.49	1794.65	325.91	0.29
Reach-1	46720	10-50yrA	5330.00	958.27	972.07	965.65	972.41	0.001632	4.80	1176.61	181.21	0.28
Reach-1	46720	10-50yrB	6285.00	958.27	972.84	966.50	973.22	0.001680	5.07	1320.87	189.71	0.29
Reach-1	46670	Avg Annual	134.00	957.43	960.66	958.89	960.69	0.000430	1.36	98.77	43.97	0.16
Reach-1	46670	0.5-yr	1422.00	957.43	966.68	961.63	966.84	0.001217	3.26	436.77	68.86	0.23
Reach-1	46670	1-yr	1670.00	957.43	967.45	962.00	967.63	0.001167	3.40	493.11	79.66	0.23
Reach-1	46670	1.5-yr	1761.00	957.43	967.69	962.13	967.88	0.001162	3.47	513.12	83.67	0.23
Reach-1	46670	2-yr	2047.00	957.43	968.32	962.58	968.53	0.001196	3.69	568.92	93.18	0.23
Reach-1	46670	5-yr	3336.00	957.43	970.10	964.05	970.44	0.001542	4.71	788.42	174.90	0.27
Reach-1	46670	10-yr	4375.00	957.43	971.08	965.10	971.48	0.001739	5.28	963.28	183.78	0.30
Reach-1	46670	50-yr	7239.00	957.43	973.92	967.39	974.34	0.001545	5.69	1523.02	210.02	0.29
Reach-1	46670	100-yr	8721.00	957.43	974.88	968.55	975.35	0.001604	6.09	1735.68	235.92	0.30
Reach-1	46670	10-50yrA	5330.00	957.43	971.87	965.92	972.31	0.001854	5.67	1110.92	191.09	0.31
Reach-1	46670	10-50yrB	6285.00	957.43	972.65	966.67	973.12	0.001879	5.93	1263.43	198.27	0.31
Reach-1	46620	Avg Annual	134.00	957.39	960.64	958.72	960.67	0.000467	1.39	96.46	44.59	0.17
Reach-1	46620	0.5-yr	1422.00	957.39	966.60	961.67	966.78	0.001096	3.45	412.58	60.46	0.23
Reach-1	46620	1-yr	1670.00	957.39	967.36	962.03	967.57	0.001173	3.63	459.49	62.76	0.24
Reach-1	46620	1.5-yr	1761.00	957.39	967.60	962.16	967.82	0.001217	3.71	474.78	63.70	0.24
Reach-1	46620	2-yr	2047.00	957.39	968.22	962.55	968.47	0.001398	3.98	514.85	66.32	0.25
Reach-1	46620	5-yr	3336.00	957.39	969.92	964.07	970.32	0.002942	5.14	679.90	163.11	0.33
Reach-1	46620	10-yr	4375.00	957.39	970.90	965.08	971.35	0.003061	5.58	870.44	198.62	0.34
Reach-1	46620	50-yr	7239.00	957.39	973.82	967.50	974.22	0.002028	5.45	1478.11	233.81	0.29
Reach-1	46620	100-yr	8721.00	957.39	974.79	968.66	975.22	0.001956	5.66	1719.06	263.81	0.29
Reach-1	46620	10-50yrA	5330.00	957.39	971.71	965.93	972.18	0.002958	5.79	1031.87	199.60	0.34
Reach-1	46620	10-50yrB	6285.00	957.39	972.51	966.72	972.99	0.002762	5.89	1192.48	201.74	0.33

Reach-1	46570	Avg Annual	134.00	957.43	960.60	958.82	960.64	0.000591	1.55	86.28	40.53	0.19
Reach-1	46570	0.5-yr	1422.00	957.43	966.53	961.89	966.72	0.001336	3.53	402.93	65.32	0.25
Reach-1	46570	1-yr	1670.00	957.43	967.29	962.27	967.50	0.001593	3.67	454.74	71.64	0.26
Reach-1	46570	1.5-yr	1761.00	957.43	967.53	962.40	967.75	0.001718	3.73	472.28	74.32	0.26
Reach-1	46570	2-yr	2047.00	957.43	968.14	962.80	968.38	0.002047	3.94	519.67	80.34	0.27
Reach-1	46570	5-yr	3336.00	957.43	969.81	964.33	970.17	0.002632	4.91	747.78	224.47	0.31
Reach-1	46570	10-yr	4375.00	957.43	970.80	965.36	971.19	0.002598	5.26	972.10	228.10	0.32
Reach-1	46570	50-yr	7239.00	957.43	973.77	967.92	974.11	0.001715	5.14	1667.52	242.68	0.27
Reach-1	46570	100-yr	8721.00	957.43	974.74	970.16	975.11	0.001734	5.37	1908.82	254.79	0.28
Reach-1	46570	10-50yrA	5330.00	957.43	971.62	966.20	972.02	0.002491	5.45	1160.56	230.90	0.31
Reach-1	46570	10-50yrB	6285.00	957.43	972.44	967.06	972.84	0.002315	5.53	1350.33	233.68	0.31
Reach-1	46520	Avg Annual	134.00	957.00	960.59	958.40	960.62	0.000377	1.37	97.83	39.01	0.15
Reach-1	46520	0.5-yr	1422.00	957.00	966.46	961.60	966.67	0.000905	3.61	393.64	61.61	0.25
Reach-1	46520	1-yr	1670.00	957.00	967.21	962.00	967.44	0.000981	3.78	441.85	67.80	0.26
Reach-1	46520	1.5-yr	1761.00	957.00	967.45	962.14	967.68	0.001029	3.84	458.15	70.74	0.27
Reach-1	46520	2-yr	2047.00	957.00	968.05	962.56	968.30	0.001143	4.07	502.64	78.18	0.28
Reach-1	46520	5-yr	3336.00	957.00	969.65	964.16	970.07	0.001477	5.24	684.45	152.79	0.33
Reach-1	46520	10-yr	4375.00	957.00	970.52	965.24	971.06	0.001746	6.03	844.47	225.17	0.36
Reach-1	46520	50-yr	7239.00	957.00	973.51	967.99	974.01	0.001407	6.20	1543.19	252.60	0.33
Reach-1	46520	100-yr	8721.00	957.00	974.48	969.45	975.00	0.001468	6.48	1795.78	266.85	0.34
Reach-1	46520	10-50yrA	5330.00	957.00	971.29	966.14	971.89	0.001826	6.45	1018.71	228.05	0.37
Reach-1	46520	10-50yrB	6285.00	957.00	972.09	967.08	972.71	0.001793	6.67	1202.65	231.25	0.37
Reach-1	46470	Avg Annual	134.00	957.00	960.57	958.29	960.60	0.000346	1.32	101.76	39.06	0.14
Reach-1	46470	0.5-yr	1422.00	957.00	966.41	961.47	966.61	0.001450	3.51	404.88	64.43	0.25
Reach-1	46470	1-yr	1670.00	957.00	967.16	961.86	967.37	0.001653	3.67	455.26	70.20	0.25
Reach-1	46470	1.5-yr	1761.00	957.00	967.39	961.99	967.61	0.001691	3.73	471.77	71.42	0.26
Reach-1	46470	2-yr	2047.00	957.00	967.98	962.40	968.23	0.001852	3.98	516.51	93.74	0.27
Reach-1	46470	5-yr	3336.00	957.00	969.63	964.03	969.94	0.002238	4.69	849.82	230.41	0.29
Reach-1	46470	10-yr	4375.00	957.00	970.56	965.11	970.89	0.002384	5.02	1070.35	242.42	0.30
Reach-1	46470	50-yr	7239.00	957.00	973.58	967.65	973.85	0.001505	4.73	1936.43	313.87	0.24
Reach-1	46470	100-yr	8721.00	957.00	974.56	969.74	974.84	0.001462	4.91	2249.18	327.69	0.24
Reach-1	46470	10-50yrA	5330.00	957.00	971.36	965.97	971.70	0.002381	5.15	1275.37	277.05	0.30
Reach-1	46470	10-50yrB	6285.00	957.00	972.18	966.91	972.51	0.002155	5.19	1510.40	291.04	0.29
Reach-1	46420	Avg Annual	134.00	958.00	960.56	958.87	960.58	0.000365	1.23	108.98	49.75	0.15
Reach-1	46420	0.5-yr	1422.00	958.00	966.38	961.30	966.54	0.000810	3.23	452.18	118.60	0.23
Reach-1	46420	1-yr	1670.00	958.00	967.14	961.64	967.30	0.000815	3.28	560.40	170.65	0.23
Reach-1	46420	1.5-yr	1761.00	958.00	967.37	961.76	967.54	0.000825	3.29	602.35	182.02	0.24
Reach-1	46420	2-yr	2047.00	958.00	967.98	962.11	968.15	0.000769	3.36	728.79	224.97	0.23
Reach-1	46420	5-yr	3336.00	958.00	969.65	963.56	969.84	0.000755	3.87	1153.86	286.49	0.24
Reach-1	46420	10-yr	4375.00	958.00	970.57	964.62	970.79	0.000789	4.24	1433.59	319.46	0.25
Reach-1	46420	50-yr	7239.00	958.00	973.59	967.98	973.78	0.000522	4.17	2518.13	385.14	0.21
Reach-1	46420	100-yr	8721.00	958.00	974.57	968.71	974.77	0.000514	4.36	2900.37	396.22	0.21
Reach-1	46420	10-50yrA	5330.00	958.00	971.36	965.67	971.60	0.000784	4.47	1696.45	344.49	0.25
Reach-1	46420	10-50yrB	6285.00	958.00	972.18	967.32	972.42	0.000737	4.56	1987.33	365.90	0.24
Reach-1	46370	Avg Annual	134.00	958.00	960.53	958.97	960.56	0.000536	1.39	96.51	49.41	0.18
Reach-1	46370	0.5-yr	1422.00	958.00	966.35	961.56	966.50	0.000895	3.12	459.98	116.69	0.24



Reach-1	46370	1-yr	1670.00	958.00	967.10	961.90	967.25	0.000864	3.12	573.31	185.23	0.24
Reach-1	46370	1.5-yr	1761.00	958.00	967.34	962.02	967.49	0.000817	3.12	620.73	210.90	0.23
Reach-1	46370	2-yr	2047.00	958.00	967.96	962.36	968.10	0.000731	3.15	770.95	277.67	0.22
Reach-1	46370	5-yr	3336.00	958.00	969.65	963.77	969.80	0.000607	3.37	1315.25	337.82	0.21
Reach-1	46370	10-yr	4375.00	958.00	970.58	964.82	970.74	0.000597	3.60	1634.15	346.22	0.21
Reach-1	46370	50-yr	7239.00	958.00	973.61	968.09	973.75	0.000398	3.58	2727.55	381.32	0.18
Reach-1	46370	100-yr	8721.00	958.00	974.58	968.73	974.74	0.000403	3.79	3106.68	396.79	0.19
Reach-1	46370	10-50yrA	5330.00	958.00	971.38	965.87	971.54	0.000579	3.75	1912.54	353.61	0.21
Reach-1	46370	10-50yrB	6285.00	958.00	972.20	967.14	972.37	0.000542	3.83	2205.71	361.23	0.21
Reach-1	46320	Avg Annual	134.00	958.00	960.49	959.15	960.53	0.000699	1.44	92.99	51.99	0.19
Reach-1	46320	0.5-yr	1422.00	958.00	966.30	961.56	966.45	0.001146	3.15	480.80	194.79	0.23
Reach-1	46320	1-yr	1670.00	958.00	967.07	961.90	967.20	0.001027	3.07	647.90	237.64	0.21
Reach-1	46320	1.5-yr	1761.00	958.00	967.31	962.02	967.44	0.001052	3.02	707.56	250.37	0.21
Reach-1	46320	2-yr	2047.00	958.00	967.94	962.36	968.05	0.001158	2.88	881.56	305.57	0.20
Reach-1	46320	5-yr	3336.00	958.00	969.65	963.77	969.75	0.000849	2.86	1510.23	385.29	0.18
Reach-1	46320	10-yr	4375.00	958.00	970.59	964.78	970.69	0.000815	3.02	1884.60	421.49	0.18
Reach-1	46320	50-yr	7239.00	958.00	973.62	967.84	973.71	0.000486	2.83	3394.43	573.78	0.14
Reach-1	46320	100-yr	8721.00	958.00	974.61	968.45	974.70	0.000460	2.90	3980.55	610.53	0.14
Reach-1	46320	10-50yrA	5330.00	958.00	971.39	965.60	971.50	0.000777	3.12	2237.23	461.58	0.18
Reach-1	46320	10-50yrB	6285.00	958.00	972.21	967.52	972.32	0.000707	3.14	2634.81	502.96	0.17
Reach-1	46270	Avg Annual	134.00	958.00	960.46	959.13	960.49	0.000600	1.39	96.68	52.97	0.18
Reach-1	46270	0.5-yr	1422.00	958.00	966.22	961.47	966.38	0.001423	3.22	441.90	76.52	0.24
Reach-1	46270	1-yr	1670.00	958.00	966.96	961.79	967.14	0.001618	3.33	502.52	90.60	0.24
Reach-1	46270	1.5-yr	1761.00	958.00	967.20	961.90	967.37	0.001740	3.35	545.28	203.08	0.25
Reach-1	46270	2-yr	2047.00	958.00	967.81	962.24	967.98	0.001572	3.33	677.01	249.27	0.24
Reach-1	46270	5-yr	3336.00	958.00	969.55	963.60	969.69	0.001150	3.36	1224.91	358.12	0.21
Reach-1	46270	10-yr	4375.00	958.00	970.49	964.71	970.64	0.001053	3.48	1582.40	397.21	0.21
Reach-1	46270	50-yr	7239.00	958.00	973.57	968.25	973.68	0.000544	3.07	3173.87	631.86	0.16
Reach-1	46270	100-yr	8721.00	958.00	974.56	968.78	974.67	0.000486	3.06	3805.65	641.34	0.15
Reach-1	46270	10-50yrA	5330.00	958.00	971.30	965.63	971.45	0.000959	3.53	1915.03	427.19	0.20
Reach-1	46270	10-50yrB	6285.00	958.00	972.13	966.46	972.28	0.000844	3.50	2284.11	458.17	0.19
Reach-1	46220	Avg Annual	134.00	958.00	960.44	958.99	960.46	0.000482	1.28	104.52	54.78	0.16
Reach-1	46220	0.5-yr	1422.00	958.00	966.16	961.28	966.32	0.001198	3.13	454.78	78.61	0.22
Reach-1	46220	1-yr	1670.00	958.00	966.89	961.61	967.05	0.001550	3.24	527.14	127.93	0.24
Reach-1	46220	1.5-yr	1761.00	958.00	967.12	961.72	967.28	0.001513	3.26	572.65	260.23	0.23
Reach-1	46220	2-yr	2047.00	958.00	967.75	962.06	967.90	0.001309	3.20	744.75	286.48	0.22
Reach-1	46220	5-yr	3336.00	958.00	969.51	963.40	969.64	0.000929	3.17	1343.05	420.27	0.20
Reach-1	46220	10-yr	4375.00	958.00	970.46	964.40	970.59	0.000860	3.28	1842.64	662.78	0.19
Reach-1	46220	50-yr	7239.00	958.00	973.58	968.09	973.65	0.000339	2.51	3954.34	690.72	0.13
Reach-1	46220	100-yr	8721.00	958.00	974.57	968.48	974.64	0.000309	2.53	4643.82	699.60	0.12
Reach-1	46220	10-50yrA	5330.00	958.00	971.29	965.28	971.40	0.000704	3.15	2392.57	670.17	0.18
Reach-1	46220	10-50yrB	6285.00	958.00	972.13	966.08	972.23	0.000567	2.98	2963.48	677.75	0.16
Reach-1	46170	Avg Annual	134.00	958.00	960.39	959.24	960.43	0.000987	1.60	83.90	55.65	0.23
Reach-1	46170	0.5-yr	1422.00	958.00	966.09	961.62	966.26	0.001192	3.24	439.64	86.44	0.23
Reach-1	46170	1-yr	1670.00	958.00	966.81	961.93	966.98	0.001407	3.35	531.49	195.04	0.24
Reach-1	46170	1.5-yr	1761.00	958.00	967.04	962.04	967.21	0.001434	3.36	583.19	261.69	0.24
Reach-1	46170	2-yr	2047.00	958.00	967.67	962.37	967.83	0.001267	3.34	754.69	278.13	0.23

Reach-1	46170	5-yr	3336.00	958.00	969.45	963.68	969.59	0.000965	3.39	1513.93	574.50	0.21
Reach-1	46170	10-yr	4375.00	958.00	970.42	964.63	970.54	0.000809	3.34	2148.08	690.22	0.19
Reach-1	46170	50-yr	7239.00	958.00	973.57	968.03	973.63	0.000332	2.60	4356.97	715.90	0.13
Reach-1	46170	100-yr	8721.00	958.00	974.57	968.74	974.62	0.000308	2.63	5073.27	725.96	0.13
Reach-1	46170	10-50yrA	5330.00	958.00	971.26	965.43	971.36	0.000662	3.20	2727.80	695.77	0.18
Reach-1	46170	10-50yrB	6285.00	958.00	972.12	967.49	972.20	0.000539	3.05	3324.79	701.44	0.16
Reach-1	46120	Avg Annual	134.00	958.72	960.33	959.45	960.37	0.001278	1.73	77.59	55.95	0.26
Reach-1	46120	0.5-yr	1422.00	958.72	966.02	961.66	966.19	0.001652	3.25	438.56	96.73	0.24
Reach-1	46120	1-yr	1670.00	958.72	966.73	961.96	966.90	0.001721	3.34	523.62	151.76	0.24
Reach-1	46120	1.5-yr	1761.00	958.72	966.96	962.07	967.13	0.001723	3.36	560.10	165.87	0.24
Reach-1	46120	2-yr	2047.00	958.72	967.59	962.40	967.76	0.001570	3.42	696.06	229.14	0.23
Reach-1	46120	5-yr	3336.00	958.72	969.39	963.75	969.53	0.001177	3.46	1451.35	534.81	0.21
Reach-1	46120	10-yr	4375.00	958.72	970.37	964.69	970.49	0.001004	3.44	1993.01	579.44	0.20
Reach-1	46120	50-yr	7239.00	958.72	973.54	967.70	973.61	0.000422	2.70	4212.82	750.20	0.13
Reach-1	46120	100-yr	8721.00	958.72	974.54	969.01	974.60	0.000378	2.68	4965.21	758.27	0.13
Reach-1	46120	10-50yrA	5330.00	958.72	971.20	965.51	971.32	0.000881	3.40	2508.32	657.31	0.19
Reach-1	46120	10-50yrB	6285.00	958.72	972.06	966.80	972.16	0.000740	3.29	3109.54	737.60	0.17
Reach-1	46070	Avg Annual	134.00	958.00	960.31	958.79	960.33	0.000429	1.26	106.33	52.14	0.16
Reach-1	46070	0.5-yr	1422.00	958.00	965.94	961.12	966.11	0.001316	3.28	432.91	66.16	0.23
Reach-1	46070	1-yr	1670.00	958.00	966.63	961.44	966.82	0.001581	3.46	494.52	102.14	0.23
Reach-1	46070	1.5-yr	1761.00	958.00	966.86	961.55	967.05	0.001567	3.52	518.53	115.53	0.24
Reach-1	46070	2-yr	2047.00	958.00	967.47	961.90	967.68	0.001547	3.71	610.80	190.39	0.24
Reach-1	46070	5-yr	3336.00	958.00	969.28	963.33	969.47	0.001275	3.88	1348.60	542.97	0.22
Reach-1	46070	10-yr	4375.00	958.00	970.29	964.34	970.44	0.001062	3.79	1916.17	588.29	0.21
Reach-1	46070	50-yr	7239.00	958.00	973.52	967.13	973.59	0.000425	2.87	4181.26	749.74	0.14
Reach-1	46070	100-yr	8721.00	958.00	974.52	969.24	974.59	0.000382	2.85	4936.85	759.97	0.13
Reach-1	46070	10-50yrA	5330.00	958.00	971.14	965.16	971.27	0.000914	3.70	2448.59	663.59	0.19
Reach-1	46070	10-50yrB	6285.00	958.00	972.02	965.90	972.13	0.000752	3.53	3063.87	734.53	0.18
Reach-1	46020	Avg Annual	134.00	957.00	960.28	958.44	960.31	0.000446	1.41	95.17	42.25	0.17
Reach-1	46020	0.5-yr	1422.00	957.00	965.90	961.41	966.06	0.000673	3.22	442.25	83.06	0.25
Reach-1	46020	1-yr	1670.00	957.00	966.60	961.75	966.76	0.000646	3.27	520.94	164.36	0.24
Reach-1	46020	1.5-yr	1761.00	957.00	966.83	961.87	966.99	0.000605	3.22	563.88	199.62	0.23
Reach-1	46020	2-yr	2047.00	957.00	967.49	962.24	967.61	0.000484	2.87	728.38	302.62	0.21
Reach-1	46020	5-yr	3336.00	957.00	969.32	963.95	969.42	0.000139	1.77	1481.48	484.61	0.11
Reach-1	46020	10-yr	4375.00	957.00	970.31	964.75	970.41	0.000092	1.56	1985.54	530.39	0.09
Reach-1	46020	50-yr	7239.00	957.00	973.51	967.76	973.58	0.000031	1.13	3957.82	686.62	0.06
Reach-1	46020	100-yr	8721.00	957.00	974.50	968.06	974.58	0.000026	1.09	4645.09	697.46	0.05
Reach-1	46020	10-50yrA	5330.00	957.00	971.15	965.53	971.25	0.000073	1.48	2449.82	575.99	0.09
Reach-1	46020	10-50yrB	6285.00	957.00	972.02	967.48	972.11	0.000057	1.39	2969.33	622.99	0.08
Reach-1	46000	Avg Annual	134.00	957.00	960.27	958.22	960.30	0.000375	1.30	103.28	44.89	0.15
Reach-1	46000	0.5-yr	1422.00	957.00	965.89	961.16	966.05	0.000703	3.23	440.43	76.35	0.24
Reach-1	46000	1-yr	1670.00	957.00	966.58	961.53	966.75	0.000688	3.35	535.30	264.17	0.24
Reach-1	46000	1.5-yr	1761.00	957.00	966.81	961.66	966.98	0.000667	3.36	600.47	293.09	0.23
Reach-1	46000	2-yr	2047.00	957.00	967.44	962.04	967.60	0.000590	3.31	803.43	340.97	0.22
Reach-1	46000	5-yr	3336.00	957.00	969.29	963.62	969.41	0.000443	3.26	1517.81	411.82	0.19
Reach-1	46000	10-yr	4375.00	957.00	970.28	964.55	970.41	0.000435	3.42	1953.92	468.34	0.19
Reach-1	46000	50-yr	7239.00	957.00	973.51	967.79	973.58	0.000253	2.60	3889.80	683.61	0.15

Reach-1	46000	100-yr	8721.00	957.00	974.51	968.45	974.58	0.000226	2.63	4576.92	695.82	0.14
Reach-1	46000	10-50yrA	5330.00	957.00	971.14	965.35	971.25	0.000443	3.25	2379.53	573.74	0.19
Reach-1	46000	10-50yrB	6285.00	957.00	972.02	967.34	972.11	0.000403	3.07	2900.08	619.08	0.18
Reach-1	45963		Bridge									
Reach-1	45933	Avg Annual	134.00	958.00	960.20	959.16	960.25	0.001156	1.79	74.93	47.42	0.25
Reach-1	45933	0.5-yr	1422.00	958.00	965.80	961.68	965.99	0.000915	3.54	401.72	73.39	0.27
Reach-1	45933	1-yr	1670.00	958.00	966.48	962.02	966.69	0.000892	3.69	452.83	75.68	0.27
Reach-1	45933	1.5-yr	1761.00	958.00	966.70	962.14	966.92	0.000890	3.75	469.50	76.16	0.27
Reach-1	45933	2-yr	2047.00	958.00	967.29	962.49	967.54	0.000911	3.96	531.65	167.31	0.27
Reach-1	45933	5-yr	3336.00	958.00	969.02	963.99	969.26	0.000842	4.27	1104.86	397.51	0.27
Reach-1	45933	10-yr	4375.00	958.00	969.93	965.02	970.16	0.000793	4.39	1478.68	434.49	0.26
Reach-1	45933	50-yr	7239.00	958.00	972.78	968.66	972.90	0.000497	3.53	2967.06	590.05	0.21
Reach-1	45933	100-yr	8721.00	958.00	973.92	969.14	974.03	0.000394	3.35	3650.40	600.83	0.19
Reach-1	45933	10-50yrA	5330.00	958.00	970.69	965.80	970.91	0.000748	4.45	1826.30	464.34	0.25
Reach-1	45933	10-50yrB	6285.00	958.00	971.45	966.47	971.62	0.000799	4.09	2202.39	530.94	0.26
Reach-1	45920	Avg Annual	134.00	957.92	960.17	959.17	960.23	0.001470	2.02	66.37	41.72	0.28
Reach-1	45920	0.5-yr	1422.00	957.92	965.70	961.88	965.97	0.002671	4.17	340.74	67.47	0.33
Reach-1	45920	1-yr	1670.00	957.92	966.38	962.27	966.67	0.002843	4.30	388.70	73.36	0.33
Reach-1	45920	1.5-yr	1761.00	957.92	966.60	962.41	966.89	0.002835	4.35	404.95	74.41	0.33
Reach-1	45920	2-yr	2047.00	957.92	967.19	962.81	967.51	0.002900	4.55	449.52	77.22	0.33
Reach-1	45920	5-yr	3336.00	957.92	968.83	964.52	969.22	0.003751	5.25	786.98	423.20	0.37
Reach-1	45920	10-yr	4375.00	957.92	969.89	965.70	970.14	0.002914	4.55	1263.00	473.20	0.31
Reach-1	45920	50-yr	7239.00	957.92	972.78	969.44	972.89	0.000948	3.09	2837.07	589.62	0.19
Reach-1	45920	100-yr	8721.00	957.92	973.92	969.77	974.02	0.000707	2.87	3519.82	600.70	0.16
Reach-1	45920	10-50yrA	5330.00	957.92	970.70	966.57	970.89	0.002303	4.10	1661.83	515.08	0.28
Reach-1	45920	10-50yrB	6285.00	957.92	971.44	967.26	971.61	0.001794	3.85	2059.91	558.99	0.25
Reach-1	45870	Avg Annual	134.00	957.00	960.13	958.64	960.17	0.000808	1.62	82.84	45.93	0.21
Reach-1	45870	0.5-yr	1422.00	957.00	965.64	961.45	965.87	0.001094	3.88	366.96	61.53	0.28
Reach-1	45870	1-yr	1670.00	957.00	966.31	961.80	966.56	0.001301	4.05	412.14	73.93	0.30
Reach-1	45870	1.5-yr	1761.00	957.00	966.53	961.92	966.79	0.001321	4.11	428.61	76.13	0.31
Reach-1	45870	2-yr	2047.00	957.00	967.11	962.29	967.40	0.001367	4.32	474.31	80.12	0.31
Reach-1	45870	5-yr	3336.00	957.00	968.66	963.77	969.09	0.001763	5.33	758.77	422.63	0.36
Reach-1	45870	10-yr	4375.00	957.00	969.60	964.77	970.01	0.001614	5.49	1168.59	456.23	0.35
Reach-1	45870	50-yr	7239.00	957.00	972.62	967.64	972.82	0.000740	4.46	2759.23	575.07	0.25
Reach-1	45870	100-yr	8721.00	957.00	973.80	969.67	973.97	0.000605	4.24	3446.61	587.91	0.23
Reach-1	45870	10-50yrA	5330.00	957.00	970.40	966.07	970.77	0.001419	5.45	1546.90	489.56	0.33
Reach-1	45870	10-50yrB	6285.00	957.00	971.17	966.90	971.50	0.001242	5.36	1940.37	532.54	0.32
Reach-1	45820	Avg Annual	134.00	957.00	960.11	958.29	960.14	0.000523	1.42	94.18	46.06	0.18
Reach-1	45820	0.5-yr	1422.00	957.00	965.61	961.19	965.81	0.000923	3.58	396.88	68.01	0.26
Reach-1	45820	1-yr	1670.00	957.00	966.28	961.54	966.50	0.000956	3.77	445.36	103.08	0.27
Reach-1	45820	1.5-yr	1761.00	957.00	966.50	961.66	966.72	0.000967	3.83	471.42	135.40	0.27
Reach-1	45820	2-yr	2047.00	957.00	967.09	962.03	967.33	0.000996	3.99	577.43	222.98	0.27
Reach-1	45820	5-yr	3336.00	957.00	968.71	963.49	968.97	0.001079	4.43	1119.81	408.51	0.29
Reach-1	45820	10-yr	4375.00	957.00	969.64	964.49	969.88	0.001066	4.53	1517.27	446.67	0.29
Reach-1	45820	50-yr	7239.00	957.00	972.62	968.35	972.77	0.000566	3.87	3055.35	557.59	0.22
Reach-1	45820	100-yr	8721.00	957.00	973.79	968.92	973.93	0.000477	3.77	3716.55	568.05	0.20

Reach-1	45820	10-50yrA	5330.00	957.00	970.43	965.48	970.65	0.001010	4.52	1883.39	482.76	0.28
Reach-1	45820	10-50yrB	6285.00	957.00	971.19	967.08	971.40	0.000908	4.51	2265.06	539.22	0.27
Reach-1	45770	Avg Annual	134.00	957.00	960.09	958.16	960.11	0.000417	1.33	100.79	46.11	0.16
Reach-1	45770	0.5-yr	1422.00	957.00	965.59	961.02	965.76	0.000772	3.41	509.32	157.70	0.23
Reach-1	45770	1-yr	1670.00	957.00	966.25	961.36	966.44	0.000841	3.61	625.96	306.54	0.24
Reach-1	45770	1.5-yr	1761.00	957.00	966.48	961.48	966.66	0.000822	3.58	697.84	321.58	0.24
Reach-1	45770	2-yr	2047.00	957.00	967.10	961.86	967.26	0.000734	3.55	908.03	367.05	0.23
Reach-1	45770	5-yr	3336.00	957.00	968.74	963.35	968.89	0.000661	3.73	1666.10	493.76	0.22
Reach-1	45770	10-yr	4375.00	957.00	969.66	964.89	969.81	0.000645	3.87	2125.75	503.07	0.22
Reach-1	45770	50-yr	7239.00	957.00	972.62	967.40	972.72	0.000421	3.55	3647.79	526.28	0.18
Reach-1	45770	100-yr	8721.00	957.00	973.79	968.32	973.89	0.000393	3.58	4271.02	539.53	0.18
Reach-1	45770	10-50yrA	5330.00	957.00	970.44	965.83	970.58	0.000622	3.94	2521.26	510.04	0.22
Reach-1	45770	10-50yrB	6285.00	957.00	971.20	965.90	971.33	0.000592	3.97	2908.08	514.95	0.21
Reach-1	45720	Avg Annual	134.00	957.55	960.06	958.55	960.09	0.000586	1.47	91.19	43.45	0.18
Reach-1	45720	0.5-yr	1422.00	957.55	965.45	961.18	965.70	0.001361	4.08	348.56	52.44	0.28
Reach-1	45720	1-yr	1670.00	957.55	966.08	961.54	966.38	0.001469	4.37	382.64	57.60	0.29
Reach-1	45720	1.5-yr	1761.00	957.55	966.29	961.68	966.60	0.001493	4.46	421.94	360.37	0.29
Reach-1	45720	2-yr	2047.00	957.55	966.91	962.07	967.20	0.001388	4.49	662.59	429.21	0.28
Reach-1	45720	5-yr	3336.00	957.55	968.62	963.62	968.84	0.001124	4.48	1444.07	469.38	0.26
Reach-1	45720	10-yr	4375.00	957.55	969.56	964.71	969.77	0.001071	4.58	1887.01	477.03	0.26
Reach-1	45720	50-yr	7239.00	957.55	972.56	968.26	972.70	0.000665	4.07	3360.22	502.06	0.21
Reach-1	45720	100-yr	8721.00	957.55	973.74	968.72	973.87	0.000609	4.08	3955.38	511.42	0.20
Reach-1	45720	10-50yrA	5330.00	957.55	970.35	965.66	970.54	0.001021	4.63	2267.17	483.82	0.26
Reach-1	45720	10-50yrB	6285.00	957.55	971.11	967.90	971.30	0.000962	4.63	2639.26	490.11	0.25
Reach-1	45670	Avg Annual	134.00	957.34	960.04	958.32	960.07	0.000180	1.32	101.69	47.19	0.16
Reach-1	45670	0.5-yr	1422.00	957.34	965.45	960.94	965.62	0.000929	3.48	560.04	282.10	0.25
Reach-1	45670	1-yr	1670.00	957.34	966.12	961.29	966.27	0.001035	3.34	780.96	370.22	0.24
Reach-1	45670	1.5-yr	1761.00	957.34	966.35	961.41	966.49	0.001009	3.27	866.06	386.99	0.23
Reach-1	45670	2-yr	2047.00	957.34	966.98	961.78	967.09	0.000885	3.01	1126.97	433.89	0.21
Reach-1	45670	5-yr	3336.00	957.34	968.67	963.25	968.75	0.000654	2.86	1884.33	456.19	0.18
Reach-1	45670	10-yr	4375.00	957.34	969.60	965.69	969.68	0.000631	2.97	2310.15	465.22	0.18
Reach-1	45670	50-yr	7239.00	957.34	972.58	967.14	972.65	0.000411	2.77	3732.12	499.41	0.15
Reach-1	45670	100-yr	8721.00	957.34	973.75	967.43	973.82	0.000378	2.85	4342.75	534.68	0.14
Reach-1	45670	10-50yrA	5330.00	957.34	970.38	966.47	970.46	0.000608	3.04	2676.98	472.17	0.18
Reach-1	45670	10-50yrB	6285.00	957.34	971.14	966.88	971.22	0.000579	3.08	3036.29	477.10	0.18
Reach-1	45620	Avg Annual	134.00	958.00	960.02	958.97	960.05	0.000858	1.54	87.12	54.92	0.22
Reach-1	45620	0.5-yr	1422.00	958.00	965.41	961.19	965.57	0.000937	3.28	569.12	259.04	0.23
Reach-1	45620	1-yr	1670.00	958.00	966.08	961.51	966.22	0.000913	3.24	763.62	326.60	0.22
Reach-1	45620	1.5-yr	1761.00	958.00	966.30	961.61	966.44	0.000972	3.20	838.99	352.44	0.22
Reach-1	45620	2-yr	2047.00	958.00	966.94	961.93	967.04	0.000980	2.95	1081.90	405.47	0.21
Reach-1	45620	5-yr	3336.00	958.00	968.64	963.25	968.72	0.000704	2.79	1808.52	440.43	0.18
Reach-1	45620	10-yr	4375.00	958.00	969.57	964.89	969.65	0.000669	2.87	2220.36	448.56	0.17
Reach-1	45620	50-yr	7239.00	958.00	972.56	967.00	972.63	0.000412	2.68	3617.39	497.21	0.14
Reach-1	45620	100-yr	8721.00	958.00	973.73	967.42	973.81	0.000377	2.73	4212.15	518.18	0.14
Reach-1	45620	10-50yrA	5330.00	958.00	970.35	966.36	970.44	0.000639	2.92	2574.65	454.96	0.17
Reach-1	45620	10-50yrB	6285.00	958.00	971.11	966.86	971.20	0.000602	2.95	2921.42	461.09	0.17

Reach-1	45570	Avg Annual	134.00	958.00	959.95	959.07	960.00	0.001380	1.71	78.48	60.71	0.26
Reach-1	45570	0.5-yr	1422.00	958.00	965.38	961.23	965.52	0.000760	3.15	532.15	200.73	0.22
Reach-1	45570	1-yr	1670.00	958.00	966.04	961.51	966.18	0.000700	3.13	678.63	239.59	0.21
Reach-1	45570	1.5-yr	1761.00	958.00	966.26	961.63	966.39	0.000706	3.12	732.46	260.47	0.21
Reach-1	45570	2-yr	2047.00	958.00	966.88	961.94	967.00	0.000708	3.06	910.82	311.58	0.21
Reach-1	45570	5-yr	3336.00	958.00	968.59	963.18	968.69	0.000582	2.95	1578.58	430.75	0.19
Reach-1	45570	10-yr	4375.00	958.00	969.52	964.02	969.62	0.000517	3.00	1989.87	453.66	0.18
Reach-1	45570	50-yr	7239.00	958.00	972.54	966.92	972.61	0.000280	2.69	3433.69	497.98	0.14
Reach-1	45570	100-yr	8721.00	958.00	973.71	967.50	973.79	0.000251	2.72	4026.36	509.99	0.13
Reach-1	45570	10-50yrA	5330.00	958.00	970.31	965.66	970.41	0.000471	3.03	2354.63	470.96	0.17
Reach-1	45570	10-50yrB	6285.00	958.00	971.07	966.43	971.17	0.000427	3.04	2717.63	481.52	0.17
Reach-1	45520	Avg Annual	134.00	958.00	959.91	958.81	959.94	0.000791	1.47	91.30	57.33	0.20
Reach-1	45520	0.5-yr	1422.00	958.00	965.31	960.99	965.48	0.001009	3.30	445.76	132.38	0.24
Reach-1	45520	1-yr	1670.00	958.00	965.96	961.29	966.14	0.001046	3.38	555.30	202.80	0.24
Reach-1	45520	1.5-yr	1761.00	958.00	966.18	961.40	966.35	0.001045	3.40	600.92	226.02	0.24
Reach-1	45520	2-yr	2047.00	958.00	966.80	961.73	966.96	0.001000	3.37	754.23	267.58	0.23
Reach-1	45520	5-yr	3336.00	958.00	968.53	963.02	968.65	0.000788	3.28	1383.87	419.78	0.21
Reach-1	45520	10-yr	4375.00	958.00	969.47	963.93	969.59	0.000682	3.29	1797.47	451.11	0.20
Reach-1	45520	50-yr	7239.00	958.00	972.51	967.36	972.60	0.000354	2.89	3225.72	493.32	0.15
Reach-1	45520	100-yr	8721.00	958.00	973.68	967.77	973.78	0.000324	2.94	3828.33	530.02	0.14
Reach-1	45520	10-50yrA	5330.00	958.00	970.26	964.79	970.38	0.000609	3.30	2160.10	461.88	0.19
Reach-1	45520	10-50yrB	6285.00	958.00	971.03	966.66	971.15	0.000546	3.28	2517.66	470.53	0.18
Reach-1	45470	Avg Annual	134.00	958.00	959.87	958.81	959.90	0.000863	1.51	88.82	57.21	0.21
Reach-1	45470	0.5-yr	1422.00	958.00	965.26	960.99	965.43	0.001030	3.34	436.85	118.95	0.24
Reach-1	45470	1-yr	1670.00	958.00	965.90	961.29	966.08	0.001085	3.44	533.18	178.72	0.24
Reach-1	45470	1.5-yr	1761.00	958.00	966.11	961.40	966.29	0.001092	3.47	572.92	197.72	0.24
Reach-1	45470	2-yr	2047.00	958.00	966.73	961.72	966.90	0.001075	3.49	711.17	252.06	0.24
Reach-1	45470	5-yr	3336.00	958.00	968.47	963.02	968.61	0.000840	3.38	1346.56	425.83	0.21
Reach-1	45470	10-yr	4375.00	958.00	969.43	963.93	969.55	0.000707	3.34	1763.83	444.63	0.20
Reach-1	45470	50-yr	7239.00	958.00	972.48	967.41	972.58	0.000350	2.87	3165.41	472.00	0.15
Reach-1	45470	100-yr	8721.00	958.00	973.66	967.97	973.76	0.000310	2.88	3728.25	482.56	0.14
Reach-1	45470	10-50yrA	5330.00	958.00	970.22	964.79	970.35	0.000621	3.32	2122.06	451.78	0.19
Reach-1	45470	10-50yrB	6285.00	958.00	971.00	966.59	971.11	0.000552	3.30	2472.96	458.68	0.18
Reach-1	45420	Avg Annual	134.00	957.57	959.84	958.42	959.87	0.000554	1.34	100.13	55.22	0.18
Reach-1	45420	0.5-yr	1422.00	957.57	965.20	960.77	965.37	0.001115	3.32	428.02	69.68	0.24
Reach-1	45420	1-yr	1670.00	957.57	965.83	961.08	966.02	0.001352	3.53	473.74	76.86	0.25
Reach-1	45420	1.5-yr	1761.00	957.57	966.03	961.20	966.23	0.001368	3.60	489.58	86.17	0.25
Reach-1	45420	2-yr	2047.00	957.57	966.63	961.53	966.84	0.001360	3.71	588.98	220.42	0.25
Reach-1	45420	5-yr	3336.00	957.57	968.40	962.86	968.57	0.000943	3.57	1157.12	381.13	0.22
Reach-1	45420	10-yr	4375.00	957.57	969.36	963.79	969.51	0.000808	3.55	1541.16	414.35	0.21
Reach-1	45420	50-yr	7239.00	957.57	972.44	967.52	972.56	0.000395	3.01	2877.24	450.31	0.15
Reach-1	45420	100-yr	8721.00	957.57	973.62	968.03	973.74	0.000348	3.00	3416.51	463.10	0.14
Reach-1	45420	10-50yrA	5330.00	957.57	970.16	964.59	970.31	0.000713	3.53	1878.83	425.61	0.20
Reach-1	45420	10-50yrB	6285.00	957.57	970.94	965.46	971.09	0.000632	3.49	2211.74	434.00	0.19
Reach-1	45370	Avg Annual	134.00	957.00	959.81	957.85	959.84	0.000466	1.29	103.90	43.44	0.15
Reach-1	45370	0.5-yr	1422.00	957.00	965.08	960.67	965.29	0.002527	3.65	389.52	74.43	0.28
Reach-1	45370	1-yr	1670.00	957.00	965.69	961.04	965.92	0.003073	3.81	438.79	86.60	0.30



Reach-1	45370	1.5-yr	1761.00	957.00	965.90	961.16	966.13	0.003247	3.86	456.69	90.78	0.30
Reach-1	45370	2-yr	2047.00	957.00	966.50	961.55	966.74	0.003163	3.96	525.67	160.02	0.30
Reach-1	45370	5-yr	3336.00	957.00	968.33	963.20	968.50	0.001831	3.66	1091.16	402.05	0.24
Reach-1	45370	10-yr	4375.00	957.00	969.30	964.37	969.47	0.001430	3.52	1490.35	414.21	0.22
Reach-1	45370	50-yr	7239.00	957.00	972.42	967.69	972.54	0.000614	2.86	2830.38	445.16	0.15
Reach-1	45370	100-yr	8721.00	957.00	973.60	968.14	973.72	0.000529	2.83	3363.32	456.07	0.14
Reach-1	45370	10-50yrA	5330.00	957.00	970.12	965.40	970.27	0.001201	3.43	1830.96	423.93	0.20
Reach-1	45370	10-50yrB	6285.00	957.00	970.90	967.28	971.05	0.001029	3.36	2164.42	431.13	0.19
Reach-1	45320	Avg Annual	134.00	956.93	959.78	958.13	959.81	0.000582	1.38	97.26	46.64	0.17
Reach-1	45320	0.5-yr	1422.00	956.93	964.97	960.78	965.17	0.002201	3.60	395.50	74.10	0.27
Reach-1	45320	1-yr	1670.00	956.93	965.56	961.13	965.78	0.002386	3.79	440.55	78.21	0.28
Reach-1	45320	1.5-yr	1761.00	956.93	965.76	961.26	965.99	0.002457	3.86	455.86	79.62	0.28
Reach-1	45320	2-yr	2047.00	956.93	966.33	961.65	966.59	0.002905	4.04	526.42	160.90	0.30
Reach-1	45320	5-yr	3336.00	956.93	968.18	963.21	968.41	0.001808	3.43	1041.77	390.46	0.24
Reach-1	45320	10-yr	4375.00	956.93	969.06	964.26	969.38	0.001081	2.89	1393.48	402.94	0.19
Reach-1	45320	50-yr	7239.00	956.93	972.14	967.60	972.49	0.000251	1.76	2690.94	436.40	0.10
Reach-1	45320	100-yr	8721.00	956.93	973.31	967.78	973.68	0.000193	1.66	3208.28	448.10	0.09
Reach-1	45320	10-50yrA	5330.00	956.93	969.81	965.07	970.20	0.000761	2.59	1700.46	414.21	0.16
Reach-1	45320	10-50yrB	6285.00	956.93	970.56	965.84	970.98	0.000560	2.35	2011.21	422.01	0.14
Reach-1	45270	Avg Annual	134.00	956.00	959.77	957.03	959.79	0.000270	1.04	129.35	42.15	0.10
Reach-1	45270	0.5-yr	1422.00	956.00	964.84	959.98	965.06	0.002113	3.77	377.16	58.27	0.26
Reach-1	45270	1-yr	1670.00	956.00	965.41	960.36	965.66	0.002483	4.05	420.27	90.61	0.28
Reach-1	45270	1.5-yr	1761.00	956.00	965.59	960.51	965.86	0.002630	4.15	437.73	97.44	0.28
Reach-1	45270	2-yr	2047.00	956.00	966.14	960.92	966.43	0.003010	4.41	501.68	158.15	0.30
Reach-1	45270	5-yr	3336.00	956.00	967.93	962.62	968.27	0.003487	4.94	852.92	277.25	0.32
Reach-1	45270	10-yr	4375.00	956.00	968.91	963.75	969.28	0.002881	4.43	1168.99	340.89	0.28
Reach-1	45270	50-yr	7239.00	956.00	971.94	967.97	972.45	0.000714	2.58	2358.32	415.69	0.14
Reach-1	45270	100-yr	8721.00	956.00	973.11	968.27	973.65	0.000525	2.39	2850.43	427.27	0.13
Reach-1	45270	10-50yrA	5330.00	956.00	969.59	964.71	970.11	0.002413	4.01	1415.54	373.47	0.26
Reach-1	45270	10-50yrB	6285.00	956.00	970.29	966.63	970.91	0.001809	3.64	1687.30	398.05	0.22
Reach-1	45220	Avg Annual	134.00	956.00	959.75	957.64	959.77	0.000396	1.23	108.92	51.02	0.15
Reach-1	45220	0.5-yr	1422.00	956.00	964.77	960.51	964.98	0.001124	3.69	396.26	80.06	0.26
Reach-1	45220	1-yr	1670.00	956.00	965.33	960.82	965.57	0.001232	3.97	444.86	99.26	0.27
Reach-1	45220	1.5-yr	1761.00	956.00	965.51	960.94	965.77	0.001275	4.06	463.74	108.28	0.27
Reach-1	45220	2-yr	2047.00	956.00	966.04	961.29	966.33	0.001405	4.35	530.72	162.14	0.29
Reach-1	45220	5-yr	3336.00	956.00	967.77	962.72	968.14	0.001740	5.15	889.58	233.89	0.32
Reach-1	45220	10-yr	4375.00	956.00	968.73	963.74	969.16	0.001908	5.70	1136.40	266.66	0.34
Reach-1	45220	50-yr	7239.00	956.00	972.03	967.22	972.35	0.001329	5.38	2153.30	358.86	0.29
Reach-1	45220	100-yr	8721.00	956.00	973.22	967.93	973.54	0.001195	5.47	2589.99	369.89	0.28
Reach-1	45220	10-50yrA	5330.00	956.00	969.53	964.74	969.98	0.001954	6.01	1350.88	271.28	0.34
Reach-1	45220	10-50yrB	6285.00	956.00	970.30	965.73	970.77	0.001942	6.21	1570.99	307.74	0.35
Reach-1	45170	Avg Annual	134.00	956.34	959.70	958.12	959.74	0.000945	1.63	82.39	50.26	0.22
Reach-1	45170	0.5-yr	1422.00	956.34	964.66	960.98	964.91	0.001549	4.02	356.76	69.64	0.30
Reach-1	45170	1-yr	1670.00	956.34	965.21	961.31	965.49	0.001726	4.28	408.43	134.90	0.31
Reach-1	45170	1.5-yr	1761.00	956.34	965.39	961.42	965.69	0.001792	4.36	433.52	142.08	0.31
Reach-1	45170	2-yr	2047.00	956.34	965.93	961.76	966.24	0.001987	4.56	516.78	179.59	0.32
Reach-1	45170	5-yr	3336.00	956.34	967.69	963.19	968.03	0.002087	5.05	934.14	265.76	0.33

Reach-1	45170	10-yr	4375.00	956.34	968.65	964.25	969.04	0.002125	5.47	1212.96	306.25	0.34
Reach-1	45170	50-yr	7239.00	956.34	971.98	967.37	972.26	0.001236	5.07	2257.76	324.62	0.27
Reach-1	45170	100-yr	8721.00	956.34	973.18	967.69	973.46	0.001148	5.19	2654.42	334.93	0.26
Reach-1	45170	10-50yrA	5330.00	956.34	969.46	965.72	969.85	0.002050	5.66	1462.26	310.04	0.34
Reach-1	45170	10-50yrB	6285.00	956.34	970.24	966.79	970.63	0.001946	5.78	1706.52	313.47	0.33
Reach-1	45120	Avg Annual	134.00	957.00	959.62	958.43	959.68	0.001399	2.03	65.98	39.35	0.28
Reach-1	45120	0.5-yr	1422.00	957.00	964.49	961.36	964.79	0.004256	4.41	329.62	96.19	0.36
Reach-1	45120	1-yr	1670.00	957.00	965.03	961.78	965.36	0.004341	4.60	387.35	174.63	0.36
Reach-1	45120	1.5-yr	1761.00	957.00	965.22	961.92	965.55	0.004279	4.63	420.45	177.55	0.36
Reach-1	45120	2-yr	2047.00	957.00	965.79	962.35	966.11	0.004001	4.66	523.06	186.82	0.35
Reach-1	45120	5-yr	3336.00	957.00	967.58	963.94	967.89	0.003298	4.85	955.52	261.56	0.32
Reach-1	45120	10-yr	4375.00	957.00	968.55	965.47	968.88	0.003339	5.26	1227.32	318.57	0.33
Reach-1	45120	50-yr	7239.00	957.00	971.94	967.32	972.16	0.001651	4.57	2333.94	332.51	0.25
Reach-1	45120	100-yr	8721.00	957.00	973.15	967.76	973.37	0.001516	4.65	2738.72	339.06	0.24
Reach-1	45120	10-50yrA	5330.00	957.00	969.37	966.07	969.70	0.003045	5.33	1492.22	322.02	0.32
Reach-1	45120	10-50yrB	6285.00	957.00	970.17	966.88	970.49	0.002775	5.36	1750.76	325.33	0.31
Reach-1	45070	Avg Annual	134.00	957.00	959.62	957.91	959.64	0.000311	1.10	121.36	56.82	0.13
Reach-1	45070	0.5-yr	1422.00	957.00	964.48	960.17	964.66	0.001031	3.45	412.48	66.13	0.24
Reach-1	45070	1-yr	1670.00	957.00	965.01	960.47	965.23	0.001150	3.72	453.27	92.44	0.26
Reach-1	45070	1.5-yr	1761.00	957.00	965.19	960.58	965.42	0.001191	3.82	471.14	106.93	0.26
Reach-1	45070	2-yr	2047.00	957.00	965.72	960.91	965.98	0.001302	4.08	539.61	149.97	0.27
Reach-1	45070	5-yr	3336.00	957.00	967.45	962.23	967.77	0.001461	4.83	984.31	281.54	0.29
Reach-1	45070	10-yr	4375.00	957.00	968.40	963.23	968.76	0.001571	5.30	1252.58	288.20	0.31
Reach-1	45070	50-yr	7239.00	957.00	971.79	966.73	972.08	0.001065	5.16	2344.85	339.11	0.26
Reach-1	45070	100-yr	8721.00	957.00	973.00	967.50	973.30	0.001020	5.29	2758.86	345.06	0.26
Reach-1	45070	10-50yrA	5330.00	957.00	969.17	964.06	969.58	0.001649	5.67	1483.40	306.81	0.32
Reach-1	45070	10-50yrB	6285.00	957.00	969.94	964.84	970.36	0.001660	5.92	1726.71	325.30	0.32
Reach-1	45020	Avg Annual	134.00	957.00	959.58	958.37	959.62	0.000750	1.49	90.11	52.06	0.20
Reach-1	45020	0.5-yr	1422.00	957.00	964.35	960.71	964.59	0.001807	3.92	367.30	97.22	0.29
Reach-1	45020	1-yr	1670.00	957.00	964.88	961.02	965.15	0.001920	4.15	434.76	139.32	0.30
Reach-1	45020	1.5-yr	1761.00	957.00	965.07	961.14	965.34	0.001955	4.22	461.20	158.47	0.30
Reach-1	45020	2-yr	2047.00	957.00	965.62	961.50	965.90	0.002013	4.36	571.60	242.18	0.30
Reach-1	45020	5-yr	3336.00	957.00	967.43	962.89	967.67	0.001713	4.48	1186.60	365.91	0.28
Reach-1	45020	10-yr	4375.00	957.00	968.40	963.89	968.65	0.001649	4.65	1548.85	377.35	0.27
Reach-1	45020	50-yr	7239.00	957.00	971.85	966.96	971.99	0.000994	3.86	3022.39	466.81	0.21
Reach-1	45020	100-yr	8721.00	957.00	973.07	967.47	973.20	0.000899	3.78	3603.13	485.57	0.19
Reach-1	45020	10-50yrA	5330.00	957.00	969.21	965.55	969.44	0.001660	4.75	1860.17	400.52	0.27
Reach-1	45020	10-50yrB	6285.00	957.00	970.00	966.56	970.22	0.001624	4.75	2186.65	424.42	0.27
Reach-1	44970	Avg Annual	134.00	956.00	959.57	957.81	959.59	0.000339	1.13	118.22	54.43	0.14
Reach-1	44970	0.5-yr	1422.00	956.00	964.32	960.18	964.50	0.001101	3.51	443.71	136.42	0.25
Reach-1	44970	1-yr	1670.00	956.00	964.85	960.50	965.06	0.001167	3.72	519.72	146.77	0.25
Reach-1	44970	1.5-yr	1761.00	956.00	965.03	960.61	965.25	0.001192	3.79	546.86	161.79	0.25
Reach-1	44970	2-yr	2047.00	956.00	965.58	960.94	965.81	0.001274	3.96	649.87	216.47	0.26
Reach-1	44970	5-yr	3336.00	956.00	967.36	962.27	967.59	0.001407	4.34	1258.47	395.48	0.26
Reach-1	44970	10-yr	4375.00	956.00	968.34	963.26	968.56	0.001455	4.47	1652.86	408.74	0.26
Reach-1	44970	50-yr	7239.00	956.00	971.80	966.56	971.94	0.000805	3.83	3206.15	470.30	0.20
Reach-1	44970	100-yr	8721.00	956.00	973.02	967.35	973.16	0.000729	3.90	3782.91	477.32	0.19

Reach-1	44970	10-50yrA	5330.00	956.00	969.14	964.54	969.36	0.001442	4.59	1987.67	429.10	0.26
Reach-1	44970	10-50yrB	6285.00	956.00	969.93	965.46	970.14	0.001384	4.62	2336.07	452.30	0.26
Reach-1	44920	Avg Annual	134.00	957.00	959.54	958.15	959.57	0.000531	1.31	102.00	57.11	0.17
Reach-1	44920	0.5-yr	1422.00	957.00	964.23	960.43	964.44	0.001218	3.67	389.14	74.69	0.26
Reach-1	44920	1-yr	1670.00	957.00	964.75	960.73	964.99	0.001330	3.97	431.81	90.56	0.27
Reach-1	44920	1.5-yr	1761.00	957.00	964.92	960.84	965.18	0.001372	4.07	447.89	95.79	0.28
Reach-1	44920	2-yr	2047.00	957.00	965.44	961.18	965.73	0.001561	4.36	501.65	114.07	0.29
Reach-1	44920	5-yr	3336.00	957.00	967.08	962.50	967.49	0.002258	5.34	837.49	282.60	0.33
Reach-1	44920	10-yr	4375.00	957.00	967.99	963.42	968.45	0.002538	5.82	1123.01	342.10	0.35
Reach-1	44920	50-yr	7239.00	957.00	971.61	966.78	971.87	0.001254	4.99	2586.95	470.09	0.25
Reach-1	44920	100-yr	8721.00	957.00	972.86	967.71	973.10	0.001077	4.94	3182.54	483.29	0.24
Reach-1	44920	10-50yrA	5330.00	957.00	968.79	964.21	969.24	0.002532	5.99	1412.56	367.37	0.35
Reach-1	44920	10-50yrB	6285.00	957.00	969.61	965.10	970.03	0.002322	6.01	1716.40	382.27	0.34
Reach-1	44870	Avg Annual	134.00	957.00	959.52	957.83	959.54	0.000658	1.14	117.69	55.70	0.14
Reach-1	44870	0.5-yr	1422.00	957.00	964.17	960.13	964.36	0.002047	3.55	404.76	98.08	0.26
Reach-1	44870	1-yr	1670.00	957.00	964.68	960.44	964.90	0.002187	3.79	458.12	110.86	0.27
Reach-1	44870	1.5-yr	1761.00	957.00	964.85	960.55	965.09	0.002239	3.88	477.66	115.62	0.27
Reach-1	44870	2-yr	2047.00	957.00	965.37	960.88	965.62	0.002452	4.10	542.24	134.05	0.28
Reach-1	44870	5-yr	3336.00	957.00	967.01	962.21	967.34	0.002667	4.84	961.08	383.29	0.30
Reach-1	44870	10-yr	4375.00	957.00	967.96	963.19	968.28	0.002480	5.03	1335.29	405.58	0.30
Reach-1	44870	50-yr	7239.00	957.00	971.67	966.13	971.78	0.000797	3.60	4490.39	1335.07	0.18
Reach-1	44870	100-yr	8721.00	957.00	972.94	967.47	973.01	0.000513	3.08	6196.85	1344.89	0.15
Reach-1	44870	10-50yrA	5330.00	957.00	968.78	964.24	969.08	0.002258	5.09	1697.99	462.58	0.29
Reach-1	44870	10-50yrB	6285.00	957.00	969.61	965.28	969.88	0.001956	5.01	2089.01	474.98	0.27
Reach-1	44820	Avg Annual	134.00	957.46	959.45	958.33	959.49	0.001253	1.63	82.10	51.59	0.23
Reach-1	44820	0.5-yr	1422.00	957.46	963.98	960.72	964.24	0.002786	4.09	348.08	72.24	0.33
Reach-1	44820	1-yr	1670.00	957.46	964.48	961.05	964.77	0.002957	4.34	384.85	74.62	0.34
Reach-1	44820	1.5-yr	1761.00	957.46	964.64	961.16	964.95	0.003018	4.43	397.28	75.28	0.34
Reach-1	44820	2-yr	2047.00	957.46	965.12	961.50	965.47	0.003549	4.72	434.00	80.71	0.36
Reach-1	44820	5-yr	3336.00	957.46	966.65	962.87	967.15	0.004570	5.75	656.33	238.50	0.40
Reach-1	44820	10-yr	4375.00	957.46	967.54	963.99	968.09	0.004485	6.22	885.15	268.84	0.41
Reach-1	44820	50-yr	7239.00	957.46	971.54	966.96	971.72	0.001205	4.33	3432.40	1218.35	0.23
Reach-1	44820	100-yr	8721.00	957.46	972.87	967.69	972.98	0.000727	3.63	5062.34	1225.47	0.18
Reach-1	44820	10-50yrA	5330.00	957.46	968.35	964.75	968.90	0.004122	6.41	1105.48	275.42	0.40
Reach-1	44820	10-50yrB	6285.00	957.46	969.19	965.54	969.72	0.003642	6.44	1339.74	282.24	0.38
Reach-1	44770	Avg Annual	134.00	957.38	959.37	958.31	959.42	0.001362	1.82	73.70	46.27	0.25
Reach-1	44770	0.5-yr	1422.00	957.38	963.79	960.88	964.09	0.003046	4.37	325.38	65.83	0.35
Reach-1	44770	1-yr	1670.00	957.38	964.27	961.21	964.60	0.003535	4.67	360.32	111.58	0.36
Reach-1	44770	1.5-yr	1761.00	957.38	964.43	961.33	964.78	0.003583	4.76	379.04	118.92	0.37
Reach-1	44770	2-yr	2047.00	957.38	964.89	961.69	965.28	0.003721	5.03	438.95	139.80	0.37
Reach-1	44770	5-yr	3336.00	957.38	966.43	963.11	966.92	0.004448	5.88	753.39	305.30	0.41
Reach-1	44770	10-yr	4375.00	957.38	967.39	964.08	967.86	0.004101	6.05	1079.74	358.19	0.40
Reach-1	44770	50-yr	7239.00	957.38	971.53	967.03	971.65	0.000913	3.86	4059.93	1326.96	0.20
Reach-1	44770	100-yr	8721.00	957.38	972.86	967.58	972.94	0.000568	3.27	5831.94	1334.74	0.16
Reach-1	44770	10-50yrA	5330.00	957.38	968.26	965.28	968.69	0.003413	5.95	1397.23	365.97	0.37
Reach-1	44770	10-50yrB	6285.00	957.38	969.15	966.39	969.52	0.002827	5.80	1724.78	373.83	0.34

