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

Transmitted via Federal Express

May 28, 2004

Mr. Michael Nalipinski
GE Facility Project Manager
U.S. Environmental Protection Agency
EPA New England
One Congress Street, Suite 1100
Boston, MA 02114-2023

Re: GE-Pittsfield/Housatonic River Site
Newell Street Area I (GECD440)
Second Revision to Post-Remediation PCB Evaluations for Parcel J9-23-22

Dear Mr. Nalipinski:

This letter is being provided as a follow-up to our May 25, 2004 submittal providing revised post-remediation average PCB evaluations for Parcel J9-23-22. Observed conditions during excavation activities along the rear of the building located at the front of this property required a further modification to evaluations provided in the May 25 submittal. Specifically, GE's Remediation Contractor, Maxymillian Technologies, Inc. (MTI) determined during excavation activities on Wednesday, May 25 that no foundation footer is present, as previously assumed for the purposes of the post-remediation calculations provided in Attachment C of the August 2003 *Final RD/RA Work Plan for Newell Street Area I.* As a result, GE has elected to increase the size of the wedge of soil adjacent to this structure to ensure that no undermining of the building foundation was experienced during the performance of the soil removal activities. Consistent with other proposed revisions to the soil removal limits for this property, this course of action was selected as long as the revised post-remediation evaluations demonstrated that leaving such soils would not impact achievement of the Performance Standards at the property, as specified in the *Statement of Work for Removal Actions Outside the River* (SOW), which is Appendix E to the October 2000 Consent Decree for the GE-Pittsfield/Housatonic River Site.

As indicated in the April 17, 2003 *Conceptual RD/RA Work Plan Addendum for Newell Street Area I* and GE's May 25 submittal, no removal actions are necessary at Parcel J9-23-22 to address Appendix IX+3 constituents. Therefore, this letter only presents revised evaluations of the post-remediation average concentrations for polychlorinated biphenyls (PCBs) in those depth increments impacted by increasing the size of the wedge adjacent to the building. Specifically, based on field measurements indicating that the top of the proposed wedge is located at least 3 feet below grade, only the 1- to 6-foot and 0- to 15-foot depth increments are impacted by the modification to the soil removal limits proposed herein for Parcel J9-23-22.

To evaluate the impact of increasing the size of the wedge on the achievement of the PCB Performance Standards for the applicable depth intervals (i.e., the 1- to 6-foot and 0- to 15-foot depth increments), GE has developed the supplemental calculations and backup materials attached to this letter. Such backup materials include Table 1 and Figures 1 through 3. In addition, Table 1 of GE's May 25 submittal and Tables C-1 through C-3 of the Final Work Plan are included herein for ease of reference since these tables

are referenced in the attached calculations. As indicated in Table 1, the post-remediation average PCB concentration for the 1- to 6-foot depth increment at Parcel J9-23-22 will increase from approximately 157 ppm to approximately 160 ppm, while the post-remediation average PCB concentration for the 0- to 15-foot depth increment will increase from approximately 69 ppm to approximately 70 ppm. Thus, these revised calculations demonstrate that if the wedge is increased to the size indicated on Figure 3, the post-remediation average PCB concentrations for the 1- to 6-foot and 0- to 15-foot depth increments will remain below the applicable PCB-related Performance Standards.

Please feel free to contact me with any questions or comments regarding the information provided herein.

Sincerely,

Richard W. Gates/BSS

Richard W. Gates
Remediation Project Manager

CRA/csc
Attachments
V:\GE_Pittsfield_CD_Newell_St_Area_I\Correspondence\35042196Ltr.doc

cc: Susan Steenstrup, MDEP (2 copies)
Anna Symington, MDEP*
Rose Howell, EPA*
Holly Inglis, EPA
Dean Tagliaferro, EPA*
Dawn Jamros, Weston
Michael Carroll, GE*
Andrew Silfer, GE
Rod McLaren, GE
James Nuss, BBL
Corey Averill, BBL
James Bieke, Shea & Gardner
Public Information Repositories
GE Internal Repository

* *(cover letter only)*

TABLE 1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
PARCEL J9-23-22

REVISED EVALUATION OF SOIL WEDGE B

I. Soil Wedge B (Figures 1 through 3)

A. Soil Wedge Characteristics

1. Total Length of Wedge	56.26 ft
2. Length of Wedge Attributed to J9-23-22-J-18	56.26 ft
3. Revised Cross-Sectional Area of Each 1-Foot Section of Wedge (3 ft * 3 ft) / 2 (Figure 3)	4.5 ft^2
4. Cross-Sectional Area of Each 1-Foot Section of Original Wedge (Table C-1 of *Final RD/RA Work Plan for Newell Street Area I* [Final Work Plan])	2.0 ft^2
5. Additional Cross-Sectional Area of Each 1-Foot Section of Wedge (4.5 ft^2 - 2.0 ft^2)	2.5 ft^2

B. Remaining Soil Wedge Volume and Concentration

1. Total Difference in Volume of Wedges (56.26 lf * 2.5 ft^2) / 27 cf/cy	5.21 cy
2. PCB Concentration Attributed to J9-23-22-J-18 (3-6 ft)	2,415 ppm
3. Difference in Volumes x Average PCB Concentration (5.21 cy * 2,415 ppm)	12,582.15 cy-ppm **[1]**
4. Difference in Wedge Volumes x Clean Backfill Concentration (5.21 cy * 0.021 ppm)	0.11 cy-ppm **[2]**

II. Effects of Revised Soil Wedge on Overall Parcel Average (1- to 6-Foot Depth Increment)

A. Parcel-Wide Information

1. Volume of Soil in Depth Increment (Table 1 of GE's May 25, 2004 Submittal to EPA re: *Revised Post-Remediation PCB Evaluations for Parcel J9-23-22*)	5,287.17 cy **[3]**
2. Post-Remediation Average PCB Concentration (Table 1 of May 25, 2004 Submittal)	157.16 ppm
3. Volume x Average PCB Concentration (Table 1 of May 25, 2004 Submittal)	830,949.00 cy-ppm **[4]**

B. Revised Average PCB Concentration

1. "Volume x Average PCB Concentration" **[4]**, Subtract **[2]**, and Add **[1]**

   (830,949.00 cy-ppm) - (0.11 cy-ppm) + (12,582.15 cy-ppm) = 843,531.04 cy-ppm **[5]**

2. Divide **[5]** by Soil Volume for Depth Increment **[3]** to Yield Revised Average PCB Concentration for 1- to 6-Foot Depth Increment at Parcel J9-23-22

   (843,531.04 cy-ppm)/(5,287.17 cy) = 159.54 ppm

TABLE 1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
PARCEL J9-23-22

REVISED EVALUATION OF SOIL WEDGE B

III. Effects of Soil Wedge on Overall Parcel Average (0- to 15-Foot Depth Increment)

A. Parcel-Wide Information

1. Volume of Soil in Depth Increment (Table 1 of May 25, 2004 Submittal)	14,633.41 cy **[6]**
2. Post-Remediation Average PCB Concentration (Table 1 of May 25, 2004 Submittal)	69.11 ppm
3. Volume x Average PCB Concentration (Table 1 of May 25, 2004 Submittal)	1,011,380.18 cy-ppm **[7]**

B. Revised Average PCB Concentration

1. "Volume x Average PCB Concentration" **[7]**, Subtract **[2]**, and Add **[1]**

   (1,011,380.18 cy-ppm) - (0.11 cy-ppm) + (12,582.15 cy-ppm) — 1,023,962.22 cy-ppm **[8]**

2. Divide **[8]** by Soil Volume for Depth Increment **[6]** to Yield Revised Average PCB Concentration for 0- to 15-Foot Depth Increment at Parcel J9-23-22

