REPORT

05-0107
SDMS 42085

Pre-Design Investigation Report for Newell Street Area II Removal Action

Volume II of II

General Electric Company
Pittsfield, Massachusetts

February 2003

BBL®
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

REPORT

Pre-Design Investigation Report for Newell Street Area II Removal Action

Volume II of II

General Electric Company
Pittsfield, Massachusetts

February 2003

BBL®
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Table of Contents

Appendices

BBL®
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Appendix A

Soil Boring Logs

BBL®
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Date Start/Finish: 10/9/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor Mounted Power Probe
Sample Method: 4' Macrocore

Northing: 532714.36
Easting: 131885.45
Casing Elevation: NA

Borehole Depth: 15' below grade
Surface Elevation: 982.4

Descriptions By: JAB

Boring ID: GE-11

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985 / 0							
						Pre-probe to 10', no samples collected.	
980 / 5							Borehole backfilled with Bentonite.
975 / 10	1	10-12	1.1	0.0		Brown-gray coarse SAND, trace fine to medium Sand and fine to medium Gravel.	
970 / 15	2	12-15	3.0	0.0		Gray fine SAND and SILT, moist. Gray tight fine SAND and SILT, some fine to medium Gravel (poorly sorted) (TILL).	

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 10'-15': PCBs.

Date Start/Finish: 10/24/02 **Drilling Company:** BBL **Driller's Name:** JJB **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Tractor-mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 532424.79 **Easting:** 131532.90 **Casing Elevation:** NA **Borehole Depth:** 15' below grade **Surface Elevation:** 978.5 **Descriptions By:** JAB	**Boring ID:** NS-29 **Client:** General Electric Company **Location:** Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
980							
0						Preprobe to 4', no samples collected.	
975							Borehole backfilled with Bentonite.
5	1	4-6	3.5	0.0		Brown fine SAND, some Silt, moist.	
	2	6-8		0.0		Brown fine to medium SAND, moist.	
970	3	8-10	2.5	0.0		Brown coarse to fine SAND, little fine to medium Gravel, trace silt, wet.	
10	4	10-12		0.0		Brown coarse to fine SAND, some fine to medium Gravel, wet.	
965	5	12-15	1.7	0.0		Gray-brown coarse to fine SAND, some fine to medium gravel, wet.	
15							

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 4'-6': PCBs;
6'-10': PCBs;
10'-15': PCBs.

Date Start/Finish: 10/24/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor Mounted Power Probe
Sample Method: 4' Macrocore

Northing: 532524.23
Easting: 131319.56
Casing Elevation: NA

Borehole Depth: 24' below grade
Surface Elevation: 978.8

Descriptions By: JAB

Boring ID: RAA13-1

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
980							
0	1	0-1	2.4	0.0		Dark brown fine SAND, some Silt, trace organics.	Borehole backfilled with Bentonite.
	2	1-3		0.0			
	3	3-4		0.0			
975	4	4-6	2.8	0.0		Orange-brown fine SAND, trace Glass and Organics.	
5	5	6-8		0.0		Gray-brown fine SAND, some Silt, trace organics.	
970	6	8-10	2.8	0.0		Gray SILT, trace Clay.	
10	7	10-12		0.0		Gray-brown fine to coarse SAND, some fine to coarse Gravel, wet.	
965	8	12-15	2.2	0.0		Orange-brown coarse to fine SAND, some coarse to fine Gravel, wet.	
15	9	15-16		0.0			

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs;
1'-3': PCBs;
3'-6': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;
10'-15': PCBs;
21'-23': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF.
VOCs collected at 4'-6'.

Client:
General Electric Company

Site Location:
Newell Street Area II

Boring ID: RAA13-1

Borehole Depth: 24' below grade

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
960 / 20	10	16-20	3.8	0.0		Gray fine to medium SAND, wet.	Borehole backfilled with Bentonite.
						Gray fine SAND, wet.	
						Gray fine SAND, trace fine to medium Gravel.	
955	11	20-24	4.0	0.0		Gray-orange fine SAND and SILT (light), little fine to coarse poorly sorted Gravel (TILL).	
25							
950							
30							
945							
35							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs;
1'-3': PCBs;
3'-6': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;
10'-15': PCBs;
21'-23': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF.
VOCs collected at 4'-6'.

Date Start/Finish: 9/26/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 2' Macrocore

Northing: 532775.19
Easting: 132007.29
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 982.3

Descriptions By: JAB

Boring ID: RAA13-A1

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1	1.0	0.0		ASPHALT. Gray-brown fine SAND, some fine Gravel, dry.	Borehole backfilled with Bentonite.
980							
5							
975							
10							
970							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 10/22/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 532507.87
Easting: 131200.64
Casing Elevation: NA

Borehole Depth: 15' below grade
Surface Elevation: 981.1

Descriptions By: JAB

Boring ID: RAA13-A83

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 / 980	1	0-1	3.2	0.0		Light brown fine SAND, little Silt, trace clay and organics.	Borehole backfilled with Bentonite.
	2	1-3		0.0			
	3	3-4		0.0			
5 / 975	4	4-6	3.4	0.0		Gray-brown fine SAND, some Silt, moist.	
	5	6-8		0.0			
	6	8-10	4.0	0.0		Gray-brown fine SAND, some Silt, wet.	
10 / 970	7	10-12		0.0		Gray-brown fine to medium SAND, some Silt, trace peat, wet.	
	8	12-15	2.5	0.0		Orange-brown fine SAND, some Silt, wet.	
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;
1'-3': VOCs, SVOCs, Inorganics, PCDD/PCDF;
10'-15': VOCs, SVOCs, Inorganics, PCDD/PCDF.
VOCs collected at 12'-15'.

Date Start/Finish: 10/22/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 532522.27
Easting: 131247.85
Casing Elevation: NA

Borehole Depth: 10' below grade
Surface Elevation: 979.9

Descriptions By: JAB

Boring ID: RAA13-A84

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 980	1	0-1	3.4	0.0		Dark brown fine SAND, trace Silt, fine to medium Gravel and Organics.	Borehole backfilled with Bentonite.
						Light brown fine SAND, little fine to medium Gravel.	
	2	1-3		0.0		Orange-gray fine SAND, little Silt, mottled.	
	3	3-4		0.0			
5 975	4	4-6	2.1	0.0		Brown fine SAND, some Silt, little fine to medium gravel, moist.	
	5	6-8		0.0			
10 970	6	8-10	1.2	0.0		Gray-brown fine to coarse SAND, some fine to coarse Gravel, wet.	
15 965							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;
1'-3': VOCs, SVOCs, Inorganics, PCDD/PCDF;
6'-10': VOCs, SVOCs, Inorganics, PCDD/PCDF.
VOCs collected at 6'-8'.

Date Start/Finish: 10/15/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532539.17
Easting: 131295.44
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 979.5

Descriptions By: JJB

Boring ID: RAA13-A85

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
980 / 0	1	0-1	1.0	0.0		Brown fine SAND, little Silt, trace organics.	Borehole backfilled with Bentonite.
975 / 5							
970 / 10							
965 / 15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 10/22/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 532554.79
Easting: 131342.70
Casing Elevation: NA

Borehole Depth: 3' below grade
Surface Elevation: 979.2

Descriptions By: JAB

Boring ID: RAA13-A86

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
980 / 0							
	1	0-1	2.4	0.0		Light brown fine SAND, trace Silt and Organics, little fine to medium gravel.	
	2	1-3		0.0		Orange-brown fine SAND, little Silt and fine to medium Gravel.	Borehole backfilled with Bentonite.
975 / 5							
970 / 10							
965 / 15							

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;
1'-3': VOCs, SVOCs, Inorganics, PCDD/PCDF.

Date Start/Finish: 10/15/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Pust
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532570.76
Easting: 131390.42
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 979.4

Descriptions By: JJB

Boring ID: RAA13-A87

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
980 / 0							
	1	0-1	1.0	0.0		Brown fine SAND, some Silt, trace organics and porcelain (FILL).	Borehole backfilled with Bentonite.
975 / 5							
970 / 10							
965 / 15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 10/4/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532600.57
Easting: 131485.25
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 983.3

Descriptions By: JAB

Boring ID: RAA13-A89

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1	1.0	0.0		Dark brown fine SAND, trace fine to coarse Gravel and Organics.	Borehole backfilled with Bentonite.
						Dark brown-black fine SAND.	
						Light brown fine SAND, some Silt.	
980							
5							
975							
10							
970							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF.

Date Start/Finish: 10/4/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532616.63
Easting: 131532.54
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 983.3

Descriptions By: JAB

Boring ID: RAA13-A90

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1	1.0	0.0		Dark brown fine SAND, trace Silt and Organics.	Borehole backfilled with Bentonite.
						Brown fine SAND, trace Silt and Organics.	
980							
5							
975							
10							
970							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 10/4/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532630.00
Easting: 131581.48
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 1003.6

Descriptions By: JAB

Boring ID: RAA13-A91

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
1005							
0	1	0-1	1.0	0.0		Dark brown fine SAND, trace Silt and Organics.	Borehole backfilled with Bentonite.
						Gray-black fine SAND.	
1000							
5							
995							
10							
990							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 9/30/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 2' Macrocore

Northing: 532665.05
Easting: 131675.02
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 983.7

Descriptions By: JAB

Boring ID: RAA13-A93

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1	1.0	0.0		ASPHALT. Gray-brown fine SAND, some fine to coarse Gravel.	Borehole backfilled with Bentonite.
980							
5							
975							
10							
970							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 9/30/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 2' Macrocore

Northing: 532679.53
Easting: 131722.67
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 983.9

Descriptions By: JAB

Boring ID: RAA13-A94

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1	1.0	0.0		ASPHALT. Gray-brown fine SAND, some fine to medium Gravel.	Borehole backfilled with Bentonite.
980							
5							
975							
10							
970							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF.

Date Start/Finish: 9/26/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 532696.53
Easting: 131770.15
Casing Elevation: NA

Borehole Depth: 3' below grade
Surface Elevation: 983.7

Descriptions By: JAB

Boring ID: RAA13-A95

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1				Pre-probe to 1'; no samples collected.	
	2	1-3	1.8	0.0		Brown fine SAND, some fine to medium Gravel, trace silt, dry.	Borehole backfilled with Bentonite.
980							
5							
975							
10							
970							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 1-3': VOCs, SVOCs, Inorganics, PCDD/PCDF.

Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 2' Macrocore

Easting: 131817.62
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 983.5

Descriptions By: JAB

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1	1.0	0.0		ASPHALT. Brown fine SAND, little fine to medium Gravel, trace silt, dry.	Borehole backfilled with Bentonite.
980							
5							
975							
10							
970							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 10/9/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532726.93
Easting: 131864.80
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 983.1

Descriptions By: JAB

Boring ID: RAA13-A97

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1	1.0	0.0		Dark brown fine SAND, trace Silt and Organics.	Borehole backfilled with Bentonite.
980							
5							
975							
10							
970							
15							

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF.

Date Start/Finish: 10/9/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 332742.30
Easting: 131912.70
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 983.1

Descriptions By: JAB

Boring ID: RAA13-A98

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1	1.0	0.0		Dark brown fine SAND, some Silt, trace fine gravel and organics.	Borehole backfilled with Bentonite.
						Light brown fine SAND, some Silt, trace fine gravel and organics.	
980							
5							
975							
10							
970							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 9/26/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 2' Macrocore

Northing: 532755.05
Easting: 131957.85
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 987.9

Descriptions By: JAB

Boring ID: RAA13-A99

Client: General Electric Company

Location: Newell Street Area II

DEPTH ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
990							
0	1	0-1	1.0	0.0		ASPHALT. Brown fine SAND, some fine to medium Gravel, dry.	Borehole backfilled with Bentonite.
985							
5							
980							
10							
975							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs, VOCs. SVOCs, Inorganics, PCDD/PCDF.

Date Start/Finish: 9/26/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 2' Macrocore

Northing: 532727.48
Easting: 132022.85
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 983.4

Descriptions By: JAB

Boring ID: RAA13-B1

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1	1.0	0.0		ASPHALT. Dark brown fine SAND, trace Silt and fine to medium Gravel, dry.	Borehole backfilled with Bentonite.
980							
5							
975							
10							
970							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF.

Date Start/Finish: 9/26/02 **Drilling Company:** BBL **Driller's Name:** JJB **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Tractor-mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 532748.46 **Easting:** 132070.35 **Casing Elevation:** NA **Borehole Depth:** 15' below grade **Surface Elevation:** 983.3 **Descriptions By:** JAB	**Boring ID:** RAA13-B2 **Client:** General Electric Company **Location:** Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1	3.2	0.0		Brown fine SAND, trace fine Gravel.	
						CONCRETE.	
	2	1-3		0.0		Dark brown fine SAND, little Silt, trace fine gravel and grass.	
980	3	3-4		0.0			Borehole backfilled with Bentonite.
5	4	4-6	4.0	0.3		Dark brown fine SAND and SILT, moist.	
	5	6-8		4.7			
975	6	8-10	3.4	0.0		Gray-brown fine SAND, some Silt, moist.	
10	7	10-12		0.0		Gray fine SAND, trace fine Gravel, moist.	
970	8	12-15	1.8	0.0		Gray fine SAND, trace Silt, some fine to medium gravel.	
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs;
1'-3': PCBs; 3'-6': PCBs;
6'-10': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;
10'-15': PCBs; Duplicate sample ID: NEW2-Dup-1
(PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF, 6'-10').
VOCs collected at 6'-8'.

Date Start/Finish: 9/26/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 2' Macrocore

Northing: 532757.95
Easting: 132117.79
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 984.2

Descriptions By: JAB

Boring ID: RAA13-B3

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1	1.0	0.0		ASPHALT. Brown fine SAND, trace Silt and fine to medium gravel, dry.	Borehole backfilled with Bentonite.
980 5							
975 10							
970 15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 10/24/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Electric Jack Hammer
Sample Method: 4' Macrocore

Northing: 532383.65
Easting: 130975.42
Casing Elevation: NA

Borehole Depth: 6' below grade
Surface Elevation: 984.5

Descriptions By: JAB

Boring ID: RAA13-B78

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1	3.8	0.0		Dark brown fine SAND, little Silt, trace organics.	
	2	1-3		0.0		Brown fine SAND, trace Organics.	
	3	3-4		0.0			Borehole backfilled with Bentonite.
980 5	4	4-6	2.0	0.0		Brown fine SAND.	
975 10							
970 15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': VOCs, SVOCs, Inorganics, PCDD/PCDF;
1'-3': VOCs, SVOCs, Inorganics, PCDD/PCDF;
3'-6': VOCs, SVOCs, Inorganics, PCDD/PCDF.
VOCs collected at 4'-6'.

Date Start/Finish: 10/24/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Electric Jack Hammer
Sample Method: 4' Macrocore

Northing: 532409.82
Easting: 131004.41
Casing Elevation: NA

Borehole Depth: 10' below grade
Surface Elevation: 982.7

Descriptions By: JAB

Boring ID: RAA13-B79

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1	2.8	0.0		Dark brown fine SAND, trace Silt and Organics.	
						Brown fine SAND, trace Organics.	
	2	1-3		0.0			
980	3	3-4		0.0			Borehole backfilled with Bentonite.
5	4	4-6	3.4	0.0		Orange-brown fine SAND, trace fine to medium Gravel.	
	5	6-8		0.0			
975	6	8-10	2.0	0.0		Orange-brown fine SAND, little Silt, trace fine to medium gravel.	
10							
970							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': VOCs, SVOCs, Inorganics, PCDD/PCDF;
1'-3': VOCs, SVOCs, Inorganics, PCDD/PCDF;
6'-10': VOCs, SVOCs, Inorganics, PCDD/PCDF.
VOCs collected at 8'-10'.

Date Start/Finish: 10/22/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 532487.45
Easting: 131235.28
Casing Elevation: NA

Borehole Depth: 15' below grade
Surface Elevation: 981.2

Descriptions By: JAB

Boring ID: RAA13-B83

Client: General Electric Company

Location: Newell Street Area II

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	980						Preprobe to 6', no samples collected.	Borehole backfilled with Bentonite.
5	975	1	6-8	1.7	NA		Brown fine SAND, some Silt, moist.	
		2	8-10	3.0	NA		Orange-brown fine SAND, little Silt, wet.	
10	970	3	10-12		NA			
		4	12-15	1.8	NA		Gray-brown fine SAND, some Silt, wet.	
15								

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 6'-10': PCBs;
10'-15': PCBs;
Duplicate sample ID: RAA13-Dup-7 (PCBs, 10'-15');
MS/MSD collected (PCBs, 6'-10').

Date Start/Finish: 10/25/02
Drilling Company: BBL
Driller's Name: JJB/RJP
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor Mounted Power Probe
Sample Method: 4' Macrocore

Northing: 532476.05
Easting: 131263.56
Casing Elevation: NA

Borehole Depth: 10' below grade
Surface Elevation: 981.4

Descriptions By: MPH

Boring ID: RAA13-B84

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 / 980	1	0-1	2.6	0.4		Brown fine SAND, some Silt, trace roots and organics.	Borehole backfilled with Bentonite.
	2	1-4		0.1		Light brown fine SAND and SILT, trace very fine Gravel, moist.	
5 / 975	3	4-6	3.2	0.0		Light brown to olive fine SAND, fine Gravel, trace silt.	
	4	6-8		0.0			
	5	8-10	1.7	0.0		Olive to brown medium SAND, fine to coarse Gravel, wet at 10'.	
10 / 970							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;
1'-3': VOCs, SVOCs, Inorganics, PCDD/PCDF;
6'-10': VOCs, SVOCs, Inorganics, PCDD/PCDF;
Duplicate sample ID: NEW2-Dup-10 (VOCs, SVOCs, Inorganics, PCDD/PCDF, 6'-10').
VOCs collected at 8'-10'.

Date Start/Finish: 10/24/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor Mounted Power Probe
Sample Method: 4' Macrocore

Northing: 532507.46
Easting: 131358.31
Casing Elevation: NA

Borehole Depth: 6' below grade
Surface Elevation: 974.2

Descriptions By: JAB

Boring ID: RAA13-B86

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
975 / 0							
	1	0-1	2.4	0.0		Dark brown fine SAND, little Silt, trace organics.	Borehole backfilled with Bentonite.
	2	1-3		0.0			
	3	3-4		0.0			
970 / 5	4	4-6	2.0	0.0		Dark brown fine SAND, some Silt, little peat.	
						Gray-brown fine to coarse SAND, soem fine to medium Gravel.	
965 / 10							
960 / 15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;
1'-3': VOCs, SVOCs, Inorganics, PCDD/PCDF;
3'-6': VOCs, SVOCs, Inorganics, PCDD/PCDF;
VOCs collected at 4'-6'.

Date Start/Finish: 10/24/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor Mounted Power Probe
Sample Method: 4' Macrocore

Northing: 532522.26
Easting: 131406.01
Casing Elevation: NA

Borehole Depth: 15' below grade
Surface Elevation: 977.5

Descriptions By: JAB

Boring ID: RAA13-B87

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
980							
0	1	0-1	2.2	0.0		Dark brown fine SAND, some Silt, trace organics.	Borehole backfilled with Bentonite.
	2	1-3		0.0			
975	3	3-4		0.0			
5	4	4-6	2.8	7.3		Black fine to coarse SAND, little fine to medium Gravel, trace silt, wet, petro odor.	
	5	6-8		1.4		Black-brown fine to coarse SAND, little Silt and fine to medium Gravel, wet, petro odor.	
970	6	8-10	2.8	0.0		Same as above, no odor.	
10						Gray-brown coarse SAND, some fine to medium Gravel, trace fine to medium sand, wet.	
	7	10-12		0.0		Gray-brown coarse SAND, trace fine to medium Gravel, wet.	
965	8	12-15	2.4	0.0			
15						Gray fine SAND, little Silt, some fine to medium gravel, wet.	

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;
1'-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;
3'-6': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;
6'-10': PCBs; 10'-15': PCBs; Duplicate sample ID:
New2-Dup-9 (PCBs, 10'-15'); MS/MSD collected
(PCBs, 6'-10'). VOCs collected at 4'-6'.

Date Start/Finish: 10/15/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532537.58
Easting: 131453.28
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 984.9

Descriptions By: JJB

Boring ID: RAA13-B88

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 / 985	1	0-1	1.0	0.0		Dark brown fine SAND, little Silt, trace organics.	Borehole backfilled with Bentonite.
						Light brown-gray fine SAND, little Silt, trace fine gravel.	
5 / 980							
10 / 975							
15 / 970							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 10/1/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 532568.96
Easting: 131548.00
Casing Elevation: NA

Borehole Depth: 3' below grade
Surface Elevation: 983.2

Descriptions By: JAB

Boring ID: RAA13-B90

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1	2.8	0.0		Dark brown fine SAND, trace Silt and Organics.	
	2	1-3		0.0		Dark brown fine SAND, some Coal/Ash/Slag (FILL).	Borehole backfilled with Bentonite.
980							
5							
975							
10							
970							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;
1'-3': VOCs, SVOCs, Inorganics, PCDD/PCDF.

Date Start/Finish: 10/4/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532599.78
Easting: 131643.80
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 982.8

Descriptions By: JAB

Boring ID: RAA13-B92

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1	1.0	0.0		Brown fine SAND, trace Silt and Organics.	Borehole backfilled with Bentonite.
980							
5							
975							
10							
970							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 9/26/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 532649.01
Easting: 131785.57
Casing Elevation: NA

Borehole Depth: 15' below grade
Surface Elevation: 984.1

Descriptions By: JAB

Boring ID: RAA13-B95

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0							
	1	0-1		0.0		ASPHALT.	
						Brown SAND, little fine to medium Gravel, dry.	
	2	1-3	3.1	0.0			
						Insulation type material.	
	3	3-4		0.0		Black fine SAND, dry.	Borehole backfilled with Bentonite.
980							
5	4	4-6		0.0		Brown-orange fine SAND, little fine to medium Gravel, trace coal/ash/slag (FILL).	
	5	6-8	2.0	0.0			
975	6	8-10		0.0		Gray-brown fine SAND, little fine to medium Gravel, trace coal/ash/slag (FILL).	
10	7	10-12	2.0	0.0			
						Same as above, moist.	
	8	12-15	1.7	39.6		Gray SAND, trace coarse Sand, some fine to medium gravel, wet, slight petro odor.	
970							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.
1'-3': PCBs;
3'-6': PCBs;
6'-10': PCBs;
10'-15': PCBs.

Date Start/Finish: 9/26/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 2' Macrocore

Northing: 532663.47
Easting: 131833.09
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 984.1

Descriptions By: JAB

Boring ID: RAA13-B96

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1	1.0	0.0		ASPHALT. Brown fine SAND, little fine to medium Gravel, trace silt, dry.	Borehole backfilled with Bentonite.
980 / 5							
975 / 10							
970 / 15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF.

Date Start/Finish: 10/9/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 532680.63
Easting: 131880.37
Casing Elevation: NA

Borehole Depth: 15' below grade
Surface Elevation: 982.5

Descriptions By: JAB

Boring ID: RAA13-B97

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0						Pre-probe to 3', no samples collected.	
980	1	3-4	0.8	0.0		Orange-brown fine SAND, trace fine Gravel and Organics.	Borehole backfilled with Bentonite.
5	2	4-6	3.4	0.0		Light brown fine SAND, trace fine Gravel.	
	3	6-8		0.0		Light brown-gray SAND, trace coarse Sand and fine to medium Gravel.	
975	4	8-10	2.0	0.0		Same as above, moist.	
10	5	10-12		0.0			
970	6	12-15	1.7	0.0		Same as above, wet.	
						Gray SILT and fine SAND.	
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses:
3'-6': VOCs, SVOCs, Inorganics, PCDD/PCDF;
10'-15': PCBs.
VOCs collected at 4'-6'.

Date Start/Finish: 10/9/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532695.01
Easting: 131927.88
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 982.6

Descriptions By: JAB

Boring ID: RAA13-B98

Client: General Electric Company

Location: Newell Street Area II

DEPTH ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1	1.0	0.0		Brown fine SAND, some Silt, trace organics.	
						Light brown fine SAND, some Silt, trace organics.	Borehole backfilled with Bentonite.
980							
5							
975							
10							
970							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 10/9/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 532711.97
Easting: 131975.44
Casing Elevation: NA

Borehole Depth: 15' below grade
Surface Elevation: 983.4

Descriptions By: JAB

Boring ID: RAA13-B99

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0							
	1	0-1	2.1	0.0		Dark brown fine SAND, trace Silt, fine Gravel and Organics.	
						Brown fine SAND, trace Silt and fine Gravel.	
	2	1-3		0.0			
980	3	3-4		0.0			Borehole backfilled with Bentonite.
5	4	4-6	2.0	0.0		Orange-brown fine SAND, trace fine Gravel and Wood.	
	5	6-8		0.0		Orange-brown fine SAND, trace medium to coarse Sand, trace wood.	
975	6	8-10	2.1	0.0			
10	7	10-12		0.0			
	8	12-15	1.6	0.0		Gray fine SAND, little fine to medium Gravel, moist.	
970							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 1'-3': VOCs, SVOCs, Inorganics, PCDD/PCDF;
10'-15': PCBs;
MS/MSD collected (VOCs, SVOCs, Inorganics, PCDD/PCDF, 1-3'),
(PCBs, 10'-15').

Date Start/Finish: 9/26/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 2' Macrocore

Northing: 532711.16
Easting: 132133.09
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 985.5

Descriptions By: JAB

Boring ID: RAA13-C3

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 / 985	1	0-1	1.0	0.0		ASPHALT. Brown fine SAND, trace Silt, little fine to medium gravel, dry.	Borehole backfilled with Bentonite.
5 / 980							
10 / 975							
15 / 970							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF.

Date Start/Finish: 9/26/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532726.11
Easting: 132180.82
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 985.2

Descriptions By: JAB

Boring ID: RAA13-C4

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 / 985	1	0-1	1.0	0.0		Brown SAND, trace fine Gravel, dry.	Borehole backfilled with Bentonite.
						Brown SAND, some fine to medium Gravel, dry.	
5 / 980							
10 / 975							
15 / 970							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 9/26/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 532741.84
Easting: 132228.15
Casing Elevation: NA

Borehole Depth: 3' below grade
Surface Elevation: 985.5

Descriptions By: JAB

Boring ID: RAA13-C5

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 / 985	1	0-1	2.8	0.0		ASPHALT	
						Dark brown fine SAND, trace Silt and fine Gravel, dry.	
	2	1-3		0.0			Borehole backfilled with Bentonite.
5 / 980							
10 / 975							
15 / 970							

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;
1'-3': VOCs, SVOCs, Inorganics, PCDD/PCDF;
MS/MSD collected (PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF, 0-1').

Drilling Company: BBL
Driller's Name: JJB/RJP
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor Mounted Power Probe
Sample Method: 4' Macrocore

Northing: 352444.17
Easting: 131326.50
Casing Elevation: NA

Borehole Depth: 10' below grade
Surface Elevation: 982.1

Descriptions By: MPH

Boring ID: RAA13-C85

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0							
	1	0-1	2.6	0.0		Dark brown fine SAND and SILT, trace Pebbles and Organics.	
980	2	1-4		0.1		Brown fine to medium SAND, fine Gravel, trace organics.	Borehole backfilled with Bentonite.
5	3	4-6	2.8	0.0		Light brown fine to medium SAND, little fine to medium Gravel.	
975	4	6-8		0.0		Light brown fine to medium SAND, some Silt and fine Gravel.	
	5	8-10	1.6	0.0			
10							
970							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;
1'-3': VOCs, SVOCs, Inorganics, PCDD/PCDF;
6'-10': VOCs, SVOCs, Inorganics, PCDD/PCDF;
MS/MSD collected(VOCs, SVOCs, Inorganics, PCDD/PCDF, 6-10');
VOCs collected at 8'-10'.

Date Start/Finish: 10/15/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532459.64
Easting: 131374.46
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 976.0

Descriptions By: JAB

Boring ID: RAA13-C86

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 / 976	1	0-1	1.0	0.0		Dark brown fine SAND and SILT, little Organics.	Borehole backfilled with Bentonite.
5 / 971							
10 / 966							
15 / 961							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 10/24/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor Mounted Power Probe
Sample Method: 4' Macrocore

Northing: 552475.00
Easting: 131421.85
Casing Elevation: NA

Borehole Depth: 6' below grade
Surface Elevation: 977.8

Descriptions By: JAB

Boring ID: RAA13-C87

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
980							
0	1	0-1	2.2	0.0		Brown coarse to fine SAND, some fine to medium Gravel, moist.	Borehole backfilled with Bentonite.
	2	1-3		0.0			
975	3	3-4		0.0			
5	4	4-6	1.2	0.0		Dark brown fine SAND, some Silt, trace fine to medium gravel, moist.	
970							
10							
965							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': VOCs, SVOCs, Inorganics, PCDD/PCDF;
3'-6': VOCs, SVOCs, Inorganics, PCDD/PCDF.
VOCs collected at 4'-6'.

Date Start/Finish: 10/15/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 932491.22
Easting: 131468.73
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 979.7

Descriptions By: JAB

Boring ID: RAA13-C88

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
980 / 0	1	0-1	1.0	0.0		Dark brown fine SAND, some Silt, trace organics.	Borehole backfilled with Bentonite.
						Light brown-gray fine SAND and SILT.	
975 / 5							
970 / 10							
965 / 15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 352304.90
Easting: 131516.41
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 984.4

Descriptions By: JAB

Boring ID: RAA13-C89

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985 / 0	1	0-1	1.0	0.0		Dark brown fine SAND, little Silt and fine to medium Gravel. Brown fine SAND, little fine to medium Gravel, trace silt.	Borehole backfilled with Bentonite.
980 / 5							
975 / 10							
970 / 15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 10/1/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532532.22
Easting: 131610.10
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 983.4

Descriptions By: JAB

Boring ID: RAA13-C91

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1	1.0	0.0		Dark brown fine SAND, little fine to coarse Gravel, trace organics.	Borehole backfilled with Bentonite.
980							
5							
975							
10							
970							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 10/1/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532552.94
Easting: 131658.61
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 983.0

Descriptions By: JAB

Boring ID: RAA13-C92

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1	1.0	0.0		Brown fine SAND, trace Silt, fine Gravel and Organics.	Borehole backfilled with Bentonite.
980							
5							
975							
10							
970							
15							

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF.

Date Start/Finish: 9/30/02

Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 2' Macrocore

Northing: 352588.84
Easting: 131706.23
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 984.1

Descriptions By: JAB

Boring ID: RAA13-C93

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1	1.0	0.0		ASPHALT. Gray-brown fine SAND, little fine to coarse Gravel.	Borehole backfilled with Bentonite.
980 5							
975 10							
970 15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 9/30/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 2' Macrocore

Northing: 332584.46
Easting: 131753.56
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 984.4

Descriptions By: JAB

Boring ID: RAA13-E94

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1	1.0	0.0		ASPHALT. Gray-brown fine SAND, some fine to medium Gravel.	Borehole backfilled with Bentonite.
980 5							
975 10							
970 15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF.

Date Start/Finish: 9/30/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 2' Macrocore

Northing: 532600.21
Easting: 131801.23
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 984.4

Descriptions By: JAB

Boring ID: RAA13-C95

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985 / 0	1	0-1	1.0	0.0		ASPHALT. Gray-brown fine SAND, some fine to medium Gravel.	Borehole backfilled with Bentonite.
980 / 5							
975 / 10							
970 / 15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 9/26/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 2' Macrocore

Northing: 532615.99
Easting: 131848.50
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 984.6

Descriptions By: JAB

Boring ID: RAA13-C96

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985 / 0	1	0-1	1.0	0.0		ASPHALT. Brown fine SAND, little fine to medium Gravel, trace silt, dry.	Borehole backfilled with Bentonite.
980 / 5							
975 / 10							
970 / 15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF.

Date Start/Finish: 10/9/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532631.87
Easting: 131895.83
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 983.1

Descriptions By: JAB

Boring ID: RAA13-C97

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1	1.0	0.0		Dark brown fine SAND, trace Silt and Organics.	Borehole backfilled with Bentonite.
980							
5							
975							
10							
970							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 10/9/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532647.27
Easting: 131943.63
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 985.0

Descriptions By: JAB

Boring ID: RAA13-C98

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 985	1	0-1	1.0	0.0		Dark brown fine SAND, trace Silt and Organics.	Borehole backfilled with Bentonite.
5 980							
10 975							
15 970							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF.
Duplicate sample ID: NEW2-DUP-6 (PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF, 0-1').

Date Start/Finish: 10/9/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532663.22
Easting: 131990.95
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 985.3

Descriptions By: JAB

Boring ID: RAA13-C99

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 / 985	1	0-1	1.0	0.0		Dark brown fine SAND, trace fine Gravel and Organics. Brown fine SAND, trace fine Gravel and Organics.	Borehole backfilled with Bentonite.
5 / 980							
10 / 975							
15 / 970							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 10/25/02
Drilling Company: BBL
Driller's Name: JJB/RJP
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor Mounted Power Probe
Sample Method: 4' Macrocore

Northing: 532403.15
Easting: 131343.32
Casing Elevation: NA

Borehole Depth: 15' below grade
Surface Elevation: 982.8

Descriptions By: MPH

Boring ID: RAA13-D85

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0						Pre-probe to 6', no samples collected.	Borehole backfilled with Bentonite.
980							
5							
975	1	6-10	3.2	0.0		Brown fine to medium SAND, some fine to medium Gravel. Interlayered coarse sand at 9.2' to 9.9'.	
10	2	10-14	3.7	0.0		Brown to light brown fine SAND, some Silt and fine Gravel, wet at 12.8'.	
970	3	14-15	0.9	0.0		Brown medium to coarse SAND, some light brown Silt and fine Gravel.	
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 6'-10': PCBs;
10'-15': PCBs.

Date Start/Finish: 10/24/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 532428.13
Easting: 131436.92
Casing Elevation: NA

Borehole Depth: 15' below grade
Surface Elevation: 983.8

Descriptions By: JAB

Boring ID: RAA13-D87

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0 / 983.8	1	0-1	3.8	0.0		Dark brown fine SAND, trace Silt and Organics.	
	2	1-3		0.0		Brown fine SAND, little Silt and fine to medium Gravel.	
980	3	3-4		0.0			Borehole backfilled with Bentonite.
5	4	4-6	3.4	0.0		Brown fine to coarse SAND, little fine to medium Gravel, moist.	
	5	6-8		0.0		Dark brown fine SAND, little Silt, trace peat, wet.	
975	6	8-10	3.1	0.0		Orange-brown fine to coarse SAND, some fine to medium Gravel, wet.	
10	7	10-12		0.0		Orange-brown fine to coarse SAND, little Silt, some fine to medium gravel, wet.	
970	8	12-15	2.0	0.0			
15							

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': VOCs, SVOCs, Inorganics, PCDD/PCDF;
1'-3': VOCs, SVOCs, Inorganics, PCDD/PCDF;
10'-15': PCBs, VOCs.
VOCs collected at 12'-15'.

Date Start/Finish: 10/15/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532443.93
Easting: 131484.41
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 978.1

Descriptions By: JAB

Boring ID: RAA13-D88

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
980							
0	1	0-1	1.0	0.0		Dark brown fine SAND, little Silt, trace fine gravel and organics.	
						Light brown-gray fine SAND, little Silt and fine to medium Gravel.	Borehole backfilled with Bentonite.
975							
5							
970							
10							
965							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 10/1/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532474.15
Easting: 131579.41
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 985.0

Descriptions By: JAB

Boring ID: RAA13-D90

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 985	1	0-1	1.0	0.0		Brown fine SAND, trace Silt, coarse Gravel and Organics.	Borehole backfilled with Bentonite.
5 980							
10 975							
15 970							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF.

Date Start/Finish: 10/1/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 532490.96
Easting: 131626.68
Casing Elevation: NA

Borehole Depth: 15' below grade
Surface Elevation: 983.7

Descriptions By: JAB

Boring ID: RAA13-D91

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1	2.5	0.0		Dark brown fine SAND, trace Silt and Organics.	Borehole backfilled with Bentonite.
	2	1-3		0.0		Brown fine SAND, some Coal/Ash, little insulation type material (FILL).	
980	3	3-4		0.0			
5	4	4-6	3.1	12.2		Black fine SAND, slight petro odor.	
	5	6-8		48.1		Black fine SAND, trace Silt, strong petro odor, moist.	
975	6	8-10	2.8	31.7		Same as above, little fine to medium gravel. Gray fine SAND and SILT, strong petro odor, moist.	
10	7	10-12		30.5		Gray fine SAND, little fine Gravel, strong petro odor, moist.	
970	8	12-15	3.0	63.2		Gray-black fine SAND and SILT, strong petro odor, wet.	
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.
1'-3': PCBs;
3'-6': PCBs;
6'-10': PCBs;
10'-15': PCBs.

Date Start/Finish: 10/1/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532505.72
Easting: 131674.42
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 982.9

Descriptions By: JAB

Boring ID: RAA13-D92

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985 / 0							
	1	0-1	0.9	0.0		Dark brown fine SAND, trace Silt and Organics.	
						Dark brown fine SAND, little fine to coarse Gravel.	Borehole backfilled with Bentonite.
980 / 5							
975 / 10							
970 / 15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 10/9/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 532584.39
Easting: 131911.73
Casing Elevation: NA

Borehole Depth: 15' below grade
Surface Elevation: 984.3

Descriptions By: JAB

Boring ID: RAA13-D97

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985 / 0							
	1	0-1	3.1	0.0		Light brown very fine SAND, trace Sand, fine to medium Gravel and Organics.	Borehole backfilled with Bentonite.
	2	1-3		0.0			
	3	3-4		0.0			
980 / 5	4	4-6	2.0	0.0			
	5	6-8		0.0			
	6	8-10	2.8	0.0		Brown fine SAND, little fine to medium Gravel, trace porcelain (FILL).	
975 / 10						Olive-brown fine SAND, little Silt, trace fine gravel.	
	7	10-12		0.0		Orange SAND, trace coarse Sand and fine to medium Gravel.	
						Gray fine SAND, some Silt, moist.	
	8	12-15	2.2	0.0		Gray-brown coarse SAND, little fine to medium Gravel, trace fine sand, wet.	
970 / 15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 1'-3': VOCs, SVOCs, Inorganics, PCDD/PCDF;
6'-10': PCDD/PCDF;
10'-15': PCBs.

Date Start/Finish: 10/9/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532599.78
Easting: 131958.95
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 985.7

Descriptions By: JAB

Boring ID: RAA13-D98

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 / 985	1	0-1	1.0	0.0		Brown fine SAND, trace Silt and Organics.	
						Light brown fine SAND, trace Silt and Organics.	Borehole backfilled with Bentonite.
5 / 980							
10 / 975							
15 / 970							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF.

Date Start/Finish: 10/9/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 532617.20
Easting: 132006.57
Casing Elevation: NA

Borehole Depth: 15' below grade
Surface Elevation: 987.2

Descriptions By: JAB

Boring ID: RAA13-D99

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
990							
0	1	0-1	3.4	0.0		Dark brown fine SAND, some Silt, trace organics.	Borehole backfilled with Bentonite.
						Light brown fine SAND, trace fine Gravel.	
985	2	1-3		0.0			
	3	3-4		0.0			
	4	4-6	2.7	0.0		Orange-brown fine SAND, some fine to medium Gravel, trace silt.	
5							
	5	6-8		0.0		Light brown fine SAND, some fine to coarse Gravel, little silt.	
980	6	8-10	3.2	0.0		Orange-brown fine SAND, some fine to coarse Gravel (mottled).	
10	7	10-12		0.0			
975	8	12-15	3.0	0.0		Orange-brown coarse to fine SAND, some fine to medium Gravel, wet.	
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs;
1'-3': PCBs;
3'-6': PCBs;
6'-10': PCBs;
10'-15': PCBs, VOCs, PCDD/PCDF.
VOCs collected at 12'-15'.

Date Start/Finish: 10/15/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532364.87
Easting: 131405.03
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 983.2

Descriptions By: JAB

Boring ID: RAA13-E86

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1	1.0	0.0		Dark brown fine SAND, some Silt, trace organics.	Borehole backfilled with Bentonite.
						Light brown-gray fine SAND and SILT.	
980							
5							
975							
10							
970							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 10/15/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532380.68
Easting: 131452.47
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 982.9

Descriptions By: JAB

Boring ID: RAA13-E87

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985 / 0							
	1	0-1	1.0	0.0		Dark brown fine SAND, some Silt, trace fine gravel and organics.	Borehole backfilled with Bentonite.
980 / 5							
975 / 10							
970 / 15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF.

Date Start/Finish: 10/15/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532396.24
Easting: 131499.95
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 978.8

Descriptions By: JAB

Boring ID: RAA13-E88

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
980 / 0							
	1	0-1	0.8	0.0		Dark brown fine SAND, some Silt, trace fine gravel and organics.	Borehole backfilled with Bentonite.
975 / 5							
970 / 10							
965 / 15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 10/15/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532411.93
Easting: 131547.36
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 979.1

Descriptions By: JAB

Boring ID: RAA13-E89

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
980 / 0							
	1	0-1	1.0	0.0		Dark brown fine SAND, some Silt, trace organics.	Borehole backfilled with Bentonite.
						Light brown-gray SAND and SILT.	
975 / 5							
970 / 10							
965 / 15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 10/1/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532443.58
Easting: 131642.39
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 985.1

Descriptions By: JAB

Boring ID: RAA13-E91

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 / 985	1	0-1	1.0	0.0		Brown fine SAND, trace Silt and Organics.	Borehole backfilled with Bentonite.
5 / 980							
10 / 975							
15 / 970							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 10/1/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532458.39
Easting: 131689.99
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 983.7

Descriptions By: JAB

Boring ID: RAA13-E92

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1	1.0	0.0		Dark brown fine SAND, trace Silt, Organics and Coal/Ash (FILL).	Borehole backfilled with Bentonite.
980							
5							
975							
10							
970							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF; MS/MSD collected (PCBs, VOCS, SVOCs, Inorganics, PCDD/PCDF, 0-1').

Date Start/Finish: 9/30/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 2' Macrocore

Northing: 532489.93
Easting: 131784.77
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 984.9

Descriptions By: JAB

Boring ID: RAA13-E94

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 985	1	0-1	1.0	0.0		ASPHALT. Gray-brown fine SAND, some fine to medium Gravel.	Borehole backfilled with Bentonite.
5 980							
10 975							
15 970							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF.

Date Start/Finish: 9/30/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 532500.43
Easting: 131832.11
Casing Elevation: NA

Borehole Depth: 3' below grade
Surface Elevation: 985.0

Descriptions By: JAB

Boring ID: RAA13-E95

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 985	1	0-1	NA	NA		ASPHALT. Gray-brown fine SAND, little coare to medium Gravel.	
	2	1-3	2.6	0.0		Black fine SAND, trace fine Gravel, trace wood.	Borehole backfilled with Bentonite.
5 980							
10 975							
15 970							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 1'-3': VOCs, SVOCs, Inorganics, PCDD/PCDF.

Date Start/Finish: 10/25/02
Drilling Company: BBL
Driller's Name: JJB/RJP
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor Mounted Power Probe
Sample Method: 4' Macrocore

Northing: 532332.82
Easting: 131468.30
Casing Elevation: NA

Borehole Depth: 15' below grade
Surface Elevation: 984.1

Descriptions By: MPH

Boring ID: RAA13-F87

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1	3.8	0.6		Dark brown fine SAND and SILT, trace Brick, Glass and Roots.	Borehole backfilled with Bentonite.
	2	1-4		0.2		Light brown fine to medium SAND, trace Silt and fine Gravel.	
980	3	4-6	3.6	0.0		Brown fine to medium SAND, some fine to medium Gravel.	
5	4	6-8		0.0			
975	5	8-10	3.8	0.1		Gray-brown fine SAND, some gray coarse Sand, some fine gravel.	
10	6	10-12		0.0		Orange-brown SILT, trace fine Sand, wet at 10.2'.	
970	7	12-15	3.0	0.2		Gray SILT, some fine Sand, saturated. Trace organics and brown coarse sand at 14.6'-15'.	
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs;
1'-3': PCBs;
3'-6': PCBs;
6'-10': PCBs;
10'-15': PCBs.

Date Start/Finish: 10/15/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532348.84
Easting: 131515.53
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 984.1

Descriptions By: JAB

Boring ID: RAA13-F88

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1	1.0	0.0		Dark brown fine SAND, little Silt and fine Gravel, trace organics.	Borehole backfilled with Bentonite.
980							
5							
975							
10							
970							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 10/23/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 532364.45
Easting: 131562.89
Casing Elevation: NA

Borehole Depth: 15' below grade
Surface Elevation: 979.6

Descriptions By: JAB

Boring ID: RAA13-F89

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
980 / 0							
	1	0-1	2.1	0.0		Brown fine SAND, trace Silt and Organics.	
						Brown fine to coarse SAND, little Silt, trace fine to coarse gravel.	
	2	1-3		0.0			
	3	3-4		0.0			Borehole backfilled with Bentonite.
975 / 5						Light brown-tan fine SAND, some Silt, moist.	
	4	4-6	2.2	0.0		Dark brown fine SAND, some Silt, trace peat, moist.	
	5	6-8		0.0			
	6	8-10	3.4	0.0		Dark brown fine SAND and SILT, trace Peat, wet.	
970 / 10							
	7	10-12		0.0		Gray-brown fine to medium SAND, wet.	
	8	12-15	1.5	0.0		Gray-brown fine to coarse SAND, little fine to medium Gravel, wet.	
965 / 15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;
1'-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;
3'-6': PCBs;
6'-10': PCBs;
10'-15': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF.
VOCs collected at 12'-15'.