Reach-1	44720	Avg Annual	134.00	957.49	959.21	958.66	959.31	0.004077	2.49	53.72	51.57	0.43
Reach-1	44720	0.5-yr	1422.00	957.49	963.65	960.98	963.94	0.002658	4.34	327.85	68.89	0.35
Reach-1	44720	1-yr	1670.00	957.49	964.10	961.27	964.44	0.003068	4.64	359.88	72.63	0.37
Reach-1	44720	1.5-yr	1761.00	957.49	964.26	961.37	964.61	0.003206	4.74	379.81	213.12	0.37
Reach-1	44720	2-yr	2047.00	957.49	964.73	961.69	965.10	0.003199	4.92	490.45	255.71	0.37
Reach-1	44720	5-yr	3336.00	957.49	966.36	962.94	966.70	0.002709	5.16	1026.13	388.86	0.35
Reach-1	44720	10-yr	4375.00	957.49	967.33	963.95	967.65	0.002432	5.21	1428.94	432.10	0.33
Reach-1	44720	50-yr	7239.00	957.49	971.51	966.43	971.61	0.000591	3.45	4636.23	1305.44	0.18
Reach-1	44720	100-yr	8721.00	957.49	972.84	966.96	972.91	0.000407	3.07	6381.38	1315.20	0.15
Reach-1	44720	10-50yrA	5330.00	957.49	968.21	965.54	968.50	0.002120	5.24	1812.69	474.13	0.32
Reach-1	44720	10-50yrB	6285.00	957.49	969.11	965.96	969.37	0.001715	5.04	2245.00	479.48	0.29
Reach-1	44670	Avg Annual	134.00	955.66	959.18	957.23	959.20	0.000931	1.12	119.21	64.66	0.15
Reach-1	44670	0.5-yr	1422.00	955.66	963.62	959.80	963.79	0.002124	3.36	423.05	71.75	0.24
Reach-1	44670	1-yr	1670.00	955.66	964.06	960.08	964.27	0.002385	3.67	455.14	75.74	0.26
Reach-1	44670	1.5-yr	1761.00	955.66	964.21	960.19	964.43	0.002507	3.78	468.25	223.34	0.26
Reach-1	44670	2-yr	2047.00	955.66	964.68	960.50	964.92	0.002714	3.98	613.24	351.20	0.27
Reach-1	44670	5-yr	3336.00	955.66	966.33	961.69	966.53	0.002340	4.06	1284.48	454.86	0.26
Reach-1	44670	10-yr	4375.00	955.66	967.32	962.53	967.50	0.002014	4.05	1766.58	500.28	0.24
Reach-1	44670	50-yr	7239.00	955.66	971.51	965.78	971.57	0.000522	2.68	5217.98	1339.88	0.13
Reach-1	44670	100-yr	8721.00	955.66	972.84	966.21	972.88	0.000365	2.40	7006.52	1347.53	0.11
Reach-1	44670	10-50yrA	5330.00	955.66	968.20	963.25	968.37	0.001775	4.05	2213.94	545.27	0.23
Reach-1	44670	10-50yrB	6285.00	955.66	969.11	965.38	969.26	0.001436	3.88	2713.55	549.19	0.21
Reach-1	44620	Avg Annual	134.00	952.54	959.16	954.60	959.17	0.000371	0.79	168.87	62.53	0.09
Reach-1	44620	0.5-yr	1422.00	952.54	963.56	958.96	963.68	0.001626	2.87	606.82	211.20	0.20
Reach-1	44620	1-yr	1670.00	952.54	964.01	959.25	964.14	0.001835	3.02	708.47	239.45	0.21
Reach-1	44620	1.5-yr	1761.00	952.54	964.17	959.35	964.30	0.001870	3.06	746.51	248.47	0.21
Reach-1	44620	2-yr	2047.00	952.54	964.64	959.68	964.78	0.001941	3.16	895.03	353.69	0.21
Reach-1	44620	5-yr	3336.00	952.54	966.31	960.92	966.42	0.001730	3.14	1643.94	543.32	0.20
Reach-1	44620	10-yr	4375.00	952.54	967.31	961.81	967.40	0.001454	3.13	2187.39	551.27	0.19
Reach-1	44620	50-yr	7239.00	952.54	971.51	964.87	971.54	0.000400	2.15	5830.69	1387.11	0.11
Reach-1	44620	100-yr	8721.00	952.54	972.84	965.44	972.86	0.000293	1.97	7678.51	1392.69	0.09
Reach-1	44620	10-50yrA	5330.00	952.54	968.19	963.39	968.29	0.001241	3.09	2680.52	558.38	0.18
Reach-1	44620	10-50yrB	6285.00	952.54	969.11	964.06	969.19	0.001074	3.06	3219.66	590.84	0.17
Reach-1	44570	Avg Annual	134.00	954.72	959.14	956.35	959.15	0.000283	0.95	141.61	47.05	0.10
Reach-1	44570	0.5-yr	1422.00	954.72	963.43	959.18	963.60	0.001915	3.44	574.07	245.15	0.25
Reach-1	44570	1-yr	1670.00	954.72	963.89	959.54	964.05	0.001952	3.52	689.30	259.14	0.25
Reach-1	44570	1.5-yr	1761.00	954.72	964.05	959.67	964.21	0.001947	3.54	730.95	263.82	0.25
Reach-1	44570	2-yr	2047.00	954.72	964.52	960.05	964.69	0.001976	3.64	864.33	307.51	0.25
Reach-1	44570	5-yr	3336.00	954.72	966.20	961.55	966.35	0.001776	3.78	1588.43	590.28	0.24
Reach-1	44570	10-yr	4375.00	954.72	967.23	963.59	967.35	0.001417	3.66	2200.82	603.24	0.22
Reach-1	44570	50-yr	7239.00	954.72	971.49	964.95	971.53	0.000349	2.36	6041.62	1398.58	0.11
Reach-1	44570	100-yr	8721.00	954.72	972.82	965.50	972.85	0.000254	2.15	7911.56	1407.65	0.10
Reach-1	44570	10-50yrA	5330.00	954.72	968.14	963.99	968.24	0.001169	3.55	2754.31	614.73	0.20
Reach-1	44570	10-50yrB	6285.00	954.72	969.06	964.39	969.16	0.000980	3.45	3353.51	649.26	0.19
Reach-1	44520	Avg Annual	199.00	957.23	959.03	958.35	959.11	0.002460	2.23	89.06	71.34	0.35
Reach-1	44520	0.5-yr	2120.00	957.23	963.37	960.81	963.53	0.001115	3.50	1216.55	962.77	0.29
Reach-1	44520	1-yr	2489.00	957.23	963.86	961.11	963.98	0.000860	3.29	1697.73	995.00	0.26

Reach-1	44520	1.5-yr	2625.00	957.23	964.03	961.24	964.14	0.000793	3.22	1865.49	1003.32	0.25
Reach-1	44520	2-yr	3052.00	957.23	964.52	961.56	964.62	0.000651	3.09	2377.94	1083.20	0.23
Reach-1	44520	5-yr	4972.00	957.23	966.23	963.39	966.29	0.000421	2.73	4467.25	1292.43	0.19
Reach-1	44520	10-yr	6521.00	957.23	967.25	963.78	967.30	0.000350	2.74	5788.27	1303.65	0.18
Reach-1	44520	50-yr	10790.00	957.23	971.49	964.77	971.52	0.000126	2.21	11494.47	1366.09	0.11
Reach-1	44520	100-yr	13000.00	957.23	972.82	964.99	972.85	0.000116	2.28	13312.07	1374.53	0.11
Reach-1	44520	10-50yrA	7944.00	957.23	968.15	964.03	968.20	0.000303	2.75	6970.46	1313.62	0.17
Reach-1	44520	10-50yrB	9367.00	957.23	969.08	964.47	969.13	0.000263	2.75	8216.84	1350.74	0.16
Reach-1	44468	Avg Annual	199.00	957.00	958.40	958.40	958.80	0.022915	5.08	39.18	49.16	1.00
Reach-1	44468	0.5-yr	2120.00	957.00	963.19	961.17	963.44	0.001985	4.37	922.15	813.95	0.38
Reach-1	44468	1-yr	2489.00	957.00	963.75	961.55	963.92	0.001406	3.93	1388.96	884.42	0.32
Reach-1	44468	1.5-yr	2625.00	957.00	963.93	961.72	964.09	0.001268	3.81	1552.44	920.31	0.31
Reach-1	44468	2-yr	3052.00	957.00	964.45	962.71	964.58	0.000994	3.58	2062.79	1037.35	0.28
Reach-1	44468	5-yr	4972.00	957.00	966.18	963.60	966.26	0.000556	3.17	4045.12	1250.56	0.22
Reach-1	44468	10-yr	6521.00	957.00	967.21	963.86	967.28	0.000445	3.12	5337.29	1263.35	0.20
Reach-1	44468	50-yr	10790.00	957.00	971.48	964.84	971.51	0.000148	2.42	10900.72	1324.66	0.12
Reach-1	44468	100-yr	13000.00	957.00	972.81	965.22	972.84	0.000135	2.48	12664.37	1332.77	0.12
Reach-1	44468	10-50yrA	7944.00	957.00	968.12	964.37	968.18	0.000376	3.09	6491.20	1274.66	0.19
Reach-1	44468	10-50yrB	9367.00	957.00	969.05	964.65	969.11	0.000321	3.06	7704.96	1309.84	0.18
Reach-1	44418	Avg Annual	199.00	956.00	957.85	957.19	957.94	0.003070	2.48	80.24	64.61	0.39
Reach-1	44418	0.5-yr	2120.00	956.00	963.14	959.80	963.36	0.001056	4.00	984.37	842.98	0.29
Reach-1	44418	1-yr	2489.00	956.00	963.69	960.14	963.87	0.000891	3.81	1465.88	924.67	0.27
Reach-1	44418	1.5-yr	2625.00	956.00	963.87	960.26	964.04	0.000840	3.74	1635.63	951.30	0.26
Reach-1	44418	2-yr	3052.00	956.00	964.40	960.63	964.53	0.000710	3.57	2153.67	997.90	0.24
Reach-1	44418	5-yr	4972.00	956.00	966.15	963.31	966.24	0.000471	3.33	4180.81	1300.83	0.20
Reach-1	44418	10-yr	6521.00	956.00	967.18	963.78	967.26	0.000393	3.29	5534.18	1310.76	0.19
Reach-1	44418	50-yr	10790.00	956.00	971.47	964.78	971.50	0.000140	2.52	11280.31	1367.58	0.12
Reach-1	44418	100-yr	13000.00	956.00	972.80	964.98	972.83	0.000129	2.57	13101.55	1374.11	0.12
Reach-1	44418	10-50yrA	7944.00	956.00	968.10	964.30	968.17	0.000339	3.25	6737.51	1319.53	0.18
Reach-1	44418	10-50yrB	9367.00	956.00	969.03	964.57	969.09	0.000292	3.19	7978.50	1335.03	0.17
Reach-1	44218	Avg Annual	199.00	954.81	957.42	956.53	957.60	0.001061	3.37	59.03	34.62	0.45
Reach-1	44218	0.5-yr	2120.00	954.81	962.68	960.21	963.17	0.000688	5.69	435.25	163.07	0.43
Reach-1	44218	1-yr	2489.00	954.81	963.12	960.58	963.67	0.000720	6.06	522.16	224.96	0.45
Reach-1	44218	1.5-yr	2625.00	954.81	963.27	960.72	963.84	0.000730	6.18	556.49	229.45	0.45
Reach-1	44218	2-yr	3052.00	954.81	963.73	961.15	964.34	0.000750	6.50	664.00	242.96	0.46
Reach-1	44218	5-yr	4972.00	954.81	965.39	963.29	966.06	0.000703	7.27	1540.31	764.46	0.46
Reach-1	44218	10-yr	6521.00	954.81	966.62	964.08	967.13	0.000517	6.88	2495.33	785.85	0.41
Reach-1	44218	50-yr	10790.00	954.81	971.29	966.39	971.46	0.000147	4.86	6254.67	823.90	0.23
Reach-1	44218	100-yr	13000.00	954.81	972.62	966.90	972.79	0.000136	4.97	7360.72	834.07	0.23
Reach-1	44218	10-50yrA	7944.00	954.81	967.64	965.58	968.06	0.000414	6.62	3301.87	794.17	0.37
Reach-1	44218	10-50yrB	9367.00	954.81	968.65	966.07	969.00	0.000338	6.38	4108.68	802.40	0.34
Reach-1	43958	Avg Annual	199.00	953.50	957.35	955.38	957.43	0.000312	2.29	86.96	35.15	0.26
Reach-1	43958	0.5-yr	2120.00	953.50	962.76	959.65	962.96	0.000324	4.07	960.59	347.30	0.30
Reach-1	43958	1-yr	2489.00	953.50	963.23	960.28	963.45	0.000331	4.28	1147.50	429.82	0.30
Reach-1	43958	1.5-yr	2625.00	953.50	963.39	960.43	963.61	0.000331	4.33	1218.70	457.44	0.30
Reach-1	43958	2-yr	3052.00	953.50	963.86	960.84	964.10	0.000337	4.53	1466.82	591.25	0.31
Reach-1	43958	5-yr	4972.00	953.50	965.58	962.26	965.81	0.000300	4.85	2799.26	1033.27	0.30



Reach-1	43958	10-yr	6521.00	953.50	966.74	963.06	966.94	0.000246	4.81	4093.35	1149.53	0.28
Reach-1	43958	50-yr	10790.00	953.50	971.33	964.91	971.40	0.000073	3.41	9455.94	1187.03	0.16
Reach-1	43958	100-yr	13000.00	953.50	972.67	965.63	972.74	0.000067	3.48	11047.57	1197.94	0.16
Reach-1	43958	10-50yrA	7944.00	953.50	967.74	963.41	967.91	0.000199	4.62	5246.89	1157.70	0.25
Reach-1	43958	10-50yrB	9367.00	953.50	968.74	964.51	968.88	0.000163	4.46	6404.06	1165.84	0.23
Reach-1	39618	Avg Annual	199.00	953.10	957.00	954.72	957.01	0.000043	0.93	212.88	77.98	0.10
Reach-1	39618	0.5-yr	2120.00	953.10	961.90	957.11	962.05	0.000143	3.22	868.08	272.72	0.21
Reach-1	39618	1-yr	2489.00	953.10	962.29	957.44	962.47	0.000159	3.52	981.18	299.89	0.22
Reach-1	39618	1.5-yr	2625.00	953.10	962.43	957.56	962.62	0.000165	3.62	1022.62	309.66	0.23
Reach-1	39618	2-yr	3052.00	953.10	962.83	957.91	963.05	0.000180	3.92	1153.63	338.71	0.24
Reach-1	39618	5-yr	4972.00	953.10	964.42	959.32	964.71	0.000217	4.83	1773.85	426.40	0.27
Reach-1	39618	10-yr	6521.00	953.10	965.64	960.67	965.95	0.000210	5.14	2302.94	437.88	0.27
Reach-1	39618	50-yr	10790.00	953.10	970.86	963.03	971.04	0.000093	4.42	4788.90	557.06	0.19
Reach-1	39618	100-yr	13000.00	953.10	972.19	964.14	972.39	0.000093	4.67	5579.64	621.42	0.20
Reach-1	39618	10-50yrA	7944.00	953.10	966.72	961.62	967.03	0.000199	5.32	2781.96	448.02	0.27
Reach-1	39618	10-50yrB	9367.00	953.10	967.80	962.36	968.11	0.000184	5.43	3272.66	458.17	0.26
Reach-1	39520	Avg Annual	199.00	955.10	956.95	956.25	957.00	0.000495	1.85	107.68	90.00	0.30
Reach-1	39520	0.5-yr	2120.00	955.10	961.79	958.32	962.02	0.000292	3.90	543.23	90.00	0.28
Reach-1	39520	1-yr	2489.00	955.10	962.15	958.61	962.44	0.000335	4.32	575.90	90.00	0.30
Reach-1	39520	1.5-yr	2625.00	955.10	962.27	958.72	962.58	0.000350	4.47	586.94	90.00	0.31
Reach-1	39520	2-yr	3052.00	955.10	962.63	959.04	963.01	0.000400	4.93	619.19	90.00	0.33
Reach-1	39520	5-yr	4972.00	955.10	963.93	960.31	964.64	0.000617	6.76	736.00	90.00	0.42
Reach-1	39520	10-yr	6521.00	955.10	964.87	961.19	965.85	0.000757	7.95	820.35	90.00	0.46
Reach-1	39520	50-yr	10790.00	955.10	969.89	963.39	970.94	0.000518	8.30	1486.73	228.75	0.39
Reach-1	39520	100-yr	13000.00	955.10	971.05	964.40	972.27	0.000567	9.04	1783.58	281.06	0.41
Reach-1	39520	10-50yrA	7944.00	955.10	965.68	961.98	966.91	0.000861	8.89	893.78	90.00	0.50
Reach-1	39520	10-50yrB	9367.00	955.10	966.51	962.70	967.97	0.000934	9.67	968.74	90.00	0.52
Reach-1	39503		Bridge									
Reach-1	39486	Avg Annual	199.00	955.10	956.93	956.25	956.98	0.000522	1.88	105.96	90.00	0.31
Reach-1	39486	0.5-yr	2120.00	955.10	961.78	958.33	962.01	0.000294	3.91	542.26	90.00	0.28
Reach-1	39486	1-yr	2489.00	955.10	962.14	958.62	962.43	0.000337	4.33	574.77	90.00	0.30
Reach-1	39486	1.5-yr	2625.00	955.10	962.26	958.73	962.57	0.000353	4.48	585.75	90.00	0.31
Reach-1	39486	2-yr	3052.00	955.10	962.61	959.04	962.99	0.000403	4.94	617.81	90.00	0.33
Reach-1	39486	5-yr	4972.00	955.10	963.90	960.31	964.62	0.000623	6.78	733.74	90.00	0.42
Reach-1	39486	10-yr	6521.00	955.10	964.83	961.19	965.82	0.000765	7.98	817.47	90.00	0.47
Reach-1	39486	50-yr	10790.00	955.10	967.38	963.39	969.03	0.000978	10.31	1054.04	115.97	0.53
Reach-1	39486	100-yr	13000.00	955.10	968.98	964.40	970.78	0.000942	10.82	1297.28	187.89	0.52
Reach-1	39486	10-50yrA	7944.00	955.10	965.64	961.98	966.88	0.000871	8.92	890.41	90.00	0.50
Reach-1	39486	10-50yrB	9367.00	955.10	966.47	962.70	967.94	0.000945	9.71	965.01	90.00	0.52
Reach-1	39408	Avg Annual	199.00	954.19	956.90	955.32	956.95	0.000258	1.90	104.48	51.17	0.23
Reach-1	39408	0.5-yr	2120.00	954.19	961.67	958.68	961.97	0.000592	4.46	475.82	121.63	0.40
Reach-1	39408	1-yr	2489.00	954.19	962.03	959.08	962.39	0.000654	4.77	522.21	132.85	0.42
Reach-1	39408	1.5-yr	2625.00	954.19	962.16	959.22	962.53	0.000656	4.87	539.65	143.88	0.42
Reach-1	39408	2-yr	3052.00	954.19	962.53	959.63	962.95	0.000663	5.19	599.39	176.51	0.43
Reach-1	39408	5-yr	4972.00	954.19	963.94	961.41	964.53	0.000675	6.27	933.54	299.39	0.45
Reach-1	39408	10-yr	6521.00	954.19	965.04	962.29	965.66	0.000591	6.57	1345.52	451.91	0.44

Reach-1	39408	50-yr	10790.00	954.19	968.19	964.45	968.62	0.000306	6.06	3185.29	628.45	0.33
Reach-1	39408	100-yr	13000.00	954.19	969.97	965.24	970.31	0.000215	5.66	4350.20	683.93	0.29
Reach-1	39408	10-50yrA	7944.00	954.19	966.05	963.05	966.63	0.000492	6.57	1876.30	589.79	0.41
Reach-1	39408	10-50yrB	9367.00	954.19	967.09	963.74	967.60	0.000393	6.36	2506.22	613.44	0.37
Reach-1	39108	Avg Annual	199.00	953.50	956.90	954.60	956.91	0.000044	0.94	210.94	78.80	0.10
Reach-1	39108	0.5-yr	2120.00	953.50	961.66	957.05	961.85	0.000172	3.50	605.89	91.92	0.23
Reach-1	39108	1-yr	2489.00	953.50	962.01	957.37	962.25	0.000201	3.91	635.82	93.54	0.25
Reach-1	39108	1.5-yr	2625.00	953.50	962.13	957.50	962.39	0.000212	4.06	646.10	95.56	0.26
Reach-1	39108	2-yr	3052.00	953.50	962.49	957.84	962.80	0.000247	4.51	676.24	101.47	0.28
Reach-1	39108	5-yr	4972.00	953.50	963.74	959.22	964.37	0.000401	6.35	783.03	122.41	0.37
Reach-1	39108	10-yr	6521.00	953.50	964.55	960.22	965.46	0.000522	7.66	851.48	163.32	0.43
Reach-1	39108	50-yr	10790.00	953.50	967.33	962.48	968.44	0.000561	8.70	1614.15	286.66	0.45
Reach-1	39108	100-yr	13000.00	953.50	969.13	963.54	970.16	0.000453	8.59	2162.78	322.68	0.41
Reach-1	39108	10-50yrA	7944.00	953.50	965.45	961.00	966.43	0.000594	8.01	1117.12	223.42	0.45
Reach-1	39108	10-50yrB	9367.00	953.50	966.31	961.76	967.40	0.000609	8.52	1332.04	266.25	0.46
Reach-1	39010	Avg Annual	199.00	954.30	956.86	955.77	956.90	0.000296	1.68	118.66	77.85	0.24
Reach-1	39010	0.5-yr	2120.00	954.30	961.52	958.18	961.82	0.000363	4.39	482.48	78.39	0.31
Reach-1	39010	1-yr	2489.00	954.30	961.84	958.49	962.21	0.000427	4.90	507.54	78.43	0.34
Reach-1	39010	1.5-yr	2625.00	954.30	961.94	958.62	962.35	0.000451	5.09	516.04	78.44	0.35
Reach-1	39010	2-yr	3052.00	954.30	962.26	958.95	962.75	0.000527	5.65	540.63	78.48	0.38
Reach-1	39010	5-yr	4972.00	954.30	963.28	960.36	964.28	0.000908	8.01	621.04	78.59	0.50
Reach-1	39010	10-yr	6521.00	954.30	963.83	961.35	965.32	0.001270	9.82	663.92	78.66	0.60
Reach-1	39010	50-yr	10790.00	954.30	964.88	963.74	968.12	0.002422	14.45	746.66	78.78	0.83
Reach-1	39010	100-yr	13000.00	954.30	966.14	964.82	969.81	0.002399	15.36	846.21	78.92	0.83
Reach-1	39010	10-50yrA	7944.00	954.30	964.19	962.17	966.23	0.001655	11.47	692.54	78.70	0.68
Reach-1	39010	10-50yrB	9367.00	954.30	964.48	962.98	967.14	0.002079	13.09	715.68	78.73	0.77
Reach-1	38988		Bridge									
Reach-1	38966	Avg Annual	199.00	954.30	956.85	955.77	956.89	0.000305	1.69	117.57	77.85	0.24
Reach-1	38966	0.5-yr	2120.00	954.30	961.50	958.18	961.80	0.000367	4.41	481.09	78.39	0.31
Reach-1	38966	1-yr	2489.00	954.30	961.81	958.50	962.19	0.000432	4.92	505.86	78.42	0.34
Reach-1	38966	1.5-yr	2625.00	954.30	961.92	958.61	962.33	0.000456	5.10	514.26	78.44	0.35
Reach-1	38966	2-yr	3052.00	954.30	962.23	958.95	962.73	0.000533	5.67	538.51	78.47	0.38
Reach-1	38966	5-yr	4972.00	954.30	963.23	960.36	964.24	0.000927	8.06	616.82	78.59	0.51
Reach-1	38966	10-yr	6521.00	954.30	963.74	961.35	965.27	0.001312	9.93	656.98	78.65	0.61
Reach-1	38966	50-yr	10790.00	954.30	963.74	963.74	967.93	0.003584	16.41	657.44	78.65	1.00
Reach-1	38966	100-yr	13000.00	954.30	964.82	964.82	969.59	0.003580	17.51	742.24	78.77	1.01
Reach-1	38966	10-50yrA	7944.00	954.30	964.04	962.17	966.15	0.001746	11.67	680.53	78.68	0.70
Reach-1	38966	10-50yrB	9367.00	954.30	964.20	962.98	967.03	0.002296	13.52	693.00	78.70	0.80
Reach-1	38568	Avg Annual	199.00	953.87	956.74	955.04	956.79	0.000211	1.73	114.90	56.00	0.21
Reach-1	38568	0.5-yr	2120.00	953.87	961.34	958.29	961.64	0.000415	4.51	578.43	269.98	0.35
Reach-1	38568	1-yr	2489.00	953.87	961.65	958.64	962.01	0.000465	4.90	669.71	314.31	0.37
Reach-1	38568	1.5-yr	2625.00	953.87	961.76	958.77	962.13	0.000482	5.03	704.25	329.53	0.38
Reach-1	38568	2-yr	3052.00	953.87	962.08	959.16	962.49	0.000522	5.38	817.38	378.61	0.39
Reach-1	38568	5-yr	4972.00	953.87	963.28	961.09	963.80	0.000572	6.39	1409.44	603.85	0.43
Reach-1	38568	10-yr	6521.00	953.87	964.10	962.31	964.64	0.000561	6.81	1966.19	739.52	0.43
Reach-1	38568	50-yr	10790.00	953.87	965.79	964.00	966.32	0.000513	7.42	3243.51	772.26	0.42

Reach-1	38568	100-yr	13000.00	953.87	966.67	964.59	967.17	0.000463	7.48	3926.42	789.21	0.41
Reach-1	38568	10-50yrA	7944.00	953.87	964.83	962.97	965.33	0.000502	6.84	2510.73	753.65	0.41
Reach-1	38568	10-50yrB	9367.00	953.87	965.51	963.50	965.97	0.000457	6.87	3023.01	766.71	0.40
Reach-1	37588	Avg Annual	222.00	952.80	956.54	955.03	956.58	0.000216	1.59	139.98	79.35	0.21
Reach-1	37588	0.5-yr	2364.00	952.80	960.97	957.78	961.26	0.000365	4.40	674.25	460.21	0.33
Reach-1	37588	1-yr	2775.00	952.80	961.23	958.13	961.57	0.000414	4.81	798.01	474.92	0.35
Reach-1	37588	1.5-yr	2926.00	952.80	961.32	958.25	961.68	0.000429	4.94	841.95	477.81	0.36
Reach-1	37588	2-yr	3402.00	952.80	961.61	958.61	962.01	0.000469	5.31	978.25	486.68	0.37
Reach-1	37588	5-yr	5543.00	952.80	962.74	960.05	963.25	0.000553	6.37	1559.50	532.26	0.42
Reach-1	37588	10-yr	7270.00	952.80	963.56	961.88	964.10	0.000554	6.85	1998.12	544.27	0.42
Reach-1	37588	50-yr	12028.00	952.80	964.99	963.24	965.72	0.000673	8.42	2795.12	565.45	0.48
Reach-1	37588	100-yr	14492.00	952.80	965.87	963.76	966.61	0.000641	8.71	3293.80	578.30	0.48
Reach-1	37588	10-50yrA	8856.00	952.80	964.25	962.43	964.81	0.000545	7.17	2378.39	554.47	0.43
Reach-1	37588	10-50yrB	10442.00	952.80	964.90	962.89	965.48	0.000532	7.43	2744.00	564.11	0.43
Reach-1	37238	Avg Annual	222.00	952.60	956.53	954.00	956.54	0.000038	0.82	271.20	113.98	0.09
Reach-1	37238	0.5-yr	2364.00	952.60	961.05	956.51	961.14	0.000100	2.55	1425.28	715.38	0.18
Reach-1	37238	1-yr	2775.00	952.60	961.32	956.80	961.43	0.000113	2.79	1634.16	793.59	0.19
Reach-1	37238	1.5-yr	2926.00	952.60	961.42	956.91	961.53	0.000117	2.87	1711.70	820.73	0.19
Reach-1	37238	2-yr	3402.00	952.60	961.71	957.19	961.84	0.000129	3.10	1963.56	903.27	0.20
Reach-1	37238	5-yr	5543.00	952.60	962.87	958.40	963.03	0.000152	3.72	3098.90	991.11	0.23
Reach-1	37238	10-yr	7270.00	952.60	963.70	959.30	963.86	0.000154	3.99	3917.68	996.87	0.23
Reach-1	37238	50-yr	12028.00	952.60	965.19	961.68	965.41	0.000186	4.86	5417.05	1007.35	0.26
Reach-1	37238	100-yr	14492.00	952.60	966.07	962.40	966.29	0.000180	5.03	6306.11	1013.51	0.26
Reach-1	37238	10-50yrA	8856.00	952.60	964.40	960.41	964.56	0.000153	4.18	4615.93	1001.77	0.24
Reach-1	37238	10-50yrB	10442.00	952.60	965.05	961.17	965.23	0.000150	4.33	5278.35	1006.38	0.24
Reach-1	36688	Avg Annual	222.00	952.70	956.51	953.76	956.52	0.000041	0.91	244.25	92.53	0.10
Reach-1	36688	0.5-yr	2364.00	952.70	961.05	956.60	961.08	0.000055	1.89	3240.67	1547.50	0.13
Reach-1	36688	1-yr	2775.00	952.70	961.33	956.90	961.36	0.000058	2.00	3684.29	1587.40	0.14
Reach-1	36688	1.5-yr	2926.00	952.70	961.43	957.02	961.46	0.000059	2.03	3840.96	1601.26	0.14
Reach-1	36688	2-yr	3402.00	952.70	961.73	957.38	961.76	0.000061	2.13	4325.45	1643.37	0.14
Reach-1	36688	5-yr	5543.00	952.70	962.91	959.17	962.94	0.000062	2.37	6303.57	1682.91	0.14
Reach-1	36688	10-yr	7270.00	952.70	963.73	959.82	963.77	0.000060	2.49	7699.42	1683.73	0.15
Reach-1	36688	50-yr	12028.00	952.70	965.25	960.79	965.30	0.000070	2.99	10250.52	1685.25	0.16
Reach-1	36688	100-yr	14492.00	952.70	966.13	961.16	966.18	0.000067	3.08	11740.01	1686.13	0.16
Reach-1	36688	10-50yrA	8856.00	952.70	964.44	960.21	964.48	0.000059	2.59	8882.10	1684.44	0.15
Reach-1	36688	10-50yrB	10442.00	952.70	965.10	960.52	965.14	0.000057	2.67	9998.32	1685.10	0.14
Reach-1	35213	Avg Annual	222.00	951.76	956.42	953.15	956.44	0.000063	1.27	174.34	53.85	0.12
Reach-1	35213	0.5-yr	2364.00	951.76	960.94	957.18	960.98	0.000086	2.33	3026.76	1444.68	0.16
Reach-1	35213	1-yr	2775.00	951.76	961.22	958.55	961.26	0.000086	2.39	3436.80	1446.10	0.16
Reach-1	35213	1.5-yr	2926.00	951.76	961.32	958.81	961.36	0.000086	2.41	3579.10	1446.59	0.16
Reach-1	35213	2-yr	3402.00	951.76	961.62	959.20	961.66	0.000086	2.48	4012.49	1448.09	0.16
Reach-1	35213	5-yr	5543.00	951.76	962.80	960.09	962.84	0.000083	2.69	5728.70	1454.00	0.17
Reach-1	35213	10-yr	7270.00	951.76	963.63	960.43	963.67	0.000080	2.83	6939.85	1458.16	0.17
Reach-1	35213	50-yr	12028.00	951.76	965.13	961.06	965.18	0.000095	3.41	9124.94	1465.64	0.18
Reach-1	35213	100-yr	14492.00	951.76	966.01	961.31	966.07	0.000091	3.52	10428.13	1470.11	0.18
Reach-1	35213	10-50yrA	8856.00	951.76	964.34	960.62	964.38	0.000078	2.94	7968.23	1461.68	0.17
Reach-1	35213	10-50yrB	10442.00	951.76	965.00	960.90	965.05	0.000076	3.03	8940.70	1465.01	0.17

Reach-1	0	Avg Annual	222.00	948.30	948.73	948.73	948.94	0.007594	3.68	60.34	166.56	0.99
Reach-1	0	0.5-yr	2364.00	948.30	950.35	950.35	951.40	0.004879	8.22	287.51	263.34	1.01
Reach-1	0	1-yr	2775.00	948.30	950.59	950.59	951.75	0.004637	8.62	321.84	268.06	1.01
Reach-1	0	1.5-yr	2926.00	948.30	950.68	950.68	951.87	0.004547	8.75	334.36	269.78	1.00
Reach-1	0	2-yr	3402.00	948.30	950.94	950.94	952.25	0.004393	9.19	370.33	274.72	1.00
Reach-1	0	5-yr	5543.00	948.30	951.94	951.94	953.76	0.004031	10.82	512.19	294.17	1.00
Reach-1	0	10-yr	7270.00	948.30	952.66	952.66	954.84	0.003853	11.85	613.32	308.01	1.00
Reach-1	0	50-yr	12028.00	948.30	954.01	954.01	955.63	0.002559	11.44	1531.60	389.44	0.85
Reach-1	0	100-yr	14492.00	948.30	954.11	954.11	956.36	0.003485	13.51	1570.22	393.75	0.99
Reach-1	0	10-50yrA	8856.00	948.30	953.28	953.28	955.75	0.003684	12.61	702.20	320.16	1.00
Reach-1	0	10-50yrB	10442.00	948.30	953.87	953.87	956.62	0.003572	13.31	784.77	331.42	1.00

Profile Output Table - Standard Table 1

HEC-RAS Plan: Post\_March2009 River: RIVER-1 Reach: Reach-1

# Rivers = 1  
 # Hydraulic Reaches = 1  
 # River Stations = 214  
 # Plans = 1  
 # Profiles = 11

Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #	Chl
Reach-1	55622	Avg Annual	134.00	974.00	974.58	974.58	974.86	0.025938	4.28	31.29	55.59	1.01	
Reach-1	55622	0.5-yr	1422.00	974.00	978.49	976.72	978.92	0.002941	5.30	273.06	77.48	0.46	
Reach-1	55622	1-yr	1670.00	974.00	979.26	977.02	979.67	0.002296	5.18	333.50	79.87	0.42	
Reach-1	55622	1.5-yr	1761.00	974.00	979.51	977.13	979.92	0.002145	5.17	354.31	80.66	0.41	
Reach-1	55622	2-yr	2047.00	974.00	980.28	977.44	980.68	0.001806	5.15	417.19	82.98	0.38	
Reach-1	55622	5-yr	3336.00	974.00	982.46	978.80	982.98	0.001632	5.88	605.11	89.32	0.38	
Reach-1	55622	10-yr	4375.00	974.00	984.81	979.68	985.30	0.001189	5.80	827.01	106.60	0.33	
Reach-1	55622	50-yr	7239.00	974.00	988.89	981.64	989.36	0.000865	5.96	1810.43	449.28	0.30	
Reach-1	55622	100-yr	8721.00	974.00	989.47	982.51	990.01	0.000975	6.52	2082.23	486.01	0.32	
Reach-1	55622	10-50yrA	5330.00	974.00	986.77	980.36	987.25	0.000976	5.75	1105.85	222.90	0.31	
Reach-1	55622	10-50yrB	6285.00	974.00	987.60	981.01	988.14	0.001062	6.19	1322.65	287.03	0.32	
Reach-1	55500	Avg Annual	134.00	970.10	972.48	971.16	972.52	0.000633	1.42	94.23	53.73	0.19	
Reach-1	55500	0.5-yr	1422.00	970.10	978.60	973.55	978.73	0.000488	2.88	494.40	77.66	0.20	
Reach-1	55500	1-yr	1670.00	970.10	979.35	973.86	979.50	0.000488	3.02	553.87	80.87	0.20	
Reach-1	55500	1.5-yr	1761.00	970.10	979.61	973.97	979.75	0.000490	3.06	574.64	82.14	0.20	
Reach-1	55500	2-yr	2047.00	970.10	980.37	974.31	980.53	0.000494	3.21	638.32	85.61	0.21	
Reach-1	55500	5-yr	3336.00	970.10	982.56	975.64	982.80	0.000614	3.99	835.61	94.43	0.24	
Reach-1	55500	10-yr	4375.00	970.10	984.90	976.57	985.16	0.000537	4.10	1067.75	104.48	0.23	
Reach-1	55500	50-yr	7239.00	970.10	988.97	978.71	989.24	0.000425	4.36	2160.49	454.99	0.21	
Reach-1	55500	100-yr	8721.00	970.10	989.55	979.67	989.88	0.000501	4.87	2439.96	507.21	0.23	
Reach-1	55500	10-50yrA	5330.00	970.10	986.86	977.34	987.12	0.000456	4.13	1396.69	275.03	0.21	
Reach-1	55500	10-50yrB	6285.00	970.10	987.70	978.05	988.00	0.000497	4.43	1654.49	340.70	0.22	
Reach-1	55482.*	Avg Annual	134.00	970.10	972.47	971.17	972.50	0.000648	1.43	93.52	53.66	0.19	
Reach-1	55482.*	0.5-yr	1422.00	970.10	978.59	973.54	978.72	0.000490	2.88	493.61	77.62	0.20	
Reach-1	55482.*	1-yr	1670.00	970.10	979.34	973.84	979.49	0.000490	3.02	553.05	80.82	0.20	
Reach-1	55482.*	1.5-yr	1761.00	970.10	979.60	973.97	979.74	0.000492	3.07	573.80	82.09	0.20	
Reach-1	55482.*	2-yr	2047.00	970.10	980.36	974.31	980.52	0.000496	3.21	637.43	85.56	0.21	
Reach-1	55482.*	5-yr	3336.00	970.10	982.54	975.64	982.79	0.000617	4.00	834.38	94.38	0.24	
Reach-1	55482.*	10-yr	4375.00	970.10	984.89	976.57	985.15	0.000538	4.10	1066.56	104.43	0.23	
Reach-1	55482.*	50-yr	7239.00	970.10	988.85	978.71	989.23	0.000494	4.88	1485.49	444.96	0.23	
Reach-1	55482.*	100-yr	8721.00	970.10	989.35	979.68	989.85	0.000638	5.68	1537.98	489.78	0.26	
Reach-1	55482.*	10-50yrA	5330.00	970.10	986.84	977.35	987.12	0.000447	4.19	1272.72	274.34	0.21	
Reach-1	55482.*	10-50yrB	6285.00	970.10	987.65	978.04	987.99	0.000500	4.63	1358.64	338.96	0.23	
Reach-1	55412	Bridge											
Reach-1	55362.*	Avg Annual	134.00	969.00	972.46	970.52	972.49	0.000304	1.34	99.84	43.90	0.16	



Reach-1	55362.*	0.5-yr	1422.00	969.00	978.52	973.42	978.70	0.000495	3.39	419.97	63.10	0.23
Reach-1	55362.*	1-yr	1670.00	969.00	979.27	973.79	979.47	0.000505	3.57	467.74	65.65	0.24
Reach-1	55362.*	1.5-yr	1761.00	969.00	979.52	973.91	979.72	0.000511	3.64	484.40	66.67	0.24
Reach-1	55362.*	2-yr	2047.00	969.00	980.27	974.31	980.50	0.000529	3.82	535.55	69.74	0.24
Reach-1	55362.*	5-yr	3336.00	969.00	982.40	975.86	982.76	0.000714	4.81	694.11	78.82	0.29
Reach-1	55362.*	10-yr	4375.00	969.00	984.74	976.94	985.12	0.000634	4.92	889.63	88.15	0.27
Reach-1	55362.*	50-yr	7239.00	969.00	987.91	979.39	988.49	0.000702	6.12	1202.64	251.70	0.30
Reach-1	55362.*	100-yr	8721.00	969.00	989.12	980.50	989.81	0.000749	6.71	1329.97	356.40	0.31
Reach-1	55362.*	10-50yrA	5330.00	969.00	986.40	977.82	986.81	0.000581	5.13	1044.12	124.04	0.27
Reach-1	55362.*	10-50yrB	6285.00	969.00	987.00	978.63	987.51	0.000680	5.74	1106.14	145.64	0.29
Reach-1	55342	Avg Annual	134.00	969.00	972.45	970.52	972.47	0.000311	1.35	99.17	43.86	0.16
Reach-1	55342	0.5-yr	1422.00	969.00	978.50	973.40	978.68	0.000526	3.40	418.33	63.01	0.23
Reach-1	55342	1-yr	1670.00	969.00	979.24	973.76	979.44	0.000553	3.58	465.97	65.54	0.24
Reach-1	55342	1.5-yr	1761.00	969.00	979.49	973.89	979.70	0.000566	3.65	482.57	66.55	0.24
Reach-1	55342	2-yr	2047.00	969.00	980.24	974.28	980.47	0.000601	3.84	533.53	69.62	0.24
Reach-1	55342	5-yr	3336.00	969.00	982.36	975.85	982.72	0.000860	4.83	690.87	78.64	0.29
Reach-1	55342	10-yr	4375.00	969.00	984.70	976.93	985.08	0.000863	4.94	886.22	87.92	0.27
Reach-1	55342	50-yr	7239.00	969.00	987.88	979.38	988.45	0.000975	6.11	1299.89	238.47	0.30
Reach-1	55342	100-yr	8721.00	969.00	989.12	980.48	989.74	0.000968	6.47	1685.38	356.59	0.30
Reach-1	55342	10-50yrA	5330.00	969.00	986.37	977.83	986.78	0.000816	5.14	1055.10	123.08	0.27
Reach-1	55342	10-50yrB	6285.00	969.00	986.96	978.62	987.47	0.000956	5.76	1134.38	144.53	0.29
Reach-1	55222	Avg Annual	134.00	968.80	972.45	969.70	972.46	0.000070	0.77	173.70	57.54	0.08
Reach-1	55222	0.5-yr	1422.00	968.80	978.52	972.06	978.62	0.000229	2.49	570.48	74.99	0.16
Reach-1	55222	1-yr	1670.00	968.80	979.27	972.38	979.38	0.000259	2.66	627.21	77.69	0.17
Reach-1	55222	1.5-yr	1761.00	968.80	979.52	972.49	979.63	0.000270	2.72	646.88	78.60	0.17
Reach-1	55222	2-yr	2047.00	968.80	980.27	972.83	980.40	0.000305	2.90	706.93	81.64	0.17
Reach-1	55222	5-yr	3336.00	968.80	982.40	974.18	982.62	0.000495	3.75	889.84	90.21	0.21
Reach-1	55222	10-yr	4375.00	968.80	984.74	975.11	984.98	0.000511	3.93	1119.39	113.88	0.21
Reach-1	55222	50-yr	7239.00	968.80	987.94	977.37	988.31	0.000701	4.93	1647.84	306.33	0.23
Reach-1	55222	100-yr	8721.00	968.80	989.20	978.38	989.59	0.000748	5.20	2066.56	357.77	0.24
Reach-1	55222	10-50yrA	5330.00	968.80	986.40	975.90	986.67	0.000528	4.15	1324.90	134.07	0.21
Reach-1	55222	10-50yrB	6285.00	968.80	987.01	976.65	987.34	0.000647	4.65	1409.60	165.54	0.23
Reach-1	55082	Avg Annual	134.00	969.00	972.41	970.25	972.43	0.000156	1.01	132.62	54.28	0.11
Reach-1	55082	0.5-yr	1422.00	969.00	978.45	972.76	978.55	0.000324	2.59	586.40	104.09	0.17
Reach-1	55082	1-yr	1670.00	969.00	979.19	973.08	979.31	0.000323	2.72	665.14	107.80	0.18
Reach-1	55082	1.5-yr	1761.00	969.00	979.45	973.19	979.56	0.000323	2.77	692.42	108.99	0.18
Reach-1	55082	2-yr	2047.00	969.00	980.19	973.54	980.32	0.000329	2.91	775.44	113.38	0.18
Reach-1	55082	5-yr	3336.00	969.00	982.31	974.93	982.50	0.000401	3.66	1046.30	151.18	0.20
Reach-1	55082	10-yr	4375.00	969.00	984.68	975.85	984.87	0.000306	3.69	1463.65	189.75	0.19
Reach-1	55082	50-yr	7239.00	969.00	987.91	978.05	988.16	0.000319	4.39	2219.50	290.31	0.20
Reach-1	55082	100-yr	8721.00	969.00	989.16	978.95	989.44	0.000329	4.70	2618.26	339.23	0.20
Reach-1	55082	10-50yrA	5330.00	969.00	986.37	976.66	986.56	0.000270	3.77	1806.34	242.53	0.18
Reach-1	55082	10-50yrB	6285.00	969.00	986.97	977.39	987.20	0.000314	4.18	1960.26	265.68	0.19
Reach-1	54942	Avg Annual	134.00	969.20	972.36	970.27	972.38	0.000235	1.12	119.74	47.78	0.12
Reach-1	54942	0.5-yr	1422.00	969.20	978.27	972.90	978.42	0.000777	3.09	460.19	74.28	0.22
Reach-1	54942	1-yr	1670.00	969.20	979.01	973.25	979.17	0.000811	3.24	516.13	77.74	0.22
Reach-1	54942	1.5-yr	1761.00	969.20	979.26	973.37	979.43	0.000824	3.29	535.63	78.91	0.22

Reach-1	54942	2-yr	2047.00	969.20	980.00	973.73	980.18	0.000862	3.44	595.23	82.49	0.23
Reach-1	54942	5-yr	3336.00	969.20	982.03	975.22	982.32	0.001209	4.31	773.28	147.01	0.26
Reach-1	54942	10-yr	4375.00	969.20	984.43	976.34	984.72	0.001087	4.34	1007.96	259.74	0.25
Reach-1	54942	50-yr	7239.00	969.20	987.53	978.80	987.98	0.001597	5.35	1354.20	314.88	0.28
Reach-1	54942	100-yr	8721.00	969.20	988.72	979.79	989.24	0.001956	5.81	1500.58	337.44	0.30
Reach-1	54942	10-50yrA	5330.00	969.20	986.10	977.33	986.42	0.001138	4.48	1189.09	289.56	0.24
Reach-1	54942	10-50yrB	6285.00	969.20	986.64	978.12	987.03	0.001420	5.03	1249.67	298.82	0.27
Reach-1	54802	Avg Annual	134.00	970.00	972.28	970.72	972.30	0.000340	1.22	109.42	55.31	0.15
Reach-1	54802	0.5-yr	1422.00	970.00	978.10	973.08	978.22	0.000651	2.86	497.57	85.26	0.21
Reach-1	54802	1-yr	1670.00	970.00	978.83	973.38	978.96	0.000678	2.97	561.53	89.53	0.21
Reach-1	54802	1.5-yr	1761.00	970.00	979.07	973.48	979.22	0.000680	3.02	583.87	90.63	0.21
Reach-1	54802	2-yr	2047.00	970.00	979.81	973.83	979.96	0.000689	3.14	651.73	93.88	0.21
Reach-1	54802	5-yr	3336.00	970.00	981.78	975.15	982.02	0.000923	3.95	843.65	100.89	0.24
Reach-1	54802	10-yr	4375.00	970.00	984.21	976.07	984.45	0.000799	3.98	1099.85	114.07	0.22
Reach-1	54802	50-yr	7239.00	970.00	987.21	978.38	987.59	0.001156	4.98	1455.87	521.19	0.26
Reach-1	54802	100-yr	8721.00	970.00	988.32	979.25	988.79	0.001345	5.45	1621.87	656.99	0.27
Reach-1	54802	10-50yrA	5330.00	970.00	985.88	976.85	986.15	0.000793	4.13	1291.29	327.39	0.22
Reach-1	54802	10-50yrB	6285.00	970.00	986.35	977.72	986.69	0.001017	4.66	1348.21	392.46	0.25
Reach-1	54662	Avg Annual	134.00	970.00	972.15	971.19	972.20	0.000902	1.72	77.81	53.76	0.25
Reach-1	54662	0.5-yr	1422.00	970.00	977.98	973.51	978.11	0.000472	2.92	486.54	89.77	0.22
Reach-1	54662	1-yr	1670.00	970.00	978.71	973.82	978.85	0.000466	3.01	555.47	99.22	0.22
Reach-1	54662	1.5-yr	1761.00	970.00	978.96	973.93	979.11	0.000454	3.04	580.90	104.06	0.22
Reach-1	54662	2-yr	2047.00	970.00	979.71	974.27	979.85	0.000437	3.11	700.13	167.10	0.21
Reach-1	54662	5-yr	3336.00	970.00	981.67	975.55	981.87	0.000539	3.68	1048.64	187.33	0.23
Reach-1	54662	10-yr	4375.00	970.00	984.18	976.42	984.32	0.000358	3.22	1858.65	367.20	0.18
Reach-1	54662	50-yr	7239.00	970.00	987.28	978.48	987.42	0.000294	3.48	3701.69	1017.03	0.17
Reach-1	54662	100-yr	8721.00	970.00	988.47	979.62	988.59	0.000244	3.36	5102.55	1311.49	0.15
Reach-1	54662	10-50yrA	5330.00	970.00	985.90	977.16	986.02	0.000266	3.08	2619.38	602.39	0.16
Reach-1	54662	10-50yrB	6285.00	970.00	986.39	977.87	986.53	0.000306	3.39	2946.36	708.78	0.17
Reach-1	54522	Avg Annual	134.00	967.10	972.17	969.02	972.17	0.000036	0.58	230.90	72.38	0.06
Reach-1	54522	0.5-yr	1422.00	967.10	978.00	971.18	978.07	0.000145	2.02	703.49	91.71	0.13
Reach-1	54522	1-yr	1670.00	967.10	978.73	971.47	978.81	0.000155	2.16	771.69	95.16	0.13
Reach-1	54522	1.5-yr	1761.00	967.10	978.98	971.58	979.06	0.000160	2.21	795.63	96.37	0.14
Reach-1	54522	2-yr	2047.00	967.10	979.72	971.88	979.81	0.000180	2.36	868.08	100.07	0.14
Reach-1	54522	5-yr	3336.00	967.10	981.67	973.04	981.82	0.000285	3.10	1143.05	223.23	0.17
Reach-1	54522	10-yr	4375.00	967.10	984.17	973.87	984.29	0.000194	2.95	2028.44	536.13	0.15
Reach-1	54522	50-yr	7239.00	967.10	987.25	975.81	987.39	0.000192	3.40	3873.49	1305.30	0.15
Reach-1	54522	100-yr	8721.00	967.10	988.44	976.71	988.57	0.000169	3.35	5164.48	1764.25	0.14
Reach-1	54522	10-50yrA	5330.00	967.10	985.89	974.56	985.99	0.000156	2.89	2823.18	657.71	0.13
Reach-1	54522	10-50yrB	6285.00	967.10	986.37	975.19	986.51	0.000190	3.25	3133.98	904.65	0.15
Reach-1	54382	Avg Annual	134.00	969.00	972.15	970.09	972.17	0.000137	0.92	144.89	61.60	0.11
Reach-1	54382	0.5-yr	1422.00	969.00	977.95	972.37	978.05	0.000254	2.44	582.63	88.48	0.17
Reach-1	54382	1-yr	1670.00	969.00	978.68	972.67	978.79	0.000252	2.58	648.20	91.72	0.17
Reach-1	54382	1.5-yr	1761.00	969.00	978.93	972.78	979.04	0.000252	2.63	671.18	92.84	0.17
Reach-1	54382	2-yr	2047.00	969.00	979.66	973.10	979.78	0.000252	2.78	740.52	96.14	0.17
Reach-1	54382	5-yr	3336.00	969.00	981.59	974.34	981.78	0.000341	3.56	1040.03	218.94	0.20
Reach-1	54382	10-yr	4375.00	969.00	984.12	975.20	984.26	0.000250	3.25	1893.02	647.93	0.17

Reach-1	54382	50-yr	7239.00	969.00	987.24	977.21	987.37	0.000218	3.45	3995.82	1523.33	0.16
Reach-1	54382	100-yr	8721.00	969.00	988.43	978.10	988.54	0.000185	3.34	5452.17	1834.04	0.15
Reach-1	54382	10-50yrA	5330.00	969.00	985.86	975.92	985.98	0.000200	3.10	2647.02	905.69	0.15
Reach-1	54382	10-50yrB	6285.00	969.00	986.34	976.60	986.48	0.000239	3.47	3029.49	1396.50	0.16
Reach-1	54242	Avg Annual	134.00	969.00	972.14	970.01	972.16	0.000113	0.85	157.34	65.18	0.10
Reach-1	54242	0.5-yr	1422.00	969.00	977.93	972.18	978.02	0.000236	2.38	598.00	88.46	0.16
Reach-1	54242	1-yr	1670.00	969.00	978.66	972.47	978.76	0.000242	2.52	663.47	91.48	0.16
Reach-1	54242	1.5-yr	1761.00	969.00	978.91	972.58	979.01	0.000245	2.57	686.39	92.52	0.17
Reach-1	54242	2-yr	2047.00	969.00	979.65	972.89	979.76	0.000252	2.71	755.39	95.57	0.17
Reach-1	54242	5-yr	3336.00	969.00	981.56	974.11	981.75	0.000380	3.52	946.56	104.28	0.21
Reach-1	54242	10-yr	4375.00	969.00	984.03	974.96	984.23	0.000378	3.60	1217.00	405.68	0.19
Reach-1	54242	50-yr	7239.00	969.00	987.12	976.97	987.33	0.000433	3.96	2821.47	1408.29	0.20
Reach-1	54242	100-yr	8721.00	969.00	988.35	977.86	988.52	0.000342	3.74	4274.53	1881.26	0.18
Reach-1	54242	10-50yrA	5330.00	969.00	985.74	975.66	985.94	0.000422	3.64	1753.51	830.24	0.19
Reach-1	54242	10-50yrB	6285.00	969.00	986.21	976.31	986.44	0.000495	4.03	2040.46	1072.06	0.21
Reach-1	54102	Avg Annual	134.00	968.80	972.13	969.75	972.14	0.000105	0.85	157.96	62.25	0.09
Reach-1	54102	0.5-yr	1422.00	968.80	977.91	972.13	978.00	0.000239	2.42	588.11	87.02	0.16
Reach-1	54102	1-yr	1670.00	968.80	978.63	972.42	978.74	0.000248	2.56	652.72	90.83	0.17
Reach-1	54102	1.5-yr	1761.00	968.80	978.88	972.54	978.99	0.000252	2.61	675.48	92.14	0.17
Reach-1	54102	2-yr	2047.00	968.80	979.62	972.85	979.73	0.000263	2.75	744.50	96.27	0.17
Reach-1	54102	5-yr	3336.00	968.80	981.52	974.13	981.71	0.000390	3.56	938.09	108.53	0.21
Reach-1	54102	10-yr	4375.00	968.80	984.00	974.98	984.19	0.000333	3.53	1287.57	462.51	0.20
Reach-1	54102	50-yr	7239.00	968.80	987.12	977.03	987.29	0.000239	3.59	3789.24	1693.61	0.18
Reach-1	54102	100-yr	8721.00	968.80	988.35	977.95	988.48	0.000188	3.39	5367.61	1973.15	0.16
Reach-1	54102	10-50yrA	5330.00	968.80	985.73	975.72	985.90	0.000249	3.40	2289.46	951.22	0.18
Reach-1	54102	10-50yrB	6285.00	968.80	986.20	976.39	986.39	0.000281	3.71	2720.16	1454.52	0.19
Reach-1	53962	Avg Annual	134.00	968.00	972.12	969.50	972.13	0.000133	0.94	142.12	56.95	0.11
Reach-1	53962	0.5-yr	1422.00	968.00	977.84	972.31	977.95	0.001500	2.61	544.03	92.98	0.19
Reach-1	53962	1-yr	1670.00	968.00	978.56	972.64	978.68	0.002123	2.72	612.86	97.58	0.19
Reach-1	53962	1.5-yr	1761.00	968.00	978.81	972.75	978.93	0.002327	2.76	637.23	99.28	0.19
Reach-1	53962	2-yr	2047.00	968.00	979.54	973.09	979.67	0.002894	2.88	711.47	104.18	0.19
Reach-1	53962	5-yr	3336.00	968.00	981.41	974.42	981.61	0.005303	3.64	916.75	115.57	0.23
Reach-1	53962	10-yr	4375.00	968.00	983.91	975.35	984.11	0.004743	3.58	1224.57	130.96	0.20
Reach-1	53962	50-yr	7239.00	968.00	987.13	977.71	987.21	0.001770	2.65	3368.29	1558.49	0.13
Reach-1	53962	100-yr	8721.00	968.00	988.37	978.57	988.42	0.000950	2.07	4961.99	2089.45	0.10
Reach-1	53962	10-50yrA	5330.00	968.00	985.70	976.16	985.83	0.002851	3.11	2006.39	943.30	0.16
Reach-1	53962	10-50yrB	6285.00	968.00	986.18	977.06	986.31	0.002872	3.21	2356.18	1273.90	0.16
Reach-1	53822	Avg Annual	134.00	968.00	972.11	969.19	972.12	0.000104	0.85	157.61	61.18	0.09
Reach-1	53822	0.5-yr	1422.00	968.00	977.80	972.10	977.90	0.000266	2.56	554.77	80.40	0.17
Reach-1	53822	1-yr	1670.00	968.00	978.51	972.40	978.63	0.000278	2.72	613.08	83.37	0.18
Reach-1	53822	1.5-yr	1761.00	968.00	978.75	972.49	978.87	0.000283	2.78	633.58	84.59	0.18
Reach-1	53822	2-yr	2047.00	968.00	979.47	972.82	979.61	0.000300	2.94	695.66	88.21	0.18
Reach-1	53822	5-yr	3336.00	968.00	981.28	974.10	981.51	0.000449	3.86	863.16	96.78	0.23
Reach-1	53822	10-yr	4375.00	968.00	983.77	975.00	984.01	0.000478	3.86	1134.26	120.26	0.22
Reach-1	53822	50-yr	7239.00	968.00	986.86	977.12	987.10	0.000696	4.15	2331.78	639.83	0.22
Reach-1	53822	100-yr	8721.00	968.00	988.14	978.08	988.34	0.000561	4.02	3260.61	937.20	0.20
Reach-1	53822	10-50yrA	5330.00	968.00	985.50	975.77	985.72	0.000602	3.80	1633.09	439.18	0.21