   (1,023,962.22 cy-ppm)/(14,633.41 cy) — 69.97 ppm

Figures

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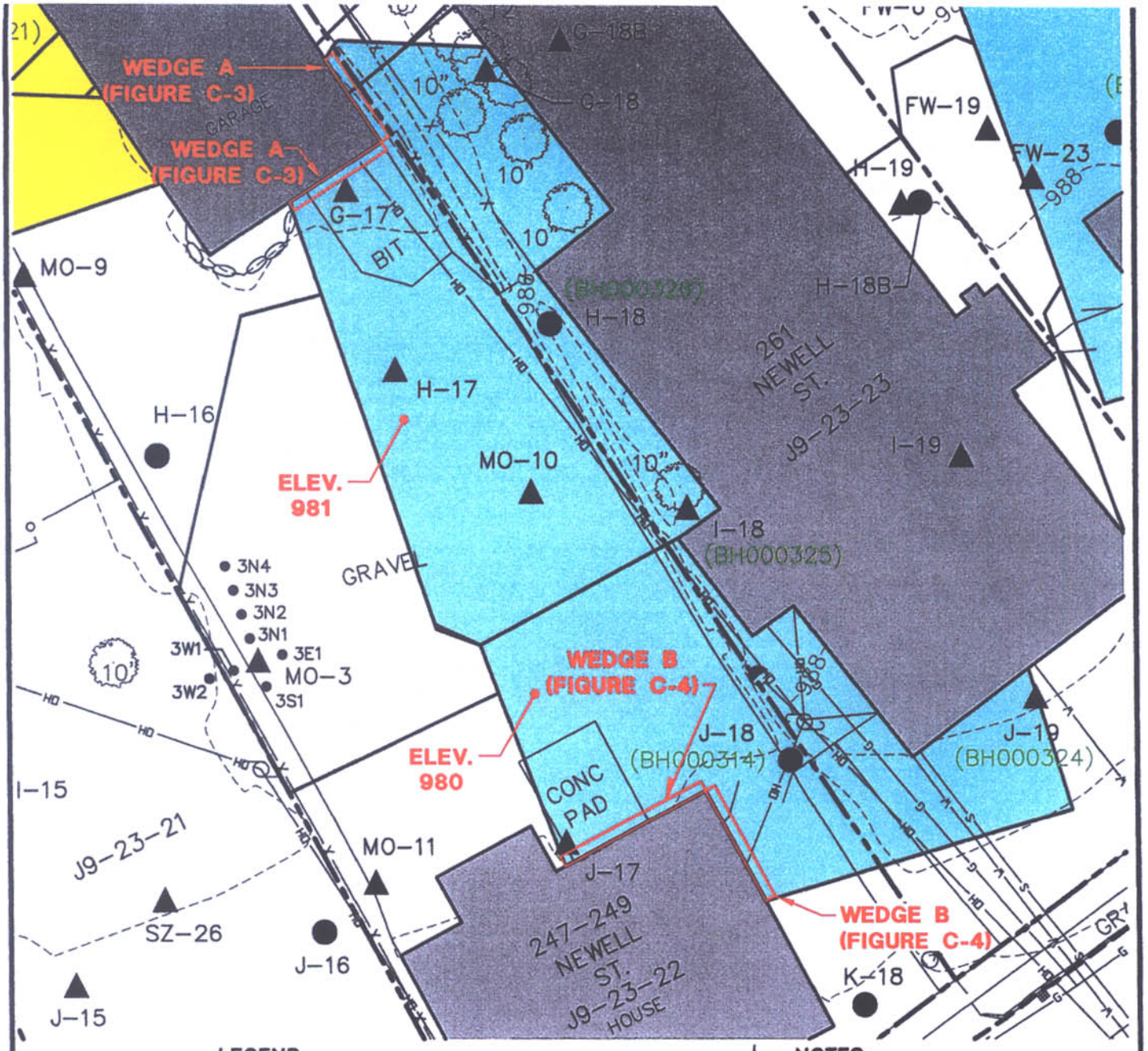

LEGEND

- APPROXIMATE RAA BOUNDARY
- PARCEL BOUNDARY
- J9-23-22 PARCEL ID
- WIRE FENCE
- ▲ J-15 OR ● 3N1 GE EXISTING SURFACE SOIL SAMPLE LOCATION
- ● J-18 GE EXISTING SOIL BORING LOCATION
- (BH000326) EPA SPLIT SAMPLE IDENTIFICATION
- OH OVERHEAD WIRES
- G G GAS SERVICE
- W WATER SERVICE
- S SANITARY SEWER
- BUILDING
- DECIDUOUS TREE
- UTILITY POLE
- 1-FOOT REMOVAL
- 3-FOOT REMOVAL
- 6-FOOT REMOVAL

NOTES:

1. BASE MAP MODIFIED FROM SURVEY BY HILL ENGINEERS, ARCHITECTS & PLANNERS, DATED 8/15/01.
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

0 30' 60'

GRAPHIC SCALE

X: 10112X07.DWG
P: PAGESET/PLT-AP
8/04/03 SYR-85-RLP SDL DMW
N/10112001/10112P78.DWG

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
PARCEL J9-23-22

SOIL "WEDGE" LOCATIONS

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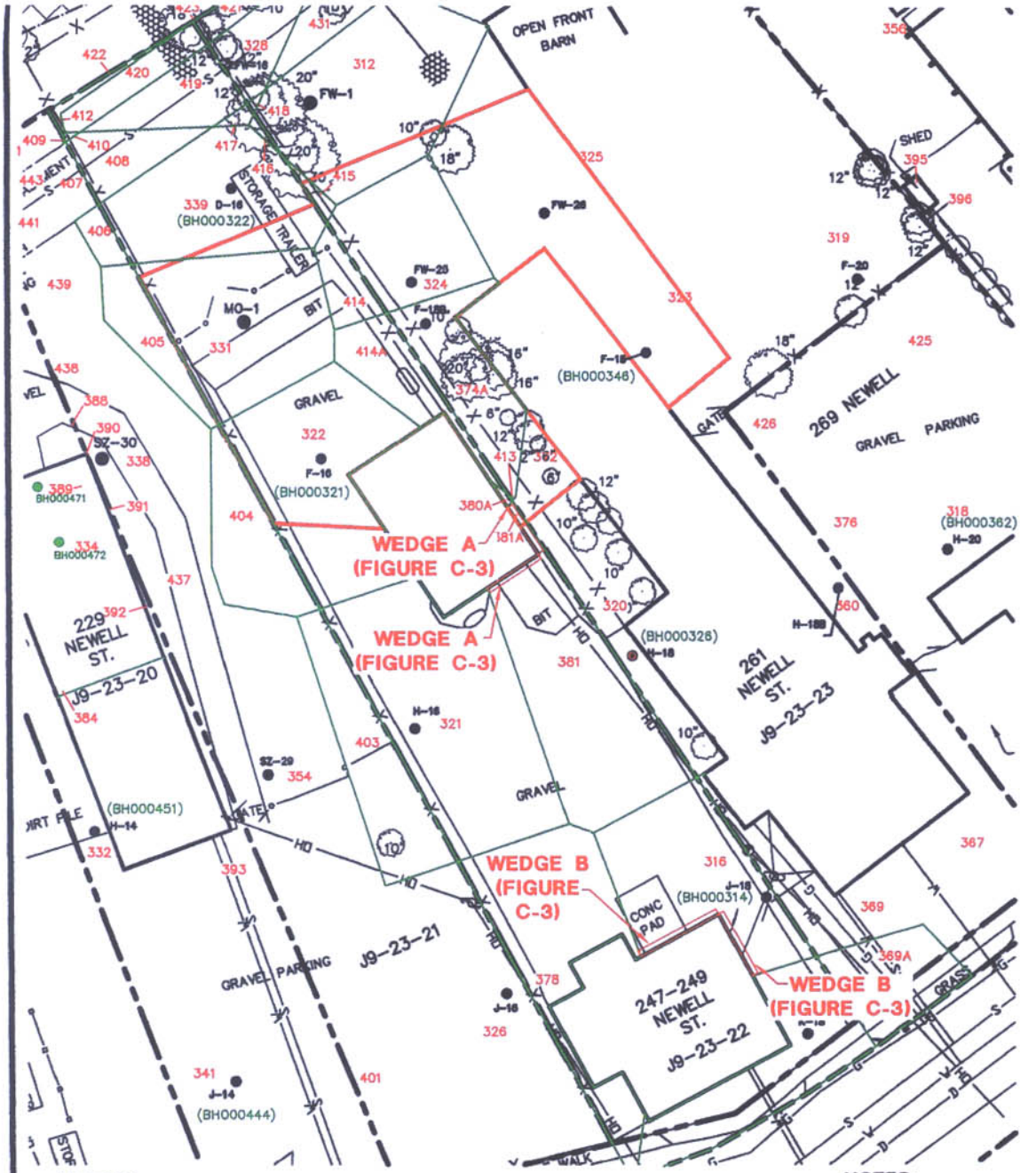
FIGURE
1