Date Start/Finish: 10/15/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532379.17
Easting: 131608.92
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 978.9

Descriptions By: JAB

Boring ID: RAA13-F90

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
980 / 0	1	0-1	1.0	0.0		Dark brown fine SAND, little Silt, trace fine gravel and organics.	Borehole backfilled with Bentonite.
						Dark brown fine SAND, some Silt, little fine gravel.	
975 / 5							
970 / 10							
965 / 15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 9/30/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 532395.99
Easting: 131658.37
Casing Elevation: NA

Borehole Depth: 15' below grade
Surface Elevation: 983.7

Descriptions By: JAB

Boring ID: RAA13-F91

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985 / 0							
	1	0-1	2.0	0.0		Dark brown fine SAND, trace Silt and Organics.	
	2	1-3		0.0		Brown fine SAND, trace Silt and fine Gravel.	
980	3	3-4		0.0			Borehole backfilled with Bentonite.
5	4	4-6		0.0			
	5	6-8	2.2	0.0		Insulation type material, trace porcelain (FILL).	
975	6	8-10		0.0		Light brown fine SAND, trace Porcelain, moist (FILL).	
10	7	10-12	2.7	7.1		Gray fine SAND, moist, slight petro odor.	
970	8	12-15	1.6	0.0		Gray fine SAND and SILT, wet.	
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.
1'-3': PCBs;
3'-6': PCBs;
6'-10': PCBs;
6'-15': PCBs.

Date Start/Finish: 10/7/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532410.07
Easting: 131705.58
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 985.0

Descriptions By: JAB

Boring ID: RAA13-F92

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 985	1	0-1	1.0	0.0		Dark brown fine SAND, trace Silt, Organics and Coal/Ash (FILL).	Borehole backfilled with Bentonite.
5 980							
10 975							
15 970							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 9/30/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 532427.66
Easting: 131752.93
Casing Elevation: NA

Borehole Depth: 15' below grade
Surface Elevation: 984.2

Descriptions By: JAB

Boring ID: RAA13-F93

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1	2.2	0.0		Dark brown fine SAND, trace Silt and Organics.	Borehole backfilled with Bentonite.
						Tan fine SAND, little fine Gravel and Coal/Ash (FILL).	
	2	1-3		4.6			
	3	3-4		5.2			
980							
5	4	4-6	2.3	17.1		Same as above, slight petro odor.	
						Dark brown fine SAND and SILT, moist, strong petro odor.	
	5	6-8		27.6			
975	6	8-10	3.0	32.0		Gray fine SAND and SILT, moist, strong petro odor.	
10	7	10-12		17.6		Gray SAND, wet, strong petro odor.	
	8	12-15	2.9	42.1			
970							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.
1'-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;
3'-6': PCBs, PCDD/PCDF;
6'-10': PCBs;
6'-15': PCBs.

Date Start/Finish: 9/30/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 2' Macrocore

Northing: 532441.95
Easting: 131800.29
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 985.0

Descriptions By: JAB

Boring ID: RAA13-F94

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 985	1	0-1	1.0	0.0		ASPHALT. Gray-brown coarse SAND, some fine to medium Gravel.	Borehole backfilled with Bentonite.
5 980							
10 975							
15 970							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Project: 30193.002 Template: V:\GE_Pittsfield_CD_Newell_St_Area_II_Confidential\Notes and Data\Logs\Newell2.ldf
Data File:RAA13-F94 Date: 2/17/03

Date Start/Finish: 9/30/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 532458.92
Easting: 131847.75
Casing Elevation: NA

Borehole Depth: 15' below grade
Surface Elevation: 985.4

Descriptions By: JAB

Boring ID: RAA13-F95

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 / 985	1	0-1	2.5	0.0		Gray-brown fine SAND, little fine to medium Gravel, trace organics.	
	2	1-3		0.0		Orange-brown medium SAND, trace fine Gravel.	
	3	3-4		0.0			Borehole backfilled with Bentonite.
5 / 980	4	4-6	3.0	0.0			
	5	6-8		0.0		Gray-brown fine SAND, trace fine Gravel (mottled).	
	6	8-10	3.4	0.0		Gray-brown fine SAND and SILT, wet.	
10 / 975	7	10-12		0.0			
	8	12-15	NM	NM			
15 / 970							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs;
1'-3': PCBs; 3'-6': PCBs;
6'-10': PCBs; 10'-15': PCBs;
Duplicate sample ID: NEW2-Dup-2 (PCBs, 10'-15');
MS/MSD collected (PCBs, 6'-10').
NM = not measured.

Date Start/Finish: 9/26/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 2' Macrocore

Northing: 532473.35
Easting: 131895.24
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 987.3

Descriptions By: JAB

Boring ID: RAA13-F96

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
990							
0	1	0-1	1.0	0.0		Brown fine SAND, little fine to medium Gravel, trace silt, dry.	Borehole backfilled with Bentonite.
985							
5							
980							
10							
975							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF.

Date Start/Finish: 10/16/02 **Drilling Company:** BBL **Driller's Name:** JJB **Drilling Method:** Direct Push **Auger Size:** NA **Rig Type:** Tractor-mounted Power Probe **Sample Method:** 4' Macrocore	**Northing:** 532525.42 **Easting:** 132035.00 **Casing Elevation:** NA **Borehole Depth:** 15' below grade **Surface Elevation:** 987.1 **Descriptions By:** TO'R	**Boring ID:** RAA13-F99 **Client:** General Electric Company **Location:** Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
990							
0						Pre-probe to 10', no samples collected.	Borehole backfilled with Bentonite.
985							
5							
980							
10	1	10-12	1.3	NA		Light brown fine SAND with some Silt and fine to medium Gravel.	
975	2	12-15	2.6	NA		Dark brown fine to medium SAND with some Silt and fine to medium Gravel, wet.	
						Olive-gray fine to medium SAND with some Silt and fine to medium Gravel, wet.	
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 10'-15': PCBs.
NA = PID was unoperable due to weather.

Date Start/Finish: 10/15/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532301.31
Easting: 131531.18
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 985.1

Descriptions By: JAB

Boring ID: RAA13-G88

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 / 985	1	0-1	1.0	0.0		Dark brown fine SAND, little Silt, trace organics.	Borehole backfilled with Bentonite.
						COAL/ASH/GLASS (FILL).	
5 / 980							
10 / 975							
15 / 970							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 10/15/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532317.04
Easting: 131578.62
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 982.7

Descriptions By: JAB

Boring ID: RAA13-G89

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1	1.0	0.0		Dark brown fine SAND, little Silt, trace organics.	Borehole backfilled with Bentonite.
980							
5							
975							
10							
970							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 10/15/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532332.73
Easting: 131625.93
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 983.0

Descriptions By: JAB

Boring ID: RAA13-G90

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1	1.0	0.0	× × × × × ×	COAL ASH/PORCELAIN (FILL).	Borehole backfilled with Bentonite.
						Brown fine SAND, little Silt, trace organics.	
980							
5							
975							
10							
970							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF.

Date Start/Finish: 10/1/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532348.68
Easting: 131673.11
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 979.5

Descriptions By: JAB

Boring ID: RAA13-G91

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
980 / 0	1	0-1	1.0	0.0		Brown fine SAND, trace Silt and Organics.	Borehole backfilled with Bentonite.
975 / 5							
970 / 10							
965 / 15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 10/1/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532362.45
Easting: 131720.61
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 983.9

Descriptions By: JAB

Boring ID: RAA13-G92

Client: General Electric Company

Location: Newell Street Area II

DEPTH ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1	1.0	0.0		Dark brown fine SAND, trace Silt, Organics, Coal/Ash (FILL).	Borehole backfilled with Bentonite.
980							
5							
975							
10							
970							
15							

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF; Duplicate sample ID: NEW2-Dup-4 (PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF, 0-1').

Date Start/Finish: 10/1/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532378.79
Easting: 131768.51
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 984.6

Descriptions By: JAB

Boring ID: RAA13-G93

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985 / 0	1	0-1	1.0	0.0		Brown fine SAND, trace Silt and Organics.	Borehole backfilled with Bentonite.
980 / 5							
975 / 10							
970 / 15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 9/30/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 2' Macrocore

Northing: 532395.60
Easting: 131815.90
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 985.3

Descriptions By: JAB

Boring ID: RAA13-G94

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 / 985	1	0-1	1.0	0.0		Gray-brown fine SAND, some fine to coarse Gravel, trace organics.	Borehole backfilled with Bentonite.
5 / 980							
10 / 975							
15 / 970							

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': VOCs, SVOCs, Inorganics, PCDD/PCDF.

Date Start/Finish: 10/15/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532273.15
Easting: 131565.81
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 985.8

Descriptions By: JAB

Boring ID: RAA13-H88

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 / 985	1	0-1	1.0	0.0		Dark brown fine SAND, little Silt, trace organics.	Borehole backfilled with Bentonite.
						Light brown fine SAND, trace Organics.	
5 / 980							
10 / 975							
15 / 970							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 10/23/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 532269.49
Easting: 131594.09
Casing Elevation: NA

Borehole Depth: 15' below grade
Surface Elevation: 984.8

Descriptions By: JAB

Boring ID: RAA13-H89

Client: General Electric Company

Location: Newell Street Area II

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	985	1	0-1	2.2	0.0		Dark brown fine SAND, trace Silt and Organics.	Borehole backfilled with Bentonite.
							Brown fine to medium SAND, trace fine to medium Gravel.	
		2	1-3		0.0			
		3	3-4		0.0			
5	980	4	4-6	4.0	0.0		Brown fine to medium SAND.	
		5	6-8		0.0		Orange-brown fine to medium SAND, moist.	
		6	8-10	3.8	0.0		Orange-brown coarse to fine SAND, wet.	
10	975	7	10-12		0.0			
		8	12-15	3.0	0.0		Brown-orange coarse to fine SAND, little Silt, trace fine to medium gravel, wet.	
15	970							

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF; 1'-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF; 3-6': PCBs; 6'-10': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF; 10'-15': PCBs; Duplicate sample ID: NEW2-Dup-8 (PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF, 6-10'); MS/MSD collected (PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF, 1'-3'). VOCs collected 8'-10'.

Date Start/Finish: 10/15/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532285.22
Easting: 131641.57
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 984.0

Descriptions By: JAB

Boring ID: RAA13-H90

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1	1.0	0.0		Dark brown fine SAND, little Silt, trace organics.	Borehole backfilled with Bentonite.
980							
5							
975							
10							
970							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 10/23/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 532300.95
Easting: 131688.95
Casing Elevation: NA

Borehole Depth: 15' below grade
Surface Elevation: 982.1

Descriptions By: JAB

Boring ID: RAA13-H91

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0						Preprobe to 3', no samples collected.	
980	1	3-4	0.8	0.0		Brown SAND, little fine to medium Gravel.	Borehole backfilled with Bentonite.
5	2	4-6	3.5	0.0			
975	3	6-8		0.0		Gray-brown fine to coarse SAND, little fine to coarse Gravel, moist.	
	4	8-10		0.0		Gray fine SAND, some Silt, wet.	
10	5	10-12	3.8	0.0			
970	6	12-15	1.7	0.0		Gray fine to coarse SAND, some fine to medium Gravel, wet.	
15							

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 3'-6': PCBs;
6'-10': PCBs;
10'-15': PCBs.

Date Start/Finish: 10/1/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532315.55
Easting: 131737.12
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 987.4

Descriptions By: JAB

Boring ID: RAA13-H92

Client: General Electric Company

Location: Newell Street Area II

DEPTH ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
990							
0	1	0-1	1.0	0.0		Dark brown fine SAND, trace Silt, Organics, Coal/Ash (FILL).	Borehole backfilled with Bentonite.
985							
5							
980							
10							
975							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 9/30/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 532321.14
Easting: 131771.60
Casing Elevation: NA

Borehole Depth: 15' below grade
Surface Elevation: 980.8

Descriptions By: JAB

Boring ID: RAA13-H93

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 / 980	1	0-1	2.3	0.0		Dark brown fine SAND, trace organics.	
						Orange-brown fine SAND.	
	2	1-3		0.0		COAL/ASH (FILL).	
	3	3-4		0.0			Borehole backfilled with Bentonite.
5 / 975	4	4-6	2.7	0.0		Brown fine SAND, trace Silt and fine Gravel, moist.	
	5	6-8		0.0			
	6	8-10	2.6	0.0		Brown-gray SAND, wet.	
10 / 970	7	10-12		0.0			
	8	12-15	3.0	0.0		Brown SAND, wet.	
15 / 965							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs;
1'-3': PCBs;
3'-6': PCBs;
6'-10': PCBs, PCDD/PCDF;
10'-15': PCBs, PCDD/PCDF.

Date Start/Finish: 10/15/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532267.69
Easting: 131751.34
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 984.7

Descriptions By: JAB

Boring ID: RAA13-I92

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 / 985	1	0-1	1.0	0.0		Dark brown fine SAND, little Silt, trace organics.	Borehole backfilled with Bentonite.
5 / 980							
10 / 975							
15 / 970							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF.

Date Start/Finish: 10/1/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532284.09
Easting: 131799.06
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 981.7

Descriptions By: JAB

Boring ID: RAA13-I93

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	1	0-1	1.0	0.0		Dark brown fine SAND, little Silt, trace organics.	Borehole backfilled with Bentonite.

980
5
975
10
970
15

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs;
Duplicate sample ID: NEW2-DUP-3 (PCBs, 0-1').

Date Start/Finish: 10/1/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532307.06
Easting: 131845.27
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 987.0

Descriptions By: JAB

Boring ID: RAA13-I94

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
990							
0							
	1	0-1	1.0	0.0		Brown fine SAND, trace fine Sand, Gravel and Organics.	Borehole backfilled with Bentonite.
985							
5							
980							
10							
975							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs;
MS/MSD collected (PCBs, 0-1').

Date Start/Finish: 10/15/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532222.07
Easting: 131767.40
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 986.9

Descriptions By: JAB

Boring ID: RAA13-J92

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 / 986	1	0-1	1.0	0.0		Dark brown fine SAND, little Silt, trace fine gravel and organics.	Borehole backfilled with Bentonite.
985							
5							
980							
10							
975							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': VOCs, SVOCs, Inorganics, PCDD/PCDF.

Date Start/Finish: 10/4/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 532670.70
Easting: 131409.94
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 978.8

Descriptions By: JAB

Boring ID: RAA13-Y88

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
980 / 0	1	0-1	1.0	0.0		Dark brown fine SAND, little Silt, trace fine gravel.	Borehole backfilled with Bentonite.
975 / 5							
970 / 10							
965 / 15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Date Start/Finish: 10/4/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Northing: 532555.56
Easting: 131184.62
Casing Elevation: NA

Borehole Depth: 15' below grade
Surface Elevation: 979.5

Descriptions By: JAB

Boring ID: RAA13-Z83

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
980 / 0							
	1	0-1	2.7	0.0		Dark brown fine SAND, trace fine Gravel and organics.	
						Brown fine SAND, trace fine Gravel.	
	2	1-3		0.0			
	3	3-4		0.0			Borehole backfilled with Bentonite.
975 / 5	4	4-6	3.5	0.0		Same as above, trace organics.	
	5	6-8		0.0		Brown fine SAND, little Silt, moist.	
	6	8-10	3.7	0.0		Gray fine SAND, little Silt, wet.	
970 / 10	7	10-12		0.0		Gray fine SAND, trace Silt and fine Gravel, wet.	
	8	12-15	3.0	0.0		Same as above, saturated.	
						Gray-orange coarse to fine SAND, little fine to medium Gravel, saturated.	
965 / 15						Gray fine SAND and SILT, saturated.	

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 1'-3': PCBs;
3'-6': PCBs;
6'-10': PCBs, MS/MSD collected (PCBs, 6'-10');
10'-15': PCBs; Duplicate sample ID: NEW2-DUP-5 (PCBs, 10-15)

Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Northing: [illegible]
Easting: 131232.54
Casing Elevation: NA

Borehole Depth: 6' below grade
Surface Elevation: 978.0

Descriptions By: JAB

Boring ID: RAA13-Z84

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
980							
0	1	0-1	3.6	0.0		Dark brown fine SAND, trace fine Gravel and Organics.	
						Brown fine SAND, little fine to medium Gravel.	
	2	1-3		0.0			
975	3	3-4		0.0			Borehole backfilled with Bentonite.
5	4	4-6	2.0	0.0		Brown fine SAND, little Silt, trace fine gravel and organics.	
970							
10							
965							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': VOCs, SVOCs, Inorganics, PCDD/PCDF;
1'-3': VOCs, SVOCs, Inorganics, PCDD/PCDF;
3'-6': VOCs, SVOCs, Inorganics, PCDD/PCDF.
VOCs collected at 4'-6'.

Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Easting: 131279.44
Casing Elevation: NA

Borehole Depth: 15' below grade
Surface Elevation: 978.4

Descriptions By: JAB

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
980							
0	1	0-1	3.8	0.0		Dark brown fine SAND, trace Silt and Organics.	
						Brown-gray SAND and SILT, moist.	
	2	1-3		0.0			
975	3	3-4		0.0		Gray SAND, some Silt, trace fine to medium gravel.	Borehole backfilled with Bentonite.
5	4	4-6	2.7	0.0		Gray-brown SAND, little Silt, some fine to medium gravel, moist.	
	5	6-8		0.0			
970	6	8-10	2.2	0.0		Gray-brown medium to fine SAND, some fine to medium Gravel, wet.	
10	7	10-12		0.0			
965	8	12-15	3.0	0.0		Gray-brown coarse to fine SAND, some fine to medium Gravel, saturated.	
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': VOCs, SVOCs, Inorganics, PCDD/PCDF;
1'-3': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;
3'-6': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;
6'-10': PCBs;
10'-15': PCBs.
VOCs collected at 4'-6'.

Date Start/Finish: 10/4/02
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 352001.91
Easting: 131327.31
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 974.1

Descriptions By: JAB

Boring ID: RAA13-Z86

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
975 / 0	1	0-1	1.0	0.0		Dark brown fine SAND, little Silt, trace fine to medium gravel.	Borehole backfilled with Bentonite.
970 / 5							
965 / 10							
960 / 15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs.

Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Easting: 131375.22
Casing Elevation: NA

Borehole Depth: 15' below grade
Surface Elevation: 979.1

Descriptions By: JAB

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
980 / 0							
						Pre-probe to 10', no samples collected.	Borehole backfilled with Bentonite.
975 / 5							
970 / 10	1	10-12	1.6	0.0		Gray-brown fine to coarse SAND, trace fine to medium gravel, wet.	
						Gray coarse SAND, trace fine to medium Sand and fine to medium Gravel, wet.	
965 / 15	2	12-15	3.0	0.0		Gray-brown fine to coarse SAND, trace fine to medium Gravel, wet.	

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 10'-15': PCBs.

Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: [illegible]
Easting: 131422.98
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 979.0

Descriptions By: JAB

Boring ID: RAA13-Z88

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
980 / 0							
	1	0-1	1.0	0.0		Dark brown fine SAND, little Silt, trace organics.	Borehole backfilled with Bentonite.
975 / 5							
970 / 10							
965 / 15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': VOCs, SVOCs, Inorganics, PCDD/PCDF.

Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Easting: 131522.59
Casing Elevation: NA

Borehole Depth: 3' below grade
Surface Elevation: 983.2

Descriptions By: TO'R

Boring ID: RAA13-Z90

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1	2.2	NA		Dark brown SILT with Leaves and Roots.	Borehole backfilled with Bentonite.
	2	1-3		NA		Brown SILT with fine Sand.	
980						Tan fine SAND.	
5						Dark brown fine SAND with fine Sand, man-made materials (nails and lumber), goo material, slight odor.	
975							
10							
970							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs, VOCs, SVOCs, Inorganics, PCDD/PCDF;
1'-3': VOCs, SVOCs, Inorganics, PCDD/PCDF.
NA = PID meter was inoperable due to weather conditions.

Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 2' Macrocore

Easting: 131612.20
Casing Elevation: NA

Borehole Depth: 1' below grade
Surface Elevation: 983.2

Descriptions By: JAB

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1	1.0	0.0		ASPHALT. Brown fine SAND, little fine to coarse Gravel.	Borehole backfilled with Bentonite.
980							
5							
975							
10							
970							
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 0-1': PCBs, PCDD/PCDF.

Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-mounted Power Probe
Sample Method: 4' Macrocore

Easting: 131952.89
Casing Elevation: NA

Borehole Depth: 15' below grade
Surface Elevation: 982.2

Descriptions By: JAB

Boring ID: RAA13-Z99

Client: General Electric Company

Location: Newell Street Area II

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0							
	1	0-1				ASPHALT.	
						Brown fine SAND, trace fine Gravel, dry.	
						Orange-brown fine SAND, dry.	
980	2	1-3	3.7	0.0			
	3	3-4		0.0		Orange-brown fine SAND, trace coarse Sand, some fine to medium gravel, dry.	Borehole backfilled with Bentonite.
5	4	4-6		0.0			
			2.2				
975	5	6-8		0.0			
						Gray-brown fine SAND, some Silt and fine to medium Gravel, moist.	
	6	8-10		0.0		Gray fine SAND and SILT, moist.	
10			2.0				
	7	10-12		0.0			
970						Gray fine SAND and SILT, little fine to medium Gravel (poorly sorted), moist.	
	8	12-15	2.4	0.0			
15							

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: 1'-3': PCBs;
3'-6': PCBs;
6'-10': PCBs;
6'-15': PCBs.

Appendix B

Soil Analytical Results

BBL®
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-1 3-6 10/24/02	RAA13-1 4-6 10/24/02	RAA13-1 21-23 10/24/02	RAA13-A83 0-1 10/22/02	RAA13-A83 1-3 10/22/02
Volatile Organics					
1,1,1,2-Tetrachloroethane	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
1,1,1-Trichloroethane	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
1,1,2,2-Tetrachloroethane	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
1,1,2-Trichloroethane	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
1,1-Dichloroethane	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
1,1-Dichloroethene	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
1,2,3-Trichloropropane	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
1,2-Dibromo-3-chloropropane	NS	0.012	ND(0.0071)	ND(0.0071)	ND(0.0067)
1,2-Dibromoethane	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
1,2-Dichloroethane	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
1,2-Dichloropropane	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
1,4-Dioxane	NS	ND(0.15)	ND(0.14)	ND(0.14)	ND(0.13)
2-Butanone	NS	ND(0.015)	ND(0.014)	ND(0.014)	ND(0.013)
2-Chloro-1,3-butadiene	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
2-Chloroethylvinylether	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
2-Hexanone	NS	ND(0.015)	ND(0.014)	ND(0.014)	ND(0.013)
3-Chloropropene	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
4-Methyl-2-pentanone	NS	ND(0.015)	ND(0.014)	ND(0.014)	ND(0.013)
Acetone	NS	ND(0.031)	ND(0.028)	ND(0.028)	ND(0.027)
Acetonitrile	NS	ND(0.15)	ND(0.14)	ND(0.14)	ND(0.13)
Acrolein	NS	ND(0.15) J	ND(0.14) J	ND(0.14) J	ND(0.13) J
Acrylonitrile	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
Benzene	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
Bromodichloromethane	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
Bromoform	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
Bromomethane	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
Carbon Disulfide	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
Carbon Tetrachloride	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
Chlorobenzene	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
Chloroethane	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
Chloroform	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
Chloromethane	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
cis-1,3-Dichloropropene	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
Dibromochloromethane	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
Dibromomethane	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
Dichlorodifluoromethane	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
Ethyl Methacrylate	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
Ethylbenzene	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
Iodomethane	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
Isobutanol	NS	ND(0.15)	ND(0.14)	ND(0.14)	ND(0.13)
Methacrylonitrile	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
Methyl Methacrylate	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
Methylene Chloride	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
Propionitrile	NS	ND(0.015) J	ND(0.014) J	ND(0.014)	ND(0.013)
Styrene	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
Tetrachloroethene	NS	ND(0.0077)	0.0058 J	ND(0.0071)	ND(0.0067)
Toluene	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
trans-1,2-Dichloroethene	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
trans-1,3-Dichloropropene	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
trans-1,4-Dichloro-2-butene	NS	ND(0.0077) J	ND(0.0077) J	ND(0.0071)	ND(0.0067)
Trichloroethene	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
Trichlorofluoromethane	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
Vinyl Acetate	NS	ND(0.0077) J	ND(0.0071) J	ND(0.0071) J	ND(0.0067) J
Vinyl Chloride	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)
Xylenes (total)	NS	ND(0.0077)	ND(0.0071)	ND(0.0071)	ND(0.0067)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample/Location ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA13-1 3-6 10/24/02	RAA13-1 4-6 10/24/02	RAA13-1 21-23 10/24/02	RAA13-A83 0-1 10/22/02	RAA13-A83 1-3 10/22/02
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
1,2,4-Trichlorobenzene	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
1,2-Dichlorobenzene	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
1,2-Diphenylhydrazine	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
1,3,5-Trinitrobenzene	ND(1.0) J	NS	ND(0.80) J	ND(0.47)	ND(0.45)
1,3-Dichlorobenzene	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
1,3-Dinitrobenzene	ND(1.0)	NS	ND(0.95)	ND(0.95)	ND(0.90)
1,4-Dichlorobenzene	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
1,4-Naphthoquinone	ND(1.0)	NS	ND(0.95)	ND(0.95)	ND(0.90)
1-Naphthylamine	ND(1.0)	NS	ND(0.95)	ND(0.95)	ND(0.90)
2,3,4,6-Tetrachlorophenol	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
2,4,5-Trichlorophenol	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
2,4,6-Trichlorophenol	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
2,4-Dichlorophenol	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
2,4-Dimethylphenol	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
2,4-Dinitrophenol	ND(5.1)	NS	ND(4.0)	ND(2.4)	ND(2.3)
2,4-Dinitrotoluene	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
2,6-Dichlorophenol	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
2,6-Dinitrotoluene	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
2-Acetylaminofluorene	ND(1.0) J	NS	ND(0.95) J	ND(0.95)	ND(0.90)
2-Chloronaphthalene	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
2-Chlorophenol	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
2-Methylnaphthalene	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
2-Methylphenol	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
2-Naphthylamine	ND(1.0)	NS	ND(0.95)	ND(0.95)	ND(0.90)
2-Nitroaniline	ND(5.1)	NS	ND(4.0)	ND(2.4)	ND(2.3)
2-Nitrophenol	ND(1.0)	NS	ND(0.95)	ND(0.95)	ND(0.90)
2-Picoline	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
3&4-Methylphenol	ND(1.0)	NS	ND(0.95)	ND(0.95)	ND(0.90)
3,3'-Dichlorobenzidine	ND(2.0)	NS	ND(1.6)	ND(0.95)	ND(0.90)
3,3'-Dimethylbenzidine	ND(1.0) J	NS	ND(0.80) J	ND(0.47) J	ND(0.45) J
3-Methylcholanthrene	ND(1.0)	NS	ND(0.95)	ND(0.95)	ND(0.90)
3-Nitroaniline	ND(5.1)	NS	ND(4.0)	ND(2.4)	ND(2.3)
4,6-Dinitro-2-methylphenol	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
4-Aminobiphenyl	ND(1.0)	NS	ND(0.95)	ND(0.95)	ND(0.90)
4-Bromophenyl-phenylether	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
4-Chloro-3-Methylphenol	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
4-Chloroaniline	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
4-Chlorobenzilate	ND(1.0)	NS	ND(0.95)	ND(0.95)	ND(0.90)
4-Chlorophenyl-phenylether	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
4-Nitroaniline	ND(2.6)	NS	ND(2.4)	ND(2.4)	ND(2.3)
4-Nitrophenol	ND(5.1)	NS	ND(4.0)	ND(2.4)	ND(2.3)
4-Nitroquinoline-1-oxide	ND(1.0) J	NS	ND(0.95) J	ND(0.95) J	ND(0.90) J
4-Phenylenediamine	ND(1.0) J	NS	ND(0.95) J	ND(0.95) J	ND(0.90) J
5-Nitro-o-toluidine	ND(1.0)	NS	ND(0.95)	ND(0.95)	ND(0.90)
7,12-Dimethylbenz(a)anthracene	ND(1.0)	NS	ND(0.95)	ND(0.95)	ND(0.90)
a,a'-Dimethylphenethylamine	ND(1.0)	NS	ND(0.95)	ND(0.95)	ND(0.90)
Acenaphthene	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
Acenaphthylene	0.72 J	NS	ND(0.80)	ND(0.47)	ND(0.45)
Acetophenone	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
Aniline	ND(1.0)	NS	ND(0.80)	0.11 J	ND(0.45)
Anthracene	0.38 J	NS	ND(0.80)	ND(0.47)	ND(0.45)
Aramite	ND(1.0) J	NS	ND(0.95) J	ND(0.95)	ND(0.90)
Benzidine	ND(2.0) J	NS	ND(1.6) J	ND(0.95)	ND(0.90)
Benzo(a)anthracene	0.74 J	NS	ND(0.80)	0.26 J	ND(0.45)
Benzo(a)pyrene	0.87 J	NS	ND(0.80)	0.22 J	ND(0.45)
Benzo(b)fluoranthene	1.0 J	NS	ND(0.80)	0.34 J	ND(0.45)
Benzo(g,h,i)perylene	0.66 J	NS	ND(0.80)	0.16 J	ND(0.45)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-1 3-6 10/24/02	RAA13-1 4-6 10/24/02	RAA13-1 21-23 10/24/02	RAA13-A83 0-1 10/22/02	RAA13-A83 1-3 10/22/02
Semivolatile Organics(continued)					
Benzo(k)fluoranthene	0.41 J	NS	ND(0.80)	0.17 J	ND(0.45)
Benzyl Alcohol	ND(2.0)	NS	ND(1.6)	ND(0.95)	ND(0.90)
bis(2-Chloroethoxy)methane	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
bis(2-Chloroethyl)ether	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
bis(2-Chloroisopropyl)ether	ND(1.0) J	NS	ND(0.80) J	ND(0.47)	ND(0.45)
bis(2-Ethylhexyl)phthalate	ND(0.51)	NS	ND(0.47)	ND(0.47)	ND(0.44)
Butylbenzylphthalate	ND(1.0)	NS	ND(0.80)	ND(0.47) J	ND(0.45) J
Chrysene	0.71 J	NS	ND(0.80)	0.27 J	ND(0.45)
Diallate	ND(1.0)	NS	ND(0.95)	ND(0.95)	ND(0.90)
Dibenzo(a,h)anthracene	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
Dibenzofuran	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
Diethylphthalate	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
Dimethylphthalate	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
Di-n-Butylphthalate	2.0	NS	ND(0.80)	ND(0.47)	ND(0.45)
Di-n-Octylphthalate	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
Diphenylamine	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
Ethyl Methanesulfonate	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
Fluoranthene	1.2	NS	ND(0.80)	0.74	0.15 J
Fluorene	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
Hexachlorobenzene	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
Hexachlorobutadiene	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
Hexachlorocyclopentadiene	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
Hexachloroethane	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
Hexachlorophene	ND(2.0) J	NS	ND(1.6) J	ND(0.95) J	ND(0.90) J
Hexachloropropene	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
Indeno(1,2,3-cd)pyrene	0.50 J	NS	ND(0.80)	0.11 J	ND(0.45)
Isodrin	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
Isophorone	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
Isosafrole	ND(1.0)	NS	ND(0.95)	ND(0.95)	ND(0.90)
Methapyrilene	ND(1.0) J	NS	ND(0.95) J	ND(0.95)	ND(0.90)
Methyl Methanesulfonate	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
Naphthalene	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
Nitrobenzene	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
N-Nitrosodiethylamine	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
N-Nitrosodimethylamine	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
N-Nitroso-di-n-butylamine	ND(1.0)	NS	ND(0.95)	ND(0.95)	ND(0.90)
N-Nitroso-di-n-propylamine	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
N-Nitrosodiphenylamine	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
N-Nitrosomethylethylamine	ND(1.0)	NS	ND(0.95)	ND(0.95)	ND(0.90)
N-Nitrosomorpholine	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
N-Nitrosopiperidine	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
N-Nitrosopyrrolidine	ND(1.0)	NS	ND(0.95)	ND(0.95)	ND(0.90)
o,o,o-Triethylphosphorothioate	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
o-Toluidine	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
p-Dimethylaminoazobenzene	ND(1.0)	NS	ND(0.95)	ND(0.95)	ND(0.90)
Pentachlorobenzene	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
Pentachloroethane	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
Pentachloronitrobenzene	ND(1.0)	NS	ND(0.95)	ND(0.95)	ND(0.90)
Pentachlorophenol	ND(5.1)	NS	ND(4.0)	ND(2.4)	ND(2.3)
Phenacetin	ND(1.0)	NS	ND(0.95)	ND(0.95)	ND(0.90)
Phenanthrene	0.73 J	NS	ND(0.80)	0.42 J	0.12 J
Phenol	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
Pronamide	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
Pyrene	1.5	NS	ND(0.80)	0.71	0.18 J
Pyridine	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
Safrole	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)
Thionazin	ND(1.0)	NS	ND(0.80)	ND(0.47)	ND(0.45)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-1 3-6 10/24/02	RAA13-1 4-6 10/24/02	RAA13-1 21-23 10/24/02	RAA13-A83 0-1 10/22/02	RAA13-A83 1-3 10/22/02
Furans					
2,3,7,8-TCDF	0.00025 Y	NS	ND(0.0000017)	0.000030 YQI	0.000036 YI
TCDFs (total)	0.0042 I	NS	ND(0.0000017)	0.00027	0.00030
1,2,3,7,8-PeCDF	0.000095	NS	ND(0.0000028)	0.000018	0.000015
2,3,4,7,8-PeCDF	0.00045	NS	ND(0.0000028)	0.000030	0.000023
PeCDFs (total)	0.0068 I	NS	ND(0.0000028)	0.00033 I	0.00030
1,2,3,4,7,8-HxCDF	0.00045	NS	ND(0.0000028)	0.000076	0.000032
1,2,3,6,7,8-HxCDF	0.00027 I	NS	ND(0.0000028)	0.000038	0.000020
1,2,3,7,8,9-HxCDF	0.000062	NS	ND(0.0000030)	0.000011	0.0000046 J
2,3,4,6,7,8-HxCDF	0.00058	NS	ND(0.0000028)	0.000030	0.000021
HxCDFs (total)	0.011 I	NS	ND(0.0000028)	0.00049	0.00037
1,2,3,4,6,7,8-HpCDF	0.0010	NS	ND(0.0000028)	0.00013	0.000066
1,2,3,4,7,8,9-HpCDF	0.00011	NS	ND(0.0000028)	0.000041	0.0000085
HpCDFs (total)	0.0031	NS	ND(0.0000028)	0.00027	0.00014
OCDF	0.00052	NS	ND(0.0000057)	0.00019	0.000069
Dioxins					
2,3,7,8-TCDD	0.0000019 J	NS	ND(0.0000013)	ND(0.00000075) X	ND(0.00000092) X
TCDDs (total)	0.000039	NS	ND(0.0000029)	0.0000097	0.0000044
1,2,3,7,8-PeCDD	ND(0.0000075) X	NS	ND(0.0000028)	ND(0.0000014) X	ND(0.0000015) X
PeCDDs (total)	0.000041	NS	ND(0.0000042)	0.000016	0.000011
1,2,3,4,7,8-HxCDD	0.0000056	NS	ND(0.0000033)	0.0000010 J	ND(0.0000011) X
1,2,3,6,7,8-HxCDD	0.000018	NS	ND(0.0000028)	0.0000018 J	0.0000028 J
1,2,3,7,8,9-HxCDD	0.0000092	NS	ND(0.0000028)	0.0000014 J	0.0000026 J
HxCDDs (total)	0.00016	NS	ND(0.0000052)	0.000026	0.000028
1,2,3,4,6,7,8-HpCDD	0.00021	NS	ND(0.0000033)	0.000014	0.000049
HpCDDs (total)	0.00038	NS	ND(0.0000033)	0.000026	0.000084
OCDD	0.0024	NS	ND(0.0000070)	0.000066	0.00061
Total TEQs (WHO TEFs)	0.00041	NS	0.0000040	0.000038	0.000027
Inorganics					
Antimony	ND(6.00)	NS	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic	13.0	NS	4.60	4.50 J	5.60 J
Barium	250	NS	23.0	48.0	52.0
Beryllium	ND(0.500)	NS	ND(0.500)	ND(0.500)	ND(0.500)
Cadmium	4.80	NS	0.670	ND(0.500) J	ND(0.500) J
Chromium	53.0	NS	6.90	12.0	25.0
Cobalt	13.0	NS	7.60	9.40	9.90
Copper	180	NS	13.0	33.0 J	36.0 J
Cyanide	0.740	NS	ND(0.710)	ND(0.140)	ND(0.130)
Lead	620	NS	6.60	34.0	38.0
Mercury	0.470	NS	ND(0.140)	0.230	0.350
Nickel	27.0	NS	14.0	17.0	18.0
Selenium	ND(1.20) J	NS	ND(1.10) J	ND(1.00) J	ND(1.00) J
Silver	ND(1.20)	NS	ND(1.10)	ND(1.00)	0.780 B
Sulfide	120	NS	57.0	29.0	19.0
Thallium	ND(2.30) J	NS	ND(2.10) J	ND(2.10) J	ND(2.00) J
Tin	300	NS	5.10 B	5.80 B	ND(10.0)
Vanadium	8.40	NS	6.40	12.0	11.0
Zinc	790 J	NS	67.0 J	76.0 J	83.0 J

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-A83 10-15 10/22/02	RAA13-A83 12-15 10/22/02	RAA13-A84 0-1 10/22/02	RAA13-A84 1-3 10/22/02	RAA13-A84 6-8 10/22/02
Volatile Organics					
1,1,1,2-Tetrachloroethane	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
1,1,1-Trichloroethane	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
1,1,2,2-Tetrachloroethane	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
1,1,2-Trichloroethane	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
1,1-Dichloroethane	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
1,1-Dichloroethene	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
1,2,3-Trichloropropane	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
1,2-Dibromo-3-chloropropane	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
1,2-Dibromoethane	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
1,2-Dichloroethane	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
1,2-Dichloropropane	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
1,4-Dioxane	NS	ND(0.16)	ND(0.14)	ND(0.13)	ND(0.15)
2-Butanone	NS	ND(0.016)	ND(0.014)	ND(0.013)	ND(0.015)
2-Chloro-1,3-butadiene	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
2-Chloroethylvinylether	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
2-Hexanone	NS	ND(0.016)	ND(0.014)	ND(0.013)	ND(0.015)
3-Chloropropene	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
4-Methyl-2-pentanone	NS	ND(0.016)	ND(0.014)	ND(0.013)	ND(0.015)
Acetone	NS	ND(0.032)	ND(0.029)	ND(0.027)	ND(0.029)
Acetonitrile	NS	ND(0.16)	ND(0.14)	ND(0.13)	ND(0.15)
Acrolein	NS	ND(0.16) J	ND(0.14) J	ND(0.13) J	ND(0.15) J
Acrylonitrile	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
Benzene	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
Bromodichloromethane	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
Bromoform	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
Bromomethane	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
Carbon Disulfide	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
Carbon Tetrachloride	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
Chlorobenzene	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
Chloroethane	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
Chloroform	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
Chloromethane	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
cis-1,3-Dichloropropene	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
Dibromochloromethane	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
Dibromomethane	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
Dichlorodifluoromethane	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073) J
Ethyl Methacrylate	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
Ethylbenzene	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
Iodomethane	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
Isobutanol	NS	ND(0.16)	ND(0.14)	ND(0.13)	ND(0.15)
Methacrylonitrile	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
Methyl Methacrylate	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
Methylene Chloride	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
Propionitrile	NS	ND(0.016)	ND(0.014)	ND(0.013)	ND(0.015)
Styrene	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
Tetrachloroethene	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
Toluene	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
trans-1,2-Dichloroethene	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
trans-1,3-Dichloropropene	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
trans-1,4-Dichloro-2-butene	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
Trichloroethene	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
Trichlorofluoromethane	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
Vinyl Acetate	NS	ND(0.0080) J	ND(0.0072) J	ND(0.0067) J	ND(0.0073) J
Vinyl Chloride	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)
Xylenes (total)	NS	ND(0.0080)	ND(0.0072)	ND(0.0067)	ND(0.0073)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-A83 10-15 10/22/02	RAA13-A83 12-15 10/22/02	RAA13-A84 0-1 10/22/02	RAA13-A84 1-3 10/22/02	RAA13-A84 6-8 10/22/02
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
1,2,4-Trichlorobenzene	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
1,2-Dichlorobenzene	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
1,2-Diphenylhydrazine	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
1,3,5-Trinitrobenzene	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
1,3-Dichlorobenzene	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
1,3-Dinitrobenzene	ND(1.1)	NS	ND(0.96)	ND(0.89)	NS
1,4-Dichlorobenzene	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
1,4-Naphthoquinone	ND(1.1)	NS	ND(0.96)	ND(0.89)	NS
1-Naphthylamine	ND(1.1)	NS	ND(0.96)	ND(0.89)	NS
2,3,4,6-Tetrachlorophenol	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
2,4,5-Trichlorophenol	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
2,4,6-Trichlorophenol	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
2,4-Dichlorophenol	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
2,4-Dimethylphenol	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
2,4-Dinitrophenol	ND(2.7)	NS	ND(2.4)	ND(2.3)	NS
2,4-Dinitrotoluene	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
2,6-Dichlorophenol	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
2,6-Dinitrotoluene	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
2-Acetylaminofluorene	ND(1.1)	NS	ND(0.96)	ND(0.89)	NS
2-Chloronaphthalene	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
2-Chlorophenol	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
2-Methylnaphthalene	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
2-Methylphenol	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
2-Naphthylamine	ND(1.1)	NS	ND(0.96)	ND(0.89)	NS
2-Nitroaniline	ND(2.7)	NS	ND(2.4)	ND(2.3)	NS
2-Nitrophenol	ND(1.1)	NS	ND(0.96)	ND(0.89)	NS
2-Picoline	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
3&4-Methylphenol	ND(1.1)	NS	ND(0.96)	ND(0.89)	NS
3,3'-Dichlorobenzidine	ND(1.1)	NS	ND(0.96)	ND(0.89)	NS
3,3'-Dimethylbenzidine	ND(0.54) J	NS	ND(0.48) J	ND(0.44) J	NS
3-Methylcholanthrene	ND(1.1)	NS	ND(0.96)	ND(0.89)	NS
3-Nitroaniline	ND(2.7)	NS	ND(2.4)	ND(2.3)	NS
4,6-Dinitro-2-methylphenol	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
4-Aminobiphenyl	ND(1.1)	NS	ND(0.96)	ND(0.89)	NS
4-Bromophenyl-phenylether	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
4-Chloro-3-Methylphenol	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
4-Chloroaniline	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
4-Chlorobenzilate	ND(1.1)	NS	ND(0.96)	ND(0.89)	NS
4-Chlorophenyl-phenylether	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
4-Nitroaniline	ND(2.7)	NS	ND(2.4)	ND(2.3)	NS
4-Nitrophenol	ND(2.7)	NS	ND(2.4)	ND(2.3)	NS
4-Nitroquinoline-1-oxide	ND(1.1) J	NS	ND(0.96) J	ND(0.89) J	NS
4-Phenylenediamine	ND(1.1) J	NS	ND(0.96) J	ND(0.89) J	NS
5-Nitro-o-toluidine	ND(1.1)	NS	ND(0.96)	ND(0.89)	NS
7,12-Dimethylbenz(a)anthracene	ND(1.1)	NS	ND(0.96)	ND(0.89)	NS
a,a'-Dimethylphenethylamine	ND(1.1)	NS	ND(0.96)	ND(0.89)	NS
Acenaphthene	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
Acenaphthylene	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
Acetophenone	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
Aniline	ND(0.54)	NS	0.13 J	ND(0.44)	NS
Anthracene	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
Aramite	ND(1.1)	NS	ND(0.96)	ND(0.89)	NS
Benzidine	ND(1.1)	NS	ND(0.96)	ND(0.89)	NS
Benzo(a)anthracene	ND(0.54)	NS	0.10 J	ND(0.44)	NS
Benzo(a)pyrene	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
Benzo(b)fluoranthene	ND(0.54)	NS	0.11 J	ND(0.44)	NS
Benzo(g,h,i)perylene	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample/Location ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA13-A83 10-15 10/22/02	RAA13-A83 12-15 10/22/02	RAA13-A84 0-1 10/22/02	RAA13-A84 1-3 10/22/02	RAA13-A84 6-8 10/22/02
Semivolatile Organics(continued)					
Benzo(k)fluoranthene	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
Benzyl Alcohol	ND(1.1)	NS	ND(0.96)	ND(0.89)	NS
bis(2-Chloroethoxy)methane	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
bis(2-Chloroethyl)ether	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
bis(2-Chloroisopropyl)ether	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
bis(2-Ethylhexyl)phthalate	ND(0.53)	NS	ND(0.48)	ND(0.44)	NS
Butylbenzylphthalate	ND(0.54) J	NS	ND(0.48) J	ND(0.44) J	NS
Chrysene	ND(0.54)	NS	0.11 J	ND(0.44)	NS
Diallate	ND(1.1)	NS	ND(0.96)	ND(0.89)	NS
Dibenzo(a,h)anthracene	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
Dibenzofuran	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
Diethylphthalate	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
Dimethylphthalate	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
Di-n-Butylphthalate	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
Di-n-Octylphthalate	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
Diphenylamine	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
Ethyl Methanesulfonate	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
Fluoranthene	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
Fluorene	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
Hexachlorobenzene	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
Hexachlorobutadiene	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
Hexachlorocyclopentadiene	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
Hexachloroethane	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
Hexachlorophene	ND(1.1) J	NS	ND(0.96) J	ND(0.89) J	NS
Hexachloropropene	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
Indeno(1,2,3-cd)pyrene	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
Isodrin	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
Isophorone	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
Isosafrole	ND(1.1)	NS	ND(0.96)	ND(0.89)	NS
Methapyrilene	ND(1.1)	NS	ND(0.96)	ND(0.89)	NS
Methyl Methanesulfonate	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
Naphthalene	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
Nitrobenzene	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
N-Nitrosodiethylamine	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
N-Nitrosodimethylamine	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
N-Nitroso-di-n-butylamine	ND(1.1)	NS	ND(0.96)	ND(0.89)	NS
N-Nitroso-di-n-propylamine	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
N-Nitrosodiphenylamine	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
N-Nitrosomethylethylamine	ND(1.1)	NS	ND(0.96)	ND(0.89)	NS
N-Nitrosomorpholine	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
N-Nitrosopiperidine	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
N-Nitrosopyrrolidine	ND(1.1)	NS	ND(0.96)	ND(0.89)	NS
o,o,o-Triethylphosphorothioate	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
o-Toluidine	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
p-Dimethylaminoazobenzene	ND(1.1)	NS	ND(0.96)	ND(0.89)	NS
Pentachlorobenzene	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
Pentachloroethane	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
Pentachloronitrobenzene	ND(1.1)	NS	ND(0.96)	ND(0.89)	NS
Pentachlorophenol	ND(2.7)	NS	ND(2.4)	ND(2.3)	NS
Phenacetin	ND(1.1)	NS	ND(0.96)	ND(0.89)	NS
Phenanthrene	ND(0.54)	NS	0.12 J	ND(0.44)	NS
Phenol	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
Pronamide	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
Pyrene	ND(0.54)	NS	0.22 J	ND(0.44)	NS
Pyridine	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
Safrole	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS
Thionazin	ND(0.54)	NS	ND(0.48)	ND(0.44)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-A83 10-15 10/22/02	RAA13-A83 12-15 10/22/02	RAA13-A84 0-1 10/22/02	RAA13-A84 1-3 10/22/02	RAA13-A84 6-8 10/22/02
Furans					
2,3,7,8-TCDF	ND(0.00000031)	NS	0.000071 Y	0.0000012 J	NS
TCDFs (total)	ND(0.00000031)	NS	0.00064 I	0.0000075 I	NS
1,2,3,7,8-PeCDF	ND(0.00000061)	NS	0.000045	0.00000064 J	NS
2,3,4,7,8-PeCDF	ND(0.00000061)	NS	0.000074	0.00000082 J	NS
PeCDFs (total)	ND(0.00000061)	NS	0.00074 I	0.0000077	NS
1,2,3,4,7,8-HxCDF	ND(0.00000061)	NS	0.00015	0.0000012 J	NS
1,2,3,6,7,8-HxCDF	ND(0.00000061)	NS	0.000079	0.00000076 J	NS
1,2,3,7,8,9-HxCDF	ND(0.00000061)	NS	0.000019	ND(0.00000053)	NS
2,3,4,6,7,8-HxCDF	ND(0.00000061)	NS	0.000049	0.00000064 J	NS
HxCDFs (total)	ND(0.00000061)	NS	0.00084	0.0000088	NS
1,2,3,4,6,7,8-HpCDF	ND(0.00000061)	NS	0.00018	0.0000021 J	NS
1,2,3,4,7,8,9-HpCDF	ND(0.00000061)	NS	0.000034	ND(0.00000028) X	NS
HpCDFs (total)	ND(0.00000061)	NS	0.00034	0.0000035	NS
OCDF	ND(0.0000012)	NS	0.00018	0.0000014 J	NS
Dioxins					
2,3,7,8-TCDD	ND(0.00000047)	NS	ND(0.0000010) X	ND(0.00000022)	NS
TCDDs (total)	ND(0.00000091)	NS	0.000011	ND(0.00000070)	NS
1,2,3,7,8-PeCDD	ND(0.00000061)	NS	ND(0.0000025) X	ND(0.00000053)	NS
PeCDDs (total)	ND(0.0000012)	NS	0.000014	ND(0.00000098)	NS
1,2,3,4,7,8-HxCDD	ND(0.00000061)	NS	0.0000017 J	ND(0.00000053)	NS
1,2,3,6,7,8-HxCDD	ND(0.00000061)	NS	0.0000031 J	ND(0.00000053)	NS
1,2,3,7,8,9-HxCDD	ND(0.00000061)	NS	0.0000030 J	ND(0.00000053)	NS
HxCDDs (total)	ND(0.0000012)	NS	0.000039	ND(0.00000096)	NS
1,2,3,4,6,7,8-HpCDD	ND(0.00000054) X	NS	0.000030	0.00000069 J	NS
HpCDDs (total)	0.00000039	NS	0.000059	0.0000012	NS
OCDD	ND(0.0000025)	NS	0.00017	ND(0.0000042)	NS
Total TEQs (WHO TEFs)	0.00000095	NS	0.000081	0.0000013	NS
Inorganics					
Antimony	ND(6.00)	NS	ND(6.00)	ND(6.00)	NS
Arsenic	1.30 J	NS	5.50 J	2.40 J	NS
Barium	ND(20.0)	NS	50.0	26.0	NS
Beryllium	0.200 B	NS	ND(0.500)	ND(0.500)	NS
Cadmium	ND(0.200) J	NS	ND(0.500) J	ND(0.190) J	NS
Chromium	8.50	NS	14.0	9.20	NS
Cobalt	7.60	NS	11.0	7.90	NS
Copper	7.20 J	NS	48.0 J	10.0 J	NS
Cyanide	ND(0.160)	NS	0.120 B	ND(0.130)	NS
Lead	3.70	NS	38.0	5.50	NS
Mercury	ND(0.160)	NS	0.210	ND(0.130)	NS
Nickel	12.0	NS	20.0	13.0	NS
Selenium	ND(1.20) J	NS	ND(1.10) J	ND(1.00) J	NS
Silver	ND(1.20)	NS	ND(1.10)	0.630 B	NS
Sulfide	28.0	NS	25.0	21.0	NS
Thallium	ND(2.40) J	NS	ND(2.20) J	ND(2.00) J	NS
Tin	5.20 B	NS	ND(11.0)	4.30 B	NS
Vanadium	8.20	NS	14.0	9.40	NS
Zinc	47.0 J	NS	88.0 J	42.0 J	NS