Reach-1	53822	10-50yrB	6285.00	968.00	985.92	976.49	986.18	0.000785	4.20	1822.04	469.93	0.23
Reach-1	53682	Avg Annual	134.00	968.40	972.10	969.51	972.11	0.000102	0.90	149.48	52.95	0.09
Reach-1	53682	0.5-yr	1422.00	968.40	977.75	972.09	977.87	0.000324	2.75	517.21	78.65	0.19
Reach-1	53682	1-yr	1670.00	968.40	978.46	972.43	978.59	0.000341	2.91	574.49	82.51	0.19
Reach-1	53682	1.5-yr	1761.00	968.40	978.71	972.56	978.84	0.000345	2.96	594.71	83.56	0.20
Reach-1	53682	2-yr	2047.00	968.40	979.42	972.92	979.57	0.000358	3.12	655.60	86.50	0.20
Reach-1	53682	5-yr	3336.00	968.40	981.21	974.33	981.47	0.000526	4.09	816.35	93.82	0.24
Reach-1	53682	10-yr	4375.00	968.40	983.69	975.32	983.96	0.000497	4.12	1069.34	111.42	0.23
Reach-1	53682	50-yr	7239.00	968.40	986.77	977.52	987.03	0.000915	4.32	2245.93	658.49	0.23
Reach-1	53682	100-yr	8721.00	968.40	988.08	978.55	988.28	0.000682	4.03	3171.86	1358.24	0.21
Reach-1	53682	10-50yrA	5330.00	968.40	985.40	976.13	985.65	0.000790	4.12	1494.49	459.79	0.23
Reach-1	53682	10-50yrB	6285.00	968.40	985.79	976.87	986.09	0.001087	4.52	1678.01	479.08	0.25
Reach-1	53542	Avg Annual	134.00	968.60	972.09	969.68	972.10	0.000121	0.94	142.55	53.18	0.10
Reach-1	53542	0.5-yr	1422.00	968.60	977.71	972.21	977.84	0.000354	2.87	494.74	73.69	0.20
Reach-1	53542	1-yr	1670.00	968.60	978.41	972.56	978.56	0.000374	3.05	547.94	76.89	0.20
Reach-1	53542	1.5-yr	1761.00	968.60	978.66	972.66	978.81	0.000380	3.11	566.68	77.99	0.20
Reach-1	53542	2-yr	2047.00	968.60	979.37	973.03	979.54	0.000400	3.28	623.37	81.21	0.21
Reach-1	53542	5-yr	3336.00	968.60	981.12	974.42	981.41	0.000607	4.31	775.16	92.99	0.26
Reach-1	53542	10-yr	4375.00	968.60	983.61	975.42	983.90	0.000742	4.26	1041.35	136.56	0.25
Reach-1	53542	50-yr	7239.00	968.60	986.63	977.67	986.95	0.000634	4.76	2036.96	639.48	0.24
Reach-1	53542	100-yr	8721.00	968.60	987.92	978.70	988.21	0.000555	4.76	2754.36	1058.85	0.23
Reach-1	53542	10-50yrA	5330.00	968.60	985.32	976.24	985.58	0.000573	4.20	1489.45	342.68	0.22
Reach-1	53542	10-50yrB	6285.00	968.60	985.67	976.97	986.00	0.000693	4.71	1613.88	369.02	0.25
Reach-1	53402	Avg Annual	134.00	969.00	972.07	970.07	972.09	0.000180	1.04	129.21	56.70	0.12
Reach-1	53402	0.5-yr	1422.00	969.00	977.67	972.50	977.80	0.000399	2.89	492.37	79.32	0.20
Reach-1	53402	1-yr	1670.00	969.00	978.37	972.79	978.52	0.000412	3.04	550.00	83.52	0.21
Reach-1	53402	1.5-yr	1761.00	969.00	978.62	972.92	978.76	0.000416	3.09	570.39	84.87	0.21
Reach-1	53402	2-yr	2047.00	969.00	979.33	973.25	979.49	0.000433	3.24	632.35	89.50	0.21
Reach-1	53402	5-yr	3336.00	969.00	981.07	974.58	981.34	0.000641	4.18	799.20	102.52	0.26
Reach-1	53402	10-yr	4375.00	969.00	983.55	975.48	983.80	0.000978	3.97	1169.50	471.34	0.24
Reach-1	53402	50-yr	7239.00	969.00	986.63	977.87	986.85	0.000683	4.08	2301.89	929.66	0.21
Reach-1	53402	100-yr	8721.00	969.00	987.91	978.82	988.13	0.000600	4.10	2878.37	1195.47	0.20
Reach-1	53402	10-50yrA	5330.00	969.00	985.31	976.29	985.50	0.000649	3.67	1783.66	740.86	0.20
Reach-1	53402	10-50yrB	6285.00	969.00	985.66	977.14	985.90	0.000772	4.09	1917.95	760.49	0.22
Reach-1	53262	Avg Annual	134.00	969.00	972.05	969.90	972.06	0.000183	1.05	127.41	55.15	0.12
Reach-1	53262	0.5-yr	1422.00	969.00	977.63	972.51	977.75	0.000381	2.74	519.20	87.40	0.20
Reach-1	53262	1-yr	1670.00	969.00	978.34	972.84	978.47	0.000382	2.87	582.32	90.97	0.20
Reach-1	53262	1.5-yr	1761.00	969.00	978.58	972.95	978.72	0.000383	2.91	604.53	92.19	0.20
Reach-1	53262	2-yr	2047.00	969.00	979.30	973.29	979.44	0.000388	3.05	671.50	95.79	0.20
Reach-1	53262	5-yr	3336.00	969.00	981.02	974.66	981.26	0.000558	3.95	844.12	104.54	0.25
Reach-1	53262	10-yr	4375.00	969.00	983.46	975.57	983.69	0.000841	3.88	1135.41	154.32	0.23
Reach-1	53262	50-yr	7239.00	969.00	986.52	977.66	986.77	0.000675	4.22	2400.14	1424.72	0.22
Reach-1	53262	100-yr	8721.00	969.00	987.86	978.55	988.06	0.000520	3.98	3464.83	1701.62	0.19
Reach-1	53262	10-50yrA	5330.00	969.00	985.20	976.33	985.43	0.000658	3.85	1548.92	882.47	0.21
Reach-1	53262	10-50yrB	6285.00	969.00	985.52	977.04	985.80	0.000801	4.33	1735.33	1041.85	0.23
Reach-1	53142	Avg Annual	134.00	969.00	972.03	969.92	972.05	0.000149	0.99	135.31	54.84	0.11

Reach-1	53142	0.5-yr	1422.00	969.00	977.58	972.33	977.71	0.000386	2.89	491.97	76.26	0.20
Reach-1	53142	1-yr	1670.00	969.00	978.28	972.65	978.43	0.000398	3.06	546.54	79.05	0.20
Reach-1	53142	1.5-yr	1761.00	969.00	978.52	972.77	978.67	0.000402	3.11	565.69	80.01	0.21
Reach-1	53142	2-yr	2047.00	969.00	979.23	973.10	979.40	0.000417	3.28	623.23	82.98	0.21
Reach-1	53142	5-yr	3336.00	969.00	980.90	974.47	981.20	0.000631	4.34	768.76	90.83	0.26
Reach-1	53142	10-yr	4375.00	969.00	983.32	975.43	983.61	0.000617	4.36	1008.39	110.70	0.25
Reach-1	53142	50-yr	7239.00	969.00	986.40	977.68	986.69	0.000767	4.66	2353.74	1700.87	0.24
Reach-1	53142	100-yr	8721.00	969.00	987.89	978.64	987.99	0.000326	3.29	5983.44	2325.10	0.16
Reach-1	53142	10-50yrA	5330.00	969.00	985.05	976.29	985.34	0.000797	4.41	1299.30	647.69	0.24
Reach-1	53142	10-50yrB	6285.00	969.00	985.33	977.02	985.70	0.000990	4.97	1512.12	842.27	0.27
Reach-1	53122	Avg Annual	134.00	969.00	972.03	969.91	972.04	0.000150	0.99	135.14	54.83	0.11
Reach-1	53122	0.5-yr	1422.00	969.00	977.57	972.32	977.70	0.000387	2.89	491.36	76.23	0.20
Reach-1	53122	1-yr	1670.00	969.00	978.27	972.66	978.42	0.000399	3.06	545.89	79.02	0.21
Reach-1	53122	1.5-yr	1761.00	969.00	978.51	972.78	978.67	0.000403	3.12	565.01	79.97	0.21
Reach-1	53122	2-yr	2047.00	969.00	979.22	973.12	979.39	0.000416	3.29	622.50	82.94	0.21
Reach-1	53122	5-yr	3336.00	969.00	980.89	974.47	981.18	0.000593	4.37	763.44	90.75	0.26
Reach-1	53122	10-yr	4375.00	969.00	983.29	975.43	983.60	0.000462	4.49	979.66	110.32	0.24
Reach-1	53122	50-yr	7239.00	969.00	986.12	977.69	986.66	0.000586	5.88	1244.49	1435.25	0.28
Reach-1	53122	100-yr	8721.00	969.00	987.27	978.64	987.92	0.000649	6.53	1351.64	2220.75	0.30
Reach-1	53122	10-50yrA	5330.00	969.00	984.98	976.27	985.33	0.000424	4.72	1137.93	640.70	0.23
Reach-1	53122	10-50yrB	6285.00	969.00	985.22	977.02	985.68	0.000555	5.47	1159.84	735.72	0.27
Reach-1	52982	Avg Annual	134.00	968.50	972.03	969.76	972.04	0.000135	0.96	139.55	54.99	0.11
Reach-1	52982	0.5-yr	1422.00	968.50	977.57	972.26	977.69	0.000341	2.84	501.57	75.03	0.19
Reach-1	52982	1-yr	1670.00	968.50	978.27	972.59	978.41	0.000362	3.01	555.61	78.92	0.20
Reach-1	52982	1.5-yr	1761.00	968.50	978.51	972.70	978.66	0.000370	3.06	574.75	80.25	0.20
Reach-1	52982	2-yr	2047.00	968.50	979.22	973.05	979.38	0.000392	3.23	632.84	84.38	0.21
Reach-1	52982	5-yr	3336.00	968.50	980.89	974.39	981.17	0.000621	4.26	784.21	96.99	0.26
Reach-1	52982	10-yr	4375.00	968.50	983.30	975.31	983.59	0.000472	4.26	1035.10	188.74	0.23
Reach-1	52982	50-yr	7239.00	968.50	986.16	977.49	986.63	0.000559	5.47	1339.11	1829.02	0.27
Reach-1	52982	100-yr	8721.00	968.50	987.33	978.52	987.89	0.000607	6.03	1462.60	2434.55	0.28
Reach-1	52982	10-50yrA	5330.00	968.50	985.01	976.08	985.31	0.000415	4.43	1215.95	1114.48	0.23
Reach-1	52982	10-50yrB	6285.00	968.50	985.25	976.79	985.65	0.000539	5.11	1241.86	1211.69	0.26
Reach-1	52952	Avg Annual	134.00	968.50	972.02	969.76	972.04	0.000136	0.96	139.25	54.96	0.11
Reach-1	52952	0.5-yr	1422.00	968.50	977.56	972.26	977.68	0.000342	2.84	500.50	74.95	0.19
Reach-1	52952	1-yr	1670.00	968.50	978.26	972.59	978.40	0.000361	3.01	554.42	78.83	0.20
Reach-1	52952	1.5-yr	1761.00	968.50	978.50	972.71	978.64	0.000368	3.07	573.52	80.16	0.20
Reach-1	52952	2-yr	2047.00	968.50	979.20	973.05	979.37	0.000388	3.24	631.46	84.26	0.21
Reach-1	52952	5-yr	3336.00	968.50	980.86	974.38	981.15	0.000608	4.27	781.65	96.78	0.26
Reach-1	52952	10-yr	4375.00	968.50	983.28	975.30	983.56	0.000652	4.24	1040.34	165.54	0.24
Reach-1	52952	50-yr	7239.00	968.50	986.22	977.49	986.57	0.000680	4.90	2053.43	1847.61	0.25
Reach-1	52952	100-yr	8721.00	968.50	987.57	978.50	987.75	0.000405	4.06	4449.77	2487.75	0.20
Reach-1	52952	10-50yrA	5330.00	968.50	985.00	976.07	985.28	0.000605	4.30	1318.59	1038.93	0.23
Reach-1	52952	10-50yrB	6285.00	968.50	985.25	976.79	985.62	0.000771	4.93	1396.50	1210.69	0.26
Reach-1	52842	Avg Annual	134.00	969.00	972.01	970.10	972.03	0.000203	1.10	121.65	53.22	0.13
Reach-1	52842	0.5-yr	1422.00	969.00	977.52	972.57	977.66	0.000390	2.91	488.92	77.38	0.20
Reach-1	52842	1-yr	1670.00	969.00	978.23	972.89	978.37	0.000399	3.07	544.07	80.36	0.21
Reach-1	52842	1.5-yr	1761.00	969.00	978.47	973.01	978.62	0.000404	3.13	563.50	81.57	0.21



Reach-1	52842	2-yr	2047.00	969.00	979.17	973.34	979.34	0.000419	3.29	622.24	85.15	0.21
Reach-1	52842	5-yr	3336.00	969.00	980.81	974.76	981.10	0.000650	4.33	770.11	96.18	0.27
Reach-1	52842	10-yr	4375.00	969.00	983.23	975.67	983.51	0.000816	4.27	1031.27	256.92	0.25
Reach-1	52842	50-yr	7239.00	969.00	986.32	977.70	986.47	0.000425	3.74	4158.09	2235.58	0.19
Reach-1	52842	100-yr	8721.00	969.00	987.62	978.68	987.70	0.000246	3.04	6658.56	2963.17	0.15
Reach-1	52842	10-50yrA	5330.00	969.00	984.97	976.38	985.23	0.000619	4.18	1629.23	1169.21	0.22
Reach-1	52842	10-50yrB	6285.00	969.00	985.25	977.07	985.54	0.000703	4.53	2308.12	1871.99	0.24
Reach-1	52702	Avg Annual	134.00	969.00	971.99	969.80	972.00	0.000126	0.92	145.67	257.60	0.10
Reach-1	52702	0.5-yr	1422.00	969.00	977.49	972.14	977.61	0.000327	2.75	517.57	479.57	0.19
Reach-1	52702	1-yr	1670.00	969.00	978.19	972.46	978.32	0.000341	2.91	573.81	514.51	0.19
Reach-1	52702	1.5-yr	1761.00	969.00	978.43	972.56	978.56	0.000346	2.97	593.63	517.33	0.20
Reach-1	52702	2-yr	2047.00	969.00	979.13	972.88	979.28	0.000358	3.13	654.77	535.48	0.20
Reach-1	52702	5-yr	3336.00	969.00	980.76	974.21	981.02	0.000508	4.15	833.98	629.10	0.25
Reach-1	52702	10-yr	4375.00	969.00	983.18	975.12	983.44	0.000363	4.11	1229.64	1203.41	0.22
Reach-1	52702	50-yr	7239.00	969.00	986.41	977.29	986.42	0.000031	1.43	12746.95	2520.24	0.07
Reach-1	52702	100-yr	8721.00	969.00	987.66	978.27	987.67	0.000026	1.37	15535.94	2801.49	0.06
Reach-1	52702	10-50yrA	5330.00	969.00	985.14	975.88	985.15	0.000032	1.35	10068.66	2259.40	0.07
Reach-1	52702	10-50yrB	6285.00	969.00	985.43	976.61	985.45	0.000037	1.49	10681.01	2287.49	0.07
Reach-1	52562	Avg Annual	134.00	970.00	971.94	970.82	971.96	0.000484	1.32	101.36	813.78	0.19
Reach-1	52562	0.5-yr	1422.00	970.00	977.42	972.84	977.54	0.000382	2.79	510.21	1024.51	0.20
Reach-1	52562	1-yr	1670.00	970.00	978.12	973.13	978.25	0.000408	2.92	572.87	1091.66	0.21
Reach-1	52562	1.5-yr	1761.00	970.00	978.36	973.23	978.50	0.000402	2.96	596.52	1124.30	0.21
Reach-1	52562	2-yr	2047.00	970.00	979.07	973.53	979.22	0.000389	3.08	677.46	1234.87	0.21
Reach-1	52562	5-yr	3336.00	970.00	980.79	974.72	980.91	0.000315	3.13	1611.77	1385.89	0.19
Reach-1	52562	10-yr	4375.00	970.00	983.27	975.56	983.34	0.000160	2.55	2664.76	1756.04	0.14
Reach-1	52562	50-yr	7239.00	970.00	986.32	977.56	986.40	0.000146	2.88	4251.10	2114.11	0.14
Reach-1	52562	100-yr	8721.00	970.00	987.67	978.51	987.67	0.000002	0.33	34726.66	2379.07	0.01
Reach-1	52562	10-50yrA	5330.00	970.00	985.07	976.28	985.13	0.000124	2.48	3533.42	1978.56	0.13
Reach-1	52562	10-50yrB	6285.00	970.00	985.35	976.93	985.43	0.000155	2.82	3685.74	2010.19	0.14
Reach-1	52422	Avg Annual	134.00	969.00	971.89	970.05	971.90	0.000203	1.07	125.19	697.81	0.13
Reach-1	52422	0.5-yr	1422.00	969.00	977.34	972.39	977.47	0.000376	2.90	490.29	750.65	0.20
Reach-1	52422	1-yr	1670.00	969.00	978.03	972.71	978.17	0.000427	3.07	544.59	757.69	0.21
Reach-1	52422	1.5-yr	1761.00	969.00	978.27	972.82	978.42	0.000449	3.12	563.93	760.03	0.21
Reach-1	52422	2-yr	2047.00	969.00	978.96	973.14	979.13	0.000513	3.29	622.43	767.14	0.22
Reach-1	52422	5-yr	3336.00	969.00	980.50	974.45	980.80	0.000773	4.40	765.17	794.47	0.27
Reach-1	52422	10-yr	4375.00	969.00	983.01	975.37	983.27	0.000537	4.20	1268.62	1015.55	0.23
Reach-1	52422	50-yr	7239.00	969.00	986.07	977.51	986.34	0.000491	4.56	2440.06	1842.19	0.23
Reach-1	52422	100-yr	8721.00	969.00	987.41	978.49	987.65	0.000422	4.44	3196.56	2005.68	0.21
Reach-1	52422	10-50yrA	5330.00	969.00	984.86	976.14	985.08	0.000414	4.00	1868.88	1576.17	0.21
Reach-1	52422	10-50yrB	6285.00	969.00	985.07	976.85	985.36	0.000534	4.58	1962.40	1647.39	0.23
Reach-1	52282	Avg Annual	134.00	969.00	971.85	969.99	971.87	0.000186	1.03	130.14	658.71	0.12
Reach-1	52282	0.5-yr	1422.00	969.00	977.28	972.29	977.40	0.000357	2.84	500.25	727.56	0.20
Reach-1	52282	1-yr	1670.00	969.00	977.96	972.59	978.10	0.000371	3.01	554.24	733.50	0.20
Reach-1	52282	1.5-yr	1761.00	969.00	978.19	972.70	978.34	0.000377	3.07	573.41	735.86	0.20
Reach-1	52282	2-yr	2047.00	969.00	978.88	973.03	979.05	0.000396	3.24	631.54	742.78	0.21
Reach-1	52282	5-yr	3336.00	969.00	980.38	974.31	980.67	0.000644	4.35	767.10	759.35	0.27
Reach-1	52282	10-yr	4375.00	969.00	982.89	975.20	983.17	0.000514	4.24	1052.03	839.41	0.25

Reach-1	52282	50-yr	7239.00	969.00	985.85	977.30	986.22	0.000757	4.98	1734.34	1406.89	0.26
Reach-1	52282	100-yr	8721.00	969.00	987.19	978.27	987.54	0.000653	4.99	2496.64	1992.17	0.25
Reach-1	52282	10-50yrA	5330.00	969.00	984.72	975.97	984.98	0.000593	4.19	1386.77	1000.81	0.23
Reach-1	52282	10-50yrB	6285.00	969.00	984.87	976.65	985.23	0.000797	4.85	1420.85	1012.64	0.27
Reach-1	52142	Avg Annual	134.00	969.00	971.83	969.92	971.85	0.000201	1.10	122.31	792.70	0.13
Reach-1	52142	0.5-yr	1422.00	969.00	977.22	972.37	977.36	0.000432	3.07	463.00	848.89	0.22
Reach-1	52142	1-yr	1670.00	969.00	977.90	972.70	978.06	0.000447	3.25	514.39	855.66	0.22
Reach-1	52142	1.5-yr	1761.00	969.00	978.13	972.81	978.30	0.000458	3.31	532.58	858.05	0.22
Reach-1	52142	2-yr	2047.00	969.00	978.81	973.16	979.00	0.000497	3.48	587.58	865.99	0.23
Reach-1	52142	5-yr	3336.00	969.00	980.26	974.53	980.60	0.000869	4.66	715.95	886.23	0.30
Reach-1	52142	10-yr	4375.00	969.00	982.80	975.48	983.11	0.000746	4.48	976.98	959.01	0.27
Reach-1	52142	50-yr	7239.00	969.00	985.68	977.71	986.12	0.001337	5.34	1468.35	1487.44	0.30
Reach-1	52142	100-yr	8721.00	969.00	987.43	978.70	987.43	0.000004	0.34	27366.07	2339.01	0.02
Reach-1	52142	10-50yrA	5330.00	969.00	984.61	976.28	984.92	0.000782	4.47	1224.25	1176.08	0.25
Reach-1	52142	10-50yrB	6285.00	969.00	984.72	977.02	985.14	0.001075	5.21	1247.04	1190.47	0.29
Reach-1	52119	Avg Annual	134.00	969.70	971.69	971.13	971.79	0.002776	2.55	52.61	47.01	0.42
Reach-1	52119	0.5-yr	1422.00	969.70	977.04	973.61	977.29	0.000895	4.02	353.91	65.59	0.30
Reach-1	52119	1-yr	1670.00	969.70	977.72	973.94	977.99	0.000873	4.19	398.89	67.92	0.30
Reach-1	52119	1.5-yr	1761.00	969.70	977.95	974.06	978.23	0.000867	4.25	414.68	68.73	0.30
Reach-1	52119	2-yr	2047.00	969.70	978.62	974.41	978.93	0.000857	4.43	461.92	70.86	0.31
Reach-1	52119	5-yr	3336.00	969.70	979.90	975.81	980.47	0.001310	6.03	552.88	71.00	0.38
Reach-1	52119	10-yr	4375.00	969.70	982.61	976.77	983.04	0.000768	5.39	1149.77	488.62	0.29
Reach-1	52119	50-yr	7239.00	969.70	985.86	978.96	985.97	0.000271	3.66	5577.10	2310.74	0.17
Reach-1	52119	100-yr	8721.00	969.70	987.39	979.87	987.43	0.000122	2.63	9310.91	2539.06	0.12
Reach-1	52119	10-50yrA	5330.00	969.70	984.65	977.57	984.82	0.000358	4.01	3176.62	1628.11	0.20
Reach-1	52119	10-50yrB	6285.00	969.70	984.80	978.31	985.01	0.000448	4.51	3427.01	1724.92	0.22
Reach-1	52072		Bridge									
Reach-1	52067	Avg Annual	134.00	969.01	970.48	970.17	970.62	0.005223	3.04	44.15	48.73	0.56
Reach-1	52067	0.5-yr	1422.00	969.01	975.78	972.47	976.02	0.001136	3.91	363.85	67.36	0.30
Reach-1	52067	1-yr	1670.00	969.01	976.44	972.77	976.69	0.001127	4.09	408.42	68.93	0.30
Reach-1	52067	1.5-yr	1761.00	969.01	976.66	972.88	976.93	0.001128	4.15	423.88	69.47	0.30
Reach-1	52067	2-yr	2047.00	969.01	977.32	973.23	977.61	0.001138	4.35	470.15	71.04	0.30
Reach-1	52067	5-yr	3336.00	969.01	979.98	974.51	980.36	0.001197	4.96	672.34	79.96	0.30
Reach-1	52067	10-yr	4375.00	969.01	981.92	975.44	982.35	0.001152	5.26	832.33	85.12	0.30
Reach-1	52067	50-yr	7239.00	969.01	985.74	977.55	985.90	0.000540	3.97	4717.46	2260.01	0.20
Reach-1	52067	100-yr	8721.00	969.01	987.35	978.60	987.40	0.000217	2.73	8647.58	2539.87	0.13
Reach-1	52067	10-50yrA	5330.00	969.01	983.17	976.20	983.64	0.001191	5.58	1101.05	418.06	0.30
Reach-1	52067	10-50yrB	6285.00	969.01	984.42	976.90	984.79	0.000950	5.22	2247.57	1417.34	0.27
Reach-1	52019	Avg Annual	134.00	965.50	970.57	966.91	970.57	0.000040	0.64	207.94	59.41	0.06
Reach-1	52019	0.5-yr	1422.00	965.50	975.86	969.57	975.95	0.000250	2.46	577.69	79.30	0.16
Reach-1	52019	1-yr	1670.00	965.50	976.52	969.91	976.63	0.000282	2.65	630.81	82.25	0.17
Reach-1	52019	1.5-yr	1761.00	965.50	976.74	970.01	976.86	0.000293	2.71	649.42	83.28	0.17
Reach-1	52019	2-yr	2047.00	965.50	977.40	970.38	977.54	0.000331	2.90	705.79	86.63	0.18
Reach-1	52019	5-yr	3336.00	965.50	980.08	971.76	980.27	0.000436	3.49	954.51	99.11	0.20
Reach-1	52019	10-yr	4375.00	965.50	982.03	972.66	982.25	0.000459	3.79	1154.54	105.82	0.20
Reach-1	52019	50-yr	7239.00	965.50	985.58	974.82	985.86	0.000444	4.38	2058.66	375.00	0.20

Reach-1	52019	100-yr	8721.00	965.50	987.11	975.78	987.37	0.000386	4.37	2630.87	375.00	0.19
Reach-1	52019	10-50yrA	5330.00	965.50	983.28	973.46	983.54	0.000501	4.13	1315.77	232.92	0.21
Reach-1	52019	10-50yrB	6285.00	965.50	984.44	974.16	984.74	0.000501	4.39	1501.97	307.40	0.21
Reach-1	51969	Avg Annual	134.00	967.62	970.54	969.04	970.57	0.000390	1.36	98.29	50.76	0.17
Reach-1	51969	0.5-yr	1422.00	967.62	975.74	971.52	975.93	0.000611	3.41	416.65	70.60	0.25
Reach-1	51969	1-yr	1670.00	967.62	976.39	971.87	976.60	0.000655	3.60	463.36	73.41	0.25
Reach-1	51969	1.5-yr	1761.00	967.62	976.62	971.98	976.82	0.000671	3.67	479.75	74.41	0.25
Reach-1	51969	2-yr	2047.00	967.62	977.27	972.33	977.50	0.000719	3.87	529.39	77.38	0.26
Reach-1	51969	5-yr	3336.00	967.62	979.92	973.69	980.23	0.000838	4.44	751.10	89.84	0.27
Reach-1	51969	10-yr	4375.00	967.62	981.87	974.64	982.21	0.000857	4.68	935.12	99.31	0.27
Reach-1	51969	50-yr	7239.00	967.62	985.47	976.86	985.83	0.000695	5.01	1838.49	331.10	0.25
Reach-1	51969	100-yr	8721.00	967.62	987.01	977.84	987.34	0.000581	4.95	2387.22	380.00	0.23
Reach-1	51969	10-50yrA	5330.00	967.62	983.11	975.41	983.50	0.000897	5.00	1095.25	234.73	0.28
Reach-1	51969	10-50yrB	6285.00	967.62	984.29	976.17	984.70	0.000846	5.18	1327.00	293.32	0.27
Reach-1	51919	Avg Annual	134.00	967.04	970.52	968.50	970.55	0.000258	1.20	111.32	50.76	0.14
Reach-1	51919	0.5-yr	1422.00	967.04	975.72	971.27	975.89	0.000579	3.37	421.64	69.52	0.24
Reach-1	51919	1-yr	1670.00	967.04	976.36	971.59	976.56	0.000629	3.57	467.54	72.61	0.25
Reach-1	51919	1.5-yr	1761.00	967.04	976.59	971.71	976.79	0.000647	3.64	483.69	73.70	0.25
Reach-1	51919	2-yr	2047.00	967.04	977.24	972.07	977.47	0.000700	3.84	532.73	76.93	0.26
Reach-1	51919	5-yr	3336.00	967.04	979.88	973.49	980.19	0.000828	4.42	754.29	90.43	0.27
Reach-1	51919	10-yr	4375.00	967.04	981.83	974.45	982.17	0.000816	4.63	981.06	216.28	0.26
Reach-1	51919	50-yr	7239.00	967.04	985.47	976.74	985.78	0.000585	4.78	2044.92	370.00	0.24
Reach-1	51919	100-yr	8721.00	967.04	987.02	977.75	987.30	0.000476	4.65	2619.13	370.00	0.22
Reach-1	51919	10-50yrA	5330.00	967.04	983.08	975.28	983.45	0.000802	4.90	1178.19	219.07	0.27
Reach-1	51919	10-50yrB	6285.00	967.04	984.27	976.03	984.65	0.000756	5.09	1411.03	334.92	0.26
Reach-1	51869	Avg Annual	134.00	967.71	970.49	969.16	970.53	0.000557	1.50	89.57	52.71	0.20
Reach-1	51869	0.5-yr	1422.00	967.71	975.70	971.64	975.86	0.000616	3.24	439.45	81.65	0.25
Reach-1	51869	1-yr	1670.00	967.71	976.35	971.98	976.52	0.000642	3.38	493.57	85.19	0.25
Reach-1	51869	1.5-yr	1761.00	967.71	976.57	972.09	976.75	0.000652	3.44	512.58	86.43	0.25
Reach-1	51869	2-yr	2047.00	967.71	977.22	972.43	977.42	0.000683	3.59	570.31	90.13	0.25
Reach-1	51869	5-yr	3336.00	967.71	979.88	973.74	980.13	0.000718	4.02	834.21	126.31	0.25
Reach-1	51869	10-yr	4375.00	967.71	981.85	974.63	982.11	0.000614	4.11	1185.87	199.62	0.23
Reach-1	51869	50-yr	7239.00	967.71	985.52	976.66	985.73	0.000387	4.04	2395.37	402.06	0.20
Reach-1	51869	100-yr	8721.00	967.71	987.07	977.55	987.25	0.000306	3.86	3018.82	402.06	0.18
Reach-1	51869	10-50yrA	5330.00	967.71	983.12	975.37	983.39	0.000563	4.26	1495.48	297.04	0.23
Reach-1	51869	10-50yrB	6285.00	967.71	984.33	976.04	984.58	0.000481	4.23	1919.35	396.08	0.22
Reach-1	51819	Avg Annual	134.00	966.35	970.50	968.31	970.51	0.000141	0.94	141.92	58.74	0.11
Reach-1	51819	0.5-yr	1422.00	966.35	975.70	970.71	975.82	0.000412	2.85	499.62	80.46	0.20
Reach-1	51819	1-yr	1670.00	966.35	976.35	971.02	976.49	0.000439	3.02	552.42	82.87	0.21
Reach-1	51819	1.5-yr	1761.00	966.35	976.57	971.13	976.71	0.000449	3.09	570.80	83.69	0.21
Reach-1	51819	2-yr	2047.00	966.35	977.22	971.46	977.38	0.000479	3.27	626.12	86.13	0.21
Reach-1	51819	5-yr	3336.00	966.35	979.91	972.78	980.08	0.000461	3.42	1124.80	282.36	0.20
Reach-1	51819	10-yr	4375.00	966.35	981.93	973.67	982.05	0.000267	2.99	1818.29	370.18	0.16
Reach-1	51819	50-yr	7239.00	966.35	985.59	975.78	985.68	0.000148	2.70	3290.03	405.12	0.13
Reach-1	51819	100-yr	8721.00	966.35	987.12	976.70	987.21	0.000128	2.68	3910.64	405.12	0.12
Reach-1	51819	10-50yrA	5330.00	966.35	983.22	974.42	983.32	0.000212	2.87	2329.15	405.12	0.15
Reach-1	51819	10-50yrB	6285.00	966.35	984.43	975.12	984.52	0.000175	2.78	2818.02	405.12	0.13

Reach-1	51769	Avg Annual	134.00	967.55	970.48	968.84	970.50	0.000302	1.19	112.64	59.18	0.15
Reach-1	51769	0.5-yr	1422.00	967.55	975.66	971.21	975.80	0.000482	3.02	471.20	77.74	0.22
Reach-1	51769	1-yr	1670.00	967.55	976.30	971.51	976.46	0.000521	3.20	522.22	80.89	0.22
Reach-1	51769	1.5-yr	1761.00	967.55	976.52	971.62	976.69	0.000535	3.26	540.11	81.97	0.22
Reach-1	51769	2-yr	2047.00	967.55	977.17	971.93	977.36	0.000574	3.44	594.31	85.01	0.23
Reach-1	51769	5-yr	3336.00	967.55	979.86	973.15	980.05	0.000767	3.56	1042.11	319.99	0.24
Reach-1	51769	10-yr	4375.00	967.55	981.92	974.02	982.03	0.000350	2.85	1833.09	412.41	0.17
Reach-1	51769	50-yr	7239.00	967.55	985.59	976.10	985.67	0.000160	2.41	3438.30	438.83	0.12
Reach-1	51769	100-yr	8721.00	967.55	987.13	977.05	987.20	0.000133	2.37	4111.12	438.83	0.11
Reach-1	51769	10-50yrA	5330.00	967.55	983.22	974.75	983.31	0.000254	2.65	2395.68	438.83	0.14
Reach-1	51769	10-50yrB	6285.00	967.55	984.43	975.45	984.51	0.000197	2.51	2926.38	438.83	0.13
Reach-1	51719	Avg Annual	134.00	967.89	970.44	969.06	970.48	0.000527	1.56	85.78	43.71	0.20
Reach-1	51719	0.5-yr	1422.00	967.89	975.59	971.68	975.77	0.000765	3.41	416.40	82.21	0.27
Reach-1	51719	1-yr	1670.00	967.89	976.23	972.48	976.43	0.000765	3.55	470.25	84.81	0.27
Reach-1	51719	1.5-yr	1761.00	967.89	976.45	972.58	976.65	0.000771	3.60	489.03	85.94	0.27
Reach-1	51719	2-yr	2047.00	967.89	977.10	972.88	977.32	0.000786	3.75	549.03	106.35	0.27
Reach-1	51719	5-yr	3336.00	967.89	979.85	974.06	980.01	0.000475	3.47	1136.47	284.78	0.21
Reach-1	51719	10-yr	4375.00	967.89	981.91	974.89	982.01	0.000243	2.87	1905.06	426.44	0.16
Reach-1	51719	50-yr	7239.00	967.89	985.59	976.86	985.66	0.000115	2.41	3582.16	462.31	0.11
Reach-1	51719	100-yr	8721.00	967.89	987.13	978.72	987.20	0.000095	2.35	4291.91	462.31	0.10
Reach-1	51719	10-50yrA	5330.00	967.89	983.21	975.59	983.29	0.000180	2.68	2481.38	462.31	0.14
Reach-1	51719	10-50yrB	6285.00	967.89	984.42	976.23	984.50	0.000141	2.53	3041.89	462.31	0.12
Reach-1	51619	Avg Annual	134.00	968.45	970.31	969.45	970.39	0.001594	2.25	59.51	40.45	0.33
Reach-1	51619	0.5-yr	1422.00	968.45	975.47	972.54	975.68	0.001001	3.69	385.42	82.17	0.30
Reach-1	51619	1-yr	1670.00	968.45	976.11	972.84	976.34	0.001015	3.80	439.52	85.21	0.29
Reach-1	51619	1.5-yr	1761.00	968.45	976.33	972.93	976.56	0.001023	3.84	458.36	86.24	0.29
Reach-1	51619	2-yr	2047.00	968.45	976.98	973.22	977.23	0.001056	3.97	515.28	89.38	0.29
Reach-1	51619	5-yr	3336.00	968.45	979.64	974.37	979.93	0.001098	4.33	771.06	110.10	0.28
Reach-1	51619	10-yr	4375.00	968.45	981.68	975.20	981.95	0.000911	4.28	1245.56	339.36	0.25
Reach-1	51619	50-yr	7239.00	968.45	985.44	977.11	985.63	0.000507	3.93	2864.34	517.89	0.19
Reach-1	51619	100-yr	8721.00	968.45	987.02	977.93	987.17	0.000384	3.70	3755.63	580.00	0.17
Reach-1	51619	10-50yrA	5330.00	968.45	982.99	975.88	983.24	0.000785	4.25	1725.99	400.19	0.23
Reach-1	51619	10-50yrB	6285.00	968.45	984.23	976.52	984.46	0.000639	4.13	2269.95	471.55	0.21
Reach-1	51569	Avg Annual	134.00	967.89	970.31	968.98	970.34	0.000423	1.34	100.16	56.89	0.18
Reach-1	51569	0.5-yr	1422.00	967.89	975.47	971.25	975.63	0.000523	3.16	450.97	84.02	0.23
Reach-1	51569	1-yr	1670.00	967.89	976.11	971.56	976.28	0.000567	3.33	508.55	95.48	0.23
Reach-1	51569	1.5-yr	1761.00	967.89	976.33	971.68	976.51	0.000582	3.39	529.83	99.40	0.24
Reach-1	51569	2-yr	2047.00	967.89	976.98	972.00	977.17	0.000633	3.56	597.75	111.20	0.24
Reach-1	51569	5-yr	3336.00	967.89	979.64	973.27	979.87	0.000722	3.94	958.54	159.68	0.24
Reach-1	51569	10-yr	4375.00	967.89	981.67	974.18	981.90	0.000646	3.98	1357.80	265.49	0.22
Reach-1	51569	50-yr	7239.00	967.89	985.41	976.29	985.61	0.000438	3.96	2788.27	480.19	0.19
Reach-1	51569	100-yr	8721.00	967.89	986.99	977.30	987.15	0.000348	3.80	3624.18	594.02	0.17
Reach-1	51569	10-50yrA	5330.00	967.89	982.98	974.89	983.20	0.000603	4.08	1768.27	342.15	0.21
Reach-1	51569	10-50yrB	6285.00	967.89	984.21	975.59	984.43	0.000525	4.08	2243.52	425.53	0.20
Reach-1	51519	Avg Annual	134.00	966.93	970.27	968.56	970.31	0.000499	1.69	79.24	33.61	0.19
Reach-1	51519	0.5-yr	1422.00	966.93	975.38	972.03	975.59	0.000879	3.66	389.25	78.75	0.28

Reach-1	51519	1-yr	1670.00	966.93	976.02	972.33	976.24	0.000937	3.81	442.12	86.78	0.28
Reach-1	51519	1.5-yr	1761.00	966.93	976.24	972.43	976.47	0.000954	3.86	461.27	89.43	0.28
Reach-1	51519	2-yr	2047.00	966.93	976.88	972.75	977.13	0.001003	4.02	521.18	97.47	0.29
Reach-1	51519	5-yr	3336.00	966.93	979.55	973.98	979.82	0.001359	4.23	845.70	142.94	0.28
Reach-1	51519	10-yr	4375.00	966.93	981.62	974.89	981.85	0.001402	4.00	1262.66	268.56	0.27
Reach-1	51519	50-yr	7239.00	966.93	985.40	977.03	985.57	0.000728	3.58	2614.73	473.76	0.20
Reach-1	51519	100-yr	8721.00	966.93	986.98	978.19	987.13	0.000540	3.39	3431.94	553.99	0.18
Reach-1	51519	10-50yrA	5330.00	966.93	982.95	975.65	983.15	0.001204	3.82	1665.34	320.75	0.24
Reach-1	51519	10-50yrB	6285.00	966.93	984.20	976.34	984.38	0.000927	3.70	2095.78	380.28	0.22
Reach-1	51469	Avg Annual	134.00	967.54	970.27	968.53	970.29	0.000231	1.14	118.00	54.18	0.14
Reach-1	51469	0.5-yr	1422.00	967.54	975.38	970.89	975.54	0.000509	3.20	444.39	76.64	0.23
Reach-1	51469	1-yr	1670.00	967.54	976.01	971.20	976.19	0.000553	3.39	495.45	84.23	0.24
Reach-1	51469	1.5-yr	1761.00	967.54	976.23	971.32	976.42	0.000568	3.46	513.92	86.80	0.24
Reach-1	51469	2-yr	2047.00	967.54	976.87	971.65	977.07	0.000611	3.65	571.62	94.41	0.24
Reach-1	51469	5-yr	3336.00	967.54	979.51	973.02	979.76	0.000721	4.10	901.68	164.11	0.25
Reach-1	51469	10-yr	4375.00	967.54	981.58	973.96	981.79	0.001002	3.85	1306.74	241.44	0.26
Reach-1	51469	50-yr	7239.00	967.54	985.39	976.18	985.53	0.000490	3.41	2904.12	581.94	0.19
Reach-1	51469	100-yr	8721.00	967.54	986.98	977.21	987.10	0.000353	3.19	3963.22	732.00	0.16
Reach-1	51469	10-50yrA	5330.00	967.54	982.91	974.70	983.10	0.000851	3.72	1747.26	390.31	0.24
Reach-1	51469	10-50yrB	6285.00	967.54	984.17	975.45	984.34	0.000639	3.57	2269.85	451.91	0.21
Reach-1	51419	Avg Annual	134.00	967.33	970.23	968.56	970.27	0.000458	1.57	85.32	37.72	0.18
Reach-1	51419	0.5-yr	1422.00	967.33	975.29	971.53	975.50	0.000930	3.68	386.00	78.05	0.29
Reach-1	51419	1-yr	1670.00	967.33	975.93	972.31	976.15	0.000976	3.82	437.42	82.91	0.29
Reach-1	51419	1.5-yr	1761.00	967.33	976.14	972.41	976.38	0.000977	3.87	455.74	87.15	0.29
Reach-1	51419	2-yr	2047.00	967.33	976.78	972.71	977.03	0.000981	4.01	517.00	104.56	0.29
Reach-1	51419	5-yr	3336.00	967.33	979.46	973.97	979.71	0.001595	4.04	870.77	180.73	0.31
Reach-1	51419	10-yr	4375.00	967.33	981.54	974.86	981.72	0.001525	3.46	1349.58	285.26	0.26
Reach-1	51419	50-yr	7239.00	967.33	985.39	977.04	985.49	0.000625	2.75	3033.27	639.73	0.18
Reach-1	51419	100-yr	8721.00	967.33	986.98	977.88	987.07	0.000395	2.50	4155.81	740.00	0.15
Reach-1	51419	10-50yrA	5330.00	967.33	982.89	975.65	983.03	0.001386	3.18	1797.54	387.67	0.25
Reach-1	51419	10-50yrB	6285.00	967.33	984.16	976.33	984.29	0.000926	2.96	2334.79	472.67	0.21
Reach-1	51369	Avg Annual	134.00	967.29	970.24	968.25	970.25	0.000158	0.97	138.75	61.44	0.11
Reach-1	51369	0.5-yr	1422.00	967.29	975.32	970.53	975.45	0.000380	2.82	503.46	82.69	0.20
Reach-1	51369	1-yr	1670.00	967.29	975.96	970.83	976.10	0.000406	3.00	557.19	86.57	0.21
Reach-1	51369	1.5-yr	1761.00	967.29	976.17	970.93	976.32	0.000415	3.06	576.07	87.89	0.21
Reach-1	51369	2-yr	2047.00	967.29	976.81	971.27	976.97	0.000442	3.23	633.37	91.78	0.22
Reach-1	51369	5-yr	3336.00	967.29	979.46	972.52	979.65	0.000562	3.49	957.22	168.58	0.26
Reach-1	51369	10-yr	4375.00	967.29	981.52	973.38	981.68	0.000397	3.21	1363.36	226.02	0.23
Reach-1	51369	50-yr	7239.00	967.29	985.35	975.43	985.48	0.000192	2.91	3052.18	729.00	0.17
Reach-1	51369	100-yr	8721.00	967.29	986.95	976.36	987.05	0.000137	2.72	4219.19	729.00	0.15
Reach-1	51369	10-50yrA	5330.00	967.29	982.85	974.10	983.00	0.000325	3.16	1694.48	275.91	0.22
Reach-1	51369	10-50yrB	6285.00	967.29	984.12	974.77	984.27	0.000256	3.06	2235.63	521.09	0.20
Reach-1	51319	Avg Annual	134.00	967.40	970.23	968.20	970.24	0.000162	0.93	143.46	67.91	0.11
Reach-1	51319	0.5-yr	1422.00	967.40	975.32	970.56	975.42	0.000295	2.49	570.32	90.53	0.18
Reach-1	51319	1-yr	1670.00	967.40	975.96	970.85	976.07	0.000314	2.66	628.64	93.00	0.18
Reach-1	51319	1.5-yr	1761.00	967.40	976.18	970.95	976.29	0.000321	2.71	648.88	93.84	0.18
Reach-1	51319	2-yr	2047.00	967.40	976.82	971.22	976.94	0.000342	2.88	709.56	96.32	0.19



Reach-1	51319	5-yr	3336.00	967.40	979.45	972.28	979.62	0.000455	3.32	1005.65	119.75	0.20
Reach-1	51319	10-yr	4375.00	967.40	981.48	973.03	981.65	0.000763	3.26	1340.44	213.51	0.23
Reach-1	51319	50-yr	7239.00	967.40	985.36	974.82	985.45	0.001193	2.41	3006.30	766.00	0.21
Reach-1	51319	100-yr	8721.00	967.40	986.97	975.65	987.03	0.000554	2.06	4238.71	766.00	0.15
Reach-1	51319	10-50yrA	5330.00	967.40	982.82	973.66	982.98	0.000807	3.19	1668.58	275.49	0.23
Reach-1	51319	10-50yrB	6285.00	967.40	984.11	974.26	984.24	0.001107	2.89	2172.01	488.95	0.24
Reach-1	51269	Avg Annual	134.00	966.23	970.22	967.51	970.23	0.000113	0.91	146.81	54.50	0.10
Reach-1	51269	0.5-yr	1422.00	966.23	975.26	970.29	975.40	0.000416	3.00	473.28	75.71	0.21
Reach-1	51269	1-yr	1670.00	966.23	975.89	970.63	976.05	0.000449	3.20	522.07	79.67	0.22
Reach-1	51269	1.5-yr	1761.00	966.23	976.10	970.74	976.27	0.000460	3.27	539.27	81.02	0.22
Reach-1	51269	2-yr	2047.00	966.23	976.73	971.10	976.92	0.000492	3.46	591.65	85.00	0.23
Reach-1	51269	5-yr	3336.00	966.23	979.33	972.48	979.58	0.000682	3.99	835.34	108.71	0.25
Reach-1	51269	10-yr	4375.00	966.23	981.36	973.43	981.59	0.001517	3.84	1142.72	198.13	0.27
Reach-1	51269	50-yr	7239.00	966.23	985.25	975.64	985.40	0.000679	3.31	2550.50	712.00	0.19
Reach-1	51269	100-yr	8721.00	966.23	986.90	976.64	987.01	0.000413	2.84	3730.88	712.00	0.15
Reach-1	51269	10-50yrA	5330.00	966.23	982.71	974.21	982.92	0.001263	3.74	1453.66	265.45	0.25
Reach-1	51269	10-50yrB	6285.00	966.23	983.99	974.93	984.18	0.000945	3.59	1844.50	349.97	0.22
Reach-1	51219	Avg Annual	134.00	967.67	970.16	969.42	970.22	0.001309	1.89	70.86	55.73	0.30
Reach-1	51219	0.5-yr	1422.00	967.67	975.17	971.63	975.37	0.000769	3.55	400.04	79.51	0.28
Reach-1	51219	1-yr	1670.00	967.67	975.80	971.93	976.01	0.000896	3.69	453.17	88.68	0.29
Reach-1	51219	1.5-yr	1761.00	967.67	976.02	972.04	976.23	0.000893	3.73	472.43	89.98	0.29
Reach-1	51219	2-yr	2047.00	967.67	976.65	972.36	976.88	0.000888	3.86	530.84	93.80	0.29
Reach-1	51219	5-yr	3336.00	967.67	979.27	973.64	979.54	0.001191	4.15	804.35	127.85	0.29
Reach-1	51219	10-yr	4375.00	967.67	981.28	974.54	981.50	0.001903	3.84	1138.51	205.22	0.29
Reach-1	51219	50-yr	7239.00	967.67	985.23	976.69	985.36	0.000851	3.02	2659.24	765.97	0.19
Reach-1	51219	100-yr	8721.00	967.67	986.90	977.51	986.98	0.000459	2.50	3952.22	773.00	0.14
Reach-1	51219	10-50yrA	5330.00	967.67	982.64	975.40	982.85	0.001886	3.65	1474.63	311.52	0.27
Reach-1	51219	10-50yrB	6285.00	967.67	983.96	976.10	984.12	0.001279	3.31	1955.96	413.63	0.23
Reach-1	51169	Avg Annual	134.00	967.00	970.16	968.73	970.18	0.000280	1.13	118.82	63.74	0.15
Reach-1	51169	0.5-yr	1422.00	967.00	975.19	970.81	975.32	0.000425	2.90	490.13	85.60	0.21
Reach-1	51169	1-yr	1670.00	967.00	975.81	971.09	975.96	0.000439	3.06	545.28	90.39	0.22
Reach-1	51169	1.5-yr	1761.00	967.00	976.03	971.19	976.18	0.000443	3.12	564.91	92.03	0.22
Reach-1	51169	2-yr	2047.00	967.00	976.66	971.50	976.83	0.000457	3.28	624.89	97.14	0.23
Reach-1	51169	5-yr	3336.00	967.00	979.26	972.70	979.47	0.000864	3.60	925.78	148.92	0.25
Reach-1	51169	10-yr	4375.00	967.00	981.23	973.54	981.40	0.001652	3.32	1316.60	239.20	0.25
Reach-1	51169	50-yr	7239.00	967.00	985.19	975.55	985.32	0.000672	2.98	2631.11	665.00	0.17
Reach-1	51169	100-yr	8721.00	967.00	986.86	976.47	986.96	0.000450	2.70	3742.83	665.00	0.14
Reach-1	51169	10-50yrA	5330.00	967.00	982.60	974.24	982.76	0.001182	3.23	1658.17	283.81	0.22
Reach-1	51169	10-50yrB	6285.00	967.00	983.92	974.92	984.06	0.000884	3.12	2069.01	320.82	0.19
Reach-1	51119	Avg Annual	134.00	967.05	970.13	968.70	970.16	0.000456	1.33	101.08	61.89	0.18
Reach-1	51119	0.5-yr	1422.00	967.05	975.15	971.04	975.29	0.000515	3.02	470.61	89.94	0.23
Reach-1	51119	1-yr	1670.00	967.05	975.78	971.33	975.94	0.000505	3.16	527.99	92.78	0.23
Reach-1	51119	1.5-yr	1761.00	967.05	976.00	971.43	976.16	0.000502	3.21	548.09	93.75	0.23
Reach-1	51119	2-yr	2047.00	967.05	976.63	971.74	976.81	0.000499	3.36	608.51	96.61	0.24
Reach-1	51119	5-yr	3336.00	967.05	979.20	972.96	979.41	0.001246	3.71	899.51	178.54	0.29
Reach-1	51119	10-yr	4375.00	967.05	981.17	973.83	981.33	0.000987	3.18	1375.66	262.09	0.24
Reach-1	51119	50-yr	7239.00	967.05	985.17	975.82	985.29	0.000382	2.85	2770.44	723.76	0.17

Reach-1	51119	100-yr	8721.00	967.05	986.85	976.65	986.94	0.000267	2.64	4067.33	778.50	0.14
Reach-1	51119	10-50yrA	5330.00	967.05	982.57	974.56	982.71	0.000677	3.05	1750.50	285.34	0.21
Reach-1	51119	10-50yrB	6285.00	967.05	983.89	975.25	984.03	0.000499	2.95	2178.81	335.08	0.19
Reach-1	51069	Avg Annual	134.00	966.84	970.12	968.56	970.14	0.000313	1.23	109.25	56.14	0.15
Reach-1	51069	0.5-yr	1422.00	966.84	975.11	970.91	975.27	0.000531	3.22	441.25	77.13	0.24
Reach-1	51069	1-yr	1670.00	966.84	975.73	971.22	975.91	0.000543	3.41	489.83	79.25	0.24
Reach-1	51069	1.5-yr	1761.00	966.84	975.94	971.33	976.13	0.000551	3.47	506.81	80.09	0.24
Reach-1	51069	2-yr	2047.00	966.84	976.57	971.66	976.78	0.000577	3.67	557.84	82.54	0.25
Reach-1	51069	5-yr	3336.00	966.84	979.07	972.97	979.35	0.000983	4.26	783.24	113.94	0.29
Reach-1	51069	10-yr	4375.00	966.84	981.01	973.87	981.26	0.001905	3.98	1100.20	192.94	0.29
Reach-1	51069	50-yr	7239.00	966.84	985.10	975.94	985.26	0.000773	3.40	2545.17	651.78	0.20
Reach-1	51069	100-yr	8721.00	966.84	986.80	976.85	986.93	0.000510	3.08	3735.40	715.00	0.17
Reach-1	51069	10-50yrA	5330.00	966.84	982.42	974.63	982.65	0.001483	3.87	1379.25	223.34	0.26
Reach-1	51069	10-50yrB	6285.00	966.84	983.78	975.30	983.99	0.001106	3.69	1790.16	447.07	0.24
Reach-1	51019	Avg Annual	134.00	966.32	970.10	967.88	970.13	0.000251	1.29	103.73	38.70	0.14
Reach-1	51019	0.5-yr	1422.00	966.32	975.06	970.85	975.23	0.000689	3.40	418.69	78.28	0.26
Reach-1	51019	1-yr	1670.00	966.32	975.68	971.63	975.87	0.000823	3.56	468.93	83.69	0.27
Reach-1	51019	1.5-yr	1761.00	966.32	975.89	971.75	976.09	0.000868	3.62	486.95	85.56	0.27
Reach-1	51019	2-yr	2047.00	966.32	976.52	972.07	976.74	0.000994	3.77	542.44	91.06	0.27
Reach-1	51019	5-yr	3336.00	966.32	979.02	973.33	979.29	0.001377	4.18	797.93	115.55	0.28
Reach-1	51019	10-yr	4375.00	966.32	980.91	974.20	981.13	0.002964	3.72	1176.81	232.36	0.29
Reach-1	51019	50-yr	7239.00	966.32	985.07	976.31	985.22	0.001000	3.14	2475.06	620.12	0.19
Reach-1	51019	100-yr	8721.00	966.32	986.78	977.23	986.90	0.000670	2.87	3571.98	660.39	0.16
Reach-1	51019	10-50yrA	5330.00	966.32	982.36	974.89	982.56	0.001958	3.51	1519.29	243.24	0.25
Reach-1	51019	10-50yrB	6285.00	966.32	983.74	975.63	983.91	0.001396	3.35	1925.78	349.65	0.21
Reach-1	50969	Avg Annual	134.00	966.75	970.09	968.09	970.11	0.000265	1.16	115.47	57.47	0.14
Reach-1	50969	0.5-yr	1422.00	966.75	975.05	970.79	975.20	0.000498	3.08	461.42	81.53	0.23
Reach-1	50969	1-yr	1670.00	966.75	975.66	971.10	975.82	0.000714	3.25	514.02	89.91	0.24
Reach-1	50969	1.5-yr	1761.00	966.75	975.87	971.20	976.04	0.000737	3.30	533.19	91.15	0.24
Reach-1	50969	2-yr	2047.00	966.75	976.50	971.52	976.68	0.000803	3.46	591.27	94.79	0.24
Reach-1	50969	5-yr	3336.00	966.75	979.00	972.78	979.18	0.002193	3.35	995.07	233.15	0.29
Reach-1	50969	10-yr	4375.00	966.75	980.88	973.65	981.02	0.001160	3.03	1455.58	270.19	0.22
Reach-1	50969	50-yr	7239.00	966.75	985.07	975.80	985.17	0.000468	2.67	2824.76	624.79	0.15
Reach-1	50969	100-yr	8721.00	966.75	986.78	976.59	986.87	0.000353	2.55	3903.46	635.67	0.13
Reach-1	50969	10-50yrA	5330.00	966.75	982.35	974.39	982.48	0.000800	2.88	1876.81	296.36	0.19
Reach-1	50969	10-50yrB	6285.00	966.75	983.74	975.09	983.85	0.000595	2.76	2298.85	322.66	0.16
Reach-1	50919	Avg Annual	134.00	967.44	970.04	968.53	970.09	0.000630	1.73	77.51	38.53	0.21
Reach-1	50919	0.5-yr	1422.00	967.44	974.93	971.82	975.15	0.000919	3.78	375.93	75.53	0.30
Reach-1	50919	1-yr	1670.00	967.44	975.53	972.10	975.77	0.000972	3.95	422.30	79.38	0.30
Reach-1	50919	1.5-yr	1761.00	967.44	975.74	972.20	975.99	0.000990	4.01	439.04	80.77	0.30
Reach-1	50919	2-yr	2047.00	967.44	976.36	972.52	976.63	0.001043	4.18	490.14	84.89	0.31
Reach-1	50919	5-yr	3336.00	967.44	978.74	973.75	979.08	0.001266	4.68	712.50	105.42	0.32
Reach-1	50919	10-yr	4375.00	967.44	980.62	974.62	980.94	0.001460	4.53	1016.91	236.80	0.30
Reach-1	50919	50-yr	7239.00	967.44	984.92	976.71	985.14	0.000586	3.94	2157.09	513.29	0.21
Reach-1	50919	100-yr	8721.00	967.44	986.67	977.62	986.84	0.000442	3.76	3162.88	584.04	0.18
Reach-1	50919	10-50yrA	5330.00	967.44	982.15	975.35	982.42	0.000999	4.27	1396.20	257.34	0.26
Reach-1	50919	10-50yrB	6285.00	967.44	983.58	976.05	983.81	0.000742	4.07	1764.58	260.50	0.23

Reach-1	50869	Avg Annual	134.00	966.71	970.03	968.33	970.06	0.000370	1.33	100.40	51.31	0.17
Reach-1	50869	0.5-yr	1422.00	966.71	974.92	970.99	975.11	0.000649	3.52	404.50	71.92	0.26
Reach-1	50869	1-yr	1670.00	966.71	975.51	971.32	975.73	0.000702	3.73	448.07	74.75	0.27
Reach-1	50869	1.5-yr	1761.00	966.71	975.72	971.43	975.94	0.000721	3.80	463.66	75.76	0.27
Reach-1	50869	2-yr	2047.00	966.71	976.33	971.77	976.58	0.000778	4.01	510.88	78.74	0.28
Reach-1	50869	5-yr	3336.00	966.71	978.68	973.12	979.02	0.000954	4.70	709.55	90.20	0.30
Reach-1	50869	10-yr	4375.00	966.71	980.50	974.05	980.87	0.000942	4.94	905.58	161.44	0.29
Reach-1	50869	50-yr	7239.00	966.71	984.83	976.21	985.11	0.000476	4.56	2266.08	634.57	0.22
Reach-1	50869	100-yr	8721.00	966.71	986.60	977.17	986.82	0.000358	4.30	3393.48	639.58	0.19
Reach-1	50869	10-50yrA	5330.00	966.71	982.01	974.82	982.37	0.000755	4.90	1260.15	288.63	0.27
Reach-1	50869	10-50yrB	6285.00	966.71	983.45	975.54	983.77	0.000595	4.74	1678.25	291.47	0.24
Reach-1	50819	Avg Annual	134.00	967.15	970.01	968.33	970.04	0.000418	1.53	87.76	37.93	0.18
Reach-1	50819	0.5-yr	1422.00	967.15	974.81	971.24	975.06	0.001051	4.03	352.68	69.76	0.32
Reach-1	50819	1-yr	1670.00	967.15	975.40	972.05	975.67	0.001222	4.22	395.32	76.57	0.33
Reach-1	50819	1.5-yr	1761.00	967.15	975.60	972.16	975.89	0.001302	4.28	411.43	79.70	0.33
Reach-1	50819	2-yr	2047.00	967.15	976.22	972.48	976.52	0.001420	4.42	462.87	86.48	0.34
Reach-1	50819	5-yr	3336.00	967.15	978.60	973.77	978.96	0.001418	4.86	686.79	101.64	0.33
Reach-1	50819	10-yr	4375.00	967.15	980.43	974.70	980.81	0.001897	4.91	890.92	130.78	0.33
Reach-1	50819	50-yr	7239.00	967.15	984.82	976.95	985.06	0.001100	4.05	1922.70	458.20	0.24
Reach-1	50819	100-yr	8721.00	967.15	986.61	977.83	986.78	0.000700	3.61	2803.53	495.00	0.20
Reach-1	50819	10-50yrA	5330.00	967.15	981.96	975.63	982.30	0.002381	4.72	1129.54	187.94	0.34
Reach-1	50819	10-50yrB	6285.00	967.15	983.42	976.34	983.72	0.001599	4.39	1464.19	254.16	0.28
Reach-1	50769	Avg Annual	134.00	967.07	969.99	968.28	970.02	0.000337	1.31	102.25	50.33	0.16
Reach-1	50769	0.5-yr	1422.00	967.07	974.80	970.90	975.01	0.000698	3.67	387.91	68.20	0.27
Reach-1	50769	1-yr	1670.00	967.07	975.38	971.23	975.61	0.000803	3.88	429.89	77.52	0.29
Reach-1	50769	1.5-yr	1761.00	967.07	975.58	971.35	975.82	0.000837	3.95	445.98	80.32	0.30
Reach-1	50769	2-yr	2047.00	967.07	976.19	971.72	976.45	0.000924	4.12	496.36	85.71	0.30
Reach-1	50769	5-yr	3336.00	967.07	978.56	973.09	978.89	0.001255	4.57	730.24	114.66	0.32
Reach-1	50769	10-yr	4375.00	967.07	980.40	974.06	980.73	0.001013	4.57	962.54	155.46	0.29
Reach-1	50769	50-yr	7239.00	967.07	984.74	976.48	985.02	0.000512	4.39	1889.99	417.47	0.23
Reach-1	50769	100-yr	8721.00	967.07	986.52	977.48	986.75	0.000388	4.20	2753.99	511.50	0.20
Reach-1	50769	10-50yrA	5330.00	967.07	981.91	974.85	982.23	0.000795	4.56	1213.65	174.36	0.27
Reach-1	50769	10-50yrB	6285.00	967.07	983.36	975.80	983.67	0.000636	4.51	1484.60	202.88	0.25
Reach-1	50719	Avg Annual	134.00	963.38	970.00	965.17	970.01	0.000071	0.92	145.54	31.29	0.08
Reach-1	50719	0.5-yr	1422.00	963.38	974.80	969.22	974.96	0.000537	3.17	448.66	77.45	0.23
Reach-1	50719	1-yr	1670.00	963.38	975.38	969.76	975.56	0.000573	3.37	495.06	81.96	0.24
Reach-1	50719	1.5-yr	1761.00	963.38	975.59	969.95	975.77	0.000584	3.44	511.83	83.47	0.24
Reach-1	50719	2-yr	2047.00	963.38	976.19	970.98	976.40	0.000637	3.63	563.73	88.95	0.25
Reach-1	50719	5-yr	3336.00	963.38	978.55	972.41	978.82	0.000724	4.22	791.34	102.85	0.27
Reach-1	50719	10-yr	4375.00	963.38	980.37	973.37	980.68	0.000690	4.43	988.07	115.19	0.26
Reach-1	50719	50-yr	7239.00	963.38	984.70	975.56	985.00	0.000437	4.52	1921.54	529.94	0.22
Reach-1	50719	100-yr	8721.00	963.38	986.49	976.56	986.73	0.000333	4.31	2879.00	536.35	0.20
Reach-1	50719	10-50yrA	5330.00	963.38	981.87	974.15	982.20	0.000616	4.58	1188.62	156.87	0.25
Reach-1	50719	10-50yrB	6285.00	963.38	983.32	974.90	983.64	0.000527	4.60	1480.82	212.08	0.24
Reach-1	50669	Avg Annual	134.00	966.01	969.99	967.06	970.00	0.000103	0.78	172.27	54.16	0.08
Reach-1	50669	0.5-yr	1422.00	966.01	974.78	969.56	974.92	0.000733	3.01	471.78	78.88	0.22