LEGEND

- PARCEL BOUNDARY
- EASEMENT
- J9-23-22 PARCEL ID
- WIRE FENCE
- RIP RAP
- DECIDUOUS TREE
- TOP OF BANK
- CATCH BASIN
- DRAIN LINE
- OVERHEAD WIRES
- GAS SERVICE
- WATER SERVICE
- SANITARY SEWER
- BUILDING
- F-16 GE EXISTING SOIL BORING LOCATION
- BH000472 EPA SOIL BORING LOCATION
- FW-16 EXISTING MONITORING WELL LOCATION
- (BH000321) EPA SPLIT SAMPLE IDENTIFICATION
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH
- 426 POLYGON ID
- AREA PROPOSED FOR PLACEMENT OF AN ENGINEERED BARRIER

0 60' 120'

GRAPHIC SCALE

NOTES:

1. BASE MAP MODIFIED FROM SURVEY BY HILL ENGINEERS, ARCHITECTS & PLANNERS, DATED 8/15/01.
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

X: 10112X08.DWG
L: ON=*, OFF=*REF*
P: PAGESET/PLT-AP
8/4/03 SYR-85-RLP SDL DMW
N/10112001/10112P79.DWG

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
PARCEL J9-23-22

THEISSEN POLYGON MAP DEPTHS GREATER THAN 1-FOOT

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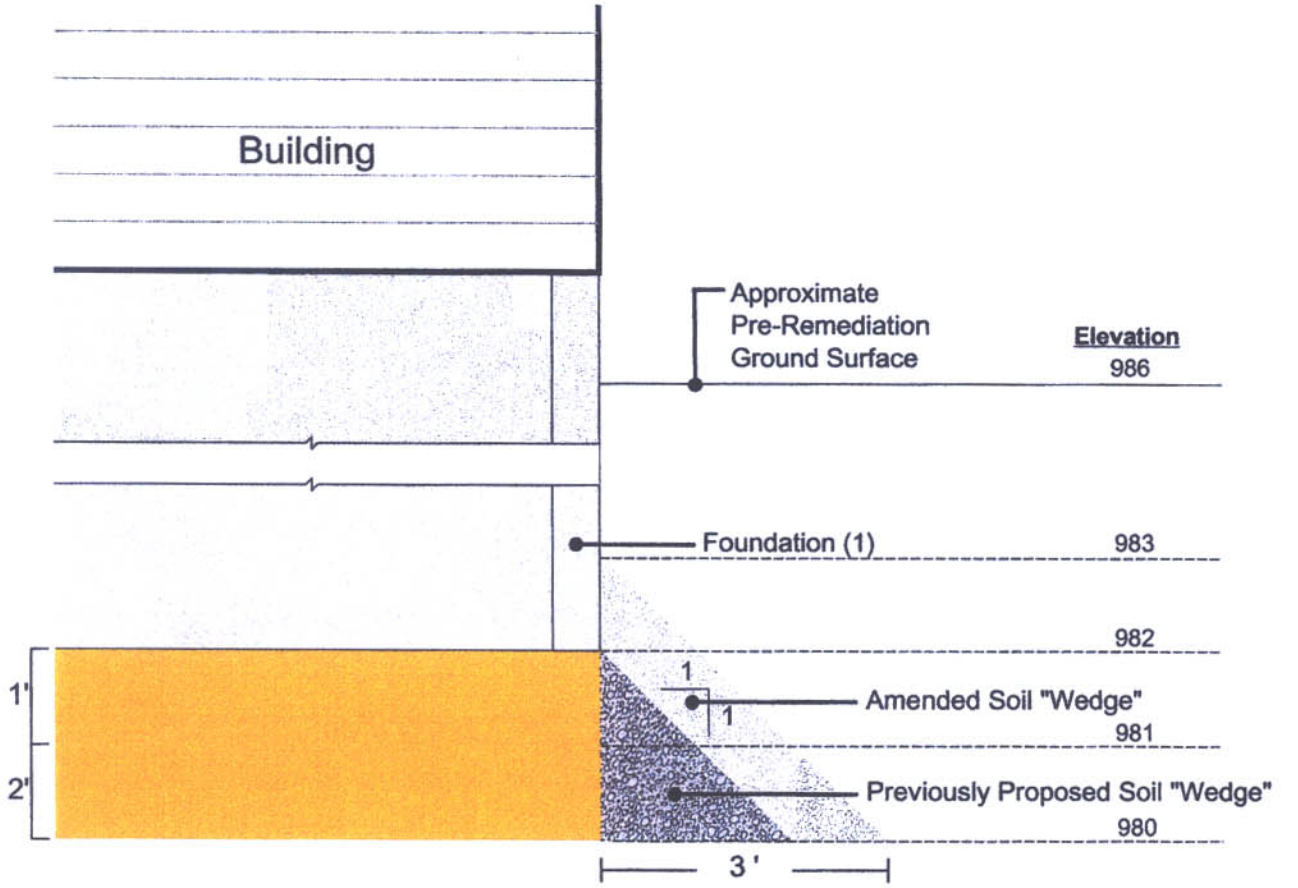
FIGURE 2



CROSS SECTION

NOT-TO-SCALE

Note:

1. Foundation depicted for reference purposes only, and may not reflect actual design/construction of these structures.

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
PARCEL J9-23-22

CROSS-SECTION OF SOIL "WEDGE" B

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FIGURE 3

05/26/04 SYR-D85-DJH LBR KFS
C:10112005/10112g01.cdr

Table 1 of GE's May 25, 2004 Submittal

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TABLE 1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
PARCEL J9-23-22

EVALUATION OF SOIL WEDGES FOR 4-INCH PIPE

I. Soil Wedge for Excavation to Elevation 981 (Figures 1 and 2)

A. Soil Wedge Characteristics

1. Total Length of Wedge	95 ft
2. Length of Wedge Attributed to J9-23-23-H-18	95 ft
3. Cross-Sectional Area of Each 1-Foot Section of Wedge (Figure 2) ((2 ft + 6 ft)/2 * 2 ft)	8 ft^2
4. Cross-Sectional Area of Pipe (Figure 2) (π * (2 $in)^2$) * (1 ft^2/144 in^2)	0.087 ft^2

B. Remaining Soil Wedge Volume and Concentration

1. Total Volume of Wedge (95 lf * (8 ft^2 - 0.087 ft^2)) / 27 cf/cy	27.84 cy
2. PCB Concentration Attributed to J9-23-23-H-18 (4-6 ft)	2,340 ppm
3. Volume x Average PCB Concentration (27.84 cy * 2,340 ppm)	65,150 cy-ppm **[1]**
4. Wedge Volume x Clean Backfill Concentration (27.84 cy * 0.021 ppm)	0.58 cy-ppm **[2]**

II. Invert Elevation Calculations

1. Elevation at top of 4-Inch Pipe at North End of Elevation 981 Excavation	983
2. Slope of Pipe (South Toward Newell Street)	-3/16 in/lf
3. Change in Elevation of top of 4-Inch Pipe from North End of Elevation 981 Excavation to North End of Elevation 980 Excavation	-1.5 ft
4. Elevation at top of 4-Inch Pipe at North End of Elevation 980 Excavation (983 - 1.5 ft)	981.5

Pipe has a 1.5% slope towards Newell Street. Nevertheless, as a conservative measure it was assumed that the elevation of the pipe where it entered the excavation remained constant throughout the excavation.