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-A84 6-10 10/22/02	RAA13-A86 0-1 10/22/02	RAA13-A86 1-3 10/22/02	RAA13-A89 0-1 10/04/02	RAA13-A94 0-1 09/30/02
Volatile Organics					
1,1,1,2-Tetrachloroethane	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
1,1,1-Trichloroethane	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
1,1,2,2-Tetrachloroethane	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
1,1,2-Trichloroethane	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
1,1-Dichloroethane	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
1,1-Dichloroethene	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
1,2,3-Trichloropropane	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
1,2-Dibromo-3-chloropropane	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
1,2-Dibromoethane	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
1,2-Dichloroethane	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
1,2-Dichloropropane	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
1,4-Dioxane	NS	ND(0.15)	ND(0.14)	ND(0.15)	ND(0.12) J
2-Butanone	NS	ND(0.015)	ND(0.014)	ND(0.015)	ND(0.012)
2-Chloro-1,3-butadiene	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
2-Chloroethylvinylether	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
2-Hexanone	NS	ND(0.015)	ND(0.014)	ND(0.015)	ND(0.012) J
3-Chloropropene	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
4-Methyl-2-pentanone	NS	ND(0.015)	ND(0.014)	ND(0.015)	ND(0.012) J
Acetone	NS	ND(0.031)	ND(0.027)	ND(0.029)	ND(0.025) J
Acetonitrile	NS	ND(0.15)	ND(0.14)	ND(0.15)	ND(0.12) J
Acrolein	NS	ND(0.15) J	ND(0.14) J	ND(0.15) J	ND(0.12) J
Acrylonitrile	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
Benzene	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
Bromodichloromethane	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
Bromoform	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
Bromomethane	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
Carbon Disulfide	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
Carbon Tetrachloride	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
Chlorobenzene	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
Chloroethane	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
Chloroform	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
Chloromethane	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
cis-1,3-Dichloropropene	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
Dibromochloromethane	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
Dibromomethane	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
Dichlorodifluoromethane	NS	ND(0.0077) J	ND(0.0068)	ND(0.0074)	ND(0.0062)
Ethyl Methacrylate	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
Ethylbenzene	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
Iodomethane	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
Isobutanol	NS	ND(0.15)	ND(0.14)	ND(0.15)	ND(0.12)
Methacrylonitrile	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
Methyl Methacrylate	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
Methylene Chloride	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
Propionitrile	NS	ND(0.015)	ND(0.014)	ND(0.015)	ND(0.012) J
Styrene	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
Tetrachloroethene	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
Toluene	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
trans-1,2-Dichloroethene	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
trans-1,3-Dichloropropene	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
trans-1,4-Dichloro-2-butene	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
Trichloroethene	NS	ND(0.0077)	ND(0.0068)	0.032	ND(0.0062)
Trichlorofluoromethane	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
Vinyl Acetate	NS	ND(0.0077) J	ND(0.0068) J	ND(0.0074)	ND(0.0062)
Vinyl Chloride	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)
Xylenes (total)	NS	ND(0.0077)	ND(0.0068)	ND(0.0074)	ND(0.0062)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-A84 6-10 10/22/02	RAA13-A86 0-1 10/22/02	RAA13-A86 1-3 10/22/02	RAA13-A89 0-1 10/04/02	RAA13-A94 0-1 09/30/02
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
1,2,4-Trichlorobenzene	ND(0.49)	ND(0.51)	1.1	0.29 J	ND(0.42)
1,2-Dichlorobenzene	ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
1,2-Diphenylhydrazine	ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
1,3,5-Trinitrobenzene	ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
1,3-Dichlorobenzene	ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
1,3-Dinitrobenzene	ND(0.98)	ND(1.0)	ND(0.92)	ND(0.98)	ND(0.84)
1,4-Dichlorobenzene	ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
1,4-Naphthoquinone	ND(0.98)	ND(1.0)	ND(0.92)	ND(0.98)	ND(0.84)
1-Naphthylamine	ND(0.98)	ND(1.0)	ND(0.92)	ND(0.98)	ND(0.84)
2,3,4,6-Tetrachlorophenol	ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
2,4,5-Trichlorophenol	ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42) J
2,4,6-Trichlorophenol	ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
2,4-Dichlorophenol	ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
2,4-Dimethylphenol	ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
2,4-Dinitrophenol	ND(2.5)	ND(2.6)	ND(2.3)	ND(2.5)	ND(2.1)
2,4-Dinitrotoluene	ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
2,6-Dichlorophenol	ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
2,6-Dinitrotoluene	ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
2-Acetylaminofluorene	ND(0.98)	ND(1.0)	ND(0.92)	ND(0.98)	ND(0.84)
2-Chloronaphthalene	ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
2-Chlorophenol	ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
2-Methylnaphthalene	ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	0.42
2-Methylphenol	ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
2-Naphthylamine	ND(0.98)	ND(1.0)	ND(0.92)	ND(0.98)	ND(0.84)
2-Nitroaniline	ND(2.5)	ND(2.6)	ND(2.3)	ND(2.5)	ND(2.1)
2-Nitrophenol	ND(0.98)	ND(1.0)	ND(0.92)	ND(0.98)	ND(0.84)
2-Picoline	ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
3&4-Methylphenol	ND(0.98)	ND(1.0)	ND(0.92)	ND(0.98)	ND(0.84)
3,3'-Dichlorobenzidine	ND(0.98)	ND(1.0)	ND(0.92)	ND(0.98)	ND(0.84)
3,3'-Dimethylbenzidine	ND(0.49) J	ND(0.51) J	ND(0.46) J	ND(0.49)	ND(0.42)
3-Methylcholanthrene	ND(0.98)	ND(1.0)	ND(0.92)	ND(0.98)	ND(0.84)
3-Nitroaniline	ND(2.5)	ND(2.6)	ND(2.3)	ND(2.5)	ND(2.1)
4,6-Dinitro-2-methylphenol	ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
4-Aminobiphenyl	ND(0.98)	ND(1.0)	ND(0.92)	ND(0.98)	ND(0.84)
4-Bromophenyl-phenylether	ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
4-Chloro-3-Methylphenol	ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
4-Chloroaniline	ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	0.23 J
4-Chlorobenzilate	ND(0.98)	ND(1.0)	ND(0.92)	ND(0.98)	ND(0.84)
4-Chlorophenyl-phenylether	ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
4-Nitroaniline	ND(2.5)	ND(2.6)	ND(2.3)	ND(2.5)	ND(2.1)
4-Nitrophenol	ND(2.5)	ND(2.6)	ND(2.3)	ND(2.5)	ND(2.1)
4-Nitroquinoline-1-oxide	ND(0.98) J	ND(1.0) J	ND(0.92) J	ND(0.98)	ND(0.84) J
4-Phenylenediamine	ND(0.98) J	ND(1.0) J	ND(0.92) J	ND(0.98) J	ND(0.84) J
5-Nitro-o-toluidine	ND(0.98)	ND(1.0)	ND(0.92)	ND(0.98)	ND(0.84)
7,12-Dimethylbenz(a)anthracene	ND(0.98)	ND(1.0)	ND(0.92)	ND(0.98)	ND(0.84)
a,a'-Dimethylphenethylamine	ND(0.98)	ND(1.0)	ND(0.92)	ND(0.98)	ND(0.84)
Acenaphthene	ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	0.28 J
Acenaphthylene	ND(0.49)	0.16 J	ND(0.46)	ND(0.49)	1.3
Acetophenone	ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
Aniline	ND(0.49)	0.32 J	0.16 J	0.11 J	ND(0.42)
Anthracene	ND(0.49)	0.11 J	ND(0.46)	ND(0.49)	1.4
Aramite	ND(0.98)	ND(1.0)	ND(0.92)	ND(0.98)	ND(0.84)
Benzidine	ND(0.98)	ND(1.0)	ND(0.92)	ND(0.98)	ND(0.84) J
Benzo(a)anthracene	ND(0.49)	0.26 J	0.12 J	0.24 J	2.8
Benzo(a)pyrene	ND(0.49)	0.26 J	0.11 J	0.28 J	2.6
Benzo(b)fluoranthene	ND(0.49)	0.34 J	0.14 J	0.50	2.5
Benzo(g,h,i)perylene	ND(0.49)	0.22 J	ND(0.46)	0.26 J	1.5

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-A84 6-10 10/22/02	RAA13-A86 0-1 10/22/02	RAA13-A86 1-3 10/22/02	RAA13-A89 0-1 10/04/02	RAA13-A94 0-1 09/30/02
Semivolatile Organics(continued)						
Benzo(k)fluoranthene		ND(0.49)	ND(0.51)	ND(0.46)	0.18 J	0.86
Benzyl Alcohol		ND(0.98)	ND(1.0)	ND(0.92)	ND(0.98)	ND(0.84)
bis(2-Chloroethoxy)methane		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
bis(2-Chloroethyl)ether		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
bis(2-Chloroisopropyl)ether		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
bis(2-Ethylhexyl)phthalate		ND(0.48)	ND(0.50)	ND(0.45)	ND(0.48)	ND(0.41)
Butylbenzylphthalate		ND(0.49) J	ND(0.51) J	ND(0.46) J	ND(0.49)	ND(0.42)
Chrysene		ND(0.49)	0.34 J	0.11 J	0.26 J	3.4
Diallate		ND(0.98)	ND(1.0)	ND(0.92)	ND(0.98)	ND(0.84)
Dibenzo(a,h)anthracene		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	0.41 J
Dibenzofuran		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	0.11 J
Diethylphthalate		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
Dimethylphthalate		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
Di-n-Butylphthalate		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
Di-n-Octylphthalate		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
Diphenylamine		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
Ethyl Methanesulfonate		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
Fluoranthene		ND(0.49)	0.50 J	0.17 J	0.52	5.5
Fluorene		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	0.62
Hexachlorobenzene		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
Hexachlorobutadiene		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
Hexachlorocyclopentadiene		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
Hexachloroethane		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
Hexachlorophene		ND(0.98) J	ND(1.0) J	ND(0.92) J	ND(0.98) J	ND(0.84) J
Hexachloropropene		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
Indeno(1,2,3-cd)pyrene		ND(0.49)	0.16 J	ND(0.46)	0.21 J	1.0
Isodrin		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
Isophorone		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
Isosafrole		ND(0.98)	ND(1.0)	ND(0.92)	ND(0.98)	ND(0.84)
Methapyrilene		ND(0.98)	ND(1.0)	ND(0.92)	ND(0.98)	ND(0.84)
Methyl Methanesulfonate		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
Naphthalene		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	0.61
Nitrobenzene		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
N-Nitrosodiethylamine		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
N-Nitrosodimethylamine		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
N-Nitroso-di-n-butylamine		ND(0.98)	ND(1.0)	ND(0.92)	ND(0.98)	ND(0.84)
N-Nitroso-di-n-propylamine		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
N-Nitrosodiphenylamine		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
N-Nitrosomethylethylamine		ND(0.98)	ND(1.0)	ND(0.92)	ND(0.98)	ND(0.84)
N-Nitrosomorpholine		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
N-Nitrosopiperidine		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
N-Nitrosopyrrolidine		ND(0.98)	ND(1.0)	ND(0.92)	ND(0.98)	ND(0.84)
o,o,o-Triethylphosphorothioate		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
o-Toluidine		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
p-Dimethylaminoazobenzene		ND(0.98)	ND(1.0)	ND(0.92)	ND(0.98)	ND(0.84)
Pentachlorobenzene		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
Pentachloroethane		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
Pentachloronitrobenzene		ND(0.98)	ND(1.0)	ND(0.92)	ND(0.98)	ND(0.84)
Pentachlorophenol		ND(2.5)	ND(2.6)	ND(2.3)	ND(2.5)	ND(2.1)
Phenacetin		ND(0.98)	ND(1.0)	ND(0.92)	ND(0.98)	ND(0.84)
Phenanthrene		ND(0.49)	0.37 J	0.11 J	0.39 J	4.6
Phenol		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
Pronamide		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
Pyrene		ND(0.49)	0.60	0.22 J	0.42 J	7.9
Pyridine		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
Safrole		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)
Thionazin		ND(0.49)	ND(0.51)	ND(0.46)	ND(0.49)	ND(0.42)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-A84 6-10 10/22/02	RAA13-A86 0-1 10/22/02	RAA13-A86 1-3 10/22/02	RAA13-A89 0-1 10/04/02	RAA13-A94 0-1 09/30/02
Furans						
2,3,7,8-TCDF		0.000022 YI	0.00048 Y	0.0016 YEIJ	0.0013 YEQIJ	0.0000090 YQ
TCDFs (total)		0.00022	0.0041 I	0.020 I	0.0097	0.000020
1,2,3,7,8-PeCDF		0.000015	0.00034	0.0026 EJ	0.00069	0.0000027 J
2,3,4,7,8-PeCDF		0.000028	0.00047	0.0026 EJ	0.0011 EJ	0.0000041 JQ
PeCDFs (total)		0.00029 I	0.0043 I	0.029 I	0.0098 Q	0.000025 Q
1,2,3,4,7,8-HxCDF		0.000054	0.0010	0.0055 EIJ	0.0015 EJ	0.000010
1,2,3,6,7,8-HxCDF		0.000032	0.00059 I	0.0036 EIJ	0.00076	0.0000054
1,2,3,7,8,9-HxCDF		0.0000073	0.00011	0.00060	0.00021	0.0000015 JQ
2,3,4,6,7,8-HxCDF		0.000021	0.00025	0.0011	0.00054	0.0000017 J
HxCDFs (total)		0.00035	0.0048 I	0.021 I	0.0070 I	0.000046
1,2,3,4,6,7,8-HpCDF		0.000068	0.0010	0.0035 EJ	0.0018 EJ	0.0000094
1,2,3,4,7,8,9-HpCDF		0.000014	0.00021	0.0011	0.00027	0.0000025 J
HpCDFs (total)		0.00014	0.0018	0.0062	0.0027 I	0.000016
OCDF		0.000062	0.0012	0.0038	0.0014	0.0000068 J
Dioxins						
2,3,7,8-TCDD		ND(0.00000049) X	0.0000040	0.0000059	0.000015	ND(0.00000029)
TCDDs (total)		0.0000040	0.000061	0.00017	0.00040	ND(0.00000029) Q
1,2,3,7,8-PeCDD		ND(0.0000011) X	ND(0.000011) X	0.000022	0.000071	ND(0.00000048)
PeCDDs (total)		0.0000080	0.000096	0.00027	0.0010 Q	0.00000021 Q
1,2,3,4,7,8-HxCDD		0.00000074 J	0.0000081	0.000021	0.000051	ND(0.00000048)
1,2,3,6,7,8-HxCDD		0.0000016 J	0.000014	0.000035	0.00017	0.00000038 J
1,2,3,7,8,9-HxCDD		0.0000021 J	0.000013	0.000028	0.000099	0.00000040 J
HxCDDs (total)		0.000016	0.00017	0.00046	0.0019	0.0000019
1,2,3,4,6,7,8-HpCDD		0.000014	0.000096	0.00023	0.00075	0.0000034 J
HpCDDs (total)		0.000028	0.00019	0.00052	0.0017	0.0000067
OCDD		0.00011	0.00035	0.00057	0.0037 EJ	0.000017
Total TEQs (WHO TEFs)		0.000031	0.00052	0.0028	0.0012	0.0000056
Inorganics						
Antimony		ND(6.00)	ND(6.00)	1.90 B	14.0	ND(6.00)
Arsenic		4.80 J	5.10 J	7.50 J	7.70	7.60
Barium		36.0	76.0	71.0	160	ND(20.0)
Beryllium		ND(0.500)	ND(0.500)	ND(0.500)	0.140 B	0.130 B
Cadmium		ND(0.190) J	0.740 J	0.620 J	1.60	0.160 B
Chromium		12.0	16.0	17.0	17.0	9.70
Cobalt		9.60	10.0	11.0	ND(5.00)	11.0
Copper		24.0 J	120 J	160 J	9500	35.0
Cyanide		ND(0.150)	ND(0.150)	ND(0.140)	ND(0.150)	0.130
Lead		16.0	100	490	680	27.0
Mercury		0.0720 B	0.260	0.270	0.510	ND(0.120)
Nickel		17.0	20.0	24.0	75.0	19.0
Selenium		ND(1.10) J	ND(1.10) J	ND(1.00) J	ND(1.10)	ND(1.00)
Silver		ND(1.10)	ND(1.10)	ND(1.00)	ND(1.10)	0.380 B
Sulfide		16.0	39.0	42.0	66.0	24.0
Thallium		ND(2.20) J	ND(2.30) J	ND(1.70) J	ND(2.20)	ND(1.90)
Tin		5.40 B	20.0	45.0	530	ND(10.0)
Vanadium		11.0	13.0	12.0	9.90	6.20
Zinc		62.0 J	190 J	1200 J	760	48.0

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-A95 1-3 09/26/02	RAA13-A97 0-1 10/09/02	RAA13-A99 0-1 09/26/02	RAA13-B1 0-1 09/26/02	RAA13-B2 6-8 09/26/02
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
1,1,1-Trichloroethane	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
1,1,2,2-Tetrachloroethane	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) J [ND(0.0075)]
1,1,2-Trichloroethane	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
1,1-Dichloroethane	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
1,1-Dichloroethene	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
1,2,3-Trichloropropane	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) J [ND(0.0075)]
1,2-Dibromo-3-chloropropane	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) J [ND(0.0075)]
1,2-Dibromoethane	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
1,2-Dichloroethane	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
1,2-Dichloropropane	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
1,4-Dioxane	ND(0.11)	ND(0.14)	ND(0.10)	ND(0.10)	ND(0.14) [ND(0.15)]
2-Butanone	ND(0.011)	ND(0.014)	ND(0.010)	ND(0.010)	ND(0.014) [ND(0.015)]
2-Chloro-1,3-butadiene	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
2-Chloroethylvinylether	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
2-Hexanone	ND(0.011)	ND(0.014)	ND(0.010)	ND(0.010)	ND(0.014) [ND(0.015)]
3-Chloropropene	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
4-Methyl-2-pentanone	ND(0.011)	ND(0.014)	ND(0.010)	ND(0.010)	ND(0.014) [ND(0.015)]
Acetone	ND(0.022)	ND(0.028)	ND(0.021)	ND(0.021)	ND(0.028) [0.017 J]
Acetonitrile	ND(0.11)	ND(0.14)	ND(0.10)	ND(0.10)	ND(0.14) [ND(0.15)]
Acrolein	ND(0.11) J	ND(0.14) J	ND(0.10) J	ND(0.10) J	ND(0.14) J [ND(0.15) J]
Acrylonitrile	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
Benzene	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	0.011 [0.014]
Bromodichloromethane	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
Bromoform	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
Bromomethane	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
Carbon Disulfide	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
Carbon Tetrachloride	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
Chlorobenzene	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
Chloroethane	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
Chloroform	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
Chloromethane	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
cis-1,3-Dichloropropene	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
Dibromochloromethane	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
Dibromomethane	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
Dichlorodifluoromethane	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
Ethyl Methacrylate	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
Ethylbenzene	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
Iodomethane	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
Isobutanol	ND(0.11)	ND(0.14)	ND(0.10)	ND(0.10)	ND(0.14) [ND(0.15)]
Methacrylonitrile	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
Methyl Methacrylate	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
Methylene Chloride	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
Propionitrile	ND(0.011)	ND(0.014)	ND(0.010)	ND(0.010)	ND(0.014) [ND(0.015)]
Styrene	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
Tetrachloroethene	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
Toluene	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	0.0061 J [0.0080]
trans-1,2-Dichloroethene	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
trans-1,3-Dichloropropene	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
trans-1,4-Dichloro-2-butene	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) J [ND(0.0075)]
Trichloroethene	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
Trichlorofluoromethane	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
Vinyl Acetate	ND(0.0056)	ND(0.0070) J	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
Vinyl Chloride	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]
Xylenes (total)	ND(0.0056)	ND(0.0070)	ND(0.0052)	ND(0.0052)	ND(0.0070) [ND(0.0075)]

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-A95 1-3 09/26/02	RAA13-A97 0-1 10/09/02	RAA13-A99 0-1 09/26/02	RAA13-B1 0-1 09/26/02	RAA13-B2 6-8 09/26/02
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
1,2,4-Trichlorobenzene	0.89	0.97	ND(0.42)	ND(0.38)	NS
1,2-Dichlorobenzene	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
1,2-Diphenylhydrazine	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
1,3,5-Trinitrobenzene	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
1,3-Dichlorobenzene	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
1,3-Dinitrobenzene	ND(0.75)	ND(0.93)	ND(0.70)	ND(0.70)	NS
1,4-Dichlorobenzene	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
1,4-Naphthoquinone	ND(0.75)	ND(0.93)	ND(0.70)	ND(0.70)	NS
1-Naphthylamine	ND(0.75)	ND(0.93)	ND(0.70)	ND(0.70)	NS
2,3,4,6-Tetrachlorophenol	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
2,4,5-Trichlorophenol	ND(0.45) J	ND(0.60)	ND(0.42) J	ND(0.38) J	NS
2,4,6-Trichlorophenol	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
2,4-Dichlorophenol	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
2,4-Dimethylphenol	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
2,4-Dinitrophenol	ND(2.2)	ND(3.0)	ND(2.1)	ND(1.9)	NS
2,4-Dinitrotoluene	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
2,6-Dichlorophenol	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
2,6-Dinitrotoluene	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
2-Acetylaminofluorene	ND(0.75) J	ND(0.93)	ND(0.70) J	ND(0.70) J	NS
2-Chloronaphthalene	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
2-Chlorophenol	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
2-Methylnaphthalene	ND(0.45)	ND(0.60)	0.37 J	ND(0.38)	NS
2-Methylphenol	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
2-Naphthylamine	ND(0.75)	ND(0.93)	ND(0.70)	ND(0.70)	NS
2-Nitroaniline	ND(2.2)	ND(3.0)	ND(2.1)	ND(1.9)	NS
2-Nitrophenol	ND(0.75)	ND(0.93)	ND(0.70)	ND(0.70)	NS
2-Picoline	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
3&4-Methylphenol	ND(0.75)	ND(0.93)	ND(0.70)	ND(0.70)	NS
3,3'-Dichlorobenzidine	ND(0.90) J	ND(1.2)	ND(0.84) J	ND(0.77) J	NS
3,3'-Dimethylbenzidine	ND(0.45) J	ND(0.60)	ND(0.42) J	ND(0.38) J	NS
3-Methylcholanthrene	ND(0.75)	ND(0.93)	ND(0.70)	ND(0.70)	NS
3-Nitroaniline	ND(2.2)	ND(3.0)	ND(2.1)	ND(1.9)	NS
4,6-Dinitro-2-methylphenol	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
4-Aminobiphenyl	ND(0.75)	ND(0.93)	ND(0.70)	ND(0.70)	NS
4-Bromophenyl-phenylether	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
4-Chloro-3-Methylphenol	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
4-Chloroaniline	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
4-Chlorobenzilate	ND(0.75)	ND(0.93) J	ND(0.70)	ND(0.70)	NS
4-Chlorophenyl-phenylether	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
4-Nitroaniline	ND(1.9)	ND(2.4)	ND(1.8)	ND(1.8)	NS
4-Nitrophenol	ND(2.2)	ND(3.0) J	ND(2.1)	ND(1.9)	NS
4-Nitroquinoline-1-oxide	ND(0.75) J	ND(0.93)	ND(0.70) J	ND(0.70) J	NS
4-Phenylenediamine	ND(0.75) J	ND(0.93) J	ND(0.70) J	ND(0.70) J	NS
5-Nitro-o-toluidine	ND(0.75)	ND(0.93)	ND(0.70)	ND(0.70)	NS
7,12-Dimethylbenz(a)anthracene	ND(0.75)	ND(0.93)	ND(0.70)	ND(0.70)	NS
a,a'-Dimethylphenethylamine	ND(0.75)	ND(0.93)	ND(0.70)	ND(0.70)	NS
Acenaphthene	ND(0.45)	ND(0.60)	0.47	0.085 J	NS
Acenaphthylene	ND(0.45)	ND(0.60)	2.2	0.44	NS
Acetophenone	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
Aniline	36	1.6	0.97	0.095 J	NS
Anthracene	ND(0.45)	ND(0.60)	3.5	0.37 J	NS
Aramite	ND(0.75) J	ND(0.93)	ND(0.70) J	ND(0.70) J	NS
Benzidine	ND(0.90) J	ND(1.2)	ND(0.84) J	ND(0.77) J	NS
Benzo(a)anthracene	ND(0.45)	ND(0.60)	8.2	ND(0.38)	NS
Benzo(a)pyrene	0.094 J	ND(0.60)	4.8	0.95	NS
Benzo(b)fluoranthene	0.22 J	ND(0.60)	4.3	0.90	NS
Benzo(g,h,i)perylene	0.14 J	ND(0.60)	2.4	0.62	NS

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample/Location ID: Sample Depth(Feet): Parameter Date Collected:	RAA13-A95 1-3 09/26/02	RAA13-A97 0-1 10/09/02	RAA13-A99 0-1 09/26/02	RAA13-B1 0-1 09/26/02	RAA13-B2 6-8 09/26/02
Semivolatile Organics(continued)					
Benzo(k)fluoranthene	ND(0.45)	ND(0.60)	1.4	0.29 J	NS
Benzyl Alcohol	ND(0.90)	ND(1.2)	ND(0.84)	ND(0.77)	NS
bis(2-Chloroethoxy)methane	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
bis(2-Chloroethyl)ether	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
bis(2-Chloroisopropyl)ether	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
bis(2-Ethylhexyl)phthalate	ND(0.37)	ND(0.46)	ND(0.35)	ND(0.34)	NS
Butylbenzylphthalate	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
Chrysene	ND(0.45)	ND(0.60)	7.2	ND(0.38)	NS
Diallate	ND(0.75)	ND(0.93)	ND(0.70)	ND(0.70)	NS
Dibenzo(a,h)anthracene	ND(0.45)	ND(0.60)	0.67	0.17 J	NS
Dibenzofuran	ND(0.45)	ND(0.60)	0.19 J	ND(0.38)	NS
Diethylphthalate	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
Dimethylphthalate	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
Di-n-Butylphthalate	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
Di-n-Octylphthalate	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
Diphenylamine	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
Ethyl Methanesulfonate	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
Fluoranthene	0.22 J	0.24 J	14	1.9	NS
Fluorene	ND(0.45)	ND(0.60)	1.6	0.20 J	NS
Hexachlorobenzene	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
Hexachlorobutadiene	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
Hexachlorocyclopentadiene	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
Hexachloroethane	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
Hexachlorophene	ND(0.90) J	ND(1.2) J	ND(0.84) J	ND(0.77) J	NS
Hexachloropropene	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
Indeno(1,2,3-cd)pyrene	0.11 J	ND(0.60)	1.7	0.44	NS
Isodrin	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
Isophorone	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
Isosafrole	ND(0.75)	ND(0.93)	ND(0.70)	ND(0.70)	NS
Methapyrilene	ND(0.75)	ND(0.93)	ND(0.70)	ND(0.70)	NS
Methyl Methanesulfonate	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
Naphthalene	ND(0.45)	ND(0.60)	0.88	0.13 J	NS
Nitrobenzene	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
N-Nitrosodiethylamine	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
N-Nitrosodimethylamine	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
N-Nitroso-di-n-butylamine	ND(0.75)	ND(0.93)	ND(0.70)	ND(0.70)	NS
N-Nitroso-di-n-propylamine	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
N-Nitrosodiphenylamine	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
N-Nitrosomethylethylamine	ND(0.75)	ND(0.93)	ND(0.70)	ND(0.70)	NS
N-Nitrosomorpholine	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
N-Nitrosopiperidine	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
N-Nitrosopyrrolidine	ND(0.75)	ND(0.93)	ND(0.70)	ND(0.70)	NS
o,o,o-Triethylphosphorothioate	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
o-Toluidine	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
p-Dimethylaminoazobenzene	ND(0.75)	ND(0.93)	ND(0.70)	ND(0.70)	NS
Pentachlorobenzene	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
Pentachloroethane	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
Pentachloronitrobenzene	ND(0.75)	ND(0.93)	ND(0.70)	ND(0.70)	NS
Pentachlorophenol	ND(2.2)	ND(3.0)	ND(2.1)	ND(1.9)	NS
Phenacetin	ND(0.75)	ND(0.93)	ND(0.70)	ND(0.70)	NS
Phenanthrene	0.16 J	0.19 J	15	1.6	NS
Phenol	ND(0.45)	0.20 J	0.14 J	ND(0.38)	NS
Pronamide	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
Pyrene	0.22 J	0.31 J	23	2.8	NS
Pyridine	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
Safrole	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS
Thionazin	ND(0.45)	ND(0.60)	ND(0.42)	ND(0.38)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-A95 1-3 09/26/02	RAA13-A97 0-1 10/09/02	RAA13-A99 0-1 09/26/02	RAA13-B1 0-1 09/26/02	RAA13-B2 6-8 09/26/02
Furans					
2,3,7,8-TCDF	0.011 Y	0.011 YEIJ	0.000052 Y	0.000028 Y	NS
TCDFs (total)	0.074	0.094	0.00025 I	0.000097	NS
1,2,3,7,8-PeCDF	0.0056 J	0.0072	0.000030 Q	0.000016 J	NS
2,3,4,7,8-PeCDF	0.0090	0.013 EJ	0.000041	0.000016 J	NS
PeCDFs (total)	0.080 J	0.10 I	0.00038 Q	0.00014 Q	NS
1,2,3,4,7,8-HxCDF	0.023	0.023 EIJ	0.000059	0.000033	NS
1,2,3,6,7,8-HxCDF	0.013	0.014 EIJ	0.000036	0.000017 J	NS
1,2,3,7,8,9-HxCDF	0.0024	0.0033	0.0000093 J	0.0000041 J	NS
2,3,4,6,7,8-HxCDF	0.0051	0.0077	0.000021 J	0.0000087 J	NS
HxCDFs (total)	0.093	0.10 I	0.00030	0.00012	NS
1,2,3,4,6,7,8-HpCDF	0.019 J	0.022 EIJ	0.000054	0.000026	NS
1,2,3,4,7,8,9-HpCDF	0.0048	0.0050	0.000012 J	0.0000066 J	NS
HpCDFs (total)	0.032 J	0.037 I	0.000094	0.000044	NS
OCDF	0.022	0.023 EIJ	0.000046 J	0.000024 J	NS
Dioxins					
2,3,7,8-TCDD	0.000078	0.00012	ND(0.0000013) X	ND(0.00000099)	NS
TCDDs (total)	0.0016	0.0030 Q	0.0000055	ND(0.0000019)	NS
1,2,3,7,8-PeCDD	0.00026	0.00040	ND(0.0000011) X	ND(0.0000025)	NS
PeCDDs (total)	0.0023 Q	0.0048 Q	0.0000058 Q	0.0000013 Q	NS
1,2,3,4,7,8-HxCDD	0.00020	0.00033	0.0000014 J	ND(0.0000025)	NS
1,2,3,6,7,8-HxCDD	0.00039	0.00061	0.0000020 J	ND(0.0000025)	NS
1,2,3,7,8,9-HxCDD	0.00068	0.00051	ND(0.0000018) X	ND(0.00000089) X	NS
HxCDDs (total)	0.0058	0.0078	0.0000033	ND(0.0000036)	NS
1,2,3,4,6,7,8-HpCDD	0.0018	0.0034	0.000014 J	0.0000055 J	NS
HpCDDs (total)	0.0039	0.0072	0.000028	0.000011	NS
OCDD	0.0029	0.0059	0.000069	0.000021 J	NS
Total TEQs (WHO TEFs)	0.011	0.014	0.000042	0.000020	NS
Inorganics					
Antimony	ND(6.00)	8.60	1.10 B	ND(6.00)	NS
Arsenic	6.00	10 J	4.70	10.0	NS
Barium	200 J	280	53.0 J	130 J	NS
Beryllium	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)	NS
Cadmium	2.10	3.00	ND(0.500)	1.80	NS
Chromium	200	58.0	8.60	25.0	NS
Cobalt	9.80	12.0	17.0	9.80	NS
Copper	890	3800	59.0	740	NS
Cyanide	ND(0.220)	0.230	0.140 B	ND(0.210)	NS
Lead	630 J	1200	54.0 J	1000 J	NS
Mercury	3.40	1.60	0.0460 B	0.320	NS
Nickel	36.0	40.0	15.0	34.0	NS
Selenium	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	NS
Silver	1.50	ND(1.00) J	ND(1.00)	1.10	NS
Sulfide	120	29.0	25.0	25.0	NS
Thallium	ND(1.70) J	1.60 B	ND(1.60) J	ND(1.60) J	NS
Tin	57.0	66.0	ND(10.0)	98.0	NS
Vanadium	9.40	15.0	7.50	6.20	NS
Zinc	890	1100 J	100	760	NS

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample/Location ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA13-B2 6-10 09/26/02	RAA13-B78 0-1 10/24/02	RAA13-B78 1-3 10/24/02	RAA13-B78 3-6 10/24/02
Volatile Organics				
1,1,1,2-Tetrachloroethane	NS	ND(0.0089)	ND(0.0067)	NS
1,1,1-Trichloroethane	NS	ND(0.0089)	ND(0.0067)	NS
1,1,2,2-Tetrachloroethane	NS	ND(0.0089)	ND(0.0067)	NS
1,1,2-Trichloroethane	NS	ND(0.0089)	ND(0.0067)	NS
1,1-Dichloroethane	NS	ND(0.0089)	ND(0.0067)	NS
1,1-Dichloroethene	NS	ND(0.0089)	ND(0.0067)	NS
1,2,3-Trichloropropane	NS	ND(0.0089)	ND(0.0067)	NS
1,2-Dibromo-3-chloropropane	NS	ND(0.0089)	ND(0.0067)	NS
1,2-Dibromoethane	NS	ND(0.0089)	ND(0.0067)	NS
1,2-Dichloroethane	NS	ND(0.0089)	ND(0.0067)	NS
1,2-Dichloropropane	NS	ND(0.0089)	ND(0.0067)	NS
1,4-Dioxane	NS	ND(0.18)	ND(0.13)	NS
2-Butanone	NS	ND(0.018)	ND(0.013)	NS
2-Chloro-1,3-butadiene	NS	ND(0.0089)	ND(0.0067)	NS
2-Chloroethylvinylether	NS	ND(0.0089)	ND(0.0067)	NS
2-Hexanone	NS	ND(0.018)	ND(0.013)	NS
3-Chloropropene	NS	ND(0.0089)	ND(0.0067)	NS
4-Methyl-2-pentanone	NS	ND(0.018)	ND(0.013)	NS
Acetone	NS	0.042	ND(0.027)	NS
Acetonitrile	NS	ND(0.18)	ND(0.13)	NS
Acrolein	NS	ND(0.18) J	ND(0.13) J	NS
Acrylonitrile	NS	ND(0.0089)	ND(0.0067)	NS
Benzene	NS	ND(0.0089)	ND(0.0067)	NS
Bromodichloromethane	NS	ND(0.0089)	ND(0.0067)	NS
Bromoform	NS	ND(0.0089)	ND(0.0067)	NS
Bromomethane	NS	ND(0.0089)	ND(0.0067)	NS
Carbon Disulfide	NS	ND(0.0089)	ND(0.0067)	NS
Carbon Tetrachloride	NS	ND(0.0089)	ND(0.0067)	NS
Chlorobenzene	NS	ND(0.0089)	ND(0.0067)	NS
Chloroethane	NS	ND(0.0089)	ND(0.0067)	NS
Chloroform	NS	ND(0.0089)	ND(0.0067)	NS
Chloromethane	NS	ND(0.0089)	ND(0.0067)	NS
cis-1,3-Dichloropropene	NS	ND(0.0089)	ND(0.0067)	NS
Dibromochloromethane	NS	ND(0.0089)	ND(0.0067)	NS
Dibromomethane	NS	ND(0.0089)	ND(0.0067)	NS
Dichlorodifluoromethane	NS	ND(0.0089)	ND(0.0067)	NS
Ethyl Methacrylate	NS	ND(0.0089)	ND(0.0067)	NS
Ethylbenzene	NS	ND(0.0089)	ND(0.0067)	NS
Iodomethane	NS	ND(0.0089)	ND(0.0067)	NS
Isobutanol	NS	ND(0.18)	ND(0.13)	NS
Methacrylonitrile	NS	ND(0.0089)	ND(0.0067)	NS
Methyl Methacrylate	NS	ND(0.0089)	ND(0.0067)	NS
Methylene Chloride	NS	ND(0.0089)	ND(0.0067)	NS
Propionitrile	NS	ND(0.018) J	ND(0.013) J	NS
Styrene	NS	ND(0.0089)	ND(0.0067)	NS
Tetrachloroethene	NS	ND(0.0089)	ND(0.0067)	NS
Toluene	NS	ND(0.0089)	ND(0.0067)	NS
trans-1,2-Dichloroethene	NS	ND(0.0089)	ND(0.0067)	NS
trans-1,3-Dichloropropene	NS	ND(0.0089)	ND(0.0067)	NS
trans-1,4-Dichloro-2-butene	NS	ND(0.0089) J	ND(0.0067) J	NS
Trichloroethene	NS	ND(0.0089)	ND(0.0067)	NS
Trichlorofluoromethane	NS	ND(0.0089)	ND(0.0067)	NS
Vinyl Acetate	NS	ND(0.0089) J	ND(0.0067) J	NS
Vinyl Chloride	NS	ND(0.0089)	ND(0.0067)	NS
Xylenes (total)	NS	ND(0.0089)	ND(0.0067)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-B2 6-10 09/26/02	RAA13-B78 0-1 10/24/02	RAA13-B78 1-3 10/24/02	RAA13-B78 3-6 10/24/02
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
1,2,4-Trichlorobenzene	0.69 [1.0]	ND(0.71)	ND(0.49)	ND(0.43)
1,2-Dichlorobenzene	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
1,2-Diphenylhydrazine	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
1,3,5-Trinitrobenzene	ND(0.47) [ND(0.55)]	ND(0.71) J	ND(0.49) J	ND(0.43) J
1,3-Dichlorobenzene	ND(0.47) [0.18 J]	ND(0.71)	ND(0.49)	ND(0.43)
1,3-Dinitrobenzene	ND(0.94) [ND(1.0)]	ND(1.2)	ND(0.90)	ND(0.86)
1,4-Dichlorobenzene	0.26 J [0.62]	ND(0.71)	ND(0.49)	ND(0.43)
1,4-Naphthoquinone	ND(0.94) [ND(1.0)]	ND(1.2)	ND(0.90)	ND(0.86)
1-Naphthylamine	ND(0.94) [ND(1.0)]	ND(1.2)	ND(0.90)	ND(0.86)
2,3,4,6-Tetrachlorophenol	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
2,4,5-Trichlorophenol	ND(0.47) J [ND(0.55) J]	ND(0.71)	ND(0.49)	ND(0.43)
2,4,6-Trichlorophenol	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
2,4-Dichlorophenol	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
2,4-Dimethylphenol	0.55 [1.4]	ND(0.71)	ND(0.49)	ND(0.43)
2,4-Dinitrophenol	ND(2.4) [ND(2.8)]	ND(3.6)	ND(2.4)	ND(2.2)
2,4-Dinitrotoluene	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
2,6-Dichlorophenol	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
2,6-Dinitrotoluene	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
2-Acetylaminofluorene	ND(0.94) J [ND(1.0) J]	ND(1.2) J	ND(0.90) J	ND(0.86) J
2-Chloronaphthalene	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
2-Chlorophenol	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
2-Methylnaphthalene	0.22 J [0.47 J]	ND(0.71)	ND(0.49)	ND(0.43)
2-Methylphenol	0.36 J [0.93]	ND(0.71)	ND(0.49)	ND(0.43)
2-Naphthylamine	ND(0.94) [ND(1.0)]	ND(1.2)	ND(0.90)	ND(0.86)
2-Nitroaniline	ND(2.4) [ND(2.8)]	ND(3.6)	ND(2.4)	ND(2.2)
2-Nitrophenol	ND(0.94) [ND(1.0)]	ND(1.2)	ND(0.90)	ND(0.86)
2-Picoline	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
3&4-Methylphenol	0.87 J [2.3]	ND(1.2)	ND(0.90)	ND(0.86)
3,3'-Dichlorobenzidine	ND(0.94) J [ND(1.1) J]	ND(1.4)	ND(0.98)	ND(0.86)
3,3'-Dimethylbenzidine	ND(0.47) J [ND(0.55) J]	ND(0.71) J	ND(0.49) J	ND(0.43) J
3-Methylcholanthrene	ND(0.94) [ND(1.0)]	ND(1.2)	ND(0.90)	ND(0.86)
3-Nitroaniline	ND(2.4) [ND(2.8)]	ND(3.6)	ND(2.4)	ND(2.2)
4,6-Dinitro-2-methylphenol	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
4-Aminobiphenyl	ND(0.94) [ND(1.0)]	ND(1.2)	ND(0.90)	ND(0.86)
4-Bromophenyl-phenylether	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
4-Chloro-3-Methylphenol	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
4-Chloroaniline	0.16 J [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
4-Chlorobenzilate	ND(0.94) [ND(1.0)]	ND(1.2)	ND(0.90)	ND(0.86)
4-Chlorophenyl-phenylether	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
4-Nitroaniline	ND(2.4) [ND(2.6)]	ND(3.0)	ND(2.3)	ND(2.2)
4-Nitrophenol	ND(2.4) [ND(2.8)]	ND(3.6)	ND(2.4)	ND(2.2)
4-Nitroquinoline-1-oxide	ND(0.94) J [ND(1.0) J]	ND(1.2) J	ND(0.90) J	ND(0.86) J
4-Phenylenediamine	ND(0.94) J [ND(1.0) J]	ND(1.2) J	ND(0.90) J	ND(0.86) J
5-Nitro-o-toluidine	ND(0.94) [ND(1.0)]	ND(1.2)	ND(0.90)	ND(0.86)
7,12-Dimethylbenz(a)anthracene	ND(0.94) [ND(1.0)]	ND(1.2)	ND(0.90)	ND(0.86)
a,a'-Dimethylphenethylamine	ND(0.94) [ND(1.0)]	ND(1.2)	ND(0.90)	ND(0.86)
Acenaphthene	0.32 J [0.54 J]	ND(0.71)	ND(0.49)	ND(0.43)
Acenaphthylene	ND(0.47) [ND(0.55)]	ND(0.71)	0.12 J	ND(0.43)
Acetophenone	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
Aniline	3.1 [9.2]	ND(0.71)	0.12 J	ND(0.43)
Anthracene	0.63 [1.1]	ND(0.71)	ND(0.49)	ND(0.43)
Aramite	ND(0.94) J [ND(1.0) J]	ND(1.2) J	ND(0.90) J	ND(0.86) J
Benzidine	ND(0.94) J [ND(1.1) J]	ND(1.4) J	ND(0.98) J	ND(0.86) J
Benzo(a)anthracene	2.0 [3.0]	ND(0.71)	0.33 J	0.14 J
Benzo(a)pyrene	1.2 [1.6]	ND(0.71)	0.24 J	ND(0.43)
Benzo(b)fluoranthene	1.6 [2.3]	0.22 J	0.31 J	0.13 J
Benzo(g,h,i)perylene	0.70 [0.77]	ND(0.71)	0.21 J	0.092 J