Reach-1	50669	1-yr	1670.00	966.01	975.36	969.90	975.52	0.000767	3.22	517.97	80.61	0.22
Reach-1	50669	1.5-yr	1761.00	966.01	975.56	970.01	975.73	0.000780	3.30	534.34	81.35	0.23
Reach-1	50669	2-yr	2047.00	966.01	976.17	970.36	976.36	0.000820	3.51	583.96	84.11	0.23
Reach-1	50669	5-yr	3336.00	966.01	978.51	971.77	978.78	0.000918	4.18	797.92	97.76	0.26
Reach-1	50669	10-yr	4375.00	966.01	980.33	972.83	980.64	0.000914	4.43	1005.26	178.64	0.26
Reach-1	50669	50-yr	7239.00	966.01	984.81	975.19	984.92	0.000403	2.99	2979.60	944.77	0.18
Reach-1	50669	100-yr	8721.00	966.01	986.61	976.13	986.67	0.000188	2.27	5012.76	1236.47	0.13
Reach-1	50669	10-50yrA	5330.00	966.01	981.88	973.69	982.14	0.000941	4.22	1360.88	284.00	0.27
Reach-1	50669	10-50yrB	6285.00	966.01	983.38	974.60	983.57	0.000737	3.67	1950.52	543.41	0.24
Reach-1	50619	Avg Annual	134.00	966.17	969.98	967.57	970.00	0.000177	0.94	143.10	53.20	0.10
Reach-1	50619	0.5-yr	1422.00	966.17	974.72	970.11	974.88	0.000783	3.25	437.92	71.45	0.23
Reach-1	50619	1-yr	1670.00	966.17	975.29	970.45	975.48	0.000839	3.48	479.54	73.78	0.24
Reach-1	50619	1.5-yr	1761.00	966.17	975.49	970.57	975.69	0.000856	3.56	494.36	74.50	0.24
Reach-1	50619	2-yr	2047.00	966.17	976.09	970.93	976.31	0.000905	3.80	539.24	76.70	0.25
Reach-1	50619	5-yr	3336.00	966.17	978.40	972.32	978.73	0.001044	4.59	726.89	85.54	0.28
Reach-1	50619	10-yr	4375.00	966.17	980.21	973.28	980.58	0.001031	4.92	901.50	163.22	0.28
Reach-1	50619	50-yr	7239.00	966.17	984.77	975.47	984.89	0.000571	3.05	2733.05	818.29	0.21
Reach-1	50619	100-yr	8721.00	966.17	986.58	976.44	986.65	0.000244	2.34	4531.16	1167.17	0.14
Reach-1	50619	10-50yrA	5330.00	966.17	981.75	974.05	982.08	0.001205	4.71	1227.10	272.20	0.30
Reach-1	50619	10-50yrB	6285.00	966.17	983.32	974.79	983.52	0.001048	3.84	1804.56	471.94	0.28
Reach-1	50569	Avg Annual	134.00	964.67	969.98	966.60	969.99	0.000080	0.79	169.64	48.74	0.07
Reach-1	50569	0.5-yr	1422.00	964.67	974.68	969.43	974.85	0.000616	3.25	437.26	65.74	0.22
Reach-1	50569	1-yr	1670.00	964.67	975.25	969.80	975.44	0.000677	3.51	475.13	67.97	0.23
Reach-1	50569	1.5-yr	1761.00	964.67	975.45	969.93	975.65	0.000697	3.60	488.64	68.75	0.24
Reach-1	50569	2-yr	2047.00	964.67	976.04	970.32	976.27	0.000756	3.86	529.69	71.07	0.25
Reach-1	50569	5-yr	3336.00	964.67	978.33	971.86	978.68	0.000922	4.75	702.78	79.93	0.28
Reach-1	50569	10-yr	4375.00	964.67	980.12	972.90	980.53	0.000960	5.13	858.87	142.38	0.29
Reach-1	50569	50-yr	7239.00	964.67	984.65	975.32	984.85	0.000895	3.73	2125.43	574.71	0.27
Reach-1	50569	100-yr	8721.00	964.67	986.51	976.38	986.63	0.000406	2.99	3567.29	992.78	0.19
Reach-1	50569	10-50yrA	5330.00	964.67	981.62	973.77	982.01	0.001150	5.11	1095.64	187.41	0.32
Reach-1	50569	10-50yrB	6285.00	964.67	983.16	974.59	983.45	0.001453	4.40	1486.32	330.71	0.33
Reach-1	50519	Avg Annual	134.00	965.53	969.98	966.55	969.99	0.000067	0.70	190.29	57.41	0.07
Reach-1	50519	0.5-yr	1422.00	965.53	974.69	969.27	974.81	0.000468	2.80	508.64	78.80	0.19
Reach-1	50519	1-yr	1670.00	965.53	975.26	969.60	975.40	0.000513	3.01	554.30	81.47	0.20
Reach-1	50519	1.5-yr	1761.00	965.53	975.46	969.72	975.60	0.000527	3.09	570.58	82.35	0.21
Reach-1	50519	2-yr	2047.00	965.53	976.05	970.08	976.22	0.000569	3.30	619.99	84.89	0.22
Reach-1	50519	5-yr	3336.00	965.53	978.35	971.44	978.61	0.000680	4.04	825.49	93.27	0.24
Reach-1	50519	10-yr	4375.00	965.53	980.16	972.39	980.46	0.000697	4.37	1000.38	100.68	0.24
Reach-1	50519	50-yr	7239.00	965.53	984.52	974.59	984.81	0.000576	4.38	1941.15	439.69	0.23
Reach-1	50519	100-yr	8721.00	965.53	986.39	975.55	986.60	0.000400	3.98	2866.30	562.68	0.20
Reach-1	50519	10-50yrA	5330.00	965.53	981.62	973.17	981.94	0.000817	4.59	1161.63	126.07	0.27
Reach-1	50519	10-50yrB	6285.00	965.53	983.06	973.91	983.39	0.000749	4.61	1404.98	236.06	0.26
Reach-1	50469	Avg Annual	134.00	964.30	969.98	966.09	969.98	0.000048	0.65	205.05	51.82	0.06
Reach-1	50469	0.5-yr	1422.00	964.30	974.65	968.76	974.78	0.000509	2.92	486.69	71.51	0.20
Reach-1	50469	1-yr	1670.00	964.30	975.21	969.12	975.37	0.000568	3.16	527.72	74.07	0.21
Reach-1	50469	1.5-yr	1761.00	964.30	975.41	969.24	975.57	0.000588	3.25	542.36	74.96	0.21
Reach-1	50469	2-yr	2047.00	964.30	975.99	969.63	976.18	0.000645	3.49	586.92	77.59	0.22

Reach-1	50469	5-yr	3336.00	964.30	978.28	971.12	978.57	0.000801	4.31	773.39	85.72	0.25
Reach-1	50469	10-yr	4375.00	964.30	980.07	972.15	980.41	0.000824	4.69	932.86	92.08	0.26
Reach-1	50469	50-yr	7239.00	964.30	984.42	974.67	984.76	0.000869	4.73	1640.58	372.59	0.27
Reach-1	50469	100-yr	8721.00	964.30	986.33	975.71	986.58	0.000557	4.23	2554.80	542.40	0.22
Reach-1	50469	10-50yrA	5330.00	964.30	981.51	973.05	981.89	0.000969	4.94	1078.07	116.04	0.29
Reach-1	50469	10-50yrB	6285.00	964.30	982.97	973.91	983.34	0.001145	4.93	1275.60	158.03	0.31
Reach-1	50419	Avg Annual	134.00	965.04	969.96	966.60	969.98	0.000125	0.97	137.70	39.76	0.09
Reach-1	50419	0.5-yr	1422.00	965.04	974.49	969.89	974.74	0.001016	3.95	359.85	59.05	0.28
Reach-1	50419	1-yr	1670.00	965.04	975.04	970.33	975.32	0.001113	4.25	392.54	61.43	0.30
Reach-1	50419	1.5-yr	1761.00	965.04	975.23	970.48	975.52	0.001144	4.36	404.24	62.20	0.30
Reach-1	50419	2-yr	2047.00	965.04	975.79	970.94	976.13	0.001232	4.65	439.88	64.50	0.31
Reach-1	50419	5-yr	3336.00	965.04	978.01	972.67	978.49	0.001516	5.59	596.31	75.93	0.35
Reach-1	50419	10-yr	4375.00	965.04	979.79	973.83	980.34	0.001475	5.93	738.32	83.08	0.35
Reach-1	50419	50-yr	7239.00	965.04	984.11	976.35	984.69	0.001089	6.21	1285.86	236.36	0.31
Reach-1	50419	100-yr	8721.00	965.04	986.08	977.49	986.53	0.000790	5.72	2002.61	444.10	0.27
Reach-1	50419	10-50yrA	5330.00	965.04	981.22	974.76	981.81	0.001418	6.18	868.68	101.35	0.35
Reach-1	50419	10-50yrB	6285.00	965.04	982.65	975.56	983.26	0.001266	6.28	1031.51	131.52	0.33
Reach-1	50369	Avg Annual	134.00	963.09	969.96	966.01	969.97	0.000095	0.88	152.94	40.96	0.08
Reach-1	50369	0.5-yr	1422.00	963.09	974.46	969.52	974.68	0.000955	3.79	375.30	58.15	0.26
Reach-1	50369	1-yr	1670.00	963.09	975.00	969.94	975.26	0.001065	4.10	407.12	60.31	0.28
Reach-1	50369	1.5-yr	1761.00	963.09	975.18	970.09	975.46	0.001103	4.21	418.51	61.11	0.28
Reach-1	50369	2-yr	2047.00	963.09	975.74	970.52	976.06	0.001214	4.52	453.23	63.50	0.30
Reach-1	50369	5-yr	3336.00	963.09	977.94	972.28	978.41	0.001522	5.54	602.61	72.37	0.34
Reach-1	50369	10-yr	4375.00	963.09	979.72	973.43	980.26	0.001531	5.93	737.50	79.31	0.34
Reach-1	50369	50-yr	7239.00	963.09	984.03	976.02	984.63	0.001327	6.22	1193.21	178.61	0.34
Reach-1	50369	100-yr	8721.00	963.09	985.98	977.15	986.48	0.000969	5.86	1763.53	362.84	0.30
Reach-1	50369	10-50yrA	5330.00	963.09	981.14	974.37	981.74	0.001570	6.21	857.80	91.24	0.36
Reach-1	50369	10-50yrB	6285.00	963.09	982.57	975.23	983.19	0.001540	6.29	999.02	105.80	0.36
Reach-1	50319	Avg Annual	134.00	964.96	969.96	966.21	969.97	0.000091	0.86	155.86	42.16	0.08
Reach-1	50319	0.5-yr	1422.00	964.96	974.42	969.46	974.63	0.000893	3.73	381.15	58.25	0.26
Reach-1	50319	1-yr	1670.00	964.96	974.95	969.89	975.20	0.000994	4.05	412.63	60.01	0.27
Reach-1	50319	1.5-yr	1761.00	964.96	975.14	970.04	975.40	0.001030	4.15	423.83	60.67	0.28
Reach-1	50319	2-yr	2047.00	964.96	975.69	970.48	976.00	0.001141	4.47	457.91	62.90	0.29
Reach-1	50319	5-yr	3336.00	964.96	977.87	972.18	978.34	0.001466	5.52	604.66	71.60	0.33
Reach-1	50319	10-yr	4375.00	964.96	979.64	973.31	980.19	0.001485	5.93	737.60	78.12	0.34
Reach-1	50319	50-yr	7239.00	964.96	983.92	975.86	984.56	0.001331	6.41	1143.52	138.19	0.34
Reach-1	50319	100-yr	8721.00	964.96	985.84	977.00	986.42	0.001060	6.24	1559.19	303.95	0.31
Reach-1	50319	10-50yrA	5330.00	964.96	981.06	974.23	981.66	0.001497	6.24	853.65	85.93	0.35
Reach-1	50319	10-50yrB	6285.00	964.96	982.48	975.07	983.11	0.001433	6.40	982.13	94.55	0.35
Reach-1	50269	Avg Annual	134.00	965.43	969.95	966.70	969.96	0.000097	0.85	157.36	46.06	0.08
Reach-1	50269	0.5-yr	1422.00	965.43	974.39	969.58	974.58	0.000831	3.53	403.13	65.60	0.25
Reach-1	50269	1-yr	1670.00	965.43	974.92	969.96	975.15	0.000914	3.81	438.66	67.88	0.26
Reach-1	50269	1.5-yr	1761.00	965.43	975.11	970.10	975.34	0.000939	3.90	451.33	68.53	0.27
Reach-1	50269	2-yr	2047.00	965.43	975.66	970.52	975.93	0.001023	4.18	489.77	70.71	0.28
Reach-1	50269	5-yr	3336.00	965.43	977.85	972.13	978.25	0.001300	5.09	655.63	81.13	0.32
Reach-1	50269	10-yr	4375.00	965.43	979.64	973.21	980.09	0.001306	5.41	808.27	89.25	0.32
Reach-1	50269	50-yr	7239.00	965.43	983.94	975.59	984.47	0.001099	5.80	1261.50	142.16	0.31

Reach-1	50269	100-yr	8721.00	965.43	985.84	976.64	986.35	0.000932	5.82	1591.95	198.50	0.29
Reach-1	50269	10-50yrA	5330.00	965.43	981.06	974.09	981.56	0.001311	5.67	940.09	97.17	0.32
Reach-1	50269	10-50yrB	6285.00	965.43	982.49	974.89	983.01	0.001251	5.79	1086.30	107.44	0.32
Reach-1	50219	Avg Annual	134.00	964.43	969.95	965.62	969.96	0.000040	0.62	217.86	54.44	0.05
Reach-1	50219	0.5-yr	1422.00	964.43	974.41	968.51	974.53	0.000442	2.82	504.12	73.58	0.19
Reach-1	50219	1-yr	1670.00	964.43	974.94	968.88	975.09	0.000497	3.07	544.06	75.71	0.20
Reach-1	50219	1.5-yr	1761.00	964.43	975.13	969.01	975.29	0.000517	3.15	558.28	76.48	0.21
Reach-1	50219	2-yr	2047.00	964.43	975.69	969.40	975.87	0.000582	3.40	601.46	79.25	0.22
Reach-1	50219	5-yr	3336.00	964.43	977.88	970.90	978.16	0.000819	4.22	789.77	91.77	0.25
Reach-1	50219	10-yr	4375.00	964.43	979.68	971.92	980.00	0.000873	4.54	963.40	101.72	0.26
Reach-1	50219	50-yr	7239.00	964.43	984.00	974.20	984.37	0.000784	4.90	1488.03	151.05	0.26
Reach-1	50219	100-yr	8721.00	964.43	985.89	975.20	986.27	0.000779	4.96	1819.66	194.93	0.25
Reach-1	50219	10-50yrA	5330.00	964.43	981.11	972.75	981.46	0.000937	4.76	1118.97	115.43	0.27
Reach-1	50219	10-50yrB	6285.00	964.43	982.54	973.51	982.91	0.000880	4.87	1291.22	124.38	0.27
Reach-1	50169	Avg Annual	134.00	966.21	969.94	967.52	969.95	0.000144	0.88	151.61	56.66	0.10
Reach-1	50169	0.5-yr	1422.00	966.21	974.34	969.96	974.50	0.000738	3.18	447.17	76.90	0.23
Reach-1	50169	1-yr	1670.00	966.21	974.87	970.27	975.06	0.000797	3.42	488.58	79.35	0.24
Reach-1	50169	1.5-yr	1761.00	966.21	975.06	970.39	975.25	0.000818	3.50	503.37	80.30	0.25
Reach-1	50169	2-yr	2047.00	966.21	975.61	970.75	975.83	0.000881	3.73	548.32	83.00	0.26
Reach-1	50169	5-yr	3336.00	966.21	977.80	972.10	978.11	0.001034	4.51	739.75	91.72	0.28
Reach-1	50169	10-yr	4375.00	966.21	979.59	973.01	979.95	0.001015	4.81	910.20	98.64	0.28
Reach-1	50169	50-yr	7239.00	966.21	983.89	975.11	984.33	0.000979	5.27	1373.04	120.10	0.27
Reach-1	50169	100-yr	8721.00	966.21	985.77	976.05	986.22	0.000870	5.42	1645.52	174.58	0.26
Reach-1	50169	10-50yrA	5330.00	966.21	981.01	973.76	981.41	0.001013	5.05	1054.49	104.11	0.28
Reach-1	50169	10-50yrB	6285.00	966.21	982.44	974.45	982.86	0.000977	5.21	1206.73	109.08	0.28
Reach-1	50119	Avg Annual	134.00	967.11	969.92	968.04	969.94	0.000316	1.13	118.65	52.15	0.13
Reach-1	50119	0.5-yr	1422.00	967.11	974.24	970.51	974.45	0.001138	3.69	385.41	72.11	0.28
Reach-1	50119	1-yr	1670.00	967.11	974.76	970.85	975.00	0.001203	3.94	423.64	74.60	0.29
Reach-1	50119	1.5-yr	1761.00	967.11	974.94	970.97	975.19	0.001224	4.03	437.31	75.48	0.29
Reach-1	50119	2-yr	2047.00	967.11	975.48	971.32	975.77	0.001292	4.28	478.82	77.97	0.30
Reach-1	50119	5-yr	3336.00	967.11	977.64	972.71	978.04	0.001459	5.08	656.81	86.76	0.33
Reach-1	50119	10-yr	4375.00	967.11	979.44	973.65	979.88	0.001394	5.34	819.25	94.10	0.32
Reach-1	50119	50-yr	7239.00	967.11	983.75	975.82	984.26	0.001229	5.73	1264.25	112.63	0.30
Reach-1	50119	100-yr	8721.00	967.11	985.63	976.75	986.16	0.001175	5.88	1483.69	123.75	0.30
Reach-1	50119	10-50yrA	5330.00	967.11	980.86	974.43	981.34	0.001369	5.57	956.95	99.73	0.32
Reach-1	50119	10-50yrB	6285.00	967.11	982.29	975.16	982.80	0.001314	5.69	1104.58	106.12	0.31
Reach-1	50069	Avg Annual	134.00	967.39	969.89	968.27	969.92	0.000585	1.31	102.05	48.69	0.16
Reach-1	50069	0.5-yr	1422.00	967.39	974.08	970.79	974.37	0.001853	4.30	330.77	60.91	0.33
Reach-1	50069	1-yr	1670.00	967.39	974.59	971.15	974.92	0.001971	4.62	361.68	62.45	0.34
Reach-1	50069	1.5-yr	1761.00	967.39	974.76	971.27	975.11	0.002009	4.73	372.67	62.98	0.34
Reach-1	50069	2-yr	2047.00	967.39	975.28	971.64	975.67	0.002194	5.04	406.14	66.62	0.36
Reach-1	50069	5-yr	3336.00	967.39	977.37	973.07	977.93	0.002632	6.01	555.02	76.57	0.39
Reach-1	50069	10-yr	4375.00	967.39	979.17	974.06	979.77	0.002563	6.25	700.36	85.11	0.38
Reach-1	50069	50-yr	7239.00	967.39	983.50	976.48	984.17	0.002287	6.53	1109.07	102.33	0.35
Reach-1	50069	100-yr	8721.00	967.39	985.38	977.53	986.07	0.002246	6.67	1307.06	109.10	0.34
Reach-1	50069	10-50yrA	5330.00	967.39	980.59	974.92	981.23	0.002513	6.45	826.06	91.50	0.38
Reach-1	50069	10-50yrB	6285.00	967.39	982.03	975.74	982.69	0.002411	6.53	962.26	97.01	0.37



Reach-1	50019	Avg Annual	134.00	966.72	969.85	968.14	969.89	0.000780	1.46	91.79	46.88	0.18
Reach-1	50019	0.5-yr	1422.00	966.72	973.96	970.99	974.27	0.002127	4.49	316.39	61.13	0.35
Reach-1	50019	1-yr	1670.00	966.72	974.45	971.33	974.81	0.002236	4.81	346.89	62.53	0.36
Reach-1	50019	1.5-yr	1761.00	966.72	974.62	971.45	975.00	0.002272	4.92	357.71	63.03	0.36
Reach-1	50019	2-yr	2047.00	966.72	975.13	971.81	975.56	0.002389	5.25	389.95	64.56	0.38
Reach-1	50019	5-yr	3336.00	966.72	977.18	973.22	977.79	0.002696	6.27	531.78	73.41	0.41
Reach-1	50019	10-yr	4375.00	966.72	978.98	974.19	979.64	0.002428	6.53	669.90	80.08	0.40
Reach-1	50019	50-yr	7239.00	966.72	983.32	976.55	984.05	0.001910	6.88	1052.17	96.06	0.37
Reach-1	50019	100-yr	8721.00	966.72	985.19	977.58	985.96	0.001870	7.04	1239.08	103.85	0.36
Reach-1	50019	10-50yrA	5330.00	966.72	980.40	975.03	981.11	0.002299	6.77	787.06	84.99	0.39
Reach-1	50019	10-50yrB	6285.00	966.72	981.84	975.83	982.57	0.002124	6.88	913.98	90.69	0.38
Reach-1	49969	Avg Annual	134.00	965.69	969.84	967.38	969.86	0.000362	1.21	110.87	41.76	0.13
Reach-1	49969	0.5-yr	1422.00	965.69	973.85	970.52	974.17	0.002029	4.50	316.10	58.82	0.34
Reach-1	49969	1-yr	1670.00	965.69	974.33	970.94	974.70	0.002176	4.84	344.86	60.35	0.36
Reach-1	49969	1.5-yr	1761.00	965.69	974.50	971.07	974.88	0.002223	4.96	355.10	60.88	0.36
Reach-1	49969	2-yr	2047.00	965.69	975.00	971.48	975.43	0.002373	5.31	385.61	62.52	0.38
Reach-1	49969	5-yr	3336.00	965.69	977.00	973.02	977.64	0.003073	6.42	520.02	71.41	0.42
Reach-1	49969	10-yr	4375.00	965.69	978.81	974.05	979.50	0.003150	6.68	654.79	78.23	0.41
Reach-1	49969	50-yr	7239.00	965.69	983.16	976.47	983.94	0.002454	7.11	1026.52	93.69	0.36
Reach-1	49969	100-yr	8721.00	965.69	985.00	977.51	985.85	0.002195	7.40	1206.94	101.64	0.35
Reach-1	49969	10-50yrA	5330.00	965.69	980.22	974.90	980.97	0.003219	6.93	769.48	83.39	0.40
Reach-1	49969	10-50yrB	6285.00	965.69	981.67	975.71	982.45	0.002871	7.05	892.46	87.24	0.38
Reach-1	49919	Avg Annual	134.00	966.22	969.82	967.42	969.84	0.000377	1.19	112.45	43.25	0.13
Reach-1	49919	0.5-yr	1422.00	966.22	973.72	970.48	974.06	0.002231	4.65	305.48	55.76	0.35
Reach-1	49919	1-yr	1670.00	966.22	974.19	970.86	974.58	0.002425	5.03	331.86	57.64	0.37
Reach-1	49919	1.5-yr	1761.00	966.22	974.35	970.99	974.76	0.002479	5.16	341.28	58.23	0.37
Reach-1	49919	2-yr	2047.00	966.22	974.83	971.40	975.31	0.002641	5.55	369.06	59.80	0.39
Reach-1	49919	5-yr	3336.00	966.22	976.74	972.96	977.48	0.002939	6.90	483.59	66.79	0.43
Reach-1	49919	10-yr	4375.00	966.22	978.48	974.05	979.34	0.002641	7.45	587.61	73.56	0.42
Reach-1	49919	50-yr	7239.00	966.22	982.62	976.37	983.79	0.002230	8.66	836.28	85.19	0.41
Reach-1	49919	100-yr	8721.00	966.22	984.35	977.39	985.69	0.002190	9.28	940.18	88.83	0.41
Reach-1	49919	10-50yrA	5330.00	966.22	979.81	974.90	980.80	0.002562	7.98	667.58	78.77	0.42
Reach-1	49919	10-50yrB	6285.00	966.22	981.19	975.68	982.28	0.002410	8.37	750.60	82.19	0.42
Reach-1	49917	Avg Annual	134.00	967.00	969.81	967.89	969.84	0.000430	1.33	100.65	43.11	0.15
Reach-1	49917	0.5-yr	1422.00	967.00	973.68	970.76	974.05	0.002048	4.86	292.61	56.11	0.38
Reach-1	49917	1-yr	1670.00	967.00	974.15	971.13	974.57	0.002205	5.24	318.96	57.66	0.39
Reach-1	49917	1.5-yr	1761.00	967.00	974.31	971.27	974.76	0.002256	5.36	328.38	58.20	0.40
Reach-1	49917	2-yr	2047.00	967.00	974.79	971.67	975.30	0.002413	5.74	356.45	59.78	0.41
Reach-1	49917	5-yr	3336.00	967.00	976.70	973.20	977.47	0.002555	7.07	472.14	66.70	0.45
Reach-1	49917	10-yr	4375.00	967.00	978.44	974.27	979.33	0.002246	7.58	577.44	73.37	0.43
Reach-1	49917	50-yr	7239.00	967.00	982.60	976.53	983.78	0.001843	8.73	828.93	88.00	0.42
Reach-1	49917	100-yr	8721.00	967.00	984.33	977.53	985.68	0.001798	9.34	933.87	93.35	0.42
Reach-1	49917	10-50yrA	5330.00	967.00	979.77	975.07	980.79	0.002155	8.10	658.25	79.04	0.43
Reach-1	49917	10-50yrB	6285.00	967.00	981.16	975.83	982.28	0.002008	8.47	742.21	83.58	0.43
Reach-1	49857	Bridge										

Reach-1	49852	Avg Annual	134.00	967.00	969.78	968.21	969.82	0.000245	1.50	89.57	42.68	0.18
Reach-1	49852	0.5-yr	1422.00	967.00	973.54	970.98	973.96	0.000974	5.17	275.10	54.97	0.41
Reach-1	49852	1-yr	1670.00	967.00	973.99	971.37	974.47	0.001044	5.57	300.02	56.11	0.42
Reach-1	49852	1.5-yr	1761.00	967.00	974.15	971.50	974.65	0.001066	5.70	308.90	56.51	0.43
Reach-1	49852	2-yr	2047.00	967.00	974.61	971.90	975.19	0.001135	6.11	335.08	57.67	0.45
Reach-1	49852	5-yr	3336.00	967.00	976.46	973.38	977.33	0.001278	7.48	445.82	62.00	0.49
Reach-1	49852	10-yr	4375.00	967.00	978.20	974.42	979.16	0.001106	7.87	556.08	64.82	0.47
Reach-1	49852	50-yr	7239.00	967.00	982.22	976.78	983.45	0.000853	8.90	813.17	71.67	0.44
Reach-1	49852	100-yr	8721.00	967.00	983.80	977.84	985.21	0.000838	9.54	914.43	74.48	0.44
Reach-1	49852	10-50yrA	5330.00	967.00	979.51	975.27	980.59	0.001030	8.33	639.56	66.92	0.46
Reach-1	49852	10-50yrB	6285.00	967.00	980.85	976.07	982.02	0.000940	8.66	725.62	69.24	0.45
Reach-1	49836	Avg Annual	134.00	967.00	969.79	967.90	969.81	0.000148	1.26	105.97	44.52	0.14
Reach-1	49836	0.5-yr	1422.00	967.00	973.56	970.60	973.93	0.000781	4.88	291.14	53.59	0.37
Reach-1	49836	1-yr	1670.00	967.00	974.01	970.97	974.44	0.000850	5.30	315.38	54.50	0.39
Reach-1	49836	1.5-yr	1761.00	967.00	974.16	971.10	974.62	0.000884	5.44	323.97	54.70	0.39
Reach-1	49836	2-yr	2047.00	967.00	974.62	971.50	975.16	0.000993	5.86	349.10	55.29	0.41
Reach-1	49836	5-yr	3336.00	967.00	976.45	973.03	977.30	0.001401	7.37	452.40	57.64	0.46
Reach-1	49836	10-yr	4375.00	967.00	978.17	974.07	979.14	0.001480	7.90	553.66	59.86	0.46
Reach-1	49836	50-yr	7239.00	967.00	982.17	976.49	983.43	0.001675	9.01	803.24	65.16	0.45
Reach-1	49836	100-yr	8721.00	967.00	983.77	977.60	985.20	0.001825	9.59	909.02	67.45	0.46
Reach-1	49836	10-50yrA	5330.00	967.00	979.46	974.95	980.56	0.001602	8.44	631.61	61.51	0.46
Reach-1	49836	10-50yrB	6285.00	967.00	980.79	975.74	981.99	0.001661	8.79	714.86	63.29	0.46
Reach-1	49820	Avg Annual	134.00	967.18	969.77	968.45	969.81	0.000334	1.60	83.95	45.88	0.21
Reach-1	49820	0.5-yr	1422.00	967.18	973.50	971.06	973.91	0.000981	5.17	275.04	55.58	0.41
Reach-1	49820	1-yr	1670.00	967.18	973.94	971.41	974.42	0.001035	5.57	299.94	56.11	0.42
Reach-1	49820	1.5-yr	1761.00	967.18	974.10	971.53	974.60	0.001052	5.70	308.73	56.29	0.43
Reach-1	49820	2-yr	2047.00	967.18	974.55	971.90	975.13	0.001112	6.12	334.40	56.83	0.44
Reach-1	49820	5-yr	3336.00	967.18	976.38	973.34	977.27	0.001387	7.58	439.99	58.99	0.49
Reach-1	49820	10-yr	4375.00	967.18	978.11	974.32	979.12	0.001422	8.04	544.41	61.08	0.47
Reach-1	49820	50-yr	7239.00	967.18	982.14	976.67	983.40	0.001615	9.03	802.06	67.28	0.46
Reach-1	49820	100-yr	8721.00	967.18	983.74	977.74	985.16	0.001755	9.56	912.14	69.90	0.47
Reach-1	49820	10-50yrA	5330.00	967.18	979.41	975.15	980.54	0.001529	8.54	624.41	62.81	0.48
Reach-1	49820	10-50yrB	6285.00	967.18	980.75	975.94	981.97	0.001597	8.85	710.36	65.01	0.47
Reach-1	49791	Avg Annual	134.00	967.00	969.74	968.42	969.79	0.000441	1.87	71.73	38.08	0.24
Reach-1	49791	0.5-yr	1422.00	967.00	973.15	971.38	973.85	0.001743	6.67	213.05	44.69	0.54
Reach-1	49791	1-yr	1670.00	967.00	973.53	971.77	974.35	0.001919	7.26	230.06	45.57	0.57
Reach-1	49791	1.5-yr	1761.00	967.00	973.66	971.91	974.53	0.001980	7.46	236.05	45.87	0.58
Reach-1	49791	2-yr	2047.00	967.00	974.03	972.33	975.05	0.002184	8.09	253.09	46.73	0.61
Reach-1	49791	5-yr	3336.00	967.00	975.49	974.00	977.14	0.002853	10.31	323.57	50.06	0.71
Reach-1	49791	10-yr	4375.00	967.00	977.28	975.16	978.99	0.002598	10.50	416.51	53.51	0.66
Reach-1	49791	50-yr	7239.00	967.00	981.35	977.78	983.28	0.002788	11.14	649.68	60.75	0.60
Reach-1	49791	100-yr	8721.00	967.00	982.91	978.96	985.03	0.002973	11.68	746.47	63.39	0.60
Reach-1	49791	10-50yrA	5330.00	967.00	978.53	976.11	980.40	0.002918	10.99	484.99	56.34	0.66
Reach-1	49791	10-50yrB	6285.00	967.00	979.90	976.97	981.83	0.002871	11.15	563.72	58.30	0.63
Reach-1	49760	Avg Annual	134.00	968.00	969.66	968.94	969.77	0.001355	2.62	51.10	38.41	0.40
Reach-1	49760	0.5-yr	1422.00	968.00	973.02	971.82	973.78	0.002372	7.00	203.17	51.88	0.62
Reach-1	49760	1-yr	1670.00	968.00	973.41	972.18	974.28	0.002444	7.46	223.92	52.94	0.64

Reach-1	49760	1.5-yr	1761.00	968.00	973.55	972.31	974.45	0.002470	7.62	231.20	53.30	0.64
Reach-1	49760	2-yr	2047.00	968.00	973.96	972.70	974.97	0.002551	8.09	253.01	54.38	0.66
Reach-1	49760	5-yr	3336.00	968.00	975.54	974.23	976.99	0.002921	9.65	345.63	62.36	0.72
Reach-1	49760	10-yr	4375.00	968.00	977.44	975.32	978.81	0.002427	9.38	466.43	64.67	0.62
Reach-1	49760	50-yr	7239.00	968.00	981.59	977.53	983.06	0.002245	9.71	745.26	70.23	0.53
Reach-1	49760	100-yr	8721.00	968.00	983.19	978.52	984.79	0.002381	10.15	859.28	72.79	0.52
Reach-1	49760	10-50yrA	5330.00	968.00	978.74	976.11	980.19	0.002373	9.66	551.49	65.88	0.59
Reach-1	49760	10-50yrB	6285.00	968.00	980.14	976.84	981.62	0.002321	9.74	645.00	67.90	0.56
Reach-1	49720	Avg Annual	134.00	967.57	969.15	969.15	969.61	0.009713	5.49	24.39	26.54	1.01
Reach-1	49720	0.5-yr	1422.00	967.57	972.06	972.06	973.56	0.006724	9.82	144.87	49.32	1.01
Reach-1	49720	1-yr	1670.00	967.57	972.43	972.43	974.05	0.006540	10.24	163.14	50.96	1.01
Reach-1	49720	1.5-yr	1761.00	967.57	972.55	972.55	974.23	0.006484	10.38	169.66	51.54	1.01
Reach-1	49720	2-yr	2047.00	967.57	972.94	972.94	974.74	0.006326	10.79	189.72	53.27	1.01
Reach-1	49720	5-yr	3336.00	967.57	974.98	974.41	976.81	0.004032	10.86	307.22	60.47	0.85
Reach-1	49720	10-yr	4375.00	967.57	977.24	975.37	978.70	0.002198	9.71	450.68	66.40	0.66
Reach-1	49720	50-yr	7239.00	967.57	981.55	977.63	982.97	0.001655	9.55	757.90	75.06	0.53
Reach-1	49720	100-yr	8721.00	967.57	983.16	978.68	984.69	0.001745	9.90	880.93	77.61	0.52
Reach-1	49720	10-50yrA	5330.00	967.57	978.62	976.19	980.10	0.001867	9.79	544.49	70.02	0.62
Reach-1	49720	10-50yrB	6285.00	967.57	980.08	976.95	981.53	0.001730	9.69	648.88	72.73	0.57
Reach-1	49670	Avg Annual	134.00	967.22	968.35	968.35	968.74	0.010385	4.97	26.97	36.01	1.01
Reach-1	49670	0.5-yr	1422.00	967.22	971.56	971.15	972.71	0.004465	8.60	165.33	50.19	0.84
Reach-1	49670	1-yr	1670.00	967.22	972.06	971.51	973.25	0.004047	8.75	190.89	52.33	0.81
Reach-1	49670	1.5-yr	1761.00	967.22	972.23	971.64	973.44	0.003929	8.80	200.02	53.07	0.80
Reach-1	49670	2-yr	2047.00	967.22	972.76	972.03	974.01	0.003606	8.95	228.67	55.33	0.78
Reach-1	49670	5-yr	3336.00	967.22	975.26	973.53	976.45	0.002720	8.77	380.29	65.55	0.64
Reach-1	49670	10-yr	4375.00	967.22	977.39	974.55	978.47	0.002432	8.33	524.93	70.04	0.54
Reach-1	49670	50-yr	7239.00	967.22	981.64	976.77	982.78	0.002682	8.59	843.13	81.34	0.47
Reach-1	49670	100-yr	8721.00	967.22	983.25	977.76	984.49	0.002990	8.91	979.23	87.06	0.47
Reach-1	49670	10-50yrA	5330.00	967.22	978.75	975.36	979.89	0.002534	8.57	621.95	72.91	0.52
Reach-1	49670	10-50yrB	6285.00	967.22	980.18	976.09	981.34	0.002552	8.63	728.49	76.18	0.49
Reach-1	49620	Avg Annual	134.00	966.14	967.40	967.40	967.85	0.020315	5.37	24.96	28.30	1.01
Reach-1	49620	0.5-yr	1422.00	966.14	971.57	970.39	972.37	0.005103	7.15	198.77	50.41	0.63
Reach-1	49620	1-yr	1670.00	966.14	972.06	970.78	972.93	0.004990	7.46	224.00	52.36	0.64
Reach-1	49620	1.5-yr	1761.00	966.14	972.24	970.91	973.12	0.004953	7.56	233.05	53.04	0.64
Reach-1	49620	2-yr	2047.00	966.14	972.76	971.31	973.71	0.004824	7.83	261.36	55.12	0.63
Reach-1	49620	5-yr	3336.00	966.14	975.20	972.86	976.23	0.004502	8.17	408.53	65.41	0.58
Reach-1	49620	10-yr	4375.00	966.14	977.32	973.92	978.28	0.004264	7.87	555.73	73.62	0.50
Reach-1	49620	50-yr	7239.00	966.14	981.58	976.31	982.57	0.004142	8.00	904.41	90.07	0.45
Reach-1	49620	100-yr	8721.00	966.14	983.20	977.35	984.26	0.004257	8.26	1055.20	96.30	0.44
Reach-1	49620	10-50yrA	5330.00	966.14	978.67	974.80	979.69	0.004462	8.09	658.96	78.93	0.49
Reach-1	49620	10-50yrB	6285.00	966.14	980.12	975.59	981.13	0.004358	8.09	776.76	84.43	0.47
Reach-1	49570	Avg Annual	134.00	964.16	967.51	965.98	967.56	0.000787	1.83	73.09	35.83	0.23
Reach-1	49570	0.5-yr	1422.00	964.16	971.62	969.18	972.11	0.002368	5.59	254.18	51.79	0.45
Reach-1	49570	1-yr	1670.00	964.16	972.11	969.59	972.66	0.002483	5.97	279.93	53.54	0.46
Reach-1	49570	1.5-yr	1761.00	964.16	972.28	969.74	972.86	0.002520	6.09	289.13	54.15	0.46
Reach-1	49570	2-yr	2047.00	964.16	972.80	970.16	973.45	0.002609	6.44	317.76	56.00	0.48
Reach-1	49570	5-yr	3336.00	964.16	975.18	971.78	975.99	0.002889	7.24	460.92	64.37	0.48

Reach-1	49570	10-yr	4375.00	964.16	977.23	972.88	978.05	0.003272	7.27	602.00	73.52	0.45
Reach-1	49570	50-yr	7239.00	964.16	981.45	975.35	982.35	0.003571	7.61	950.74	90.82	0.41
Reach-1	49570	100-yr	8721.00	964.16	983.06	976.47	984.03	0.003728	7.92	1101.37	96.77	0.41
Reach-1	49570	10-50yrA	5330.00	964.16	978.56	973.78	979.45	0.003655	7.57	703.93	79.50	0.45
Reach-1	49570	10-50yrB	6285.00	964.16	979.99	974.59	980.90	0.003707	7.65	821.96	85.39	0.43
Reach-1	49520	Avg Annual	134.00	964.92	967.39	966.49	967.50	0.002267	2.60	51.57	33.34	0.37
Reach-1	49520	0.5-yr	1422.00	964.92	971.25	969.62	971.94	0.004030	6.65	213.82	50.48	0.57
Reach-1	49520	1-yr	1670.00	964.92	971.72	970.03	972.48	0.004133	7.01	238.25	52.91	0.58
Reach-1	49520	1.5-yr	1761.00	964.92	971.89	970.17	972.68	0.004156	7.12	247.16	53.76	0.59
Reach-1	49520	2-yr	2047.00	964.92	972.40	970.63	973.26	0.004160	7.43	275.57	56.27	0.59
Reach-1	49520	5-yr	3336.00	964.92	974.83	972.24	975.81	0.004055	7.92	421.32	63.99	0.54
Reach-1	49520	10-yr	4375.00	964.92	976.92	973.27	977.86	0.003955	7.78	562.45	71.16	0.49
Reach-1	49520	50-yr	7239.00	964.92	981.14	975.66	982.15	0.004061	8.09	895.07	86.33	0.44
Reach-1	49520	100-yr	8721.00	964.92	982.72	976.71	983.82	0.004304	8.41	1036.61	92.59	0.44
Reach-1	49520	10-50yrA	5330.00	964.92	978.22	974.12	979.24	0.004274	8.09	658.59	76.03	0.48
Reach-1	49520	10-50yrB	6285.00	964.92	979.66	974.92	980.69	0.004239	8.15	771.35	81.11	0.47
Reach-1	49470	Avg Annual	134.00	964.85	967.20	966.58	967.35	0.003850	3.07	43.66	32.75	0.47
Reach-1	49470	0.5-yr	1422.00	964.85	971.00	969.67	971.72	0.004445	6.79	209.31	51.81	0.60
Reach-1	49470	1-yr	1670.00	964.85	971.48	970.05	972.27	0.004406	7.13	234.33	53.44	0.60
Reach-1	49470	1.5-yr	1761.00	964.85	971.65	970.18	972.46	0.004389	7.24	243.34	54.01	0.60
Reach-1	49470	2-yr	2047.00	964.85	972.17	970.57	973.05	0.004298	7.53	271.92	55.79	0.60
Reach-1	49470	5-yr	3336.00	964.85	974.63	972.09	975.60	0.004130	7.93	420.69	65.66	0.55
Reach-1	49470	10-yr	4375.00	964.85	976.73	973.13	977.65	0.004015	7.69	568.73	74.06	0.49
Reach-1	49470	50-yr	7239.00	964.85	980.96	975.57	981.95	0.003735	7.98	906.59	85.70	0.43
Reach-1	49470	100-yr	8721.00	964.85	982.53	976.58	983.61	0.003886	8.35	1044.54	89.96	0.43
Reach-1	49470	10-50yrA	5330.00	964.85	978.03	974.02	979.02	0.004140	7.99	667.28	77.76	0.48
Reach-1	49470	10-50yrB	6285.00	964.85	979.47	974.82	980.48	0.003976	8.04	782.20	81.67	0.46
Reach-1	49420	Avg Annual	134.00	964.60	967.14	966.00	967.21	0.001487	2.19	61.12	37.29	0.30
Reach-1	49420	0.5-yr	1422.00	964.60	970.92	969.07	971.49	0.003150	6.04	235.28	53.46	0.51
Reach-1	49420	1-yr	1670.00	964.60	971.40	969.45	972.04	0.003197	6.39	261.18	54.94	0.52
Reach-1	49420	1.5-yr	1761.00	964.60	971.57	969.58	972.23	0.003210	6.51	270.47	55.46	0.52
Reach-1	49420	2-yr	2047.00	964.60	972.09	969.98	972.81	0.003347	6.83	299.68	57.32	0.53
Reach-1	49420	5-yr	3336.00	964.60	974.51	971.50	975.36	0.003957	7.41	450.46	67.63	0.51
Reach-1	49420	10-yr	4375.00	964.60	976.61	972.56	977.43	0.003837	7.27	601.80	76.30	0.46
Reach-1	49420	50-yr	7239.00	964.60	980.85	974.99	981.74	0.003516	7.57	955.86	89.14	0.41
Reach-1	49420	100-yr	8721.00	964.60	982.42	976.03	983.40	0.003439	7.95	1097.48	91.15	0.40
Reach-1	49420	10-50yrA	5330.00	964.60	977.90	973.42	978.79	0.004024	7.58	703.15	80.77	0.45
Reach-1	49420	10-50yrB	6285.00	964.60	979.35	974.22	980.25	0.003909	7.63	823.80	85.79	0.43
Reach-1	49370	Avg Annual	134.00	964.80	966.88	966.51	967.07	0.006313	3.47	38.58	34.92	0.58
Reach-1	49370	0.5-yr	1422.00	964.80	970.21	969.45	971.22	0.007081	8.05	176.64	47.96	0.74
Reach-1	49370	1-yr	1670.00	964.80	970.67	969.82	971.76	0.006960	8.40	198.79	49.87	0.74
Reach-1	49370	1.5-yr	1761.00	964.80	970.83	969.96	971.95	0.006893	8.51	207.02	50.56	0.74
Reach-1	49370	2-yr	2047.00	964.80	971.34	970.36	972.54	0.006612	8.77	233.53	52.73	0.73
Reach-1	49370	5-yr	3336.00	964.80	973.89	971.97	975.09	0.005991	8.77	380.48	62.13	0.62
Reach-1	49370	10-yr	4375.00	964.80	976.11	973.02	977.18	0.005253	8.31	526.67	70.06	0.53
Reach-1	49370	50-yr	7239.00	964.80	980.42	975.41	981.51	0.004769	8.41	861.16	84.64	0.46
Reach-1	49370	100-yr	8721.00	964.80	981.99	976.46	983.18	0.004911	8.73	998.45	89.87	0.46

Reach-1	49370	10-50yrA	5330.00	964.80	977.37	973.88	978.53	0.005529	8.62	618.45	74.71	0.53
Reach-1	49370	10-50yrB	6285.00	964.80	978.86	974.67	980.00	0.005230	8.57	733.20	79.69	0.50
Reach-1	49320	Avg Annual	134.00	964.93	966.10	966.10	966.52	0.020626	5.18	25.85	31.31	1.01
Reach-1	49320	0.5-yr	1422.00	964.93	969.49	969.12	970.78	0.009859	9.09	156.37	45.45	0.86
Reach-1	49320	1-yr	1670.00	964.93	970.05	969.51	971.35	0.008733	9.17	182.09	47.53	0.83
Reach-1	49320	1.5-yr	1761.00	964.93	970.24	969.65	971.55	0.008421	9.21	191.27	48.24	0.81
Reach-1	49320	2-yr	2047.00	964.93	970.82	970.06	972.16	0.007626	9.31	219.76	50.38	0.79
Reach-1	49320	5-yr	3336.00	964.93	973.50	971.65	974.77	0.006233	9.04	369.00	60.81	0.65
Reach-1	49320	10-yr	4375.00	964.93	975.81	972.75	976.91	0.005547	8.42	519.89	70.29	0.55
Reach-1	49320	50-yr	7239.00	964.93	980.18	975.23	981.27	0.004898	8.37	864.76	86.25	0.47
Reach-1	49320	100-yr	8721.00	964.93	981.75	976.28	982.92	0.004974	8.69	1004.12	91.23	0.46
Reach-1	49320	10-50yrA	5330.00	964.93	977.06	973.66	978.24	0.005902	8.72	611.11	75.50	0.54
Reach-1	49320	10-50yrB	6285.00	964.93	978.59	974.47	979.73	0.005503	8.60	731.03	81.17	0.50
Reach-1	49270	Avg Annual	134.00	963.33	965.32	964.73	965.50	0.004309	3.39	39.55	27.61	0.50
Reach-1	49270	0.5-yr	1422.00	963.33	969.41	968.17	970.30	0.005438	7.58	187.63	45.26	0.66
Reach-1	49270	1-yr	1670.00	963.33	969.95	968.61	970.91	0.005296	7.84	212.97	47.76	0.65
Reach-1	49270	1.5-yr	1761.00	963.33	970.15	968.76	971.12	0.005230	7.92	222.27	48.59	0.65
Reach-1	49270	2-yr	2047.00	963.33	970.73	969.21	971.76	0.005019	8.14	251.54	51.11	0.65
Reach-1	49270	5-yr	3336.00	963.33	973.37	970.92	974.44	0.004802	8.31	401.33	62.01	0.58
Reach-1	49270	10-yr	4375.00	963.33	975.65	972.06	976.62	0.004455	7.93	552.01	70.57	0.50
Reach-1	49270	50-yr	7239.00	963.33	980.01	974.53	981.02	0.004294	8.09	895.19	86.44	0.44
Reach-1	49270	100-yr	8721.00	963.33	981.57	975.60	982.67	0.004481	8.43	1034.29	91.90	0.44
Reach-1	49270	10-50yrA	5330.00	963.33	976.87	972.96	977.94	0.004870	8.31	641.25	75.32	0.50
Reach-1	49270	10-50yrB	6285.00	963.33	978.40	973.78	979.46	0.004670	8.26	760.49	80.81	0.47
Reach-1	49220	Avg Annual	134.00	962.98	965.18	964.36	965.31	0.002854	2.94	45.53	28.74	0.41
Reach-1	49220	0.5-yr	1422.00	962.98	969.27	967.79	970.01	0.004498	6.92	205.61	49.66	0.60
Reach-1	49220	1-yr	1670.00	962.98	969.83	968.24	970.62	0.004297	7.12	234.46	52.23	0.59
Reach-1	49220	1.5-yr	1761.00	962.98	970.03	968.38	970.83	0.004226	7.19	245.02	53.15	0.59
Reach-1	49220	2-yr	2047.00	962.98	970.64	968.81	971.48	0.004012	7.36	278.20	55.92	0.58
Reach-1	49220	5-yr	3336.00	962.98	973.31	970.44	974.19	0.003275	7.54	442.55	66.23	0.51
Reach-1	49220	10-yr	4375.00	962.98	975.58	971.52	976.40	0.002795	7.28	600.64	74.01	0.45
Reach-1	49220	50-yr	7239.00	962.98	979.96	973.85	980.81	0.002539	7.39	979.05	97.43	0.41
Reach-1	49220	100-yr	8721.00	962.98	981.53	974.87	982.45	0.002548	7.67	1137.16	103.54	0.41
Reach-1	49220	10-50yrA	5330.00	962.98	976.79	972.38	977.70	0.003075	7.68	693.75	81.26	0.46
Reach-1	49220	10-50yrB	6285.00	962.98	978.33	973.14	979.23	0.002880	7.61	825.47	89.86	0.44
Reach-1	49170	Avg Annual	134.00	962.83	965.01	964.41	965.15	0.003678	2.99	44.80	33.71	0.46
Reach-1	49170	0.5-yr	1422.00	962.83	969.14	967.43	969.78	0.003545	6.38	222.92	50.67	0.54
Reach-1	49170	1-yr	1670.00	962.83	969.72	967.81	970.40	0.003417	6.61	252.52	52.71	0.53
Reach-1	49170	1.5-yr	1761.00	962.83	969.92	967.95	970.61	0.003373	6.69	263.26	53.43	0.53
Reach-1	49170	2-yr	2047.00	962.83	970.53	968.35	971.27	0.003243	6.90	296.65	55.61	0.53
Reach-1	49170	5-yr	3336.00	962.83	973.19	969.94	974.01	0.003216	7.29	457.37	66.05	0.49
Reach-1	49170	10-yr	4375.00	962.83	975.46	971.01	976.24	0.003214	7.07	618.50	75.42	0.44
Reach-1	49170	50-yr	7239.00	962.83	979.82	973.50	980.66	0.003323	7.35	984.43	92.49	0.40
Reach-1	49170	100-yr	8721.00	962.83	981.38	974.58	982.30	0.003563	7.69	1133.36	99.09	0.40
Reach-1	49170	10-50yrA	5330.00	962.83	976.65	971.90	977.52	0.003598	7.49	711.14	80.08	0.44
Reach-1	49170	10-50yrB	6285.00	962.83	978.19	972.74	979.06	0.003537	7.49	838.68	86.03	0.42

Reach-1	49120	Avg Annual	134.00	962.87	964.91	964.00	965.00	0.002016	2.49	53.88	33.96	0.35
Reach-1	49120	0.5-yr	1422.00	962.87	968.98	967.13	969.60	0.003455	6.32	224.95	50.86	0.53
Reach-1	49120	1-yr	1670.00	962.87	969.56	967.54	970.22	0.003345	6.54	255.24	53.37	0.53
Reach-1	49120	1.5-yr	1761.00	962.87	969.76	967.68	970.44	0.003306	6.61	266.24	54.25	0.53
Reach-1	49120	2-yr	2047.00	962.87	970.38	968.12	971.10	0.003179	6.80	300.87	56.94	0.52
Reach-1	49120	5-yr	3336.00	962.87	973.06	969.75	973.85	0.002903	7.13	467.77	67.42	0.48
Reach-1	49120	10-yr	4375.00	962.87	975.33	970.83	976.07	0.003001	6.92	632.04	77.47	0.43
Reach-1	49120	50-yr	7239.00	962.87	979.69	973.23	980.48	0.003251	7.14	1014.02	97.99	0.39
Reach-1	49120	100-yr	8721.00	962.87	981.24	974.28	982.10	0.003567	7.44	1172.47	107.04	0.40
Reach-1	49120	10-50yrA	5330.00	962.87	976.50	971.71	977.34	0.003440	7.34	726.07	82.86	0.44
Reach-1	49120	10-50yrB	6285.00	962.87	978.04	972.50	978.87	0.003425	7.31	859.20	89.93	0.42
Reach-1	49070	Avg Annual	134.00	963.00	964.74	964.03	964.87	0.003300	2.88	46.49	32.77	0.43
Reach-1	49070	0.5-yr	1422.00	963.00	968.84	967.23	969.38	0.004148	5.91	240.61	64.63	0.54
Reach-1	49070	1-yr	1670.00	963.00	969.47	967.62	970.01	0.003549	5.93	281.78	66.79	0.51
Reach-1	49070	1.5-yr	1761.00	963.00	969.69	967.74	970.23	0.003390	5.94	296.39	67.54	0.50
Reach-1	49070	2-yr	2047.00	963.00	970.34	968.12	970.90	0.003001	5.99	341.48	69.80	0.48
Reach-1	49070	5-yr	3336.00	963.00	973.08	969.51	973.66	0.002251	6.09	547.44	80.46	0.41
Reach-1	49070	10-yr	4375.00	963.00	975.35	970.41	975.90	0.001838	5.91	739.69	88.86	0.36
Reach-1	49070	50-yr	7239.00	963.00	979.72	972.52	980.31	0.001673	6.13	1180.58	112.73	0.33
Reach-1	49070	100-yr	8721.00	963.00	981.28	973.45	981.91	0.001687	6.41	1360.12	118.25	0.33
Reach-1	49070	10-50yrA	5330.00	963.00	976.53	971.17	977.14	0.001993	6.28	848.72	95.71	0.37
Reach-1	49070	10-50yrB	6285.00	963.00	978.07	971.88	978.68	0.001851	6.27	1001.71	102.77	0.35
Reach-1	49020	Avg Annual	134.00	961.76	964.77	962.96	964.80	0.000387	1.37	97.52	41.48	0.16
Reach-1	49020	0.5-yr	1422.00	961.76	968.83	965.76	969.20	0.001859	4.90	290.33	56.67	0.38
Reach-1	49020	1-yr	1670.00	961.76	969.44	966.16	969.84	0.002027	5.11	326.95	63.59	0.40
Reach-1	49020	1.5-yr	1761.00	961.76	969.65	966.28	970.07	0.002044	5.17	340.87	65.49	0.40
Reach-1	49020	2-yr	2047.00	961.76	970.31	966.70	970.75	0.001947	5.32	384.63	67.87	0.39
Reach-1	49020	5-yr	3336.00	961.76	973.02	968.27	973.53	0.001981	5.73	582.36	77.94	0.37
Reach-1	49020	10-yr	4375.00	961.76	975.29	969.60	975.79	0.001925	5.69	768.75	86.54	0.34
Reach-1	49020	50-yr	7239.00	961.76	979.63	971.82	980.20	0.002608	6.02	1201.80	118.40	0.33
Reach-1	49020	100-yr	8721.00	961.76	981.19	972.81	981.80	0.002744	6.25	1394.46	128.38	0.33
Reach-1	49020	10-50yrA	5330.00	961.76	976.45	970.41	977.03	0.002195	6.11	871.75	91.14	0.35
Reach-1	49020	10-50yrB	6285.00	961.76	977.98	971.15	978.57	0.002457	6.18	1017.41	102.27	0.35
Reach-1	48970	Avg Annual	134.00	961.91	964.75	963.12	964.78	0.000446	1.41	95.37	45.56	0.17
Reach-1	48970	0.5-yr	1422.00	961.91	968.77	965.81	969.10	0.001647	4.63	307.45	61.60	0.36
Reach-1	48970	1-yr	1670.00	961.91	969.37	966.17	969.74	0.001664	4.83	345.87	65.03	0.37
Reach-1	48970	1.5-yr	1761.00	961.91	969.59	966.30	969.96	0.001665	4.89	359.94	66.24	0.37
Reach-1	48970	2-yr	2047.00	961.91	970.25	966.68	970.64	0.001641	5.06	404.79	69.66	0.37
Reach-1	48970	5-yr	3336.00	961.91	972.96	968.17	973.43	0.001683	5.49	607.16	79.71	0.35
Reach-1	48970	10-yr	4375.00	961.91	975.22	969.23	975.69	0.001662	5.49	797.08	88.04	0.32
Reach-1	48970	50-yr	7239.00	961.91	979.53	971.48	980.06	0.002446	5.85	1237.12	122.59	0.32
Reach-1	48970	100-yr	8721.00	961.91	981.09	972.45	981.66	0.002535	6.05	1446.98	145.69	0.32
Reach-1	48970	10-50yrA	5330.00	961.91	976.37	970.08	976.92	0.001911	5.92	900.64	92.39	0.33
Reach-1	48970	10-50yrB	6285.00	961.91	977.89	970.80	978.44	0.002316	5.98	1050.67	106.82	0.34
Reach-1	48920	Avg Annual	134.00	961.36	964.75	962.42	964.76	0.000184	1.04	128.31	48.39	0.11
Reach-1	48920	0.5-yr	1422.00	961.36	968.76	965.11	969.01	0.001075	4.01	354.74	64.21	0.30
Reach-1	48920	1-yr	1670.00	961.36	969.37	965.47	969.64	0.001098	4.23	394.37	66.53	0.31