III. Soil Wedge from Elevation 981 to 980 (Figures 1 and 2)

A. Soil Wedge Characteristics

1. Total Length of Wedge	75 ft
2. Length of Wedge Attributed to J9-23-22-J-18	75 ft
3. Cross-Sectional Area of Each 1-Foot Section of Wedge (Figure 2) ((2 ft + 5 ft)/2 * 1.5 ft)	5.25 ft^2
4. Cross-Sectional Area of Pipe (Figure 2) (π * (2 $in)^2$) * (1 ft^2/144 in^2)	0.087 ft^2

TABLE 1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
PARCEL J9-23-22

EVALUATION OF SOIL WEDGES FOR 4-INCH PIPE

B. Remaining Soil Wedge Volume and Concentration

1.	Total Volume of Wedge (75 lf * (5.25 ft^2 - 0.087 ft^2)) / 27 cf/cy	14.34 cy
2.	PCB Concentration Attributed to J9-23-22-J-18 (4.5-6')	2,415 ppm
3.	Volume x Average PCB Concentration (14.34 cy * 2,415 ppm)	34,635 cy-ppm **[3]**
4.	Wedge Volume x Clean Backfill Concentration (14.34 cy * 0.021 ppm)	0.30 cy-ppm **[4]**

IV. Soil Wedges Combined

1.	Volume x Average PCB Concentration Add **[1]** plus **[3]** (65,150 cy-ppm + 34,635 cy-ppm)	99,785 cy-ppm **[5]**
2.	Wedge Volume x Clean Backfill Concentration Add **[2]** plus **[4]** (0.58 cy-ppm + 0.30 cy-ppm)	0.88 cy-ppm **[6]**

V. Effects of Soil Wedges on Overall Parcel Average (1- to 6-Foot Depth Increment)

A. Parcel-Wide Information

1.	Volume of Soil in Depth Increment (Table C-2 of August 2003 *Final RD/RA Work Plan for Newell Street Area I* [Final Work Plan])	5,287.17 cy **[7]**
2.	Post-Remediation Average PCB Concentration (Table C-1 of Final Work Plan)	138.29 ppm
3.	Volume x Average PCB Concentration (Table C-1 of Final Work Plan)	731,164.88 cy-ppm **[8]**

B. Revised Average PCB Concentration

1. "Volume x Average PCB Concentration" **[8]**, Subtract **[6]**, and Add **[5]**

   (731,164.88 cy-ppm) - (0.88 cy-ppm) + (99,785 cy-ppm) — 830,949 cy-ppm **[9]**

2. Divide **[9]** by Soil Volume for Depth Increment **[7]** to Yield Revised Average PCB Concentration for 1- to 6-Foot Depth Increment at Parcel J9-23-22

   (830,949 cy-ppm)/(5,287.17 cy) — 157.16 ppm

TABLE 1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
PARCEL J9-23-22

EVALUATION OF SOIL WEDGES FOR 4-INCH PIPE

VI. Effects of Soil Wedge on Overall Parcel Average (0- to 15-Foot Depth Increment)

A. Parcel-Wide Information

1.	Volume of Soil in Depth Increment (Table C-3 of Final Work Plan)	14,633.41 cy **[10]**
2.	Post-Remediation Average PCB Concentration (Table C-1 of Final Work Plan)	62.30 ppm
3.	Volume x Average PCB Concentration (Table C-1 of Final Work Plan)	911,596.06 cy-ppm **[11]**

B. Revised Average PCB Concentration

1. "Volume x Average PCB Concentration" **[11]**, Subtract **[6]**, and Add **[5]**

   (911,596.06 cy-ppm) - (0.88 cy-ppm) + (99,785 cy-ppm) 1,011,380.18 cy-ppm **[12]**

2. Divide **[12]** by Soil Volume for Depth Increment **[10]** to Yield Revised Average PCB Concentration for 0- to 15-Foot Depth Increment at Parcel J9-23-22

   (1,011,380.18 cy-ppm)/(14,633.41 cy) 69.11 ppm

Tables C1 through C3 of the Final RD/RA Work Plan

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TABLE C-1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
PARCELS J9-23-22

EVALUATION OF SOIL "WEDGES"

I. Soil "Wedge" A (Figures 1, 2, and 3)

A. Soil "Wedge" Characteristics

1. Total Length of "Wedge"	41.19 ft
2. Length of "Wedge" Attributed to J9-23-22-H-18	41.19 ft
3. Cross-Sectional Area of Each 1-Foot Section of "Wedge" (Figure C-3)	0.5 ft^2

B. Remaining Soil "Wedge" Volume and Concentration

1. Total Volume of "Wedge" (41.19 lf * 0.5 ft^2) / 27 cf/cy	0.76 cy
2. PCB Concentration Attributed to J9-23-22-H-18 (4-6 ft)	2,340 ppm
3. Volume x Average PCB Concentration (0.76 cy * 2,340 ppm)	1,778 cy-ppm **[1]**
4. "Wedge" Volume x Clean Backfill Concentration (0.76 cy * 0.021 ppm)	0.02 cy-ppm **[2]**

II. Soil "Wedge" B (Figures 1, 2, and 4)

A. Soil "Wedge" Characteristics

5. Total Length of "Wedge"	56.26 ft
6. Length of "Wedge" Attributed to J9-23-22-J-18	56.26 ft
7. Cross-Sectional Area of Each 1-Foot Section of "Wedge" (Figure C-4)	2 ft^2

B. Remaining Soil "Wedge" Volume and Concentration

1. Total Volume of "Wedge" (56.26 lf * 2 ft^2) / 27 cf/cy	4.17 cy
2. PCB Concentration Attributed to J9-23-22-J-18 (4-6 ft)	2,415 ppm
3. Volume x Average PCB Concentration (4.17 cy * 2,415 ppm)	10,071 cy-ppm **[3]**
4. "Wedge" Volume x Clean Backfill Concentration (4.17 cy * 0.021 ppm)	0.09 cy-ppm **[4]**

III. Soil "Wedges" A and B Combined

1. Volume x Average PCB Concentration Add **[1]** plus **[3]** (1,778 cy-ppm + 10,071 cy-ppm)	11,849 cy-ppm **[5]**
2. "Wedge" Volume x Clean Backfill Concentration Add **[2]** plus **[4]** (0.02 cy-ppm + 0.09 cy-ppm)	0.11 cy-ppm **[6]**

TABLE C-1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
PARCELS J9-23-22

EVALUATION OF SOIL "WEDGES"

IV. Effects of Soil "Wedge" on Overall Parcel Average (1- to 6-Foot Depth Increment)

A. Parcel-Wide Information

1. Volume of Soil in Depth Increment (Table C-2)	5,287.17 cy **[7]**
2. Post-Remediation Average PCB Concentration (Table C-2)	136.05 ppm
3. Volume x Average PCB Concentration (Table C-2)	719,315.99 cy-ppm **[8]**

B. Revised Average PCB Concentration

1. "Volume x Average PCB Concentration" **[8]**, Subtract **[6]**, and Add **[5]**

   (719,315.99 cy-ppm) - (0.11 cy-ppm) + (11,849 cy-ppm) = 731,164.88 cy-ppm **[9]**

2. Divide **[9]** by Soil Volume for Depth Increment **[7]** to Yield Revised Average PCB Concentration for 1- to 6-Foot Depth Increment at Parcel J9-23-22

   (731,164.88 cy-ppm)/(5,287.17 cy) = 138.29 ppm

V. Effects of Soil "Wedge" on Overall Parcel Average (0- to 15-Foot Depth Increment)

A. Parcel-Wide Information

1. Volume of Soil in Depth Increment (Table C-3)	14,633.41 cy **[10]**
2. Post-Remediation Average PCB Concentration (Table C-3)	61.49 ppm
3. Volume x Average PCB Concentration (Table C-3)	899,747.17 cy-ppm **[11]**