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample/Location ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA13-B2 6-10 09/26/02	RAA13-B78 0-1 10/24/02	RAA13-B78 1-3 10/24/02	RAA13-B78 3-6 10/24/02
Semivolatile Organics(continued)				
Benzo(k)fluoranthene	0.57 [0.88]	ND(0.71)	ND(0.49)	ND(0.43)
Benzyl Alcohol	ND(0.94) [ND(1.1)]	ND(1.4)	ND(0.98)	ND(0.86)
bis(2-Chloroethoxy)methane	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
bis(2-Chloroethyl)ether	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
bis(2-Chloroisopropyl)ether	ND(0.47) [ND(0.55)]	ND(0.71) J	ND(0.49) J	ND(0.43) J
bis(2-Ethylhexyl)phthalate	ND(0.46) [ND(0.50)]	ND(0.59)	ND(0.44)	ND(0.42)
Butylbenzylphthalate	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
Chrysene	1.2 [2.0]	0.15 J	0.28 J	0.13 J
Diallate	ND(0.94) [ND(1.0)]	ND(1.2)	ND(0.90)	ND(0.86)
Dibenzo(a,h)anthracene	0.23 J [0.26 J]	ND(0.71)	ND(0.49)	ND(0.43)
Dibenzofuran	0.21 J [0.38 J]	ND(0.71)	ND(0.49)	ND(0.43)
Diethylphthalate	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
Dimethylphthalate	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
Di-n-Butylphthalate	0.47 J [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
Di-n-Octylphthalate	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
Diphenylamine	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
Ethyl Methanesulfonate	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
Fluoranthene	3.4 [6.2]	0.17 J	0.41 J	0.10 J
Fluorene	0.39 J [0.64]	ND(0.71)	ND(0.49)	ND(0.43)
Hexachlorobenzene	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
Hexachlorobutadiene	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
Hexachlorocyclopentadiene	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
Hexachloroethane	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
Hexachlorophene	ND(0.94) J [ND(1.1) J]	ND(1.4) J	ND(0.98) J	ND(0.86) J
Hexachloropropene	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
Indeno(1,2,3-cd)pyrene	0.59 [0.69]	ND(0.71)	0.14 J	ND(0.43)
Isodrin	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
Isophorone	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
Isosafrole	ND(0.94) [ND(1.0)]	ND(1.2)	ND(0.90)	ND(0.86)
Methapyrilene	ND(0.94) [ND(1.0)]	ND(1.2) J	ND(0.90) J	ND(0.86) J
Methyl Methanesulfonate	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
Naphthalene	0.41 J [0.96]	ND(0.71)	ND(0.49)	ND(0.43)
Nitrobenzene	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
N-Nitrosodiethylamine	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
N-Nitrosodimethylamine	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
N-Nitroso-di-n-butylamine	ND(0.94) [ND(1.0)]	ND(1.2)	ND(0.90)	ND(0.86)
N-Nitroso-di-n-propylamine	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
N-Nitrosodiphenylamine	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
N-Nitrosomethylethylamine	ND(0.94) [ND(1.0)]	ND(1.2)	ND(0.90)	ND(0.86)
N-Nitrosomorpholine	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
N-Nitrosopiperidine	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
N-Nitrosopyrrolidine	ND(0.94) [ND(1.0)]	ND(1.2)	ND(0.90)	ND(0.86)
o,o,o-Triethylphosphorothioate	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
o-Toluidine	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
p-Dimethylaminoazobenzene	ND(0.94) [ND(1.0)]	ND(1.2)	ND(0.90)	ND(0.86)
Pentachlorobenzene	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
Pentachloroethane	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
Pentachloronitrobenzene	ND(0.94) [ND(1.0)]	ND(1.2)	ND(0.90)	ND(0.86)
Pentachlorophenol	ND(2.4) [ND(2.8)]	ND(3.6)	ND(2.4)	ND(2.2)
Phenacetin	ND(0.94) [ND(1.0)]	ND(1.2)	ND(0.90)	ND(0.86)
Phenanthrene	2.1 [4.0]	ND(0.71)	0.33 J	ND(0.43)
Phenol	0.65 [1.6]	ND(0.71)	ND(0.49)	ND(0.43)
Pronamide	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	0.45
Pyrene	2.9 [5.3]	0.26 J	0.50	0.20 J
Pyridine	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
Safrole	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)
Thionazin	ND(0.47) [ND(0.55)]	ND(0.71)	ND(0.49)	ND(0.43)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample/Location ID: RAA13-B2 Sample Depth(Feet): 6-10 Date Collected: 09/26/02	RAA13-B78 0-1 10/24/02	RAA13-B78 1-3 10/24/02	RAA13-B78 3-6 10/24/02
Furans				
2,3,7,8-TCDF	0.0047 YEJ [0.0063 YEJ]	0.000031 Y	0.000094 Y	0.0000073 Y
TCDFs (total)	0.039 Q [0.052 I]	0.00021	0.00064	0.000047
1,2,3,7,8-PeCDF	0.0046 [0.0070 I]	0.000035	0.000090	0.0000043 J
2,3,4,7,8-PeCDF	0.0040 [0.0068 I]	0.000039	0.000095	0.0000046 J
PeCDFs (total)	0.034 IQ [0.056 IQ]	0.00035	0.00077	0.000038
1,2,3,4,7,8-HxCDF	0.010 EIJ [0.016 EIJ]	0.000088	0.00020	0.0000077
1,2,3,6,7,8-HxCDF	0.0056 I [0.0077 I]	0.000062	0.00011	0.0000039 J
1,2,3,7,8,9-HxCDF	0.0010 Q [0.0013]	0.0000081	0.000027	0.0000014 J
2,3,4,6,7,8-HxCDF	0.0022 [0.0030]	0.000016	0.000047	0.0000022 J
HxCDFs (total)	0.039 I [0.058 I]	0.00037	0.00077	0.000029
1,2,3,4,6,7,8-HpCDF	0.0085 [0.011 EJ]	0.000078	0.00018	0.0000067
1,2,3,4,7,8,9-HpCDF	0.0026 [0.0027]	0.000015	0.000046	0.0000018 J
HpCDFs (total)	0.014 [0.017]	0.00014	0.00031	0.000011
OCDF	0.0070 [0.011]	0.00010	0.00024	0.0000067 J
Dioxins				
2,3,7,8-TCDD	0.000026 [0.000031]	ND(0.00000041) X	ND(0.00000080) X	ND(0.00000027) X
TCDDs (total)	0.0011 Q [0.0011]	0.0000019	0.000017	0.0000024
1,2,3,7,8-PeCDD	0.000046 [0.00011]	ND(0.00000086) X	ND(0.0000022) X	0.00000030 J
PeCDDs (total)	0.00094 Q [0.0013 Q]	0.0000051	0.000022	0.0000033
1,2,3,4,7,8-HxCDD	0.000079 [0.000094]	0.00000080 J	0.0000016 J	ND(0.00000025) X
1,2,3,6,7,8-HxCDD	0.00015 [0.00018]	0.0000033 J	0.0000056	0.00000054 J
1,2,3,7,8,9-HxCDD	0.00012 [0.00013]	ND(0.0000015) X	0.0000028 J	ND(0.00000036) X
HxCDDs (total)	0.0021 [0.0023]	0.000021	0.000048	0.0000056
1,2,3,4,6,7,8-HpCDD	0.00077 [0.00090]	0.000055	0.000067	0.0000021 J
HpCDDs (total)	0.0015 [0.0018]	0.00010	0.00012	0.0000037
OCDD	0.0012 [0.0014]	0.00075	0.00078	ND(0.0000091)
Total TEQs (WHO TEFs)	0.0048 [0.0075]	0.000044	0.00011	0.0000054
Inorganics				
Antimony	22.0 [18.0]	1.60 B	ND(6.00)	ND(6.00)
Arsenic	26.0 [22.0]	4.50	3.60	3.50
Barium	1200 J [980 J]	57.0	45.0	47.0
Beryllium	ND(0.500) [ND(0.500)]	ND(0.500)	0.860	ND(0.500)
Cadmium	15.0 [14.0]	0.930	1.10	0.500
Chromium	94.0 [86.0]	25.0	17.0	14.0
Cobalt	10.0 [10.0]	12.0	7.90	8.60
Copper	2500 [2100]	36.0	50.0	20.0
Cyanide	0.230 [0.720]	0.190	0.160	0.100 B
Lead	4500 J [3400 J]	49.0	92.0	26.0
Mercury	2.30 [2.40]	0.310	0.200	0.160
Nickel	110 [92.0]	20.0	13.0	14.0
Selenium	ND(1.00) [ND(1.10)]	ND(1.30) J	ND(0.660) J	ND(1.00) J
Silver	6.40 [5.60]	ND(1.30)	0.620 B	ND(1.00)
Sulfide	880 [470]	ND(8.90)	28.0	29.0
Thallium	ND(1.10) J [ND(2.30) J]	ND(2.70) J	ND(2.00) J	ND(1.90) J
Tin	270 [240]	14.0	13.0	ND(10.0)
Vanadium	14.0 [14.0]	19.0	12.0	12.0
Zinc	4400 [4100]	130 J	140 J	68.0 J

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-B78 4-6 10/24/02	RAA13-B79 0-1 10/24/02	RAA13-B79 1-3 10/24/02	RAA13-B79 6-10 10/24/02	RAA13-B79 8-10 10/24/02
Volatile Organics						
1,1,1,2-Tetrachloroethane		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
1,1,1-Trichloroethane		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
1,1,2,2-Tetrachloroethane		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
1,1,2-Trichloroethane		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
1,1-Dichloroethane		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
1,1-Dichloroethene		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
1,2,3-Trichloropropane		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
1,2-Dibromo-3-chloropropane		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
1,2-Dibromoethane		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
1,2-Dichloroethane		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
1,2-Dichloropropane		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
1,4-Dioxane		ND(0.13)	ND(0.15)	ND(0.14)	NS	ND(0.14)
2-Butanone		ND(0.013)	ND(0.015)	ND(0.014)	NS	ND(0.014)
2-Chloro-1,3-butadiene		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
2-Chloroethylvinylether		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
2-Hexanone		ND(0.013)	ND(0.015)	ND(0.014)	NS	ND(0.014)
3-Chloropropene		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
4-Methyl-2-pentanone		ND(0.013)	ND(0.015)	ND(0.014)	NS	ND(0.014)
Acetone		ND(0.026)	0.023 J	ND(0.027)	NS	ND(0.028)
Acetonitrile		ND(0.13)	ND(0.15)	ND(0.14)	NS	ND(0.14)
Acrolein		ND(0.13) J	ND(0.15) J	ND(0.14) J	NS	ND(0.14) J
Acrylonitrile		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
Benzene		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
Bromodichloromethane		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
Bromoform		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
Bromomethane		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
Carbon Disulfide		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
Carbon Tetrachloride		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
Chlorobenzene		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
Chloroethane		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
Chloroform		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
Chloromethane		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
cis-1,3-Dichloropropene		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
Dibromochloromethane		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
Dibromomethane		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
Dichlorodifluoromethane		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
Ethyl Methacrylate		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
Ethylbenzene		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
Iodomethane		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
Isobutanol		ND(0.13)	ND(0.15)	ND(0.14)	NS	ND(0.14)
Methacrylonitrile		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
Methyl Methacrylate		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
Methylene Chloride		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
Propionitrile		ND(0.013) J	ND(0.015) J	ND(0.014) J	NS	ND(0.014) J
Styrene		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
Tetrachloroethene		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
Toluene		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
trans-1,2-Dichloroethene		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
trans-1,3-Dichloropropene		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
trans-1,4-Dichloro-2-butene		ND(0.0064) J	ND(0.0077) J	ND(0.0068) J	NS	ND(0.0070) J
Trichloroethene		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
Trichlorofluoromethane		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
Vinyl Acetate		ND(0.0064) J	ND(0.0077) J	ND(0.0068) J	NS	ND(0.0070) J
Vinyl Chloride		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)
Xylenes (total)		ND(0.0064)	ND(0.0077)	ND(0.0068)	NS	ND(0.0070)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-B78 4-6 10/24/02	RAA13-B79 0-1 10/24/02	RAA13-B79 1-3 10/24/02	RAA13-B79 6-10 10/24/02	RAA13-B79 8-10 10/24/02
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
1,2,4-Trichlorobenzene	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
1,2-Dichlorobenzene	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
1,2-Diphenylhydrazine	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
1,3,5-Trinitrobenzene	NS	ND(0.77) J	ND(0.45) J	ND(0.47) J	NS
1,3-Dichlorobenzene	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
1,3-Dinitrobenzene	NS	ND(1.0)	ND(0.91)	ND(0.94)	NS
1,4-Dichlorobenzene	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
1,4-Naphthoquinone	NS	ND(1.0)	ND(0.91)	ND(0.94)	NS
1-Naphthylamine	NS	ND(1.0)	ND(0.91)	ND(0.94)	NS
2,3,4,6-Tetrachlorophenol	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
2,4,5-Trichlorophenol	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
2,4,6-Trichlorophenol	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
2,4-Dichlorophenol	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
2,4-Dimethylphenol	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
2,4-Dinitrophenol	NS	ND(3.8)	ND(2.3)	ND(2.4)	NS
2,4-Dinitrotoluene	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
2,6-Dichlorophenol	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
2,6-Dinitrotoluene	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
2-Acetylaminofluorene	NS	ND(1.0) J	ND(0.91) J	ND(0.94) J	NS
2-Chloronaphthalene	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
2-Chlorophenol	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
2-Methylnaphthalene	NS	ND(0.77)	0.51	ND(0.47)	NS
2-Methylphenol	NS	ND(0.77)	0.096 J	ND(0.47)	NS
2-Naphthylamine	NS	ND(1.0)	ND(0.91)	ND(0.94)	NS
2-Nitroaniline	NS	ND(3.8)	ND(2.3)	ND(2.4)	NS
2-Nitrophenol	NS	ND(1.0)	ND(0.91)	ND(0.94)	NS
2-Picoline	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
3&4-Methylphenol	NS	ND(1.0)	0.24 J	ND(0.94)	NS
3,3'-Dichlorobenzidine	NS	ND(1.5)	ND(0.91)	ND(0.94)	NS
3,3'-Dimethylbenzidine	NS	ND(0.77) J	ND(0.45) J	ND(0.47) J	NS
3-Methylcholanthrene	NS	ND(1.0)	ND(0.91)	ND(0.94)	NS
3-Nitroaniline	NS	ND(3.8)	ND(2.3)	ND(2.4)	NS
4,6-Dinitro-2-methylphenol	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
4-Aminobiphenyl	NS	ND(1.0)	ND(0.91)	ND(0.94)	NS
4-Bromophenyl-phenylether	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
4-Chloro-3-Methylphenol	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
4-Chloroaniline	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
4-Chlorobenzilate	NS	ND(1.0)	ND(0.91)	ND(0.94)	NS
4-Chlorophenyl-phenylether	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
4-Nitroaniline	NS	ND(2.6)	ND(2.3)	ND(2.4)	NS
4-Nitrophenol	NS	ND(3.8)	ND(2.3)	ND(2.4)	NS
4-Nitroquinoline-1-oxide	NS	ND(1.0) J	ND(0.91) J	ND(0.94) J	NS
4-Phenylenediamine	NS	ND(1.0) J	ND(0.91) J	ND(0.94) J	NS
5-Nitro-o-toluidine	NS	ND(1.0)	ND(0.91)	ND(0.94)	NS
7,12-Dimethylbenz(a)anthracene	NS	ND(1.0)	ND(0.91)	ND(0.94)	NS
a,a'-Dimethylphenethylamine	NS	ND(1.0)	ND(0.91)	ND(0.94)	NS
Acenaphthene	NS	ND(0.77)	0.17 J	ND(0.47)	NS
Acenaphthylene	NS	ND(0.77)	1.4	ND(0.47)	NS
Acetophenone	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
Aniline	NS	0.25 J	4.0	ND(0.47)	NS
Anthracene	NS	ND(0.77)	0.83	ND(0.47)	NS
Aramite	NS	ND(1.0) J	ND(0.91) J	ND(0.94) J	NS
Benzidine	NS	ND(1.5) J	ND(0.91) J	ND(0.94) J	NS
Benzo(a)anthracene	NS	0.23 J	2.0	ND(0.47)	NS
Benzo(a)pyrene	NS	0.16 J	2.2	ND(0.47)	NS
Benzo(b)fluoranthene	NS	0.23 J	2.4	ND(0.47)	NS
Benzo(g,h,i)perylene	NS	ND(0.77)	2.0	ND(0.47)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample/Location ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA13-B78 4-6 10/24/02	RAA13-B79 0-1 10/24/02	RAA13-B79 1-3 10/24/02	RAA13-B79 6-10 10/24/02	RAA13-B79 8-10 10/24/02
Semivolatile Organics(continued)					
Benzo(k)fluoranthene	NS	ND(0.77)	0.90	ND(0.47)	NS
Benzyl Alcohol	NS	ND(1.5)	ND(0.91)	ND(0.94)	NS
bis(2-Chloroethoxy)methane	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
bis(2-Chloroethyl)ether	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
bis(2-Chloroisopropyl)ether	NS	ND(0.77) J	ND(0.45) J	ND(0.47) J	NS
bis(2-Ethylhexyl)phthalate	NS	ND(0.51)	ND(0.45)	ND(0.46)	NS
Butylbenzylphthalate	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
Chrysene	NS	0.22 J	1.8	ND(0.47)	NS
Dialiate	NS	ND(1.0)	ND(0.91)	ND(0.94)	NS
Dibenzo(a,h)anthracene	NS	ND(0.77)	0.49	ND(0.47)	NS
Dibenzofuran	NS	ND(0.77)	0.097 J	ND(0.47)	NS
Diethylphthalate	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
Dimethylphthalate	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
Di-n-Butylphthalate	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
Di-n-Octylphthalate	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
Diphenylamine	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
Ethyl Methanesulfonate	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
Fluoranthene	NS	0.41 J	2.5	ND(0.47)	NS
Fluorene	NS	ND(0.77)	0.29 J	ND(0.47)	NS
Hexachlorobenzene	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
Hexachlorobutadiene	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
Hexachlorocyclopentadiene	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
Hexachloroethane	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
Hexachlorophene	NS	ND(1.5) J	ND(0.91) J	ND(0.94) J	NS
Hexachloropropene	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
Indeno(1,2,3-cd)pyrene	NS	ND(0.77)	1.6	ND(0.47)	NS
Isodrin	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
Isophorone	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
Isosafrole	NS	ND(1.0)	ND(0.91)	ND(0.94)	NS
Methapyrilene	NS	ND(1.0) J	ND(0.91) J	ND(0.94) J	NS
Methyl Methanesulfonate	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
Naphthalene	NS	ND(0.77)	0.83	ND(0.47)	NS
Nitrobenzene	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
N-Nitrosodiethylamine	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
N-Nitrosodimethylamine	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
N-Nitroso-di-n-butylamine	NS	ND(1.0)	ND(0.91)	ND(0.94)	NS
N-Nitroso-di-n-propylamine	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
N-Nitrosodiphenylamine	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
N-Nitrosomethylethylamine	NS	ND(1.0)	ND(0.91)	ND(0.94)	NS
N-Nitrosomorpholine	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
N-Nitrosopiperidine	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
N-Nitrosopyrrolidine	NS	ND(1.0)	ND(0.91)	ND(0.94)	NS
o,o,o-Triethylphosphorothioate	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
o-Toluidine	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
p-Dimethylaminoazobenzene	NS	ND(1.0)	ND(0.91)	ND(0.94)	NS
Pentachlorobenzene	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
Pentachloroethane	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
Pentachloronitrobenzene	NS	ND(1.0)	ND(0.91)	ND(0.94)	NS
Pentachlorophenol	NS	ND(3.8)	ND(2.3)	ND(2.4)	NS
Phenacetin	NS	ND(1.0)	ND(0.91)	ND(0.94)	NS
Phenanthrene	NS	0.28 J	1.9	ND(0.47)	NS
Phenol	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
Pronamide	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
Pyrene	NS	0.58 J	2.8	ND(0.47)	NS
Pyridine	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
Safrole	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS
Thionazin	NS	ND(0.77)	ND(0.45)	ND(0.47)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-B78 4-6 10/24/02	RAA13-B79 0-1 10/24/02	RAA13-B79 1-3 10/24/02	RAA13-B79 6-10 10/24/02	RAA13-B79 8-10 10/24/02
Furans						
2,3,7,8-TCDF		NS	0.000035 Y	0.000064 Y	0.0000011 J	NS
TCDFs (total)		NS	0.00033	0.00062	0.0000011	NS
1,2,3,7,8-PeCDF		NS	0.000015	0.000051	0.00000030 J	NS
2,3,4,7,8-PeCDF		NS	0.000022	0.000061	ND(0.00000020) X	NS
PeCDFs (total)		NS	0.00026	0.00056	0.00000030	NS
1,2,3,4,7,8-HxCDF		NS	0.000027	0.00011	ND(0.00000053)	NS
1,2,3,6,7,8-HxCDF		NS	0.000016	0.000059	ND(0.00000053)	NS
1,2,3,7,8,9-HxCDF		NS	0.0000038 J	0.000016	ND(0.00000053)	NS
2,3,4,6,7,8-HxCDF		NS	0.000018	0.000043	ND(0.00000053)	NS
HxCDFs (total)		NS	0.00028	0.00052	ND(0.00000053)	NS
1,2,3,4,6,7,8-HpCDF		NS	0.000042	0.00014	0.00000048 J	NS
1,2,3,4,7,8,9-HpCDF		NS	0.0000074	0.000024	ND(0.00000053)	NS
HpCDFs (total)		NS	0.000099	0.00022	ND(0.00000048)	NS
OCDF		NS	0.000038	0.00015	ND(0.0000011)	NS
Dioxins						
2,3,7,8-TCDD		NS	ND(0.00000059) X	ND(0.0000013) X	ND(0.00000028)	NS
TCDDs (total)		NS	0.0000079	0.000044	ND(0.00000060)	NS
1,2,3,7,8-PeCDD		NS	0.0000012 J	0.0000035 J	ND(0.00000053)	NS
PeCDDs (total)		NS	0.000011	0.000055	ND(0.00000079)	NS
1,2,3,4,7,8-HxCDD		NS	ND(0.0000011) X	0.0000030 J	ND(0.00000068)	NS
1,2,3,6,7,8-HxCDD		NS	0.0000021 J	0.0000076	ND(0.00000053)	NS
1,2,3,7,8,9-HxCDD		NS	0.0000017 J	0.0000052 J	ND(0.00000059)	NS
HxCDDs (total)		NS	0.000024	0.000094	ND(0.0000012)	NS
1,2,3,4,6,7,8-HpCDD		NS	0.000018	0.000064	ND(0.00000047)	NS
HpCDDs (total)		NS	0.000036	0.00012	ND(0.00000047)	NS
OCDD		NS	0.00010	0.00060	ND(0.0000020)	NS
Total TEQs (WHO TEFs)		NS	0.000024	0.000070	0.00000079	NS
Inorganics						
Antimony		NS	ND(6.00)	ND(6.00)	ND(6.00)	NS
Arsenic		NS	5.80	9.10	4.20	NS
Barium		NS	62.0	130	54.0	NS
Beryllium		NS	ND(0.500)	ND(0.500)	ND(0.500)	NS
Cadmium		NS	0.970	3.20	0.540	NS
Chromium		NS	15.0	36.0	18.0	NS
Cobalt		NS	11.0	8.90	9.80	NS
Copper		NS	36.0	470	17.0	NS
Cyanide		NS	0.260	1.10	ND(0.140)	NS
Lead		NS	66.0	1000	15.0	NS
Mercury		NS	0.220	0.480	0.150	NS
Nickel		NS	21.0	24.0	15.0	NS
Selenium		NS	ND(1.20) J	ND(0.710) J	ND(1.00) J	NS
Silver		NS	ND(1.20)	ND(1.00)	ND(1.00)	NS
Sulfide		NS	15.0	37.0	22.0	NS
Thallium		NS	ND(2.30) J	ND(2.00) J	ND(2.10) J	NS
Tin		NS	ND(12.0)	89.0	ND(10.0)	NS
Vanadium		NS	18.0	14.0	16.0	NS
Zinc		NS	230 J	750 J	70.0 J	NS

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample/Location ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA13-B84 0-1 10/25/02	RAA13-B84 1-3 10/25/02	RAA13-B84 6-10 10/25/02
Volatile Organics			
1,1,1,2-Tetrachloroethane	ND(0.0074)	ND(0.0071) J	NS
1,1,1-Trichloroethane	ND(0.0074)	ND(0.0071) J	NS
1,1,2,2-Tetrachloroethane	ND(0.0074)	ND(0.0071) J	NS
1,1,2-Trichloroethane	ND(0.0074)	ND(0.0071) J	NS
1,1-Dichloroethane	ND(0.0074)	ND(0.0071) J	NS
1,1-Dichloroethene	ND(0.0074)	ND(0.0071) J	NS
1,2,3-Trichloropropane	ND(0.0074)	ND(0.0071) J	NS
1,2-Dibromo-3-chloropropane	ND(0.0074)	ND(0.0071) J	NS
1,2-Dibromoethane	ND(0.0074)	ND(0.0071) J	NS
1,2-Dichloroethane	ND(0.0074)	ND(0.0071) J	NS
1,2-Dichloropropane	ND(0.0074)	ND(0.0071) J	NS
1,4-Dioxane	ND(0.15) J	ND(0.14) J	NS
2-Butanone	ND(0.015)	ND(0.014) J	NS
2-Chloro-1,3-butadiene	ND(0.0074)	ND(0.0071) J	NS
2-Chloroethylvinylether	ND(0.0074)	ND(0.0071) J	NS
2-Hexanone	ND(0.015)	ND(0.014) J	NS
3-Chloropropene	ND(0.0074)	ND(0.0071) J	NS
4-Methyl-2-pentanone	ND(0.015)	ND(0.014) J	NS
Acetone	0.020 J	ND(0.028) J	NS
Acetonitrile	ND(0.15)	ND(0.14) J	NS
Acrolein	ND(0.15) J	ND(0.14) J	NS
Acrylonitrile	ND(0.0074)	ND(0.0071) J	NS
Benzene	ND(0.0074)	ND(0.0071) J	NS
Bromodichloromethane	ND(0.0074)	ND(0.0071) J	NS
Bromoform	ND(0.0074)	ND(0.0071) J	NS
Bromomethane	ND(0.0074) J	ND(0.0071) J	NS
Carbon Disulfide	ND(0.0074)	ND(0.0071) J	NS
Carbon Tetrachloride	ND(0.0074)	ND(0.0071) J	NS
Chlorobenzene	ND(0.0074)	ND(0.0071) J	NS
Chloroethane	ND(0.0074)	ND(0.0071) J	NS
Chloroform	ND(0.0074)	ND(0.0071) J	NS
Chloromethane	ND(0.0074)	ND(0.0071) J	NS
cis-1,3-Dichloropropene	ND(0.0074)	ND(0.0071) J	NS
Dibromochloromethane	ND(0.0074)	ND(0.0071) J	NS
Dibromomethane	ND(0.0074)	ND(0.0071) J	NS
Dichlorodifluoromethane	ND(0.0074)	ND(0.0071) J	NS
Ethyl Methacrylate	ND(0.0074)	ND(0.0071) J	NS
Ethylbenzene	ND(0.0074)	ND(0.0071) J	NS
Iodomethane	ND(0.0074)	ND(0.0071) J	NS
Isobutanol	ND(0.15)	ND(0.14) J	NS
Methacrylonitrile	ND(0.0074)	ND(0.0071) J	NS
Methyl Methacrylate	ND(0.0074)	ND(0.0071) J	NS
Methylene Chloride	ND(0.0074)	ND(0.0071) J	NS
Propionitrile	ND(0.015)	ND(0.014) J	NS
Styrene	ND(0.0074)	ND(0.0071) J	NS
Tetrachloroethene	ND(0.0074)	ND(0.0071) J	NS
Toluene	ND(0.0074)	ND(0.0071) J	NS
trans-1,2-Dichloroethene	ND(0.0074)	ND(0.0071) J	NS
trans-1,3-Dichloropropene	ND(0.0074)	ND(0.0071) J	NS
trans-1,4-Dichloro-2-butene	ND(0.0074)	ND(0.0071) J	NS
Trichloroethene	ND(0.0074)	ND(0.0071) J	NS
Trichlorofluoromethane	ND(0.0074)	ND(0.0071) J	NS
Vinyl Acetate	ND(0.0074)	ND(0.0071) J	NS
Vinyl Chloride	ND(0.0074)	ND(0.0071) J	NS
Xylenes (total)	ND(0.0074)	ND(0.0071) J	NS

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-B84 0-1 10/25/02	RAA13-B84 1-3 10/25/02	RAA13-B84 6-10 10/25/02
Semivolatile Organics			
1,2,4,5-Tetrachlorobenzene	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
1,2,4-Trichlorobenzene	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
1,2-Dichlorobenzene	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
1,2-Diphenylhydrazine	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
1,3,5-Trinitrobenzene	ND(0.49) J	ND(0.47) J	ND(0.47) J [ND(0.49) J]
1,3-Dichlorobenzene	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
1,3-Dinitrobenzene	ND(0.99)	ND(0.95)	ND(0.94) [ND(0.99)]
1,4-Dichlorobenzene	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
1,4-Naphthoquinone	ND(0.99)	ND(0.95)	ND(0.94) [ND(0.99)]
1-Naphthylamine	ND(0.99)	ND(0.95)	ND(0.94) [ND(0.99)]
2,3,4,6-Tetrachlorophenol	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
2,4,5-Trichlorophenol	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
2,4,6-Trichlorophenol	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
2,4-Dichlorophenol	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
2,4-Dimethylphenol	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
2,4-Dinitrophenol	ND(2.5)	ND(2.4)	ND(2.4) [ND(2.5)]
2,4-Dinitrotoluene	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
2,6-Dichlorophenol	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
2,6-Dinitrotoluene	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
2-Acetylaminofluorene	ND(0.99)	ND(0.95)	ND(0.94) [ND(0.99)]
2-Chloronaphthalene	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
2-Chlorophenol	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
2-Methylnaphthalene	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
2-Methylphenol	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
2-Naphthylamine	ND(0.99)	ND(0.95)	ND(0.94) [ND(0.99)]
2-Nitroaniline	ND(2.5)	ND(2.4)	ND(2.4) [ND(2.5)]
2-Nitrophenol	ND(0.99)	ND(0.95)	ND(0.94) [ND(0.99)]
2-Picoline	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
3&4-Methylphenol	ND(0.99)	ND(0.95)	ND(0.94) [ND(0.99)]
3,3'-Dichlorobenzidine	ND(0.99)	ND(0.95)	ND(0.94) [ND(0.99)]
3,3'-Dimethylbenzidine	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
3-Methylcholanthrene	ND(0.99) J	ND(0.95) J	ND(0.94) J [ND(0.99) J]
3-Nitroaniline	ND(2.5)	ND(2.4)	ND(2.4) [ND(2.5)]
4,6-Dinitro-2-methylphenol	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
4-Aminobiphenyl	ND(0.99)	ND(0.95)	ND(0.94) [ND(0.99)]
4-Bromophenyl-phenylether	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
4-Chloro-3-Methylphenol	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
4-Chloroaniline	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
4-Chlorobenzilate	ND(0.99)	ND(0.95)	ND(0.94) [ND(0.99)]
4-Chlorophenyl-phenylether	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
4-Nitroaniline	ND(2.5)	ND(2.4)	ND(2.4) [ND(2.5)]
4-Nitrophenol	ND(2.5)	ND(2.4)	ND(2.4) [ND(2.5)]
4-Nitroquinoline-1-oxide	ND(0.99) J	ND(0.95) J	ND(0.94) J [ND(0.99) J]
4-Phenylenediamine	ND(0.99) J	ND(0.95) J	ND(0.94) J [ND(0.99) J]
5-Nitro-o-toluidine	ND(0.99)	ND(0.95)	ND(0.94) [ND(0.99)]
7,12-Dimethylbenz(a)anthracene	ND(0.99)	ND(0.95)	ND(0.94) [ND(0.99)]
a,a'-Dimethylphenethylamine	ND(0.99)	ND(0.95)	ND(0.94) [ND(0.99)]
Acenaphthene	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Acenaphthylene	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Acetophenone	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Aniline	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Anthracene	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Aramite	ND(0.99)	ND(0.95)	ND(0.94) [ND(0.99)]
Benzidine	ND(0.99) J	ND(0.95) J	ND(0.94) J [ND(0.99) J]
Benzo(a)anthracene	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Benzo(a)pyrene	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Benzo(b)fluoranthene	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Benzo(g,h,i)perylene	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample/Location ID: RAA13-B84 Sample Depth(Feet): 0-1 Date Collected: 10/25/02	RAA13-B84 1-3 10/25/02	RAA13-B84 6-10 10/25/02
Semivolatile Organics(continued)			
Benzo(k)fluoranthene	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Benzyl Alcohol	ND(0.99)	ND(0.95)	ND(0.94) [ND(0.99)]
bis(2-Chloroethoxy)methane	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
bis(2-Chloroethyl)ether	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
bis(2-Chloroisopropyl)ether	ND(0.49) J	ND(0.47) J	ND(0.47) J [ND(0.49) J]
bis(2-Ethylhexyl)phthalate	ND(0.49)	ND(0.47)	ND(0.46) [ND(0.49)]
Butylbenzylphthalate	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Chrysene	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Diallate	ND(0.99)	ND(0.95)	ND(0.94) [ND(0.99)]
Dibenzo(a,h)anthracene	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Dibenzofuran	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Diethylphthalate	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Dimethylphthalate	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Di-n-Butylphthalate	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Di-n-Octylphthalate	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Diphenylamine	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Ethyl Methanesulfonate	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Fluoranthene	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Fluorene	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Hexachlorobenzene	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Hexachlorobutadiene	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Hexachlorocyclopentadiene	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Hexachloroethane	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Hexachlorophene	ND(0.99) J	ND(0.95) J	ND(0.94) J [ND(0.99) J]
Hexachloropropene	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Indeno(1,2,3-cd)pyrene	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Isodrin	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Isophorone	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Isosafrole	ND(0.99)	ND(0.95)	ND(0.94) [ND(0.99)]
Methapyrilene	ND(0.99) J	ND(0.95) J	ND(0.94) J [ND(0.99) J]
Methyl Methanesulfonate	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Naphthalene	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Nitrobenzene	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
N-Nitrosodiethylamine	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
N-Nitrosodimethylamine	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
N-Nitroso-di-n-butylamine	ND(0.99)	ND(0.95)	ND(0.94) [ND(0.99)]
N-Nitroso-di-n-propylamine	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
N-Nitrosodiphenylamine	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
N-Nitrosomethylethylamine	ND(0.99)	ND(0.95)	ND(0.94) [ND(0.99)]
N-Nitrosomorpholine	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
N-Nitrosopiperidine	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
N-Nitrosopyrrolidine	ND(0.99)	ND(0.95)	ND(0.94) [ND(0.99)]
o,o,o-Triethylphosphorothioate	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
o-Toluidine	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
p-Dimethylaminoazobenzene	ND(0.99)	ND(0.95)	ND(0.94) [ND(0.99)]
Pentachlorobenzene	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Pentachloroethane	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Pentachloronitrobenzene	ND(0.99)	ND(0.95)	ND(0.94) [ND(0.99)]
Pentachlorophenol	ND(2.5)	ND(2.4)	ND(2.4) [ND(2.5)]
Phenacetin	ND(0.99)	ND(0.95)	ND(0.94) [ND(0.99)]
Phenanthrene	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Phenol	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Pronamide	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Pyrene	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Pyridine	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Safrole	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]
Thionazin	ND(0.49)	ND(0.47)	ND(0.47) [ND(0.49)]

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample/Location ID: RAA13-B84 Sample Depth(Feet): 0-1 Date Collected: 10/25/02	Sample/Location ID: RAA13-B84 Sample Depth(Feet): 1-3 Date Collected: 10/25/02	Sample/Location ID: RAA13-B84 Sample Depth(Feet): 6-10 Date Collected: 10/25/02
Furans			
2,3,7,8-TCDF	0.000037 Y	0.00000064 J	ND(0.00000018) X [0.00000023 J]
TCDFs (total)	0.00023	0.0000039	ND(0.00000022) [0.00000041]
1,2,3,7,8-PeCDF	0.000013	0.00000044 J	0.00000020 J [ND(0.00000019) X]
2,3,4,7,8-PeCDF	0.000017	ND(0.00000040) X	ND(0.00000018) X [ND(0.00000020) X]
PeCDFs (total)	0.00018	0.0000025	ND(0.00000020) [ND(0.00000017)]
1,2,3,4,7,8-HxCDF	0.000017	0.00000052 J	0.00000019 J [ND(0.00000020) X]
1,2,3,6,7,8-HxCDF	0.000010	ND(0.00000037) X	0.00000018 J [ND(0.00000020) X]
1,2,3,7,8,9-HxCDF	0.0000027 J	ND(0.00000015)	ND(0.00000056) [ND(0.00000058)]
2,3,4,6,7,8-HxCDF	0.0000099	0.00000026 J	0.00000012 J [ND(0.00000013) X]
HxCDFs (total)	0.00014	0.0000016	0.00000083 [ND(0.00000011)]
1,2,3,4,6,7,8-HpCDF	0.000023	0.00000075 J	ND(0.00000018) X [ND(0.00000024)]
1,2,3,4,7,8,9-HpCDF	0.0000036 J	0.00000017 J	ND(0.00000056) [ND(0.00000058)]
HpCDFs (total)	0.000043	0.0000013	ND(0.00000056) [ND(0.00000024)]
OCDF	0.000025	0.00000097 J	ND(0.00000044) X [ND(0.00000029) X]
Dioxins			
2,3,7,8-TCDD	ND(0.00000054) X	ND(0.00000022)	ND(0.00000022) [ND(0.00000023) X]
TCDDs (total)	0.0000039	ND(0.00000045)	0.00000029 J [0.00000015 J]
1,2,3,7,8-PeCDD	ND(0.00000088) X	ND(0.00000056)	ND(0.00000056) [ND(0.00000058)]
PeCDDs (total)	0.0000060	ND(0.00000056)	0.00000054 J [0.00000032 J]
1,2,3,4,7,8-HxCDD	0.00000073 J	ND(0.00000056)	ND(0.00000056) [ND(0.00000058)]
1,2,3,6,7,8-HxCDD	0.0000013 J	ND(0.00000056)	ND(0.00000056) [ND(0.00000058)]
1,2,3,7,8,9-HxCDD	0.0000012 J	ND(0.00000056)	ND(0.00000056) [ND(0.00000058)]
HxCDDs (total)	0.000015	ND(0.00000098)	0.00000037 J [0.00000019 J]
1,2,3,4,6,7,8-HpCDD	0.000012	ND(0.00000072) X	ND(0.00000044) [ND(0.00000048)]
HpCDDs (total)	0.000024	ND(0.00000056)	ND(0.00000044) [ND(0.00000048)]
OCDD	0.00010	ND(0.0000038)	ND(0.0000037) [ND(0.0000030)]
Total TEQs (WHO TEFs)	0.000018	0.00000078	0.00000062 [0.00000063]
Inorganics			
Antimony	1.30 B	ND(6.00)	ND(6.00) [ND(6.00)]
Arsenic	6.50	5.20	11.0 [12.0]
Barium	48.0	28.0	69.0 [59.0]
Beryllium	0.900	ND(0.500)	0.600 [0.560]
Cadmium	1.20	ND(0.500)	0.740 [0.740]
Chromium	16.0 J	9.80 J	11.0 J [13.0 J]
Cobalt	9.40	12.0	17.0 [16.0]
Copper	27.0 J	24.0 J	38.0 J [38.0 J]
Cyanide	ND(0.150)	ND(0.140)	ND(0.140) [ND(0.150)]
Lead	34.0	12.0	18.0 [16.0]
Mercury	0.150	0.0560 B	ND(0.140) [ND(0.150)]
Nickel	17.0 J	18.0 J	27.0 J [26.0 J]
Selenium	0.710 B	ND(1.10)	ND(1.00) [ND(1.10)]
Silver	0.480 B	ND(1.10)	ND(1.00) [ND(1.10)]
Sulfide	26.0 J	16.0 J	11.0 J [ND(7.40) J]
Thallium	1.50 B	ND(2.10)	ND(2.10) [ND(2.20)]
Tin	ND(11.0)	5.30 B	4.60 B [4.60 B]
Vanadium	13.0 J	10.0 J	11.0 J [11.0 J]
Zinc	76.0 J	50.0 J	71.0 J [74.0 J]

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm) (Results are present

Parameter	Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-B84 8-10 10/25/02	RAA13-B86 0-1 10/24/02	RAA13-B86 1-3 10/24/02	RAA13-B86 3-6 10/24/02	RAA13-B86 4-6 10/24/02
Volatile Organics						
1,1,1,2-Tetrachloroethane		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
1,1,1-Trichloroethane		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
1,1,2,2-Tetrachloroethane		ND(0.0070) [ND(0.0074)]	ND(0.011) J	ND(0.014) J	NS	ND(0.011)
1,1,2-Trichloroethane		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
1,1-Dichloroethane		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
1,1-Dichloroethene		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
1,2,3-Trichloropropane		ND(0.0070) [ND(0.0074)]	ND(0.011) J	ND(0.014) J	NS	ND(0.011)
1,2-Dibromo-3-chloropropane		ND(0.0070) [ND(0.0074)]	ND(0.011) J	ND(0.014) J	NS	ND(0.011)
1,2-Dibromoethane		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
1,2-Dichloroethane		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
1,2-Dichloropropane		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
1,4-Dioxane		ND(0.14) J [ND(0.15) J]	ND(0.23)	ND(0.27)	NS	ND(0.22)
2-Butanone		ND(0.014) [ND(0.015)]	ND(0.023)	ND(0.027)	NS	ND(0.022)
2-Chloro-1,3-butadiene		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
2-Chloroethylvinylether		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
2-Hexanone		ND(0.014) [ND(0.015)]	ND(0.023)	ND(0.027)	NS	ND(0.022)
3-Chloropropene		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
4-Methyl-2-pentanone		ND(0.014) [ND(0.015)]	ND(0.023)	ND(0.027)	NS	ND(0.022)
Acetone		ND(0.028) [ND(0.030)]	ND(0.046)	0.030 J	NS	ND(0.045)
Acetonitrile		ND(0.14) [ND(0.15)]	ND(0.23)	ND(0.27)	NS	ND(0.22)
Acrolein		ND(0.14) J [ND(0.15) J]	ND(0.23) J	ND(0.27) J	NS	ND(0.22) J
Acrylonitrile		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
Benzene		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
Bromodichloromethane		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
Bromoform		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
Bromomethane		ND(0.0070) J [ND(0.0074) J]	ND(0.011)	ND(0.014)	NS	ND(0.011)
Carbon Disulfide		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
Carbon Tetrachloride		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
Chlorobenzene		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
Chloroethane		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
Chloroform		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
Chloromethane		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
cis-1,3-Dichloropropene		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
Dibromochloromethane		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
Dibromomethane		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
Dichlorodifluoromethane		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
Ethyl Methacrylate		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
Ethylbenzene		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
Iodomethane		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
Isobutanol		ND(0.14) [ND(0.15)]	ND(0.23)	ND(0.27)	NS	ND(0.22)
Methacrylonitrile		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
Methyl Methacrylate		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
Methylene Chloride		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
Propionitrile		ND(0.014) [ND(0.015)]	ND(0.023) J	ND(0.027) J	NS	ND(0.022) J
Styrene		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
Tetrachloroethene		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
Toluene		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
trans-1,2-Dichloroethene		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
trans-1,3-Dichloropropene		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
trans-1,4-Dichloro-2-butene		ND(0.0070) [ND(0.0074)]	ND(0.011) J	ND(0.014) J	NS	ND(0.011) J
Trichloroethene		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
Trichlorofluoromethane		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
Vinyl Acetate		ND(0.0070) [ND(0.0074)]	ND(0.011) J	ND(0.014) J	NS	ND(0.011) J
Vinyl Chloride		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)
Xylenes (total)		ND(0.0070) [ND(0.0074)]	ND(0.011)	ND(0.014)	NS	ND(0.011)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm) (Results are present