Reach-1	48920	1.5-yr	1761.00	961.36	969.58	965.60	969.87	0.001104	4.31	408.70	67.35	0.31
Reach-1	48920	2-yr	2047.00	961.36	970.24	965.97	970.55	0.001111	4.51	453.78	69.78	0.31
Reach-1	48920	5-yr	3336.00	961.36	972.93	967.42	973.33	0.001275	5.08	657.01	80.87	0.31
Reach-1	48920	10-yr	4375.00	961.36	975.19	968.44	975.60	0.001374	5.15	849.85	90.39	0.30
Reach-1	48920	50-yr	7239.00	961.36	979.47	970.72	979.95	0.001633	5.52	1312.36	125.34	0.30
Reach-1	48920	100-yr	8721.00	961.36	981.03	971.76	981.54	0.001676	5.72	1525.87	149.08	0.31
Reach-1	48920	10-50yrA	5330.00	961.36	976.32	969.24	976.80	0.001811	5.58	955.98	99.43	0.32
Reach-1	48920	10-50yrB	6285.00	961.36	977.83	970.02	978.32	0.001860	5.63	1117.03	112.65	0.31
Reach-1	48870	Avg Annual	134.00	960.97	964.74	962.39	964.75	0.000196	1.00	133.80	57.43	0.12
Reach-1	48870	0.5-yr	1422.00	960.97	968.75	965.10	968.94	0.000844	3.50	406.12	76.92	0.27
Reach-1	48870	1-yr	1670.00	960.97	969.37	965.42	969.58	0.000841	3.68	453.94	79.27	0.27
Reach-1	48870	1.5-yr	1761.00	960.97	969.58	965.53	969.80	0.000839	3.74	471.17	80.10	0.27
Reach-1	48870	2-yr	2047.00	960.97	970.24	965.85	970.48	0.000862	3.90	525.08	82.62	0.27
Reach-1	48870	5-yr	3336.00	960.97	972.95	967.17	973.24	0.001142	4.35	766.19	96.86	0.27
Reach-1	48870	10-yr	4375.00	960.97	975.20	968.05	975.50	0.001188	4.38	999.54	110.04	0.26
Reach-1	48870	50-yr	7239.00	960.97	979.49	970.06	979.82	0.001626	4.63	1565.15	155.03	0.26
Reach-1	48870	100-yr	8721.00	960.97	981.05	970.97	981.41	0.001695	4.80	1817.17	168.13	0.26
Reach-1	48870	10-50yrA	5330.00	960.97	976.34	968.77	976.68	0.001439	4.72	1128.30	118.78	0.27
Reach-1	48870	10-50yrB	6285.00	960.97	977.84	969.44	978.19	0.001694	4.76	1321.50	138.66	0.27
Reach-1	48820	Avg Annual	134.00	962.83	964.65	963.94	964.72	0.002280	2.20	60.97	51.08	0.35
Reach-1	48820	0.5-yr	1422.00	962.83	968.63	966.20	968.88	0.001460	4.00	355.12	83.97	0.34
Reach-1	48820	1-yr	1670.00	962.83	969.26	966.47	969.52	0.001356	4.09	408.75	88.27	0.33
Reach-1	48820	1.5-yr	1761.00	962.83	969.48	966.57	969.74	0.001335	4.11	428.45	90.42	0.33
Reach-1	48820	2-yr	2047.00	962.83	970.16	966.86	970.43	0.001252	4.16	491.85	96.55	0.32
Reach-1	48820	5-yr	3336.00	962.83	972.90	967.99	973.19	0.000887	4.29	777.89	111.14	0.29
Reach-1	48820	10-yr	4375.00	962.83	975.18	968.79	975.45	0.000670	4.19	1044.91	124.39	0.25
Reach-1	48820	50-yr	7239.00	962.83	979.46	970.70	979.76	0.000703	4.45	1627.09	146.69	0.24
Reach-1	48820	100-yr	8721.00	962.83	981.01	971.48	981.35	0.000786	4.69	1860.64	155.13	0.24
Reach-1	48820	10-50yrA	5330.00	962.83	976.31	969.49	976.62	0.000703	4.48	1190.13	131.26	0.26
Reach-1	48820	10-50yrB	6285.00	962.83	977.81	970.14	978.12	0.000722	4.51	1392.19	138.63	0.25
Reach-1	48770	Avg Annual	134.00	963.01	964.13	964.13	964.43	0.023984	4.40	30.43	52.54	1.02
Reach-1	48770	0.5-yr	1422.00	963.01	968.44	966.34	968.79	0.002100	4.73	300.67	71.83	0.41
Reach-1	48770	1-yr	1670.00	963.01	969.07	966.63	969.43	0.001900	4.82	346.68	74.37	0.39
Reach-1	48770	1.5-yr	1761.00	963.01	969.29	966.74	969.65	0.001842	4.85	363.18	75.26	0.39
Reach-1	48770	2-yr	2047.00	963.01	969.96	967.05	970.34	0.001684	4.93	414.96	77.99	0.38
Reach-1	48770	5-yr	3336.00	963.01	972.70	968.30	973.12	0.001599	5.18	644.26	89.52	0.34
Reach-1	48770	10-yr	4375.00	963.01	974.98	969.17	975.39	0.001464	5.10	858.48	98.08	0.30
Reach-1	48770	50-yr	7239.00	963.01	979.22	971.19	979.70	0.001568	5.53	1309.39	114.92	0.29
Reach-1	48770	100-yr	8721.00	963.01	980.74	972.09	981.27	0.001738	5.86	1488.67	122.38	0.30
Reach-1	48770	10-50yrA	5330.00	963.01	976.09	969.89	976.56	0.001664	5.50	968.75	102.35	0.32
Reach-1	48770	10-50yrB	6285.00	963.01	977.57	970.56	978.06	0.001661	5.59	1125.22	108.29	0.31
Reach-1	48720	Avg Annual	134.00	961.52	963.63	962.43	963.69	0.001189	2.02	66.41	36.66	0.26
Reach-1	48720	0.5-yr	1422.00	961.52	968.32	965.43	968.68	0.001930	4.84	294.01	58.67	0.38
Reach-1	48720	1-yr	1670.00	961.52	968.93	965.83	969.33	0.001920	5.05	330.78	61.33	0.38
Reach-1	48720	1.5-yr	1761.00	961.52	969.15	965.96	969.56	0.001916	5.12	344.09	62.32	0.38
Reach-1	48720	2-yr	2047.00	961.52	969.81	966.36	970.25	0.001880	5.30	386.33	65.14	0.38
Reach-1	48720	5-yr	3336.00	961.52	972.50	967.90	973.02	0.002009	5.79	576.05	75.95	0.37

Reach-1	48720	10-yr	4375.00	961.52	974.78	968.94	975.29	0.001983	5.76	759.17	84.71	0.34
Reach-1	48720	50-yr	7239.00	961.52	979.00	971.29	979.58	0.002631	6.12	1186.52	123.24	0.34
Reach-1	48720	100-yr	8721.00	961.52	980.52	972.31	981.16	0.002534	6.40	1382.26	134.37	0.33
Reach-1	48720	10-50yrA	5330.00	961.52	975.83	969.80	976.44	0.002317	6.26	850.96	88.81	0.36
Reach-1	48720	10-50yrB	6285.00	961.52	977.31	970.58	977.93	0.002892	6.33	993.39	104.78	0.36
Reach-1	48670	Avg Annual	134.00	961.10	963.59	962.10	963.64	0.000783	1.81	73.91	35.65	0.22
Reach-1	48670	0.5-yr	1422.00	961.10	968.19	965.23	968.58	0.001979	5.05	281.64	54.28	0.39
Reach-1	48670	1-yr	1670.00	961.10	968.79	965.66	969.23	0.001996	5.30	315.09	56.43	0.40
Reach-1	48670	1.5-yr	1761.00	961.10	969.00	965.80	969.45	0.001999	5.38	327.15	57.19	0.40
Reach-1	48670	2-yr	2047.00	961.10	969.66	966.24	970.15	0.001985	5.60	365.35	59.42	0.40
Reach-1	48670	5-yr	3336.00	961.10	972.30	967.85	972.90	0.002553	6.21	536.84	70.40	0.40
Reach-1	48670	10-yr	4375.00	961.10	974.58	968.94	975.17	0.002514	6.19	707.13	79.05	0.36
Reach-1	48670	50-yr	7239.00	961.10	978.72	971.44	979.42	0.003888	6.67	1085.40	114.64	0.38
Reach-1	48670	100-yr	8721.00	961.10	980.26	972.50	980.99	0.003738	6.86	1274.80	129.90	0.37
Reach-1	48670	10-50yrA	5330.00	961.10	975.60	969.82	976.30	0.002978	6.75	789.68	83.24	0.39
Reach-1	48670	10-50yrB	6285.00	961.10	977.04	970.68	977.77	0.003031	6.87	914.24	89.05	0.38
Reach-1	48620	Avg Annual	134.00	960.30	963.56	961.64	963.60	0.000497	1.59	84.53	35.56	0.18
Reach-1	48620	0.5-yr	1422.00	960.30	968.11	964.92	968.49	0.001745	4.94	287.80	53.56	0.38
Reach-1	48620	1-yr	1670.00	960.30	968.71	965.33	969.13	0.001782	5.21	320.71	55.78	0.38
Reach-1	48620	1.5-yr	1761.00	960.30	968.92	965.48	969.35	0.001790	5.29	332.60	56.51	0.38
Reach-1	48620	2-yr	2047.00	960.30	969.57	965.91	970.05	0.001794	5.53	370.28	58.76	0.39
Reach-1	48620	5-yr	3336.00	960.30	972.19	967.58	972.78	0.001992	6.19	539.22	69.90	0.39
Reach-1	48620	10-yr	4375.00	960.30	974.47	968.69	975.06	0.001859	6.17	709.44	79.21	0.36
Reach-1	48620	50-yr	7239.00	960.30	978.57	971.25	979.24	0.003131	6.56	1102.82	120.30	0.38
Reach-1	48620	100-yr	8721.00	960.30	980.12	972.30	980.82	0.002834	6.74	1310.80	145.43	0.36
Reach-1	48620	10-50yrA	5330.00	960.30	975.47	969.60	976.17	0.002198	6.73	791.40	85.27	0.39
Reach-1	48620	10-50yrB	6285.00	960.30	976.91	970.48	977.63	0.002644	6.82	921.78	98.48	0.39
Reach-1	48570	Avg Annual	134.00	960.42	963.52	961.94	963.57	0.000761	1.82	73.61	34.70	0.22
Reach-1	48570	0.5-yr	1422.00	960.42	967.95	965.19	968.38	0.002272	5.26	270.38	54.53	0.42
Reach-1	48570	1-yr	1670.00	960.42	968.56	965.61	969.02	0.002268	5.49	304.07	57.02	0.42
Reach-1	48570	1.5-yr	1761.00	960.42	968.77	965.75	969.25	0.002264	5.57	316.31	57.92	0.42
Reach-1	48570	2-yr	2047.00	960.42	969.43	966.19	969.94	0.002225	5.76	355.52	60.73	0.42
Reach-1	48570	5-yr	3336.00	960.42	972.06	967.84	972.67	0.002296	6.30	529.93	71.89	0.41
Reach-1	48570	10-yr	4375.00	960.42	974.36	968.93	974.96	0.002321	6.19	707.17	82.06	0.37
Reach-1	48570	50-yr	7239.00	960.42	978.42	971.37	979.07	0.003439	6.48	1126.22	134.19	0.37
Reach-1	48570	100-yr	8721.00	960.42	980.00	972.43	980.67	0.003064	6.60	1356.44	156.58	0.36
Reach-1	48570	10-50yrA	5330.00	960.42	975.34	969.83	976.05	0.002786	6.75	789.51	86.43	0.39
Reach-1	48570	10-50yrB	6285.00	960.42	976.74	970.64	977.47	0.004074	6.83	920.68	108.89	0.41
Reach-1	48520	Avg Annual	134.00	961.00	963.46	962.33	963.52	0.001327	2.06	65.13	39.59	0.28
Reach-1	48520	0.5-yr	1422.00	961.00	967.82	965.24	968.27	0.002320	5.35	265.59	53.24	0.42
Reach-1	48520	1-yr	1670.00	961.00	968.42	965.62	968.91	0.002326	5.60	298.27	55.63	0.43
Reach-1	48520	1.5-yr	1761.00	961.00	968.63	965.75	969.13	0.002323	5.68	310.17	56.48	0.43
Reach-1	48520	2-yr	2047.00	961.00	969.29	966.15	969.83	0.002285	5.88	348.35	59.11	0.43
Reach-1	48520	5-yr	3336.00	961.00	971.91	967.78	972.55	0.002534	6.45	516.90	69.85	0.42
Reach-1	48520	10-yr	4375.00	961.00	974.21	968.88	974.84	0.002523	6.36	688.24	78.94	0.38
Reach-1	48520	50-yr	7239.00	961.00	978.16	971.35	978.91	0.002475	7.01	1089.34	131.98	0.36
Reach-1	48520	100-yr	8721.00	961.00	979.73	972.42	980.52	0.002433	7.26	1308.84	147.93	0.36

Reach-1	48520	10-50yrA	5330.00	961.00	975.14	969.77	975.90	0.002984	6.98	763.85	83.27	0.40
Reach-1	48520	10-50yrB	6285.00	961.00	976.49	970.61	977.29	0.002860	7.16	887.23	105.12	0.39
Reach-1	48470	Avg Annual	134.00	961.13	963.38	962.26	963.45	0.001451	2.19	61.21	35.79	0.29
Reach-1	48470	0.5-yr	1422.00	961.13	967.70	965.34	968.14	0.002507	5.37	264.89	56.74	0.44
Reach-1	48470	1-yr	1670.00	961.13	968.31	965.71	968.79	0.002436	5.56	300.18	59.23	0.44
Reach-1	48470	1.5-yr	1761.00	961.13	968.52	965.85	969.01	0.002410	5.63	313.04	60.12	0.43
Reach-1	48470	2-yr	2047.00	961.13	969.19	966.24	969.71	0.002312	5.78	354.26	62.92	0.43
Reach-1	48470	5-yr	3336.00	961.13	971.80	967.79	972.41	0.002761	6.25	533.88	75.62	0.41
Reach-1	48470	10-yr	4375.00	961.13	974.12	968.83	974.69	0.002619	6.07	720.96	85.29	0.37
Reach-1	48470	50-yr	7239.00	961.13	978.08	971.21	978.77	0.002504	6.68	1103.96	108.07	0.35
Reach-1	48470	100-yr	8721.00	961.13	979.62	972.25	980.39	0.002563	7.06	1276.61	120.55	0.35
Reach-1	48470	10-50yrA	5330.00	961.13	975.04	969.68	975.73	0.003064	6.65	801.21	88.70	0.39
Reach-1	48470	10-50yrB	6285.00	961.13	976.41	970.46	977.12	0.002888	6.80	929.37	99.29	0.38
Reach-1	48420	Avg Annual	134.00	961.44	963.29	962.41	963.37	0.001790	2.25	59.48	38.96	0.32
Reach-1	48420	0.5-yr	1422.00	961.44	967.56	965.22	968.02	0.002610	5.44	261.43	55.97	0.44
Reach-1	48420	1-yr	1670.00	961.44	968.17	965.60	968.66	0.002540	5.63	296.54	58.67	0.44
Reach-1	48420	1.5-yr	1761.00	961.44	968.39	965.74	968.89	0.002507	5.69	309.38	59.51	0.44
Reach-1	48420	2-yr	2047.00	961.44	969.06	966.13	969.59	0.002390	5.84	350.49	62.15	0.43
Reach-1	48420	5-yr	3336.00	961.44	971.65	967.68	972.28	0.002403	6.35	525.00	73.17	0.42
Reach-1	48420	10-yr	4375.00	961.44	973.98	968.72	974.57	0.002140	6.19	707.15	83.46	0.37
Reach-1	48420	50-yr	7239.00	961.44	977.97	971.11	978.65	0.001985	6.69	1156.55	133.71	0.35
Reach-1	48420	100-yr	8721.00	961.44	979.54	972.14	980.25	0.002005	6.91	1377.13	147.08	0.34
Reach-1	48420	10-50yrA	5330.00	961.44	974.87	969.57	975.59	0.002333	6.81	788.32	97.83	0.39
Reach-1	48420	10-50yrB	6285.00	961.44	976.25	970.38	976.99	0.002274	6.93	938.97	119.06	0.38
Reach-1	48370	Avg Annual	134.00	961.05	963.23	962.14	963.29	0.001197	1.95	68.55	40.75	0.27
Reach-1	48370	0.5-yr	1422.00	961.05	967.47	964.93	967.88	0.002271	5.14	276.85	58.23	0.42
Reach-1	48370	1-yr	1670.00	961.05	968.09	965.31	968.53	0.002214	5.33	313.60	60.92	0.41
Reach-1	48370	1.5-yr	1761.00	961.05	968.31	965.44	968.76	0.002189	5.38	327.06	61.83	0.41
Reach-1	48370	2-yr	2047.00	961.05	968.99	965.83	969.46	0.002096	5.53	370.23	64.69	0.41
Reach-1	48370	5-yr	3336.00	961.05	971.57	967.37	972.14	0.002445	6.05	551.71	76.29	0.40
Reach-1	48370	10-yr	4375.00	961.05	973.90	968.40	974.44	0.002487	5.88	743.42	88.06	0.36
Reach-1	48370	50-yr	7239.00	961.05	977.91	970.74	978.53	0.002169	6.39	1200.59	136.63	0.33
Reach-1	48370	100-yr	8721.00	961.05	979.48	971.75	980.13	0.002126	6.62	1426.74	151.45	0.32
Reach-1	48370	10-50yrA	5330.00	961.05	974.79	969.25	975.44	0.002800	6.47	826.86	99.66	0.38
Reach-1	48370	10-50yrB	6285.00	961.05	976.18	970.02	976.85	0.002599	6.59	978.30	118.98	0.36
Reach-1	48320	Avg Annual	134.00	960.41	963.23	961.25	963.25	0.000287	1.21	110.86	45.82	0.14
Reach-1	48320	0.5-yr	1422.00	960.41	967.49	963.94	967.76	0.001250	4.17	341.29	62.38	0.31
Reach-1	48320	1-yr	1670.00	960.41	968.10	964.32	968.40	0.001266	4.39	380.54	64.54	0.32
Reach-1	48320	1.5-yr	1761.00	960.41	968.32	964.44	968.63	0.001267	4.46	394.78	65.22	0.32
Reach-1	48320	2-yr	2047.00	960.41	969.01	964.84	969.34	0.001265	4.65	440.08	67.77	0.32
Reach-1	48320	5-yr	3336.00	960.41	971.56	966.33	972.00	0.001562	5.32	627.08	77.99	0.33
Reach-1	48320	10-yr	4375.00	960.41	973.87	967.34	974.32	0.001409	5.37	823.66	94.57	0.30
Reach-1	48320	50-yr	7239.00	960.41	977.86	969.67	978.43	0.001462	6.13	1275.73	131.35	0.30
Reach-1	48320	100-yr	8721.00	960.41	979.42	970.67	980.04	0.001519	6.46	1487.91	141.46	0.30
Reach-1	48320	10-50yrA	5330.00	960.41	974.76	968.17	975.31	0.001652	5.99	910.65	102.51	0.32
Reach-1	48320	10-50yrB	6285.00	960.41	976.13	968.94	976.72	0.001635	6.20	1061.02	116.07	0.32

Reach-1	48270	Avg Annual	134.00	960.52	963.20	961.55	963.23	0.000534	1.52	88.02	41.21	0.18
Reach-1	48270	0.5-yr	1422.00	960.52	967.31	964.45	967.67	0.001833	4.82	294.97	57.61	0.38
Reach-1	48270	1-yr	1670.00	960.52	967.92	964.83	968.32	0.001825	5.05	330.86	59.71	0.38
Reach-1	48270	1.5-yr	1761.00	960.52	968.14	964.96	968.55	0.001818	5.12	343.96	60.46	0.38
Reach-1	48270	2-yr	2047.00	960.52	968.82	965.35	969.26	0.001778	5.31	385.85	62.79	0.38
Reach-1	48270	5-yr	3336.00	960.52	971.34	966.82	971.90	0.002282	6.01	555.07	72.18	0.38
Reach-1	48270	10-yr	4375.00	960.52	973.68	967.86	974.21	0.002864	5.86	746.54	91.14	0.36
Reach-1	48270	50-yr	7239.00	960.52	977.73	970.26	978.32	0.003245	6.18	1170.47	119.39	0.35
Reach-1	48270	100-yr	8721.00	960.52	979.30	971.30	979.93	0.003116	6.39	1365.56	129.36	0.35
Reach-1	48270	10-50yrA	5330.00	960.52	974.54	968.74	975.18	0.003562	6.44	827.78	97.48	0.39
Reach-1	48270	10-50yrB	6285.00	960.52	975.95	969.52	976.60	0.003543	6.47	971.52	105.91	0.38
Reach-1	48220	Avg Annual	134.00	960.32	963.17	961.59	963.21	0.000581	1.50	89.55	45.47	0.19
Reach-1	48220	0.5-yr	1422.00	960.32	967.23	964.34	967.58	0.001765	4.73	300.61	58.54	0.37
Reach-1	48220	1-yr	1670.00	960.32	967.84	964.71	968.22	0.001759	4.95	337.16	60.74	0.37
Reach-1	48220	1.5-yr	1761.00	960.32	968.06	964.83	968.45	0.001754	5.02	350.52	61.55	0.37
Reach-1	48220	2-yr	2047.00	960.32	968.74	965.21	969.16	0.001717	5.20	393.42	64.09	0.37
Reach-1	48220	5-yr	3336.00	960.32	971.24	966.69	971.78	0.002016	5.91	564.65	72.91	0.37
Reach-1	48220	10-yr	4375.00	960.32	973.55	967.71	974.09	0.002285	5.85	747.85	87.04	0.35
Reach-1	48220	50-yr	7239.00	960.32	977.55	970.07	978.17	0.002593	6.35	1140.19	109.09	0.35
Reach-1	48220	100-yr	8721.00	960.32	979.10	971.10	979.78	0.002627	6.64	1313.60	114.65	0.35
Reach-1	48220	10-50yrA	5330.00	960.32	974.37	968.57	975.03	0.002822	6.49	820.98	91.39	0.38
Reach-1	48220	10-50yrB	6285.00	960.32	975.76	969.35	976.44	0.002896	6.60	951.78	99.13	0.38
Reach-1	48170	Avg Annual	134.00	960.73	963.11	962.00	963.17	0.001061	1.84	72.73	44.52	0.25
Reach-1	48170	0.5-yr	1422.00	960.73	967.07	964.65	967.47	0.002162	5.07	280.20	59.58	0.41
Reach-1	48170	1-yr	1670.00	960.73	967.70	965.00	968.12	0.002083	5.25	317.88	61.89	0.41
Reach-1	48170	1.5-yr	1761.00	960.73	967.92	965.12	968.36	0.002052	5.31	331.75	62.72	0.41
Reach-1	48170	2-yr	2047.00	960.73	968.61	965.51	969.07	0.001949	5.44	376.15	65.40	0.40
Reach-1	48170	5-yr	3336.00	960.73	971.11	966.96	971.68	0.002024	6.04	551.96	74.91	0.39
Reach-1	48170	10-yr	4375.00	960.73	973.43	967.93	973.98	0.001775	5.95	735.44	83.12	0.35
Reach-1	48170	50-yr	7239.00	960.73	977.37	970.24	978.05	0.001988	6.61	1094.65	99.33	0.35
Reach-1	48170	100-yr	8721.00	960.73	978.90	971.24	979.66	0.002119	6.97	1251.16	105.67	0.36
Reach-1	48170	10-50yrA	5330.00	960.73	974.21	968.78	974.90	0.002174	6.65	801.20	86.20	0.38
Reach-1	48170	10-50yrB	6285.00	960.73	975.59	969.54	976.31	0.002200	6.80	924.17	91.93	0.38
Reach-1	48120	Avg Annual	134.00	961.93	962.68	962.68	963.00	0.023169	4.53	29.56	47.69	1.01
Reach-1	48120	0.5-yr	1422.00	961.93	966.91	965.02	967.35	0.002823	5.33	266.54	64.43	0.46
Reach-1	48120	1-yr	1670.00	961.93	967.55	965.35	968.00	0.002667	5.40	309.05	69.56	0.45
Reach-1	48120	1.5-yr	1761.00	961.93	967.78	965.46	968.23	0.002865	5.40	325.84	76.83	0.46
Reach-1	48120	2-yr	2047.00	961.93	968.52	965.80	968.96	0.002409	5.33	384.13	80.62	0.43
Reach-1	48120	5-yr	3336.00	961.93	971.08	967.14	971.56	0.001769	5.52	603.90	90.53	0.38
Reach-1	48120	10-yr	4375.00	961.93	973.44	968.22	973.88	0.001260	5.30	825.67	97.41	0.32
Reach-1	48120	50-yr	7239.00	961.93	977.40	970.12	977.94	0.001120	5.87	1233.38	108.95	0.31
Reach-1	48120	100-yr	8721.00	961.93	978.94	970.98	979.53	0.001105	6.21	1418.01	136.50	0.31
Reach-1	48120	10-50yrA	5330.00	961.93	974.23	968.90	974.77	0.001455	5.90	903.12	99.56	0.35
Reach-1	48120	10-50yrB	6285.00	961.93	975.62	969.53	976.18	0.001351	6.02	1044.19	103.36	0.33
Reach-1	48070	Avg Annual	134.00	960.94	962.29	961.90	962.40	0.004565	2.67	50.24	52.25	0.48
Reach-1	48070	0.5-yr	1422.00	960.94	966.91	964.16	967.20	0.001626	4.30	330.80	72.06	0.35
Reach-1	48070	1-yr	1670.00	960.94	967.56	964.47	967.86	0.001595	4.40	379.35	77.99	0.35

Reach-1	48070	1.5-yr	1761.00	960.94	967.78	964.59	968.08	0.001583	4.44	396.91	80.02	0.35
Reach-1	48070	2-yr	2047.00	960.94	968.52	964.92	968.83	0.001454	4.47	458.21	85.11	0.34
Reach-1	48070	5-yr	3336.00	960.94	971.09	966.23	971.45	0.001201	4.87	685.62	92.11	0.31
Reach-1	48070	10-yr	4375.00	960.94	973.44	967.23	973.80	0.000941	4.81	910.37	98.89	0.28
Reach-1	48070	50-yr	7239.00	960.94	977.41	969.23	977.87	0.000881	5.45	1338.90	127.68	0.28
Reach-1	48070	100-yr	8721.00	960.94	978.95	970.08	979.46	0.000844	5.78	1560.80	159.29	0.27
Reach-1	48070	10-50yrA	5330.00	960.94	974.23	968.02	974.68	0.001113	5.39	988.98	101.15	0.30
Reach-1	48070	10-50yrB	6285.00	960.94	975.62	968.66	976.09	0.001074	5.55	1133.36	107.50	0.30
Reach-1	48020	Avg Annual	134.00	960.05	962.26	961.05	962.30	0.000752	1.61	83.11	46.74	0.21
Reach-1	48020	0.5-yr	1422.00	960.05	966.83	963.57	967.12	0.001418	4.27	332.71	64.88	0.33
Reach-1	48020	1-yr	1670.00	960.05	967.47	963.93	967.78	0.001431	4.45	375.40	69.02	0.34
Reach-1	48020	1.5-yr	1761.00	960.05	967.69	964.04	968.01	0.001445	4.51	390.64	70.81	0.34
Reach-1	48020	2-yr	2047.00	960.05	968.42	964.41	968.75	0.001447	4.60	445.16	77.88	0.34
Reach-1	48020	5-yr	3336.00	960.05	971.00	965.86	971.39	0.001266	5.02	664.70	89.36	0.32
Reach-1	48020	10-yr	4375.00	960.05	973.37	966.92	973.75	0.000993	4.94	885.84	98.82	0.29
Reach-1	48020	50-yr	7239.00	960.05	977.36	969.28	977.82	0.000847	5.46	1359.23	134.07	0.28
Reach-1	48020	100-yr	8721.00	960.05	978.92	970.11	979.42	0.000798	5.74	1583.16	155.42	0.27
Reach-1	48020	10-50yrA	5330.00	960.05	974.14	967.81	974.62	0.001205	5.52	965.07	108.07	0.32
Reach-1	48020	10-50yrB	6285.00	960.05	975.55	968.62	976.04	0.001076	5.63	1127.78	121.46	0.31
Reach-1	47995	Avg Annual	134.00	960.39	962.20	961.49	962.27	0.002040	2.17	61.62	47.38	0.34
Reach-1	47995	0.5-yr	1422.00	960.39	966.77	963.95	967.08	0.001617	4.46	319.10	65.37	0.36
Reach-1	47995	1-yr	1670.00	960.39	967.41	964.29	967.74	0.001561	4.62	361.73	67.96	0.35
Reach-1	47995	1.5-yr	1761.00	960.39	967.63	964.41	967.97	0.001548	4.68	376.64	68.84	0.35
Reach-1	47995	2-yr	2047.00	960.39	968.36	964.76	968.71	0.001441	4.79	427.72	71.79	0.34
Reach-1	47995	5-yr	3336.00	960.39	970.89	966.13	971.35	0.001514	5.43	614.84	92.63	0.34
Reach-1	47995	10-yr	4375.00	960.39	973.25	967.09	973.71	0.001409	5.46	800.94	105.47	0.31
Reach-1	47995	50-yr	7239.00	960.39	977.14	969.25	977.77	0.001646	6.39	1132.88	124.62	0.31
Reach-1	47995	100-yr	8721.00	960.39	978.64	970.20	979.37	0.001641	6.87	1282.15	145.09	0.32
Reach-1	47995	10-50yrA	5330.00	960.39	973.97	967.90	974.57	0.001771	6.19	860.67	108.84	0.34
Reach-1	47995	10-50yrB	6285.00	960.39	975.35	968.60	975.99	0.001804	6.44	976.40	115.04	0.34
Reach-1	47970	Avg Annual	134.00	960.39	962.13	961.48	962.22	0.002388	2.29	58.62	47.14	0.36
Reach-1	47970	0.5-yr	1422.00	960.39	966.72	963.93	967.04	0.001662	4.50	316.05	65.17	0.36
Reach-1	47970	1-yr	1670.00	960.39	967.37	964.27	967.70	0.001599	4.66	358.67	67.78	0.36
Reach-1	47970	1.5-yr	1761.00	960.39	967.58	964.39	967.93	0.001584	4.71	373.58	68.66	0.36
Reach-1	47970	2-yr	2047.00	960.39	968.31	964.74	968.68	0.001488	4.82	424.86	71.62	0.35
Reach-1	47970	5-yr	3336.00	960.39	970.87	966.14	971.30	0.001691	5.22	638.75	92.53	0.35
Reach-1	47970	10-yr	4375.00	960.39	973.26	967.10	973.65	0.001404	5.00	874.78	105.55	0.31
Reach-1	47970	50-yr	7239.00	960.39	977.22	969.50	977.68	0.001624	5.46	1327.10	126.49	0.29
Reach-1	47970	100-yr	8721.00	960.39	978.75	970.40	979.26	0.001634	5.71	1542.48	150.66	0.29
Reach-1	47970	10-50yrA	5330.00	960.39	974.01	967.89	974.49	0.001765	5.58	954.38	108.96	0.33
Reach-1	47970	10-50yrB	6285.00	960.39	975.40	968.60	975.90	0.001799	5.66	1110.72	114.92	0.32
Reach-1	47920	Avg Annual	134.00	960.47	962.05	961.27	962.11	0.001620	1.99	67.44	49.87	0.30
Reach-1	47920	0.5-yr	1422.00	960.47	966.68	963.64	966.95	0.001495	4.15	342.77	73.62	0.34
Reach-1	47920	1-yr	1670.00	960.47	967.33	963.97	967.61	0.001516	4.23	394.91	82.52	0.34
Reach-1	47920	1.5-yr	1761.00	960.47	967.55	964.09	967.83	0.001477	4.26	413.43	83.63	0.34
Reach-1	47920	2-yr	2047.00	960.47	968.30	964.43	968.58	0.001322	4.29	477.24	87.45	0.32
Reach-1	47920	5-yr	3336.00	960.47	970.86	965.80	971.20	0.001351	4.66	715.42	97.71	0.30

Reach-1	47920	10-yr	4375.00	960.47	973.24	966.92	973.57	0.001239	4.56	958.77	106.43	0.27
Reach-1	47920	50-yr	7239.00	960.47	977.18	968.86	977.59	0.001365	5.15	1409.47	129.96	0.26
Reach-1	47920	100-yr	8721.00	960.47	978.71	969.70	979.17	0.001380	5.45	1630.27	157.02	0.26
Reach-1	47920	10-50yrA	5330.00	960.47	973.98	967.63	974.38	0.001548	5.14	1037.68	109.14	0.29
Reach-1	47920	10-50yrB	6285.00	960.47	975.36	968.27	975.80	0.001585	5.27	1192.84	114.28	0.29
Reach-1	47870	Avg Annual	134.00	959.21	962.03	960.54	962.06	0.000575	1.43	94.00	52.69	0.19
Reach-1	47870	0.5-yr	1422.00	959.21	966.65	963.08	966.86	0.001110	3.67	387.44	80.27	0.29
Reach-1	47870	1-yr	1670.00	959.21	967.30	963.41	967.53	0.001064	3.79	440.90	83.89	0.29
Reach-1	47870	1.5-yr	1761.00	959.21	967.53	963.53	967.75	0.001048	3.83	459.77	84.90	0.29
Reach-1	47870	2-yr	2047.00	959.21	968.28	963.88	968.51	0.000968	3.90	524.59	88.29	0.28
Reach-1	47870	5-yr	3336.00	959.21	970.83	965.23	971.12	0.001114	4.37	763.75	98.72	0.28
Reach-1	47870	10-yr	4375.00	959.21	973.21	966.25	973.50	0.001063	4.33	1009.52	107.46	0.25
Reach-1	47870	50-yr	7239.00	959.21	977.14	968.26	977.52	0.001207	4.97	1459.90	127.98	0.25
Reach-1	47870	100-yr	8721.00	959.21	978.67	969.12	979.10	0.001206	5.28	1678.51	160.29	0.25
Reach-1	47870	10-50yrA	5330.00	959.21	973.93	967.02	974.30	0.001335	4.90	1087.91	109.88	0.27
Reach-1	47870	10-50yrB	6285.00	959.21	975.31	967.66	975.71	0.001376	5.05	1243.33	114.54	0.27
Reach-1	47820	Avg Annual	134.00	960.24	961.88	961.44	961.99	0.004119	2.66	50.40	48.46	0.46
Reach-1	47820	0.5-yr	1422.00	960.24	966.47	963.83	966.78	0.001842	4.51	315.05	69.55	0.37
Reach-1	47820	1-yr	1670.00	960.24	967.12	964.14	967.45	0.001882	4.58	364.94	79.29	0.38
Reach-1	47820	1.5-yr	1761.00	960.24	967.35	964.26	967.68	0.001808	4.60	383.07	80.04	0.37
Reach-1	47820	2-yr	2047.00	960.24	968.11	964.62	968.44	0.001554	4.60	445.21	82.45	0.35
Reach-1	47820	5-yr	3336.00	960.24	970.66	965.95	971.05	0.001616	4.99	669.19	92.96	0.33
Reach-1	47820	10-yr	4375.00	960.24	973.07	967.06	973.43	0.001414	4.85	901.19	100.16	0.29
Reach-1	47820	50-yr	7239.00	960.24	976.97	968.96	977.44	0.001642	5.50	1315.89	115.06	0.29
Reach-1	47820	100-yr	8721.00	960.24	978.50	969.88	979.02	0.001648	5.79	1515.09	153.51	0.30
Reach-1	47820	10-50yrA	5330.00	960.24	973.75	967.72	974.22	0.001776	5.49	970.22	102.23	0.31
Reach-1	47820	10-50yrB	6285.00	960.24	975.13	968.38	975.62	0.001800	5.64	1114.41	106.44	0.31
Reach-1	47810	Avg Annual	134.00	960.80	961.57	961.57	961.89	0.023001	4.49	29.84	47.86	1.00
Reach-1	47810	0.5-yr	1422.00	960.80	966.42	963.93	966.76	0.001999	4.66	304.88	70.23	0.39
Reach-1	47810	1-yr	1670.00	960.80	967.07	964.25	967.43	0.001792	4.77	350.01	76.13	0.38
Reach-1	47810	1.5-yr	1761.00	960.80	967.30	964.36	967.66	0.001736	4.81	365.87	77.71	0.37
Reach-1	47810	2-yr	2047.00	960.80	968.05	964.70	968.42	0.001530	4.87	420.08	81.22	0.36
Reach-1	47810	5-yr	3336.00	960.80	970.56	966.09	971.02	0.001552	5.49	608.04	91.29	0.35
Reach-1	47810	10-yr	4375.00	960.80	972.94	967.04	973.41	0.001357	5.48	798.96	100.08	0.31
Reach-1	47810	50-yr	7239.00	960.80	976.76	969.06	977.41	0.001323	6.46	1134.79	131.74	0.31
Reach-1	47810	100-yr	8721.00	960.80	978.22	970.00	978.98	0.001348	6.99	1283.81	169.33	0.32
Reach-1	47810	10-50yrA	5330.00	960.80	973.58	967.75	974.18	0.001723	6.26	851.35	102.59	0.34
Reach-1	47810	10-50yrB	6285.00	960.80	974.93	968.44	975.59	0.001636	6.51	966.74	110.33	0.34
Reach-1	47782	Avg Annual	134.00	959.90	961.42	960.98	961.55	0.005260	2.90	46.21	46.91	0.51
Reach-1	47782	0.5-yr	1422.00	959.90	966.42	963.31	966.70	0.001308	4.21	337.60	59.00	0.31
Reach-1	47782	1-yr	1670.00	959.90	967.06	963.61	967.37	0.001301	4.45	375.27	59.00	0.31
Reach-1	47782	1.5-yr	1761.00	959.90	967.28	963.71	967.60	0.001302	4.53	388.33	59.00	0.31
Reach-1	47782	2-yr	2047.00	959.90	968.03	964.03	968.38	0.001267	4.73	432.34	59.00	0.31
Reach-1	47782	5-yr	3336.00	959.90	970.45	965.32	970.98	0.001421	5.80	575.38	59.00	0.33
Reach-1	47782	10-yr	4375.00	959.90	972.77	966.23	973.36	0.001302	6.14	712.15	59.00	0.31
Reach-1	47782	50-yr	7239.00	959.90	976.39	968.46	977.34	0.001675	7.82	925.43	59.00	0.35
Reach-1	47782	100-yr	8721.00	959.90	977.76	969.49	978.89	0.002664	8.53	1042.95	174.52	0.44



Reach-1	47782	10-50yrA	5330.00	959.90	973.32	967.01	974.12	0.001697	7.16	744.60	59.00	0.36
Reach-1	47782	10-50yrB	6285.00	959.90	974.61	967.76	975.52	0.001783	7.66	820.28	59.00	0.36
Reach-1	47735	Bridge										
Reach-1	47730	Avg Annual	134.00	960.00	961.28	960.75	961.35	0.002812	2.21	60.51	59.00	0.39
Reach-1	47730	0.5-yr	1422.00	960.00	966.39	962.86	966.63	0.001004	3.92	362.33	59.00	0.28
Reach-1	47730	1-yr	1670.00	960.00	967.03	963.16	967.30	0.001020	4.17	400.00	59.00	0.28
Reach-1	47730	1.5-yr	1761.00	960.00	967.25	963.26	967.53	0.001028	4.26	413.06	59.00	0.28
Reach-1	47730	2-yr	2047.00	960.00	968.00	963.58	968.31	0.001018	4.48	457.12	59.00	0.28
Reach-1	47730	5-yr	3336.00	960.00	970.42	964.87	970.90	0.001191	5.56	599.91	59.00	0.31
Reach-1	47730	10-yr	4375.00	960.00	971.61	965.78	972.28	0.001472	6.53	670.43	59.00	0.34
Reach-1	47730	50-yr	7239.00	960.00	974.34	967.99	975.52	0.002149	8.71	831.23	59.00	0.41
Reach-1	47730	100-yr	8721.00	960.00	975.35	969.01	976.84	0.002552	9.79	891.05	59.00	0.44
Reach-1	47730	10-50yrA	5330.00	960.00	972.48	966.56	973.33	0.001761	7.39	721.41	59.00	0.37
Reach-1	47730	10-50yrB	6285.00	960.00	973.24	967.29	974.28	0.002053	8.20	766.15	59.00	0.40
Reach-1	47727	Avg Annual	134.00	960.00	961.26	960.78	961.34	0.003184	2.30	58.38	59.40	0.41
Reach-1	47727	0.5-yr	1422.00	960.00	966.41	962.89	966.62	0.000882	3.63	391.90	70.84	0.27
Reach-1	47727	1-yr	1670.00	960.00	967.06	963.19	967.28	0.000873	3.81	438.23	72.53	0.27
Reach-1	47727	1.5-yr	1761.00	960.00	967.28	963.29	967.52	0.000871	3.87	454.55	73.12	0.27
Reach-1	47727	2-yr	2047.00	960.00	968.04	963.60	968.29	0.000835	4.01	510.56	75.20	0.27
Reach-1	47727	5-yr	3336.00	960.00	970.50	964.86	970.86	0.000787	4.79	710.75	86.89	0.28
Reach-1	47727	10-yr	4375.00	960.00	971.74	965.75	972.21	0.000885	5.52	818.62	91.54	0.30
Reach-1	47727	50-yr	7239.00	960.00	974.62	967.85	975.39	0.001065	7.11	1068.52	102.57	0.34
Reach-1	47727	100-yr	8721.00	960.00	975.72	968.74	976.67	0.001180	7.89	1164.77	107.18	0.37
Reach-1	47727	10-50yrA	5330.00	960.00	972.66	966.49	973.24	0.000989	6.17	898.04	94.97	0.32
Reach-1	47727	10-50yrB	6285.00	960.00	973.47	967.19	974.17	0.001089	6.77	968.73	98.01	0.34
Reach-1	47720	Avg Annual	134.00	959.86	961.23	960.76	961.32	0.002972	2.38	56.21	55.46	0.42
Reach-1	47720	0.5-yr	1422.00	959.86	966.39	962.94	966.61	0.000892	3.80	381.40	73.90	0.28
Reach-1	47720	1-yr	1670.00	959.86	967.04	963.25	967.28	0.000870	3.97	430.10	76.57	0.28
Reach-1	47720	1.5-yr	1761.00	959.86	967.26	963.36	967.51	0.000864	4.03	447.41	77.50	0.28
Reach-1	47720	2-yr	2047.00	959.86	968.02	963.68	968.28	0.000816	4.16	507.39	80.62	0.28
Reach-1	47720	5-yr	3336.00	959.86	970.50	965.01	970.85	0.000928	4.79	720.67	90.96	0.28
Reach-1	47720	10-yr	4375.00	959.86	971.76	965.95	972.20	0.001151	5.39	838.38	96.22	0.30
Reach-1	47720	50-yr	7239.00	959.86	974.70	968.07	975.34	0.001502	6.53	1137.43	106.57	0.33
Reach-1	47720	100-yr	8721.00	959.86	975.86	969.11	976.60	0.001598	7.08	1267.08	124.55	0.34
Reach-1	47720	10-50yrA	5330.00	959.86	972.69	966.71	973.22	0.001348	5.91	929.80	99.87	0.32
Reach-1	47720	10-50yrB	6285.00	959.86	973.53	967.39	974.14	0.001512	6.37	1014.48	102.76	0.34
Reach-1	47670	Avg Annual	134.00	959.22	961.01	960.54	961.14	0.004472	2.87	46.72	47.49	0.51
Reach-1	47670	0.5-yr	1422.00	959.22	966.32	962.98	966.56	0.001047	3.91	363.51	69.39	0.30
Reach-1	47670	1-yr	1670.00	959.22	966.97	963.30	967.23	0.001032	4.08	409.23	71.86	0.30
Reach-1	47670	1.5-yr	1761.00	959.22	967.19	963.41	967.46	0.001028	4.14	425.47	72.72	0.30
Reach-1	47670	2-yr	2047.00	959.22	967.95	963.76	968.24	0.000979	4.25	481.91	75.63	0.30
Reach-1	47670	5-yr	3336.00	959.22	970.43	965.10	970.79	0.001333	4.86	686.43	86.93	0.30
Reach-1	47670	10-yr	4375.00	959.22	971.65	966.03	972.12	0.001744	5.50	795.54	91.07	0.33
Reach-1	47670	50-yr	7239.00	959.22	974.53	968.15	975.23	0.002983	6.72	1077.77	110.05	0.37
Reach-1	47670	100-yr	8721.00	959.22	975.71	969.21	976.49	0.003096	7.16	1273.38	251.78	0.37
Reach-1	47670	10-50yrA	5330.00	959.22	972.55	966.81	973.13	0.002226	6.06	879.31	95.50	0.35

Reach-1	47670	10-50yrB	6285.00	959.22	973.36	967.52	974.03	0.002779	6.56	957.82	100.54	0.37
Reach-1	47620	Avg Annual	134.00	959.15	960.96	960.05	961.01	0.001146	1.83	73.31	49.64	0.27
Reach-1	47620	0.5-yr	1422.00	959.15	966.29	962.44	966.51	0.000877	3.72	381.89	65.88	0.27
Reach-1	47620	1-yr	1670.00	959.15	966.93	962.77	967.17	0.000888	3.93	424.94	67.67	0.28
Reach-1	47620	1.5-yr	1761.00	959.15	967.16	962.88	967.41	0.000892	4.00	440.15	68.29	0.28
Reach-1	47620	2-yr	2047.00	959.15	967.92	963.23	968.19	0.000872	4.15	492.78	70.39	0.28
Reach-1	47620	5-yr	3336.00	959.15	970.34	964.61	970.73	0.001290	4.95	673.40	78.69	0.30
Reach-1	47620	10-yr	4375.00	959.15	971.53	965.56	972.03	0.001657	5.68	783.01	117.76	0.33
Reach-1	47620	50-yr	7239.00	959.15	974.38	967.78	975.10	0.002426	6.89	1141.75	197.31	0.36
Reach-1	47620	100-yr	8721.00	959.15	975.59	968.79	976.34	0.002542	7.17	1361.02	301.48	0.37
Reach-1	47620	10-50yrA	5330.00	959.15	972.41	966.36	973.02	0.001901	6.27	887.41	130.21	0.35
Reach-1	47620	10-50yrB	6285.00	959.15	973.20	967.09	973.90	0.002178	6.78	982.07	146.48	0.36
Reach-1	47570	Avg Annual	134.00	959.32	960.83	960.30	960.92	0.002884	2.48	53.98	48.09	0.41
Reach-1	47570	0.5-yr	1422.00	959.32	966.22	962.70	966.46	0.001010	3.91	363.51	66.47	0.29
Reach-1	47570	1-yr	1670.00	959.32	966.86	963.03	967.13	0.001009	4.10	407.12	68.65	0.30
Reach-1	47570	1.5-yr	1761.00	959.32	967.09	963.14	967.36	0.001009	4.17	422.58	69.42	0.30
Reach-1	47570	2-yr	2047.00	959.32	967.85	963.49	968.14	0.000972	4.30	476.55	72.03	0.29
Reach-1	47570	5-yr	3336.00	959.32	970.27	964.88	970.67	0.001047	5.04	663.79	87.18	0.31
Reach-1	47570	10-yr	4375.00	959.32	971.47	965.84	971.96	0.001149	5.67	815.45	149.78	0.33
Reach-1	47570	50-yr	7239.00	959.32	974.45	968.03	974.97	0.000976	6.15	1377.40	231.30	0.31
Reach-1	47570	100-yr	8721.00	959.32	975.69	969.06	976.20	0.000873	6.21	1719.44	331.73	0.30
Reach-1	47570	10-50yrA	5330.00	959.32	972.38	966.63	972.93	0.001208	6.09	960.84	172.12	0.34
Reach-1	47570	10-50yrB	6285.00	959.32	973.20	967.36	973.79	0.001218	6.39	1111.61	191.86	0.34
Reach-1	47520	Avg Annual	134.00	958.30	960.76	959.83	960.82	0.001230	1.90	70.38	50.04	0.28
Reach-1	47520	0.5-yr	1422.00	958.30	966.20	962.28	966.40	0.000766	3.59	395.78	68.12	0.26
Reach-1	47520	1-yr	1670.00	958.30	966.85	962.61	967.07	0.000778	3.79	440.38	70.01	0.27
Reach-1	47520	1.5-yr	1761.00	958.30	967.07	962.72	967.30	0.000782	3.86	456.13	70.66	0.27
Reach-1	47520	2-yr	2047.00	958.30	967.83	963.07	968.08	0.000790	4.00	511.30	74.67	0.27
Reach-1	47520	5-yr	3336.00	958.30	970.26	964.42	970.59	0.001175	4.63	755.92	153.52	0.28
Reach-1	47520	10-yr	4375.00	958.30	971.50	965.35	971.87	0.001215	5.00	961.61	178.81	0.29
Reach-1	47520	50-yr	7239.00	958.30	974.52	967.57	974.87	0.000909	5.18	1657.05	272.74	0.26
Reach-1	47520	100-yr	8721.00	958.30	975.77	968.64	976.11	0.000794	5.16	2025.50	325.90	0.25
Reach-1	47520	10-50yrA	5330.00	958.30	972.43	966.13	972.82	0.001206	5.27	1139.10	220.24	0.29
Reach-1	47520	10-50yrB	6285.00	958.30	973.27	966.86	973.68	0.001157	5.44	1337.43	244.32	0.29
Reach-1	47470	Avg Annual	134.00	957.78	960.75	958.98	960.78	0.000421	1.46	91.98	41.87	0.17
Reach-1	47470	0.5-yr	1422.00	957.78	966.13	961.89	966.36	0.000890	3.85	369.30	61.27	0.28
Reach-1	47470	1-yr	1670.00	957.78	966.77	962.26	967.02	0.000926	4.08	409.13	63.51	0.28
Reach-1	47470	1.5-yr	1761.00	957.78	966.99	962.39	967.26	0.000938	4.16	423.28	64.28	0.29
Reach-1	47470	2-yr	2047.00	957.78	967.75	962.79	968.04	0.000974	4.32	473.76	69.31	0.29
Reach-1	47470	5-yr	3336.00	957.78	970.16	964.36	970.53	0.001284	4.96	744.38	201.89	0.30
Reach-1	47470	10-yr	4375.00	957.78	971.44	965.42	971.81	0.001140	5.14	1020.93	223.44	0.29
Reach-1	47470	50-yr	7239.00	957.78	974.50	967.88	974.82	0.000766	5.07	1811.88	288.07	0.25
Reach-1	47470	100-yr	8721.00	957.78	975.76	970.14	976.06	0.000674	5.06	2179.33	298.21	0.24
Reach-1	47470	10-50yrA	5330.00	957.78	972.39	966.29	972.76	0.001065	5.29	1241.22	244.56	0.29
Reach-1	47470	10-50yrB	6285.00	957.78	973.24	967.06	973.62	0.000999	5.40	1459.40	265.46	0.28
Reach-1	47420	Avg Annual	134.00	958.10	960.49	960.09	960.71	0.006585	3.71	36.15	33.41	0.63

Reach-1	47420	0.5-yr	1422.00	958.10	965.97	962.88	966.29	0.001443	4.56	311.53	58.87	0.35
Reach-1	47420	1-yr	1670.00	958.10	966.60	963.23	966.96	0.001452	4.78	349.72	61.45	0.35
Reach-1	47420	1.5-yr	1761.00	958.10	966.82	963.35	967.19	0.001455	4.85	363.36	62.35	0.35
Reach-1	47420	2-yr	2047.00	958.10	967.58	963.73	967.97	0.001534	4.96	412.91	69.17	0.36
Reach-1	47420	5-yr	3336.00	958.10	970.07	965.22	970.46	0.001395	5.14	739.16	198.49	0.33
Reach-1	47420	10-yr	4375.00	958.10	971.38	966.26	971.75	0.001174	5.24	1020.95	234.60	0.31
Reach-1	47420	50-yr	7239.00	958.10	974.46	969.54	974.78	0.000787	5.22	1910.95	348.97	0.26
Reach-1	47420	100-yr	8721.00	958.10	975.73	970.45	976.03	0.000681	5.19	2381.30	390.43	0.25
Reach-1	47420	10-50yrA	5330.00	958.10	972.33	967.16	972.71	0.001090	5.40	1256.54	264.47	0.30
Reach-1	47420	10-50yrB	6285.00	958.10	973.18	968.25	973.56	0.001029	5.54	1497.29	298.35	0.30
Reach-1	47370	Avg Annual	134.00	957.87	960.52	959.20	960.57	0.000809	1.82	73.56	38.33	0.23
Reach-1	47370	0.5-yr	1422.00	957.87	965.93	962.14	966.22	0.001187	4.30	330.32	56.25	0.31
Reach-1	47370	1-yr	1670.00	957.87	966.56	962.53	966.88	0.001232	4.56	366.48	58.47	0.32
Reach-1	47370	1.5-yr	1761.00	957.87	966.78	962.67	967.11	0.001247	4.64	379.36	59.24	0.32
Reach-1	47370	2-yr	2047.00	957.87	967.54	963.08	967.89	0.001219	4.78	442.25	104.70	0.32
Reach-1	47370	5-yr	3336.00	957.87	970.09	964.68	970.37	0.000808	4.61	945.87	284.08	0.27
Reach-1	47370	10-yr	4375.00	957.87	971.43	965.76	971.67	0.000632	4.47	1354.29	324.46	0.25
Reach-1	47370	50-yr	7239.00	957.87	974.54	969.48	974.71	0.000378	4.12	2482.10	402.70	0.20
Reach-1	47370	100-yr	8721.00	957.87	975.80	970.18	975.96	0.000330	4.09	3009.54	433.30	0.19
Reach-1	47370	10-50yrA	5330.00	957.87	972.40	966.65	972.62	0.000555	4.45	1679.90	348.62	0.23
Reach-1	47370	10-50yrB	6285.00	957.87	973.27	968.69	973.48	0.000502	4.45	1991.79	370.29	0.23
Reach-1	47320	Avg Annual	134.00	957.60	960.50	958.83	960.53	0.000500	1.51	88.83	40.31	0.18
Reach-1	47320	0.5-yr	1422.00	957.60	965.91	961.71	966.15	0.001014	3.95	360.45	60.35	0.28
Reach-1	47320	1-yr	1670.00	957.60	966.54	962.10	966.81	0.001065	4.18	399.48	63.28	0.29
Reach-1	47320	1.5-yr	1761.00	957.60	966.76	962.23	967.04	0.001081	4.26	413.47	64.29	0.30
Reach-1	47320	2-yr	2047.00	957.60	967.52	962.65	967.81	0.001146	4.39	478.67	110.48	0.30
Reach-1	47320	5-yr	3336.00	957.60	970.08	964.22	970.30	0.001407	3.99	967.98	308.02	0.29
Reach-1	47320	10-yr	4375.00	957.60	971.43	965.30	971.61	0.000935	3.73	1429.61	368.06	0.24
Reach-1	47320	50-yr	7239.00	957.60	974.55	969.02	974.68	0.000458	3.31	2715.96	456.56	0.18
Reach-1	47320	100-yr	8721.00	957.60	975.81	969.79	975.93	0.000385	3.28	3309.80	485.11	0.17
Reach-1	47320	10-50yrA	5330.00	957.60	972.41	966.20	972.57	0.000753	3.64	1800.68	395.73	0.22
Reach-1	47320	10-50yrB	6285.00	957.60	973.28	967.54	973.43	0.000646	3.60	2156.42	422.18	0.21
Reach-1	47270	Avg Annual	134.00	957.43	960.49	958.67	960.51	0.000305	1.24	108.25	47.74	0.14
Reach-1	47270	0.5-yr	1422.00	957.43	965.91	961.27	966.09	0.000671	3.40	417.91	66.63	0.24
Reach-1	47270	1-yr	1670.00	957.43	966.54	961.62	966.74	0.000707	3.60	481.33	120.60	0.25
Reach-1	47270	1.5-yr	1761.00	957.43	966.77	961.75	966.97	0.000706	3.65	508.47	124.62	0.25
Reach-1	47270	2-yr	2047.00	957.43	967.54	962.12	967.74	0.000684	3.67	622.06	184.67	0.24
Reach-1	47270	5-yr	3336.00	957.43	970.11	963.56	970.25	0.000385	3.39	1392.56	351.85	0.19
Reach-1	47270	10-yr	4375.00	957.43	971.44	964.55	971.57	0.000324	3.39	1892.45	395.49	0.18
Reach-1	47270	50-yr	7239.00	957.43	974.55	968.17	974.65	0.000227	3.35	3249.94	476.02	0.16
Reach-1	47270	100-yr	8721.00	957.43	975.81	968.89	975.91	0.000208	3.40	3864.33	494.86	0.15
Reach-1	47270	10-50yrA	5330.00	957.43	972.41	965.41	972.54	0.000302	3.47	2289.40	423.70	0.18
Reach-1	47270	10-50yrB	6285.00	957.43	973.28	966.81	973.40	0.000285	3.53	2666.23	444.96	0.17
Reach-1	47220	Avg Annual	134.00	957.20	960.47	958.60	960.50	0.000314	1.25	107.18	49.63	0.15
Reach-1	47220	0.5-yr	1422.00	957.20	965.88	961.29	966.05	0.000615	3.29	431.69	69.78	0.23
Reach-1	47220	1-yr	1670.00	957.20	966.52	961.63	966.71	0.000643	3.50	476.57	72.04	0.24
Reach-1	47220	1.5-yr	1761.00	957.20	966.74	961.75	966.94	0.000659	3.57	492.60	73.39	0.24

Reach-1	47220	2-yr	2047.00	957.20	967.49	962.11	967.70	0.000724	3.70	553.25	92.09	0.25
Reach-1	47220	5-yr	3336.00	957.20	969.99	963.52	970.21	0.000563	3.99	1091.80	324.07	0.23
Reach-1	47220	10-yr	4375.00	957.20	971.32	964.48	971.54	0.000497	4.10	1553.72	368.98	0.22
Reach-1	47220	50-yr	7239.00	957.20	974.45	966.76	974.63	0.000351	4.11	2850.75	445.85	0.20
Reach-1	47220	100-yr	8721.00	957.20	975.72	968.44	975.89	0.000323	4.18	3427.97	468.14	0.19
Reach-1	47220	10-50yrA	5330.00	957.20	972.29	965.28	972.51	0.000471	4.24	1927.31	402.61	0.22
Reach-1	47220	10-50yrB	6285.00	957.20	973.16	966.01	973.38	0.000447	4.34	2288.34	425.66	0.22
Reach-1	47170	Avg Annual	134.00	955.49	960.47	957.36	960.48	0.000119	0.95	141.35	47.01	0.10
Reach-1	47170	0.5-yr	1422.00	955.49	965.87	960.52	966.02	0.000524	3.11	456.55	70.07	0.22
Reach-1	47170	1-yr	1670.00	955.49	966.50	960.89	966.67	0.000560	3.33	501.67	72.75	0.22
Reach-1	47170	1.5-yr	1761.00	955.49	966.72	961.02	966.90	0.000573	3.40	517.82	74.12	0.23
Reach-1	47170	2-yr	2047.00	955.49	967.47	961.42	967.67	0.000551	3.56	588.83	131.87	0.23
Reach-1	47170	5-yr	3336.00	955.49	969.98	962.94	970.18	0.000444	3.85	1211.50	313.12	0.21
Reach-1	47170	10-yr	4375.00	955.49	971.31	963.99	971.51	0.000408	4.01	1662.39	356.21	0.21
Reach-1	47170	50-yr	7239.00	955.49	974.44	966.31	974.61	0.000315	4.13	2918.32	460.76	0.19
Reach-1	47170	100-yr	8721.00	955.49	975.70	967.89	975.88	0.000291	4.20	3532.68	508.03	0.19
Reach-1	47170	10-50yrA	5330.00	955.49	972.28	964.83	972.48	0.000397	4.17	2015.23	377.24	0.21
Reach-1	47170	10-50yrB	6285.00	955.49	973.14	965.60	973.35	0.000388	4.31	2356.17	409.94	0.21
Reach-1	47120	Avg Annual	134.00	955.49	960.47	956.73	960.48	0.000053	0.67	200.19	56.28	0.06
Reach-1	47120	0.5-yr	1422.00	955.49	965.88	959.48	965.98	0.000325	2.53	561.17	77.85	0.17
Reach-1	47120	1-yr	1670.00	955.49	966.52	959.84	966.63	0.000353	2.73	613.34	101.57	0.17
Reach-1	47120	1.5-yr	1761.00	955.49	966.74	959.97	966.86	0.000357	2.80	636.12	105.00	0.18
Reach-1	47120	2-yr	2047.00	955.49	967.49	960.35	967.63	0.000355	2.94	720.42	118.71	0.18
Reach-1	47120	5-yr	3336.00	955.49	969.98	961.77	970.15	0.000352	3.45	1159.20	215.97	0.18
Reach-1	47120	10-yr	4375.00	955.49	971.29	962.73	971.49	0.000374	3.84	1467.54	254.17	0.19
Reach-1	47120	50-yr	7239.00	955.49	974.35	964.99	974.59	0.000363	4.39	2462.95	407.98	0.20
Reach-1	47120	100-yr	8721.00	955.49	975.61	965.99	975.85	0.000352	4.56	3021.38	468.91	0.20
Reach-1	47120	10-50yrA	5330.00	955.49	972.22	963.51	972.46	0.000400	4.17	1721.07	300.08	0.20
Reach-1	47120	10-50yrB	6285.00	955.49	973.07	964.27	973.32	0.000418	4.45	1990.45	334.51	0.21
Reach-1	47070	Avg Annual	134.00	956.85	960.44	958.23	960.47	0.000348	1.41	95.07	36.66	0.15
Reach-1	47070	0.5-yr	1422.00	956.85	965.67	961.53	965.94	0.001115	4.14	343.09	57.51	0.30
Reach-1	47070	1-yr	1670.00	956.85	966.28	961.94	966.59	0.001167	4.41	378.87	59.53	0.31
Reach-1	47070	1.5-yr	1761.00	956.85	966.50	962.08	966.81	0.001230	4.50	391.65	60.88	0.31
Reach-1	47070	2-yr	2047.00	956.85	967.24	962.52	967.57	0.001882	4.65	440.48	74.27	0.34
Reach-1	47070	5-yr	3336.00	956.85	969.75	964.20	970.10	0.001604	4.89	841.58	250.55	0.31
Reach-1	47070	10-yr	4375.00	956.85	971.11	965.30	971.44	0.001394	4.97	1214.70	286.54	0.30
Reach-1	47070	50-yr	7239.00	956.85	974.27	968.42	974.56	0.001008	4.94	2200.08	337.45	0.26
Reach-1	47070	100-yr	8721.00	956.85	975.54	969.72	975.82	0.000937	5.01	2652.85	404.27	0.26
Reach-1	47070	10-50yrA	5330.00	956.85	972.08	966.17	972.41	0.001322	5.11	1499.40	301.97	0.29
Reach-1	47070	10-50yrB	6285.00	956.85	972.94	967.48	973.28	0.001267	5.23	1767.55	315.76	0.29
Reach-1	47020	Avg Annual	134.00	958.93	960.28	959.82	960.42	0.004259	3.01	44.59	38.44	0.49
Reach-1	47020	0.5-yr	1422.00	958.93	965.48	962.61	965.86	0.001838	4.93	288.30	55.97	0.38
Reach-1	47020	1-yr	1670.00	958.93	966.09	963.00	966.50	0.001850	5.17	322.97	58.32	0.39
Reach-1	47020	1.5-yr	1761.00	958.93	966.30	963.14	966.72	0.001848	5.25	335.25	58.95	0.39
Reach-1	47020	2-yr	2047.00	958.93	967.01	963.53	967.46	0.002032	5.41	378.38	63.67	0.39
Reach-1	47020	5-yr	3336.00	958.93	969.51	965.08	969.99	0.002016	5.69	700.62	194.04	0.37
Reach-1	47020	10-yr	4375.00	958.93	970.84	966.13	971.33	0.001782	5.91	985.92	232.85	0.36