B. Revised Average PCB Concentration

1. "Volume x Average PCB Concentration" **[11]**, Subtract **[6]**, and Add **[5]**

   (899,747.17 cy-ppm) - (0.11 cy-ppm) + (11,849 cy-ppm) = 911,596.06 cy-ppm **[12]**

2. Divide **[12]** by Soil Volume for Depth Increment **[10]** to Yield Revised Average PCB Concentration for 0- to 15-Foot Depth Increment at Parcel J9-23-22

   (911,596.06 cy-ppm)/(14,633.41 cy) = 62.30 ppm

TABLE C-2
POST-REMEDIATION CONDITIONS
PARCEL J9-23-22 - 1- TO 6-FOOT DEPTH INCREMENT

NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

1- 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 (ppm)	Average PCB Conc. TIMES Total Volume
J9-23-22-D-16	336,426,428	3,301	1 - 3	***0.021***	244.52	0.02	5.13
J9-23-22-F-16	333,333B	3,345	1 - 3	***0.021***	247.75	0.02	5.20
J9-23-22-F-16	363A	20	1 - 3	***0.021***	1.50	0.02	0.03
J9-23-22-H-16	331	4,719	1 - 3	49	349.55	49.00	17,128.19
J9-23-22-J-18*	340	2,759	1 - 3	***0.021***	204.33	0.02	4.29
J9-23-22-K-18	340A	2,231	1 - 3	5.2	165.23	5.20	859.18
MO-1	322,322A	2,846	1 - 2	140	105.40	88.50	18,654.95
			2 - 3	37	210.79		
J9-23-12-B-16	440	100	1 - 3	***0.021***	7.41	0.02	0.16
SLO457	430	24	1 - 1.5	53.63	0.45	81.84	148.29
			1.5 - 2	110	0.91		
			2 - 2.5	53.74	1.36		
			2.5 - 3	110	1.81		
J9-23-21-J-16	361	2,801	1 - 3	9	207.52	9.00	1,867.65
FW-1	434	36	1 - 2	***0.021***	1.34	0.02	0.06
			2 - 3	***0.021***	2.68		
FW-16	435,437,438	1,481	1 - 2	130	54.85	96.00	10,530.99
			2 - 3	62	109.70		
FW-25	432	455	1 - 2	***0.021***	16.86	0.02	0.71
			2 - 3	***0.021***	33.72		
J9-23-23-F-18B	333A	834	1 - 3	***0.021***	61.77	0.02	1.30
J9-23-23-F-18B	333B	92	1 - 3	87	6.84	87.00	595.14
J9-23-23-H-18/N1-BH000326-0-0010*	364	3,506	1 - 3	***0.021***	259.73	0.02	5.45
Totals:	--	28,551	--	--	2,114.87	--	49,806.71
					Volume Weighted Average:		**23.55**

3- 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 (ppm)	Average PCB Conc. TIMES Total Volume
J9-23-22-D-16/N1-BH000322-0-0030	339,408,410	3,301	3 - 6	16	366.78	16.12	5,911.26
J9-23-22-F-16/N1-BH000321-0-0030	322,322A,380A	3,365	3 - 6	960	373.88	960.00	358,923.73
J9-23-22-H-16	321	4,719	3 - 6	15	524.33	15.00	7,864.98
J9-23-22-J-18/N1-BH000314-0-0030	316	2,759	3 - 6	***0.021***	306.50	0.02	6.44
J9-23-22-K-18	316A	2,231	3 - 6	**0.019**	247.84	0.02	4.71
MO-1	331,331A	2,846	3 - 4	37	105.40	265.67	83,999.96
			4 - 6	380	316.19		
J9-23-12-B-16	422	100	3 - 6	140	11.12	140.00	1,557.11
SLO457	412	24	3 - 6	560	2.72	560.00	1521.96
J9-23-21-J-16	378	2,801	3 - 6	4.7	311.27	4.70	1,462.99
FW-1	416	36	3 - 4	210	1.34	102.67	412.83
			4 - 6	49	4.02		
FW-16	417,419,420	1,481	3 - 4	62	54.85	640.67	105,419.56
			4 - 6	930	164.55		
FW-25	414	455	3 - 4	210	16.86	376.67	19,053.06
			4 - 6	460	50.58		
J9-23-23-F-18B	414A	926	3 - 6	810	102.92	810.00	83,362.50
J9-23-23-H-18	381,381A	3,506	3 - 6	***0.021***	389.60	0.02	8.18
Totals:	--	28,551	--	--	3,172.30	--	669,509.28
					Volume Weighted Average:		**211.05**

TABLE C-2
POST-REMEDIATION CONDITIONS
PARCEL J9-23-22 - 1- TO 6-FOOT DEPTH INCREMENT

NEWELL STREET AREA I
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 (ppm)	Average PCB Conc. TIMES Total Volume
Totals:	--	28,551	--	--	5,287.17	--	719,315.99
					Volume Weighted Average:		**136.05**

Notes:

1. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
4. 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 GE's *Proposed CD Backfill Data Set* (March 11, 2003).

TABLE C-3
POST-REMEDIATION CONDITIONS
PARCEL J9-23-22 - 0- TO 15-FOOT DEPTH INCREMENT

NEWELL STREET AREA I
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 (ppm)	Average PCB Conc. TIMES Total Volume
DD-N	2129,2842	290	0 - 0.5	***0.021***	5.36	0.02	0.11
DD-N*	2129A,2129B,2842A	88	0 - 0.5	***0.021***	1.63	0.02	0.03
DD-S	2131,2519A	325	0 - 0.5	***0.021***	6.02	0.02	0.13
DD-S*	2131A,2519	355	0 - 0.5	***0.021***	6.58	0.02	0.14
J9-23-22-C-16/N1-BH000323-0-0000*	2092,2092A,2844	403	0 - 0.5	***0.021***	7.47	0.02	0.16
J9-23-22-G-17	2557	338	0 - 0.5	33	6.27	33.00	206.81
J9-23-22-G-17*	2155,2557A,2802,2995	658	0 - 0.5	***0.021***	12.19	0.02	0.26
J9-23-22-H-16	2165	296	0 - 0.5	***0.021***	5.49	0.02	0.12
J9-23-22-H-16	2165A	932	0 - 0.5	2.8	17.26	2.80	48.33
J9-23-22-H-17	2151A	639	0 - 0.5	***0.021***	11.83	0.02	0.25
J9-23-22-H-17*	2151,2913	905	0 - 0.5	***0.021***	16.76	0.02	0.35
J9-23-22-J-17	2153A,2438	428	0 - 0.5	0.89	7.93	0.89	7.06
J9-23-22-J-17*	2153,2438A,2438B	880	0 - 0.5	***0.021***	16.29	0.02	0.34
J9-23-22-J-17	2438C	36	0 - 0.5	***0.021***	0.68	0.02	0.01
J9-23-22-J-18*	2164	1,192	0 - 0.5	***0.021***	22.07	0.02	0.46
J9-23-22-K-17	2158	1,269	0 - 0.5	0.06	23.50	0.06	1.41
J9-23-22-K-18	2156	1,377	0 - 0.5	34	25.49	34.00	866.78
MO-1	2097,2912	362	0 - 0.5	***0.021***	6.70	0.02	0.14
MO-3	2162	25	0 - 0.5	***0.021***	0.46	0.02	0.01
MO-3N1	2170	50	0 - 0.5	***0.021***	0.93	0.02	0.02
MO-3N2	2171	106	0 - 0.5	***0.021***	1.96	0.02	0.04
MO-3N3	2172	172	0 - 0.5	***0.021***	3.18	0.02	0.07
MO-3N4	2173	545	0 - 0.5	***0.021***	10.09	0.02	0.21
MO-3N4	2173A	71	0 - 0.5	0.93	1.31	0.93	1.21
MO-3S1	2176	399	0 - 0.5	***0.021***	7.38	0.02	0.15
MO-3S1	2176A	27	0 - 0.5	7.3	0.50	7.30	3.66
MO-3E1	2169	924	0 - 0.5	***0.021***	17.11	0.02	0.36
MO-3E1*	2169A	2	0 - 0.5	***0.021***	0.04	0.02	0.00
MO-3E1	2169B	5	0 - 0.5	12	0.09	12.00	1.04
MO-3W1	2174	42	0 - 0.5	***0.021***	0.78	0.02	0.02
MO-3W2	2978	2	0 - 0.5	***0.021***	0.04	0.02	0.00
MO-4	2102	25	0 - 0.5	***0.021***	0.46	0.02	0.01
MO-4N1	2130,2756	240	0 - 0.5	***0.021***	4.45	0.02	0.09
MO-4S1	2124,2718	244	0 - 0.5	***0.021***	4.52	0.02	0.09
MO-4S1*	2124A	78	0 - 0.5	***0.021***	1.44	0.02	0.03
MO-4E1	2123,2636,2956	50	0 - 0.5	***0.021***	0.93	0.02	0.02
MO-4E2	2125,2719,2864	95	0 - 0.5	***0.021***	1.75	0.02	0.04
MO-4E3	2126,2785	118	0 - 0.5	***0.021***	2.19	0.02	0.05
MO-4E3*	2785A	9	0 - 0.5	***0.021***	0.17	0.02	0.00
MO-4E4	2132,2520,2911	617	0 - 0.5	***0.021***	11.42	0.02	0.24
MO-4E4*	2911A	69	0 - 0.5	***0.021***	1.28	0.02	0.03
MO-4W1	2122,2637	120	0 - 0.5	***0.021***	2.23	0.02	0.05
MO-5*	2100	25	0 - 0.5	***0.021***	0.46	0.02	0.01
MO-5N1*	2113,2944	50	0 - 0.5	***0.021***	0.93	0.02	0.02
MO-5N2*	2964	41	0 - 0.5	***0.021***	0.76	0.02	0.02
MO-5S1*	2133	264	0 - 0.5	***0.021***	4.89	0.02	0.10
MO-5E1*	2115,2486	405	0 - 0.5	***0.021***	7.50	0.02	0.16
MO-5W1*	2114,2690	224	0 - 0.5	***0.021***	4.15	0.02	0.09
MO-6*	2099	25	0 - 0.5	***0.021***	0.46	0.02	0.01