Parameter	Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-B84 8-10 10/25/02	RAA13-B86 0-1 10/24/02	RAA13-B86 1-3 10/24/02	RAA13-B86 3-6 10/24/02	RAA13-B86 4-6 10/24/02
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
1,2,4-Trichlorobenzene		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
1,2-Dichlorobenzene		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
1,2-Diphenylhydrazine		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
1,3,5-Trinitrobenzene		NS	ND(1.3) J	ND(1.5) J	ND(1.6) J	NS
1,3-Dichlorobenzene		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
1,3-Dinitrobenzene		NS	ND(1.5)	ND(1.8)	ND(1.6)	NS
1,4-Dichlorobenzene		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
1,4-Naphthoquinone		NS	ND(1.5)	ND(1.8)	ND(1.6)	NS
1-Naphthylamine		NS	ND(1.5)	ND(1.8)	ND(1.6)	NS
2,3,4,6-Tetrachlorophenol		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
2,4,5-Trichlorophenol		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
2,4,6-Trichlorophenol		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
2,4-Dichlorophenol		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
2,4-Dimethylphenol		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
2,4-Dinitrophenol		NS	ND(6.5)	ND(7.7)	ND(7.8)	NS
2,4-Dinitrotoluene		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
2,6-Dichlorophenol		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
2,6-Dinitrotoluene		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
2-Acetylaminofluorene		NS	ND(1.5) J	ND(1.8) J	ND(1.6) J	NS
2-Chloronaphthalene		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
2-Chlorophenol		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
2-Methylnaphthalene		NS	0.37 J	ND(1.5)	ND(1.6)	NS
2-Methylphenol		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
2-Naphthylamine		NS	ND(1.5)	ND(1.8)	ND(1.6)	NS
2-Nitroaniline		NS	ND(6.5)	ND(7.7)	ND(7.8)	NS
2-Nitrophenol		NS	ND(1.5)	ND(1.8)	ND(1.6)	NS
2-Picoline		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
3&4-Methylphenol		NS	ND(1.5)	ND(1.8)	ND(1.6)	NS
3,3'-Dichlorobenzidine		NS	ND(2.6)	ND(3.1)	ND(3.1)	NS
3,3'-Dimethylbenzidine		NS	ND(1.3) J	ND(1.5) J	ND(1.6) J	NS
3-Methylcholanthrene		NS	ND(1.5)	ND(1.8)	ND(1.6)	NS
3-Nitroaniline		NS	ND(6.5)	ND(7.7)	ND(7.8)	NS
4,6-Dinitro-2-methylphenol		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
4-Aminobiphenyl		NS	ND(1.5)	ND(1.8)	ND(1.6)	NS
4-Bromophenyl-phenylether		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
4-Chloro-3-Methylphenol		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
4-Chloroaniline		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
4-Chlorobenzilate		NS	ND(1.5)	ND(1.8)	ND(1.6)	NS
4-Chlorophenyl-phenylether		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
4-Nitroaniline		NS	ND(3.9)	ND(4.6)	ND(3.8)	NS
4-Nitrophenol		NS	ND(6.5)	ND(7.7)	ND(7.8)	NS
4-Nitroquinoline-1-oxide		NS	ND(1.5) J	ND(1.8) J	ND(1.6) J	NS
4-Phenylenediamine		NS	ND(1.5) J	ND(1.8) J	ND(1.6) J	NS
5-Nitro-o-toluidine		NS	ND(1.5)	ND(1.8)	ND(1.6)	NS
7,12-Dimethylbenz(a)anthracene		NS	ND(1.5)	ND(1.8)	ND(1.6)	NS
a,a'-Dimethylphenethylamine		NS	ND(1.5)	ND(1.8)	ND(1.6)	NS
Acenaphthene		NS	0.52 J	ND(1.5)	ND(1.6)	NS
Acenaphthylene		NS	2.0	ND(1.5)	ND(1.6)	NS
Acetophenone		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
Aniline		NS	0.50 J	ND(1.5)	ND(1.6)	NS
Anthracene		NS	1.9	ND(1.5)	ND(1.6)	NS
Aramite		NS	ND(1.5) J	ND(1.8) J	ND(1.6) J	NS
Benzidine		NS	ND(2.6) J	ND(3.1) J	ND(3.1) J	NS
Benzo(a)anthracene		NS	5.3	ND(1.5)	ND(1.6)	NS
Benzo(a)pyrene		NS	5.8	0.43 J	ND(1.6)	NS
Benzo(b)fluoranthene		NS	8.1	0.32 J	ND(1.6)	NS
Benzo(g,h,i)perylene		NS	5.0	ND(1.5)	ND(1.6)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm) (Results are present

Parameter	Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-B84 8-10 10/25/02	RAA13-B86 0-1 10/24/02	RAA13-B86 1-3 10/24/02	RAA13-B86 3-6 10/24/02	RAA13-B86 4-6 10/24/02
Semivolatile Organics(continued)						
Benzo(k)fluoranthene		NS	3.1	ND(1.5)	ND(1.6)	NS
Benzyl Alcohol		NS	ND(2.6)	ND(3.1)	ND(3.1)	NS
bis(2-Chloroethoxy)methane		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
bis(2-Chloroethyl)ether		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
bis(2-Chloroisopropyl)ether		NS	ND(1.3) J	ND(1.5) J	ND(1.6) J	NS
bis(2-Ethylhexyl)phthalate		NS	ND(0.75)	ND(0.89)	ND(0.78)	NS
Butylbenzylphthalate		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
Chrysene		NS	7.5	ND(1.5)	ND(1.6)	NS
Diallate		NS	ND(1.5)	ND(1.8)	ND(1.6)	NS
Dibenzo(a,h)anthracene		NS	1.2 J	ND(1.5)	ND(1.6)	NS
Dibenzofuran		NS	0.31 J	ND(1.5)	ND(1.6)	NS
Diethylphthalate		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
Dimethylphthalate		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
Di-n-Butylphthalate		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
Di-n-Octylphthalate		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
Diphenylamine		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
Ethyl Methanesulfonate		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
Fluoranthene		NS	13	0.44 J	ND(1.6)	NS
Fluorene		NS	0.70 J	ND(1.5)	ND(1.6)	NS
Hexachlorobenzene		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
Hexachlorobutadiene		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
Hexachlorocyclopentadiene		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
Hexachloroethane		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
Hexachlorophene		NS	ND(2.6) J	ND(3.1) J	ND(3.1) J	NS
Hexachloropropene		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
Indeno(1,2,3-cd)pyrene		NS	4.4	ND(1.5)	ND(1.6)	NS
Isodrin		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
Isophorone		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
Isosafrole		NS	ND(1.5)	ND(1.8)	ND(1.6)	NS
Methapyrilene		NS	ND(1.5) J	ND(1.8) J	ND(1.6) J	NS
Methyl Methanesulfonate		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
Naphthalene		NS	0.78 J	ND(1.5)	ND(1.6)	NS
Nitrobenzene		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
N-Nitrosodiethylamine		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
N-Nitrosodimethylamine		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
N-Nitroso-di-n-butylamine		NS	ND(1.5)	ND(1.8)	ND(1.6)	NS
N-Nitroso-di-n-propylamine		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
N-Nitrosodiphenylamine		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
N-Nitrosomethylethylamine		NS	ND(1.5)	ND(1.8)	ND(1.6)	NS
N-Nitrosomorpholine		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
N-Nitrosopiperidine		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
N-Nitrosopyrrolidine		NS	ND(1.5)	ND(1.8)	ND(1.6)	NS
o,o,o-Triethylphosphorothioate		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
o-Toluidine		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
p-Dimethylaminoazobenzene		NS	ND(1.5)	ND(1.8)	ND(1.6)	NS
Pentachlorobenzene		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
Pentachloroethane		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
Pentachloronitrobenzene		NS	ND(1.5)	ND(1.8)	ND(1.6)	NS
Pentachlorophenol		NS	ND(6.5)	ND(7.7)	ND(7.8)	NS
Phenacetin		NS	ND(1.5)	ND(1.8)	ND(1.6)	NS
Phenanthrene		NS	6.0	ND(1.5)	ND(1.6)	NS
Phenol		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
Pronamide		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
Pyrene		NS	13	0.50 J	ND(1.6)	NS
Pyridine		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
Safrole		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS
Thionazin		NS	ND(1.3)	ND(1.5)	ND(1.6)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm) (Results are present

Parameter	Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-B84 8-10 10/25/02	RAA13-B86 0-1 10/24/02	RAA13-B86 1-3 10/24/02	RAA13-B86 3-6 10/24/02	RAA13-B86 4-6 10/24/02
Furans						
2,3,7,8-TCDF		NS	0.00026 Y	0.000019 Y	ND(0.0000030)	NS
TCDFs (total)		NS	0.0032 I	0.00023	ND(0.0000030)	NS
1,2,3,7,8-PeCDF		NS	0.000091	0.0000057 J	ND(0.0000048)	NS
2,3,4,7,8-PeCDF		NS	0.00030	0.000018	ND(0.0000048)	NS
PeCDFs (total)		NS	0.0038 I	0.00021	0.0000030	NS
1,2,3,4,7,8-HxCDF		NS	0.00030	0.000017	ND(0.0000024) X	NS
1,2,3,6,7,8-HxCDF		NS	0.00015	0.0000093 J	ND(0.0000020) X	NS
1,2,3,7,8,9-HxCDF		NS	0.000056	0.0000038 J	ND(0.0000050)	NS
2,3,4,6,7,8-HxCDF		NS	0.00023	0.000016	ND(0.0000048)	NS
HxCDFs (total)		NS	0.0044 Q	0.00025	0.0000078	NS
1,2,3,4,6,7,8-HpCDF		NS	0.00043	0.000024	ND(0.0000021)	NS
1,2,3,4,7,8,9-HpCDF		NS	0.000077	0.0000048 J	ND(0.0000048)	NS
HpCDFs (total)		NS	0.0012	0.000070	ND(0.0000021)	NS
OCDF		NS	0.00042	0.000024	ND(0.0000095)	NS
Dioxins						
2,3,7,8-TCDD		NS	0.000014	ND(0.0000011) X	ND(0.0000025)	NS
TCDDs (total)		NS	0.000037	0.0000012	ND(0.0000072)	NS
1,2,3,7,8-PeCDD		NS	0.0000077 J	ND(0.00000065) X	ND(0.0000048)	NS
PeCDDs (total)		NS	0.000058	0.0000026	ND(0.0000070)	NS
1,2,3,4,7,8-HxCDD		NS	0.000012	0.00000074 J	ND(0.0000048)	NS
1,2,3,6,7,8-HxCDD		NS	0.000022	0.0000012 J	ND(0.0000048)	NS
1,2,3,7,8,9-HxCDD		NS	0.000018	0.0000012 J	ND(0.0000048)	NS
HxCDDs (total)		NS	0.00024	0.000010	ND(0.0000095)	NS
1,2,3,4,6,7,8-HpCDD		NS	0.00033	0.000014	ND(0.0000049)	NS
HpCDDs (total)		NS	0.00083	0.000033	ND(0.0000049)	NS
OCDD		NS	0.0022	0.00012	ND(0.000018)	NS
Total TEQs (WHO TEFs)		NS	0.00029	0.000017	0.0000066	NS
Inorganics						
Antimony		NS	ND(6.00)	ND(6.00)	ND(6.00)	NS
Arsenic		NS	24.0	4.10	2.80	NS
Barium		NS	140	120	45.0	NS
Beryllium		NS	0.680	0.580	ND(0.500)	NS
Cadmium		NS	5.00	0.880	0.570	NS
Chromium		NS	81.0	29.0	12.0	NS
Cobalt		NS	20.0	11.0	9.20	NS
Copper		NS	150	37.0	18.0	NS
Cyanide		NS	1.30	0.460	ND(0.220)	NS
Lead		NS	510	34.0	7.50	NS
Mercury		NS	0.990	0.450	ND(0.220)	NS
Nickel		NS	47.0	19.0	14.0	NS
Selenium		NS	ND(1.10) J	ND(2.00) J	ND(1.70) J	NS
Silver		NS	ND(1.70)	ND(2.00)	ND(1.70)	NS
Sulfide		NS	190	150	75.0	NS
Thallium		NS	ND(3.40) J	ND(4.10) J	ND(3.40) J	NS
Tin		NS	30.0	10.0 B	8.50 B	NS
Vanadium		NS	47.0	17.0	10.0	NS
Zinc		NS	910 J	130 J	80.0 J	NS

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ted in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-B87 0-1 10/24/02	RAA13-B87 1-3 10/24/02	RAA13-B87 3-6 10/24/02	RAA13-B87 4-6 10/24/02	RAA13-B90 0-1 10/01/02
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
1,1,1-Trichloroethane	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
1,1,2,2-Tetrachloroethane	ND(0.0088) J	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
1,1,2-Trichloroethane	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
1,1-Dichloroethane	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
1,1-Dichloroethene	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
1,2,3-Trichloropropane	ND(0.0088) J	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
1,2-Dibromo-3-chloropropane	ND(0.0088) J	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
1,2-Dibromoethane	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
1,2-Dichloroethane	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
1,2-Dichloropropane	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
1,4-Dioxane	ND(0.18)	ND(0.18)	NS	ND(0.15)	ND(0.17) J
2-Butanone	ND(0.018)	ND(0.018)	NS	ND(0.015)	ND(0.017)
2-Chloro-1,3-butadiene	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
2-Chloroethylvinylether	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
2-Hexanone	ND(0.018)	ND(0.018)	NS	ND(0.015)	ND(0.017) J
3-Chloropropene	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
4-Methyl-2-pentanone	ND(0.018)	ND(0.018)	NS	ND(0.015)	ND(0.017) J
Acetone	0.034 J	ND(0.036)	NS	ND(0.030)	ND(0.034) J
Acetonitrile	ND(0.18)	ND(0.18)	NS	ND(0.15)	ND(0.17)
Acrolein	ND(0.18) J	ND(0.18) J	NS	ND(0.15) J	ND(0.17) J
Acrylonitrile	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
Benzene	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
Bromodichloromethane	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
Bromoform	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
Bromomethane	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
Carbon Disulfide	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
Carbon Tetrachloride	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
Chlorobenzene	ND(0.0088)	ND(0.0090)	NS	0.072	ND(0.0085)
Chloroethane	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
Chloroform	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
Chloromethane	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
cis-1,3-Dichloropropene	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
Dibromochloromethane	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
Dibromomethane	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
Dichlorodifluoromethane	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
Ethyl Methacrylate	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
Ethylbenzene	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
Iodomethane	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
Isobutanol	ND(0.18)	ND(0.18)	NS	ND(0.15)	ND(0.17)
Methacrylonitrile	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
Methyl Methacrylate	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
Methylene Chloride	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
Propionitrile	ND(0.018) J	ND(0.018) J	NS	ND(0.015) J	ND(0.017) J
Styrene	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
Tetrachloroethene	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
Toluene	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
trans-1,2-Dichloroethene	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
trans-1,3-Dichloropropene	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085) J
trans-1,4-Dichloro-2-butene	ND(0.0088) J	ND(0.0090) J	NS	ND(0.0074) J	ND(0.0085)
Trichloroethene	0.0090	0.0081 J	NS	ND(0.0074)	ND(0.0085)
Trichlorofluoromethane	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
Vinyl Acetate	ND(0.0088) J	ND(0.0090) J	NS	ND(0.0074) J	ND(0.0085)
Vinyl Chloride	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)
Xylenes (total)	ND(0.0088)	ND(0.0090)	NS	ND(0.0074)	ND(0.0085)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ted in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-B87 0-1 10/24/02	RAA13-B87 1-3 10/24/02	RAA13-B87 3-6 10/24/02	RAA13-B87 4-6 10/24/02	RAA13-B90 0-1 10/01/02
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
1,2,4-Trichlorobenzene	0.71 J	ND(0.60)	ND(0.49)	NS	0.14 J
1,2-Dichlorobenzene	ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
1,2-Diphenylhydrazine	ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
1,3,5-Trinitrobenzene	ND(1.1) J	ND(0.60) J	ND(0.49) J	NS	ND(0.57)
1,3-Dichlorobenzene	0.34 J	ND(0.60)	ND(0.49)	NS	ND(0.57)
1,3-Dinitrobenzene	ND(1.2)	ND(1.2)	ND(0.99)	NS	ND(1.1)
1,4-Dichlorobenzene	1.3	0.17 J	ND(0.49)	NS	ND(0.57)
1,4-Naphthoquinone	ND(1.2)	ND(1.2)	ND(0.99)	NS	ND(1.1)
1-Naphthylamine	ND(1.2)	ND(1.2)	ND(0.99)	NS	ND(1.1)
2,3,4,6-Tetrachlorophenol	ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
2,4,5-Trichlorophenol	ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
2,4,6-Trichlorophenol	ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
2,4-Dichlorophenol	ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
2,4-Dimethylphenol	ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
2,4-Dinitrophenol	ND(5.3)	ND(3.1)	ND(2.5)	NS	ND(2.9)
2,4-Dinitrotoluene	ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
2,6-Dichlorophenol	ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
2,6-Dinitrotoluene	ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
2-Acetylaminofluorene	ND(1.2) J	ND(1.2) J	ND(0.99) J	NS	ND(1.1)
2-Chloronaphthalene	ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
2-Chlorophenol	ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
2-Methylnaphthalene	0.57 J	ND(0.60)	ND(0.49)	NS	ND(0.57)
2-Methylphenol	ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
2-Naphthylamine	ND(1.2)	ND(1.2)	ND(0.99)	NS	ND(1.1)
2-Nitroaniline	ND(5.3)	ND(3.1)	ND(2.5)	NS	ND(2.9)
2-Nitrophenol	ND(1.2)	ND(1.2)	ND(0.99)	NS	ND(1.1)
2-Picoline	ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
3&4-Methylphenol	ND(1.2)	ND(1.2)	ND(0.99)	NS	0.19 J
3,3'-Dichlorobenzidine	ND(2.1)	ND(1.2)	ND(0.99)	NS	ND(1.1)
3,3'-Dimethylbenzidine	ND(1.1) J	ND(0.60) J	ND(0.49) J	NS	ND(0.57)
3-Methylcholanthrene	ND(1.2)	ND(1.2)	ND(0.99)	NS	ND(1.1)
3-Nitroaniline	ND(5.3)	ND(3.1)	ND(2.5)	NS	ND(2.9)
4,6-Dinitro-2-methylphenol	ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
4-Aminobiphenyl	ND(1.2)	ND(1.2)	ND(0.99)	NS	ND(1.1)
4-Bromophenyl-phenylether	ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
4-Chloro-3-Methylphenol	ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
4-Chloroaniline	ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
4-Chlorobenzilate	ND(1.2)	ND(1.2)	ND(0.99)	NS	ND(1.1)
4-Chlorophenyl-phenylether	ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
4-Nitroaniline	ND(3.0)	ND(3.1)	ND(2.5)	NS	ND(2.9)
4-Nitrophenol	ND(5.3)	ND(3.1)	ND(2.5)	NS	ND(2.9)
4-Nitroquinoline-1-oxide	ND(1.2) J	ND(1.2) J	ND(0.99) J	NS	ND(1.1)
4-Phenylenediamine	ND(1.2) J	ND(1.2) J	ND(0.99) J	NS	ND(1.1) J
5-Nitro-o-toluidine	ND(1.2)	ND(1.2)	ND(0.99)	NS	ND(1.1)
7,12-Dimethylbenz(a)anthracene	ND(1.2)	ND(1.2)	ND(0.99)	NS	ND(1.1)
a,a'-Dimethylphenethylamine	ND(1.2)	ND(1.2)	ND(0.99)	NS	ND(1.1) J
Acenaphthene	ND(1.1)	ND(0.60)	0.80	NS	0.14 J
Acenaphthylene	5.4	ND(0.60)	ND(0.49)	NS	ND(0.57)
Acetophenone	ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
Aniline	3.7	ND(0.60)	ND(0.49)	NS	0.29 J
Anthracene	3.2	ND(0.60)	ND(0.49)	NS	ND(0.57)
Aramite	ND(1.2) J	ND(1.2) J	ND(0.99) J	NS	ND(1.1)
Benzidine	ND(2.1) J	ND(1.2) J	ND(0.99) J	NS	ND(1.1) J
Benzo(a)anthracene	8.2	ND(0.60)	ND(0.49)	NS	0.19 J
Benzo(a)pyrene	9.3	ND(0.60)	ND(0.49)	NS	0.12 J
Benzo(b)fluoranthene	14	ND(0.60)	ND(0.49)	NS	0.23 J
Benzo(g,h,i)perylene	9.3	ND(0.60)	ND(0.49)	NS	0.12 J

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ted in dry weight parts per million, ppm)

Parameter	Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-B87 0-1 10/24/02	RAA13-B87 1-3 10/24/02	RAA13-B87 3-6 10/24/02	RAA13-B87 4-6 10/24/02	RAA13-B90 0-1 10/01/02
Semivolatile Organics(continued)						
Benzo(k)fluoranthene		4.9	ND(0.60)	ND(0.49)	NS	0.13 J
Benzyl Alcohol		ND(2.1)	ND(1.2)	ND(0.99)	NS	ND(1.1)
bis(2-Chloroethoxy)methane		ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
bis(2-Chloroethyl)ether		ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
bis(2-Chloroisopropyl)ether		ND(1.1) J	ND(0.60) J	ND(0.49) J	NS	ND(0.57)
bis(2-Ethylhexyl)phthalate		ND(0.58)	ND(0.60)	ND(0.49)	NS	ND(0.56)
Butylbenzylphthalate		ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
Chrysene		13	ND(0.60)	0.10 J	NS	0.24 J
Diallate		ND(1.2)	ND(1.2)	ND(0.99)	NS	ND(1.1)
Dibenzo(a,h)anthracene		2.0	ND(0.60)	ND(0.49)	NS	ND(0.57)
Dibenzofuran		0.38 J	ND(0.60)	ND(0.49)	NS	ND(0.57)
Diethylphthalate		ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
Dimethylphthalate		ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
Di-n-Butylphthalate		ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
Di-n-Octylphthalate		ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
Diphenylamine		ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
Ethyl Methanesulfonate		ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
Fluoranthene		15	ND(0.60)	0.11 J	NS	0.33 J
Fluorene		1.0 J	ND(0.60)	0.16 J	NS	ND(0.57)
Hexachlorobenzene		ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
Hexachlorobutadiene		ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
Hexachlorocyclopentadiene		ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
Hexachloroethane		ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
Hexachlorophene		ND(2.1) J	ND(1.2) J	ND(0.99) J	NS	ND(1.1) J
Hexachloropropene		ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
Indeno(1,2,3-cd)pyrene		7.5	ND(0.60)	ND(0.49)	NS	ND(0.57)
Isodrin		ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
Isophorone		ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
Isosafrole		ND(1.2)	ND(1.2)	ND(0.99)	NS	ND(1.1)
Methapyrilene		ND(1.2) J	ND(1.2) J	ND(0.99) J	NS	ND(1.1)
Methyl Methanesulfonate		ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
Naphthalene		0.84 J	ND(0.60)	ND(0.49)	NS	ND(0.57)
Nitrobenzene		ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
N-Nitrosodiethylamine		ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
N-Nitrosodimethylamine		ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
N-Nitroso-di-n-butylamine		ND(1.2)	ND(1.2)	ND(0.99)	NS	ND(1.1)
N-Nitroso-di-n-propylamine		ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
N-Nitrosodiphenylamine		ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
N-Nitrosomethylethylamine		ND(1.2)	ND(1.2)	ND(0.99)	NS	ND(1.1)
N-Nitrosomorpholine		ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
N-Nitrosopiperidine		ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
N-Nitrosopyrrolidine		ND(1.2)	ND(1.2)	ND(0.99)	NS	ND(1.1)
o,o,o-Triethylphosphorothioate		ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
o-Toluidine		ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
p-Dimethylaminoazobenzene		ND(1.2)	ND(1.2)	ND(0.99)	NS	ND(1.1)
Pentachlorobenzene		ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
Pentachloroethane		ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
Pentachloronitrobenzene		ND(1.2)	ND(1.2)	ND(0.99)	NS	ND(1.1)
Pentachlorophenol		ND(5.3)	ND(3.1)	ND(2.5)	NS	ND(2.9)
Phenacetin		ND(1.2)	ND(1.2)	ND(0.99)	NS	ND(1.1)
Phenanthrene		7.0	ND(0.60)	ND(0.49)	NS	0.16 J
Phenol		ND(1.1)	ND(0.60)	ND(0.49)	NS	0.71
Pronamide		ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
Pyrene		23	ND(0.60)	0.21 J	NS	0.30 J
Pyridine		ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
Safrole		ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)
Thionazin		ND(1.1)	ND(0.60)	ND(0.49)	NS	ND(0.57)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ted in dry weight parts per million, ppm)

Sample/Location ID: Sample Depth(Feet): Parameter Date Collected:	RAA13-B87 0-1 10/24/02	RAA13-B87 1-3 10/24/02	RAA13-B87 3-6 10/24/02	RAA13-B87 4-6 10/24/02	RAA13-B90 0-1 10/01/02
Furans					
2,3,7,8-TCDF	0.00079 Y	0.00056 Y	0.00038 Y	NS	0.00042 Y
TCDFs (total)	0.012 I	0.0075 I	0.0042	NS	0.0027 I
1,2,3,7,8-PeCDF	0.00042	0.00066	0.00056	NS	0.00020
2,3,4,7,8-PeCDF	0.0023	0.0038 EJ	0.0029	NS	0.00023
PeCDFs (total)	0.019	0.022	0.016	NS	0.0024 I
1,2,3,4,7,8-HxCDF	0.0078 EJ	0.015 EJ	0.011	NS	0.00035
1,2,3,6,7,8-HxCDF	0.0032 EIJ	0.0060 EIJ	0.0047	NS	0.00021
1,2,3,7,8,9-HxCDF	0.0018	0.0038 EJ	0.0030	NS	0.000053
2,3,4,6,7,8-HxCDF	0.0022	0.0031 EJ	0.0026	NS	0.00015
HxCDFs (total)	0.034 I	0.044 I	0.033	NS	0.0022 I
1,2,3,4,6,7,8-HpCDF	0.0030 EJ	0.0038 EJ	0.0029	NS	0.00033
1,2,3,4,7,8,9-HpCDF	0.0019	0.0038 EJ	0.0027	NS	0.000088
HpCDFs (total)	0.0093	0.012	0.0085	NS	0.00074
OCDF	0.0028	0.0034	0.0023	NS	0.00036
Dioxins					
2,3,7,8-TCDD	0.000016	0.0000017 J	ND(0.0000020) X	NS	0.000019
TCDDs (total)	0.00027	0.00036	0.00022	NS	0.000045
1,2,3,7,8-PeCDD	ND(0.000023) X	ND(0.000022)	ND(0.000022) X	NS	ND(0.0000072) X
PeCDDs (total)	0.00022	0.00042	0.00047	NS	0.000069
1,2,3,4,7,8-HxCDD	0.000030	0.000013	0.000012 J	NS	0.0000048 J
1,2,3,6,7,8-HxCDD	0.000047	0.000030	0.000026 J	NS	0.0000082
1,2,3,7,8,9-HxCDD	0.000040	ND(0.000022) X	0.000015 J	NS	0.0000070
HxCDDs (total)	0.00066	0.00050	0.00032	NS	0.00018
1,2,3,4,6,7,8-HpCDD	0.00050	0.000065	0.000056	NS	0.00012
HpCDDs (total)	0.0011	0.00014	0.00011	NS	0.00065
OCDD	0.0028	0.00016	0.00015	NS	0.0013
Total TEQs (WHO TEFs)	0.0028	0.0049	0.0037	NS	0.00027
Inorganics					
Antimony	ND(6.00)	ND(6.00)	ND(6.00)	NS	1.60 B
Arsenic	11.0	3.30	1.20	NS	5.20 J
Barium	91.0	60.0	24.0	NS	930
Beryllium	0.580	ND(0.500)	0.170 B	NS	ND(0.500)
Cadmium	3.00	ND(0.500)	0.220 B	NS	ND(0.500)
Chromium	31.0	23.0	6.50	NS	7.60
Cobalt	14.0	7.60	5.10	NS	1.20 B
Copper	130	23.0	11.0	NS	380
Cyanide	0.710	0.250	ND(0.150)	NS	ND(0.340)
Lead	550	23.0	4.40	NS	100
Mercury	1.10	0.180 B	0.0460 B	NS	ND(0.170)
Nickel	33.0	12.0	8.30	NS	9.00
Selenium	ND(0.920) J	ND(1.40) J	ND(1.10) J	NS	ND(1.30) J
Silver	ND(1.30)	ND(1.40)	ND(1.10)	NS	ND(1.30)
Sulfide	51.0	53.0	190	NS	49 J
Thallium	ND(2.60) J	ND(2.70) J	ND(2.20) J	NS	ND(2.60) J
Tin	66.0	ND(14.0)	4.80 B	NS	21.0
Vanadium	39.0	11.0	5.70	NS	11.0
Zinc	790 J	81.0 J	45.0 J	NS	100

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-B90 1-3 10/01/02	RAA13-B96 0-1 09/26/02	RAA13-B97 3-6 10/09/02	RAA13-B97 4-6 10/09/02	RAA13-B99 1-3 10/09/02	RAA13-C3 0-1 09/26/02
Volatile Organics							
1,1,1,2-Tetrachloroethane		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
1,1,1-Trichloroethane		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
1,1,2,2-Tetrachloroethane		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
1,1,2-Trichloroethane		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
1,1-Dichloroethane		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
1,1-Dichloroethene		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065)	ND(0.0053)
1,2,3-Trichloropropane		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
1,2-Dibromo-3-chloropropane		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
1,2-Dibromoethane		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
1,2-Dichloroethane		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065)	ND(0.0053)
1,2-Dichloropropane		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
1,4-Dioxane		ND(0.16) J	ND(0.10)	NS	ND(0.13)	ND(0.13) J	ND(0.11)
2-Butanone		ND(0.016)	ND(0.010)	NS	ND(0.013)	ND(0.013) J	ND(0.011)
2-Chloro-1,3-butadiene		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
2-Chloroethylvinylether		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
2-Hexanone		ND(0.016) J	ND(0.010)	NS	ND(0.013)	ND(0.013) J	ND(0.011)
3-Chloropropene		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
4-Methyl-2-pentanone		ND(0.016) J	ND(0.010)	NS	ND(0.013)	ND(0.013) J	ND(0.011)
Acetone		ND(0.032) J	ND(0.021)	NS	ND(0.025)	ND(0.026) J	ND(0.021)
Acetonitrile		ND(0.16)	ND(0.10)	NS	ND(0.13)	ND(0.13) J	ND(0.11)
Acrolein		ND(0.16) J	ND(0.10) J	NS	ND(0.13) J	ND(0.13) J	ND(0.11) J
Acrylonitrile		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
Benzene		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
Bromodichloromethane		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
Bromoform		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
Bromomethane		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
Carbon Disulfide		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
Carbon Tetrachloride		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
Chlorobenzene		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
Chloroethane		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
Chloroform		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
Chloromethane		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
cis-1,3-Dichloropropene		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
Dibromochloromethane		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
Dibromomethane		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
Dichlorodifluoromethane		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
Ethyl Methacrylate		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
Ethylbenzene		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
Iodomethane		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
Isobutanol		ND(0.16)	ND(0.10)	NS	ND(0.13)	ND(0.13) J	ND(0.11)
Methacrylonitrile		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
Methyl Methacrylate		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
Methylene Chloride		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
Propionitrile		ND(0.016) J	ND(0.010)	NS	ND(0.013)	ND(0.013) J	ND(0.011)
Styrene		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
Tetrachloroethene		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
Toluene		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
trans-1,2-Dichloroethene		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
trans-1,3-Dichloropropene		ND(0.0080) J	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
trans-1,4-Dichloro-2-butene		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
Trichloroethene		0.080	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
Trichlorofluoromethane		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
Vinyl Acetate		ND(0.0080)	ND(0.0052)	NS	ND(0.0064) J	ND(0.0065) J	ND(0.0053)
Vinyl Chloride		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)
Xylenes (total)		ND(0.0080)	ND(0.0052)	NS	ND(0.0064)	ND(0.0065) J	ND(0.0053)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-B90 1-3 10/01/02	RAA13-B96 0-1 09/26/02	RAA13-B97 3-6 10/09/02	RAA13-B97 4-6 10/09/02	RAA13-B99 1-3 10/09/02	RAA13-C3 0-1 09/26/02
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
1,2,4-Trichlorobenzene	20	ND(0.45)	ND(0.55)	NS	R	ND(0.95)
1,2-Dichlorobenzene	0.14 J	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
1,2-Diphenylhydrazine	ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
1,3,5-Trinitrobenzene	ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
1,3-Dichlorobenzene	0.18 J	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
1,3-Dinitrobenzene	ND(1.1)	ND(0.70)	ND(0.85)	NS	ND(0.87)	ND(0.95)
1,4-Dichlorobenzene	0.46 J	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
1,4-Naphthoquinone	ND(1.1)	ND(0.70)	ND(0.85)	NS	ND(0.87)	ND(0.95)
1-Naphthylamine	ND(1.1)	ND(0.70)	ND(0.85)	NS	ND(0.87)	ND(0.95)
2,3,4,6-Tetrachlorophenol	ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
2,4,5-Trichlorophenol	ND(0.53)	ND(0.45) J	ND(0.55)	NS	ND(0.44)	ND(0.95) J
2,4,6-Trichlorophenol	ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
2,4-Dichlorophenol	ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
2,4-Dimethylphenol	0.77	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
2,4-Dinitrophenol	ND(2.7)	ND(2.2)	ND(2.8)	NS	ND(2.2)	ND(4.8)
2,4-Dinitrotoluene	ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
2,6-Dichlorophenol	ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
2,6-Dinitrotoluene	ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
2-Acetylaminofluorene	ND(1.1)	ND(0.70) J	ND(0.85)	NS	ND(0.87)	ND(0.95) J
2-Chloronaphthalene	ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
2-Chlorophenol	ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
2-Methylnaphthalene	ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
2-Methylphenol	0.41 J	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
2-Naphthylamine	ND(1.1)	ND(0.70)	ND(0.85)	NS	ND(0.87)	ND(0.95)
2-Nitroaniline	ND(2.7)	ND(2.2)	ND(2.8)	NS	ND(2.2)	ND(4.8)
2-Nitrophenol	ND(1.1)	ND(0.70)	ND(0.85)	NS	ND(0.87)	ND(0.95)
2-Picoline	ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
3&4-Methylphenol	1.6	ND(0.70)	ND(0.85)	NS	ND(0.87)	ND(0.95)
3,3'-Dichlorobenzidine	ND(1.1)	ND(0.90) J	ND(1.1)	NS	ND(0.87)	ND(1.9) J
3,3'-Dimethylbenzidine	ND(0,53)	ND(0.45) J	ND(0.55)	NS	ND(0.44)	ND(0.95) J
3-Methylcholanthrene	ND(1.1)	ND(0.70)	ND(0.85)	NS	ND(0.87)	ND(0.95)
3-Nitroaniline	ND(2.7)	ND(2.2)	ND(2.8)	NS	ND(2.2)	ND(4.8)
4,6-Dinitro-2-methylphenol	ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
4-Aminobiphenyl	ND(1.1)	ND(0.70)	ND(0.85)	NS	ND(0.87)	ND(0.95)
4-Bromophenyl-phenylether	ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
4-Chloro-3-Methylphenol	ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
4-Chloroaniline	ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
4-Chlorobenzilate	ND(1.1)	ND(0.70)	ND(0.85) J	NS	ND(0.87) J	ND(0.95)
4-Chlorophenyl-phenylether	ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
4-Nitroaniline	ND(2.7)	ND(1.8)	ND(2.2)	NS	ND(2.2)	ND(1.8)
4-Nitrophenol	ND(2.7)	ND(2.2)	ND(2.8) J	NS	ND(2.2) J	ND(4.8)
4-Nitroquinoline-1-oxide	ND(1.1)	ND(0.70) J	ND(0.85)	NS	ND(0.87)	ND(0.95) J
4-Phenylenediamine	ND(1.1) J	ND(0.70) J	ND(0.85) J	NS	ND(0.87) J	ND(0.95) J
5-Nitro-o-toluidine	ND(1.1)	ND(0.70)	ND(0.85)	NS	ND(0.87)	ND(0.95)
7,12-Dimethylbenz(a)anthracene	ND(1.1)	ND(0.70)	ND(0.85)	NS	ND(0.87)	ND(0.95)
a,a'-Dimethylphenethylamine	ND(1.1) J	ND(0.70)	ND(0.85)	NS	ND(0.87)	ND(0.95)
Acenaphthene	ND(0.53)	ND(0.45)	ND(0.55)	NS	R	ND(0.95)
Acenaphthylene	ND(0.53)	ND(0.45)	ND(0.55)	NS	0.31 J	ND(0.95)
Acetophenone	ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
Aniline	2.1	0.71	ND(0.55)	NS	1.5	ND(0.95)
Anthracene	ND(0.53)	ND(0.45)	ND(0.55)	NS	0.11 J	ND(0.95)
Aramite	ND(1.1)	ND(0.70) J	ND(0.85)	NS	ND(0.87)	ND(0.95) J
Benzidine	ND(1.1) J	ND(0.90) J	ND(1.1)	NS	ND(0.87)	ND(1.9) J
Benzo(a)anthracene	0.46 J	ND(0.45)	ND(0.55)	NS	0.39 J	0.32 J
Benzo(a)pyrene	0.58	ND(0.45)	ND(0.55)	NS	0.45	0.22 J
Benzo(b)fluoranthene	0.89	ND(0.45)	ND(0.55)	NS	0.47	0.28 J
Benzo(g,h,i)perylene	0.42 J	ND(0.45)	ND(0.55)	NS	0.38 J	0.20 J

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-B90 1-3 10/01/02	RAA13-B96 0-1 09/26/02	RAA13-B97 3-6 10/09/02	RAA13-B97 4-6 10/09/02	RAA13-B99 1-3 10/09/02	RAA13-C3 0-1 09/26/02
Semivolatile Organics(continued)							
Benzo(k)fluoranthene		0.34 J	ND(0.45)	ND(0.55)	NS	0.20 J	ND(0.95)
Benzyl Alcohol		ND(1.1)	ND(0.90)	ND(1.1)	NS	ND(0.87)	ND(1.9)
bis(2-Chloroethoxy)methane		ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
bis(2-Chloroethyl)ether		ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
bis(2-Chloroisopropyl)ether		ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
bis(2-Ethylhexyl)phthalate		ND(0.52)	ND(0.34)	ND(0.42)	NS	ND(0.43)	ND(0.48)
Butylbenzylphthalate		ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
Chrysene		0.61	ND(0.45)	ND(0.55)	NS	0.33 J	0.24 J
Diallate		ND(1.1)	ND(0.70)	ND(0.85)	NS	ND(0.87)	ND(0.95)
Dibenzo(a,h)anthracene		0.12 J	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
Dibenzofuran		ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
Diethylphthalate		ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
Dimethylphthalate		ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
Di-n-Butylphthalate		ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
Di-n-Octylphthalate		ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
Diphenylamine		ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
Ethyl Methanesulfonate		ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
Fluoranthene		0.62	0.099 J	ND(0.55)	NS	0.48	0.33 J
Fluorene		ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
Hexachlorobenzene		ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
Hexachlorobutadiene		ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
Hexachlorocyclopentadiene		ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
Hexachloroethane		ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
Hexachlorophene		ND(1.1) J	ND(0.90) J	ND(1.1) J	NS	ND(0.87) J	ND(1.9) J
Hexachloropropene		ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
Indeno(1,2,3-cd)pyrene		0.34 J	ND(0.45)	ND(0.55)	NS	0.28 J	ND(0.95)
Isodrin		ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
Isophorone		ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
Isosafrole		ND(1.1)	ND(0.70)	ND(0.85)	NS	ND(0.87)	ND(0.95)
Methapyrilene		ND(1.1)	ND(0.70)	ND(0.85)	NS	ND(0.87)	ND(0.95)
Methyl Methanesulfonate		ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
Naphthalene		0.17 J	ND(0.45)	ND(0.55)	NS	0.22 J	ND(0.95)
Nitrobenzene		ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
N-Nitrosodiethylamine		ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
N-Nitrosodimethylamine		ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
N-Nitroso-di-n-butylamine		ND(1.1)	ND(0.70)	ND(0.85)	NS	ND(0.87)	ND(0.95)
N-Nitroso-di-n-propylamine		ND(0.53)	ND(0.45)	ND(0.55)	NS	R	ND(0.95)
N-Nitrosodiphenylamine		ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
N-Nitrosomethylethylamine		ND(1.1)	ND(0.70)	ND(0.85)	NS	ND(0.87)	ND(0.95)
N-Nitrosomorpholine		ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
N-Nitrosopiperidine		ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
N-Nitrosopyrrolidine		ND(1.1)	ND(0.70)	ND(0.85)	NS	ND(0.87)	ND(0.95)
o,o,o-Triethylphosphorothioate		ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
o-Toluidine		ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
p-Dimethylaminoazobenzene		ND(1.1)	ND(0.70)	ND(0.85)	NS	ND(0.87)	ND(0.95)
Pentachlorobenzene		ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
Pentachloroethane		ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
Pentachloronitrobenzene		ND(1.1)	ND(0.70)	ND(0.85)	NS	ND(0.87)	ND(0.95)
Pentachlorophenol		ND(2.7)	ND(2.2)	ND(2.8)	NS	ND(2.2)	ND(4.8)
Phenacetin		ND(1.1)	ND(0.70)	ND(0.85)	NS	ND(0.87)	ND(0.95)
Phenanthrene		0.31 J	ND(0.45)	ND(0.55)	NS	0.26 J	0.20 J
Phenol		2.0	ND(0.45)	ND(0.55)	NS	0.23 J	ND(0.95)
Pronamide		ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
Pyrene		0.71	0.12 J	ND(0.55)	NS	0.62 J	0.34 J
Pyridine		ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
Safrole		ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)
Thionazin		ND(0.53)	ND(0.45)	ND(0.55)	NS	ND(0.44)	ND(0.95)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-B90 1-3 10/01/02	RAA13-B96 0-1 09/26/02	RAA13-B97 3-6 10/09/02	RAA13-B97 4-6 10/09/02	RAA13-B99 1-3 10/09/02	RAA13-C3 0-1 09/26/02
Furans						
2,3,7,8-TCDF	0.035 YI	0.00014 Y	ND(0.00000024) X	NS	0.00059 J	0.00061 Y
TCDFs (total)	0.36 I	0.0010	0.00000082	NS	0.0027 QI	0.0043 I
1,2,3,7,8-PeCDF	0.025	0.000057	ND(0.00000013) X	NS	0.00012 J	0.00050
2,3,4,7,8-PeCDF	0.043	0.000097	0.00000018 J	NS	0.00059 J	0.00058
PeCDFs (total)	0.37 I	0.00086 QI	0.00000062	NS	0.0031 QI	0.0050 QI
1,2,3,4,7,8-HxCDF	0.068	0.00016	ND(0.00000022) X	NS	0.00034 J	0.0011
1,2,3,6,7,8-HxCDF	0.041 I	0.000084	ND(0.00000018) X	NS	0.00026 J	0.00059
1,2,3,7,8,9-HxCDF	0.0077	0.000020	ND(0.00000027)	NS	0.000083	0.00013
2,3,4,6,7,8-HxCDF	0.022	0.000082	ND(0.00000017) X	NS	0.00021 J	0.00027
HxCDFs (total)	0.32 I	0.0010 I	0.00000064	NS	0.0033	0.0042
1,2,3,4,6,7,8-HpCDF	0.070	0.00020	0.00000071 J	NS	0.00032 J	0.0010
1,2,3,4,7,8,9-HpCDF	0.012	0.000035	ND(0.00000027)	NS	0.00034 YI J	0.00021
HpCDFs (total)	0.10	0.00036	0.0000030	NS	0.0011	0.0015
OCDF	0.074	0.00013	0.0000034 J	NS	0.00031 J	0.00088
Dioxins						
2,3,7,8-TCDD	0.00026	0.00000098 J	ND(0.00000011)	NS	0.0000034	0.0000027
TCDDs (total)	0.011	0.000030	ND(0.00000015)	NS	0.000067	0.000098
1,2,3,7,8-PeCDD	0.0013	0.0000040 J	ND(0.00000027)	NS	ND(0.0000097) X	0.000011
PeCDDs (total)	0.021	0.000050 Q	ND(0.00000027)	NS	0.00010 Q	0.00017 Q
1,2,3,4,7,8-HxCDD	0.0014	0.0000040 J	ND(0.00000033)	NS	0.0000075	0.000012
1,2,3,6,7,8-HxCDD	0.0024	0.0000074	ND(0.00000030)	NS	0.000018	0.000022
1,2,3,7,8,9-HxCDD	0.0016	0.0000058	ND(0.00000030)	NS	0.000015	0.000016
HxCDDs (total)	0.031	0.000096	0.00000026	NS	0.00021	0.00028
1,2,3,4,6,7,8-HpCDD	0.011	0.000042	0.0000051	NS	0.00010	0.00012
HpCDDs (total)	0.024	0.000087	0.0000098	NS	0.00021	0.00025
OCDD	0.019	0.000076	0.000049	NS	0.00048 J	0.00020
Total TEQs (WHO TEFs)	0.043	0.00011	0.00000045	NS	0.00047	0.00062
Inorganics						
Antimony	47.0	1.30 B	ND(6.00)	NS	ND(6.00)	ND(6.00)
Arsenic	20.0 J	9.00	4.8 J	NS	5.1 J	9.30
Barium	820	27.0 J	24.0	NS	64.0	120 J
Beryllium	ND(0.500)	ND(0.500)	ND(0.500)	NS	ND(0.500)	ND(0.500)
Cadmium	160	ND(0.500)	ND(0.500)	NS	1.10	1.60
Chromium	350	9.80	8.40	NS	15.0	33.0
Cobalt	23.0	12.0	9.10	NS	7.90	11.0
Copper	9600	100	12.0	NS	180	1100
Cyanide	0.580	ND(0.100)	ND(0.130)	NS	0.440	ND(0.210)
Lead	5100	95.0 J	6.40	NS	220	800 J
Mercury	2.10	0.110	ND(0.130)	NS	0.320	0.300
Nickel	190	18.0	14.0	NS	16.0	33.0
Selenium	ND(1.20) J	ND(1.00)	ND(1.00)	NS	ND(1.00)	ND(1.00)
Silver	83.0	ND(1.00)	ND(1.00) J	NS	ND(1.00) J	0.320 B
Sulfide	69 J	30.0	18.0	NS	31.0	17.0
Thallium	3.00 J	ND(1.60) J	ND(1.90)	NS	ND(2.00)	ND(1.60) J
Tin	370	11.0	4.60 B	NS	24.0	72.0
Vanadium	39.0	6.20	8.60	NS	11.0	9.20
Zinc	9800	140	48 J	NS	260 J	780