Reach-1	47020	50-yr	7239.00	958.93	974.02	969.26	974.45	0.001287	5.97	1826.10	294.61	0.32
Reach-1	47020	100-yr	8721.00	958.93	975.31	970.13	975.72	0.001266	5.95	2229.98	347.96	0.32
Reach-1	47020	10-50yrA	5330.00	958.93	971.79	967.07	972.30	0.001716	6.14	1216.47	252.40	0.36
Reach-1	47020	10-50yrB	6285.00	958.93	972.65	968.38	973.16	0.001657	6.32	1439.50	268.61	0.35
Reach-1	46970	Avg Annual	134.00	958.21	960.17	959.37	960.26	0.002100	2.37	56.54	39.51	0.35
Reach-1	46970	0.5-yr	1422.00	958.21	965.44	962.16	965.76	0.001559	4.53	313.92	60.09	0.35
Reach-1	46970	1-yr	1670.00	958.21	966.05	962.53	966.40	0.001573	4.75	351.28	62.54	0.35
Reach-1	46970	1.5-yr	1761.00	958.21	966.26	962.66	966.62	0.001578	4.83	364.57	63.42	0.36
Reach-1	46970	2-yr	2047.00	958.21	966.96	963.05	967.34	0.001871	4.96	412.83	75.66	0.37
Reach-1	46970	5-yr	3336.00	958.21	969.52	964.59	969.87	0.001229	4.98	801.14	203.59	0.32
Reach-1	46970	10-yr	4375.00	958.21	970.89	965.72	971.22	0.001039	4.99	1098.53	230.36	0.30
Reach-1	46970	50-yr	7239.00	958.21	974.09	968.97	974.36	0.000709	4.84	1932.54	291.48	0.25
Reach-1	46970	100-yr	8721.00	958.21	975.37	969.73	975.63	0.000656	4.82	2331.17	359.57	0.25
Reach-1	46970	10-50yrA	5330.00	958.21	971.85	966.76	972.18	0.000978	5.10	1328.80	248.77	0.29
Reach-1	46970	10-50yrB	6285.00	958.21	972.72	967.78	973.05	0.000929	5.20	1551.24	265.32	0.29
Reach-1	46920	Avg Annual	134.00	957.67	960.14	958.96	960.18	0.000792	1.71	78.39	44.76	0.23
Reach-1	46920	0.5-yr	1422.00	957.67	965.44	961.56	965.67	0.000957	3.83	371.50	65.88	0.28
Reach-1	46920	1-yr	1670.00	957.67	966.05	961.93	966.31	0.000987	4.05	412.52	68.32	0.29
Reach-1	46920	1.5-yr	1761.00	957.67	966.26	962.05	966.53	0.000999	4.12	427.11	69.27	0.29
Reach-1	46920	2-yr	2047.00	957.67	966.96	962.43	967.25	0.001005	4.30	476.49	72.49	0.30
Reach-1	46920	5-yr	3336.00	957.67	969.46	963.89	969.81	0.001053	4.83	736.40	149.43	0.30
Reach-1	46920	10-yr	4375.00	957.67	970.76	964.89	971.16	0.001043	5.20	960.06	185.84	0.30
Reach-1	46920	50-yr	7239.00	957.67	973.91	967.34	974.31	0.000849	5.45	1636.89	243.34	0.28
Reach-1	46920	100-yr	8721.00	957.67	975.18	968.39	975.58	0.000827	5.57	1971.33	300.82	0.28
Reach-1	46920	10-50yrA	5330.00	957.67	971.68	965.70	972.11	0.001061	5.51	1139.78	202.59	0.31
Reach-1	46920	10-50yrB	6285.00	957.67	972.53	966.45	972.98	0.001062	5.74	1316.65	217.83	0.31
Reach-1	46870	Avg Annual	134.00	957.75	960.00	959.43	960.11	0.003189	2.65	50.56	42.20	0.43
Reach-1	46870	0.5-yr	1422.00	957.75	965.33	962.05	965.61	0.001298	4.21	337.91	64.77	0.32
Reach-1	46870	1-yr	1670.00	957.75	965.94	962.40	966.25	0.001303	4.42	378.13	67.12	0.33
Reach-1	46870	1.5-yr	1761.00	957.75	966.15	962.52	966.47	0.001306	4.49	392.39	67.97	0.33
Reach-1	46870	2-yr	2047.00	957.75	966.85	962.89	967.19	0.001287	4.64	440.88	71.25	0.33
Reach-1	46870	5-yr	3336.00	957.75	969.31	964.34	969.75	0.001278	5.30	628.98	81.36	0.34
Reach-1	46870	10-yr	4375.00	957.75	970.52	965.33	971.08	0.001453	5.99	730.51	86.13	0.36
Reach-1	46870	50-yr	7239.00	957.75	973.39	967.60	974.21	0.001969	7.26	1013.22	136.13	0.41
Reach-1	46870	100-yr	8721.00	957.75	974.58	968.57	975.46	0.002926	7.62	1214.27	196.14	0.44
Reach-1	46870	10-50yrA	5330.00	957.75	971.34	966.14	972.03	0.001665	6.64	802.24	89.33	0.39
Reach-1	46870	10-50yrB	6285.00	957.75	972.06	966.90	972.88	0.001879	7.24	867.98	92.67	0.42
Reach-1	46820	Avg Annual	134.00	958.62	959.86	959.34	959.95	0.002920	2.38	56.21	51.80	0.40
Reach-1	46820	0.5-yr	1422.00	958.62	965.33	961.62	965.53	0.000886	3.60	395.31	72.67	0.27
Reach-1	46820	1-yr	1670.00	958.62	965.95	961.94	966.17	0.000899	3.79	440.66	75.19	0.28
Reach-1	46820	1.5-yr	1761.00	958.62	966.16	962.05	966.39	0.000903	3.86	456.71	76.06	0.28
Reach-1	46820	2-yr	2047.00	958.62	966.86	962.36	967.11	0.000890	4.01	511.05	78.94	0.28
Reach-1	46820	5-yr	3336.00	958.62	969.33	963.71	969.66	0.000906	4.65	718.08	88.40	0.29
Reach-1	46820	10-yr	4375.00	958.62	970.55	964.63	970.98	0.001032	5.28	827.90	91.68	0.31
Reach-1	46820	50-yr	7239.00	958.62	973.41	966.74	974.08	0.001473	6.57	1101.12	103.21	0.35
Reach-1	46820	100-yr	8721.00	958.62	974.51	967.68	975.29	0.002687	7.10	1254.15	200.52	0.40
Reach-1	46820	10-50yrA	5330.00	958.62	971.37	965.39	971.91	0.001186	5.89	904.40	93.82	0.33

Reach-1	46820	10-50yrB	6285.00	958.62	972.10	966.09	972.75	0.001339	6.46	973.49	95.69	0.36
Reach-1	46770	Avg Annual	134.00	958.32	959.78	959.00	959.84	0.001462	1.95	68.78	51.70	0.30
Reach-1	46770	0.5-yr	1422.00	958.32	965.30	961.32	965.49	0.000773	3.48	408.52	72.11	0.26
Reach-1	46770	1-yr	1670.00	958.32	965.91	961.64	966.12	0.000794	3.68	453.37	74.41	0.26
Reach-1	46770	1.5-yr	1761.00	958.32	966.12	961.75	966.34	0.000801	3.75	469.22	75.20	0.26
Reach-1	46770	2-yr	2047.00	958.32	966.82	962.11	967.06	0.000797	3.92	522.84	77.80	0.27
Reach-1	46770	5-yr	3336.00	958.32	969.29	963.46	969.62	0.000864	4.58	728.44	88.16	0.28
Reach-1	46770	10-yr	4375.00	958.32	970.51	964.38	970.93	0.001001	5.22	838.26	92.43	0.31
Reach-1	46770	50-yr	7239.00	958.32	973.35	966.52	974.00	0.001461	6.46	1120.81	112.32	0.36
Reach-1	46770	100-yr	8721.00	958.32	974.44	967.47	975.16	0.002029	6.87	1330.27	251.35	0.38
Reach-1	46770	10-50yrA	5330.00	958.32	971.32	965.15	971.85	0.001156	5.83	914.86	94.78	0.33
Reach-1	46770	10-50yrB	6285.00	958.32	972.05	965.86	972.68	0.001374	6.38	984.85	100.87	0.36
Reach-1	46720	Avg Annual	134.00	957.23	959.77	958.35	959.79	0.000417	1.29	103.96	55.23	0.17
Reach-1	46720	0.5-yr	1422.00	957.23	965.30	960.64	965.44	0.000545	3.07	463.62	75.08	0.22
Reach-1	46720	1-yr	1670.00	957.23	965.91	960.95	966.08	0.000571	3.27	510.20	77.12	0.22
Reach-1	46720	1.5-yr	1761.00	957.23	966.12	961.06	966.29	0.000581	3.34	526.63	77.88	0.23
Reach-1	46720	2-yr	2047.00	957.23	966.82	961.39	967.01	0.000603	3.52	582.27	81.47	0.23
Reach-1	46720	5-yr	3336.00	957.23	969.29	962.72	969.56	0.000862	4.13	808.56	104.71	0.26
Reach-1	46720	10-yr	4375.00	957.23	970.53	963.64	970.85	0.001038	4.56	996.24	164.20	0.28
Reach-1	46720	50-yr	7239.00	957.23	973.47	965.76	973.86	0.001061	5.17	1528.56	204.96	0.28
Reach-1	46720	100-yr	8721.00	957.23	974.57	966.70	975.00	0.001171	5.46	1770.98	235.99	0.28
Reach-1	46720	10-50yrA	5330.00	957.23	971.38	964.40	971.75	0.001124	4.95	1139.60	173.36	0.29
Reach-1	46720	10-50yrB	6285.00	957.23	972.13	965.12	972.55	0.001199	5.28	1273.69	181.50	0.30
Reach-1	46670	Avg Annual	134.00	956.88	959.74	957.83	959.77	0.000349	1.36	98.50	41.00	0.15
Reach-1	46670	0.5-yr	1422.00	956.88	965.18	960.73	965.40	0.000867	3.77	377.42	61.42	0.27
Reach-1	46670	1-yr	1670.00	956.88	965.78	961.11	966.03	0.000921	4.03	414.81	63.50	0.28
Reach-1	46670	1.5-yr	1761.00	956.88	965.99	961.25	966.25	0.000939	4.11	428.04	64.22	0.28
Reach-1	46670	2-yr	2047.00	956.88	966.68	961.66	966.97	0.000965	4.33	473.14	66.74	0.29
Reach-1	46670	5-yr	3336.00	956.88	969.09	963.25	969.48	0.001646	5.04	661.64	106.59	0.36
Reach-1	46670	10-yr	4375.00	956.88	970.34	964.32	970.76	0.002686	5.16	848.41	177.80	0.42
Reach-1	46670	50-yr	7239.00	956.88	973.40	966.74	973.79	0.001590	5.05	1433.21	205.33	0.34
Reach-1	46670	100-yr	8721.00	956.88	974.50	967.71	974.93	0.001534	5.23	1668.26	224.82	0.33
Reach-1	46670	10-50yrA	5330.00	956.88	971.23	965.20	971.66	0.002390	5.28	1008.93	185.76	0.40
Reach-1	46670	10-50yrB	6285.00	956.88	972.01	965.99	972.46	0.002231	5.44	1156.17	192.77	0.39
Reach-1	46620	Avg Annual	134.00	956.29	959.73	957.34	959.76	0.000318	1.35	99.21	35.90	0.14
Reach-1	46620	0.5-yr	1422.00	956.29	965.08	960.67	965.35	0.001089	4.13	344.52	54.69	0.29
Reach-1	46620	1-yr	1670.00	956.29	965.67	961.10	965.97	0.001168	4.43	377.06	56.45	0.30
Reach-1	46620	1.5-yr	1761.00	956.29	965.87	961.25	966.19	0.001195	4.53	388.56	57.06	0.31
Reach-1	46620	2-yr	2047.00	956.29	966.55	961.70	966.91	0.001238	4.78	427.97	59.15	0.31
Reach-1	46620	5-yr	3336.00	956.29	968.88	963.40	969.39	0.001791	5.73	581.80	71.16	0.35
Reach-1	46620	10-yr	4375.00	956.29	969.94	964.53	970.59	0.003112	6.51	705.75	164.54	0.41
Reach-1	46620	50-yr	7239.00	956.29	973.17	967.28	973.68	0.001904	6.21	1351.40	217.64	0.33
Reach-1	46620	100-yr	8721.00	956.29	974.30	968.35	974.83	0.001743	6.32	1615.33	248.08	0.32
Reach-1	46620	10-50yrA	5330.00	956.29	970.82	965.45	971.50	0.003046	6.81	876.52	198.01	0.41
Reach-1	46620	10-50yrB	6285.00	956.29	971.63	966.29	972.31	0.002853	6.94	1037.53	199.10	0.40
Reach-1	46570	Avg Annual	134.00	956.41	959.71	957.49	959.74	0.000320	1.37	97.81	35.70	0.15



Reach-1	46570	0.5-yr	1422.00	956.41	965.02	960.69	965.29	0.001138	4.19	339.33	55.50	0.30
Reach-1	46570	1-yr	1670.00	956.41	965.60	961.12	965.91	0.001225	4.49	372.29	57.82	0.31
Reach-1	46570	1.5-yr	1761.00	956.41	965.80	961.27	966.13	0.001253	4.59	384.02	58.60	0.32
Reach-1	46570	2-yr	2047.00	956.41	966.48	961.72	966.84	0.001292	4.82	424.65	61.20	0.32
Reach-1	46570	5-yr	3336.00	956.41	968.78	963.44	969.28	0.002443	5.65	590.25	81.10	0.37
Reach-1	46570	10-yr	4375.00	956.41	969.82	964.60	970.43	0.002703	6.31	767.79	223.20	0.39
Reach-1	46570	50-yr	7239.00	956.41	973.13	967.43	973.58	0.001581	5.88	1530.67	238.91	0.32
Reach-1	46570	100-yr	8721.00	956.41	974.27	968.57	974.72	0.001488	6.02	1809.86	250.68	0.31
Reach-1	46570	10-50yrA	5330.00	956.41	970.72	965.54	971.34	0.002557	6.52	970.30	227.42	0.39
Reach-1	46570	10-50yrB	6285.00	956.41	971.55	966.41	972.15	0.002381	6.62	1160.20	231.11	0.38
Reach-1	46520	Avg Annual	134.00	956.30	959.69	957.36	959.72	0.000325	1.40	95.71	34.89	0.15
Reach-1	46520	0.5-yr	1422.00	956.30	964.95	960.74	965.23	0.001186	4.29	331.35	54.49	0.31
Reach-1	46520	1-yr	1670.00	956.30	965.52	961.19	965.85	0.001273	4.60	363.23	56.46	0.32
Reach-1	46520	1.5-yr	1761.00	956.30	965.72	961.33	966.06	0.001303	4.70	374.48	57.14	0.32
Reach-1	46520	2-yr	2047.00	956.30	966.39	961.79	966.77	0.001342	4.95	413.77	59.46	0.33
Reach-1	46520	5-yr	3336.00	956.30	968.64	963.51	969.17	0.001742	5.86	571.96	82.85	0.37
Reach-1	46520	10-yr	4375.00	956.30	969.61	964.65	970.30	0.002009	6.72	698.05	150.40	0.41
Reach-1	46520	50-yr	7239.00	956.30	972.84	967.50	973.47	0.001472	6.85	1395.20	240.19	0.37
Reach-1	46520	100-yr	8721.00	956.30	974.00	968.53	974.62	0.001498	6.97	1685.70	261.51	0.37
Reach-1	46520	10-50yrA	5330.00	956.30	970.38	965.59	971.19	0.002198	7.36	829.41	223.21	0.43
Reach-1	46520	10-50yrB	6285.00	956.30	971.15	966.38	972.01	0.002190	7.68	1004.04	226.53	0.44
Reach-1	46470	Avg Annual	134.00	956.00	959.68	957.40	959.71	0.000270	1.28	104.35	38.52	0.14
Reach-1	46470	0.5-yr	1422.00	956.00	964.92	960.50	965.17	0.000992	4.04	352.25	56.37	0.28
Reach-1	46470	1-yr	1670.00	956.00	965.49	960.90	965.78	0.001072	4.34	385.08	58.23	0.30
Reach-1	46470	1.5-yr	1761.00	956.00	965.69	961.06	965.99	0.001099	4.44	396.63	58.88	0.30
Reach-1	46470	2-yr	2047.00	956.00	966.36	961.49	966.70	0.001140	4.68	437.02	61.07	0.31
Reach-1	46470	5-yr	3336.00	956.00	968.60	963.17	969.08	0.001462	5.57	652.11	212.52	0.35
Reach-1	46470	10-yr	4375.00	956.00	969.62	964.29	970.17	0.001561	6.11	878.88	230.33	0.37
Reach-1	46470	50-yr	7239.00	956.00	972.93	966.90	973.34	0.001010	5.80	1763.71	303.28	0.31
Reach-1	46470	100-yr	8721.00	956.00	974.07	969.28	974.50	0.000935	5.97	2122.56	321.57	0.30
Reach-1	46470	10-50yrA	5330.00	956.00	970.45	965.21	971.02	0.001579	6.43	1073.91	241.34	0.38
Reach-1	46470	10-50yrB	6285.00	956.00	971.25	966.04	971.83	0.001535	6.60	1276.20	265.88	0.37
Reach-1	46420	Avg Annual	134.00	956.43	959.67	957.55	959.69	0.000231	1.15	116.50	47.44	0.13
Reach-1	46420	0.5-yr	1422.00	956.43	964.92	960.27	965.11	0.000674	3.44	413.57	66.03	0.24
Reach-1	46420	1-yr	1670.00	956.43	965.50	960.62	965.71	0.000724	3.69	452.27	67.99	0.25
Reach-1	46420	1.5-yr	1761.00	956.43	965.70	960.75	965.92	0.000741	3.78	465.86	68.64	0.26
Reach-1	46420	2-yr	2047.00	956.43	966.38	961.12	966.63	0.000761	3.98	526.08	114.41	0.26
Reach-1	46420	5-yr	3336.00	956.43	968.69	962.59	968.95	0.000910	4.29	961.10	250.59	0.28
Reach-1	46420	10-yr	4375.00	956.43	969.74	963.61	970.03	0.000888	4.63	1245.12	290.14	0.28
Reach-1	46420	50-yr	7239.00	956.43	973.02	965.95	973.25	0.000531	4.45	2363.17	377.43	0.23
Reach-1	46420	100-yr	8721.00	956.43	974.17	968.14	974.40	0.000490	4.55	2807.74	392.93	0.22
Reach-1	46420	10-50yrA	5330.00	956.43	970.58	964.46	970.88	0.000867	4.87	1499.64	319.68	0.28
Reach-1	46420	10-50yrB	6285.00	956.43	971.38	965.24	971.69	0.000824	5.02	1766.11	344.92	0.28
Reach-1	46370	Avg Annual	134.00	957.14	959.65	958.07	959.68	0.000393	1.34	99.87	49.82	0.17
Reach-1	46370	0.5-yr	1422.00	957.14	964.89	960.61	965.07	0.000698	3.48	408.79	67.59	0.25
Reach-1	46370	1-yr	1670.00	957.14	965.46	960.94	965.68	0.000744	3.73	448.26	69.54	0.26
Reach-1	46370	1.5-yr	1761.00	957.14	965.66	961.06	965.88	0.000759	3.81	462.11	70.20	0.26

Reach-1	46370	2-yr	2047.00	957.14	966.34	961.41	966.59	0.000832	4.00	516.25	104.77	0.27
Reach-1	46370	5-yr	3336.00	957.14	968.67	962.80	968.90	0.000820	4.11	1037.42	320.50	0.27
Reach-1	46370	10-yr	4375.00	957.14	969.74	963.76	969.98	0.000731	4.25	1393.37	338.62	0.26
Reach-1	46370	50-yr	7239.00	957.14	973.03	966.10	973.21	0.000414	3.98	2558.90	373.14	0.20
Reach-1	46370	100-yr	8721.00	957.14	974.19	968.40	974.37	0.000390	4.12	2998.42	389.61	0.20
Reach-1	46370	10-50yrA	5330.00	957.14	970.59	964.56	970.82	0.000681	4.37	1683.37	346.27	0.25
Reach-1	46370	10-50yrB	6285.00	957.14	971.40	965.31	971.63	0.000633	4.46	1966.07	353.77	0.25
Reach-1	46320	Avg Annual	134.00	957.44	959.61	958.48	959.65	0.000783	1.63	82.16	50.57	0.23
Reach-1	46320	0.5-yr	1422.00	957.44	964.82	960.90	965.03	0.000832	3.69	385.41	65.84	0.27
Reach-1	46320	1-yr	1670.00	957.44	965.39	961.23	965.63	0.000873	3.94	423.38	67.26	0.28
Reach-1	46320	1.5-yr	1761.00	957.44	965.59	961.34	965.84	0.000888	4.03	436.65	67.74	0.28
Reach-1	46320	2-yr	2047.00	957.44	966.25	961.69	966.50	0.004212	4.05	509.87	187.70	0.40
Reach-1	46320	5-yr	3336.00	957.44	968.68	963.07	968.81	0.002092	2.86	1183.39	366.66	0.26
Reach-1	46320	10-yr	4375.00	957.44	969.77	964.02	969.89	0.001457	2.75	1594.85	387.66	0.23
Reach-1	46320	50-yr	7239.00	957.44	973.07	967.36	973.16	0.000696	2.19	3122.24	546.05	0.16
Reach-1	46320	100-yr	8721.00	957.44	974.23	967.91	974.32	0.000608	2.15	3788.92	603.36	0.15
Reach-1	46320	10-50yrA	5330.00	957.44	970.63	964.83	970.74	0.001293	2.71	1937.87	423.40	0.22
Reach-1	46320	10-50yrB	6285.00	957.44	971.44	966.99	971.55	0.001164	2.65	2297.81	464.12	0.21
Reach-1	46270	Avg Annual	134.00	957.16	959.58	958.29	959.61	0.000548	1.48	90.39	49.43	0.19
Reach-1	46270	0.5-yr	1422.00	957.16	964.78	960.72	964.99	0.000795	3.65	389.56	65.46	0.26
Reach-1	46270	1-yr	1670.00	957.16	965.35	961.05	965.59	0.000843	3.91	427.24	67.14	0.27
Reach-1	46270	1.5-yr	1761.00	957.16	965.55	961.17	965.80	0.000860	4.00	440.43	67.72	0.28
Reach-1	46270	2-yr	2047.00	957.16	966.13	961.52	966.41	0.001003	4.25	481.61	75.03	0.30
Reach-1	46270	5-yr	3336.00	957.16	968.42	962.96	968.71	0.001361	4.45	895.76	306.50	0.30
Reach-1	46270	10-yr	4375.00	957.16	969.55	963.92	969.81	0.001134	4.49	1269.03	358.17	0.28
Reach-1	46270	50-yr	7239.00	957.16	972.95	966.37	973.12	0.000526	3.87	2827.78	625.93	0.20
Reach-1	46270	100-yr	8721.00	957.16	974.14	968.54	974.28	0.000434	3.75	3576.45	637.26	0.19
Reach-1	46270	10-50yrA	5330.00	957.16	970.42	964.73	970.67	0.001002	4.52	1598.16	394.58	0.27
Reach-1	46270	10-50yrB	6285.00	957.16	971.25	965.46	971.49	0.000883	4.50	1939.12	425.48	0.25
Reach-1	46220	Avg Annual	134.00	957.31	959.54	958.42	959.58	0.000799	1.64	81.76	52.28	0.23
Reach-1	46220	0.5-yr	1422.00	957.31	964.75	960.83	964.95	0.000753	3.56	399.88	68.72	0.26
Reach-1	46220	1-yr	1670.00	957.31	965.32	961.15	965.54	0.000793	3.80	439.41	70.43	0.27
Reach-1	46220	1.5-yr	1761.00	957.31	965.52	961.26	965.75	0.000807	3.89	453.23	71.02	0.27
Reach-1	46220	2-yr	2047.00	957.31	966.09	961.59	966.36	0.000849	4.14	494.83	72.76	0.28
Reach-1	46220	5-yr	3336.00	957.31	968.38	962.91	968.64	0.001040	4.29	972.00	306.23	0.28
Reach-1	46220	10-yr	4375.00	957.31	969.52	963.85	969.76	0.000876	4.33	1388.53	420.76	0.26
Reach-1	46220	50-yr	7239.00	957.31	972.97	965.96	973.08	0.000329	3.32	3579.40	685.28	0.17
Reach-1	46220	100-yr	8721.00	957.31	974.15	968.33	974.25	0.000277	3.24	4395.36	695.86	0.16
Reach-1	46220	10-50yrA	5330.00	957.31	970.39	964.64	970.62	0.000791	4.39	1840.64	662.17	0.25
Reach-1	46220	10-50yrB	6285.00	957.31	971.25	965.34	971.44	0.000640	4.18	2410.67	669.83	0.23
Reach-1	46170	Avg Annual	134.00	956.80	959.47	958.49	959.53	0.001281	1.89	70.79	50.95	0.28
Reach-1	46170	0.5-yr	1422.00	956.80	964.68	960.97	964.91	0.000894	3.78	376.11	66.96	0.28
Reach-1	46170	1-yr	1670.00	956.80	965.25	961.30	965.50	0.000936	4.03	414.35	68.78	0.29
Reach-1	46170	1.5-yr	1761.00	956.80	965.44	961.41	965.70	0.000951	4.12	427.74	69.41	0.29
Reach-1	46170	2-yr	2047.00	956.80	966.01	961.77	966.31	0.000996	4.37	468.27	82.76	0.30
Reach-1	46170	5-yr	3336.00	956.80	968.30	963.16	968.58	0.001290	4.52	988.56	445.56	0.29
Reach-1	46170	10-yr	4375.00	956.80	969.45	964.10	969.70	0.001066	4.51	1555.56	574.78	0.27

Reach-1	46170	50-yr	7239.00	956.80	972.97	967.61	973.06	0.000353	3.26	3967.04	709.78	0.16
Reach-1	46170	100-yr	8721.00	956.80	974.15	968.43	974.24	0.000300	3.19	4814.05	721.76	0.15
Reach-1	46170	10-50yrA	5330.00	956.80	970.37	964.89	970.57	0.000867	4.35	2147.77	689.82	0.25
Reach-1	46170	10-50yrB	6285.00	956.80	971.23	965.59	971.40	0.000687	4.10	2748.90	695.58	0.22
Reach-1	46120	Avg Annual	134.00	957.68	959.42	958.57	959.47	0.001124	1.77	75.83	53.90	0.26
Reach-1	46120	0.5-yr	1422.00	957.68	964.65	960.80	964.86	0.000825	3.62	392.45	68.15	0.27
Reach-1	46120	1-yr	1670.00	957.68	965.22	961.12	965.45	0.000868	3.87	431.24	69.84	0.27
Reach-1	46120	1.5-yr	1761.00	957.68	965.41	961.23	965.65	0.000883	3.96	444.80	70.42	0.28
Reach-1	46120	2-yr	2047.00	957.68	965.98	961.58	966.26	0.000928	4.22	485.61	72.13	0.29
Reach-1	46120	5-yr	3336.00	957.68	968.19	962.92	968.52	0.001029	4.72	886.75	250.50	0.30
Reach-1	46120	10-yr	4375.00	957.68	969.35	963.86	969.65	0.000883	4.79	1476.91	533.42	0.28
Reach-1	46120	50-yr	7239.00	957.68	972.90	966.06	973.04	0.000357	3.81	3777.15	744.99	0.19
Reach-1	46120	100-yr	8721.00	957.68	974.10	967.93	974.22	0.000299	3.71	4674.20	754.66	0.18
Reach-1	46120	10-50yrA	5330.00	957.68	970.26	964.62	970.53	0.000762	4.75	1976.48	569.28	0.27
Reach-1	46120	10-50yrB	6285.00	957.68	971.11	965.36	971.36	0.000670	4.71	2496.96	648.87	0.25
Reach-1	46070	Avg Annual	134.00	956.01	959.41	957.74	959.43	0.000325	1.25	107.40	49.68	0.15
Reach-1	46070	0.5-yr	1422.00	956.01	964.63	960.20	964.81	0.000702	3.43	413.99	68.08	0.25
Reach-1	46070	1-yr	1670.00	956.01	965.19	960.54	965.40	0.000753	3.69	452.72	70.09	0.26
Reach-1	46070	1.5-yr	1761.00	956.01	965.38	960.66	965.60	0.000772	3.78	466.30	70.78	0.26
Reach-1	46070	2-yr	2047.00	956.01	965.95	961.02	966.20	0.000948	4.04	507.20	76.14	0.28
Reach-1	46070	5-yr	3336.00	956.01	968.15	962.44	968.40	0.004704	4.06	850.38	267.82	0.39
Reach-1	46070	10-yr	4375.00	956.01	969.38	963.42	969.55	0.002473	3.49	1477.36	546.77	0.29
Reach-1	46070	50-yr	7239.00	956.01	972.93	965.71	973.00	0.000552	2.36	3817.07	743.69	0.15
Reach-1	46070	100-yr	8721.00	956.01	974.12	968.49	974.18	0.000429	2.27	4710.96	755.88	0.14
Reach-1	46070	10-50yrA	5330.00	956.01	970.30	964.25	970.44	0.001687	3.21	2001.20	589.43	0.25
Reach-1	46070	10-50yrB	6285.00	956.01	971.16	965.00	971.28	0.001264	3.05	2539.98	665.46	0.22
Reach-1	46020	Avg Annual	134.00	955.44	959.40	957.18	959.42	0.000187	1.04	128.75	51.91	0.12
Reach-1	46020	0.5-yr	1422.00	955.44	964.62	959.79	964.77	0.000593	3.14	453.35	79.88	0.23
Reach-1	46020	1-yr	1670.00	955.44	965.18	960.13	965.36	0.000613	3.35	498.89	81.71	0.24
Reach-1	46020	1.5-yr	1761.00	955.44	965.38	960.25	965.56	0.000620	3.42	514.81	82.35	0.24
Reach-1	46020	2-yr	2047.00	955.44	965.94	960.60	966.15	0.000643	3.64	562.12	84.04	0.25
Reach-1	46020	5-yr	3336.00	955.44	968.17	962.01	968.31	0.000413	3.06	1085.33	407.88	0.20
Reach-1	46020	10-yr	4375.00	955.44	969.37	962.95	969.51	0.000185	2.25	1622.53	493.03	0.14
Reach-1	46020	50-yr	7239.00	955.44	972.90	965.30	972.99	0.000042	1.36	3661.15	674.76	0.07
Reach-1	46020	100-yr	8721.00	955.44	974.09	967.81	974.18	0.000031	1.25	4475.98	692.97	0.06
Reach-1	46020	10-50yrA	5330.00	955.44	970.28	964.02	970.42	0.000121	1.95	2088.93	528.94	0.12
Reach-1	46020	10-50yrB	6285.00	955.44	971.14	964.71	971.26	0.000092	1.80	2559.08	575.28	0.10
Reach-1	46000	Avg Annual	134.00	956.00	959.39	957.51	959.41	0.000267	1.17	114.18	50.93	0.14
Reach-1	46000	0.5-yr	1422.00	956.00	964.59	960.06	964.76	0.000653	3.27	435.11	73.46	0.24
Reach-1	46000	1-yr	1670.00	956.00	965.15	960.39	965.34	0.000687	3.50	476.54	74.72	0.24
Reach-1	46000	1.5-yr	1761.00	956.00	965.34	960.51	965.54	0.000700	3.59	490.96	75.20	0.25
Reach-1	46000	2-yr	2047.00	956.00	965.91	960.87	966.14	0.000741	3.84	533.71	76.61	0.26
Reach-1	46000	5-yr	3336.00	956.00	968.07	962.29	968.30	0.000675	4.11	1120.68	384.45	0.25
Reach-1	46000	10-yr	4375.00	956.00	969.30	963.37	969.49	0.000563	4.01	1613.94	412.17	0.22
Reach-1	46000	50-yr	7239.00	956.00	972.90	965.43	972.98	0.000322	2.84	3567.66	672.84	0.16
Reach-1	46000	100-yr	8721.00	956.00	974.10	967.86	974.17	0.000258	2.74	4382.44	690.68	0.15
Reach-1	46000	10-50yrA	5330.00	956.00	970.22	964.10	970.41	0.000526	4.04	2018.98	467.58	0.22

Reach-1	46000	10-50yrB	6285.00	956.00	971.11	964.78	971.26	0.000532	3.73	2455.16	572.74	0.21
Reach-1	45963		Bridge									
Reach-1	45933	Avg Annual	134.00	957.90	959.32	958.51	959.37	0.001288	1.85	72.52	53.86	0.28
Reach-1	45933	0.5-yr	1422.00	957.90	964.52	960.77	964.71	0.000806	3.55	400.45	70.48	0.26
Reach-1	45933	1-yr	1670.00	957.90	965.07	961.08	965.29	0.000847	3.80	439.79	71.81	0.27
Reach-1	45933	1.5-yr	1761.00	957.90	965.26	961.19	965.49	0.000869	3.88	453.54	72.73	0.27
Reach-1	45933	2-yr	2047.00	957.90	965.82	961.52	966.08	0.000926	4.14	494.66	74.74	0.28
Reach-1	45933	5-yr	3336.00	957.90	967.82	962.83	968.21	0.001056	5.07	743.35	292.07	0.31
Reach-1	45933	10-yr	4375.00	957.90	968.97	963.71	969.32	0.001110	5.13	1171.95	396.83	0.30
Reach-1	45933	50-yr	7239.00	957.90	972.33	965.81	972.44	0.000657	3.18	2799.66	585.98	0.19
Reach-1	45933	100-yr	8721.00	957.90	973.53	968.73	973.63	0.000487	2.95	3512.66	597.15	0.16
Reach-1	45933	10-50yrA	5330.00	957.90	969.84	964.45	970.15	0.001003	5.06	1525.47	416.62	0.28
Reach-1	45933	10-50yrB	6285.00	957.90	970.64	965.14	970.92	0.000896	4.93	1868.77	446.35	0.26
Reach-1	45920	Avg Annual	134.00	957.00	959.33	957.89	959.35	0.000434	1.34	99.96	51.54	0.17
Reach-1	45920	0.5-yr	1422.00	957.00	964.52	960.28	964.70	0.000716	3.42	415.46	69.93	0.25
Reach-1	45920	1-yr	1670.00	957.00	965.07	960.60	965.28	0.000765	3.67	454.70	71.87	0.26
Reach-1	45920	1.5-yr	1761.00	957.00	965.26	960.72	965.48	0.000782	3.76	468.43	72.54	0.26
Reach-1	45920	2-yr	2047.00	957.00	965.82	961.07	966.07	0.000835	4.02	509.31	74.49	0.27
Reach-1	45920	5-yr	3336.00	957.00	967.81	962.44	968.20	0.001052	5.00	666.91	82.40	0.31
Reach-1	45920	10-yr	4375.00	957.00	968.83	963.40	969.30	0.001407	5.60	950.51	408.44	0.34
Reach-1	45920	50-yr	7239.00	957.00	972.30	965.57	972.43	0.000877	3.43	2653.83	585.81	0.21
Reach-1	45920	100-yr	8721.00	957.00	973.51	969.02	973.63	0.000618	3.13	3372.93	596.71	0.18
Reach-1	45920	10-50yrA	5330.00	957.00	969.73	964.19	970.13	0.001675	5.43	1331.94	434.21	0.33
Reach-1	45920	10-50yrB	6285.00	957.00	970.61	964.92	970.90	0.001768	4.88	1730.10	479.95	0.30
Reach-1	45870	Avg Annual	134.00	957.00	959.31	957.83	959.33	0.000388	1.31	102.32	50.58	0.16
Reach-1	45870	0.5-yr	1422.00	957.00	964.47	960.21	964.66	0.000729	3.47	409.57	68.34	0.25
Reach-1	45870	1-yr	1670.00	957.00	965.02	960.54	965.24	0.000783	3.73	447.62	70.19	0.26
Reach-1	45870	1.5-yr	1761.00	957.00	965.21	960.66	965.44	0.000802	3.82	460.94	70.83	0.26
Reach-1	45870	2-yr	2047.00	957.00	965.76	961.03	966.02	0.000891	4.09	500.78	74.24	0.28
Reach-1	45870	5-yr	3336.00	957.00	967.74	962.44	968.14	0.001351	5.06	659.22	86.55	0.32
Reach-1	45870	10-yr	4375.00	957.00	968.72	963.41	969.21	0.001984	5.68	918.76	428.35	0.36
Reach-1	45870	50-yr	7239.00	957.00	972.24	965.64	972.37	0.000897	3.37	2712.48	572.18	0.20
Reach-1	45870	100-yr	8721.00	957.00	973.47	969.13	973.58	0.000643	3.09	3423.82	584.60	0.17
Reach-1	45870	10-50yrA	5330.00	957.00	969.62	964.19	970.03	0.002128	5.47	1329.59	475.05	0.34
Reach-1	45870	10-50yrB	6285.00	957.00	970.50	964.92	970.80	0.001782	4.95	1759.07	506.50	0.30
Reach-1	45820	Avg Annual	134.00	956.00	959.30	957.01	959.32	0.000167	1.02	131.31	48.97	0.11
Reach-1	45820	0.5-yr	1422.00	956.00	964.45	959.59	964.62	0.000624	3.33	427.47	66.71	0.23
Reach-1	45820	1-yr	1670.00	956.00	965.00	959.95	965.20	0.000677	3.60	464.22	67.75	0.24
Reach-1	45820	1.5-yr	1761.00	956.00	965.19	960.07	965.40	0.000696	3.69	476.97	68.11	0.25
Reach-1	45820	2-yr	2047.00	956.00	965.73	960.45	965.98	0.000756	3.98	514.44	69.15	0.26
Reach-1	45820	5-yr	3336.00	956.00	967.72	961.94	968.06	0.001081	4.79	883.21	368.32	0.30
Reach-1	45820	10-yr	4375.00	956.00	968.78	962.96	969.07	0.001301	4.71	1339.68	454.14	0.29
Reach-1	45820	50-yr	7239.00	956.00	972.22	965.21	972.32	0.000552	3.08	3069.41	556.52	0.17
Reach-1	45820	100-yr	8721.00	956.00	973.45	968.58	973.54	0.000443	2.96	3761.48	566.98	0.16
Reach-1	45820	10-50yrA	5330.00	956.00	969.66	963.80	969.88	0.001274	4.31	1748.31	472.25	0.27
Reach-1	45820	10-50yrB	6285.00	956.00	970.50	964.55	970.68	0.001085	3.98	2151.84	493.28	0.24

Reach-1	45770	Avg Annual	134.00	955.78	959.29	956.94	959.31	0.000193	1.10	121.75	45.70	0.12
Reach-1	45770	0.5-yr	1422.00	955.78	964.39	959.75	964.59	0.000733	3.56	399.70	64.01	0.25
Reach-1	45770	1-yr	1670.00	955.78	964.93	960.11	965.16	0.000803	3.84	434.81	66.06	0.26
Reach-1	45770	1.5-yr	1761.00	955.78	965.12	960.24	965.36	0.000824	3.93	455.43	141.70	0.27
Reach-1	45770	2-yr	2047.00	955.78	965.68	960.63	965.94	0.000849	4.13	547.37	186.77	0.27
Reach-1	45770	5-yr	3336.00	955.78	967.77	962.17	967.97	0.000680	4.03	1142.44	435.47	0.25
Reach-1	45770	10-yr	4375.00	955.78	968.82	963.21	968.99	0.000546	3.86	1641.92	498.60	0.22
Reach-1	45770	50-yr	7239.00	955.78	972.21	966.82	972.29	0.000200	2.76	3373.13	521.57	0.14
Reach-1	45770	100-yr	8721.00	955.78	973.44	967.71	973.52	0.000170	2.66	4023.99	535.66	0.13
Reach-1	45770	10-50yrA	5330.00	955.78	969.67	964.08	969.81	0.000447	3.66	2069.86	504.75	0.21
Reach-1	45770	10-50yrB	6285.00	955.78	970.50	966.33	970.63	0.000370	3.48	2491.01	510.49	0.19
Reach-1	45720	Avg Annual	134.00	955.89	959.27	957.10	959.30	0.000254	1.23	108.91	43.13	0.14
Reach-1	45720	0.5-yr	1422.00	955.89	964.32	960.03	964.54	0.000865	3.84	370.56	60.20	0.27
Reach-1	45720	1-yr	1670.00	955.89	964.85	960.40	965.11	0.000945	4.15	402.87	61.85	0.29
Reach-1	45720	1.5-yr	1761.00	955.89	965.03	960.53	965.31	0.000973	4.25	416.29	139.98	0.29
Reach-1	45720	2-yr	2047.00	955.89	965.58	960.93	965.89	0.001010	4.47	503.94	176.35	0.30
Reach-1	45720	5-yr	3336.00	955.89	967.72	962.48	967.94	0.000710	4.23	1153.24	465.27	0.25
Reach-1	45720	10-yr	4375.00	955.89	968.80	963.54	968.96	0.000533	3.87	1685.46	502.53	0.22
Reach-1	45720	50-yr	7239.00	955.89	972.21	967.25	972.28	0.000190	2.62	3410.13	511.35	0.13
Reach-1	45720	100-yr	8721.00	955.89	973.44	967.93	973.51	0.000161	2.51	4041.26	513.98	0.12
Reach-1	45720	10-50yrA	5330.00	955.89	969.66	964.41	969.79	0.000428	3.60	2118.27	504.40	0.20
Reach-1	45720	10-50yrB	6285.00	955.89	970.49	966.63	970.61	0.000351	3.38	2539.10	506.16	0.18
Reach-1	45670	Avg Annual	134.00	956.38	959.25	957.57	959.28	0.000389	1.37	97.69	44.84	0.16
Reach-1	45670	0.5-yr	1422.00	956.38	964.26	960.25	964.50	0.000946	3.90	364.68	61.78	0.28
Reach-1	45670	1-yr	1670.00	956.38	964.79	960.61	965.06	0.001025	4.20	397.64	63.60	0.30
Reach-1	45670	1.5-yr	1761.00	956.38	964.97	960.74	965.26	0.001053	4.30	409.21	64.22	0.30
Reach-1	45670	2-yr	2047.00	956.38	965.52	961.12	965.83	0.001086	4.52	496.61	180.75	0.31
Reach-1	45670	5-yr	3336.00	956.38	967.69	962.62	967.90	0.000663	4.18	1164.71	448.03	0.25
Reach-1	45670	10-yr	4375.00	956.38	968.77	963.65	968.93	0.000494	3.88	1668.14	473.50	0.22
Reach-1	45670	50-yr	7239.00	956.38	972.19	967.20	972.27	0.000178	2.81	3323.85	491.03	0.14
Reach-1	45670	100-yr	8721.00	956.38	973.42	967.81	973.50	0.000152	2.74	3956.96	532.32	0.13
Reach-1	45670	10-50yrA	5330.00	956.38	969.63	964.48	969.77	0.000402	3.69	2078.26	481.65	0.21
Reach-1	45670	10-50yrB	6285.00	956.38	970.46	966.65	970.59	0.000331	3.52	2481.93	484.76	0.19
Reach-1	45620	Avg Annual	134.00	956.96	959.22	957.80	959.26	0.000504	1.48	90.61	45.77	0.19
Reach-1	45620	0.5-yr	1422.00	956.96	964.22	960.43	964.45	0.000938	3.87	369.92	83.53	0.28
Reach-1	45620	1-yr	1670.00	956.96	964.75	960.78	965.01	0.000988	4.14	423.23	118.60	0.29
Reach-1	45620	1.5-yr	1761.00	956.96	964.93	960.88	965.20	0.000999	4.22	446.09	130.80	0.29
Reach-1	45620	2-yr	2047.00	956.96	965.49	961.23	965.77	0.001012	4.36	537.39	189.57	0.29
Reach-1	45620	5-yr	3336.00	956.96	967.69	962.65	967.86	0.000620	3.87	1223.80	432.43	0.24
Reach-1	45620	10-yr	4375.00	956.96	968.76	963.59	968.90	0.000472	3.61	1701.38	448.41	0.21
Reach-1	45620	50-yr	7239.00	956.96	972.18	966.91	972.26	0.000184	2.62	3281.09	490.09	0.13
Reach-1	45620	100-yr	8721.00	956.96	973.42	967.52	973.50	0.000157	2.58	3898.67	512.06	0.12
Reach-1	45620	10-50yrA	5330.00	956.96	969.62	965.63	969.74	0.000393	3.45	2088.92	454.66	0.19
Reach-1	45620	10-50yrB	6285.00	956.96	970.46	966.41	970.57	0.000330	3.29	2469.40	457.61	0.18
Reach-1	45570	Avg Annual	134.00	957.17	959.21	957.83	959.23	0.000420	1.31	102.38	53.69	0.17
Reach-1	45570	0.5-yr	1422.00	957.17	964.20	960.10	964.40	0.000760	3.54	401.57	67.30	0.26

Reach-1	45570	1-yr	1670.00	957.17	964.73	960.42	964.95	0.000868	3.81	438.36	71.07	0.27
Reach-1	45570	1.5-yr	1761.00	957.17	964.91	960.53	965.14	0.000891	3.90	451.24	71.52	0.27
Reach-1	45570	2-yr	2047.00	957.17	965.46	960.87	965.72	0.000934	4.12	529.69	184.27	0.28
Reach-1	45570	5-yr	3336.00	957.17	967.66	962.24	967.82	0.000627	3.65	1232.67	429.81	0.23
Reach-1	45570	10-yr	4375.00	957.17	968.75	963.19	968.87	0.000477	3.39	1705.77	446.89	0.20
Reach-1	45570	50-yr	7239.00	957.17	972.18	966.87	972.25	0.000178	2.54	3335.30	494.22	0.13
Reach-1	45570	100-yr	8721.00	957.17	973.41	967.42	973.49	0.000152	2.51	3953.08	506.95	0.12
Reach-1	45570	10-50yrA	5330.00	957.17	969.61	964.00	969.72	0.000393	3.23	2097.53	464.55	0.18
Reach-1	45570	10-50yrB	6285.00	957.17	970.44	964.80	970.55	0.000327	3.12	2492.19	477.51	0.17
Reach-1	45520	Avg Annual	134.00	957.00	959.19	957.72	959.21	0.000394	1.30	103.06	52.59	0.16
Reach-1	45520	0.5-yr	1422.00	957.00	964.17	960.08	964.36	0.000746	3.48	409.17	70.44	0.25
Reach-1	45520	1-yr	1670.00	957.00	964.69	960.40	964.91	0.000805	3.74	446.27	72.34	0.27
Reach-1	45520	1.5-yr	1761.00	957.00	964.87	960.51	965.10	0.000825	3.83	459.34	72.99	0.27
Reach-1	45520	2-yr	2047.00	957.00	965.41	960.86	965.67	0.000866	4.07	526.49	182.56	0.28
Reach-1	45520	5-yr	3336.00	957.00	967.64	962.24	967.79	0.000689	3.48	1224.57	420.48	0.22
Reach-1	45520	10-yr	4375.00	957.00	968.73	963.18	968.85	0.000495	3.23	1698.59	457.27	0.19
Reach-1	45520	50-yr	7239.00	957.00	972.17	966.89	972.24	0.000178	2.43	3398.05	518.46	0.12
Reach-1	45520	100-yr	8721.00	957.00	973.40	967.40	973.48	0.000152	2.39	4048.83	535.28	0.12
Reach-1	45520	10-50yrA	5330.00	957.00	969.59	963.96	969.70	0.000400	3.09	2106.96	482.49	0.18
Reach-1	45520	10-50yrB	6285.00	957.00	970.43	964.66	970.53	0.000330	2.98	2516.88	494.44	0.16
Reach-1	45470	Avg Annual	134.00	956.25	959.18	957.32	959.20	0.000240	1.12	119.24	51.88	0.13
Reach-1	45470	0.5-yr	1422.00	956.25	964.14	959.75	964.32	0.000671	3.38	420.39	69.35	0.24
Reach-1	45470	1-yr	1670.00	956.25	964.66	960.08	964.87	0.000733	3.66	456.69	71.16	0.25
Reach-1	45470	1.5-yr	1761.00	956.25	964.84	960.20	965.06	0.000754	3.75	469.48	71.77	0.26
Reach-1	45470	2-yr	2047.00	956.25	965.38	960.55	965.63	0.000799	3.99	540.08	178.61	0.27
Reach-1	45470	5-yr	3336.00	956.25	967.60	961.94	967.75	0.000705	3.51	1240.97	401.14	0.23
Reach-1	45470	10-yr	4375.00	956.25	968.69	962.90	968.82	0.000520	3.31	1697.54	435.89	0.20
Reach-1	45470	50-yr	7239.00	956.25	972.15	966.80	972.23	0.000205	2.61	3269.21	469.83	0.13
Reach-1	45470	100-yr	8721.00	956.25	973.38	967.34	973.47	0.000179	2.61	3856.14	480.53	0.13
Reach-1	45470	10-50yrA	5330.00	956.25	969.56	963.69	969.68	0.000432	3.22	2081.26	447.38	0.19
Reach-1	45470	10-50yrB	6285.00	956.25	970.40	964.45	970.51	0.000365	3.14	2460.71	454.67	0.17
Reach-1	45420	Avg Annual	134.00	956.28	959.16	957.57	959.18	0.000351	1.24	107.65	52.47	0.15
Reach-1	45420	0.5-yr	1422.00	956.28	964.10	959.96	964.28	0.000753	3.45	411.87	71.06	0.25
Reach-1	45420	1-yr	1670.00	956.28	964.61	960.29	964.83	0.000815	3.72	448.90	73.08	0.26
Reach-1	45420	1.5-yr	1761.00	956.28	964.79	960.40	965.02	0.000836	3.81	461.96	73.78	0.27
Reach-1	45420	2-yr	2047.00	956.28	965.33	960.74	965.58	0.000899	4.08	502.12	76.11	0.28
Reach-1	45420	5-yr	3336.00	956.28	967.46	962.14	967.71	0.000768	4.27	1015.02	377.51	0.26
Reach-1	45420	10-yr	4375.00	956.28	968.58	963.08	968.79	0.000601	4.11	1454.38	410.60	0.24
Reach-1	45420	50-yr	7239.00	956.28	972.10	965.26	972.22	0.000249	3.28	2996.11	453.58	0.16
Reach-1	45420	100-yr	8721.00	956.28	973.34	967.62	973.46	0.000219	3.28	3564.69	464.02	0.15
Reach-1	45420	10-50yrA	5330.00	956.28	969.46	963.87	969.65	0.000512	4.03	1828.81	431.33	0.22
Reach-1	45420	10-50yrB	6285.00	956.28	970.32	964.59	970.49	0.000440	3.95	2200.59	438.54	0.21
Reach-1	45370	Avg Annual	134.00	956.36	959.15	957.13	959.17	0.000211	1.09	122.50	50.54	0.12
Reach-1	45370	0.5-yr	1422.00	956.36	964.07	959.65	964.25	0.000653	3.40	418.72	69.89	0.24
Reach-1	45370	1-yr	1670.00	956.36	964.58	959.99	964.79	0.000705	3.67	454.70	71.00	0.26
Reach-1	45370	1.5-yr	1761.00	956.36	964.75	960.11	964.97	0.000737	3.77	467.28	72.30	0.26
Reach-1	45370	2-yr	2047.00	956.36	965.28	960.47	965.54	0.000902	4.03	509.42	92.36	0.28



Reach-1	45370	5-yr	3336.00	956.36	967.42	961.90	967.67	0.000687	4.17	910.88	316.03	0.26
Reach-1	45370	10-yr	4375.00	956.36	968.54	962.87	968.76	0.000513	3.92	1310.71	401.14	0.23
Reach-1	45370	50-yr	7239.00	956.36	972.07	965.44	972.21	0.000173	2.83	2882.33	455.70	0.14
Reach-1	45370	100-yr	8721.00	956.36	973.31	967.54	973.45	0.000147	2.77	3448.35	461.31	0.13
Reach-1	45370	10-50yrA	5330.00	956.36	969.43	963.66	969.63	0.000413	3.74	1693.11	443.68	0.21
Reach-1	45370	10-50yrB	6285.00	956.36	970.28	964.41	970.47	0.000335	3.56	2074.16	447.57	0.19
Reach-1	45320	Avg Annual	134.00	956.50	959.13	957.24	959.15	0.000373	1.24	107.93	46.14	0.14
Reach-1	45320	0.5-yr	1422.00	956.50	964.01	959.92	964.20	0.001042	3.52	404.05	77.32	0.27
Reach-1	45320	1-yr	1670.00	956.50	964.52	960.28	964.74	0.001110	3.76	444.48	80.86	0.28
Reach-1	45320	1.5-yr	1761.00	956.50	964.70	960.42	964.93	0.001133	3.84	458.85	82.09	0.29
Reach-1	45320	2-yr	2047.00	956.50	965.23	960.83	965.48	0.001191	4.07	503.10	85.55	0.30
Reach-1	45320	5-yr	3336.00	956.50	967.29	962.31	967.62	0.001153	4.63	843.13	316.03	0.32
Reach-1	45320	10-yr	4375.00	956.50	968.39	963.29	968.71	0.001061	4.81	1235.30	403.51	0.31
Reach-1	45320	50-yr	7239.00	956.50	972.03	965.41	972.19	0.000425	3.83	2840.64	452.04	0.20
Reach-1	45320	100-yr	8721.00	956.50	973.28	967.43	973.44	0.000372	3.82	3409.12	458.33	0.19
Reach-1	45320	10-50yrA	5330.00	956.50	969.29	964.08	969.59	0.000933	4.80	1616.59	439.52	0.29
Reach-1	45320	10-50yrB	6285.00	956.50	970.17	964.79	970.44	0.000787	4.67	2008.64	444.53	0.27
Reach-1	45270	Avg Annual	134.00	956.00	959.11	957.07	959.14	0.000253	1.18	113.69	46.17	0.13
Reach-1	45270	0.5-yr	1422.00	956.00	963.94	959.78	964.15	0.000880	3.73	381.05	64.60	0.27
Reach-1	45270	1-yr	1670.00	956.00	964.43	960.14	964.69	0.000966	4.04	413.56	66.45	0.29
Reach-1	45270	1.5-yr	1761.00	956.00	964.61	960.27	964.87	0.000997	4.14	424.96	67.09	0.29
Reach-1	45270	2-yr	2047.00	956.00	965.11	960.66	965.42	0.001084	4.45	461.78	89.23	0.30
Reach-1	45270	5-yr	3336.00	956.00	967.12	962.15	967.55	0.001273	5.34	752.17	195.55	0.33
Reach-1	45270	10-yr	4375.00	956.00	968.15	963.17	968.63	0.001598	5.83	998.59	317.68	0.36
Reach-1	45270	50-yr	7239.00	956.00	971.81	965.56	972.15	0.000496	3.35	2385.84	414.28	0.18
Reach-1	45270	100-yr	8721.00	956.00	973.03	967.18	973.39	0.000376	3.14	2897.69	426.47	0.16
Reach-1	45270	10-50yrA	5330.00	956.00	969.10	964.00	969.52	0.001512	5.32	1316.72	359.93	0.32
Reach-1	45270	10-50yrB	6285.00	956.00	969.94	964.75	970.37	0.001284	4.74	1629.09	387.60	0.28
Reach-1	45220	Avg Annual	134.00	955.58	959.11	956.62	959.12	0.000162	1.01	132.95	47.58	0.11
Reach-1	45220	0.5-yr	1422.00	955.58	963.92	959.36	964.11	0.000751	3.49	407.40	66.70	0.25
Reach-1	45220	1-yr	1670.00	955.58	964.41	959.72	964.63	0.000825	3.79	446.59	84.31	0.26
Reach-1	45220	1.5-yr	1761.00	955.58	964.58	959.85	964.82	0.000849	3.89	461.14	86.47	0.27
Reach-1	45220	2-yr	2047.00	955.58	965.09	960.24	965.36	0.000920	4.18	506.96	96.16	0.28
Reach-1	45220	5-yr	3336.00	955.58	967.10	961.73	967.47	0.001198	4.99	838.94	230.90	0.31
Reach-1	45220	10-yr	4375.00	955.58	968.10	962.76	968.55	0.001359	5.61	1077.71	267.33	0.33
Reach-1	45220	50-yr	7239.00	955.58	971.76	965.13	972.12	0.000874	5.41	2177.52	356.29	0.27
Reach-1	45220	100-yr	8721.00	955.58	973.01	966.92	973.37	0.000816	5.58	2628.84	367.89	0.27
Reach-1	45220	10-50yrA	5330.00	955.58	968.95	963.59	969.43	0.001406	5.95	1307.48	272.07	0.34
Reach-1	45220	10-50yrB	6285.00	955.58	969.79	964.40	970.30	0.001385	6.18	1538.90	276.05	0.34
Reach-1	45170	Avg Annual	134.00	955.90	959.11	956.70	959.12	0.000118	0.85	158.55	57.37	0.09
Reach-1	45170	0.5-yr	1422.00	955.90	963.91	959.00	964.06	0.000520	3.11	457.85	65.29	0.21
Reach-1	45170	1-yr	1670.00	955.90	964.41	959.32	964.59	0.000585	3.41	491.33	71.92	0.22
Reach-1	45170	1.5-yr	1761.00	955.90	964.58	959.43	964.77	0.000608	3.51	503.63	72.98	0.22
Reach-1	45170	2-yr	2047.00	955.90	965.08	959.77	965.31	0.000676	3.82	545.82	131.12	0.24
Reach-1	45170	5-yr	3336.00	955.90	967.09	961.07	967.39	0.001089	4.49	953.48	272.72	0.29
Reach-1	45170	10-yr	4375.00	955.90	968.10	961.97	968.45	0.001166	4.95	1236.35	300.63	0.30
Reach-1	45170	50-yr	7239.00	955.90	971.78	964.16	972.04	0.000713	4.70	2432.75	333.12	0.24