See Notes on Page 7.

TABLE C-3
POST-REMEDIATION CONDITIONS
PARCEL J9-23-22 - 0- TO 15-FOOT DEPTH INCREMENT

NEWELL STREET AREA I
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 (ppm)	Average PCB Conc. TIMES Total Volume
MO-6N1*	2104	50	0 - 0.5	***0.021***	0.93	0.02	0.02
MO-6N2*	2105,2487	100	0 - 0.5	***0.021***	1.85	0.02	0.04
MO-6N3	2106,2106A,2846A	259	0 - 0.5	***0.021***	4.79	0.02	0.10
MO-6N3*	2106B,2106C,2846	87	0 - 0.5	***0.021***	1.61	0.02	0.03
MO-6S1*	2112	23	0 - 0.5	***0.021***	0.43	0.02	0.01
MO-6E1*	2109	50	0 - 0.5	***0.021***	0.92	0.02	0.02
MO-6E2*	2110,2987	93	0 - 0.5	***0.021***	1.73	0.02	0.04
MO-6E3	2111A	11	0 - 0.5	***0.021***	0.20	0.02	0.00
MO-6E3*	2111,2845,2943	420	0 - 0.5	***0.021***	7.78	0.02	0.16
MO-6W1*	2107	50	0 - 0.5	***0.021***	0.92	0.02	0.02
MO-6W2*	2108,2470,2759	192	0 - 0.5	***0.021***	3.56	0.02	0.07
MO-7	2101	25	0 - 0.5	***0.021***	0.46	0.02	0.01
MO-7N1	2116A	28	0 - 0.5	***0.021***	0.51	0.02	0.01
MO-7N1*	2116	22	0 - 0.5	***0.021***	0.41	0.02	0.01
MO-7N2	2117	29	0 - 0.5	***0.021***	0.53	0.02	0.01
MO-7N2*	2117A	96	0 - 0.5	***0.021***	1.77	0.02	0.04
MO-7N3	2121A	7	0 - 0.5	***0.021***	0.13	0.02	0.00
MO-7N3*	2121	302	0 - 0.5	***0.021***	5.60	0.02	0.12
MO-7S1	2120	205	0 - 0.5	***0.021***	3.79	0.02	0.08
MO-7E1	2119A	174	0 - 0.5	***0.021***	3.22	0.02	0.07
MO-7E1*	2119	515	0 - 0.5	***0.021***	9.53	0.02	0.20
MO-7W1	2118	285	0 - 0.5	***0.021***	5.27	0.02	0.11
MO-8*	2192	1,926	0 - 0.5	***0.021***	35.67	0.02	0.75
MO-9	2194	919	0 - 0.5	14	17.01	14.00	238.19
MO-9*	2194A	868	0 - 0.5	***0.021***	16.08	0.02	0.34
MO-10	2163A,2163B	86	0 - 0.5	***0.021***	1.59	0.02	0.03
MO-10*	2163	1,685	0 - 0.5	***0.021***	31.21	0.02	0.66
MO-11	2161	1,026	0 - 0.5	12	19.01	12.00	228.06
MO-P1	2209	347	0 - 0.5	***0.021***	6.43	0.02	0.14
MO-P1*	2209A	49	0 - 0.5	***0.021***	0.91	0.02	0.02
MO-P2*	2135	726	0 - 0.5	***0.021***	13.45	0.02	0.28
J9-23-21-D-15*	2757	47	0 - 0.5	***0.021***	0.87	0.02	0.02
J9-23-21-D-15	2757A	3	0 - 0.5	***0.021***	0.06	0.02	0.00
SZ-25	2436	38	0 - 0.5	0.68	0.70	0.68	0.47
FW-16	2473	30	0 - 0.5	***0.021***	0.55	0.02	0.01
FW-17	2880	63	0 - 0.5	***0.021***	1.17	0.02	0.02
FW-17*	2880A	27	0 - 0.5	***0.021***	0.49	0.02	0.01
FW-P1*	2982	0	0 - 0.5	***0.021***	0.00	0.02	0.00
FW-P2	2682	24	0 - 0.5	***0.021***	0.45	0.02	0.01
FW-P2*	2682A	293	0 - 0.5	***0.021***	5.42	0.02	0.11
FW-P3*	2832	584	0 - 0.5	***0.021***	10.82	0.02	0.23
FW-P3	2832A	10	0 - 0.5	***0.021***	0.19	0.02	0.00
J9-23-23-F-18B*	2135A	25	0 - 0.5	***0.021***	0.46	0.02	0.01
J9-23-23-H-18*	2720,2721	344	0 - 0.5	***0.021***	6.37	0.02	0.13
J9-23-23-I-18/N1-BH000325-0-0000*	2760	572	0 - 0.5	***0.021***	10.59	0.02	0.22
Totals:	--	28,558	--	--	528.85	--	1,611.63
					Volume Weighted Average:		**3.05**

See Notes on Page 7.