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample/Location ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA13-C5 0-1 09/26/02	RAA13-C5 1-3 09/26/02	RAA13-C85 0-1 10/25/02	RAA13-C85 1-3 10/25/02	RAA13-C85 6-10 10/25/02
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
1,1,1-Trichloroethane	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
1,1,2,2-Tetrachloroethane	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
1,1,2-Trichloroethane	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
1,1-Dichloroethane	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
1,1-Dichloroethene	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
1,2,3-Trichloropropane	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
1,2-Dibromo-3-chloropropane	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
1,2-Dibromoethane	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
1,2-Dichloroethane	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
1,2-Dichloropropane	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
1,4-Dioxane	ND(0.12)	ND(0.12) J	ND(0.15) J	ND(0.15) J	NS
2-Butanone	ND(0.012)	ND(0.012) J	ND(0.015)	ND(0.015)	NS
2-Chloro-1,3-butadiene	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
2-Chloroethylvinylether	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
2-Hexanone	ND(0.012)	ND(0.012) J	ND(0.015)	ND(0.015)	NS
3-Chloropropene	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
4-Methyl-2-pentanone	ND(0.012)	ND(0.012) J	ND(0.015)	ND(0.015)	NS
Acetone	ND(0.024)	0.017 J	0.017 J	ND(0.030)	NS
Acetonitrile	ND(0.12)	ND(0.12) J	ND(0.15)	ND(0.15)	NS
Acrolein	ND(0.12) J	ND(0.12) J	ND(0.15) J	ND(0.15) J	NS
Acrylonitrile	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
Benzene	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
Bromodichloromethane	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
Bromoform	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
Bromomethane	ND(0.0060)	ND(0.0059) J	ND(0.0074) J	ND(0.0074) J	NS
Carbon Disulfide	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
Carbon Tetrachloride	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
Chlorobenzene	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
Chloroethane	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
Chloroform	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
Chloromethane	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
cis-1,3-Dichloropropene	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
Dibromochloromethane	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
Dibromomethane	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
Dichlorodifluoromethane	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
Ethyl Methacrylate	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
Ethylbenzene	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
Iodomethane	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
Isobutanol	ND(0.12)	ND(0.12) J	ND(0.15)	ND(0.15)	NS
Methacrylonitrile	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
Methyl Methacrylate	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
Methylene Chloride	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
Propionitrile	ND(0.012)	ND(0.012) J	ND(0.015)	ND(0.015)	NS
Styrene	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
Tetrachloroethene	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
Toluene	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
trans-1,2-Dichloroethene	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
trans-1,3-Dichloropropene	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
trans-1,4-Dichloro-2-butene	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
Trichloroethene	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
Trichlorofluoromethane	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
Vinyl Acetate	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
Vinyl Chloride	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS
Xylenes (total)	ND(0.0060)	ND(0.0059) J	ND(0.0074)	ND(0.0074)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-C5 0-1 09/26/02	RAA13-C5 1-3 09/26/02	RAA13-C85 0-1 10/25/02	RAA13-C85 1-3 10/25/02	RAA13-C85 6-10 10/25/02
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
1,2,4-Trichlorobenzene	1.0	0.56	ND(0.49)	ND(0.49)	ND(0.42)
1,2-Dichlorobenzene	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
1,2-Diphenylhydrazine	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
1,3,5-Trinitrobenzene	ND(0.40)	ND(0.40)	ND(0.49) J	ND(0.49) J	ND(0.42) J
1,3-Dichlorobenzene	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
1,3-Dinitrobenzene	ND(0.80)	ND(0.80)	ND(0.99)	ND(0.99)	ND(0.84)
1,4-Dichlorobenzene	0.085 J	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
1,4-Naphthoquinone	ND(0.80)	ND(0.80)	ND(0.99)	ND(0.99)	ND(0.84)
1-Naphthylamine	ND(0.80)	ND(0.80)	ND(0.99)	ND(0.99)	ND(0.84)
2,3,4,6-Tetrachlorophenol	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
2,4,5-Trichlorophenol	ND(0.40) J	ND(0.40) J	ND(0.49)	ND(0.49)	ND(0.42)
2,4,6-Trichlorophenol	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
2,4-Dichlorophenol	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
2,4-Dimethylphenol	0.75	0.19 J	ND(0.49)	ND(0.49)	ND(0.42)
2,4-Dinitrophenol	ND(2.0)	ND(2.0)	ND(2.5)	ND(2.5)	ND(2.1)
2,4-Dinitrotoluene	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
2,6-Dichlorophenol	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
2,6-Dinitrotoluene	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
2-Acetylaminofluorene	ND(0.80) J	ND(0.80) J	ND(0.99)	ND(0.99)	ND(0.84)
2-Chloronaphthalene	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
2-Chlorophenol	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
2-Methylnaphthalene	0.18 J	0.14 J	ND(0.49)	ND(0.49)	ND(0.42)
2-Methylphenol	0.31 J	0.099 J	ND(0.49)	ND(0.49)	ND(0.42)
2-Naphthylamine	ND(0.80)	ND(0.80)	ND(0.99)	ND(0.99)	ND(0.84)
2-Nitroaniline	ND(2.0)	ND(2.0)	ND(2.5)	ND(2.5)	ND(2.1)
2-Nitrophenol	ND(0.80)	ND(0.80)	ND(0.99)	ND(0.99)	ND(0.84)
2-Picoline	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
3&4-Methylphenol	0.91	0.25 J	ND(0.99)	ND(0.99)	ND(0.84)
3,3'-Dichlorobenzidine	ND(0.80) J	ND(0.80) J	ND(0.99)	ND(0.99)	ND(0.84)
3,3'-Dimethylbenzidine	ND(0.40) J	ND(0.40) J	ND(0.49)	ND(0.49)	ND(0.42)
3-Methylcholanthrene	ND(0.80)	ND(0.80)	ND(0.99) J	ND(0.99) J	ND(0.84) J
3-Nitroaniline	ND(2.0)	ND(2.0)	ND(2.5)	ND(2.5)	ND(2.1)
4,6-Dinitro-2-methylphenol	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
4-Aminobiphenyl	ND(0.80)	ND(0.80)	ND(0.99)	ND(0.99)	ND(0.84)
4-Bromophenyl-phenylether	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
4-Chloro-3-Methylphenol	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
4-Chloroaniline	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
4-Chlorobenzilate	ND(0.80)	ND(0.80)	ND(0.99)	ND(0.99)	ND(0.84)
4-Chlorophenyl-phenylether	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
4-Nitroaniline	ND(2.0)	ND(2.0)	ND(2.5)	ND(2.5)	ND(2.1)
4-Nitrophenol	ND(2.0)	ND(2.0)	ND(2.5)	ND(2.5)	ND(2.1)
4-Nitroquinoline-1-oxide	ND(0.80) J	ND(0.80) J	ND(0.99) J	ND(0.99) J	ND(0.84) J
4-Phenylenediamine	ND(0.80) J	ND(0.80) J	ND(0.99) J	ND(0.99) J	ND(0.84) J
5-Nitro-o-toluidine	ND(0.80)	ND(0.80)	ND(0.99)	ND(0.99)	ND(0.84)
7,12-Dimethylbenz(a)anthracene	ND(0.80)	ND(0.80)	ND(0.99)	ND(0.99)	ND(0.84)
a,a'-Dimethylphenethylamine	ND(0.80)	ND(0.80)	ND(0.99)	ND(0.99)	ND(0.84)
Acenaphthene	0.35 J	0.14 J	ND(0.49)	ND(0.49)	ND(0.42)
Acenaphthylene	0.12 J	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
Acetophenone	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
Aniline	1.6	0.27 J	0.39 J	ND(0.49)	ND(0.42)
Anthracene	1.2	0.46	ND(0.49)	ND(0.49)	ND(0.42)
Aramite	ND(0.80) J	ND(0.80) J	ND(0.99)	ND(0.99)	ND(0.84)
Benzidine	ND(0.80) J	ND(0.80) J	ND(0.99) J	ND(0.99) J	ND(0.84) J
Benzo(a)anthracene	4.8	ND(0.40)	0.21 J	ND(0.49)	ND(0.42)
Benzo(a)pyrene	3.7	0.93	0.18 J	ND(0.49)	ND(0.42)
Benzo(b)fluoranthene	4.9	1.5	0.26 J	ND(0.49)	ND(0.42)
Benzo(g,h,i)perylene	2.4	0.48	0.14 J	ND(0.49)	ND(0.42)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-C5 0-1 09/26/02	RAA13-C5 1-3 09/26/02	RAA13-C85 0-1 10/25/02	RAA13-C85 1-3 10/25/02	RAA13-C85 6-10 10/25/02
Semivolatile Organics(continued)					
Benzo(k)fluoranthene	1.7	0.50	0.12 J	ND(0.49)	ND(0.42)
Benzyl Alcohol	ND(0.80)	ND(0.80)	ND(0.99)	ND(0.99)	ND(0.84)
bis(2-Chloroethoxy)methane	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
bis(2-Chloroethyl)ether	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
bis(2-Chloroisopropyl)ether	ND(0.40)	ND(0.40)	ND(0.49) J	ND(0.49) J	ND(0.42) J
bis(2-Ethylhexyl)phthalate	ND(0.39)	ND(0.39)	ND(0.49)	ND(0.49)	ND(0.41)
Butylbenzylphthalate	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
Chrysene	4.0	ND(0.40)	0.28 J	ND(0.49)	ND(0.42)
Diallate	ND(0.80)	ND(0.80)	ND(0.99)	ND(0.99)	ND(0.84)
Dibenzo(a,h)anthracene	0.68	0.19 J	ND(0.49)	ND(0.49)	ND(0.42)
Dibenzofuran	0.27 J	0.17 J	ND(0.49)	ND(0.49)	ND(0.42)
Diethylphthalate	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
Dimethylphthalate	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
Di-n-Butylphthalate	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
Di-n-Octylphthalate	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
Diphenylamine	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
Ethyl Methanesulfonate	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
Fluoranthene	7.8	2.9	0.48 J	ND(0.49)	ND(0.42)
Fluorene	0.43	0.22 J	ND(0.49)	ND(0.49)	ND(0.42)
Hexachlorobenzene	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
Hexachlorobutadiene	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
Hexachlorocyclopentadiene	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
Hexachloroethane	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
Hexachlorophene	ND(0.80) J	ND(0.80) J	ND(0.99) J	ND(0.99) J	ND(0.84) J
Hexachloropropene	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
Indeno(1,2,3-cd)pyrene	2.1	0.45	0.11 J	ND(0.49)	ND(0.42)
Isodrin	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
Isophorone	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
Isosafrole	ND(0.80)	ND(0.80)	ND(0.99)	ND(0.99)	ND(0.84)
Methapyrilene	ND(0.80)	ND(0.80)	ND(0.99) J	ND(0.99) J	ND(0.84) J
Methyl Methanesulfonate	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
Naphthalene	0.37 J	0.28 J	ND(0.49)	ND(0.49)	ND(0.42)
Nitrobenzene	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
N-Nitrosodiethylamine	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
N-Nitrosodimethylamine	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
N-Nitroso-di-n-butylamine	ND(0.80)	ND(0.80)	ND(0.99)	ND(0.99)	ND(0.84)
N-Nitroso-di-n-propylamine	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
N-Nitrosodiphenylamine	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
N-Nitrosomethylethylamine	ND(0.80)	ND(0.80)	ND(0.99)	ND(0.99)	ND(0.84)
N-Nitrosomorpholine	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
N-Nitrosopiperidine	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
N-Nitrosopyrrolidine	ND(0.80)	ND(0.80)	ND(0.99)	ND(0.99)	ND(0.84)
o,o,o-Triethylphosphorothioate	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
o-Toluidine	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
p-Dimethylaminoazobenzene	ND(0.80)	ND(0.80)	ND(0.99)	ND(0.99)	ND(0.84)
Pentachlorobenzene	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
Pentachloroethane	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
Pentachloronitrobenzene	ND(0.80)	ND(0.80)	ND(0.99)	ND(0.99)	ND(0.84)
Pentachlorophenol	ND(2.0)	ND(2.0)	ND(2.5)	ND(2.5)	ND(2.1)
Phenacetin	ND(0.80)	ND(0.80)	ND(0.99)	ND(0.99)	ND(0.84)
Phenanthrene	4.4	1.8	0.24 J	ND(0.49)	ND(0.42)
Phenol	0.98	0.25 J	ND(0.49)	ND(0.49)	ND(0.42)
Pronamide	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
Pyrene	7.4	2.6	0.61	ND(0.49)	ND(0.42)
Pyridine	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
Safrole	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)
Thionazin	ND(0.40)	ND(0.40)	ND(0.49)	ND(0.49)	ND(0.42)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-C5 0-1 09/26/02	RAA13-C5 1-3 09/26/02	RAA13-C85 0-1 10/25/02	RAA13-C85 1-3 10/25/02	RAA13-C85 6-10 10/25/02
Furans					
2,3,7,8-TCDF	0.0090 YEJ	0.0046 YEJ	0.000063 Y	0.000016 Y	ND(0.00000020)
TCDFs (total)	0.067	0.028 Q	0.00045	0.00015	0.000000089
1,2,3,7,8-PeCDF	0.010 EIJ	0.0032 EJ	0.000025	0.0000058 J	ND(0.00000013) X
2,3,4,7,8-PeCDF	0.0087 EIJ	0.0038 EJ	0.000026	0.0000061	0.00000017 J
PeCDFs (total)	0.078 QI	0.032 IQ	0.00027	0.000067	0.00000028
1,2,3,4,7,8-HxCDF	0.017 EIJ	0.0067 EIJ	0.000030	0.0000062	0.00000013 J
1,2,3,6,7,8-HxCDF	0.0099 EIJ	0.0034 EIJ	0.000018	0.0000035 J	ND(0.000000097) X
1,2,3,7,8,9-HxCDF	0.0027 J	0.00082	0.0000034 J	0.00000078 J	ND(0.00000051)
2,3,4,6,7,8-HxCDF	0.0040 J	0.0016	0.000012	0.0000026 J	ND(0.00000051)
HxCDFs (total)	0.066 I	0.025 I	0.00019	0.000038	0.00000013
1,2,3,4,6,7,8-HpCDF	0.014 EIJ	0.0058 EJ	0.000048	0.0000079	0.00000025 J
1,2,3,4,7,8,9-HpCDF	0.0032 J	0.0013	0.0000065	0.0000011 J	ND(0.00000051)
HpCDFs (total)	0.021 I	0.0088 I	0.000086	0.000013	0.00000025
OCDF	0.011 J	0.0069 EJ	0.000046	0.0000086 J	0.00000049 J
Dioxins					
2,3,7,8-TCDD	0.000050 J	0.000050	ND(0.00000078) X	ND(0.00000040) X	ND(0.00000020)
TCDDs (total)	0.0013	0.00066	0.000011	0.0000052	ND(0.00000042)
1,2,3,7,8-PeCDD	0.00016 J	0.00016	ND(0.0000012) X	ND(0.00000027) X	ND(0.00000051)
PeCDDs (total)	0.0021 Q	0.0014 Q	0.000013	0.0000036	0.00000034
1,2,3,4,7,8-HxCDD	0.00015 J	0.00012	0.00000072 J	ND(0.00000028) X	ND(0.00000051)
1,2,3,6,7,8-HxCDD	0.00025 J	0.00021	0.0000020 J	ND(0.00000042) X	ND(0.00000051)
1,2,3,7,8,9-HxCDD	0.00020 J	0.00017	0.0000018 J	0.00000038 J	ND(0.00000051)
HxCDDs (total)	0.0033	0.0024	0.000025	0.0000030	ND(0.00000074)
1,2,3,4,6,7,8-HpCDD	0.0012 J	0.00078	0.000016	0.0000026 J	0.00000046 J
HpCDDs (total)	0.0025	0.0015	0.000034	0.0000055	0.00000079
OCDD	0.0021 J	0.0010	0.00017	0.000020	0.0000026 J
Total TEQs (WHO TEFs)	0.0096	0.0041	0.000029	0.0000068	0.00000061
Inorganics					
Antimony	26.0	51.0	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic	27.0	38.0	9.80	15.0	7.90
Barium	1100 J	1000 J	84.0	120	ND(20.0)
Beryllium	ND(0.500)	ND(0.500)	0.550	1.10	ND(0.500)
Cadmium	17.0	19.0	1.10	1.20	ND(0.500)
Chromium	200	200	24.0 J	19.0 J	9.60 J
Cobalt	17.0	21.0	10.0	22.0	12.0
Copper	6900	9600	47.0 J	48.0 J	34.0 J
Cyanide	0.560	1.80	0.130 B	ND(0.150)	ND(0.120)
Lead	8300 J	10000 J	97.0	26.0	12.0
Mercury	3.10	2.00	0.620	0.0650 B	ND(0.120)
Nickel	150	220	18.0 J	38.0 J	20.0 J
Selenium	ND(1.00)	ND(1.00)	1.20	ND(1.10)	ND(1.00)
Silver	4.50	ND(1.00)	0.910 B	ND(1.10)	ND(1.00)
Sulfide	170	51.0	26.0 J	24.0 J	18.0 J
Thallium	6.10 J	7.90 J	ND(2.20)	1.70 B	ND(1.90)
Tin	460	1000	ND(11.0)	5.10 B	3.90 B
Vanadium	19.0	28.0	15.0 J	19.0 J	6.80 J
Zinc	7600	11000	130 J	120 J	54.0 J

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-C85 8-10 10/25/02	RAA13-C87 0-1 10/24/02	RAA13-C87 3-6 10/24/02	RAA13-C87 4-6 10/24/02	RAA13-C92 0-1 10/01/02
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
1,1,1-Trichloroethane	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
1,1,2,2-Tetrachloroethane	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
1,1,2-Trichloroethane	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
1,1-Dichloroethane	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
1,1-Dichloroethene	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
1,2,3-Trichloropropane	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
1,2-Dibromo-3-chloropropane	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
1,2-Dibromoethane	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
1,2-Dichloroethane	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
1,2-Dichloropropane	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
1,4-Dioxane	ND(0.12) J	ND(0.13)	NS	ND(0.14)	ND(0.14) J
2-Butanone	ND(0.012)	ND(0.013)	NS	ND(0.014)	ND(0.014)
2-Chloro-1,3-butadiene	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
2-Chloroethylvinylether	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
2-Hexanone	ND(0.012)	ND(0.013)	NS	ND(0.014)	ND(0.014) J
3-Chloropropene	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
4-Methyl-2-pentanone	ND(0.012)	ND(0.013)	NS	ND(0.014)	ND(0.014) J
Acetone	ND(0.025)	ND(0.026)	NS	ND(0.027)	0.016 J
Acetonitrile	ND(0.12)	ND(0.13)	NS	ND(0.14)	ND(0.14)
Acrolein	ND(0.12) J	ND(0.13) J	NS	ND(0.14) J	ND(0.14) J
Acrylonitrile	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
Benzene	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
Bromodichloromethane	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
Bromoform	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
Bromomethane	ND(0.0062) J	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
Carbon Disulfide	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
Carbon Tetrachloride	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
Chlorobenzene	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
Chloroethane	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
Chloroform	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
Chloromethane	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
cis-1,3-Dichloropropene	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
Dibromochloromethane	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
Dibromomethane	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
Dichlorodifluoromethane	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
Ethyl Methacrylate	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
Ethylbenzene	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
Iodomethane	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
Isobutanol	ND(0.12)	ND(0.13)	NS	ND(0.14)	ND(0.14)
Methacrylonitrile	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
Methyl Methacrylate	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
Methylene Chloride	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
Propionitrile	ND(0.012)	ND(0.013) J	NS	ND(0.014) J	ND(0.014) J
Styrene	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
Tetrachloroethene	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
Toluene	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
trans-1,2-Dichloroethene	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
trans-1,3-Dichloropropene	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071) J
trans-1,4-Dichloro-2-butene	ND(0.0062)	ND(0.0065) J	NS	ND(0.0068) J	ND(0.0071)
Trichloroethene	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	0.14
Trichlorofluoromethane	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
Vinyl Acetate	ND(0.0062)	ND(0.0065) J	NS	ND(0.0068) J	ND(0.0071)
Vinyl Chloride	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)
Xylenes (total)	ND(0.0062)	ND(0.0065)	NS	ND(0.0068)	ND(0.0071)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-C85 8-10 10/25/02	RAA13-C87 0-1 10/24/02	RAA13-C87 3-6 10/24/02	RAA13-C87 4-6 10/24/02	RAA13-C92 0-1 10/01/02
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
1,2,4-Trichlorobenzene	NS	ND(0.44)	ND(0.50)	NS	0.63
1,2-Dichlorobenzene	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
1,2-Diphenylhydrazine	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
1,3,5-Trinitrobenzene	NS	ND(0.44) J	ND(0.50) J	NS	ND(0.47)
1,3-Dichlorobenzene	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
1,3-Dinitrobenzene	NS	ND(0.88)	ND(0.91)	NS	ND(0.95)
1,4-Dichlorobenzene	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
1,4-Naphthoquinone	NS	ND(0.88)	ND(0.91)	NS	ND(0.95)
1-Naphthylamine	NS	ND(0.88)	ND(0.91)	NS	ND(0.95)
2,3,4,6-Tetrachlorophenol	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
2,4,5-Trichlorophenol	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
2,4,6-Trichlorophenol	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
2,4-Dichlorophenol	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
2,4-Dimethylphenol	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
2,4-Dinitrophenol	NS	ND(2.2)	ND(2.5)	NS	ND(2.4)
2,4-Dinitrotoluene	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
2,6-Dichlorophenol	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
2,6-Dinitrotoluene	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
2-Acetylaminofluorene	NS	ND(0.88) J	ND(0.91) J	NS	ND(0.95)
2-Chloronaphthalene	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
2-Chlorophenol	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
2-Methylnaphthalene	NS	0.41 J	1.4	NS	ND(0.47)
2-Methylphenol	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
2-Naphthylamine	NS	ND(0.88)	ND(0.91)	NS	ND(0.95)
2-Nitroaniline	NS	ND(2.2)	ND(2.5)	NS	ND(2.4)
2-Nitrophenol	NS	ND(0.88)	ND(0.91)	NS	ND(0.95)
2-Picoline	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
3&4-Methylphenol	NS	ND(0.88)	ND(0.91)	NS	0.33 J
3,3'-Dichlorobenzidine	NS	ND(0.88)	ND(1.0)	NS	ND(0.95)
3,3'-Dimethylbenzidine	NS	ND(0.44) J	ND(0.50) J	NS	ND(0.47)
3-Methylcholanthrene	NS	ND(0.88)	ND(0.91)	NS	ND(0.95)
3-Nitroaniline	NS	ND(2.2)	ND(2.5)	NS	ND(2.4)
4,6-Dinitro-2-methylphenol	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
4-Aminobiphenyl	NS	ND(0.88)	ND(0.91)	NS	ND(0.95)
4-Bromophenyl-phenylether	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
4-Chloro-3-Methylphenol	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
4-Chloroaniline	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
4-Chlorobenzilate	NS	ND(0.88)	ND(0.91)	NS	ND(0.95)
4-Chlorophenyl-phenylether	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
4-Nitroaniline	NS	ND(2.2)	ND(2.3)	NS	ND(2.4)
4-Nitrophenol	NS	ND(2.2)	ND(2.5)	NS	ND(2.4)
4-Nitroquinoline-1-oxide	NS	ND(0.88) J	ND(0.91) J	NS	ND(0.95)
4-Phenylenediamine	NS	ND(0.88) J	ND(0.91) J	NS	ND(0.95) J
5-Nitro-o-toluidine	NS	ND(0.88)	ND(0.91)	NS	ND(0.95)
7,12-Dimethylbenz(a)anthracene	NS	ND(0.88)	ND(0.91)	NS	ND(0.95)
a,a'-Dimethylphenethylamine	NS	ND(0.88)	ND(0.91)	NS	ND(0.95) J
Acenaphthene	NS	1.1	4.1	NS	ND(0.47)
Acenaphthylene	NS	ND(0.44)	2.9	NS	ND(0.47)
Acetophenone	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
Aniline	NS	ND(0.44)	ND(0.50)	NS	0.39 J
Anthracene	NS	1.6	6.4	NS	0.17 J
Aramite	NS	ND(0.88) J	ND(0.91) J	NS	ND(0.95)
Benzidine	NS	ND(0.88) J	ND(1.0) J	NS	ND(0.95) J
Benzo(a)anthracene	NS	2.2	7.7	NS	0.46 J
Benzo(a)pyrene	NS	1.5	5.6	NS	ND(0.47)
Benzo(b)fluoranthene	NS	1.8	6.0	NS	0.50
Benzo(g,h,i)perylene	NS	0.86	2.9	NS	0.26 J

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-C85 8-10 10/25/02	RAA13-C87 0-1 10/24/02	RAA13-C87 3-6 10/24/02	RAA13-C87 4-6 10/24/02	RAA13-C92 0-1 10/01/02
Semivolatile Organics(continued)					
Benzo(k)fluoranthene	NS	0.77	2.8	NS	0.19 J
Benzyl Alcohol	NS	ND(0.88)	ND(1.0)	NS	ND(0.95)
bis(2-Chloroethoxy)methane	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
bis(2-Chloroethyl)ether	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
bis(2-Chloroisopropyl)ether	NS	ND(0.44) J	ND(0.50) J	NS	ND(0.47)
bis(2-Ethylhexyl)phthalate	NS	ND(0.43)	ND(0.45)	NS	ND(0.47)
Butylbenzylphthalate	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
Chrysene	NS	1.6	5.4	NS	0.59
Diallate	NS	ND(0.88)	ND(0.91)	NS	ND(0.95)
Dibenzo(a,h)anthracene	NS	ND(0.44)	0.66	NS	ND(0.47)
Dibenzofuran	NS	0.45	1.6	NS	ND(0.47)
Diethylphthalate	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
Dimethylphthalate	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
Di-n-Butylphthalate	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
Di-n-Octylphthalate	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
Diphenylamine	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
Ethyl Methanesulfonate	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
Fluoranthene	NS	4.6	16	NS	0.98
Fluorene	NS	0.85	3.1	NS	ND(0.47)
Hexachlorobenzene	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
Hexachlorobutadiene	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
Hexachlorocyclopentadiene	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
Hexachloroethane	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
Hexachlorophene	NS	ND(0.88) J	ND(1.0) J	NS	ND(0.95) J
Hexachloropropene	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
Indeno(1,2,3-cd)pyrene	NS	0.66	2.5	NS	0.18 J
Isodrin	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
Isophorone	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
Isosafrole	NS	ND(0.88)	ND(0.91)	NS	ND(0.95)
Methapyrilene	NS	ND(0.88) J	ND(0.91) J	NS	ND(0.95)
Methyl Methanesulfonate	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
Naphthalene	NS	1.4	4.3	NS	ND(0.47)
Nitrobenzene	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
N-Nitrosodiethylamine	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
N-Nitrosodimethylamine	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
N-Nitroso-di-n-butylamine	NS	ND(0.88)	ND(0.91)	NS	ND(0.95)
N-Nitroso-di-n-propylamine	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
N-Nitrosodiphenylamine	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
N-Nitrosomethylethylamine	NS	ND(0.88)	ND(0.91)	NS	ND(0.95)
N-Nitrosomorpholine	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
N-Nitrosopiperidine	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
N-Nitrosopyrrolidine	NS	ND(0.88)	ND(0.91)	NS	ND(0.95)
o,o,o-Triethylphosphorothioate	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
o-Toluidine	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
p-Dimethylaminoazobenzene	NS	ND(0.88)	ND(0.91)	NS	ND(0.95)
Pentachlorobenzene	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
Pentachloroethane	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
Pentachloronitrobenzene	NS	ND(0.88)	ND(0.91)	NS	ND(0.95)
Pentachlorophenol	NS	ND(2.2)	ND(2.5)	NS	ND(2.4)
Phenacetin	NS	ND(0.88)	ND(0.91)	NS	ND(0.95)
Phenanthrene	NS	4.6	16	NS	0.73
Phenol	NS	ND(0.44)	ND(0.50)	NS	0.70
Pronamide	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
Pyrene	NS	4.3	15	NS	1.2
Pyridine	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
Safrole	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)
Thionazin	NS	ND(0.44)	ND(0.50)	NS	ND(0.47)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-C85 8-10 10/25/02	RAA13-C87 0-1 10/24/02	RAA13-C87 3-6 10/24/02	RAA13-C87 4-6 10/24/02	RAA13-C92 0-1 10/01/02
Furans						
2,3,7,8-TCDF		NS	0.000054 Y	0.000016 Y	NS	0.0015 Y
TCDFs (total)		NS	0.00056 I	0.00019	NS	0.014 I
1,2,3,7,8-PeCDF		NS	0.000017 J	0.000010 J	NS	0.0012
2,3,4,7,8-PeCDF		NS	0.000086	0.000032	NS	0.0021
PeCDFs (total)		NS	0.0014 I	0.00046	NS	0.024 I
1,2,3,4,7,8-HxCDF		NS	0.000095	0.000037	NS	0.0045
1,2,3,6,7,8-HxCDF		NS	0.000061	0.000023	NS	0.0026
1,2,3,7,8,9-HxCDF		NS	ND(0.000021) X	0.0000086 J	NS	0.00072
2,3,4,6,7,8-HxCDF		NS	0.00012	0.000044	NS	0.0016
HxCDFs (total)		NS	0.0020	0.00076	NS	0.026 I
1,2,3,4,6,7,8-HpCDF		NS	0.00017	0.000059	NS	0.0035
1,2,3,4,7,8,9-HpCDF		NS	0.000027	0.0000076 J	NS	0.00097
HpCDFs (total)		NS	0.00057	0.00018	NS	0.0070
OCDF		NS	0.000086	0.000030 J	NS	0.0054
Dioxins						
2,3,7,8-TCDD		NS	ND(0.0000011)	ND(0.0000013)	NS	0.000040
TCDDs (total)		NS	ND(0.0000027)	ND(0.0000024)	NS	0.00032
1,2,3,7,8-PeCDD		NS	ND(0.0000016) X	ND(0.0000023)	NS	ND(0.00011) X
PeCDDs (total)		NS	ND(0.0000016)	ND(0.0000046)	NS	0.00056
1,2,3,4,7,8-HxCDD		NS	ND(0.0000031)	ND(0.0000040)	NS	0.000036
1,2,3,6,7,8-HxCDD		NS	0.0000018 J	ND(0.0000031)	NS	0.000094
1,2,3,7,8,9-HxCDD		NS	ND(0.0000027)	ND(0.0000035)	NS	0.00019
HxCDDs (total)		NS	0.000012	0.0000066	NS	0.0014
1,2,3,4,6,7,8-HpCDD		NS	0.000014 J	0.0000084 J	NS	0.00037
HpCDDs (total)		NS	0.000028	0.000015	NS	0.00091
OCDD		NS	0.000056	0.000028 J	NS	0.00080
Total TEQs (WHO TEFs)		NS	0.000082	0.000032	NS	0.0024
Inorganics						
Antimony		NS	ND(6.00)	1.60 B	NS	ND(6.00)
Arsenic		NS	9.10	12.0	NS	13.0 J
Barium		NS	34.0	51.0	NS	160
Beryllium		NS	ND(0.500)	ND(0.500)	NS	ND(0.500)
Cadmium		NS	0.510	1.00	NS	1.20
Chromium		NS	10.0	19.0	NS	22.0
Cobalt		NS	11.0	17.0	NS	12.0
Copper		NS	44.0	40.0	NS	320
Cyanide		NS	ND(0.130)	ND(0.140)	NS	ND(0.280)
Lead		NS	47.0	36.0	NS	310
Mercury		NS	0.140	0.0910 B	NS	0.340
Nickel		NS	18.0	28.0	NS	26.0
Selenium		NS	ND(1.00) J	ND(1.00) J	NS	ND(1.10) J
Silver		NS	ND(1.00)	ND(1.00)	NS	ND(1.10)
Sulfide		NS	19.0	24.0	NS	41 J
Thallium		NS	ND(2.00) J	ND(2.00) J	NS	ND(1.80) J
Tin		NS	ND(10.0)	ND(10.0)	NS	61.0
Vanadium		NS	8.80	19.0	NS	14.0
Zinc		NS	78.0 J	98.0 J	NS	300

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-C96 0-1 09/26/02	RAA13-C98 0-1 10/09/02	RAA13-D87 0-1 10/24/02	RAA13-D87 1-3 10/24/02
Volatile Organics					
1,1,1,2-Tetrachloroethane		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
1,1,1-Trichloroethane		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
1,1,2,2-Tetrachloroethane		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
1,1,2-Trichloroethane		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
1,1-Dichloroethane		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
1,1-Dichloroethene		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
1,2,3-Trichloropropane		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
1,2-Dibromo-3-chloropropane		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
1,2-Dibromoethane		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
1,2-Dichloroethane		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
1,2-Dichloropropane		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
1,4-Dioxane		ND(0.10)	ND(0.13) [ND(0.13)]	ND(0.14)	ND(0.15)
2-Butanone		ND(0.010)	ND(0.013) [ND(0.013)]	ND(0.014)	ND(0.015)
2-Chloro-1,3-butadiene		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
2-Chloroethylvinylether		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
2-Hexanone		ND(0.010)	ND(0.013) [ND(0.013)]	ND(0.014)	ND(0.015)
3-Chloropropene		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
4-Methyl-2-pentanone		ND(0.010)	ND(0.013) [ND(0.013)]	ND(0.014)	ND(0.015)
Acetone		ND(0.021)	ND(0.027) [ND(0.026)]	ND(0.028)	ND(0.030)
Acetonitrile		ND(0.10)	ND(0.13) [ND(0.13)]	ND(0.14)	ND(0.15)
Acrolein		ND(0.10) J	ND(0.13) J [ND(0.13) J]	ND(0.14) J	ND(0.15) J
Acrylonitrile		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
Benzene		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
Bromodichloromethane		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
Bromoform		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
Bromomethane		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
Carbon Disulfide		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
Carbon Tetrachloride		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
Chlorobenzene		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
Chloroethane		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
Chloroform		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
Chloromethane		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
cis-1,3-Dichloropropene		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
Dibromochloromethane		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
Dibromomethane		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
Dichlorodifluoromethane		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
Ethyl Methacrylate		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
Ethylbenzene		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
Iodomethane		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
Isobutanol		ND(0.10)	ND(0.13) [ND(0.13)]	ND(0.14)	ND(0.15)
Methacrylonitrile		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
Methyl Methacrylate		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
Methylene Chloride		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
Propionitrile		ND(0.010)	ND(0.013) [ND(0.013)]	ND(0.014) J	ND(0.015) J
Styrene		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
Tetrachloroethene		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
Toluene		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
trans-1,2-Dichloroethene		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
trans-1,3-Dichloropropene		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
trans-1,4-Dichloro-2-butene		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070) J	ND(0.0074) J
Trichloroethene		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
Trichlorofluoromethane		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
Vinyl Acetate		ND(0.0052)	ND(0.0067) J [ND(0.0066) J]	ND(0.0070) J	ND(0.0074) J
Vinyl Chloride		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)
Xylenes (total)		ND(0.0052)	ND(0.0067) [ND(0.0066)]	ND(0.0070)	ND(0.0074)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-C96 0-1 09/26/02	RAA13-C98 0-1 10/09/02	RAA13-D87 0-1 10/24/02	RAA13-D87 1-3 10/24/02
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
1,2,4-Trichlorobenzene	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
1,2-Dichlorobenzene	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
1,2-Diphenylhydrazine	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
1,3,5-Trinitrobenzene	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47) J	ND(0.49) J
1,3-Dichlorobenzene	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
1,3-Dinitrobenzene	ND(0.70)	ND(0.90) [ND(0.89)]	ND(0.94)	ND(0.99)
1,4-Dichlorobenzene	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
1,4-Naphthoquinone	ND(0.70)	ND(0.90) [ND(0.89)]	ND(0.94)	ND(0.99)
1-Naphthylamine	ND(0.70)	ND(0.90) [ND(0.89)]	ND(0.94)	ND(0.99)
2,3,4,6-Tetrachlorophenol	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
2,4,5-Trichlorophenol	ND(0.35) J	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
2,4,6-Trichlorophenol	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
2,4-Dichlorophenol	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
2,4-Dimethylphenol	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
2,4-Dinitrophenol	ND(1.8)	ND(2.7) [ND(2.2)]	ND(2.4)	ND(2.5)
2,4-Dinitrotoluene	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
2,6-Dichlorophenol	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
2,6-Dinitrotoluene	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
2-Acetylaminofluorene	ND(0.70) J	ND(0.90) [ND(0.89)]	ND(0.94) J	ND(0.99) J
2-Chloronaphthalene	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
2-Chlorophenol	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
2-Methylnaphthalene	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
2-Methylphenol	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
2-Naphthylamine	ND(0.70)	ND(0.90) [ND(0.89)]	ND(0.94)	ND(0.99)
2-Nitroaniline	ND(1.8)	ND(2.7) [ND(2.2)]	ND(2.4)	ND(2.5)
2-Nitrophenol	ND(0.70)	ND(0.90) [ND(0.89)]	ND(0.94)	ND(0.99)
2-Picoline	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
3&4-Methylphenol	ND(0.70)	ND(0.90) [ND(0.89)]	ND(0.94)	ND(0.99)
3,3'-Dichlorobenzidine	ND(0.70) J	ND(1.1) [ND(0.89)]	ND(0.94)	ND(0.99)
3,3'-Dimethylbenzidine	ND(0.35) J	ND(0.53) [ND(0.44)]	ND(0.47) J	ND(0.49) J
3-Methylcholanthrene	ND(0.70)	ND(0.90) [ND(0.89)]	ND(0.94)	ND(0.99)
3-Nitroaniline	ND(1.8)	ND(2.7) [ND(2.2)]	ND(2.4)	ND(2.5)
4,6-Dinitro-2-methylphenol	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
4-Aminobiphenyl	ND(0.70)	ND(0.90) [ND(0.89)]	ND(0.94)	ND(0.99)
4-Bromophenyl-phenylether	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
4-Chloro-3-Methylphenol	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
4-Chloroaniline	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
4-Chlorobenzilate	ND(0.70)	ND(0.90) J [ND(0.89) J]	ND(0.94)	ND(0.99)
4-Chlorophenyl-phenylether	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
4-Nitroaniline	ND(1.8)	ND(2.3) [ND(2.2)]	ND(2.4)	ND(2.5)
4-Nitrophenol	ND(1.8)	ND(2.7) J [ND(2.2) J]	ND(2.4)	ND(2.5)
4-Nitroquinoline-1-oxide	ND(0.70) J	ND(0.90) [ND(0.89)]	ND(0.94) J	ND(0.99) J
4-Phenylenediamine	ND(0.70) J	ND(0.90) J [ND(0.89) J]	ND(0.94) J	ND(0.99) J
5-Nitro-o-toluidine	ND(0.70)	ND(0.90) [ND(0.89)]	ND(0.94)	ND(0.99)
7,12-Dimethylbenz(a)anthracene	ND(0.70)	ND(0.90) [ND(0.89)]	ND(0.94)	ND(0.99)
a,a'-Dimethylphenethylamine	ND(0.70)	ND(0.90) [ND(0.89)]	ND(0.94)	ND(0.99)
Acenaphthene	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
Acenaphthylene	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
Acetophenone	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
Aniline	0.19 J	1.3 [1.3]	0.17 J	ND(0.49)
Anthracene	0.16 J	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
Aramite	ND(0.70) J	ND(0.90) [ND(0.89)]	ND(0.94) J	ND(0.99) J
Benzidine	ND(0.70) J	ND(1.1) [ND(0.89)]	ND(0.94) J	ND(0.99) J
Benzo(a)anthracene	0.65	ND(0.53) [ND(0.44)]	0.20 J	ND(0.49)
Benzo(a)pyrene	0.50	ND(0.53) [ND(0.44)]	0.14 J	ND(0.49)
Benzo(b)fluoranthene	0.57	0.11 J [ND(0.44)]	0.34 J	ND(0.49)
Benzo(g,h,i)perylene	0.36	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample/Location ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA13-C96 0-1 09/26/02	RAA13-C98 0-1 10/09/02	RAA13-D87 0-1 10/24/02	RAA13-D87 1-3 10/24/02
Semivolatile Organics(continued)				
Benzo(k)fluoranthene	0.21 J	ND(0.53) [ND(0.44)]	0.11 J	ND(0.49)
Benzyl Alcohol	ND(0.70)	ND(1.1) [ND(0.89)]	ND(0.94)	ND(0.99)
bis(2-Chloroethoxy)methane	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
bis(2-Chloroethyl)ether	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
bis(2-Chloroisopropyl)ether	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47) J	ND(0.49) J
bis(2-Ethylhexyl)phthalate	ND(0.34)	ND(0.44) [ND(0.44)]	ND(0.46)	ND(0.49)
Butylbenzylphthalate	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
Chrysene	0.40	ND(0.53) [ND(0.44)]	0.33 J	ND(0.49)
Diallate	ND(0.70)	ND(0.90) [ND(0.89)]	ND(0.94)	ND(0.99)
Dibenzo(a,h)anthracene	0.078 J	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
Dibenzofuran	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
Diethylphthalate	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
Dimethylphthalate	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
Di-n-Butylphthalate	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
Di-n-Octylphthalate	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
Diphenylamine	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
Ethyl Methanesulfonate	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
Fluoranthene	1.2	0.15 J [0.11 J]	0.80	ND(0.49)
Fluorene	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
Hexachlorobenzene	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
Hexachlorobutadiene	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
Hexachlorocyclopentadiene	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
Hexachloroethane	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
Hexachlorophene	ND(0.70) J	ND(1.1) J [ND(0.89) J]	ND(0.94) J	ND(0.99) J
Hexachloropropene	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
Indeno(1,2,3-cd)pyrene	0.28 J	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
Isodrin	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
Isophorone	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
Isosafrole	ND(0.70)	ND(0.90) [ND(0.89)]	ND(0.94)	ND(0.99)
Methapyrilene	ND(0.70)	ND(0.90) [ND(0.89)]	ND(0.94) J	ND(0.99) J
Methyl Methanesulfonate	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
Naphthalene	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
Nitrobenzene	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
N-Nitrosodiethylamine	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
N-Nitrosodimethylamine	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
N-Nitroso-di-n-butylamine	ND(0.70)	ND(0.90) [ND(0.89)]	ND(0.94)	ND(0.99)
N-Nitroso-di-n-propylamine	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
N-Nitrosodiphenylamine	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
N-Nitrosomethylethylamine	ND(0.70)	ND(0.90) [ND(0.89)]	ND(0.94)	ND(0.99)
N-Nitrosomorpholine	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
N-Nitrosopiperidine	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
N-Nitrosopyrrolidine	ND(0.70)	ND(0.90) [ND(0.89)]	ND(0.94)	ND(0.99)
o,o,o-Triethylphosphorothioate	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
o-Toluidine	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
p-Dimethylaminoazobenzene	ND(0.70)	ND(0.90) [ND(0.89)]	ND(0.94)	ND(0.99)
Pentachlorobenzene	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
Pentachloroethane	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
Pentachloronitrobenzene	ND(0.70)	ND(0.90) [ND(0.89)]	ND(0.94)	ND(0.99)
Pentachlorophenol	ND(1.8)	ND(2.7) [ND(2.2)]	ND(2.4)	ND(2.5)
Phenacetin	ND(0.70)	ND(0.90) [ND(0.89)]	ND(0.94)	ND(0.99)
Phenanthrene	0.66	ND(0.53) [ND(0.44)]	0.53	ND(0.49)
Phenol	ND(0.35)	0.56 [0.15 J]	ND(0.47)	ND(0.49)
Pronamide	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
Pyrene	1.2	0.14 J [0.12 J]	1.1	ND(0.49)
Pyridine	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
Safrole	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)
Thionazin	ND(0.35)	ND(0.53) [ND(0.44)]	ND(0.47)	ND(0.49)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-C96 0-1 09/26/02	RAA13-C98 0-1 10/09/02	RAA13-D87 0-1 10/24/02	RAA13-D87 1-3 10/24/02
Furans				
2,3,7,8-TCDF	0.00066 Y	0.00010 Y [0.00016 YI]	0.00034 Y	0.0000039 J
TCDFs (total)	0.0047	0.00089 I [0.0013 QI]	0.0043 I	0.000043
1,2,3,7,8-PeCDF	0.00032	0.00012 [0.00016]	0.00021	0.0000018 J
2,3,4,7,8-PeCDF	0.00053	0.00012 [0.00017]	0.00055	0.0000083 J
PeCDFs (total)	0.0049 Q	0.0014 QI [0.0018 QI]	0.0098 I	0.000096
1,2,3,4,7,8-HxCDF	0.00064	0.00020 [0.00027]	0.00038	0.0000050 J
1,2,3,6,7,8-HxCDF	0.00038	0.00012 I [0.00016 I]	0.00029	0.0000031 J
1,2,3,7,8,9-HxCDF	0.000090	0.000035 [0.000043]	0.000073	ND(0.0000055)
2,3,4,6,7,8-HxCDF	0.00034	0.000090 [0.00011]	0.00073	0.0000079 J
HxCDFs (total)	0.0041	0.0016 I [0.0018 I]	0.013 I	0.00012
1,2,3,4,6,7,8-HpCDF	0.00089	0.00019 [0.00025]	0.00079	0.000020 J
1,2,3,4,7,8,9-HpCDF	0.00012	0.000042 [0.000057]	0.000098	ND(0.0000051)
HpCDFs (total)	0.0014	0.00047 [0.00056]	0.0030	0.000044
OCDF	0.00047	0.00014 [0.00018]	0.00035	ND(0.0000090)
Dioxins				
2,3,7,8-TCDD	0.0000044	ND(0.00000080) X [ND(0.0000010) X]	0.0000031 J	ND(0.0000019)
TCDDs (total)	0.00013	0.000015 [0.000024 Q]	0.000028	ND(0.0000029)
1,2,3,7,8-PeCDD	ND(0.000018) X	ND(0.0000041) X [ND(0.0000046) X]	ND(0.0000085) X	ND(0.0000029)
PeCDDs (total)	0.00024 Q	0.000018 J [0.000037 J]	0.000032	0.000010
1,2,3,4,7,8-HxCDD	0.000021	0.0000022 J [0.0000028]	0.0000061 J	ND(0.0000050)
1,2,3,6,7,8-HxCDD	0.000034	0.0000043 [0.0000057]	0.0000088 J	ND(0.0000039)
1,2,3,7,8,9-HxCDD	0.000027	0.0000039 [0.0000049]	ND(0.0000079) X	ND(0.0000044)
HxCDDs (total)	0.00047	0.000054 [0.000074]	0.000081	ND(0.0000059)
1,2,3,4,6,7,8-HpCDD	0.00019	0.000032 [0.000037]	0.000072	ND(0.0000064)
HpCDDs (total)	0.00040	0.000067 [0.000075]	0.00015	0.000011
OCDD	0.00033	0.00014 [0.00016]	0.00035	ND(0.000017)
Total TEQs (WHO TEFs)	0.00053	0.00013 [0.00017]	0.00049	0.0000098
Inorganics				
Antimony	1.20 B	1.50 B [1.50 B]	1.40 B	1.20 B
Arsenic	8.50	6.8 J [5.60 J]	9.20	14.0
Barium	31.0 J	74.0 [60.0]	91.0	67.0
Beryllium	0.150 B	ND(0.500) [ND(0.500)]	ND(0.500)	0.560
Cadmium	0.500	1.10 [0.830]	1.00	0.790
Chromium	9.90	16.0 [14.0]	20.0	22.0
Cobalt	10.0	13.0 [12.0]	12.0	16.0
Copper	100	150 [110]	140	28.0
Cyanide	ND(0.100)	0.160 [ND(0.130)]	0.210	ND(0.150)
Lead	100 J	160 [130]	210	21.0
Mercury	0.260	0.220 [0.260]	0.690	0.0930 B
Nickel	18.0	25.0 [20.0]	24.0	26.0
Selenium	ND(1.00)	ND(1.00) [ND(1.00)]	ND(1.00) J	ND(1.10) J
Silver	ND(1.00)	ND(1.00) J [ND(1.00) J]	ND(1.00)	ND(1.10)
Sulfide	27.0	13 J [28 J]	18.0	9.50
Thallium	ND(1.60) J	1.00 B [ND(2.00)]	ND(2.10) J	ND(2.20) J
Tin	ND(10.0)	14.0 [11.0]	ND(10.0)	ND(11.0)
Vanadium	6.80	15.0 [13.0]	18.0	24.0
Zinc	180	170 J [160 J]	230 J	92.0 J