Reach-1	45170	100-yr	8721.00	955.90	973.02	966.38	973.30	0.000684	4.87	2850.37	338.40	0.24
Reach-1	45170	10-50yrA	5330.00	955.90	968.96	962.74	969.33	0.001179	5.23	1509.17	321.38	0.30
Reach-1	45170	10-50yrB	6285.00	955.90	969.82	963.48	970.19	0.001140	5.37	1785.29	325.67	0.30
Reach-1	45120	Avg Annual	134.00	956.48	959.08	957.34	959.11	0.000355	1.32	101.80	46.05	0.16
Reach-1	45120	0.5-yr	1422.00	956.48	963.78	959.99	964.02	0.001025	3.92	362.96	65.03	0.29
Reach-1	45120	1-yr	1670.00	956.48	964.26	960.35	964.54	0.001121	4.23	396.66	90.69	0.31
Reach-1	45120	1.5-yr	1761.00	956.48	964.42	960.49	964.72	0.001152	4.34	411.89	93.38	0.31
Reach-1	45120	2-yr	2047.00	956.48	964.92	960.87	965.25	0.001237	4.63	460.31	101.48	0.32
Reach-1	45120	5-yr	3336.00	956.48	966.92	962.34	967.31	0.001915	5.16	867.87	257.67	0.34
Reach-1	45120	10-yr	4375.00	956.48	967.96	963.34	968.37	0.001886	5.51	1136.65	262.02	0.35
Reach-1	45120	50-yr	7239.00	956.48	971.72	966.64	972.00	0.001022	4.96	2338.78	331.67	0.27
Reach-1	45120	100-yr	8721.00	956.48	972.97	967.33	973.25	0.000961	5.08	2758.13	338.10	0.26
Reach-1	45120	10-50yrA	5330.00	956.48	968.80	964.20	969.25	0.001923	5.86	1389.12	318.67	0.35
Reach-1	45120	10-50yrB	6285.00	956.48	969.68	965.85	970.11	0.001765	5.90	1670.99	322.57	0.34
Reach-1	45070	Avg Annual	134.00	956.50	959.06	957.40	959.09	0.000377	1.27	105.41	49.51	0.15
Reach-1	45070	0.5-yr	1422.00	956.50	963.75	959.91	963.96	0.000921	3.75	379.30	66.79	0.28
Reach-1	45070	1-yr	1670.00	956.50	964.22	960.24	964.48	0.001002	4.06	411.48	68.40	0.29
Reach-1	45070	1.5-yr	1761.00	956.50	964.39	960.36	964.66	0.001031	4.17	422.75	68.96	0.30
Reach-1	45070	2-yr	2047.00	956.50	964.88	960.72	965.19	0.001112	4.48	459.82	83.94	0.31
Reach-1	45070	5-yr	3336.00	956.50	966.80	962.14	967.23	0.001241	5.32	822.15	275.93	0.34
Reach-1	45070	10-yr	4375.00	956.50	967.80	963.10	968.28	0.001307	5.83	1099.10	278.98	0.35
Reach-1	45070	50-yr	7239.00	956.50	971.58	965.65	971.94	0.000794	5.49	2281.74	337.81	0.28
Reach-1	45070	100-yr	8721.00	956.50	972.84	967.23	973.20	0.000757	5.65	2709.13	344.36	0.28
Reach-1	45070	10-50yrA	5330.00	956.50	968.64	963.91	969.16	0.001334	6.19	1335.30	290.94	0.36
Reach-1	45070	10-50yrB	6285.00	956.50	969.48	964.63	970.02	0.001312	6.43	1589.14	311.64	0.36
Reach-1	45020	Avg Annual	134.00	956.92	959.03	957.68	959.06	0.000521	1.37	97.95	52.56	0.18
Reach-1	45020	0.5-yr	1422.00	956.92	963.70	960.02	963.92	0.000953	3.74	380.09	68.73	0.28
Reach-1	45020	1-yr	1670.00	956.92	964.17	960.34	964.43	0.001027	4.04	414.06	78.34	0.29
Reach-1	45020	1.5-yr	1761.00	956.92	964.34	960.46	964.60	0.001053	4.15	428.41	101.01	0.30
Reach-1	45020	2-yr	2047.00	956.92	964.83	960.80	965.13	0.001115	4.43	492.29	143.33	0.31
Reach-1	45020	5-yr	3336.00	956.92	966.82	962.16	967.13	0.001248	4.76	1051.82	368.10	0.31
Reach-1	45020	10-yr	4375.00	956.92	967.85	963.11	968.17	0.001203	4.97	1437.86	375.81	0.30
Reach-1	45020	50-yr	7239.00	956.92	971.67	966.41	971.85	0.000660	4.23	3041.63	465.34	0.22
Reach-1	45020	100-yr	8721.00	956.92	972.93	967.04	973.11	0.000605	4.26	3643.39	484.57	0.21
Reach-1	45020	10-50yrA	5330.00	956.92	968.72	963.89	969.03	0.001165	5.12	1767.61	392.00	0.30
Reach-1	45020	10-50yrB	6285.00	956.92	969.58	965.38	969.89	0.001101	5.19	2116.34	414.91	0.29
Reach-1	44970	Avg Annual	134.00	955.80	959.03	956.61	959.05	0.000132	0.89	150.66	54.50	0.09
Reach-1	44970	0.5-yr	1422.00	955.80	963.71	959.02	963.86	0.000591	3.18	457.50	104.77	0.22
Reach-1	44970	1-yr	1670.00	955.80	964.18	959.35	964.37	0.000653	3.45	515.90	143.26	0.24
Reach-1	44970	1.5-yr	1761.00	955.80	964.35	959.49	964.54	0.000672	3.53	540.19	148.86	0.24
Reach-1	44970	2-yr	2047.00	955.80	964.84	959.84	965.06	0.000721	3.77	616.78	160.80	0.25
Reach-1	44970	5-yr	3336.00	955.80	966.80	961.22	967.07	0.000811	4.36	1159.10	391.19	0.26
Reach-1	44970	10-yr	4375.00	955.80	967.83	962.17	968.11	0.000872	4.66	1566.17	401.08	0.27
Reach-1	44970	50-yr	7239.00	955.80	971.65	964.84	971.82	0.000509	4.07	3254.46	469.42	0.20
Reach-1	44970	100-yr	8721.00	955.80	972.91	965.75	973.08	0.000472	4.17	3850.74	476.69	0.20
Reach-1	44970	10-50yrA	5330.00	955.80	968.69	962.94	968.97	0.000896	4.83	1917.57	417.60	0.27
Reach-1	44970	10-50yrB	6285.00	955.80	969.56	963.79	969.83	0.000895	4.87	2290.53	442.08	0.26

Reach-1	44920	Avg Annual	134.00	956.64	959.01	957.31	959.04	0.000321	1.18	113.25	52.26	0.14
Reach-1	44920	0.5-yr	1422.00	956.64	963.62	959.71	963.82	0.000842	3.58	396.85	69.69	0.26
Reach-1	44920	1-yr	1670.00	956.64	964.09	960.04	964.32	0.000916	3.89	430.38	81.41	0.28
Reach-1	44920	1.5-yr	1761.00	956.64	964.25	960.16	964.49	0.000942	3.99	443.49	83.67	0.28
Reach-1	44920	2-yr	2047.00	956.64	964.72	960.51	965.01	0.001014	4.30	486.91	97.91	0.30
Reach-1	44920	5-yr	3336.00	956.64	966.59	961.89	967.00	0.001347	5.25	777.31	252.28	0.33
Reach-1	44920	10-yr	4375.00	956.64	967.54	962.84	968.03	0.001584	5.85	1045.74	313.08	0.35
Reach-1	44920	50-yr	7239.00	956.64	971.54	965.23	971.78	0.001091	4.64	2621.27	469.05	0.26
Reach-1	44920	100-yr	8721.00	956.64	972.82	966.80	973.04	0.000907	4.60	3233.13	482.96	0.24
Reach-1	44920	10-50yrA	5330.00	956.64	968.37	963.59	968.89	0.001683	6.16	1328.21	362.93	0.36
Reach-1	44920	10-50yrB	6285.00	956.64	969.25	964.33	969.75	0.001629	6.18	1654.83	373.96	0.35
Reach-1	44870	Avg Annual	134.00	957.20	958.98	957.81	959.01	0.000676	1.45	92.27	54.72	0.20
Reach-1	44870	0.5-yr	1422.00	957.20	963.56	960.07	963.78	0.000973	3.71	383.66	71.52	0.28
Reach-1	44870	1-yr	1670.00	957.20	964.02	960.38	964.27	0.001050	4.01	417.41	99.28	0.30
Reach-1	44870	1.5-yr	1761.00	957.20	964.18	960.49	964.44	0.001075	4.11	433.40	101.87	0.30
Reach-1	44870	2-yr	2047.00	957.20	964.66	960.83	964.96	0.001140	4.39	484.54	113.94	0.32
Reach-1	44870	5-yr	3336.00	957.20	966.56	962.12	966.92	0.001175	4.96	829.80	360.10	0.39
Reach-1	44870	10-yr	4375.00	957.20	967.55	963.02	967.93	0.001184	5.16	1208.04	395.86	0.37
Reach-1	44870	50-yr	7239.00	957.20	971.56	965.59	971.72	0.000446	3.81	4384.35	1334.21	0.21
Reach-1	44870	100-yr	8721.00	957.20	972.88	967.11	972.98	0.000317	3.40	6144.85	1344.36	0.18
Reach-1	44870	10-50yrA	5330.00	957.20	968.40	963.76	968.77	0.001132	5.24	1563.24	457.53	0.35
Reach-1	44870	10-50yrB	6285.00	957.20	969.29	964.84	969.64	0.001013	5.16	1979.20	474.30	0.33
Reach-1	44820	Avg Annual	134.00	957.19	958.94	957.85	958.98	0.000805	1.54	86.86	54.36	0.22
Reach-1	44820	0.5-yr	1422.00	957.19	963.51	960.13	963.73	0.001033	3.77	376.75	72.42	0.29
Reach-1	44820	1-yr	1670.00	957.19	963.96	960.44	964.22	0.001113	4.07	410.05	74.19	0.31
Reach-1	44820	1.5-yr	1761.00	957.19	964.12	960.55	964.39	0.001140	4.18	421.76	74.80	0.31
Reach-1	44820	2-yr	2047.00	957.19	964.59	960.88	964.90	0.001217	4.48	457.33	76.63	0.32
Reach-1	44820	5-yr	3336.00	957.19	966.38	962.18	966.83	0.003145	5.39	664.71	258.30	0.42
Reach-1	44820	10-yr	4375.00	957.19	967.35	963.08	967.83	0.002923	5.71	919.12	267.30	0.41
Reach-1	44820	50-yr	7239.00	957.19	971.49	965.25	971.68	0.000823	4.14	3463.48	1218.12	0.23
Reach-1	44820	100-yr	8721.00	957.19	972.84	967.15	972.96	0.000534	3.62	5106.56	1225.30	0.19
Reach-1	44820	10-50yrA	5330.00	957.19	968.19	963.83	968.68	0.002647	5.86	1147.90	274.16	0.39
Reach-1	44820	10-50yrB	6285.00	957.19	969.08	964.51	969.55	0.002324	5.88	1393.75	281.36	0.37
Reach-1	44770	Avg Annual	134.00	956.70	958.92	957.47	958.94	0.000432	1.28	104.99	54.43	0.16
Reach-1	44770	0.5-yr	1422.00	956.70	963.47	959.77	963.67	0.000901	3.63	391.69	71.57	0.27
Reach-1	44770	1-yr	1670.00	956.70	963.92	960.09	964.16	0.000984	3.94	424.32	73.26	0.29
Reach-1	44770	1.5-yr	1761.00	956.70	964.08	960.20	964.33	0.001013	4.04	435.79	73.81	0.29
Reach-1	44770	2-yr	2047.00	956.70	964.54	960.54	964.83	0.001088	4.34	486.52	129.07	0.31
Reach-1	44770	5-yr	3336.00	956.70	966.30	961.87	966.66	0.002638	4.96	818.23	298.39	0.37
Reach-1	44770	10-yr	4375.00	956.70	967.29	962.78	967.66	0.002498	5.15	1153.27	357.37	0.36
Reach-1	44770	50-yr	7239.00	956.70	971.50	965.97	971.63	0.000626	3.63	4126.59	1326.79	0.20
Reach-1	44770	100-yr	8721.00	956.70	972.84	966.79	972.93	0.000417	3.21	5908.87	1334.61	0.16
Reach-1	44770	10-50yrA	5330.00	956.70	968.17	963.54	968.53	0.002117	5.17	1471.02	365.18	0.34
Reach-1	44770	10-50yrB	6285.00	956.70	969.08	964.36	969.41	0.001768	5.12	1806.79	373.25	0.32
Reach-1	44720	Avg Annual	134.00	956.68	958.90	957.32	958.92	0.000355	1.21	110.87	53.60	0.15
Reach-1	44720	0.5-yr	1422.00	956.68	963.43	959.64	963.63	0.000876	3.59	396.58	71.84	0.27

Reach-1	44720	1-yr	1670.00	956.68	963.87	959.98	964.11	0.000959	3.89	429.02	73.44	0.28
Reach-1	44720	1.5-yr	1761.00	956.68	964.03	960.12	964.28	0.000988	4.00	440.41	74.00	0.29
Reach-1	44720	2-yr	2047.00	956.68	964.49	960.45	964.78	0.001089	4.29	518.27	234.99	0.30
Reach-1	44720	5-yr	3336.00	956.68	966.22	961.77	966.51	0.002308	4.55	1045.35	382.80	0.34
Reach-1	44720	10-yr	4375.00	956.68	967.25	962.68	967.51	0.002148	4.53	1466.08	431.06	0.32
Reach-1	44720	50-yr	7239.00	956.68	971.50	965.90	971.59	0.000504	3.10	4693.40	1305.35	0.17
Reach-1	44720	100-yr	8721.00	956.68	972.83	966.45	972.90	0.000354	2.81	6443.40	1315.14	0.14
Reach-1	44720	10-50yrA	5330.00	956.68	968.15	963.44	968.39	0.001750	4.47	1859.98	442.47	0.29
Reach-1	44720	10-50yrB	6285.00	956.68	969.07	965.62	969.29	0.001448	4.41	2298.09	479.24	0.27
Reach-1	44670	Avg Annual	134.00	955.20	958.91	955.86	958.91	0.000060	0.67	199.25	60.54	0.07
Reach-1	44670	0.5-yr	1422.00	955.20	963.45	958.13	963.57	0.000414	2.78	512.40	77.43	0.19
Reach-1	44670	1-yr	1670.00	955.20	963.91	958.44	964.05	0.000468	3.05	547.55	78.44	0.20
Reach-1	44670	1.5-yr	1761.00	955.20	964.06	958.56	964.22	0.000487	3.15	560.25	86.57	0.21
Reach-1	44670	2-yr	2047.00	955.20	964.53	958.89	964.71	0.000537	3.41	672.22	351.26	0.22
Reach-1	44670	5-yr	3336.00	955.20	966.21	960.21	966.43	0.000715	3.96	1346.72	450.63	0.24
Reach-1	44670	10-yr	4375.00	955.20	967.21	961.14	967.44	0.000717	4.24	1831.34	499.11	0.24
Reach-1	44670	50-yr	7239.00	955.20	971.47	963.29	971.57	0.000270	3.31	5283.82	1339.66	0.16
Reach-1	44670	100-yr	8721.00	955.20	972.81	965.56	972.89	0.000212	3.12	7080.38	1347.35	0.14
Reach-1	44670	10-50yrA	5330.00	955.20	968.11	961.91	968.33	0.000673	4.35	2283.01	509.24	0.24
Reach-1	44670	10-50yrB	6285.00	955.20	969.03	962.64	969.24	0.000616	4.41	2784.11	548.84	0.23
Reach-1	44620	Avg Annual	134.00	954.92	958.90	955.59	958.91	0.000050	0.64	208.78	59.03	0.06
Reach-1	44620	0.5-yr	1422.00	954.92	963.44	957.91	963.55	0.000372	2.67	646.86	211.28	0.18
Reach-1	44620	1-yr	1670.00	954.92	963.90	958.23	964.02	0.000415	2.88	748.85	236.93	0.19
Reach-1	44620	1.5-yr	1761.00	954.92	964.06	958.34	964.19	0.000429	2.95	786.96	245.83	0.19
Reach-1	44620	2-yr	2047.00	954.92	964.53	958.70	964.67	0.000479	3.15	926.46	339.22	0.20
Reach-1	44620	5-yr	3336.00	954.92	966.23	960.07	966.37	0.000853	3.35	1686.80	542.67	0.22
Reach-1	44620	10-yr	4375.00	954.92	967.24	961.01	967.38	0.000764	3.47	2240.90	550.78	0.21
Reach-1	44620	50-yr	7239.00	954.92	971.49	963.74	971.55	0.000258	2.67	5892.26	1387.03	0.13
Reach-1	44620	100-yr	8721.00	954.92	972.82	965.63	972.87	0.000201	2.52	7743.81	1392.63	0.12
Reach-1	44620	10-50yrA	5330.00	954.92	968.14	961.77	968.27	0.000686	3.53	2739.68	557.98	0.21
Reach-1	44620	10-50yrB	6285.00	954.92	969.07	962.92	969.19	0.000616	3.57	3281.32	590.73	0.20
Reach-1	44570	Avg Annual	134.00	954.94	958.90	955.91	958.91	0.000071	0.71	187.79	59.52	0.07
Reach-1	44570	0.5-yr	1422.00	954.94	963.42	958.28	963.53	0.000404	2.71	704.26	261.85	0.19
Reach-1	44570	1-yr	1670.00	954.94	963.88	958.62	964.00	0.000432	2.88	827.07	275.48	0.20
Reach-1	44570	1.5-yr	1761.00	954.94	964.04	958.74	964.16	0.000440	2.94	871.12	280.21	0.20
Reach-1	44570	2-yr	2047.00	954.94	964.51	959.06	964.65	0.000467	3.12	1011.85	322.93	0.21
Reach-1	44570	5-yr	3336.00	954.94	966.17	960.40	966.33	0.000564	3.66	1735.76	589.88	0.22
Reach-1	44570	10-yr	4375.00	954.94	967.18	961.34	967.35	0.000539	3.85	2339.42	602.67	0.22
Reach-1	44570	50-yr	7239.00	954.94	971.46	964.03	971.54	0.000198	3.00	6168.83	1398.39	0.14
Reach-1	44570	100-yr	8721.00	954.94	972.80	964.70	972.86	0.000158	2.85	8044.10	1407.48	0.13
Reach-1	44570	10-50yrA	5330.00	954.94	968.08	962.74	968.25	0.000499	3.94	2889.13	614.08	0.22
Reach-1	44570	10-50yrB	6285.00	954.94	969.01	963.51	969.17	0.000456	3.99	3485.77	649.03	0.21
Reach-1	44520	Avg Annual	199.00	955.90	958.88	957.37	958.90	0.000399	1.15	172.65	94.03	0.15
Reach-1	44520	0.5-yr	2120.00	955.90	963.40	959.56	963.51	0.000586	2.87	1380.49	971.66	0.22
Reach-1	44520	1-yr	2489.00	955.90	963.87	959.84	963.97	0.000512	2.82	1851.99	1003.13	0.20
Reach-1	44520	1.5-yr	2625.00	955.90	964.04	959.94	964.13	0.000489	2.80	2017.93	1011.57	0.20
Reach-1	44520	2-yr	3052.00	955.90	964.53	960.24	964.61	0.000434	2.77	2529.19	1092.84	0.19

Reach-1	44520	5-yr	4972.00	955.90	966.22	961.50	966.28	0.000323	2.66	4605.50	1292.35	0.17
Reach-1	44520	10-yr	6521.00	955.90	967.24	963.36	967.30	0.000284	2.72	5926.91	1303.58	0.16
Reach-1	44520	50-yr	10790.00	955.90	971.49	964.32	971.52	0.000112	2.22	11638.45	1366.07	0.11
Reach-1	44520	100-yr	13000.00	955.90	972.81	964.86	972.85	0.000104	2.29	13456.36	1374.51	0.11
Reach-1	44520	10-50yrA	7944.00	955.90	968.14	963.78	968.20	0.000254	2.74	7109.92	1313.55	0.16
Reach-1	44520	10-50yrB	9367.00	955.90	969.07	964.07	969.12	0.000226	2.75	8357.39	1350.71	0.15
Reach-1	44468	Avg Annual	199.00	957.00	958.40	958.40	958.80	0.022915	5.08	39.18	49.16	1.00
Reach-1	44468	0.5-yr	2120.00	957.00	963.19	961.17	963.44	0.001985	4.37	922.15	813.95	0.38
Reach-1	44468	1-yr	2489.00	957.00	963.75	961.55	963.92	0.001407	3.93	1388.80	884.39	0.32
Reach-1	44468	1.5-yr	2625.00	957.00	963.93	961.72	964.09	0.001269	3.81	1552.27	920.28	0.31
Reach-1	44468	2-yr	3052.00	957.00	964.45	962.71	964.58	0.000994	3.58	2062.66	1037.34	0.28
Reach-1	44468	5-yr	4972.00	957.00	966.18	963.60	966.26	0.000556	3.17	4045.04	1250.56	0.22
Reach-1	44468	10-yr	6521.00	957.00	967.21	963.86	967.28	0.000445	3.12	5337.29	1263.35	0.20
Reach-1	44468	50-yr	10790.00	957.00	971.48	964.84	971.51	0.000148	2.42	10900.72	1324.66	0.12
Reach-1	44468	100-yr	13000.00	957.00	972.81	965.22	972.84	0.000135	2.48	12664.37	1332.77	0.12
Reach-1	44468	10-50yrA	7944.00	957.00	968.12	964.37	968.18	0.000376	3.09	6491.20	1274.66	0.19
Reach-1	44468	10-50yrB	9367.00	957.00	969.05	964.65	969.11	0.000321	3.06	7705.28	1309.85	0.18
Reach-1	44418	Avg Annual	199.00	956.00	957.85	957.19	957.94	0.003070	2.48	80.24	64.61	0.39
Reach-1	44418	0.5-yr	2120.00	956.00	963.14	959.80	963.36	0.001056	4.00	984.37	842.98	0.29
Reach-1	44418	1-yr	2489.00	956.00	963.69	960.14	963.87	0.000891	3.81	1465.71	924.65	0.27
Reach-1	44418	1.5-yr	2625.00	956.00	963.87	960.26	964.04	0.000841	3.74	1635.46	951.28	0.26
Reach-1	44418	2-yr	3052.00	956.00	964.40	960.63	964.53	0.000710	3.57	2153.55	997.90	0.24
Reach-1	44418	5-yr	4972.00	956.00	966.15	963.31	966.24	0.000471	3.33	4180.73	1300.83	0.20
Reach-1	44418	10-yr	6521.00	956.00	967.18	963.78	967.26	0.000393	3.29	5534.18	1310.76	0.19
Reach-1	44418	50-yr	10790.00	956.00	971.47	964.78	971.50	0.000140	2.52	11280.31	1367.58	0.12
Reach-1	44418	100-yr	13000.00	956.00	972.80	964.98	972.83	0.000129	2.57	13101.55	1374.11	0.12
Reach-1	44418	10-50yrA	7944.00	956.00	968.10	964.30	968.17	0.000339	3.25	6737.51	1319.53	0.18
Reach-1	44418	10-50yrB	9367.00	956.00	969.03	964.57	969.10	0.000292	3.19	7978.83	1335.03	0.17
Reach-1	44218	Avg Annual	199.00	954.81	957.42	956.53	957.60	0.001061	3.37	59.03	34.62	0.45
Reach-1	44218	0.5-yr	2120.00	954.81	962.68	960.21	963.17	0.000688	5.69	435.24	163.07	0.43
Reach-1	44218	1-yr	2489.00	954.81	963.12	960.58	963.67	0.000720	6.06	522.10	224.96	0.45
Reach-1	44218	1.5-yr	2625.00	954.81	963.27	960.72	963.84	0.000730	6.18	556.44	229.44	0.45
Reach-1	44218	2-yr	3052.00	954.81	963.72	961.15	964.34	0.000750	6.50	663.97	242.96	0.46
Reach-1	44218	5-yr	4972.00	954.81	965.39	963.29	966.06	0.000703	7.27	1540.27	764.45	0.46
Reach-1	44218	10-yr	6521.00	954.81	966.62	964.08	967.13	0.000517	6.88	2495.33	785.85	0.41
Reach-1	44218	50-yr	10790.00	954.81	971.29	966.39	971.46	0.000147	4.86	6254.67	823.90	0.23
Reach-1	44218	100-yr	13000.00	954.81	972.62	966.90	972.79	0.000136	4.97	7360.72	834.07	0.23
Reach-1	44218	10-50yrA	7944.00	954.81	967.64	965.58	968.06	0.000414	6.62	3301.87	794.17	0.37
Reach-1	44218	10-50yrB	9367.00	954.81	968.65	966.07	969.00	0.000338	6.38	4108.93	802.40	0.34
Reach-1	43958	Avg Annual	199.00	953.50	957.35	955.38	957.43	0.000312	2.29	86.96	35.15	0.26
Reach-1	43958	0.5-yr	2120.00	953.50	962.76	959.65	962.96	0.000324	4.07	960.57	347.28	0.30
Reach-1	43958	1-yr	2489.00	953.50	963.23	960.28	963.45	0.000331	4.28	1147.39	429.79	0.30
Reach-1	43958	1.5-yr	2625.00	953.50	963.39	960.43	963.61	0.000331	4.33	1218.59	457.38	0.30
Reach-1	43958	2-yr	3052.00	953.50	963.86	960.84	964.10	0.000337	4.53	1466.75	591.21	0.31
Reach-1	43958	5-yr	4972.00	953.50	965.58	962.26	965.81	0.000300	4.85	2799.20	1033.26	0.30
Reach-1	43958	10-yr	6521.00	953.50	966.74	963.06	966.94	0.000246	4.81	4093.35	1149.53	0.28
Reach-1	43958	50-yr	10790.00	953.50	971.33	964.91	971.40	0.000073	3.41	9455.94	1187.03	0.16

Reach-1	43958	100-yr	13000.00	953.50	972.67	965.63	972.74	0.000067	3.48	11047.57	1197.94	0.16
Reach-1	43958	10-50yrA	7944.00	953.50	967.74	963.41	967.91	0.000199	4.62	5246.89	1157.70	0.25
Reach-1	43958	10-50yrB	9367.00	953.50	968.74	964.51	968.88	0.000163	4.46	6404.41	1165.84	0.23
Reach-1	39618	Avg Annual	199.00	953.10	957.00	954.72	957.01	0.000043	0.93	212.88	77.98	0.10
Reach-1	39618	0.5-yr	2120.00	953.10	961.90	957.11	962.05	0.000143	3.22	868.03	272.71	0.21
Reach-1	39618	1-yr	2489.00	953.10	962.29	957.44	962.47	0.000159	3.52	981.03	299.85	0.22
Reach-1	39618	1.5-yr	2625.00	953.10	962.43	957.56	962.62	0.000165	3.62	1022.49	309.63	0.23
Reach-1	39618	2-yr	3052.00	953.10	962.83	957.91	963.05	0.000181	3.92	1153.57	338.69	0.24
Reach-1	39618	5-yr	4972.00	953.10	964.42	959.32	964.71	0.000217	4.83	1773.77	426.40	0.27
Reach-1	39618	10-yr	6521.00	953.10	965.64	960.67	965.95	0.000210	5.14	2302.94	437.88	0.27
Reach-1	39618	50-yr	10790.00	953.10	970.86	963.03	971.04	0.000093	4.42	4788.90	557.06	0.19
Reach-1	39618	100-yr	13000.00	953.10	972.19	964.14	972.39	0.000093	4.67	5579.64	621.42	0.20
Reach-1	39618	10-50yrA	7944.00	953.10	966.72	961.62	967.03	0.000199	5.32	2781.96	448.02	0.27
Reach-1	39618	10-50yrB	9367.00	953.10	967.81	962.36	968.11	0.000184	5.43	3272.88	458.17	0.26
Reach-1	39520	Avg Annual	199.00	955.10	956.95	956.25	957.00	0.000495	1.85	107.68	90.00	0.30
Reach-1	39520	0.5-yr	2120.00	955.10	961.79	958.32	962.02	0.000292	3.90	543.21	90.00	0.28
Reach-1	39520	1-yr	2489.00	955.10	962.15	958.61	962.44	0.000335	4.32	575.85	90.00	0.30
Reach-1	39520	1.5-yr	2625.00	955.10	962.27	958.72	962.58	0.000350	4.47	586.90	90.00	0.31
Reach-1	39520	2-yr	3052.00	955.10	962.63	959.04	963.01	0.000400	4.93	619.17	90.00	0.33
Reach-1	39520	5-yr	4972.00	955.10	963.93	960.31	964.64	0.000617	6.76	735.99	90.00	0.42
Reach-1	39520	10-yr	6521.00	955.10	964.87	961.19	965.85	0.000757	7.95	820.35	90.00	0.46
Reach-1	39520	50-yr	10790.00	955.10	969.89	963.39	970.94	0.000518	8.30	1486.73	228.75	0.39
Reach-1	39520	100-yr	13000.00	955.10	971.05	964.40	972.27	0.000567	9.04	1783.58	281.06	0.41
Reach-1	39520	10-50yrA	7944.00	955.10	965.68	961.98	966.91	0.000861	8.89	893.78	90.00	0.50
Reach-1	39520	10-50yrB	9367.00	955.10	966.51	962.70	967.97	0.000934	9.67	968.80	90.00	0.52
Reach-1	39503		Bridge									
Reach-1	39486	Avg Annual	199.00	955.10	956.93	956.25	956.98	0.000522	1.88	105.96	90.00	0.31
Reach-1	39486	0.5-yr	2120.00	955.10	961.77	958.33	962.01	0.000294	3.91	542.24	90.00	0.28
Reach-1	39486	1-yr	2489.00	955.10	962.14	958.62	962.43	0.000337	4.33	574.71	90.00	0.30
Reach-1	39486	1.5-yr	2625.00	955.10	962.26	958.73	962.57	0.000353	4.48	585.71	90.00	0.31
Reach-1	39486	2-yr	3052.00	955.10	962.61	959.04	962.99	0.000403	4.94	617.79	90.00	0.33
Reach-1	39486	5-yr	4972.00	955.10	963.90	960.31	964.62	0.000623	6.78	733.72	90.00	0.42
Reach-1	39486	10-yr	6521.00	955.10	964.83	961.19	965.82	0.000765	7.98	817.47	90.00	0.47
Reach-1	39486	50-yr	10790.00	955.10	967.38	963.39	969.03	0.000978	10.31	1054.04	115.97	0.53
Reach-1	39486	100-yr	13000.00	955.10	968.98	964.40	970.78	0.000942	10.82	1297.28	187.89	0.52
Reach-1	39486	10-50yrA	7944.00	955.10	965.64	961.98	966.88	0.000871	8.92	890.41	90.00	0.50
Reach-1	39486	10-50yrB	9367.00	955.10	966.47	962.70	967.94	0.000945	9.71	965.07	90.00	0.52
Reach-1	39408	Avg Annual	199.00	954.19	956.90	955.32	956.95	0.000258	1.90	104.48	51.17	0.23
Reach-1	39408	0.5-yr	2120.00	954.19	961.67	958.68	961.97	0.000592	4.46	475.79	121.63	0.40
Reach-1	39408	1-yr	2489.00	954.19	962.03	959.08	962.38	0.000654	4.77	522.12	132.79	0.42
Reach-1	39408	1.5-yr	2625.00	954.19	962.16	959.22	962.53	0.000656	4.87	539.57	143.83	0.42
Reach-1	39408	2-yr	3052.00	954.19	962.53	959.63	962.95	0.000664	5.19	599.35	176.49	0.43
Reach-1	39408	5-yr	4972.00	954.19	963.94	961.41	964.53	0.000675	6.27	933.49	299.37	0.45
Reach-1	39408	10-yr	6521.00	954.19	965.04	962.29	965.66	0.000591	6.57	1345.52	451.91	0.44
Reach-1	39408	50-yr	10790.00	954.19	968.19	964.45	968.62	0.000306	6.06	3185.29	628.45	0.33
Reach-1	39408	100-yr	13000.00	954.19	969.97	965.24	970.31	0.000215	5.66	4350.20	683.93	0.29



Reach-1	39408	10-50yrA	7944.00	954.19	966.05	963.05	966.63	0.000492	6.57	1876.30	589.79	0.41
Reach-1	39408	10-50yrB	9367.00	954.19	967.09	963.74	967.60	0.000393	6.36	2506.63	613.45	0.37
Reach-1	39108	Avg Annual	199.00	953.50	956.90	954.60	956.91	0.000044	0.94	210.94	78.80	0.10
Reach-1	39108	0.5-yr	2120.00	953.50	961.66	957.05	961.85	0.000172	3.50	605.87	91.92	0.23
Reach-1	39108	1-yr	2489.00	953.50	962.01	957.37	962.25	0.000201	3.91	635.77	93.53	0.25
Reach-1	39108	1.5-yr	2625.00	953.50	962.13	957.50	962.39	0.000212	4.06	646.05	95.55	0.26
Reach-1	39108	2-yr	3052.00	953.50	962.49	957.84	962.80	0.000247	4.51	676.22	101.46	0.28
Reach-1	39108	5-yr	4972.00	953.50	963.74	959.22	964.37	0.000401	6.35	783.02	122.41	0.37
Reach-1	39108	10-yr	6521.00	953.50	964.55	960.22	965.46	0.000522	7.66	851.48	163.32	0.43
Reach-1	39108	50-yr	10790.00	953.50	967.33	962.48	968.44	0.000561	8.70	1614.15	286.66	0.45
Reach-1	39108	100-yr	13000.00	953.50	969.13	963.54	970.16	0.000453	8.59	2162.78	322.68	0.41
Reach-1	39108	10-50yrA	7944.00	953.50	965.45	961.00	966.43	0.000594	8.01	1117.12	223.42	0.45
Reach-1	39108	10-50yrB	9367.00	953.50	966.31	961.76	967.40	0.000609	8.52	1332.25	266.27	0.46
Reach-1	39010	Avg Annual	199.00	954.30	956.86	955.77	956.90	0.000296	1.68	118.66	77.85	0.24
Reach-1	39010	0.5-yr	2120.00	954.30	961.52	958.18	961.82	0.000363	4.39	482.47	78.39	0.31
Reach-1	39010	1-yr	2489.00	954.30	961.84	958.49	962.21	0.000427	4.90	507.49	78.43	0.34
Reach-1	39010	1.5-yr	2625.00	954.30	961.94	958.62	962.35	0.000451	5.09	516.00	78.44	0.35
Reach-1	39010	2-yr	3052.00	954.30	962.26	958.95	962.75	0.000527	5.65	540.61	78.48	0.38
Reach-1	39010	5-yr	4972.00	954.30	963.28	960.36	964.28	0.000908	8.01	621.02	78.59	0.50
Reach-1	39010	10-yr	6521.00	954.30	963.83	961.35	965.32	0.001270	9.82	663.92	78.66	0.60
Reach-1	39010	50-yr	10790.00	954.30	964.88	963.74	968.12	0.002422	14.45	746.66	78.78	0.83
Reach-1	39010	100-yr	13000.00	954.30	966.14	964.82	969.81	0.002399	15.36	846.21	78.92	0.83
Reach-1	39010	10-50yrA	7944.00	954.30	964.19	962.17	966.23	0.001655	11.47	692.54	78.70	0.68
Reach-1	39010	10-50yrB	9367.00	954.30	964.49	962.98	967.15	0.002078	13.09	715.80	78.73	0.76
Reach-1	38988		Bridge									
Reach-1	38966	Avg Annual	199.00	954.30	956.85	955.77	956.89	0.000305	1.69	117.57	77.85	0.24
Reach-1	38966	0.5-yr	2120.00	954.30	961.50	958.18	961.80	0.000367	4.41	481.07	78.39	0.31
Reach-1	38966	1-yr	2489.00	954.30	961.81	958.50	962.19	0.000432	4.92	505.81	78.42	0.34
Reach-1	38966	1.5-yr	2625.00	954.30	961.92	958.61	962.33	0.000456	5.10	514.22	78.44	0.35
Reach-1	38966	2-yr	3052.00	954.30	962.23	958.95	962.73	0.000534	5.67	538.49	78.47	0.38
Reach-1	38966	5-yr	4972.00	954.30	963.23	960.36	964.24	0.000927	8.06	616.80	78.59	0.51
Reach-1	38966	10-yr	6521.00	954.30	963.74	961.35	965.27	0.001312	9.93	656.98	78.65	0.61
Reach-1	38966	50-yr	10790.00	954.30	963.74	963.74	967.93	0.003584	16.41	657.44	78.65	1.00
Reach-1	38966	100-yr	13000.00	954.30	964.82	964.82	969.59	0.003580	17.51	742.24	78.77	1.01
Reach-1	38966	10-50yrA	7944.00	954.30	964.04	962.17	966.15	0.001746	11.67	680.53	78.68	0.70
Reach-1	38966	10-50yrB	9367.00	954.30	964.20	962.98	967.03	0.002294	13.51	693.16	78.70	0.80
Reach-1	38568	Avg Annual	199.00	953.87	956.74	955.04	956.79	0.000211	1.73	114.90	56.00	0.21
Reach-1	38568	0.5-yr	2120.00	953.87	961.34	958.29	961.64	0.000415	4.51	578.38	269.95	0.35
Reach-1	38568	1-yr	2489.00	953.87	961.65	958.64	962.01	0.000465	4.90	669.48	314.20	0.37
Reach-1	38568	1.5-yr	2625.00	953.87	961.76	958.77	962.13	0.000482	5.03	704.05	329.44	0.38
Reach-1	38568	2-yr	3052.00	953.87	962.08	959.16	962.49	0.000522	5.38	817.26	378.55	0.39
Reach-1	38568	5-yr	4972.00	953.87	963.28	961.09	963.80	0.000572	6.39	1409.18	603.77	0.43
Reach-1	38568	10-yr	6521.00	953.87	964.10	962.31	964.64	0.000561	6.81	1966.19	739.52	0.44
Reach-1	38568	50-yr	10790.00	953.87	965.79	964.00	966.32	0.000513	7.42	3242.99	772.25	0.42
Reach-1	38568	100-yr	13000.00	953.87	966.67	964.59	967.17	0.000463	7.48	3926.18	789.20	0.41
Reach-1	38568	10-50yrA	7944.00	953.87	964.83	962.97	965.33	0.000502	6.84	2510.73	753.65	0.41

Reach-1	38568	10-50yrB	9367.00	953.87	965.51	963.50	965.97	0.000457	6.87	3024.36	766.74	0.40
Reach-1	37588	Avg Annual	222.00	952.80	956.54	955.03	956.58	0.000216	1.59	139.98	79.35	0.21
Reach-1	37588	0.5-yr	2364.00	952.80	960.97	957.78	961.26	0.000365	4.40	674.14	460.20	0.33
Reach-1	37588	1-yr	2775.00	952.80	961.23	958.13	961.57	0.000414	4.81	797.52	474.88	0.35
Reach-1	37588	1.5-yr	2926.00	952.80	961.32	958.25	961.68	0.000430	4.94	841.48	477.78	0.36
Reach-1	37588	2-yr	3402.00	952.80	961.61	958.61	962.01	0.000470	5.31	978.02	486.66	0.37
Reach-1	37588	5-yr	5543.00	952.80	962.74	960.05	963.25	0.000553	6.37	1559.14	532.25	0.42
Reach-1	37588	10-yr	7270.00	952.80	963.56	961.88	964.10	0.000554	6.85	1998.12	544.27	0.42
Reach-1	37588	50-yr	12028.00	952.80	964.99	963.24	965.72	0.000674	8.42	2794.50	565.43	0.48
Reach-1	37588	100-yr	14492.00	952.80	965.87	963.76	966.61	0.000641	8.71	3293.51	578.29	0.48
Reach-1	37588	10-50yrA	8856.00	952.80	964.25	962.43	964.81	0.000545	7.17	2378.39	554.47	0.43
Reach-1	37588	10-50yrB	10442.00	952.80	964.91	962.89	965.48	0.000531	7.43	2745.41	564.15	0.43
Reach-1	37238	Avg Annual	222.00	952.60	956.53	954.00	956.54	0.000038	0.82	271.20	113.98	0.09
Reach-1	37238	0.5-yr	2364.00	952.60	961.05	956.51	961.14	0.000100	2.55	1425.10	715.31	0.18
Reach-1	37238	1-yr	2775.00	952.60	961.32	956.80	961.43	0.000113	2.79	1633.38	793.32	0.19
Reach-1	37238	1.5-yr	2926.00	952.60	961.42	956.91	961.53	0.000117	2.87	1710.95	820.47	0.19
Reach-1	37238	2-yr	3402.00	952.60	961.71	957.19	961.84	0.000129	3.10	1963.12	903.13	0.20
Reach-1	37238	5-yr	5543.00	952.60	962.87	958.40	963.03	0.000152	3.72	3098.29	991.10	0.23
Reach-1	37238	10-yr	7270.00	952.60	963.70	959.30	963.86	0.000154	3.99	3917.68	996.87	0.23
Reach-1	37238	50-yr	12028.00	952.60	965.19	961.68	965.41	0.000186	4.86	5416.07	1007.34	0.26
Reach-1	37238	100-yr	14492.00	952.60	966.07	962.40	966.29	0.000180	5.04	6305.62	1013.50	0.26
Reach-1	37238	10-50yrA	8856.00	952.60	964.40	960.41	964.56	0.000153	4.18	4615.93	1001.77	0.24
Reach-1	37238	10-50yrB	10442.00	952.60	965.06	961.17	965.23	0.000150	4.33	5280.69	1006.40	0.24
Reach-1	36688	Avg Annual	222.00	952.70	956.51	953.76	956.52	0.000041	0.91	244.25	92.53	0.10
Reach-1	36688	0.5-yr	2364.00	952.70	961.05	956.60	961.08	0.000055	1.89	3240.29	1547.46	0.13
Reach-1	36688	1-yr	2775.00	952.70	961.33	956.90	961.36	0.000058	2.00	3682.74	1587.27	0.14
Reach-1	36688	1.5-yr	2926.00	952.70	961.43	957.02	961.46	0.000059	2.03	3839.49	1601.13	0.14
Reach-1	36688	2-yr	3402.00	952.70	961.73	957.38	961.76	0.000061	2.13	4324.65	1643.30	0.14
Reach-1	36688	5-yr	5543.00	952.70	962.90	959.17	962.94	0.000062	2.37	6302.55	1682.90	0.14
Reach-1	36688	10-yr	7270.00	952.70	963.73	959.82	963.77	0.000060	2.49	7699.42	1683.73	0.15
Reach-1	36688	50-yr	12028.00	952.70	965.25	960.79	965.30	0.000070	2.99	10248.88	1685.25	0.16
Reach-1	36688	100-yr	14492.00	952.70	966.13	961.16	966.18	0.000067	3.08	11739.29	1686.13	0.16
Reach-1	36688	10-50yrA	8856.00	952.70	964.44	960.21	964.48	0.000059	2.59	8882.10	1684.44	0.15
Reach-1	36688	10-50yrB	10442.00	952.70	965.10	960.52	965.14	0.000057	2.66	10002.23	1685.10	0.14
Reach-1	35213	Avg Annual	222.00	951.76	956.42	953.15	956.44	0.000063	1.27	174.34	53.85	0.12
Reach-1	35213	0.5-yr	2364.00	951.76	960.94	957.18	960.98	0.000086	2.33	3026.31	1444.68	0.16
Reach-1	35213	1-yr	2775.00	951.76	961.22	958.55	961.26	0.000086	2.39	3435.21	1446.09	0.16
Reach-1	35213	1.5-yr	2926.00	951.76	961.32	958.81	961.36	0.000086	2.41	3577.60	1446.59	0.16
Reach-1	35213	2-yr	3402.00	951.76	961.62	959.20	961.66	0.000086	2.48	4011.79	1448.09	0.16
Reach-1	35213	5-yr	5543.00	951.76	962.80	960.09	962.84	0.000083	2.70	5727.73	1454.00	0.17
Reach-1	35213	10-yr	7270.00	951.76	963.63	960.43	963.67	0.000080	2.83	6939.85	1458.16	0.17
Reach-1	35213	50-yr	12028.00	951.76	965.13	961.06	965.18	0.000095	3.41	9123.42	1465.63	0.18
Reach-1	35213	100-yr	14492.00	951.76	966.01	961.31	966.07	0.000091	3.52	10427.50	1470.11	0.18
Reach-1	35213	10-50yrA	8856.00	951.76	964.34	960.62	964.38	0.000078	2.94	7968.23	1461.68	0.17
Reach-1	35213	10-50yrB	10442.00	951.76	965.00	960.90	965.05	0.000076	3.03	8944.28	1465.02	0.17
Reach-1	0	Avg Annual	222.00	948.30	948.73	948.73	948.94	0.007594	3.68	60.34	166.56	0.99

Reach-1	0	0.5-yr	2364.00	948.30	950.35	950.35	951.40	0.004879	8.22	287.51	263.34	1.01
Reach-1	0	1-yr	2775.00	948.30	950.59	950.59	951.75	0.004637	8.62	321.84	268.06	1.01
Reach-1	0	1.5-yr	2926.00	948.30	950.68	950.68	951.87	0.004547	8.75	334.36	269.78	1.00
Reach-1	0	2-yr	3402.00	948.30	950.94	950.94	952.25	0.004393	9.19	370.33	274.72	1.00
Reach-1	0	5-yr	5543.00	948.30	951.94	951.94	953.76	0.004031	10.82	512.19	294.17	1.00
Reach-1	0	10-yr	7270.00	948.30	952.66	952.66	954.84	0.003853	11.85	613.32	308.01	1.00
Reach-1	0	50-yr	12028.00	948.30	954.01	954.01	955.63	0.002559	11.44	1531.60	389.44	0.85
Reach-1	0	100-yr	14492.00	948.30	954.11	954.11	956.36	0.003485	13.51	1570.22	393.75	0.99
Reach-1	0	10-50yrA	8856.00	948.30	953.28	953.28	955.75	0.003684	12.61	702.20	320.16	1.00
Reach-1	0	10-50yrB	10442.00	948.30	953.87	953.87	956.62	0.003572	13.31	784.77	331.42	1.00

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**Exhibits**

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**Exhibit I**

Thermal Oxidizer and Associated  
Facilities Demolition

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**Exhibit II**

Building 68 Area Removal Action



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**Exhibit III**

City Recreational Area  
Remediation

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**Exhibit IV**

60s Complex Building Demolition  
(Completed and Ongoing/Future  
Building Demolition)

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**Exhibit V**

Upper ½-Mile Reach Removal  
Action

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**Exhibit VI**

Newell Street Area I Removal  
Action

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**Exhibit VII**

Newell Street Area II Removal  
Action

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**Exhibit VIII**

Lyman Street Area Removal  
Action



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**Exhibit IX**

Portion of 1½-Mile Reach  
Removal Action (Lyman Street to  
Elm Street)

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**Exhibit X**

East Street Area 2-South Removal  
Action

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**Exhibit XI**

*Hydraulic Modeling Analysis of  
Flood Conditions in the ½-Mile  
Reach of Housatonic River*

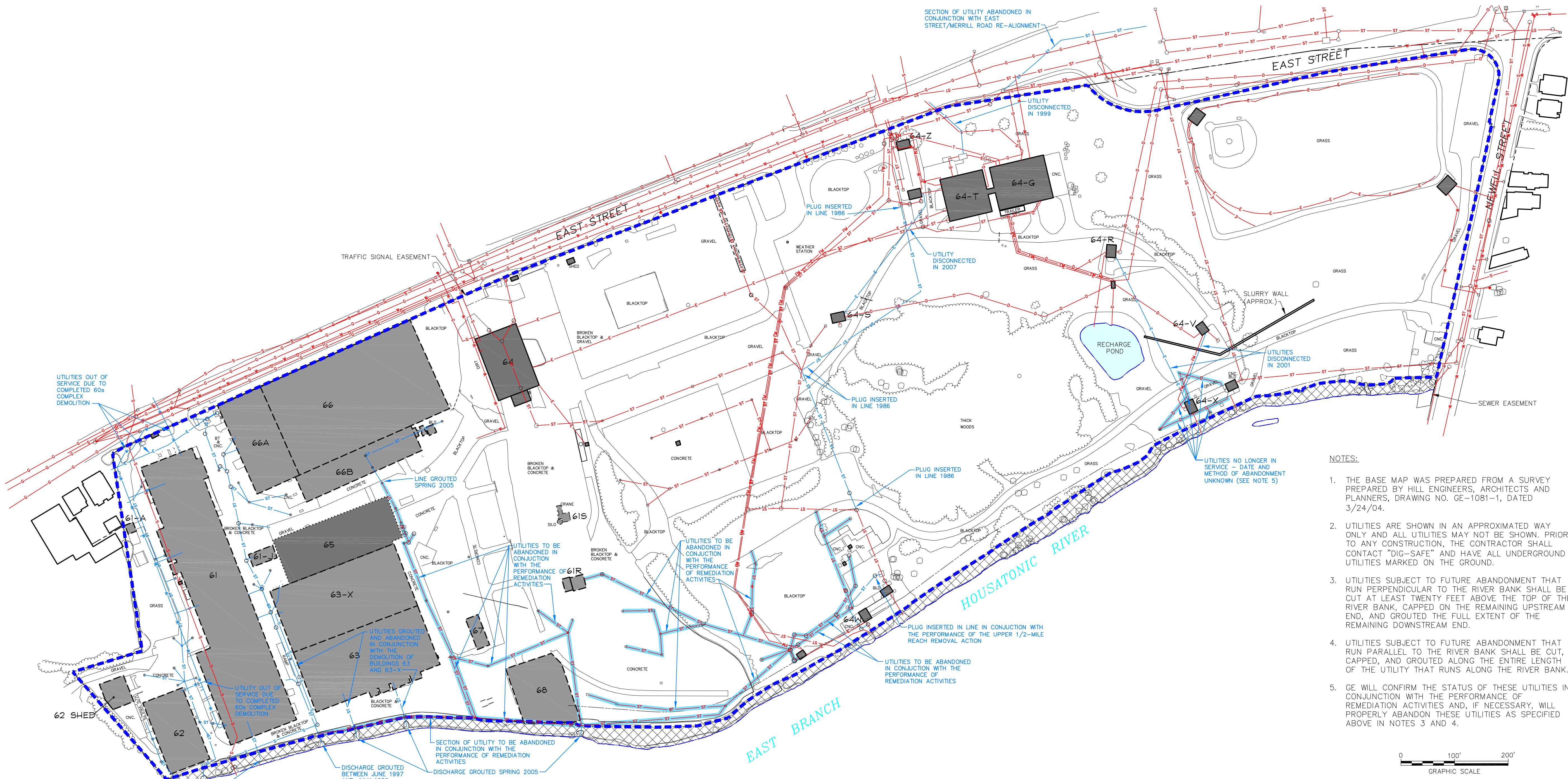
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**Attachment E**

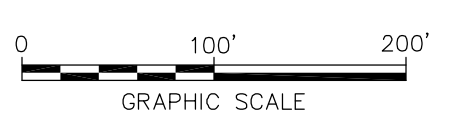
Revised Utility Mapping for East  
Street Area 2-South



CITY: SYR DIV/GROUP: 141 DB: DMW/LAF/DMW LD: DMW PIC: (Opt) PM: (Revd) TM: (Opt) Lyr: (Opt) OFF: REF-FRZ'N  
 G:\GEN\CAD\DWG\SYR\ACUSE\ACT\N\B01011100000005\DWG\2ND ADD\10111G02.DWG LAYOUT: E-1 SAVED: 4/21/2009 10:34 AM ACADVER: 17.0S (LMS TECH) PAGES: 17.0S (LMS TECH) PLOTSETUP: ... PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 4/21/2009 10:51 AM BY: WODARCZYK DAVID  
 XREFS: 10111X85 10111X00  
 IMAGES: PROJECTNAME: ...



- NOTES:
1. THE BASE MAP WAS PREPARED FROM A SURVEY PREPARED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. GE-1081-1, DATED 3/24/04.
  2. UTILITIES ARE SHOWN IN AN APPROXIMATED WAY ONLY AND ALL UTILITIES MAY NOT BE SHOWN. PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL CONTACT "DIG-SAFE" AND HAVE ALL UNDERGROUND UTILITIES MARKED ON THE GROUND.
  3. UTILITIES SUBJECT TO FUTURE ABANDONMENT THAT RUN PERPENDICULAR TO THE RIVER BANK SHALL BE CUT AT LEAST TWENTY FEET ABOVE THE TOP OF THE RIVER BANK, CAPPED ON THE REMAINING UPSTREAM END, AND GROUDED THE FULL EXTENT OF THE REMAINING DOWNSTREAM END.
  4. UTILITIES SUBJECT TO FUTURE ABANDONMENT THAT RUN PARALLEL TO THE RIVER BANK SHALL BE CUT, CAPPED, AND GROUDED ALONG THE ENTIRE LENGTH OF THE UTILITY THAT RUNS ALONG THE RIVER BANK.
  5. GE WILL CONFIRM THE STATUS OF THESE UTILITIES IN CONJUNCTION WITH THE PERFORMANCE OF REMEDIATION ACTIVITIES AND, IF NECESSARY, WILL PROPERLY ABANDON THESE UTILITIES AS SPECIFIED ABOVE IN NOTES 3 AND 4.



LEGEND	
	APPROXIMATE REMOVAL ACTION AREA BOUNDARY
	PROPERTY LINE
	EASEMENT LINE
	EDGE OF WATER
	TREELINE
	SHRUB
	AREA ADDRESSED AS PART OF BUILDING 68 REMOVAL ACTION OR 1/2-MILE REACH REMOVAL ACTION
	BUILDING
	DEMOLISHED BUILDING
	BUILDING SUBJECT TO FUTURE DEMOLITION
	CATCH BASIN
	MANHOLE
	GAS LINE
	SANITARY SEWER
	STORM SEWER
	WATER LINE
	DRAIN LINE
	ELECTRIC LINE
	FORCE MAIN
	TELEPHONE LINE
	SANITARY SEWER (NO LONGER IN SERVICE)
	STORM SEWER (NO LONGER IN SERVICE)
	WATER LINE (NO LONGER IN SERVICE)
	DRAIN LINE (NO LONGER IN SERVICE)
	ELECTRIC LINE (NO LONGER IN SERVICE)
	UTILITY SUBJECT TO FUTURE ABANDONMENT (SEE NOTES 3 AND 4)

GENERAL ELECTRIC COMPANY  
 PITTSFIELD, MASSACHUSETTS  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA  
 WORK PLAN FOR EAST STREET AREA 2-SOUTH**

**UTILITY LOCATION MAP**



FIGURE  
**E-1**







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**Attachment F**

Revised PCB Spatial Averaging  
Evaluation Tables and Polygon  
Maps for Utility Corridors 4, 17,  
and 19

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Utility Corridor 4

**TABLE F-1  
UTILITY CORRIDOR 4  
EXISTING CONDITIONS**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2-SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**1- TO 2-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-04	19, 19A	1,007	1 - 2	3.8	37.28	3.80	141.66
RAA4-E16	22	2,698	1 - 2	0.0385	99.92	0.04	3.85
RAA4-F23S	16	3,315	1 - 2	570	122.77	570.00	69,979.96
RAA4-F25	20	2,403	1 - 2	520	89.00	520.00	46,278.84
RAA4-F27	18	1,229	1 - 2	3,900	45.50	3,900.00	177,455.78
RAA4-F28	24	1,180	1 - 2	1,900	43.70	1,900.00	83,030.00
RAA4-G18N	21	4,242	1 - 2	47	157.11	47.00	7,384.14
RAA4-G20	17	3,244	1 - 2	20.1	120.13	20.10	2,414.67
Y-26	23	898	1 - 2	0.36	33.26	0.36	11.97
<b>Totals:</b>	--	20,214	--	--	748.67	--	386,700.87
<b>Volume-Weighted Average:</b>							<b>516.51</b>

**2- TO 4-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-04	19, 19A	1,007	2 - 4	390	74.56	390.00	29,076.96
RAA4-E16	22	2,698	2 - 4	0.0385	199.84	0.04	7.69
RAA4-F23S	16	3,315	2 - 4	570	245.54	570.00	139,959.91
RAA4-F25	20	2,403	2 - 4	520	178.00	520.00	92,557.69
RAA4-F27	18	1,229	2 - 4	3,900	91.00	3,900.00	354,911.56
RAA4-F28	24	1,180	2 - 4	1,900	87.40	1,900.00	166,060.00
RAA4-G18N	21	4,242	2 - 4	47	314.22	47.00	14,768.27
RAA4-G20	17	3,244	2 - 4	20.1	240.27	20.10	4,829.35
Y-26	23	898	2 - 4	0.365	66.53	0.37	24.28
<b>Totals:</b>	--	20,214	--	--	1,497.35	--	802,195.70
<b>Volume-Weighted Average:</b>							<b>535.75</b>

**4- TO 6-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-E16	19	2,698	4 - 6	0.0385	199.84	0.04	7.69
RAA4-F23S	15	3,315	4 - 6	570	245.54	570.00	139,959.91
RAA4-F25	17	2,574	4 - 6	520	190.69	520.00	99,156.30
RAA4-F27	16	2,064	4 - 6	3,900	152.88	3,900.00	596,246.44
RAA4-F28	21	1,180	4 - 6	1,900	87.40	1,900.00	166,060.00
RAA4-G18N	18	4,242	4 - 6	47	314.22	47.00	14,768.27
RAA4-G20	14	3,244	4 - 6	20.1	240.27	20.10	4,829.35
Y-26	20	898	4 - 6	<b>0.025</b>	66.53	0.03	1.66
<b>Totals:</b>	--	20,214	--	--	1,497.36	--	1,021,029.62
<b>Volume-Weighted Average:</b>							<b>681.89</b>

**SUMMARY: 1- TO 6-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
<b>Totals:</b>	--	20,214	1 - 6	--	3,743.38	--	2,209,926.19
<b>Volume-Weighted Average:</b>							<b>590.36</b>

**Notes:**

1. Polygon ID and area based on information shown on Figures F-1 and F-2.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE F-2  
UTILITY CORRIDOR 4  
POST-REMEDATION CONDITIONS**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2-SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**1- TO 2-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-04	19	835	1 - 2	<b>0.021</b>	30.93	0.02	0.65
95-04	19A	171	1 - 2	0.0385	6.34	0.04	0.24
RAA4-E16	22	2,698	1 - 2	0.0385	99.92	0.04	3.85
RAA4-F23S	16	3,315	1 - 2	570	122.77	570.00	69,979.96
RAA4-F25	20	2,403	1 - 2	520	89.00	520.00	46,278.84
RAA4-F27	18	1,229	1 - 2	<b>0.021</b>	45.50	0.02	0.96
RAA4-F28	24	1,180	1 - 2	<b>0.021</b>	43.70	0.02	0.92
RAA4-G18N	21	4,242	1 - 2	47	157.11	47.00	7,384.14
RAA4-G20	17	3,244	1 - 2	20.1	120.13	20.10	2,414.67
Y-26	23	898	1 - 2	0.36	33.26	0.36	11.97
<b>Totals:</b>	--	20,214	--	--	748.67	--	126,076.20
<b>Volume-Weighted Average:</b>							<b>168.40</b>

**2- TO 4-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-04	19	835	2 - 4	<b>0.021</b>	61.87	0.02	1.30
95-04	19A	171	2 - 4	390	12.69	390.00	4,948.96
RAA4-E16	22	2,698	2 - 4	0.0385	199.84	0.04	7.69
RAA4-F23S	16	3,315	2 - 4	570	245.54	570.00	139,959.91
RAA4-F25	20	2,403	2 - 4	520	178.00	520.00	92,557.69
RAA4-F27	18	1,229	2 - 4	<b>0.021</b>	91.00	0.02	1.91
RAA4-F28	24	1,180	2 - 4	<b>0.021</b>	87.40	0.02	1.84
RAA4-G18N	21	4,242	2 - 4	47	314.22	47.00	14,768.27
RAA4-G20	17	3,244	2 - 4	20.1	240.27	20.10	4,829.35
Y-26	23	898	2 - 4	0.365	66.53	0.37	24.28
<b>Totals:</b>	--	20,214	--	--	1,497.35	--	257,101.19
<b>Volume-Weighted Average:</b>							<b>171.70</b>

**4- TO 6-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-E16	19	2,698	4 - 6	0.0385	199.84	0.04	7.69
RAA4-F23S	15	3,315	4 - 6	570	245.54	570.00	139,959.91
RAA4-F25	17	2,574	4 - 6	520	190.69	520.00	99,156.30
RAA4-F27	16	2,064	4 - 6	<b>0.021</b>	152.88	0.02	3.21
RAA4-F28	21	1,180	4 - 6	<b>0.021</b>	87.40	0.02	1.84
RAA4-G18N	18	4,242	4 - 6	47	314.22	47.00	14,768.27
RAA4-G20	14	3,244	4 - 6	20.1	240.27	20.10	4,829.35
Y-26	20	898	4 - 6	<b>0.025</b>	66.53	0.03	1.66
<b>Totals:</b>	--	20,214	--	--	1,497.36	--	258,728.23
<b>Volume-Weighted Average:</b>							<b>172.79</b>

**SUMMARY: 1- TO 6-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
<b>Totals:</b>	--	20,214	1 - 6	--	3,743.38	--	641,905.62
<b>Volume-Weighted Average:</b>							<b>171.48</b>

**Notes:**

1. Polygon ID and area based on information shown on Figures F-1 and F-2.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation. The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.