TABLE C-3
POST-REMEDIATION CONDITIONS
PARCEL J9-23-22 - 0- TO 15-FOOT DEPTH INCREMENT

NEWELL STREET AREA I
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 (ppm)	Average PCB Conc. TIMES Total Volume
J9-23-22-C-16/N1-BH000323-0-0000	898	234	0.5 - 1	***0.021***	4.33	0.02	0.09
J9-23-22-C-16/N1-BH000323-0-0000*	898A,898B,898C	1,337	0.5 - 1	***0.021***	24.76	0.02	0.52
J9-23-22-G-17*	901,1083,1085,1085B,1332	1,392	0.5 - 1	***0.021***	25.78	0.02	0.54
J9-23-22-G-17	1083A	54	0.5 - 1	***0.021***	0.99	0.02	0.02
J9-23-22-G-17	1085A	517	0.5 - 1	33	9.58	33.00	316.07
J9-23-22-H-16	903	1,743	0.5 - 1	2.8	32.28	2.80	90.38
J9-23-22-H-16*	903B	333	0.5 - 1	***0.021***	6.16	0.02	0.13
J9-23-22-H-16	903C	1,471	0.5 - 1	***0.021***	27.24	0.02	0.57
J9-23-22-H-17*	902, 1333	1,458	0.5 - 1	***0.021***	26.99	0.02	0.57
J9-23-22-H-17	902A	1,084	0.5 - 1	***0.021***	20.07	0.02	0.42
J9-23-22-J-17	922, 1076	1,466	0.5 - 1	0.89	27.14	0.89	24.16
J9-23-22-J-17*	922A,1076A,1076B	1,013	0.5 - 1	***0.021***	18.76	0.02	0.39
J9-23-22-J-17	1076C	700	0.5 - 1	***0.021***	12.96	0.02	0.27
J9-23-22-J-18*	886	1,192	0.5 - 1	***0.021***	22.07	0.02	0.46
J9-23-22-K-17	927	1,327	0.5 - 1	0.06	24.58	0.06	1.47
J9-23-22-K-18	926	1,377	0.5 - 1	34	25.49	34.00	866.78
MO-1	919,1330	2,681	0.5 - 1	***0.021***	49.65	0.02	1.04
MO-1*	919A,919B	2,029	0.5 - 1	***0.021***	37.58	0.02	0.79
J9-23-21-D-15	1251A,1251D	188	0.5 - 1	***0.021***	3.48	0.02	0.07
J9-23-21-D-15*	1251,1251B,1251C	1,288	0.5 - 1	***0.021***	23.86	0.02	0.50
J9-23-21-I-15	1247	69	0.5 - 1	***0.021***	1.28	0.02	0.03
N1-BH000802-0-0000*	903A	12	0.5 - 1	***0.021***	0.22	0.02	0.00
SZ-30*	1249	206	0.5 - 1	***0.021***	3.81	0.02	0.08
FW-1*	1259	507	0.5 - 1	***0.021***	9.39	0.02	0.20
FW-16	1260B,1260D	341	0.5 - 1	***0.021***	6.31	0.02	0.13
FW-16*	1260,1260C	356	0.5 - 1	***0.021***	6.59	0.02	0.14
FW-25*	1081A,1329	457	0.5 - 1	***0.021***	8.47	0.02	0.18
J9-23-23-D-17/N1-BH000344-0-0000*	1258	200	0.5 - 1	***0.021***	3.70	0.02	0.08
J9-23-23-F-18B	1081	1,545	0.5 - 1	4.6	28.62	4.60	131.64
J9-23-23-F-18B*	1081B	50	0.5 - 1	***0.021***	0.92	0.02	0.02
J9-23-23-G-18	1257	9	0.5 - 1	***0.021***	0.17	0.02	0.00
J9-23-23-H-18*	1255, 1331	536	0.5 - 1	***0.021***	9.93	0.02	0.21
J9-23-23-I-18/N1-BH000325-0-0000*	1254	1,382	0.5 - 1	***0.021***	25.58	0.02	0.54
Totals:	--	28,552	--	--	528.74	--	1,438.51
					Volume Weighted Average:		**2.72**

1- 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 (ppm)	Average PCB Conc. TIMES Total Volume
J9-23-22-D-16	336,426,428	3,301	1 - 3	***0.021***	244.52	0.02	5.13
J9-23-22-F-16	333,333B	3,345	1 - 3	***0.021***	247.75	0.02	5.20
J9-23-22-F-16	363A	20	1 - 3	***0.021***	1.50	0.02	0.03
J9-23-22-H-16	331	4,719	1 - 3	49	349.55	49.00	17,128.19
J9-23-22-J-18*	340	2,759	1 - 3	***0.021***	204.33	0.02	4.29
J9-23-22-K-18	340A	2,231	1 - 3	5.2	165.23	5.20	859.18
MO-1	322,322A	2,846	1 - 2	140	105.40	88.50	18,654.95
			2 - 3	37	210.79		
J9-23-12-B-16	440	100	1 - 3	***0.021***	7.41	0.02	0.16

See Notes on Page 7.

TABLE C-3
POST-REMEDIATION CONDITIONS
PARCEL J9-23-22 - 0- TO 15-FOOT DEPTH INCREMENT

NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

1- 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 (ppm)	Average PCB Conc. TIMES Total Volume
SLO457	430	24	1 - 1.5	53.63	0.45	81.84	148.29
			1.5 - 2	110	0.91		
			2 - 2.5	53.74	1.36		
			2.5 - 3	110	1.81		
J9-23-21-J-16	361	2,801	1 - 3	9	207.52	9.00	1,867.65
FW-1	434	36	1 - 2	***0.021***	1.34	0.02	0.06
			2 - 3	***0.021***	2.68		
FW-16	435,437,438	1,481	1 - 2	130	54.85	96.00	10,530.99
			2 - 3	62	109.70		
FW-25	432	Polygon(s) removed from further evaluation to represent the placement of an engineered barrier.					
		Polygon(s) removed from further evaluation to represent the placement of an engineered barrier.					
J9-23-23-F-18B	333A	Polygon(s) removed from further evaluation to represent the placement of an engineered barrier.					
J9-23-23-F-18B	333B	Polygon(s) removed from further evaluation to represent the placement of an engineered barrier.					
J9-23-23-H-18/N1-BH000326-0-0010*	364	3,506	1 - 3	***0.021***	259.73	0.02	5.45
Totals:	--	27,169	--	--	2,012.53	--	49,209.56
					Volume Weighted Average:		**24.45**

3- 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 (ppm)	Average PCB Conc. TIMES Total Volume
J9-23-22-D-16/N1-BH000322-0-0030	339,408,410	3,301	3 - 6	16	366.78	16.12	5,911.26
J9-23-22-F-16/N1-BH000321-0-0030	322,322A,380A	3,365	3 - 6	960	373.88	960.00	358,923.73
J9-23-22-H-16	321	4,719	3 - 6	15	524.33	15.00	7,864.98
J9-23-22-J-18/N1-BH000314-0-0030	316	2,759	3 - 6	***0.021***	306.50	0.02	6.44
J9-23-22-K-18	316A	2,231	3 - 6	**0.019**	247.84	0.02	4.71
MO-1	331,331A	2,846	3 - 4	37	105.40	265.67	83,999.96
			4 - 6	380	316.19		
J9-23-12-B-16	422	100	3 - 6	140	11.12	140.00	1,557.11
SLO457	412	24	3 - 6	560	2.72	560.00	1521.96
J9-23-21-J-16	378	2,801	3 - 6	4.7	311.27	4.70	1,462.99
FW-1	416	36	3 - 4	210	1.34	102.67	412.83
			4 - 6	49	4.02		
FW-16	417,419,420	1,481	3 - 4	62	54.85	640.67	105,419.56
			4 - 6	930	164.55		
FW-25	414	Polygon(s) removed from further evaluation to represent the placement of an engineered barrier.					
		Polygon(s) removed from further evaluation to represent the placement of an engineered barrier.					
J9-23-23-F-18B	414A	Polygon(s) removed from further evaluation to represent the placement of an engineered barrier.					
J9-23-23-H-18	381,381A	3,506	3 - 6	***0.021***	389.60	0.02	8.18
Totals:	--	27,169	--	--	3,018.80	--	567,093.72
					Volume Weighted Average:		**187.85**

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 (ppm)	Average PCB Conc. TIMES Total Volume
J9-23-22-D-16	221,221A,221B	3,301	6 - 8	**0.018**	244.52	0.02	4.28
J9-23-22-H-16	220	7,139	6 - 8	**0.019**	528.83	0.02	9.78
J9-23-22-J-18	219	5,326	6 - 8	8	394.52	8.00	3,156.14

See Notes on Page 7.