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-D87 12-15 10/24/02	RAA13-D90 0-1 10/01/02	RAA13-D97 1-3 10/09/02	RAA13-D97 6-10 10/09/02	RAA13-D98 0-1 10/09/02
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
1,1,1-Trichloroethane	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
1,1,2,2-Tetrachloroethane	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
1,1,2-Trichloroethane	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
1,1-Dichloroethane	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
1,1-Dichloroethene	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
1,2,3-Trichloropropane	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
1,2-Dibromo-3-chloropropane	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
1,2-Dibromoethane	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
1,2-Dichloroethane	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
1,2-Dichloropropane	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
1,4-Dioxane	ND(0.13)	ND(0.14) J	ND(0.13)	NS	ND(0.14)
2-Butanone	ND(0.013)	ND(0.014)	ND(0.013)	NS	ND(0.014)
2-Chloro-1,3-butadiene	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
2-Chloroethylvinylether	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
2-Hexanone	ND(0.013)	ND(0.014) J	ND(0.013)	NS	ND(0.014)
3-Chloropropene	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
4-Methyl-2-pentanone	ND(0.013)	ND(0.014) J	ND(0.013)	NS	ND(0.014)
Acetone	ND(0.027)	ND(0.028) J	ND(0.025)	NS	ND(0.028)
Acetonitrile	ND(0.13)	ND(0.14)	ND(0.13)	NS	ND(0.14)
Acrolein	ND(0.13) J	ND(0.14) J	ND(0.13) J	NS	ND(0.14) J
Acrylonitrile	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
Benzene	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
Bromodichloromethane	ND(0 0066)	ND(0.0069)	ND(0 0063)	NS	ND(0.0069)
Bromoform	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
Bromomethane	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
Carbon Disulfide	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
Carbon Tetrachloride	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
Chlorobenzene	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
Chloroethane	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
Chloroform	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
Chloromethane	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
cis-1,3-Dichloropropene	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
Dibromochloromethane	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
Dibromomethane	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
Dichlorodifluoromethane	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
Ethyl Methacrylate	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
Ethylbenzene	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
Iodomethane	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
Isobutanol	ND(0.13)	ND(0.14)	ND(0.13)	NS	ND(0.14)
Methacrylonitrile	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
Methyl Methacrylate	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
Methylene Chloride	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
Propionitrile	ND(0.013) J	ND(0.014) J	ND(0.013)	NS	ND(0.014)
Styrene	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
Tetrachloroethene	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
Toluene	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
trans-1,2-Dichloroethene	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
trans-1,3-Dichloropropene	ND(0.0066)	ND(0.0069) J	ND(0.0063)	NS	ND(0.0069)
trans-1,4-Dichloro-2-butene	ND(0.0066) J	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
Trichloroethene	ND(0.0066)	0.0050 J	ND(0.0063)	NS	ND(0.0069)
Trichlorofluoromethane	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
Vinyl Acetate	ND(0.0066) J	ND(0.0069)	ND(0.0063) J	NS	ND(0.0069) J
Vinyl Chloride	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)
Xylenes (total)	ND(0.0066)	ND(0.0069)	ND(0.0063)	NS	ND(0.0069)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-D87 12-15 10/24/02	RAA13-D90 0-1 10/01/02	RAA13-D97 1-3 10/09/02	RAA13-D97 6-10 10/09/02	RAA13-D98 0-1 10/09/02
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
1,2,4-Trichlorobenzene	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
1,2-Dichlorobenzene	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
1,2-Diphenylhydrazine	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
1,3,5-Trinitrobenzene	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
1,3-Dichlorobenzene	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
1,3-Dinitrobenzene	NS	ND(0.93)	ND(0.85)	NS	ND(0.92)
1,4-Dichlorobenzene	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
1,4-Naphthoquinone	NS	ND(0.93)	ND(0.85)	NS	ND(0.92)
1-Naphthylamine	NS	ND(0.93)	ND(0.85)	NS	ND(0.92)
2,3,4,6-Tetrachlorophenol	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
2,4,5-Trichlorophenol	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
2,4,6-Trichlorophenol	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
2,4-Dichlorophenol	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
2,4-Dimethylphenol	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
2,4-Dinitrophenol	NS	ND(2.4)	ND(2.2)	NS	ND(2.3)
2,4-Dinitrotoluene	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
2,6-Dichlorophenol	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
2,6-Dinitrotoluene	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
2-Acetylaminofluorene	NS	ND(0.93)	ND(0.85)	NS	ND(0.92)
2-Chloronaphthalene	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
2-Chlorophenol	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
2-Methylnaphthalene	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
2-Methylphenol	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
2-Naphthylamine	NS	ND(0.93)	ND(0.85)	NS	ND(0.92)
2-Nitroaniline	NS	ND(2.4)	ND(2.2)	NS	ND(2.3)
2-Nitrophenol	NS	ND(0.93)	ND(0.85)	NS	ND(0.92)
2-Picoline	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
3&4-Methylphenol	NS	0.42 J	ND(0.85)	NS	ND(0.92)
3,3'-Dichlorobenzidine	NS	ND(0.93)	ND(0.85)	NS	ND(0.92)
3,3'-Dimethylbenzidine	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
3-Methylcholanthrene	NS	ND(0.93)	ND(0.85)	NS	ND(0.92)
3-Nitroaniline	NS	ND(2.4)	ND(2.2)	NS	ND(2.3)
4,6-Dinitro-2-methylphenol	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
4-Aminobiphenyl	NS	ND(0.93)	ND(0.85)	NS	ND(0.92)
4-Bromophenyl-phenylether	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
4-Chloro-3-Methylphenol	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
4-Chloroaniline	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
4-Chlorobenzilate	NS	ND(0.93)	ND(0.85) J	NS	ND(0.92) J
4-Chlorophenyl-phenylether	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
4-Nitroaniline	NS	ND(2.4)	ND(2.2)	NS	ND(2.3)
4-Nitrophenol	NS	ND(2.4)	ND(2.2) J	NS	ND(2.3) J
4-Nitroquinoline-1-oxide	NS	ND(0.93)	ND(0.85)	NS	ND(0.92)
4-Phenylenediamine	NS	ND(0.93) J	ND(0.85) J	NS	ND(0.92) J
5-Nitro-o-toluidine	NS	ND(0.93)	ND(0.85)	NS	ND(0.92)
7,12-Dimethylbenz(a)anthracene	NS	ND(0.93)	ND(0.85)	NS	ND(0.92)
a,a'-Dimethylphenethylamine	NS	ND(0.93) J	ND(0.85)	NS	ND(0.92)
Acenaphthene	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
Acenaphthylene	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
Acetophenone	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
Aniline	NS	0.26 J	0.16 J	NS	0.66
Anthracene	NS	0.20 J	ND(0.42)	NS	ND(0.46)
Aramite	NS	ND(0.93)	ND(0.85)	NS	ND(0.92)
Benzidine	NS	ND(0.93) J	ND(0.85)	NS	ND(0.92)
Benzo(a)anthracene	NS	0.57	ND(0.42)	NS	ND(0.46)
Benzo(a)pyrene	NS	0.44 J	ND(0.42)	NS	ND(0.46)
Benzo(b)fluoranthene	NS	0.59	ND(0.42)	NS	ND(0.46)
Benzo(g,h,i)perylene	NS	0.36 J	ND(0.42)	NS	ND(0.46)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample/Location ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA13-D87 12-15 10/24/02	RAA13-D90 0-1 10/01/02	RAA13-D97 1-3 10/09/02	RAA13-D97 6-10 10/09/02	RAA13-D98 0-1 10/09/02
Semivolatile Organics(continued)					
Benzo(k)fluoranthene	NS	0.18 J	ND(0.42)	NS	ND(0.46)
Benzyl Alcohol	NS	ND(0.93)	ND(0.85)	NS	ND(0.92)
bis(2-Chloroethoxy)methane	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
bis(2-Chloroethyl)ether	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
bis(2-Chloroisopropyl)ether	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
bis(2-Ethylhexyl)phthalate	NS	ND(0.46)	ND(0.42)	NS	ND(0.45)
Butylbenzylphthalate	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
Chrysene	NS	1.1	ND(0.42)	NS	ND(0.46)
Diallate	NS	ND(0.93)	ND(0.85)	NS	ND(0.92)
Dibenzo(a,h)anthracene	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
Dibenzofuran	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
Diethylphthalate	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
Dimethylphthalate	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
Di-n-Butylphthalate	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
Di-n-Octylphthalate	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
Diphenylamine	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
Ethyl Methanesulfonate	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
Fluoranthene	NS	1.3	ND(0.42)	NS	ND(0.46)
Fluorene	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
Hexachlorobenzene	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
Hexachlorobutadiene	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
Hexachlorocyclopentadiene	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
Hexachloroethane	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
Hexachlorophene	NS	ND(0.93) J	ND(0.85) J	NS	ND(0.92) J
Hexachloropropene	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
Indeno(1,2,3-cd)pyrene	NS	0.28 J	ND(0.42)	NS	ND(0.46)
Isodrin	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
Isophorone	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
Isosafrole	NS	ND(0.93)	ND(0.85)	NS	ND(0.92)
Methapyrilene	NS	ND(0.93)	ND(0.85)	NS	ND(0.92)
Methyl Methanesulfonate	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
Naphthalene	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
Nitrobenzene	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
N-Nitrosodiethylamine	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
N-Nitrosodimethylamine	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
N-Nitroso-di-n-butylamine	NS	ND(0.93)	ND(0.85)	NS	ND(0.92)
N-Nitroso-di-n-propylamine	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
N-Nitrosodiphenylamine	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
N-Nitrosomethylethylamine	NS	ND(0.93)	ND(0.85)	NS	ND(0.92)
N-Nitrosomorpholine	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
N-Nitrosopiperidine	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
N-Nitrosopyrrolidine	NS	ND(0.93)	ND(0.85)	NS	ND(0.92)
o,o,o-Triethylphosphorothioate	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
o-Toluidine	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
p-Dimethylaminoazobenzene	NS	ND(0.93)	ND(0.85)	NS	ND(0.92)
Pentachlorobenzene	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
Pentachloroethane	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
Pentachloronitrobenzene	NS	ND(0.93)	ND(0.85)	NS	ND(0.92)
Pentachlorophenol	NS	ND(2.4)	ND(2.2)	NS	ND(2.3)
Phenacetin	NS	ND(0.93)	ND(0.85)	NS	ND(0.92)
Phenanthrene	NS	0.85	ND(0.42)	NS	ND(0.46)
Phenol	NS	1.1	ND(0.42)	NS	ND(0.46)
Pronamide	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
Pyrene	NS	1.2	ND(0.42)	NS	ND(0.46)
Pyridine	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
Safrole	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)
Thionazin	NS	ND(0.46)	ND(0.42)	NS	ND(0.46)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-D87 12-15 10/24/02	RAA13-D90 0-1 10/01/02	RAA13-D97 1-3 10/09/02	RAA13-D97 6-10 10/09/02	RAA13-D98 0-1 10/09/02
Furans					
2,3,7,8-TCDF	NS	0.000025 Y	0.000023 YI	0.00016 Y	0.000029 Y
TCDFs (total)	NS	0.00034	0.00021 I	0.0016	0.00025 QI
1,2,3,7,8-PeCDF	NS	0.000014	0.0000098	0.000087	0.000014
2,3,4,7,8-PeCDF	NS	0.000060	0.000012	0.00020	0.000024
PeCDFs (total)	NS	0.0024 QI	0.00018 QI	0.0027	0.00035 QI
1,2,3,4,7,8-HxCDF	NS	0.000064	0.000016	0.00021	0.000024
1,2,3,6,7,8-HxCDF	NS	0.000081	0.000011	0.00015 I	0.000016
1,2,3,7,8,9-HxCDF	NS	ND(0.000011) X	0.0000021 J	ND(0.000035)	0.0000045
2,3,4,6,7,8-HxCDF	NS	0.00018	0.000011	0.00026	0.000025
HxCDFs (total)	NS	0.0038 I	0.00017	0.0047	0.00047
1,2,3,4,6,7,8-HpCDF	NS	0.00030	0.000026	0.00043	0.000052
1,2,3,4,7,8,9-HpCDF	NS	0.000021	0.0000031	0.000053	0.0000062
HpCDFs (total)	NS	0.00082	0.000058	0.0015	0.00017
OCDF	NS	0.000082	0.000021	0.00029	0.000041
Dioxins					
2,3,7,8-TCDD	NS	0.0000015 J	ND(0.00000031) X	0.0000021	0.00000039 J
TCDDs (total)	NS	0.0000074	0.0000043	0.000039 I	0.0000042
1,2,3,7,8-PeCDD	NS	ND(0.0000018) X	ND(0.00000085) X	ND(0.0000062) X	ND(0.0000025) X
PeCDDs (total)	NS	0.000015 Q	0.0000039	0.000063 I	0.0000065
1,2,3,4,7,8-HxCDD	NS	0.0000020 J	0.00000045 J	0.0000043	0.00000078 J
1,2,3,6,7,8-HxCDD	NS	0.0000024 J	0.00000062 J	0.0000084	0.0000032
1,2,3,7,8,9-HxCDD	NS	0.0000027 J	ND(0.00000060) X	0.0000091	0.0000013 J
HxCDDs (total)	NS	0.000038	0.0000068	0.00011 I	0.000022
1,2,3,4,6,7,8-HpCDD	NS	0.000020	0.0000049	0.000047	0.000041
HpCDDs (total)	NS	0.000051	0.000012	0.00010	0.000081
OCDD	NS	0.00014	0.000020	0.00014	0.00044
Total TEQs (WHO TEFs)	NS	0.000073	0.000014	0.00020	0.000026
Inorganics					
Antimony	NS	1.10 B	ND(6.00)	NS	ND(6.00)
Arsenic	NS	7.60 J	5 J	NS	5.7 J
Barium	NS	43.0	30.0	NS	36.0
Beryllium	NS	ND(0.500)	ND(0.500)	NS	ND(0.500)
Cadmium	NS	ND(0.500)	ND(0.500)	NS	ND(0.500)
Chromium	NS	9.10	8.40	NS	10.0
Cobalt	NS	9.40	7.20	NS	7.20
Copper	NS	88.0	23.0	NS	31.0
Cyanide	NS	ND(0.280)	ND(0.130)	NS	0.150
Lead	NS	240	26.0	NS	43.0
Mercury	NS	ND(0.140)	0.150	NS	0.200
Nickel	NS	17.0	13.0	NS	15.0
Selenium	NS	ND(1.00) J	ND(1.00)	NS	ND(1.00)
Silver	NS	ND(1.00)	ND(1.00) J	NS	ND(1.00) J
Sulfide	NS	33 J	18.0	NS	11.0
Thallium	NS	ND(2.10) J	ND(1.90)	NS	ND(2.10)
Tin	NS	31.0	ND(10.0)	NS	ND(10.0)
Vanadium	NS	9.30	10.0	NS	16.0
Zinc	NS	100	53 J	NS	85 J

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-D99 10-15 10/09/02	RAA13-D99 12-15 10/09/02	RAA13-E87 0-1 10/15/02	RAA13-E92 0-1 10/01/02	RAA13-E94 0-1 09/30/02
Volatile Organics					
1,1,1,2-Tetrachloroethane	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
1,1,1-Trichloroethane	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
1,1,2,2-Tetrachloroethane	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
1,1,2-Trichloroethane	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
1,1-Dichloroethane	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
1,1-Dichloroethene	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
1,2,3-Trichloropropane	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
1,2-Dibromo-3-chloropropane	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
1,2-Dibromoethane	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
1,2-Dichloroethane	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
1,2-Dichloropropane	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
1,4-Dioxane	NS	ND(0.13)	ND(0.14)	ND(0.14) J	ND(0.14) J
2-Butanone	NS	ND(0.013)	ND(0.014)	ND(0.014)	ND(0.014)
2-Chloro-1,3-butadiene	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
2-Chloroethylvinylether	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
2-Hexanone	NS	ND(0.013)	ND(0.014)	ND(0.014) J	ND(0.014) J
3-Chloropropene	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
4-Methyl-2-pentanone	NS	ND(0.013)	ND(0.014)	ND(0.014) J	ND(0.014) J
Acetone	NS	ND(0.026)	ND(0.028)	ND(0.029) J	ND(0.027) J
Acetonitrile	NS	ND(0.13)	ND(0.14)	ND(0.14)	ND(0.14) J
Acrolein	NS	ND(0.13) J	ND(0.14) J	ND(0.14) J	ND(0.14) J
Acrylonitrile	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
Benzene	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
Bromodichloromethane	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
Bromoform	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
Bromomethane	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
Carbon Disulfide	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
Carbon Tetrachloride	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
Chlorobenzene	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
Chloroethane	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
Chloroform	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
Chloromethane	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
cis-1,3-Dichloropropene	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
Dibromochloromethane	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
Dibromomethane	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
Dichlorodifluoromethane	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
Ethyl Methacrylate	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
Ethylbenzene	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
Iodomethane	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
Isobutanol	NS	ND(0.13)	ND(0.14)	ND(0.14)	ND(0.14)
Methacrylonitrile	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
Methyl Methacrylate	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
Methylene Chloride	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
Propionitrile	NS	ND(0.013)	ND(0.014)	ND(0.014) J	ND(0.014) J
Styrene	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
Tetrachloroethene	NS	ND(0.0064)	ND(0.0071)	0.0039 J	ND(0.0068)
Toluene	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
trans-1,2-Dichloroethene	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
trans-1,3-Dichloropropene	NS	ND(0.0064)	ND(0.0071)	ND(0.0073) J	ND(0.0068)
trans-1,4-Dichloro-2-butene	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
Trichloroethene	NS	ND(0.0064)	ND(0.0071)	0.14	ND(0.0068)
Trichlorofluoromethane	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
Vinyl Acetate	NS	ND(0.0064) J	ND(0.0071) J	ND(0.0073)	ND(0.0068)
Vinyl Chloride	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)
Xylenes (total)	NS	ND(0.0064)	ND(0.0071)	ND(0.0073)	ND(0.0068)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-D99 10-15 10/09/02	RAA13-D99 12-15 10/09/02	RAA13-E87 0-1 10/15/02	RAA13-E92 0-1 10/01/02	RAA13-E94 0-1 09/30/02
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
1,2,4-Trichlorobenzene	NS	NS	ND(0.47)	0.14 J	0.31 J
1,2-Dichlorobenzene	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
1,2-Diphenylhydrazine	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
1,3,5-Trinitrobenzene	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
1,3-Dichlorobenzene	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
1,3-Dinitrobenzene	NS	NS	ND(0.95)	ND(0.98)	ND(0.90)
1,4-Dichlorobenzene	NS	NS	ND(0.47)	ND(0.48)	0.41 J
1,4-Naphthoquinone	NS	NS	ND(0.95)	ND(0.98)	ND(0.90)
1-Naphthylamine	NS	NS	ND(0.95)	ND(0.98)	ND(0.90)
2,3,4,6-Tetrachlorophenol	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
2,4,5-Trichlorophenol	NS	NS	ND(0.47)	ND(0.48)	ND(0.63) J
2,4,6-Trichlorophenol	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
2,4-Dichlorophenol	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
2,4-Dimethylphenol	NS	NS	ND(0.47)	0.60	ND(0.63)
2,4-Dinitrophenol	NS	NS	ND(2.4)	ND(2.5)	ND(3.2)
2,4-Dinitrotoluene	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
2,6-Dichlorophenol	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
2,6-Dinitrotoluene	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
2-Acetylaminofluorene	NS	NS	ND(0.95)	ND(0.98)	ND(0.90)
2-Chloronaphthalene	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
2-Chlorophenol	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
2-Methylnaphthalene	NS	NS	ND(0.47)	0.24 J	ND(0.63)
2-Methylphenol	NS	NS	ND(0.47)	0.19 J	ND(0.63)
2-Naphthylamine	NS	NS	ND(0.95)	ND(0.98)	ND(0.90)
2-Nitroaniline	NS	NS	ND(2.4)	ND(2.5)	ND(3.2)
2-Nitrophenol	NS	NS	ND(0.95)	ND(0.98)	ND(0.90)
2-Picoline	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
3&4-Methylphenol	NS	NS	ND(0.95)	0.48 J	ND(0.90)
3,3'-Dichlorobenzidine	NS	NS	ND(0.95)	ND(0.98)	ND(1.3)
3,3'-Dimethylbenzidine	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
3-Methylcholanthrene	NS	NS	ND(0.95)	ND(0.98)	ND(0.90)
3-Nitroaniline	NS	NS	ND(2.4)	ND(2.5)	ND(3.2)
4,6-Dinitro-2-methylphenol	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
4-Aminobiphenyl	NS	NS	ND(0.95)	ND(0.98)	ND(0.90)
4-Bromophenyl-phenylether	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
4-Chloro-3-Methylphenol	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
4-Chloroaniline	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
4-Chlorobenzilate	NS	NS	ND(0.95)	ND(0.98)	ND(0.90)
4-Chlorophenyl-phenylether	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
4-Nitroaniline	NS	NS	ND(2.4)	ND(2.5)	ND(2.3)
4-Nitrophenol	NS	NS	ND(2.4)	ND(2.5)	ND(3.2)
4-Nitroquinoline-1-oxide	NS	NS	ND(0.95)	ND(0.98)	ND(0.90) J
4-Phenylenediamine	NS	NS	ND(0.95) J	ND(0.98) J	ND(0.90) J
5-Nitro-o-toluidine	NS	NS	ND(0.95)	ND(0.98)	ND(0.90)
7,12-Dimethylbenz(a)anthracene	NS	NS	ND(0.95)	ND(0.98)	ND(0.90)
a,a'-Dimethylphenethylamine	NS	NS	ND(0.95)	ND(0.98) J	ND(0.90)
Acenaphthene	NS	NS	ND(0.47)	0.65	ND(0.63)
Acenaphthylene	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
Acetophenone	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
Aniline	NS	NS	0.15 J	7.6	0.23 J
Anthracene	NS	NS	ND(0.47)	1.6	ND(0.63)
Aramite	NS	NS	ND(0.95)	ND(0.98)	ND(0.90)
Benzidine	NS	NS	ND(0.95)	ND(0.98) J	ND(1.3) J
Benzo(a)anthracene	NS	NS	ND(0.47)	2.8	ND(0.63)
Benzo(a)pyrene	NS	NS	ND(0.47)	1.6	ND(0.63)
Benzo(b)fluoranthene	NS	NS	0.10 J	2.2	0.14 J
Benzo(g,h,i)perylene	NS	NS	ND(0.47)	0.77	ND(0.63)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-D99 10-15 10/09/02	RAA13-D99 12-15 10/09/02	RAA13-E87 0-1 10/15/02	RAA13-E92 0-1 10/01/02	RAA13-E94 0-1 09/30/02
Semivolatile Organics(continued)					
Benzo(k)fluoranthene	NS	NS	ND(0.47)	0.82	ND(0.63)
Benzyl Alcohol	NS	NS	ND(0.95)	ND(0.98)	ND(1.3)
bis(2-Chloroethoxy)methane	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
bis(2-Chloroethyl)ether	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
bis(2-Chloroisopropyl)ether	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
bis(2-Ethylhexyl)phthalate	NS	NS	ND(0.46)	ND(0.48)	ND(0.44)
Butylbenzylphthalate	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
Chrysene	NS	NS	ND(0.47)	1.9	0.15 J
Diallate	NS	NS	ND(0.95)	ND(0.98)	ND(0.90)
Dibenzo(a,h)anthracene	NS	NS	ND(0.47)	0.24 J	ND(0.63)
Dibenzofuran	NS	NS	ND(0.47)	0.45 J	ND(0.63)
Diethylphthalate	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
Dimethylphthalate	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
Di-n-Butylphthalate	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
Di-n-Octylphthalate	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
Diphenylamine	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
Ethyl Methanesulfonate	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
Fluoranthene	NS	NS	0.15 J	6.1	0.17 J
Fluorene	NS	NS	ND(0.47)	0.78	ND(0.63)
Hexachlorobenzene	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
Hexachlorobutadiene	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
Hexachlorocyclopentadiene	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
Hexachloroethane	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
Hexachlorophene	NS	NS	ND(0.95) J	ND(0.98) J	ND(1.3) J
Hexachloropropene	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
Indeno(1,2,3-cd)pyrene	NS	NS	ND(0.47)	0.73	ND(0.63)
Isodrin	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
Isophorone	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
Isosafrole	NS	NS	ND(0.95)	ND(0.98)	ND(0.90)
Methapyrilene	NS	NS	ND(0.95)	ND(0.98)	ND(0.90)
Methyl Methanesulfonate	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
Naphthalene	NS	NS	ND(0.47)	0.35 J	ND(0.63)
Nitrobenzene	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
N-Nitrosodiethylamine	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
N-Nitrosodimethylamine	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
N-Nitroso-di-n-butylamine	NS	NS	ND(0.95)	ND(0.98)	ND(0.90)
N-Nitroso-di-n-propylamine	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
N-Nitrosodiphenylamine	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
N-Nitrosomethylethylamine	NS	NS	ND(0.95)	ND(0.98)	ND(0.90)
N-Nitrosomorpholine	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
N-Nitrosopiperidine	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
N-Nitrosopyrrolidine	NS	NS	ND(0.95)	ND(0.98)	ND(0.90)
o,o,o-Triethylphosphorothioate	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
o-Toluidine	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
p-Dimethylaminoazobenzene	NS	NS	ND(0.95)	ND(0.98)	ND(0.90)
Pentachlorobenzene	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
Pentachloroethane	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
Pentachloronitrobenzene	NS	NS	ND(0.95)	ND(0.98)	ND(0.90)
Pentachlorophenol	NS	NS	ND(2.4)	ND(2.5)	ND(3.2)
Phenacetin	NS	NS	ND(0.95)	ND(0.98)	ND(0.90)
Phenanthrene	NS	NS	ND(0.47)	5.2	ND(0.63)
Phenol	NS	NS	ND(0.47)	1.6	ND(0.63)
Pronamide	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
Pyrene	NS	NS	0.20 J	4.8	0.17 J
Pyridine	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
Safrole	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)
Thionazin	NS	NS	ND(0.47)	ND(0.48)	ND(0.63)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-D99 10-15 10/09/02	RAA13-D99 12-15 10/09/02	RAA13-E87 0-1 10/15/02	RAA13-E92 0-1 10/01/02	RAA13-E94 0-1 09/30/02
Furans					
2,3,7,8-TCDF	ND(0.00000016) X	NS	0.00021 Y	0.00048 Y	0.00054 YI
TCDFs (total)	0.00000048	NS	0.0013	0.0068 I	0.0051
1,2,3,7,8-PeCDF	ND(0.00000011) X	NS	0.000067	0.00016	0.00017
2,3,4,7,8-PeCDF	ND(0.00000019) X	NS	0.000078	0.00065	0.00088
PeCDFs (total)	0.00000095	NS	0.00068 I	0.015	0.021 I
1,2,3,4,7,8-HxCDF	ND(0.00000022) X	NS	0.000039	0.00052	0.0073 EJ
1,2,3,6,7,8-HxCDF	0.00000017 J	NS	0.000025	0.00050	0.0016
1,2,3,7,8,9-HxCDF	ND(0.00000027)	NS	0.0000051 J	0.000090	0.0014
2,3,4,6,7,8-HxCDF	ND(0.00000027)	NS	0.000026	0.0010	0.0029 EJ
HxCDFs (total)	0.0000010	NS	0.00029	0.018 I	0.043 I
1,2,3,4,6,7,8-HpCDF	0.00000036 J	NS	0.000049	0.0014	0.0081 EJ
1,2,3,4,7,8,9-HpCDF	ND(0.00000027)	NS	0.0000062	0.00016	0.0035 EJ
HpCDFs (total)	0.00000036	NS	0.000089	0.0040	0.023
OCDF	ND(0.00000042) X	NS	0.000048	0.00067	0.0062 EJ
Dioxins					
2,3,7,8-TCDD	ND(0.00000011)	NS	ND(0.0000014) X	0.000026	0.000096
TCDDs (total)	ND(0.00000020)	NS	0.000018	0.00012	0.0019
1,2,3,7,8-PeCDD	ND(0.00000027)	NS	ND(0.0000034) X	ND(0.000038) X	0.0016
PeCDDs (total)	ND(0.00000029)	NS	0.000027	0.00023	0.013
1,2,3,4,7,8-HxCDD	ND(0.00000027)	NS	ND(0.0000021) X	0.000018	0.0019
1,2,3,6,7,8-HxCDD	ND(0.00000027)	NS	0.0000037 J	0.000053	0.0020
1,2,3,7,8,9-HxCDD	ND(0.00000027)	NS	0.0000024 J	0.000045	0.0016
HxCDDs (total)	0.00000031	NS	0.000051	0.00060	0.031
1,2,3,4,6,7,8-HpCDD	0.0000010 J	NS	0.000046	0.00016	0.0071 EJ
HpCDDs (total)	0.0000019	NS	0.000081	0.00038	0.017
OCDD	0.0000051 J	NS	0.00041	0.00053	0.020 EJ
Total TEQs (WHO TEFs)	0.00000036	NS	0.000077	0.00067	0.0043
Inorganics					
Antimony	NS	NS	ND(6.00)	2.00 B	1.80 B
Arsenic	NS	NS	12.0	16.0 J	12.0
Barium	NS	NS	83.0	95.0	22.0
Beryllium	NS	NS	0.580	0.170 B	0.140 B
Cadmium	NS	NS	0.660	0.860	ND(0.500)
Chromium	NS	NS	32.0	23.0	11.0
Cobalt	NS	NS	13.0	15.0	9.20
Copper	NS	NS	47.0	200	97.0
Cyanide	NS	NS	0.150	0.110 B	ND(0.140)
Lead	NS	NS	96.0	530	89.0
Mercury	NS	NS	0.540	1.80	ND(0.140)
Nickel	NS	NS	24.0	53.0	26.0
Selenium	NS	NS	ND(1.00) J	ND(1.10) J	ND(1.00)
Silver	NS	NS	0.870 B	0.910 B	ND(1.00)
Sulfide	NS	NS	9.00	44 J	28.0
Thallium	NS	NS	ND(2.10)	3.10 J	1.40 B
Tin	NS	NS	16.0	100	ND(10.0)
Vanadium	NS	NS	15.0	230	9.30
Zinc	NS	NS	130	130	91.0

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-E95 1-3 09/30/02	RAA13-F89 0-1 10/23/02	RAA13-F89 1-3 10/23/02	RAA13-F89 10-15 10/23/02	RAA13-F89 12-15 10/23/02
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
1,1,1-Trichloroethane	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
1,1,2,2-Tetrachloroethane	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085) J
1,1,2-Trichloroethane	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
1,1-Dichloroethane	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
1,1-Dichloroethene	ND(0.0070)	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
1,2,3-Trichloropropane	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085) J
1,2-Dibromo-3-chloropropane	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085) J
1,2-Dibromoethane	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
1,2-Dichloroethane	ND(0.0070)	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
1,2-Dichloropropane	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
1,4-Dioxane	ND(0.14) J	ND(0.15)	ND(0.13)	NS	ND(0.17)
2-Butanone	ND(0.014) J	ND(0.015)	ND(0.013)	NS	ND(0.017)
2-Chloro-1,3-butadiene	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
2-Chloroethylvinylether	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
2-Hexanone	ND(0.014) J	ND(0.015)	ND(0.013)	NS	ND(0.017)
3-Chloropropene	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
4-Methyl-2-pentanone	ND(0.014) J	ND(0.015)	ND(0.013)	NS	ND(0.017)
Acetone	ND(0.028) J	ND(0.030)	ND(0.026)	NS	0.027 J
Acetonitrile	ND(0.14) J	ND(0.15) J	ND(0.13) J	NS	ND(0.17) J
Acrolein	ND(0.14) J	ND(0.15) J	ND(0.13) J	NS	ND(0.17) J
Acrylonitrile	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
Benzene	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
Bromodichloromethane	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
Bromoform	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
Bromomethane	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
Carbon Disulfide	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
Carbon Tetrachloride	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
Chlorobenzene	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	0.038
Chloroethane	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
Chloroform	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
Chloromethane	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
cis-1,3-Dichloropropene	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
Dibromochloromethane	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
Dibromomethane	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
Dichlorodifluoromethane	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
Ethyl Methacrylate	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
Ethylbenzene	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
Iodomethane	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
Isobutanol	ND(0.14) J	ND(0.15)	ND(0.13)	NS	ND(0.17)
Methacrylonitrile	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
Methyl Methacrylate	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
Methylene Chloride	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
Propionitrile	ND(0.014) J	ND(0.015)	ND(0.013)	NS	ND(0.017)
Styrene	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
Tetrachloroethene	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
Toluene	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
trans-1,2-Dichloroethene	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
trans-1,3-Dichloropropene	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
trans-1,4-Dichloro-2-butene	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085) J
Trichloroethene	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
Trichlorofluoromethane	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
Vinyl Acetate	ND(0.0070) J	ND(0.0075) J	ND(0.0066) J	NS	ND(0.0085) J
Vinyl Chloride	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)
Xylenes (total)	ND(0.0070) J	ND(0.0075)	ND(0.0066)	NS	ND(0.0085)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-E95 1-3 09/30/02	RAA13-F89 0-1 10/23/02	RAA13-F89 1-3 10/23/02	RAA13-F89 10-15 10/23/02	RAA13-F89 12-15 10/23/02
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
1,2,4-Trichlorobenzene	0.18 J	0.76	ND(0.44)	ND(0.57)	NS
1,2-Dichlorobenzene	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
1,2-Diphenylhydrazine	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
1,3,5-Trinitrobenzene	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
1,3-Dichlorobenzene	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
1,3-Dinitrobenzene	ND(0.94)	ND(1.0)	ND(0.88)	ND(1.1)	NS
1,4-Dichlorobenzene	0.13 J	0.64	ND(0.44)	ND(0.57)	NS
1,4-Naphthoquinone	ND(0.94)	ND(1.0)	ND(0.88) J	ND(1.1)	NS
1-Naphthylamine	ND(0.94)	ND(1.0)	ND(0.88)	ND(1.1)	NS
2,3,4,6-Tetrachlorophenol	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
2,4,5-Trichlorophenol	ND(0.66) J	ND(0.50)	ND(0.44)	ND(0.57)	NS
2,4,6-Trichlorophenol	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
2,4-Dichlorophenol	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
2,4-Dimethylphenol	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
2,4-Dinitrophenol	ND(3.3)	ND(2.5)	ND(2.2) J	ND(2.9)	NS
2,4-Dinitrotoluene	ND(0.66)	1.1	ND(0.44)	ND(0.57)	NS
2,6-Dichlorophenol	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
2,6-Dinitrotoluene	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
2-Acetylaminofluorene	ND(0.94)	ND(1.0)	ND(0.88) J	ND(1.1)	NS
2-Chloronaphthalene	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
2-Chlorophenol	ND(0.66)	2.1	ND(0.44)	ND(0.57)	NS
2-Methylnaphthalene	0.13 J	ND(0.50)	ND(0.44)	ND(0.57)	NS
2-Methylphenol	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
2-Naphthylamine	ND(0.94)	ND(1.0)	ND(0.88)	ND(1 1)	NS
2-Nitroaniline	ND(3.3)	ND(2.5)	ND(2.2)	ND(2.9)	NS
2-Nitrophenol	ND(0.94)	ND(1.0)	ND(0.88)	ND(1.1)	NS
2-Picoline	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
3&4-Methylphenol	0.21 J	ND(1.0)	ND(0.88)	ND(1.1)	NS
3,3'-Dichlorobenzidine	ND(1.3)	ND(1.0)	ND(0.88)	ND(1.1)	NS
3,3'-Dimethylbenzidine	ND(0.66)	ND(0.50) J	ND(0.44)	ND(0.57) J	NS
3-Methylcholanthrene	ND(0.94)	ND(1.0)	ND(0.88)	ND(1.1)	NS
3-Nitroaniline	ND(3.3)	ND(2.5)	ND(2.2)	ND(2.9)	NS
4,6-Dinitro-2-methylphenol	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
4-Aminobiphenyl	ND(0.94)	ND(1.0)	ND(0.88)	ND(1.1)	NS
4-Bromophenyl-phenylether	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
4-Chloro-3-Methylphenol	ND(0.66)	2.2	ND(0.44)	ND(0.57)	NS
4-Chloroaniline	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
4-Chlorobenzilate	ND(0.94)	ND(1.0)	ND(0.88)	ND(1.1)	NS
4-Chlorophenyl-phenylether	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
4-Nitroaniline	ND(2.4)	ND(2.5)	ND(2.2)	ND(2.9)	NS
4-Nitrophenol	ND(3.3)	1.8 J	ND(2.2) J	ND(2.9)	NS
4-Nitroquinoline-1-oxide	ND(0.94) J	ND(1.0) J	ND(0.88)	ND(1.1) J	NS
4-Phenylenediamine	ND(0.94) J	ND(1.0) J	ND(0.88) J	ND(1.1) J	NS
5-Nitro-o-toluidine	ND(0.94)	ND(1.0)	ND(0.88)	ND(1.1)	NS
7,12-Dimethylbenz(a)anthracene	ND(0.94)	ND(1.0)	ND(0.88)	ND(1.1)	NS
a,a'-Dimethylphenethylamine	ND(0.94)	ND(1.0)	ND(0.88)	ND(1.1)	NS
Acenaphthene	0.14 J	1.0	ND(0.44)	ND(0.57)	NS
Acenaphthylene	0.66	ND(0.50)	ND(0.44)	ND(0.57)	NS
Acetophenone	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
Aniline	3.4	ND(0.50)	ND(0.44)	ND(0.57)	NS
Anthracene	0.94	ND(0.50)	ND(0.44)	ND(0.57)	NS
Aramite	ND(0.94)	ND(1.0)	ND(0.88) J	ND(1.1)	NS
Benzidine	ND(1.3) J	ND(1.0)	ND(0.88)	ND(1.1)	NS
Benzo(a)anthracene	ND(0.66)	0.27 J	ND(0.44)	ND(0.57)	NS
Benzo(a)pyrene	1.8	0.18 J	ND(0.44)	ND(0.57)	NS
Benzo(b)fluoranthene	2.6	0.30 J	ND(0.44)	ND(0.57)	NS
Benzo(g,h,i)perylene	1.4	0.20 J	ND(0.44)	ND(0.57)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample/Location ID: Sample Depth(Feet): Parameter Date Collected:	RAA13-E95 1-3 09/30/02	RAA13-F89 0-1 10/23/02	RAA13-F89 1-3 10/23/02	RAA13-F89 10-15 10/23/02	RAA13-F89 12-15 10/23/02
Semivolatile Organics(continued)					
Benzo(k)fluoranthene	0.84	0.14 J	ND(0.44)	ND(0.57)	NS
Benzyl Alcohol	ND(1.3)	ND(1.0)	ND(0.88)	ND(1.1)	NS
bis(2-Chloroethoxy)methane	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
bis(2-Chloroethyl)ether	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
bis(2-Chloroisopropyl)ether	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
bis(2-Ethylhexyl)phthalate	ND(0.46)	ND(0.49)	ND(0.44)	ND(0.56)	NS
Butylbenzylphthalate	ND(0.66)	ND(0.50) J	ND(0.44)	ND(0.57) J	NS
Chrysene	ND(0.66)	0.27 J	ND(0.44)	ND(0.57)	NS
Diallate	ND(0.94)	ND(1.0)	ND(0.88)	ND(1.1)	NS
Dibenzo(a,h)anthracene	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
Dibenzofuran	0.19 J	ND(0.50)	ND(0.44)	ND(0.57)	NS
Diethylphthalate	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
Dimethylphthalate	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
Di-n-Butylphthalate	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
Di-n-Octylphthalate	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
Diphenylamine	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
Ethyl Methanesulfonate	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
Fluoranthene	4.7	0.55	ND(0.44)	ND(0.57)	NS
Fluorene	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
Hexachlorobenzene	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
Hexachlorobutadiene	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
Hexachlorocyclopentadiene	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
Hexachloroethane	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
Hexachlorophene	ND(1.3) J	ND(1.0) J	ND(0.88) J	ND(1.1) J	NS
Hexachloropropene	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
Indeno(1,2,3-cd)pyrene	1.3	0.14 J	ND(0.44)	ND(0.57)	NS
Isodrin	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
Isophorone	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
Isosafrole	ND(0.94)	ND(1.0)	ND(0.88)	ND(1.1)	NS
Methapyrilene	ND(0.94)	ND(1.0)	ND(0.88)	ND(1.1)	NS
Methyl Methanesulfonate	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
Naphthalene	0.28 J	ND(0.50)	ND(0.44)	ND(0.57)	NS
Nitrobenzene	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
N-Nitrosodiethylamine	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
N-Nitrosodimethylamine	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
N-Nitroso-di-n-butylamine	ND(0.94)	ND(1.0)	ND(0.88)	ND(1.1)	NS
N-Nitroso-di-n-propylamine	ND(0.66)	0.85	ND(0.44)	ND(0.57)	NS
N-Nitrosodiphenylamine	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
N-Nitrosomethylethylamine	ND(0.94)	ND(1.0)	ND(0.88) J	ND(1.1)	NS
N-Nitrosomorpholine	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
N-Nitrosopiperidine	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
N-Nitrosopyrrolidine	ND(0.94)	ND(1.0)	ND(0.88)	ND(1.1)	NS
o,o,o-Triethylphosphorothioate	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
o-Toluidine	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
p-Dimethylaminoazobenzene	ND(0.94)	ND(1.0)	ND(0.88)	ND(1.1)	NS
Pentachlorobenzene	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
Pentachloroethane	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
Pentachloronitrobenzene	ND(0.94)	ND(1.0)	ND(0.88)	ND(1.1)	NS
Pentachlorophenol	ND(3.3)	0.81 J	ND(2.2)	ND(2.9)	NS
Phenacetin	ND(0.94)	ND(1.0)	ND(0.88)	ND(1.1)	NS
Phenanthrene	3.1	0.33 J	ND(0.44)	ND(0.57)	NS
Phenol	0.24 J	2.2	ND(0.44)	ND(0.57)	NS
Pronamide	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
Pyrene	4.5	1.9	ND(0.44)	ND(0.57)	NS
Pyridine	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
Safrole	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS
Thionazin	ND(0.66)	ND(0.50)	ND(0.44)	ND(0.57)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-E95 1-3 09/30/02	RAA13-F89 0-1 10/23/02	RAA13-F89 1-3 10/23/02	RAA13-F89 10-15 10/23/02	RAA13-F89 12-15 10/23/02
Furans					
2,3,7,8-TCDF	0.0013 YI	0.000020 Y	0.0000019 YI	ND(0.00000012) X	NS
TCDFs (total)	0.0097 Q	0.00019 QI	0.000011	ND(0.00000013)	NS
1,2,3,7,8-PeCDF	0.00045 Q	0.0000090	0.00000064 J	ND(0.00000018) X	NS
2,3,4,7,8-PeCDF	0.0016 Q	0.000013	0.00000093 J	ND(0.00000011)	NS
PeCDFs (total)	0.014 Q	0.00017 QI	0.000010	0.00000054	NS
1,2,3,4,7,8-HxCDF	0.00079	0.000015	0.00000087 J	ND(0.00000021)	NS
1,2,3,6,7,8-HxCDF	0.00048	0.0000091	0.00000062 J	0.00000018 J	NS
1,2,3,7,8,9-HxCDF	0.00012	ND(0.0000020) X	0.00000018 J	ND(0.000000072)	NS
2,3,4,6,7,8-HxCDF	0.00090	0.000014	0.00000080 J	ND(0.000000080) X	NS
HxCDFs (total)	0.013 Q	0.00047	0.000017	0.00000065	NS
1,2,3,4,6,7,8-HpCDF	0.0012	0.00035	0.0000082	ND(0.00000025)	NS
1,2,3,4,7,8,9-HpCDF	0.00017	0.000018	0.00000064 J	ND(0.00000033)	NS
HpCDFs (total)	0.0028	0.0024	0.000044	ND(0.00000025)	NS
OCDF	0.00091	0.0044 EJ	0.000081	0.00000083 J	NS
Dioxins					
2,3,7,8-TCDD	0.000011 Q	0.00000045 J	ND(0.00000013) X	ND(0.00000013)	NS
TCDDs (total)	0.00018 Q	0.0000050	ND(0.00000018)	ND(0.00000022)	NS
1,2,3,7,8-PeCDD	ND(0.000041) X	0.0000012 J	ND(0.00000011) X	ND(0.00000033)	NS
PeCDDs (total)	0.00032 Q	0.0000098	0.00000020	ND(0.00000033)	NS
1,2,3,4,7,8-HxCDD	0.000022 J	0.0000035	0.00000011 J	ND(0.00000033)	NS
1,2,3,6,7,8-HxCDD	0.000054	0.000040	0.00000083 J	ND(0.00000033)	NS
1,2,3,7,8,9-HxCDD	0.000055	0.0000089	0.00000020 J	ND(0.00000033)	NS
HxCDDs (total)	0.00065	0.00014	0.0000017	ND(0.00000037)	NS
1,2,3,4,6,7,8-HpCDD	0.00032	0.0015 EJ	0.000027	ND(0.00000050)	NS
HpCDDs (total)	0.00066	0.0023	0.000043	ND(0.00000086)	NS
OCDD	0.0027	0.015 EJ	0.00028	ND(0.0000039)	NS
Total TEQs (WHO TEFs)	0.0012	0.000040	0.0000016	0.00000036	NS
Inorganics					
Antimony	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	NS
Arsenic	10.0	6.00	8.00	2.70	NS
Barium	110	44.0	ND(20.0)	28.0	NS
Beryllium	ND(0.500)	ND(0.500)	0.190 B	ND(0.500)	NS
Cadmium	2.30	1.40	0.710	0.500	NS
Chromium	220	12.0	5.20	10.0	NS
Cobalt	9.90	7.90	6.00	7.30	NS
Copper	3700	30.0	14.0	11.0	NS
Cyanide	0.180	ND(0.750)	ND(0.660)	ND(0.170)	NS
Lead	3200	110	14.0	5.70	NS
Mercury	1.00	2.20	ND(0.130)	ND(0.170)	NS
Nickel	30.0	16.0	10.0	11.0	NS
Selenium	ND(1.00)	ND(1.10)	ND(1.00)	ND(1.30)	NS
Silver	ND(1.00)	ND(1.10)	ND(1.00)	ND(1.30)	NS
Sulfide	38.0	130 J	36.0 J	57.0 J	NS
Thallium	3.70	ND(2.20)	ND(2.00)	ND(2.60)	NS
Tin	38.0	150	25.0	6.60 B	NS
Vanadium	11.0	9.10	ND(5.00)	8.60	NS
Zinc	1900	280	61.0	49.0	NS