ARCADIS

Utility Corridor 17

**TABLE F-3  
UTILITY CORRIDOR 17  
EXISTING CONDITIONS**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2-SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**1- TO 2-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-C25	47	1,890	1 - 2	0.044	70.01	0.04	3.08
RAA4-C25N	50	247	1 - 2	0.02	9.13	0.02	0.18
RAA4-D26	51	2,105	1 - 2	0.088	77.95	0.09	6.86
RAA4-D26S	52	1,260	1 - 2	19	46.66	19.00	886.56
RAA4-E27	48, 48A	2,197	1 - 2	770	81.36	770.00	62,650.91
RAA4-E29	67	498	1 - 2	85	18.43	85.00	1,566.86
RAA4-F28	49, 49A, 49B, 49C, 49D, 49E	3,172	1 - 2	1,900	117.49	1,900.00	223,221.85
RAA4-G27E	53	2,579	1 - 2	480	95.50	480.00	45,840.36
RAA4-H27	54	2,199	1 - 2	891	81.46	891.00	72,580.86
RAA4-H27S	55	1,288	1 - 2	330	47.71	330.00	15,743.44
RAA4-H28S	57	2,896	1 - 2	260	107.24	260.00	27,882.79
RAA4-I27	56	1,085	1 - 2	58	40.18	58.00	2,330.20
RAA4-I31	58	2,734	1 - 2	0.56	101.24	0.56	56.69
RAA4-K31	46	1,970	1 - 2	230	72.96	230.00	16,781.74
SL0014	63	358	1 - 1.5	4.5	13.25	4.50	59.61
SL0015	60	31	1 - 1.5	159	1.16	159.00	185.09
SL0017	59	330	1 - 1.5	58.5	12.23	58.50	715.37
SL0342	61, 62	475	1 - 1.5	16	17.59	16.00	281.42
X-6	66, 68	1,260	1 - 2	2.2	46.67	2.20	102.68
<b>Totals:</b>	--	28,572	--	--	1,058.22	--	470,896.55
<b>Volume-Weighted Average:</b>							<b>444.99</b>

**2- TO 3-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-02	60	1,879	2 - 3	0.81	69.58	0.81	56.36
RAA4-C25	49	1,890	2 - 3	0.044	70.01	0.04	3.08
RAA4-C25N	52	247	2 - 3	0.02	9.13	0.02	0.18
RAA4-D26	53	2,105	2 - 3	0.088	77.95	0.09	6.86
RAA4-D26S	54	1,260	2 - 3	19	46.66	19.00	886.56
RAA4-E27	50, 50A	2,197	2 - 3	770	81.36	770.00	62,650.91
RAA4-E29	70	498	2 - 3	85	18.43	85.00	1,566.86
RAA4-F28	51, 51A, 51B, 51C, 51D, 51E	3,172	2 - 3	1,900	117.49	1,900.00	223,221.85
RAA4-G27E	55	2,579	2 - 3	480	95.50	480.00	45,840.36
RAA4-H27	56	2,199	2 - 3	891	81.46	891.00	72,580.86
RAA4-H27S	57	1,288	2 - 3	330	47.71	330.00	15,743.44
RAA4-H28S	59	1,786	2 - 3	260	66.16	260.00	17,201.31
RAA4-I27	58	1,085	2 - 3	58	40.18	58.00	2,330.20
RAA4-I31	61	1,964	2 - 3	0.56	72.75	0.56	40.74
RAA4-K31	48	1,970	2 - 3	230	72.96	230.00	16,781.74
SL0014	66	358	2 - 2.5	1.34	13.25	1.34	17.75
SL0015	63	31	2 - 2.5	283	1.16	283.00	329.43
SL0017	62	330	2 - 2.5	73	12.23	73.00	892.68
SL0342	64, 65	475	2 - 2.5	10	17.59	10.00	175.89
X-6	69, 71	1,260	2 - 3	77	46.67	77.00	3,593.93
<b>Totals:</b>	--	28,572	--	--	1,058.22	--	463,921.00
<b>Volume-Weighted Average:</b>							<b>438.40</b>

**3- TO 4-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-02	48	1,879	3 - 4	0.81	69.58	0.81	56.36
RAA4-C25	37	1,890	3 - 4	0.044	70.01	0.04	3.08
RAA4-C25N	40	247	3 - 4	0.02	9.13	0.02	0.18
RAA4-D26	41	2,105	3 - 4	0.088	77.95	0.09	6.86

**TABLE F-3  
UTILITY CORRIDOR 17  
EXISTING CONDITIONS**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2-SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**3- TO 4-FOOT DEPTH INCREMENT (continued)**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-D26S	42	1,260	3 - 4	19	46.66	19.00	886.56
RAA4-E27	38, 38A	2,197	3 - 4	770	81.36	770.00	62,650.91
RAA4-E29	52	498	3 - 4	85	18.43	85.00	1,566.86
RAA4-F28	39, 39A, 39B, 39C, 39D, 39E	3,172	3 - 4	1,900	117.49	1,900.00	223,221.85
RAA4-G27E	43	2,579	3 - 4	480	95.50	480.00	45,840.36
RAA4-H27	44	2,199	3 - 4	891	81.46	891.00	72,580.86
RAA4-H27S	45	1,288	3 - 4	330	47.71	330.00	15,743.44
RAA4-H28S	47	1,786	3 - 4	260	66.16	260.00	17,201.31
RAA4-I27	46	1,085	3 - 4	58	40.18	58.00	2,330.20
RAA4-I31	49	1,964	3 - 4	0.56	72.75	0.56	40.74
RAA4-K31	35, 36	3,164	3 - 4	220	117.19	220.00	25,781.88
X-6	51, 53	1,260	3 - 4	77	46.67	77.00	3,593.93
<b>Totals:</b>	--	28,572	--	--	1,058.22	--	471,505.39
<b>Volume-Weighted Average:</b>							<b>445.56</b>

**4- TO 6-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-02	48	1,879	4 - 6	0.14	139.15	0.14	19.48
RAA4-C25	37	1,890	4 - 6	0.044	140.02	0.04	6.16
RAA4-C25N	40	247	4 - 6	<b>0.02</b>	18.26	0.02	0.37
RAA4-D26	41	2,105	4 - 6	0.088	155.89	0.09	13.72
RAA4-D26S	42	1,260	4 - 6	19	93.32	19.00	1,773.12
RAA4-E27	38, 38A	2,197	4 - 6	770	162.73	770.00	125,301.81
RAA4-E29	52	498	4 - 6	85	36.87	85.00	3,133.73
RAA4-F28	39, 39A, 39B, 39C, 39D, 39E	3,172	4 - 6	1,900	234.97	1,900.00	446,443.70
RAA4-G27E	43	2,579	4 - 6	480	191.00	480.00	91,680.71
RAA4-H27	44	2,199	4 - 6	891	162.92	891.00	145,161.72
RAA4-H27S	45	1,288	4 - 6	330	95.41	330.00	31,486.89
RAA4-H28S	47	1,786	4 - 6	260	132.32	260.00	34,402.62
RAA4-I27	46	1,085	4 - 6	58	80.35	58.00	4,660.41
RAA4-I31	49	1,964	4 - 6	0.56	145.49	0.56	81.48
RAA4-K31	35, 36	3,164	4 - 6	220	234.38	220.00	51,563.76
X-6	51, 53	1,260	4 - 6	38.8	93.35	38.80	3,621.94
<b>Totals:</b>	--	28,572	--	--	2,116.44	--	939,351.62
<b>Volume-Weighted Average:</b>							<b>443.84</b>

**SUMMARY: 1- TO 6-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
<b>Totals:</b>	--	28,572	1 - 6	--	5,291.10	--	2,345,674.56
<b>Volume-Weighted Average:</b>							<b>443.32</b>

**Notes:**

1. Polygon ID and area based on information shown on Figures F-3 through F-5.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE F-4  
UTILITY CORRIDOR 17  
POST-REMEDATION CONDITIONS**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2-SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**1- TO 2-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA4-C25	47	1,890	1 - 2	0.044	70.01	0.04	3.08
RAA4-C25N	50	247	1 - 2	0.02	9.13	0.02	0.18
RAA4-D26	51	2,105	1 - 2	0.088	77.95	0.09	6.86
RAA4-D26S	52	1,260	1 - 2	19	46.66	19.00	886.56
RAA4-E27	48A	3	1 - 2	0.021	0.10	0.02	0.00
RAA4-E27	48	2,194	1 - 2	770	81.26	770.00	62,572.20
RAA4-E29	67	498	1 - 2	85	18.43	85.00	1,566.86
RAA4-F28	49B	1,945	1 - 2	0.021	72.03	0.02	1.51
RAA4-F28	49, 49A, 49C, 49D, 49E	1,227	1 - 2	1,900	45.46	1,900.00	86,366.96
RAA4-G27E	53	2,579	1 - 2	480	95.50	480.00	45,840.36
RAA4-H27	54	2,199	1 - 2	891	81.46	891.00	72,580.86
RAA4-H27S	55	1,288	1 - 2	330	47.71	330.00	15,743.44
RAA4-H28S	57	2,896	1 - 2	260	107.24	260.00	27,882.79
RAA4-I27	56	1,085	1 - 2	58	40.18	58.00	2,330.20
RAA4-I31	58	2,734	1 - 2	0.56	101.24	0.56	56.69
RAA4-K31	46	1,970	1 - 2	230	72.96	230.00	16,781.74
SL0014	63	358	1 - 1.5	4.5	13.25	4.50	59.61
SL0015	60	31	1 - 1.5	159	1.16	159.00	185.09
SL0017	59	330	1 - 1.5	58.5	12.23	58.50	715.37
SL0342	61, 62	475	1 - 1.5	16	17.59	16.00	281.42
X-6	66, 68	1,260	1 - 2	2.2	46.67	2.20	102.68
<b>Totals:</b>	--	28,572	--	--	1,058.22	--	333,964.46
<b>Volume-Weighted Average:</b>							<b>315.59</b>

**2- TO 3-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-02	60	1,879	2 - 3	0.81	69.58	0.81	56.36
RAA4-C25	49	1,890	2 - 3	0.044	70.01	0.04	3.08
RAA4-C25N	52	247	2 - 3	0.02	9.13	0.02	0.18
RAA4-D26	53	2,105	2 - 3	0.088	77.95	0.09	6.86
RAA4-D26S	54	1,260	2 - 3	19	46.66	19.00	886.56
RAA4-E27	50A	3	2 - 3	0.021	0.10	0.02	0.00
RAA4-E27	50	2,194	2 - 3	770	81.26	770.00	62,572.20
RAA4-E29	70	498	2 - 3	85	18.43	85.00	1,566.86
RAA4-F28	51E	1,945	2 - 3	0.021	72.03	0.02	1.51
RAA4-F28	51, 51A, 51B, 51C, 51D	1,227	2 - 3	1,900	45.46	1,900.00	86,366.96
RAA4-G27E	55	2,579	2 - 3	480	95.50	480.00	45,840.36
RAA4-H27	56	2,199	2 - 3	891	81.46	891.00	72,580.86
RAA4-H27S	57	1,288	2 - 3	330	47.71	330.00	15,743.44
RAA4-H28S	59	1,786	2 - 3	260	66.16	260.00	17,201.31
RAA4-I27	58	1,085	2 - 3	58	40.18	58.00	2,330.20
RAA4-I31	61	1,964	2 - 3	0.56	72.75	0.56	40.74
RAA4-K31	48	1,970	2 - 3	230	72.96	230.00	16,781.74
SL0014	66	358	2 - 2.5	1.34	13.25	1.34	17.75
SL0015	63	31	2 - 2.5	283	1.16	283.00	329.43
SL0017	62	330	2 - 2.5	73	12.23	73.00	892.68
SL0342	64, 65	475	2 - 2.5	10	17.59	10.00	175.89
X-6	69, 71	1,260	2 - 3	77	46.67	77.00	3,593.93
<b>Totals:</b>	--	28,572	--	--	1,058.22	--	326,988.91
<b>Volume-Weighted Average:</b>							<b>309.00</b>

**TABLE F-4  
UTILITY CORRIDOR 17  
POST-REMEDATION CONDITIONS**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2-SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**3- TO 4-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-02	48	1,879	3 - 4	0.81	69.58	0.81	56.36
RAA4-C25	37	1,890	3 - 4	0.044	70.01	0.04	3.08
RAA4-C25N	40	247	3 - 4	<b>0.02</b>	9.13	0.02	0.18
RAA4-D26	41	2,105	3 - 4	0.088	77.95	0.09	6.86
RAA4-D26S	42	1,260	3 - 4	19	46.66	19.00	886.56
RAA4-E27	38A	3	3 - 4	<b>0.021</b>	0.10	0.02	0.00
RAA4-E27	38	2,194	3 - 4	770	81.26	770.00	62,572.20
RAA4-E29	52	498	3 - 4	85	18.43	85.00	1,566.86
RAA4-F28	39E	1,945	3 - 4	<b>0.021</b>	72.03	0.02	1.51
RAA4-F28	39, 39A, 39B, 39C, 39D	1,227	3 - 4	1,900	45.46	1,900.00	86,366.96
RAA4-G27E	43	2,579	3 - 4	480	95.50	480.00	45,840.36
RAA4-H27	44	2,199	3 - 4	891	81.46	891.00	72,580.86
RAA4-H27S	45	1,288	3 - 4	330	47.71	330.00	15,743.44
RAA4-H28S	47	1,786	3 - 4	260	66.16	260.00	17,201.31
RAA4-I27	46	1,085	3 - 4	58	40.18	58.00	2,330.20
RAA4-I31	49	1,964	3 - 4	0.56	72.75	0.56	40.74
RAA4-K31	35, 36	3,164	3 - 4	220	117.19	220.00	25,781.88
X-6	51, 53	1,260	3 - 4	77	46.67	77.00	3,593.93
<b>Totals:</b>	--	28,572	--	--	1,058.22	--	334,573.31
<b>Volume-Weighted Average:</b>							<b>316.17</b>

**4- TO 6-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-02	48	1,879	4 - 6	0.14	139.15	0.14	19.48
RAA4-C25	37	1,890	4 - 6	0.044	140.02	0.04	6.16
RAA4-C25N	40	247	4 - 6	<b>0.02</b>	18.26	0.02	0.37
RAA4-D26	41	2,105	4 - 6	0.088	155.89	0.09	13.72
RAA4-D26S	42	1,260	4 - 6	19	93.32	19.00	1,773.12
RAA4-E27	38A	3	4 - 6	<b>0.021</b>	0.20	0.02	0.00
RAA4-E27	38	2,194	4 - 6	770	162.53	770.00	125,144.39
RAA4-E29	52	498	4 - 6	85	36.87	85.00	3,133.73
RAA4-F28	39E	1,945	4 - 6	<b>0.021</b>	144.06	0.02	3.03
RAA4-F28	39, 39A, 39B, 39C, 39D	1,227	4 - 6	1,900	90.91	1,900.00	172,733.93
RAA4-G27E	43	2,579	4 - 6	480	191.00	480.00	91,680.71
RAA4-H27	44	2,199	4 - 6	891	162.92	891.00	145,161.72
RAA4-H27S	45	1,288	4 - 6	330	95.41	330.00	31,486.89
RAA4-H28S	47	1,786	4 - 6	260	132.32	260.00	34,402.62
RAA4-I27	46	1,085	4 - 6	58	80.35	58.00	4,660.41
RAA4-I31	49	1,964	4 - 6	0.56	145.49	0.56	81.48
RAA4-K31	35, 36	3,164	4 - 6	220	234.38	220.00	51,563.76
X-6	51, 53	1,260	4 - 6	38.8	93.35	38.80	3,621.94
<b>Totals:</b>	--	28,572	--	--	2,116.44	--	665,487.45
<b>Volume-Weighted Average:</b>							<b>314.44</b>

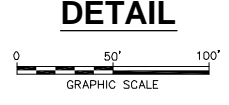
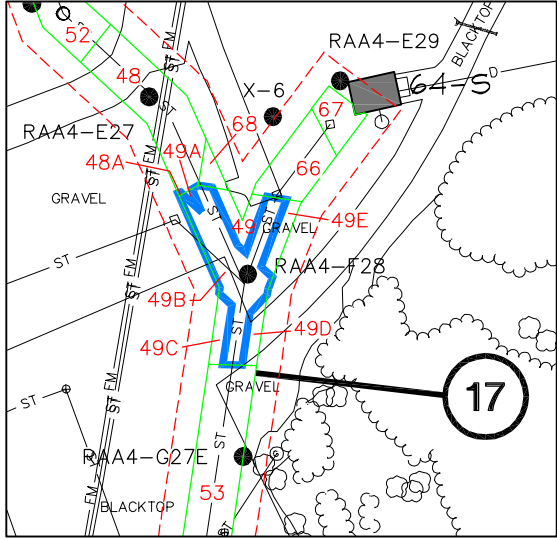
**SUMMARY: 1- TO 6-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
<b>Totals:</b>	--	28,572	1 - 6	--	5,291.10	--	1,661,014.13
<b>Volume-Weighted Average:</b>							<b>313.93</b>

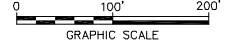
**Notes:**

- Polygon ID and area based on information shown on Figures F-3 through F-5.
- Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
- For instances where a duplicate sample was available, the average of the samples was included in table.
- All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
- Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation. The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

CITY: SYR DIV/GROUP: 85 DB: DMW LD: DMW PIC: (Opt) PM: (Read) TM: (Opt) Lyr: (Option) = OFF - REF  
 G:\GEN\ENVCAD\SYR\ACUSEACT\101110000000005\DWG\3\2ND ADD\10111G23.DWG LAYOUT: F-3 SAVED: 4/21/2009 11:35 AM ACADVER: 17.05 (LMS TECH) PAGESETUP: --- PLOTSTYLETABLE: PLT\FULL.CTB PLOTTED: 4/21/2009 11:35 AM BY: WODARCZYK, DAVID  
 XREFS: 10111X55 10111X00 10111X07  
 IMAGES: PROJECTNAME: ---



- NOTES:
1. THE BASE MAP WAS PREPARED FROM A SURVEY PREPARED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. GE-1081-1, DATED 3/24/04.
  2. UTILITIES ARE SHOWN IN AN APPROXIMATED WAY ONLY AND ALL UTILITIES MAY NOT BE SHOWN. PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL CONTACT "DIG-SAFE" AND HAVE ALL UNDERGROUND UTILITIES MARKED ON THE GROUND.



LEGEND	
	APPROXIMATE REMOVAL ACTION AREA BOUNDARY
	PROPERTY LINE
	EASEMENT LINE
	EDGE OF WATER
	TREELINE
	SHRUB
	AREA ADDRESSED AS PART OF BUILDING 68 REMOVAL ACTION OR 1/2-MILE REACH REMOVAL ACTION
	BUILDING
	DEMOLISHED BUILDING
	BUILDING SUBJECT TO FUTURE DEMOLITION
	CATCH BASIN
	MANHOLE
	GAS LINE
	SANITARY SEWER
	STORM SEWER
	WATER LINE
	DRAIN LINE
	ELECTRIC LINE
	FORCE MAIN
	TELEPHONE LINE
	50' WIDE CORRIDOR USED TO DETERMINE WHICH SAMPLES ARE INCLUDED IN UTILITY CORRIDOR EVALUATIONS
	RAA4-K31 SOIL BORING LOCATION (1- FOOT OR GREATER SAMPLE DEPTH)
	SL0342 EXISTING RIVER BANK SOIL SAMPLE
	UTILITY CORRIDOR ID
	HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THIESSEN POLYGON APPROACH
	POLYGON ID
	AREA PROPOSED FOR SOIL REMOVAL

GENERAL ELECTRIC COMPANY  
 PITTSFIELD, MASSACHUSETTS  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA  
 WORK PLAN FOR EAST STREET AREA 2-SOUTH**

**THIESSEN POLYGON MAP  
 1- TO 2-FOOT DEPTH INCREMENT  
 UTILITY CORRIDOR 17**



FIGURE  
**F-3**



CITY: SYR DIV/GROUP: 85 DB: DMW LD: DMW PIC: (Opt) PM: (Read) TM: (Opt) LY: (Option) = OFF-REF  
 G:\GEN\ENVCAD\SYR\AC\ACT\W00101110000000005\DWG\3\2ND ADD\10111G24.DWG LAYOUT: F-4 SAVED: 4/21/2009 11:37 AM ACADVER: 17.05 (LMS TECH) PAGES: 17.05 (LMS TECH) PAGES: 17.05 (LMS TECH) PAGES: 17.05 (LMS TECH) PAGES: 17.05 (LMS TECH) PAGES: 17.05 (LMS TECH)  
 XREFS: 10111X55 10111X00 10111X07  
 PROJECTNAME:



**DETAIL**

0 50' 100'

GRAPHIC SCALE

**NOTES:**

1. THE BASE MAP WAS PREPARED FROM A SURVEY PREPARED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. GE-1081-1, DATED 3/24/04.
2. UTILITIES ARE SHOWN IN AN APPROXIMATED WAY ONLY AND ALL UTILITIES MAY NOT BE SHOWN. PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL CONTACT "DIG-SAFE" AND HAVE ALL UNDERGROUND UTILITIES MARKED ON THE GROUND.

0 100' 200'

GRAPHIC SCALE

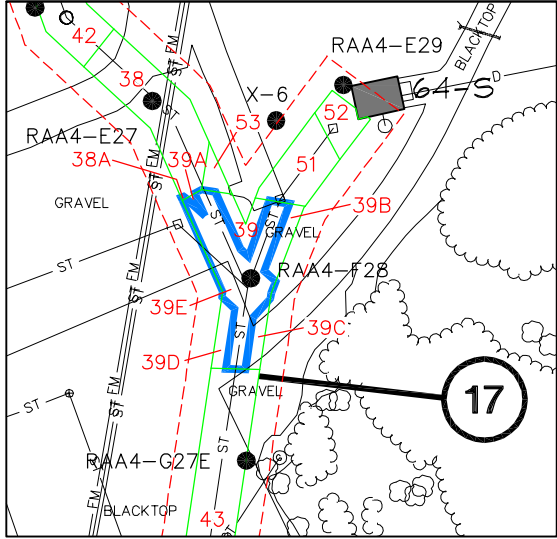
**LEGEND**

- |   |                                       |   |                                |
|---|---------------------------------------|---|--------------------------------|
| APPROXIMATE REMOVAL ACTION AREA BOUNDARY  | BUILDING SUBJECT TO FUTURE DEMOLITION | 50' WIDE CORRIDOR USED TO DETERMINE WHICH SAMPLES ARE INCLUDED IN UTILITY CORRIDOR EVALUATIONS        | AREA PROPOSED FOR SOIL REMOVAL |
| PROPERTY LINE   | CATCH BASIN                           | RAA4-K31 SOIL BORING LOCATION (1- FOOT OR GREATER SAMPLE DEPTH)                                       |                                |
| EASEMENT LINE   | MANHOLE                               | SL0342 EXISTING RIVER BANK SOIL SAMPLE  |                                |
| EDGE OF WATER   | GAS LINE                              | UTILITY CORRIDOR ID   |                                |
| TREELINE  | SANITARY SEWER                        | HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THIESSEN POLYGON APPROACH |                                |
| SHRUB   | STORM SEWER                           | POLYGON ID  |                                |
| AREA ADDRESSED AS PART OF BUILDING 68 REMOVAL ACTION OR 1/2-MILE REACH REMOVAL ACTION | WATER LINE                            |   |                                |
| BUILDING  | DRAIN LINE                            |   |                                |
| DEMOLISHED BUILDING   | ELECTRIC LINE                         |   |                                |
|   | FORCE MAIN                            |   |                                |
|   | TELEPHONE LINE                        |   |                                |

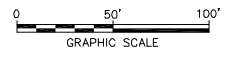
GENERAL ELECTRIC COMPANY  
 PITTSFIELD, MASSACHUSETTS  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA  
 WORK PLAN FOR EAST STREET AREA 2-SOUTH**

**THIESSEN POLYGON MAP  
 2- TO 3-FOOT DEPTH INCREMENT  
 UTILITY CORRIDOR 17**

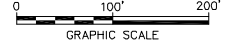
CITY: SYR DIV/GROUP: 85 DB: DMW LD: DMW PIC: (Opt) PM: (Read) TM: (Opt) LY: (Option) = "OFF-REF"  
 G:\GEN\ENVCAD\SYR\FACUSE\ACT\101110000000005\DWG3\2ND ADD\10111G25.DWG LAYOUT: F-5 SAVED: 4/21/2009 11:39 AM ACADVER: 17.05 (LMS TECH) PAGES: 17 PAGESETUP: --- PLOTSTYLETABLE: PLT\FULL.CTB PLOTTED: 4/21/2009 11:39 AM BY: WODARCZYK, DAVID  
 XREFS: 10111X55 10111X00 10111X07  
 IMAGES: PROJECTNAME: ---



**DETAIL**



- NOTES:**
1. THE BASE MAP WAS PREPARED FROM A SURVEY PREPARED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. GE-1081-1, DATED 3/24/04.
  2. UTILITIES ARE SHOWN IN AN APPROXIMATED WAY ONLY AND ALL UTILITIES MAY NOT BE SHOWN. PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL CONTACT "DIG-SAFE" AND HAVE ALL UNDERGROUND UTILITIES MARKED ON THE GROUND.



**LEGEND**

- |   |                                       |   |                                |
|---|---------------------------------------|---|--------------------------------|
| APPROXIMATE REMOVAL ACTION AREA BOUNDARY  | BUILDING SUBJECT TO FUTURE DEMOLITION | 50' WIDE CORRIDOR USED TO DETERMINE WHICH SAMPLES ARE INCLUDED IN UTILITY CORRIDOR EVALUATIONS        | AREA PROPOSED FOR SOIL REMOVAL |
| PROPERTY LINE   | CATCH BASIN                           | RAA4-K31 SOIL BORING LOCATION (1- FOOT OR GREATER SAMPLE DEPTH)                                       |                                |
| EASEMENT LINE   | MANHOLE                               | UTILITY CORRIDOR ID   |                                |
| EDGE OF WATER   | GAS LINE                              | HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THIESSEN POLYGON APPROACH |                                |
| TREELINE  | SANITARY SEWER                        | POLYGON ID  |                                |
| SHRUB   | STORM SEWER                           |   |                                |
| AREA ADDRESSED AS PART OF BUILDING 68 REMOVAL ACTION OR 1/2-MILE REACH REMOVAL ACTION | WATER LINE                            |   |                                |
| BUILDING  | DRAIN LINE                            |   |                                |
| DEMOLISHED BUILDING   | ELECTRIC LINE                         |   |                                |
|   | FORCE MAIN                            |   |                                |
|   | TELEPHONE LINE                        |   |                                |

GENERAL ELECTRIC COMPANY  
 PITTSFIELD, MASSACHUSETTS  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA  
 WORK PLAN FOR EAST STREET AREA 2-SOUTH**

**THIESSEN POLYGON MAP  
 3- TO 6-FOOT DEPTH INCREMENT  
 UTILITY CORRIDOR 17**



**FIGURE  
 F-5**



**TABLE F-5  
UTILITY CORRIDOR 19  
EXISTING CONDITIONS**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2-SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**1- TO 2-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-03	62	1,265	1 - 2	5.9	46.85	5.90	276.39
95-04	55, 55A	1,750	1 - 2	3.8	64.83	3.80	246.36
RAA4-A33	46, 47	2,787	1 - 2	0.89	103.24	0.89	91.88
RAA4-A34	45	1,643	1 - 2	1.79	60.86	1.79	108.94
RAA4-B31	49	4,538	1 - 2	0.04	168.06	0.04	6.72
RAA4-C30S	59	5,949	1 - 2	0.88	220.35	0.88	193.91
RAA4-C31	50, 66	5,699	1 - 2	10.315	211.06	10.32	2,177.07
RAA4-C33	69, 71	562	1 - 2	10.3	20.80	10.30	214.22
RAA4-C33S	58, 70	3,002	1 - 2	3.8	111.17	3.80	422.44
RAA4-C34	68	1,730	1 - 2	1.35	64.07	1.35	86.50
RAA4-C35	48	1,206	1 - 2	7.925	44.66	7.93	353.97
RAA4-D27	60	3,310	1 - 2	0.875	122.58	0.88	107.26
RAA4-E27	52	3,019	1 - 2	770	111.80	770.00	86,086.00
RAA4-F27	53, 53A, 53B, 53C	1,478	1 - 2	3,900	54.72	3,900.00	213,422.44
RAA4-G27	61	3,404	1 - 2	133	126.08	133.00	16,768.94
RAA4-H27S	57	3,954	1 - 2	330	146.44	330.00	48,324.22
RAA4-K25	54	4,011	1 - 2	870	148.55	870.00	129,237.21
RAA4-M27	51	4,055	1 - 2	0.78	150.19	0.78	117.15
RAA4-M29	63	879	1 - 2	1.61	32.55	1.61	52.40
SL0015	65	34	1 - 1.5	159	1.27	159.00	201.64
SL0017	64	1,244	1 - 1.5	58.5	46.09	58.50	2,696.09
SL0025	80	744	1 - 1.5	0.297	27.55	0.30	8.18
SL0339	56	874	1 - 1.5	<b>0.285</b>	32.36	0.29	9.22
X-14	67	1,396	1 - 2	9.5	51.71	9.50	491.26
<b>Totals:</b>	--	58,532	--	--	2,167.84	--	501,700.42
<b>Volume-Weighted Average:</b>							<b>231.43</b>

**2- TO 3-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-03	62	1,265	2 - 3	230	46.85	230.00	10,774.65
95-04	55, 55A	1,750	2 - 3	390	64.83	390.00	25,284.57
RAA4-A33	46, 47	2,787	2 - 3	0.89	103.24	0.89	91.88
RAA4-A34	45	1,643	2 - 3	1.79	60.86	1.79	108.94
RAA4-B31	49	4,538	2 - 3	0.04	168.06	0.04	6.72
RAA4-C30S	59	5,949	2 - 3	0.88	220.35	0.88	193.91
RAA4-C31	50, 66	5,699	2 - 3	10.315	211.06	10.32	2,177.07
RAA4-C33	69, 71	562	2 - 3	10.3	20.80	10.30	214.22
RAA4-C33S	58, 70	3,002	2 - 3	3.8	111.17	3.80	422.44
RAA4-C34	68	1,730	2 - 3	1.35	64.07	1.35	86.50
RAA4-C35	48	1,206	2 - 3	7.925	44.66	7.93	353.97
RAA4-D27	60	3,310	2 - 3	0.875	122.58	0.88	107.26
RAA4-E27	52	3,019	2 - 3	770	111.80	770.00	86,086.00
RAA4-F27	53, 53A, 53B, 53C	1,478	2 - 3	3,900	54.72	3,900.00	213,422.44
RAA4-G27	61	3,404	2 - 3	133	126.08	133.00	16,768.94
RAA4-H27S	57	3,954	2 - 3	330	146.44	330.00	48,324.22
RAA4-K25	54	4,011	2 - 3	870	148.55	870.00	129,237.21
RAA4-M27	51	4,055	2 - 3	0.78	150.19	0.78	117.15
RAA4-M29	63	879	2 - 3	1.61	32.55	1.61	52.40
SL0015	65	34	2 - 2.5	283	1.27	283.00	358.89
SL0017	64	1,244	2 - 2.5	73	46.09	73.00	3,364.35
SL0025	80	744	2 - 2.5	40.1	27.55	40.10	1,104.70
SL0339	56	874	2 - 2.5	6.135	32.36	6.14	198.54
X-14	67	1,396	2 - 3	1.5	51.71	1.50	77.57
<b>Totals:</b>	--	58,532	--	--	2,167.84	--	538,934.54
<b>Volume-Weighted Average:</b>							<b>248.60</b>



**TABLE F-5  
UTILITY CORRIDOR 19  
EXISTING CONDITIONS**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2-SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**3- TO 4-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-03	55	1,834	3 - 4	230	67.92	230.00	15,620.83
95-04	49, 49A	1,750	3 - 4	390	64.83	390.00	25,284.57
RAA4-A33	40, 41	2,787	3 - 4	0.89	103.24	0.89	91.88
RAA4-A34	39	1,643	3 - 4	1.79	60.86	1.79	108.94
RAA4-B31	43	4,538	3 - 4	0.04	168.06	0.04	6.72
RAA4-C30S	52	5,949	3 - 4	0.88	220.35	0.88	193.91
RAA4-C31	44, 57	5,699	3 - 4	10.315	211.06	10.32	2,177.07
RAA4-C33	60, 62	562	3 - 4	10.3	20.80	10.30	214.22
RAA4-C33S	51, 61	3,002	3 - 4	3.8	111.17	3.80	422.44
RAA4-C34	59	1,730	3 - 4	1.35	64.07	1.35	86.50
RAA4-C35	42	1,206	3 - 4	7.925	44.66	7.93	353.97
RAA4-D27	53	3,310	3 - 4	0.875	122.58	0.88	107.26
RAA4-E27	46	3,019	3 - 4	770	111.80	770.00	86,086.00
RAA4-F27	47, 47A, 47B, 47C	1,478	3 - 4	3,900	54.72	3,900.00	213,422.44
RAA4-G27	54	3,404	3 - 4	133	126.08	133.00	16,768.94
RAA4-H27S	50	3,954	3 - 4	330	146.44	330.00	48,324.22
RAA4-K25	48	4,011	3 - 4	870	148.55	870.00	129,237.21
RAA4-M27	45	4,072	3 - 4	1.4	150.82	1.40	211.14
RAA4-M29	56	3,189	3 - 4	0.0175	118.12	0.02	2.07
X-14	58	1,396	3 - 4	1.5	51.71	1.50	77.57
<b>Totals:</b>	--	58,532	--	--	2,167.84	--	538,797.89
<b>Volume-Weighted Average:</b>							<b>248.54</b>

**4- TO 6-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-03	52	1,834	4 - 6	0.08	135.83	0.08	10.87
RAA4-A33	38, 39	2,787	4 - 6	0.89	206.47	0.89	183.76
RAA4-A34	37	1,643	4 - 6	1.79	121.72	1.79	217.87
RAA4-B31	41	4,538	4 - 6	0.04	336.12	0.04	13.44
RAA4-C30S	49	5,949	4 - 6	0.88	440.70	0.88	387.82
RAA4-C31	42, 54	5,699	4 - 6	10.315	422.12	10.32	4,354.14
RAA4-C33	57, 59	562	4 - 6	10.3	41.60	10.30	428.43
RAA4-C33S	48, 58	3,002	4 - 6	3.8	222.34	3.80	844.88
RAA4-C34	56	1,730	4 - 6	1.35	128.14	1.35	172.99
RAA4-C35	40	1,206	4 - 6	7.925	89.33	7.93	707.94
RAA4-D27	50	3,310	4 - 6	0.875	245.17	0.88	214.52
RAA4-E27	44	3,019	4 - 6	770	223.60	770.00	172,172.00
RAA4-F27	45, 45A, 45B, 45C, 45D	3,083	4 - 6	3,900	228.36	3,900.00	890,604.00
RAA4-G27	51	3,549	4 - 6	133	262.92	133.00	34,967.97
RAA4-H27S	47	3,954	4 - 6	330	292.87	330.00	96,648.44
RAA4-K25	46	4,011	4 - 6	870	297.10	870.00	258,474.42
RAA4-M27	43	4,072	4 - 6	1.4	301.63	1.40	422.28
RAA4-M29	53	3,189	4 - 6	0.0175	236.25	0.02	4.13
X-14	55	1,396	4 - 6	0.5195	103.42	0.52	53.73
<b>Totals:</b>	--	58,532	--	--	4,335.68	--	1,460,883.66
<b>Volume-Weighted Average:</b>							<b>336.94</b>

**SUMMARY: 1- TO 6-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
<b>Totals:</b>	--	58,532	1 - 6	--	10,839.20	--	3,040,316.51
<b>Volume-Weighted Average:</b>							<b>280.49</b>

**Notes:**

1. Polygon ID and area based on information shown on Figures F-6 through F-8.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

**TABLE F-6  
UTILITY CORRIDOR 19  
POST-REMEDATION CONDITIONS**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2-SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**1- TO 2-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-03	62	1,265	1 - 2	5.9	46.85	5.90	276.39
95-04	55	855	1 - 2	0.021	31.67	0.02	0.67
95-04	55A	895	1 - 2	3.8	33.16	3.80	126.01
RAA4-A33	46, 47	2,787	1 - 2	0.89	103.24	0.89	91.88
RAA4-A34	45	1,643	1 - 2	1.79	60.86	1.79	108.94
RAA4-B31	49	4,538	1 - 2	0.04	168.06	0.04	6.72
RAA4-C30S	59	5,949	1 - 2	0.88	220.35	0.88	193.91
RAA4-C31	50, 66	5,699	1 - 2	10.315	211.06	10.32	2,177.07
RAA4-C33	69, 71	562	1 - 2	10.3	20.80	10.30	214.22
RAA4-C33S	58, 70	3,002	1 - 2	3.8	111.17	3.80	422.44
RAA4-C34	68	1,730	1 - 2	1.35	64.07	1.35	86.50
RAA4-C35	48	1,206	1 - 2	7.925	44.66	7.93	353.97
RAA4-D27	60	3,310	1 - 2	0.875	122.58	0.88	107.26
RAA4-E27	52	3,019	1 - 2	770	111.80	770.00	86,086.00
RAA4-F27	53	1,094	1 - 2	0.021	40.53	0.02	0.85
RAA4-F27	53A, 53B, 53C	383	1 - 2	3,900	14.19	3,900.00	55,359.78
RAA4-G27	61	3,404	1 - 2	133	126.08	133.00	16,768.94
RAA4-H27S	57	3,954	1 - 2	330	146.44	330.00	48,324.22
RAA4-K25	54	4,011	1 - 2	870	148.55	870.00	129,237.21
RAA4-M27	51	4,055	1 - 2	0.78	150.19	0.78	117.15
RAA4-M29	63	879	1 - 2	1.61	32.55	1.61	52.40
SL0015	65	34	1 - 1.5	159	1.27	159.00	201.64
SL0017	64	1,244	1 - 1.5	58.5	46.09	58.50	2,696.09
SL0025	80	744	1 - 1.5	0.297	27.55	0.30	8.18
SL0339	56	874	1 - 1.5	0.285	32.36	0.29	9.22
X-14	67	1,396	1 - 2	9.5	51.71	9.50	491.26
<b>Totals:</b>	--	58,532	--	--	2,167.84	--	343,518.92
<b>Volume-Weighted Average:</b>							<b>158.46</b>

**2- TO 3-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-03	62	1,265	2 - 3	230	46.85	230.00	10,774.65
95-04	55	855	2 - 3	0.021	31.67	0.02	0.67
95-04	55A	895	2 - 3	390	33.16	390.00	12,932.40
RAA4-A33	46, 47	2,787	2 - 3	0.89	103.24	0.89	91.88
RAA4-A34	45	1,643	2 - 3	1.79	60.86	1.79	108.94
RAA4-B31	49	4,538	2 - 3	0.04	168.06	0.04	6.72
RAA4-C30S	59	5,949	2 - 3	0.88	220.35	0.88	193.91
RAA4-C31	50, 66	5,699	2 - 3	10.315	211.06	10.32	2,177.07
RAA4-C33	69, 71	562	2 - 3	10.3	20.80	10.30	214.22
RAA4-C33S	58, 70	3,002	2 - 3	3.8	111.17	3.80	422.44
RAA4-C34	68	1,730	2 - 3	1.35	64.07	1.35	86.50
RAA4-C35	48	1,206	2 - 3	7.925	44.66	7.93	353.97
RAA4-D27	60	3,310	2 - 3	0.875	122.58	0.88	107.26
RAA4-E27	52	3,019	2 - 3	770	111.80	770.00	86,086.00
RAA4-F27	53	1,094	2 - 3	0.021	40.53	0.02	0.85
RAA4-F27	53A, 53B, 53C	383	2 - 3	3,900	14.19	3,900.00	55,359.78
RAA4-G27	61	3,404	2 - 3	133	126.08	133.00	16,768.94
RAA4-H27S	57	3,954	2 - 3	330	146.44	330.00	48,324.22
RAA4-K25	54	4,011	2 - 3	870	148.55	870.00	129,237.21
RAA4-M27	51	4,055	2 - 3	0.78	150.19	0.78	117.15
RAA4-M29	63	879	2 - 3	1.61	32.55	1.61	52.40
SL0015	65	34	2 - 2.5	283	1.27	283.00	358.89
SL0017	64	1,244	2 - 2.5	73	46.09	73.00	3,364.35
SL0025	80	744	2 - 2.5	40.1	27.55	40.10	1,104.70
SL0339	56	874	2 - 2.5	6.135	32.36	6.14	198.54
X-14	67	1,396	2 - 3	1.5	51.71	1.50	77.57
<b>Totals:</b>	--	58,532	--	--	2,167.84	--	368,521.22
<b>Volume-Weighted Average:</b>							<b>169.99</b>



**TABLE F-6  
UTILITY CORRIDOR 19  
POST-REMEDATION CONDITIONS**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2-SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

**3- TO 4-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-03	55	1,834	3 - 4	230	67.92	230.00	15,620.83
95-04	49	855	3 - 4	0.021	31.67	0.02	0.67
95-04	49A	895	3 - 4	390	33.16	390.00	12,932.40
RAA4-A33	40, 41	2,787	3 - 4	0.89	103.24	0.89	91.88
RAA4-A34	39	1,643	3 - 4	1.79	60.86	1.79	108.94
RAA4-B31	43	4,538	3 - 4	0.04	168.06	0.04	6.72
RAA4-C30S	52	5,949	3 - 4	0.88	220.35	0.88	193.91
RAA4-C31	44, 57	5,699	3 - 4	10.315	211.06	10.32	2,177.07
RAA4-C33	60, 62	562	3 - 4	10.3	20.80	10.30	214.22
RAA4-C33S	51, 61	3,002	3 - 4	3.8	111.17	3.80	422.44
RAA4-C34	59	1,730	3 - 4	1.35	64.07	1.35	86.50
RAA4-C35	42	1,206	3 - 4	7.925	44.66	7.93	353.97
RAA4-D27	53	3,310	3 - 4	0.875	122.58	0.88	107.26
RAA4-E27	46	3,019	3 - 4	770	111.80	770.00	86,086.00
RAA4-F27	47	1,094	3 - 4	0.021	40.53	0.02	0.85
RAA4-F27	47A, 47B, 47C	383	3 - 4	3,900	14.19	3,900.00	55,359.78
RAA4-G27	54	3,404	3 - 4	133	126.08	133.00	16,768.94
RAA4-H27S	50	3,954	3 - 4	330	146.44	330.00	48,324.22
RAA4-K25	48	4,011	3 - 4	870	148.55	870.00	129,237.21
RAA4-M27	45	4,072	3 - 4	1.4	150.82	1.40	211.14
RAA4-M29	56	3,189	3 - 4	0.0175	118.12	0.02	2.07
X-14	58	1,396	3 - 4	1.5	51.71	1.50	77.57
<b>Totals:</b>	--	58,532	--	--	2,167.84	--	368,384.58
<b>Volume-Weighted Average:</b>							<b>169.93</b>

**4- TO 6-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
95-03	52	1,834	4 - 6	0.08	135.83	0.08	10.87
RAA4-A33	38, 39	2,787	4 - 6	0.89	206.47	0.89	183.76
RAA4-A34	37	1,643	4 - 6	1.79	121.72	1.79	217.87
RAA4-B31	41	4,538	4 - 6	0.04	336.12	0.04	13.44
RAA4-C30S	49	5,949	4 - 6	0.88	440.70	0.88	387.82
RAA4-C31	42, 54	5,699	4 - 6	10.315	422.12	10.32	4,354.14
RAA4-C33	57, 59	562	4 - 6	10.3	41.60	10.30	428.43
RAA4-C33S	48, 58	3,002	4 - 6	3.8	222.34	3.80	844.88
RAA4-C34	56	1,730	4 - 6	1.35	128.14	1.35	172.99
RAA4-C35	40	1,206	4 - 6	7.925	89.33	7.93	707.94
RAA4-D27	50	3,310	4 - 6	0.875	245.17	0.88	214.52
RAA4-E27	44	3,019	4 - 6	770	223.60	770.00	172,172.00
RAA4-F27	45	1,949	4 - 6	0.021	144.40	0.02	3.03
RAA4-F27	45A, 45B, 45C, 45D	1,133	4 - 6	3,900	83.96	3,900.00	327,435.33
RAA4-G27	51	3,549	4 - 6	133	262.92	133.00	34,967.97
RAA4-H27S	47	3,954	4 - 6	330	292.87	330.00	96,648.44
RAA4-K25	46	4,011	4 - 6	870	297.10	870.00	258,474.42
RAA4-M27	43	4,072	4 - 6	1.4	301.63	1.40	422.28
RAA4-M29	53	3,189	4 - 6	0.0175	236.25	0.02	4.13
X-14	55	1,396	4 - 6	0.5195	103.42	0.52	53.73
<b>Totals:</b>	--	58,532	--	--	4,335.68	--	897,718.02
<b>Volume-Weighted Average:</b>							<b>207.05</b>

**TABLE F-6  
UTILITY CORRIDOR 19  
POST-REMEDATION CONDITIONS**

**SECOND ADDENDUM TO CONCEPTUAL RD/RA WORK PLAN FOR EAST STREET AREA 2-SOUTH  
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**

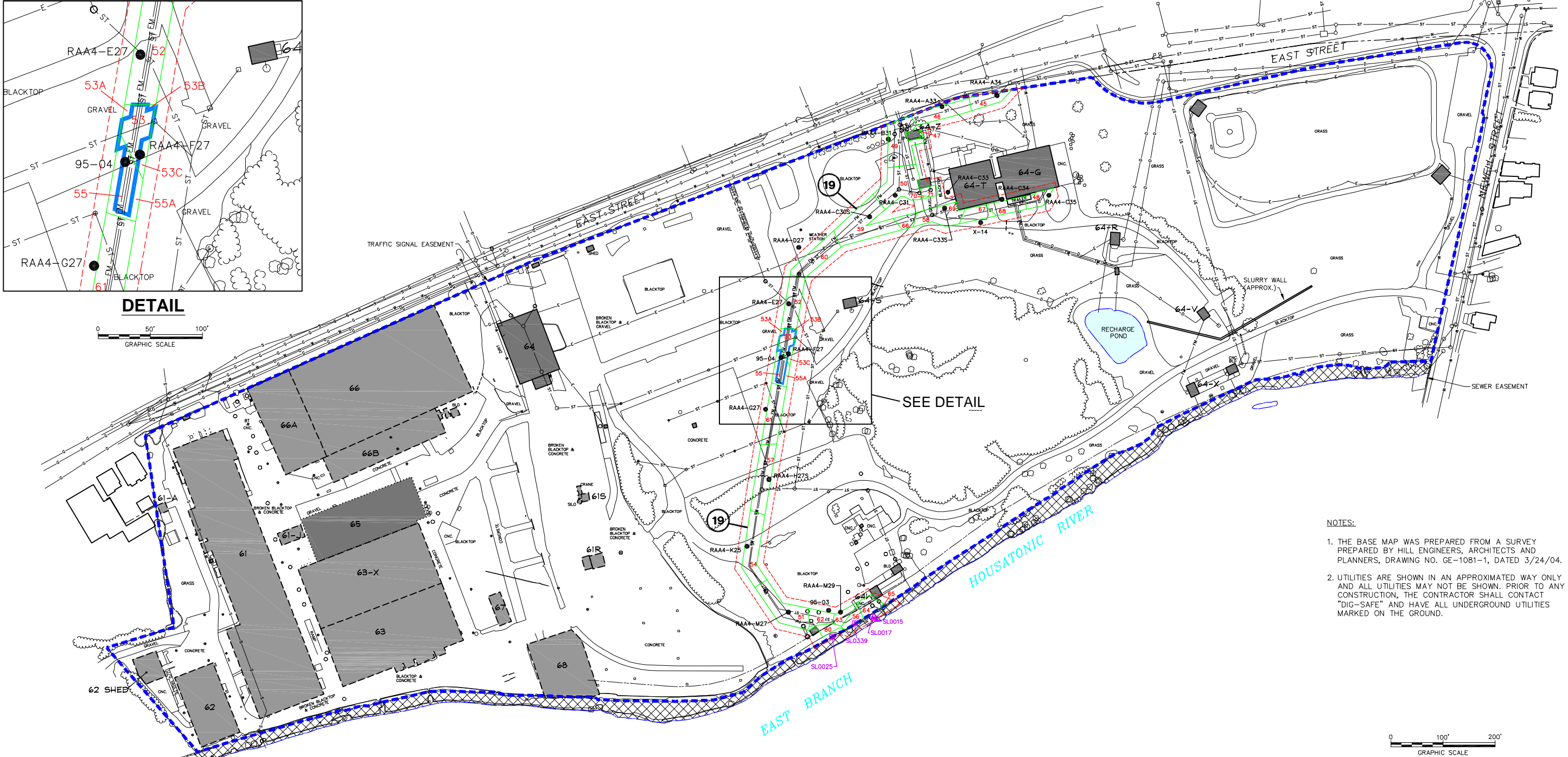
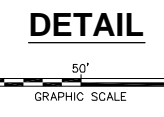
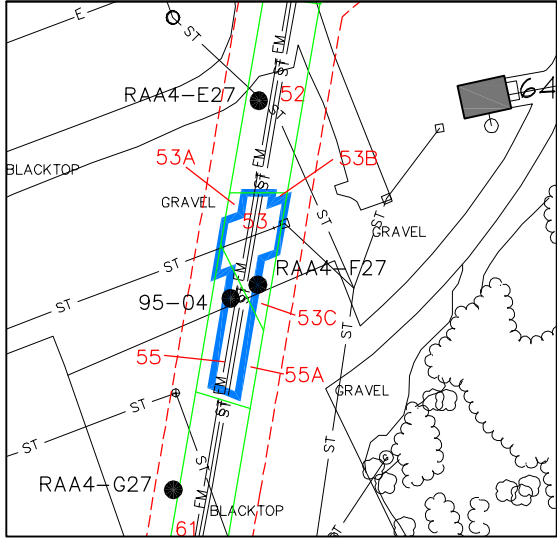
**SUMMARY: 1- TO 6-FOOT DEPTH INCREMENT**

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
<b>Totals:</b>	--	58,532	1 - 6	--	10,839.20	--	1,978,142.73
<b>Volume-Weighted Average:</b>							<b>182.50</b>

Notes:

1. Polygon ID and area based on information shown on Figures F-6 through F-8.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation. The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

CITY: SYR DIV/GROUP: 85 DB: DMW LD: DMW PIC: (Opt) PM: (Read) TM: (Opt) Lyr: (Option) = OFF - REF  
 G:\GEN\ENVCAD\SYR\FACUSE\ACT\WB00101110000000005\DWG3\2ND ADD\10111G26.DWG LAYOUT: F-6 SAVED: 4/21/2009 11:40 AM ACADVER: 17.05 (LMS TECH) PAGESETUP: --- PLOTSTYLETABLE: PLT\FULL.CTB PLOTTED: 4/21/2009 11:40 AM BY: WODARCZYK, DAVID  
 XREFS: 10111X55 10111X00 10111X07



- NOTES:
1. THE BASE MAP WAS PREPARED FROM A SURVEY PREPARED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. GE-1081-1, DATED 3/24/04.
  2. UTILITIES ARE SHOWN IN AN APPROXIMATED WAY ONLY AND ALL UTILITIES MAY NOT BE SHOWN. PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL CONTACT "DIG-SAFE" AND HAVE ALL UNDERGROUND UTILITIES MARKED ON THE GROUND.



**LEGEND**

- |   |                                       |   |                                |
|---|---------------------------------------|---|--------------------------------|
| APPROXIMATE REMOVAL ACTION AREA BOUNDARY  | BUILDING SUBJECT TO FUTURE DEMOLITION | 50' WIDE CORRIDOR USED TO DETERMINE WHICH SAMPLES ARE INCLUDED IN UTILITY CORRIDOR EVALUATIONS        | AREA PROPOSED FOR SOIL REMOVAL |
| PROPERTY LINE   | CATCH BASIN                           | RAA4-F27 SOIL BORING LOCATION (1- FOOT OR GREATER SAMPLE DEPTH)                                       |                                |
| EASEMENT LINE   | MANHOLE                               | SL0015 EXISTING RIVER BANK SOIL SAMPLE  |                                |
| EDGE OF WATER   | GAS LINE                              | UTILITY CORRIDOR ID   |                                |
| TREELINE  | SANITARY SEWER                        | HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THIESSEN POLYGON APPROACH |                                |
| SHRUB   | STORM SEWER                           | POLYGON ID  |                                |
| AREA ADDRESSED AS PART OF BUILDING 68 REMOVAL ACTION OR 1/2-MILE REACH REMOVAL ACTION | WATER LINE                            |   |                                |
| BUILDING  | DRAIN LINE                            |   |                                |
| DEMOLISHED BUILDING   | ELECTRIC LINE                         |   |                                |
|   | FORCE MAIN                            |   |                                |
|   | TELEPHONE LINE                        |   |                                |

GENERAL ELECTRIC COMPANY  
 PITTSFIELD, MASSACHUSETTS  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA  
 WORK PLAN FOR EAST STREET AREA 2-SOUTH**

**THIESSEN POLYGON MAP  
 1- TO 3-FOOT DEPTH INCREMENT  
 UTILITY CORRIDOR 19**

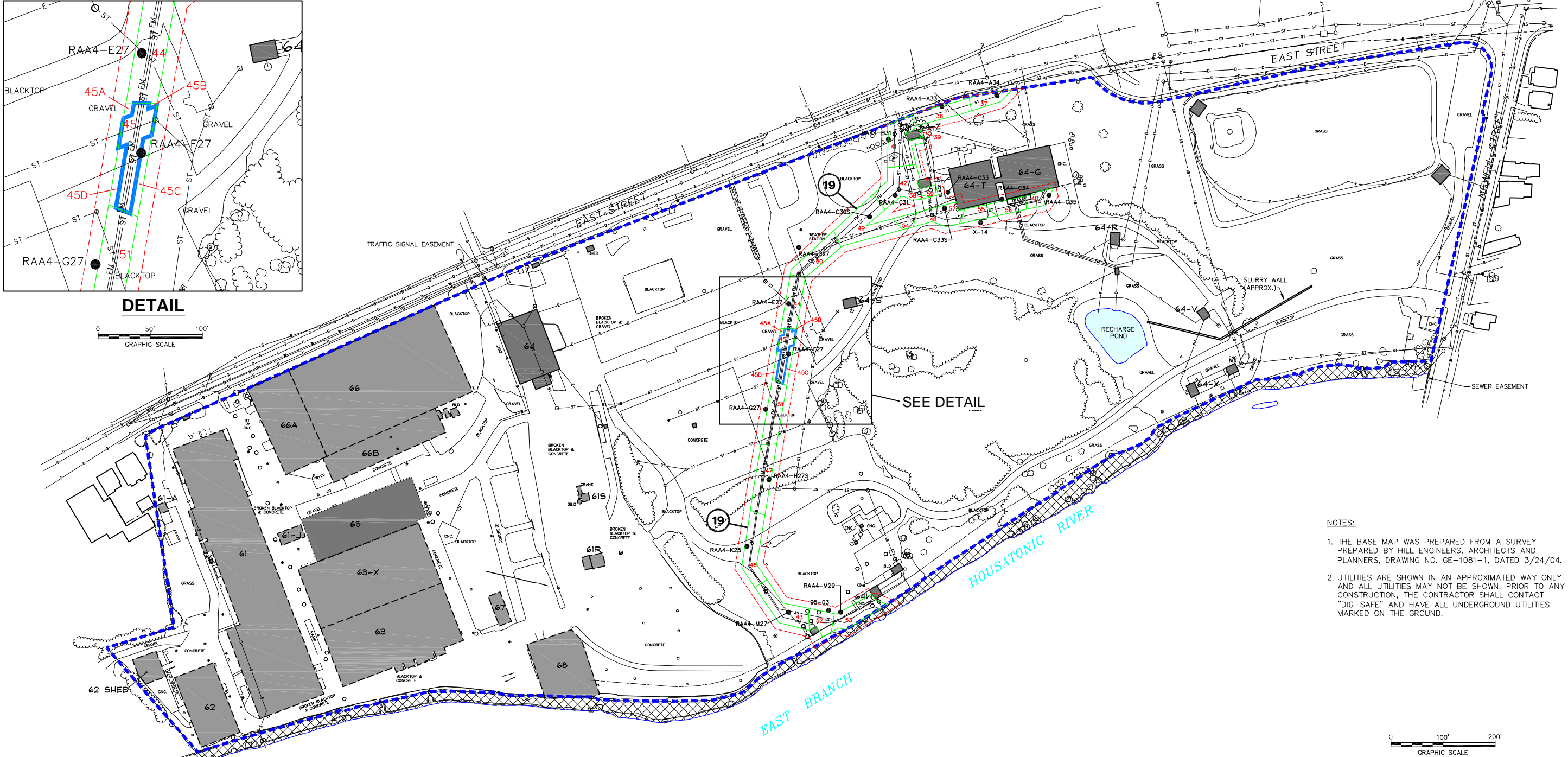
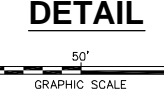
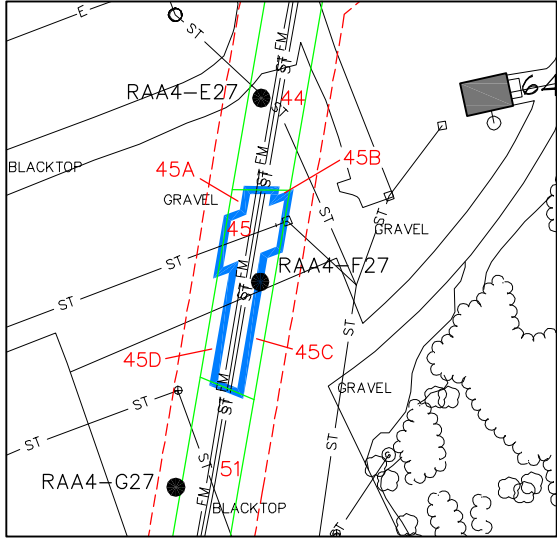


FIGURE  
**F-6**





CITY: SYR DIV/GROUP: 85 DB: DMW LD: DMW PIC: (Opt) PM: (Read) TM: (Opt) Lyr: (Option) = OFF - REF  
 G:\GEN\CAD\SYR\PROJECTS\ACT\101110000000005\DWG\3\2ND ADD\10111G28.DWG LAYOUT: F-8 SAVED: 4/21/2009 11:44 AM ACADVER: 17.05 (LMS TECH) PAGES: 17 PAGES: 17 PLOTSTYLETABLE: PLT\FULL.CTB PLOTTED: 4/21/2009 11:44 AM BY: WODARCZYK, DAVID  
 XREFS: 10111X55 10111X00 10111X07



- NOTES:
1. THE BASE MAP WAS PREPARED FROM A SURVEY PREPARED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, DRAWING NO. GE-1081-1, DATED 3/24/04.
  2. UTILITIES ARE SHOWN IN AN APPROXIMATED WAY ONLY AND ALL UTILITIES MAY NOT BE SHOWN. PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL CONTACT "DIG-SAFE" AND HAVE ALL UNDERGROUND UTILITIES MARKED ON THE GROUND.



**LEGEND**

- |   |                                       |   |                                |
|---|---------------------------------------|---|--------------------------------|
| APPROXIMATE REMOVAL ACTION AREA BOUNDARY  | BUILDING SUBJECT TO FUTURE DEMOLITION | 50' WIDE CORRIDOR USED TO DETERMINE WHICH SAMPLES ARE INCLUDED IN UTILITY CORRIDOR EVALUATIONS        | AREA PROPOSED FOR SOIL REMOVAL |
| PROPERTY LINE   | CATCH BASIN                           | RAA4-F27 SOIL BORING LOCATION (1- FOOT OR GREATER SAMPLE DEPTH)                                       |                                |
| EASEMENT LINE   | MANHOLE                               | UTILITY CORRIDOR ID   |                                |
| EDGE OF WATER   | GAS LINE                              | HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THIESSEN POLYGON APPROACH |                                |
| TREELINE  | SANITARY SEWER                        | POLYGON ID  |                                |
| SHRUB   | STORM SEWER                           |   |                                |
| AREA ADDRESSED AS PART OF BUILDING 68 REMOVAL ACTION OR 1/2-MILE REACH REMOVAL ACTION | WATER LINE                            |   |                                |
| BUILDING  | DRAIN LINE                            |   |                                |
| DEMOLISHED BUILDING   | ELECTRIC LINE                         |   |                                |
|   | FORCE MAIN                            |   |                                |
|   | TELEPHONE LINE                        |   |                                |

GENERAL ELECTRIC COMPANY  
 PITTSFIELD, MASSACHUSETTS  
**SECOND ADDENDUM TO CONCEPTUAL RD/RA  
 WORK PLAN FOR EAST STREET AREA 2-SOUTH**

**THIESSEN POLYGON MAP  
 4- TO 6-FOOT DEPTH INCREMENT  
 UTILITY CORRIDOR 19**



FIGURE  
**F-8**