TABLE C-3
POST-REMEDIATION CONDITIONS
PARCEL J9-23-22 - 0- TO 15-FOOT DEPTH INCREMENT

NEWELL STREET AREA I
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 (ppm)	Average PCB Conc. TIMES Total Volume
MO-1	228	4,081	6 - 8	0.48	302.28	0.48	145.10
J9-23-12-B-16	323	100	6 - 8	0.27	7.41	0.27	2.00
SLO457	311	24	6 - 8	270	1.81	270.00	489.20
J9-23-21-J-16	257	3,264	6 - 8	**0.021**	241.79	0.02	4.96
SZ-5	262,262A	1,461	6 - 8	**0.025**	108.24	0.03	2.71
SZ-30	307	Polygon(s) removed from further evaluation to represent the placement of an engineered barrier.					
FW-1	324	36	6 - 8	61	2.68	61.00	163.53
FW-16	326,326A,326B	1,481	6 - 8	2,300	109.70	2300.00	252,308.30
FW-25	327	Polygon(s) removed from further evaluation to represent the placement of an engineered barrier.					
J9-23-23-F-18	220B	22	6 - 8	53	1.61	53.00	85.59
J9-23-23-F-18BS	259	Polygon(s) removed from further evaluation to represent the placement of an engineered barrier.					
J9-23-23-H-18B	220A	7	6 - 8	21	0.52	21.00	10.90
Totals:	--	26,243	--	--	1,943.92	--	256,382.48
					Volume Weighted Average:		**131.89**

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 (ppm)	Average PCB Conc. TIMES Total Volume
J9-23-22-D-16	3349,3349A,3349B	3,301	8 - 10	**0.018**	244.52	0.02	4.28
J9-23-22-H-16	3348	8,213	8 - 10	**0.019**	608.34	0.02	11.25
J9-23-22-J-18	3347	5,326	8 - 10	8	394.52	8.00	3,156.17
MO-1	3357	4,199	8 - 10	23	311.04	23.00	7,153.89
J9-23-12-B-16	3519	100	8 - 10	0.27	7.41	0.27	2.00
SLO457	3501	24	8 - 10	270	1.81	270.00	489.20
J9-23-21-J-16	3432	3,264	8 - 10	**0.021**	241.79	0.02	4.96
SZ-30	3497	220	8 - 10	17	16.31	17.00	277.20
FW-1	3518	36	8 - 10	66	2.68	66.00	176.93
FW-16	3522,3522A,3522B	1,481	8 - 10	0.39	109.70	0.39	42.78
FW-25	3517,3517A	Polygon(s) removed from further evaluation to represent the placement of an engineered barrier.					
J9-23-23-F-18	3436	22	8 - 10	53	1.61	53.00	85.43
J9-23-23-F-18BS	3434	Polygon(s) removed from further evaluation to represent the placement of an engineered barrier.					
J9-23-23-H-18B	3516	7	8 - 10	21	0.52	21.00	10.87
Totals:	--	26,193	--	--	1,940.26	--	11,414.96
					Volume Weighted Average:		**5.88**

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 (ppm)	Average PCB Conc. TIMES Total Volume
J9-23-22-D-16	678,678C,678D	3,301	10 - 12	11	244.52	11.00	2,689.76
J9-23-22-H-16	677	8,213	10 - 12	**0.021**	608.34	0.02	12.47
J9-23-22-J-18	672	5,326	10 - 12	0.29	394.52	0.29	114.41
MO-1	691	4,199	10 - 12	3.3	311.04	3.30	1,026.43
J9-23-12-B-16	866	100	10 - 12	**0.021**	7.41	0.02	0.15
SLO457	826	24	10 - 12	9.2	1.81	9.20	16.67
J9-23-21-J-16	757	3,264	10 - 12	**0.021**	241.79	0.02	4.96

See Notes on Page 7.

TABLE C-3
POST-REMEDIATION CONDITIONS
PARCEL J9-23-22 - 0- TO 15-FOOT DEPTH INCREMENT

NEWELL STREET AREA I
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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 (ppm)	Average PCB Conc. TIMES Total Volume
SZ-30	865	220	10 - 12	54	16.31	54.00	880.52
FW-1	678A	36	10 - 12	3.2	2.68	3.20	8.58
FW-16	787,787A,787B	1,481	10 - 12	1.05	109.70	1.05	115.18
FW-25	840A	Polygon(s) removed from further evaluation to represent the placement of an engineered barrier.					
J9-23-23-F-18	860	22	10 - 12	7	1.61	7.00	11.28
J9-23-23-F-18BS	840	Polygon(s) removed from further evaluation to represent the placement of an engineered barrier.					
J9-23-23-H-18B	677A	7	10 - 12	0.041	0.52	0.04	0.02
Totals:	--	26,193	--	--	1,940.26	--	4,880.43
					Volume Weighted Average:		**2.52**

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 (ppm)	Average PCB Conc. TIMES Total Volume
J9-23-22-D-16	495,495A,495B	5,055	12 - 14	11	374.41	11.00	4,118.49
J9-23-22-H-16	494	8,183	12 - 14	**0.021**	606.12	0.02	12.43
J9-23-22-J-18	491	5,326	12 - 14	0.29	394.52	0.29	114.41
J9-23-12-B-16	696	100	12 - 14	**0.021**	7.41	0.02	0.15
SLO457	690	24	12 - 14	9.2	1.81	9.20	16.67
J9-23-21-J-16	590	3,264	12 - 14	**0.021**	241.79	0.02	4.96
SZ-6	686	771	12 - 14	0.030	57.11	0.03	1.71
SZ-30	687	Polygon(s) removed from further evaluation to represent the placement of an engineered barrier.					
FW-1	694	36	12 - 14	0.85	2.68	0.85	2.28
FW-16	695,695A,695B	1,481	12 - 14	0.27	109.70	0.27	29.62
J9-23-23-F-18	623	22	12 - 14	7	1.61	7.00	11.28
J9-23-23-F-18BS	621	Polygon(s) removed from further evaluation to represent the placement of an engineered barrier.					
J9-23-23-H-18B	691	7	12 - 14	0	0.52	0.04	0.02
Totals:	--	24,269	--	--	1,797.69	--	4,312.02
					Volume Weighted Average:		**2.40**

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 (ppm)	Average PCB Conc. TIMES Total Volume
J9-23-22-D-16	441	5,657	14 - 15	11	209.51	11.00	2,304.59
J9-23-22-H-16	440	8,216	14 - 15	**0.021**	304.28	0.02	6.24
J9-23-22-J-18	437	5,326	14 - 15	0.29	197.26	0.29	57.21
J9-23-12-B-16	607	817	14 - 15	**0.021**	30.25	0.02	0.62
SLO457	604	29	14 - 15	9	1.06	9.20	9.74
J9-23-21-J-16	517	3,264	14 - 15	**0.021**	120.90	0.02	2.48
SZ-30	601	1,373	14 - 15	20	50.86	20.00	1,017.15
FW-1	606	194	14 - 15	**0.025**	7.19	0.03	0.18
J9-23-23-F-18	548	22	14 - 15	7	0.81	7.00	5.64
J9-23-23-F-18BS	546	Polygon(s) removed from further evaluation to represent the placement of an engineered barrier.					
J9-23-23-H-18B	336	7	14 - 15	0.041	0.26	0.04	0.01
Totals:	--	24,904	--	--	922.37	--	3,403.85
					Volume Weighted Average:		**3.69**

See Notes on Page 7.

TABLE C-3
POST-REMEDIATION CONDITIONS
PARCEL J9-23-22 - 0- TO 15-FOOT DEPTH INCREMENT

NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

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 (ppm)	Average PCB Conc. TIMES Total Volume
Totals:	--	26,583	--	--	14,633.41	--	899,747.17
					Volume Weighted Average:		**61.49**

Notes:

1. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
4. 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 GE's *Proposed CD Backfill Data Set* (March 11, 2003).