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-F93 1-3 09/30/02	RAA13-F93 3-6 09/30/02	RAA13-F96 0-1 09/26/02	RAA13-G90 0-1 10/15/02	RAA13-G92 0-1 10/01/02
Volatile Organics						
1,1,1,2-Tetrachloroethane		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
1,1,1-Trichloroethane		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
1,1,2,2-Tetrachloroethane		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
1,1,2-Trichloroethane		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
1,1-Dichloroethane		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
1,1-Dichloroethene		ND(0.0069)	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078)]
1,2,3-Trichloropropane		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
1,2-Dibromo-3-chloropropane		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
1,2-Dibromoethane		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
1,2-Dichloroethane		ND(0.0069)	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078)]
1,2-Dichloropropane		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
1,4-Dioxane		ND(0.14) J	NS	ND(0.11)	ND(0.14)	ND(0.16) J [ND(0.16) J]
2-Butanone		ND(0.014) J	NS	ND(0.011)	ND(0.014)	ND(0.016) [ND(0.016) J]
2-Chloro-1,3-butadiene		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
2-Chloroethylvinylether		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
2-Hexanone		ND(0.014) J	NS	ND(0.011)	ND(0.014)	ND(0.016) J [ND(0.016) J]
3-Chloropropene		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
4-Methyl-2-pentanone		ND(0.014) J	NS	ND(0.011)	ND(0.014)	ND(0.016) J [ND(0.016) J]
Acetone		ND(0.028) J	NS	ND(0.022)	ND(0.029)	ND(0.031) J [0.032 J]
Acetonitrile		ND(0.14) J	NS	ND(0.11)	ND(0.14)	ND(0.16) [ND(0.16) J]
Acrolein		ND(0.14) J	NS	ND(0.11) J	ND(0.14) J	ND(0.16) J [ND(0.16) J]
Acrylonitrile		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
Benzene		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
Bromodichloromethane		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
Bromoform		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
Bromomethane		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
Carbon Disulfide		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
Carbon Tetrachloride		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
Chlorobenzene		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
Chloroethane		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
Chloroform		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
Chloromethane		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
cis-1,3-Dichloropropene		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
Dibromochloromethane		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
Dibromomethane		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
Dichlorodifluoromethane		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
Ethyl Methacrylate		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
Ethylbenzene		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
Iodomethane		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
Isobutanol		ND(0.14) J	NS	ND(0.11)	ND(0.14)	ND(0.16) [ND(0.16) J]
Methacrylonitrile		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
Methyl Methacrylate		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
Methylene Chloride		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
Propionitrile		ND(0.014) J	NS	ND(0.011)	ND(0.014)	ND(0.016) J [ND(0.016) J]
Styrene		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
Tetrachloroethene		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
Toluene		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
trans-1,2-Dichloroethene		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
trans-1,3-Dichloropropene		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) J [ND(0.0078) J]
trans-1,4-Dichloro-2-butene		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
Trichloroethene		0.0086 J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [0.0087 J]
Trichlorofluoromethane		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
Vinyl Acetate		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072) J	ND(0.0078) [ND(0.0078) J]
Vinyl Chloride		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]
Xylenes (total)		ND(0.0069) J	NS	ND(0.0055)	ND(0.0072)	ND(0.0078) [ND(0.0078) J]

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-F93 1-3 09/30/02	RAA13-F93 3-6 09/30/02	RAA13-F96 0-1 09/26/02	RAA13-G90 0-1 10/15/02	RAA13-G92 0-1 10/01/02
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
1,2,4-Trichlorobenzene	10	NS	ND(0.44)	ND(0.48)	6.8 [2.5]
1,2-Dichlorobenzene	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
1,2-Diphenylhydrazine	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
1,3,5-Trinitrobenzene	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
1,3-Dichlorobenzene	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
1,3-Dinitrobenzene	ND(0.93)	NS	ND(0.74)	ND(0.96)	ND(1.0) [ND(1.0)]
1,4-Dichlorobenzene	0.15 J	NS	ND(0.44)	ND(0.48)	0.13 J [ND(0.62)]
1,4-Naphthoquinone	ND(0.93)	NS	ND(0.74)	ND(0.96)	ND(1.0) [ND(1.0)]
1-Naphthylamine	ND(0.93)	NS	ND(0.74)	ND(0.96)	ND(1.0) [ND(1.0)]
2,3,4,6-Tetrachlorophenol	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
2,4,5-Trichlorophenol	ND(0.51) J	NS	ND(0.44) J	ND(0.48)	ND(0.63) [ND(0.62)]
2,4,6-Trichlorophenol	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
2,4-Dichlorophenol	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
2,4-Dimethylphenol	ND(0.51)	NS	ND(0.44)	ND(0.48)	0.18 J [ND(0.62)]
2,4-Dinitrophenol	ND(2.5)	NS	ND(2.2)	ND(2.4)	ND(3.1) [ND(3.1)]
2,4-Dinitrotoluene	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
2,6-Dichlorophenol	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
2,6-Dinitrotoluene	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
2-Acetylaminofluorene	ND(0.93)	NS	ND(0.74) J	ND(0.96)	ND(1.0) [ND(1.0)]
2-Chloronaphthalene	0.19 J	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
2-Chlorophenol	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
2-Methylnaphthalene	ND(0.51)	NS	ND(0.44)	ND(0.48)	0.13 J [0.14 J]
2-Methylphenol	0.14 J	NS	ND(0.44)	ND(0.48)	0.60 J [0.55 J]
2-Naphthylamine	ND(0.93)	NS	ND(0.74)	ND(0.96)	ND(1.0) [ND(1.0)]
2-Nitroaniline	ND(2.5)	NS	ND(2.2)	ND(2.4)	ND(3.1) [ND(3.1)]
2-Nitrophenol	ND(0.93)	NS	ND(0.74)	ND(0.96)	ND(1.0) [ND(1.0)]
2-Picoline	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
3&4-Methylphenol	0.14 J	NS	ND(0.74)	ND(0.96)	0.85 J [0.53 J]
3,3'-Dichlorobenzidine	ND(1.0)	NS	ND(0.88) J	ND(0.96)	ND(1.2) [0.70 J]
3,3'-Dimethylbenzidine	ND(0.51)	NS	ND(0.44) J	ND(0.48)	ND(0.63) [ND(0.62)]
3-Methylcholanthrene	ND(0.93)	NS	ND(0.74)	ND(0.96)	ND(1.0) [ND(1.0)]
3-Nitroaniline	ND(2.5)	NS	ND(2.2)	ND(2.4)	ND(3.1) [ND(3.1)]
4,6-Dinitro-2-methylphenol	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
4-Aminobiphenyl	ND(0.93)	NS	ND(0.74)	ND(0.96)	ND(1.0) [ND(1.0)]
4-Bromophenyl-phenylether	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
4-Chloro-3-Methylphenol	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
4-Chloroaniline	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
4-Chlorobenzilate	ND(0.93)	NS	ND(0.74)	ND(0.96)	ND(1.0) [ND(1.0)]
4-Chlorophenyl-phenylether	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
4-Nitroaniline	ND(2.4)	NS	ND(1.9)	ND(2.4)	ND(2.7) [ND(2.6)]
4-Nitrophenol	ND(2.5)	NS	ND(2.2)	ND(2.4)	ND(3.1) [ND(3.1)]
4-Nitroquinoline-1-oxide	ND(0.93) J	NS	ND(0.74) J	ND(0.96)	ND(1.0) [ND(1.0)]
4-Phenylenediamine	ND(0.93) J	NS	ND(0.74) J	ND(0.96) J	ND(1.0) J [ND(1.0) J]
5-Nitro-o-toluidine	ND(0.93)	NS	ND(0.74)	ND(0.96)	ND(1.0) [ND(1.0)]
7,12-Dimethylbenz(a)anthracene	ND(0.93)	NS	ND(0.74)	ND(0.96)	ND(1.0) [ND(1.0)]
a,a'-Dimethylphenethylamine	ND(0.93)	NS	ND(0.74)	ND(0.96)	ND(1.0) J [ND(1.0) J]
Acenaphthene	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
Acenaphthylene	0.25 J	NS	0.19 J	ND(0.48)	0.24 J [0.34 J]
Acetophenone	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
Aniline	0.46 J	NS	0.31 J	ND(0.48)	5.9 [4.5]
Anthracene	0.14 J	NS	0.15 J	ND(0.48)	0.30 J [0.40 J]
Aramite	ND(0.93)	NS	ND(0.74) J	ND(0.96)	ND(1.0) [ND(1.0)]
Benzidine	ND(1.0) J	NS	ND(0.88) J	ND(0.96)	ND(1.2) J [ND(1.2) J]
Benzo(a)anthracene	ND(0.51)	NS	0.47	ND(0.48)	0.94 [1.4]
Benzo(a)pyrene	0.67	NS	0.42 J	ND(0.48)	1.1 [1.6]
Benzo(b)fluoranthene	0.76	NS	0.42 J	ND(0.48)	1.6 [2.5]
Benzo(g,h,i)perylene	1.2	NS	0.28 J	ND(0.48)	0.82 [1.1]

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample/Location ID:	RAA13-F93	RAA13-F93	RAA13-F96	RAA13-G90	RAA13-G92
Sample Depth(Feet):	1-3	3-6	0-1	0-1	0-1
Parameter Date Collected:	09/30/02	09/30/02	09/26/02	10/15/02	10/01/02
Semivolatile Organics(continued)					
Benzo(k)fluoranthene	0.25 J	NS	0.18 J	ND(0.48)	0.69 [0.96]
Benzyl Alcohol	ND(1.0)	NS	ND(0.88)	ND(0.96)	ND(1.2) [ND(1.2)]
bis(2-Chloroethoxy)methane	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
bis(2-Chloroethyl)ether	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
bis(2-Chloroisopropyl)ether	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
bis(2-Ethylhexyl)phthalate	ND(0.46)	NS	ND(0.36)	ND(0.47)	ND(0.52) [ND(0.51)]
Butylbenzylphthalate	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
Chrysene	ND(0.51)	NS	0.56	ND(0.48)	1.5 [2.0]
Diallate	ND(0.93)	NS	ND(0.74)	ND(0.96)	ND(1.0) [ND(1.0)]
Dibenzo(a,h)anthracene	ND(0.51)	NS	ND(0.44)	ND(0.48)	0.22 J [0.26 J]
Dibenzofuran	ND(0.51)	NS	ND(0.44)	ND(0.48)	0.15 J [ND(0.62)]
Diethylphthalate	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
Dimethylphthalate	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
Di-n-Butylphthalate	0.95	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
Di-n-Octylphthalate	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
Diphenylamine	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
Ethyl Methanesulfonate	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
Fluoranthene	0.37 J	NS	0.97	ND(0.48)	2.8 [4.7]
Fluorene	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [0.17 J]
Hexachlorobenzene	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
Hexachlorobutadiene	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
Hexachlorocyclopentadiene	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
Hexachloroethane	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
Hexachlorophene	ND(1.0) J	NS	ND(0.88) J	ND(0.96) J	ND(1.2) J [ND(1.2) J]
Hexachloropropene	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
Indeno(1,2,3-cd)pyrene	0.79	NS	0.19 J	ND(0.48)	0.66 [0.95]
Isodrin	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
Isophorone	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
Isosafrole	ND(0.93)	NS	ND(0.74)	ND(0.96)	ND(1.0) [ND(1.0)]
Methapyrilene	ND(0.93)	NS	ND(0.74)	ND(0.96)	ND(1.0) [ND(1.0)]
Methyl Methanesulfonate	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
Naphthalene	ND(0.51)	NS	ND(0.44)	ND(0.48)	0.25 J [0.25 J]
Nitrobenzene	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
N-Nitrosodiethylamine	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
N-Nitrosodimethylamine	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
N-Nitroso-di-n-butylamine	ND(0.93)	NS	ND(0.74)	ND(0.96)	ND(1.0) [ND(1.0)]
N-Nitroso-di-n-propylamine	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
N-Nitrosodiphenylamine	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
N-Nitrosomethylethylamine	ND(0.93)	NS	ND(0.74)	ND(0.96)	ND(1.0) [ND(1.0)]
N-Nitrosomorpholine	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
N-Nitrosopiperidine	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
N-Nitrosopyrrolidine	ND(0.93)	NS	ND(0.74)	ND(0.96)	ND(1.0) [ND(1.0)]
o,o,o-Triethylphosphorothioate	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
o-Toluidine	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
p-Dimethylaminoazobenzene	ND(0.93)	NS	ND(0.74)	ND(0.96)	ND(1.0) [ND(1.0)]
Pentachlorobenzene	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
Pentachloroethane	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
Pentachloronitrobenzene	ND(0.93)	NS	ND(0.74)	ND(0.96)	ND(1.0) [ND(1.0)]
Pentachlorophenol	ND(2.5)	NS	ND(2.2)	ND(2.4)	ND(3.1) [ND(3.1)]
Phenacetin	ND(0.93)	NS	ND(0.74)	ND(0.96)	ND(1.0) [ND(1.0)]
Phenanthrene	ND(0.51)	NS	0.70	ND(0.48)	1.4 [2.4]
Phenol	0.67	NS	ND(0.44)	ND(0.48)	1.8 [0.94]
Pronamide	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
Pyrene	0.63	NS	1.4	ND(0.48)	2.7 [4.4]
Pyridine	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
Safrole	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]
Thionazin	ND(0.51)	NS	ND(0.44)	ND(0.48)	ND(0.63) [ND(0.62)]

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-F93 1-3 09/30/02	RAA13-F93 3-6 09/30/02	RAA13-F96 0-1 09/26/02	RAA13-G90 0-1 10/15/02	RAA13-G92 0-1 10/01/02
Furans					
2,3,7,8-TCDF	0.00014 YI	0.00057 Y	0.00097 YEJ	0.000024 Y	0.014 Y [0.014 YEJ]
TCDFs (total)	0.0031 I	0.014 QI	0.0078	0.00021	0.10 I [0.099 I]
1,2,3,7,8-PeCDF	0.00031	0.00098	0.00049	0.0000076	0.0055 [0.0062]
2,3,4,7,8-PeCDF	0.00091	0.0044	0.00080	0.0000094	0.0084 [0.0095]
PeCDFs (total)	0.013 Q	0.021 Q	0.0074 Q	0.00010	0.075 I [0.078 I]
1,2,3,4,7,8-HxCDF	0.0074 EJ	0.012 EJ	0.0010	0.0000084	0.012 [0.014 EIJ]
1,2,3,6,7,8-HxCDF	0.0017	0.0035	0.00058	0.0000050 J	0.0067 [0.0075]
1,2,3,7,8,9-HxCDF	0.0012 Q	0.0030	0.00016	ND(0.00000075)	0.00095 [0.0010]
2,3,4,6,7,8-HxCDF	0.0017	0.0020	0.00053	0.0000047 J	0.0035 [0.0042]
HxCDFs (total)	0.051 Q	0.043 I	0.0058	0.000066	0.059 [0.066 I]
1,2,3,4,6,7,8-HpCDF	0.013 EJ	0.0091	0.0017	0.000017	0.011 [0.015 EIJ]
1,2,3,4,7,8,9-HpCDF	0.0084 EJ	0.0080	0.00022	0.0000018 J	0.0018 [0.0019]
HpCDFs (total)	0.047	0.035	0.0025	0.000031	0.016 [0.022 I]
OCDF	0.052 EIJ	0.041 EJ	0.0010	0.000018	0.011 [0.0093]
Dioxins					
2,3,7,8-TCDD	0.000058	ND(0.00015) X	0.0000079	0.00000062 J	0.000083 [0.000077]
TCDDs (total)	0.0016	0.0073 Q	0.00026	0.0000098	0.0020 Q [0.0017]
1,2,3,7,8-PeCDD	0.0010	ND(0.0020) X	0.000037	ND(0.0000010) X	ND(0.00015) X [ND(0.00026) X]
PeCDDs (total)	0.0057 Q	0.0076 Q	0.00050 Q	0.0000080	0.0020 Q [0.0024]
1,2,3,4,7,8-HxCDD	0.00081	0.00077	0.000045	ND(0.00000067) X	0.00013 [0.00018]
1,2,3,6,7,8-HxCDD	0.0018	0.0036	0.000073	0.0000016 J	0.00023 [0.00031]
1,2,3,7,8,9-HxCDD	0.0018	0.0018	0.000057	0.0000012 J	0.00017 [0.00024]
HxCDDs (total)	0.022	0.031	0.00097	0.000018	0.0034 [0.0044]
1,2,3,4,6,7,8-HpCDD	0.0071 EJ	0.0055	0.00042	0.000020	0.0012 [0.0016]
HpCDDs (total)	0.017	0.012	0.00086	0.000037	0.0026 [0.0036]
OCDD	0.012 EJ	0.0062	0.00068	0.00011	0.0030 [0.0036]
Total TEQs (WHO TEFs)	0.0035	0.0063	0.00083	0.000011	0.0085 [0.0096]
Inorganics					
Antimony	ND(6.00)	NS	1.10 B	ND(6.00)	15.0 [27.0]
Arsenic	1.60	NS	5.60	5.50	11.0 J [17.0 J]
Barium	22.0	NS	25.0 J	190	390 [460]
Beryllium	0.0890 B	NS	0.150 B	ND(0.500)	0.630 [0.730]
Cadmium	ND(0.500)	NS	ND(0.500)	0.630	7.50 [9.60]
Chromium	8.00	NS	6.80	24.0	180 [180]
Cobalt	ND(5.00)	NS	8.40	ND(5.00)	24.0 [34.0]
Copper	88.0	NS	42.0	58.0	1800 [2500]
Cyanide	0.140	NS	ND(0.220)	0.170	0.800 [0.510]
Lead	71.0	NS	27.0 J	110	3000 [5700]
Mercury	3.50	NS	0.310	0.0780 B	13.0 [17.0]
Nickel	9.60	NS	14.0	12.0	150 [170]
Selenium	ND(1.00)	NS	ND(1.00)	ND(1.10) J	ND(1.20) J [ND(1.20) J]
Silver	ND(1.00)	NS	ND(1.00)	ND(1.10)	7.20 [11.0]
Sulfide	49.0	NS	30.0	ND(7.20)	35 J [62 J]
Thallium	ND(2.10)	NS	ND(1.60) J	ND(2.20)	3.60 J [3.40 J]
Tin	66.0	NS	3.80 B	ND(11.0)	110 [140]
Vanadium	ND(5.00)	NS	6.20	14.0	20.0 [26.0]
Zinc	140	NS	76.0	400	2400 [3100]

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample/Location ID: Sample Depth(Feet): Parameter Date Collected:	RAA13-G94 0-1 09/30/02	RAA13-H89 0-1 10/23/02	RAA13-H89 1-3 10/23/02	RAA13-H89 6-10 10/23/02
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
1,1,1-Trichloroethane	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
1,1,2,2-Tetrachloroethane	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
1,1,2-Trichloroethane	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
1,1-Dichloroethane	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
1,1-Dichloroethene	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
1,2,3-Trichloropropane	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
1,2-Dibromo-3-chloropropane	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
1,2-Dibromoethane	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
1,2-Dichloroethane	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
1,2-Dichloropropane	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
1,4-Dioxane	ND(0.14) J	ND(0.14)	ND(0.12)	NS
2-Butanone	ND(0.014)	ND(0.014)	ND(0.012)	NS
2-Chloro-1,3-butadiene	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
2-Chloroethylvinylether	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
2-Hexanone	ND(0.014) J	ND(0.014)	ND(0.012)	NS
3-Chloropropene	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
4-Methyl-2-pentanone	ND(0.014) J	ND(0.014)	ND(0.012)	NS
Acetone	ND(0.027) J	ND(0.029)	ND(0.025)	NS
Acetonitrile	ND(0.14) J	ND(0.14)	ND(0.12)	NS
Acrolein	ND(0.14) J	ND(0.14) J	ND(0.12) J	NS
Acrylonitrile	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
Benzene	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
Bromodichloromethane	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
Bromoform	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
Bromomethane	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
Carbon Disulfide	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
Carbon Tetrachloride	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
Chlorobenzene	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
Chloroethane	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
Chloroform	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
Chloromethane	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
cis-1,3-Dichloropropene	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
Dibromochloromethane	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
Dibromomethane	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
Dichlorodifluoromethane	ND(0.0068)	ND(0.0072) J	ND(0.0062) J	NS
Ethyl Methacrylate	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
Ethylbenzene	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
Iodomethane	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
Isobutanol	ND(0.14)	ND(0.14)	ND(0.12)	NS
Methacrylonitrile	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
Methyl Methacrylate	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
Methylene Chloride	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
Propionitrile	ND(0.014) J	ND(0.014)	ND(0.012)	NS
Styrene	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
Tetrachloroethene	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
Toluene	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
trans-1,2-Dichloroethene	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
trans-1,3-Dichloropropene	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
trans-1,4-Dichloro-2-butene	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
Trichloroethene	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
Trichlorofluoromethane	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
Vinyl Acetate	ND(0.0068)	ND(0.0072) J	ND(0.0062) J	NS
Vinyl Chloride	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS
Xylenes (total)	ND(0.0068)	ND(0.0072)	ND(0.0062)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-G94 0-1 09/30/02	RAA13-H89 0-1 10/23/02	RAA13-H89 1-3 10/23/02	RAA13-H89 6-10 10/23/02
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
1,2,4-Trichlorobenzene	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
1,2-Dichlorobenzene	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
1,2-Diphenylhydrazine	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
1,3,5-Trinitrobenzene	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
1,3-Dichlorobenzene	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
1,3-Dinitrobenzene	ND(0.91)	ND(0.97)	ND(0.83)	ND(0.87) [ND(0.84)]
1,4-Dichlorobenzene	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
1,4-Naphthoquinone	ND(0.91)	ND(0.97) J	ND(0.83) J	ND(0.87) [ND(0.84)]
1-Naphthylamine	ND(0.91)	ND(0.97)	ND(0.83)	ND(0.87) [ND(0.84)]
2,3,4,6-Tetrachlorophenol	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
2,4,5-Trichlorophenol	ND(0.45) J	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
2,4,6-Trichlorophenol	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
2,4-Dichlorophenol	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
2,4-Dimethylphenol	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
2,4-Dinitrophenol	ND(2.3)	ND(2.4) J	ND(2.1) J	ND(2.2) [ND(2.1)]
2,4-Dinitrotoluene	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
2,6-Dichlorophenol	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
2,6-Dinitrotoluene	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
2-Acetylaminofluorene	ND(0.91)	ND(0.97) J	ND(0.83) J	ND(0.87) [ND(0.84)]
2-Chloronaphthalene	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
2-Chlorophenol	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
2-Methylnaphthalene	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
2-Methylphenol	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
2-Naphthylamine	ND(0.91)	ND(0.97)	ND(0.83)	ND(0.87) [ND(0.84)]
2-Nitroaniline	ND(2.3)	ND(2.4)	ND(2.1)	ND(2.2) [ND(2.1)]
2-Nitrophenol	ND(0.91)	ND(0.97)	ND(0.83)	ND(0.87) [ND(0.84)]
2-Picoline	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
3&4-Methylphenol	ND(0.91)	ND(0.97)	ND(0.83)	ND(0.87) [ND(0.84)]
3,3'-Dichlorobenzidine	ND(0.91)	ND(0.97)	ND(0.83)	ND(0.87) [ND(0.84)]
3,3'-Dimethylbenzidine	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) J [ND(0.42) J]
3-Methylcholanthrene	ND(0.91)	ND(0.97)	ND(0.83)	ND(0.87) [ND(0.84)]
3-Nitroaniline	ND(2.3)	ND(2.4)	ND(2.1)	ND(2.2) [ND(2.1)]
4,6-Dinitro-2-methylphenol	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
4-Aminobiphenyl	ND(0.91)	ND(0.97)	ND(0.83)	ND(0.87) [ND(0.84)]
4-Bromophenyl-phenylether	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
4-Chloro-3-Methylphenol	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
4-Chloroaniline	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
4-Chlorobenzilate	ND(0.91)	ND(0.97)	ND(0.83)	ND(0.87) [ND(0.84)]
4-Chlorophenyl-phenylether	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
4-Nitroaniline	ND(2.3)	ND(2.4)	ND(2.1)	ND(2.2) [ND(2.1)]
4-Nitrophenol	ND(2.3)	ND(2.4) J	ND(2.1) J	ND(2.2) [ND(2.1)]
4-Nitroquinoline-1-oxide	ND(0.91) J	ND(0.97)	ND(0.83)	ND(0.87) J [ND(0.84) J]
4-Phenylenediamine	ND(0.91) J	ND(0.97) J	ND(0.83) J	ND(0.87) J [ND(0.84) J]
5-Nitro-o-toluidine	ND(0.91)	ND(0.97)	ND(0.83)	ND(0.87) [ND(0.84)]
7,12-Dimethylbenz(a)anthracene	ND(0.91)	ND(0.97)	ND(0.83)	ND(0.87) [ND(0.84)]
a,a'-Dimethylphenethylamine	ND(0.91)	ND(0.97)	ND(0.83)	ND(0.87) [ND(0.84)]
Acenaphthene	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Acenaphthylene	0.19 J	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Acetophenone	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Aniline	0.22 J	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Anthracene	0.39 J	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Aramite	ND(0.91)	ND(0.97) J	ND(0.83) J	ND(0.87) [ND(0.84)]
Benzidine	ND(0.91) J	ND(0.97)	ND(0.83)	ND(0.87) [ND(0.84)]
Benzo(a)anthracene	1.9	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Benzo(a)pyrene	1.3	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Benzo(b)fluoranthene	1.4	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Benzo(g,h,i)perylene	0.79	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample/Location ID:	RAA13-G94	RAA13-H89	RAA13-H89	RAA13-H89
Sample Depth(Feet):	0-1	0-1	1-3	6-10
Parameter Date Collected:	09/30/02	10/23/02	10/23/02	10/23/02
Semivolatile Organics(continued)				
Benzo(k)fluoranthene	0.56	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Benzyl Alcohol	ND(0.91)	ND(0.97)	ND(0.83)	ND(0.87) [ND(0.84)]
bis(2-Chloroethoxy)methane	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
bis(2-Chloroethyl)ether	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
bis(2-Chloroisopropyl)ether	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
bis(2-Ethylhexyl)phthalate	ND(0.45)	ND(0.48)	ND(0.41)	ND(0.43) [ND(0.41)]
Butylbenzylphthalate	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) J [ND(0.42) J]
Chrysene	1.8	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Diallate	ND(0.91)	ND(0.97)	ND(0.83)	ND(0.87) [ND(0.84)]
Dibenzo(a,h)anthracene	0.19 J	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Dibenzofuran	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Diethylphthalate	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Dimethylphthalate	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Di-n-Butylphthalate	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Di-n-Octylphthalate	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Diphenylamine	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Ethyl Methanesulfonate	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Fluoranthene	3.6	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Fluorene	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Hexachlorobenzene	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Hexachlorobutadiene	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Hexachlorocyclopentadiene	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Hexachloroethane	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Hexachlorophene	ND(0.91) J	ND(0.97) J	ND(0.83) J	ND(0.87) J [ND(0.84) J]
Hexachloropropene	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Indeno(1,2,3-cd)pyrene	0.67	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Isodrin	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Isophorone	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Isosafrole	ND(0.91)	ND(0.97)	ND(0.83)	ND(0.87) [ND(0.84)]
Methapyrilene	ND(0.91)	ND(0.97)	ND(0.83)	ND(0.87) [ND(0.84)]
Methyl Methanesulfonate	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Naphthalene	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Nitrobenzene	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
N-Nitrosodiethylamine	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
N-Nitrosodimethylamine	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
N-Nitroso-di-n-butylamine	ND(0.91)	ND(0.97)	ND(0.83)	ND(0.87) [ND(0.84)]
N-Nitroso-di-n-propylamine	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
N-Nitrosodiphenylamine	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
N-Nitrosomethylethylamine	ND(0.91)	ND(0.97) J	ND(0.83) J	ND(0.87) [ND(0.84)]
N-Nitrosomorpholine	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
N-Nitrosopiperidine	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
N-Nitrosopyrrolidine	ND(0.91)	ND(0.97)	ND(0.83)	ND(0.87) [ND(0.84)]
o,o,o-Triethylphosphorothioate	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
o-Toluidine	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
p-Dimethylaminoazobenzene	ND(0.91)	ND(0.97)	ND(0.83)	ND(0.87) [ND(0.84)]
Pentachlorobenzene	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Pentachloroethane	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Pentachloronitrobenzene	ND(0.91)	ND(0.97)	ND(0.83)	ND(0.87) [ND(0.84)]
Pentachlorophenol	ND(2.3)	ND(2.4)	ND(2.1)	ND(2.2) [ND(2.1)]
Phenacetin	ND(0.91)	ND(0.97)	ND(0.83)	ND(0.87) [ND(0.84)]
Phenanthrene	1.2	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Phenol	0.094 J	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Pronamide	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Pyrene	4.3	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Pyridine	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Safrole	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]
Thionazin	ND(0.45)	ND(0.48)	ND(0.42)	ND(0.43) [ND(0.42)]

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-G94 0-1 09/30/02	RAA13-H89 0-1 10/23/02	RAA13-H89 1-3 10/23/02	RAA13-H89 6-10 10/23/02
Furans				
2,3,7,8-TCDF	0.000017 Y	0.000080 YI	0.0000014 Y	0.00000031 J [0.00000032 J]
TCDFs (total)	0.00018 I	0.00067	0.0000065	0.0000022 [0.0000024]
1,2,3,7,8-PeCDF	0.0000063	0.000046	0.00000067 J	0.00000019 J [ND(0.00000028) X]
2,3,4,7,8-PeCDF	0.000010	0.000035	0.00000042 J	0.00000062 J [0.00000069 J]
PeCDFs (total)	0.00018 QI	0.00041 QI	0.0000038	0.0000057 [0.0000075]
1,2,3,4,7,8-HxCDF	0.000014	0.000036	0.00000045 J	0.00000060 J [0.00000058 J]
1,2,3,6,7,8-HxCDF	0.0000097	0.000019	0.00000021 J	ND(0.00000048) X [0.00000051 J]
1,2,3,7,8,9-HxCDF	0.0000016 J	0.0000059	ND(0.00000025)	ND(0.00000027) [ND(0.00000026)]
2,3,4,6,7,8-HxCDF	0.000013	0.000019	0.00000022 J	0.00000067 J [0.00000086 J]
HxCDFs (total)	0.00025	0.00028	0.0000026	0.0000079 [0.0000099]
1,2,3,4,6,7,8-HpCDF	0.000027	0.000050	0.00000050 J	0.0000010 J [0.0000011 J]
1,2,3,4,7,8,9-HpCDF	0.0000045 J	0.0000061	ND(0.00000025)	ND(0.00000025) [ND(0.00000030)]
HpCDFs (total)	0.000063	0.00011	0.00000050	0.0000025 [0.0000026]
OCDF	0.000028	0.000083	0.00000052 J	0.0000011 J [0.0000011 J]
Dioxins				
2,3,7,8-TCDD	ND(0.00000036)	ND(0.00000091) X	ND(0.000000099)	ND(0.00000012) X [ND(0.00000011)]
TCDDs (total)	0.0000023	0.000022	ND(0.00000017)	ND(0.00000021) [ND(0.00000016)]
1,2,3,7,8-PeCDD	ND(0.00000056)	ND(0.0000019) X	ND(0.00000025)	ND(0.000000090) X [ND(0.00000026)]
PeCDDs (total)	0.0000029 Q	0.000018	ND(0.00000030)	ND(0.00000029) [0.00000011]
1,2,3,4,7,8-HxCDD	ND(0.00000039) X	0.0000014 J	ND(0.00000025)	ND(0.00000027) [ND(0.00000026)]
1,2,3,6,7,8-HxCDD	ND(0.0000011) X	0.0000037	ND(0.00000025)	0.00000015 J [ND(0.00000026)]
1,2,3,7,8,9-HxCDD	ND(0.00000078) X	0.0000023 J	ND(0.00000025)	0.00000012 J [ND(0.00000026)]
HxCDDs (total)	0.0000035	0.000036	ND(0.00000031)	0.00000039 [ND(0.00000044)]
1,2,3,4,6,7,8-HpCDD	0.000014	0.000051	ND(0.00000056)	ND(0.00000040) [ND(0.00000036) X]
HpCDDs (total)	0.000037	0.00010	0.0000010	ND(0.00000068) [ND(0.0000022)]
OCDD	0.00012	0.00036	ND(0.0000029)	ND(0.0000015) [ND(0.00000019)]
Total TEQs (WHO TEFs)	0.000012	0.000039	0.00000071	0.00000067 [0.00000083]
Inorganics				
Antimony	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00) [ND(6.00)]
Arsenic	7.80	9.60	3.40	3.10 [2.50]
Barium	38.0	64.0	ND(20.0)	ND(20.0) [ND(20.0)]
Beryllium	ND(0.500)	1.20	ND(0.500)	ND(0.500) [ND(0.500)]
Cadmium	ND(0.500)	1.90	0.720	0.560 [ND(0.500)]
Chromium	10.0	16.0	9.20	7.00 [6.60]
Cobalt	8.80	13.0	9.80	9.80 [8.80]
Copper	37.0	45.0	21.0	19.0 [19.0]
Cyanide	0.160	0.390	ND(0.120)	ND(0.130) [ND(0.120)]
Lead	110	85.0	12.0	7.30 [7.90]
Mercury	0.290	0.410	ND(0.120)	ND(0.130) [ND(0.120)]
Nickel	15.0	22.0	14.0	14.0 [12.0]
Selenium	ND(1.00)	1.10 B	ND(1.00)	ND(1.00) [ND(1.00)]
Silver	ND(1.00)	0.790 B	ND(1.00)	ND(1.00) [ND(1.00)]
Sulfide	26.0	16.0 J	22.0 J	27.0 J [12.0 J]
Thallium	ND(2.00)	ND(2.20)	ND(1.90)	ND(1.90) [ND(1.90)]
Tin	ND(10.0)	20.0	5.40 B	4.90 B [4.50 B]
Vanadium	10.0	16.0	7.70	6.00 [5.10]
Zinc	92.0	140	50.0	47.0 [44.0]

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-H89 8-10 10/23/02	RAA13-H93 6-10 09/30/02	RAA13-H93 10-15 09/30/02	RAA13-I92 0-1 10/15/02
Volatile Organics					
1,1,1,2-Tetrachloroethane		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
1,1,1-Trichloroethane		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
1,1,2,2-Tetrachloroethane		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
1,1,2-Trichloroethane		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
1,1-Dichloroethane		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
1,1-Dichloroethene		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
1,2,3-Trichloropropane		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
1,2-Dibromo-3-chloropropane		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
1,2-Dibromoethane		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
1,2-Dichloroethane		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
1,2-Dichloropropane		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
1,4-Dioxane		ND(0.13) [ND(0.12)]	NS	NS	ND(0.13)
2-Butanone		ND(0.013) [ND(0.012)]	NS	NS	ND(0.013)
2-Chloro-1,3-butadiene		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
2-Chloroethylvinylether		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
2-Hexanone		ND(0.013) [ND(0.012)]	NS	NS	ND(0.013)
3-Chloropropene		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
4-Methyl-2-pentanone		ND(0.013) [ND(0.012)]	NS	NS	ND(0.013)
Acetone		ND(0.026) [ND(0.025)]	NS	NS	0.012 J
Acetonitrile		ND(0.13) J [ND(0.12)]	NS	NS	ND(0.13)
Acrolein		ND(0.13) J [ND(0.12) J]	NS	NS	ND(0.13) J
Acrylonitrile		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
Benzene		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
Bromodichloromethane		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
Bromoform		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
Bromomethane		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
Carbon Disulfide		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
Carbon Tetrachloride		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
Chlorobenzene		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
Chloroethane		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
Chloroform		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
Chloromethane		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
cis-1,3-Dichloropropene		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
Dibromochloromethane		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
Dibromomethane		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
Dichlorodifluoromethane		ND(0.0065) [ND(0.0063) J]	NS	NS	ND(0.0066)
Ethyl Methacrylate		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
Ethylbenzene		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
Iodomethane		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
Isobutanol		ND(0.13) [ND(0.12)]	NS	NS	ND(0.13)
Methacrylonitrile		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
Methyl Methacrylate		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
Methylene Chloride		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
Propionitrile		ND(0.013) [ND(0.012)]	NS	NS	ND(0.013)
Styrene		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
Tetrachloroethene		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
Toluene		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
trans-1,2-Dichloroethene		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
trans-1,3-Dichloropropene		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
trans-1,4-Dichloro-2-butene		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
Trichloroethene		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
Trichlorofluoromethane		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
Vinyl Acetate		ND(0.0065) J [ND(0.0063) J]	NS	NS	ND(0.0066) J
Vinyl Chloride		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)
Xylenes (total)		ND(0.0065) [ND(0.0063)]	NS	NS	ND(0.0066)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-H89 8-10 10/23/02	RAA13-H93 6-10 09/30/02	RAA13-H93 10-15 09/30/02	RAA13-I92 0-1 10/15/02
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	ND(0.44)
1,2,4-Trichlorobenzene	NS	NS	NS	ND(0.44)
1,2-Dichlorobenzene	NS	NS	NS	ND(0.44)
1,2-Diphenylhydrazine	NS	NS	NS	ND(0.44)
1,3,5-Trinitrobenzene	NS	NS	NS	ND(0.44)
1,3-Dichlorobenzene	NS	NS	NS	ND(0.44)
1,3-Dinitrobenzene	NS	NS	NS	ND(0.89)
1,4-Dichlorobenzene	NS	NS	NS	ND(0.44)
1,4-Naphthoquinone	NS	NS	NS	ND(0.89)
1-Naphthylamine	NS	NS	NS	ND(0.89)
2,3,4,6-Tetrachlorophenol	NS	NS	NS	ND(0.44)
2,4,5-Trichlorophenol	NS	NS	NS	ND(0.44)
2,4,6-Trichlorophenol	NS	NS	NS	ND(0.44)
2,4-Dichlorophenol	NS	NS	NS	ND(0.44)
2,4-Dimethylphenol	NS	NS	NS	ND(0.44)
2,4-Dinitrophenol	NS	NS	NS	ND(2.2)
2,4-Dinitrotoluene	NS	NS	NS	ND(0.44)
2,6-Dichlorophenol	NS	NS	NS	ND(0.44)
2,6-Dinitrotoluene	NS	NS	NS	ND(0.44)
2-Acetylaminofluorene	NS	NS	NS	ND(0.89)
2-Chloronaphthalene	NS	NS	NS	ND(0.44)
2-Chlorophenol	NS	NS	NS	ND(0.44)
2-Methylnaphthalene	NS	NS	NS	ND(0.44)
2-Methylphenol	NS	NS	NS	ND(0.44)
2-Naphthylamine	NS	NS	NS	ND(0.89)
2-Nitroaniline	NS	NS	NS	ND(2.2)
2-Nitrophenol	NS	NS	NS	ND(0.89)
2-Picoline	NS	NS	NS	ND(0.44)
3&4-Methylphenol	NS	NS	NS	ND(0.89)
3,3'-Dichlorobenzidine	NS	NS	NS	ND(0.89)
3,3'-Dimethylbenzidine	NS	NS	NS	ND(0.44)
3-Methylcholanthrene	NS	NS	NS	ND(0.89)
3-Nitroaniline	NS	NS	NS	ND(2.2)
4,6-Dinitro-2-methylphenol	NS	NS	NS	ND(0.44)
4-Aminobiphenyl	NS	NS	NS	ND(0.89)
4-Bromophenyl-phenylether	NS	NS	NS	ND(0.44)
4-Chloro-3-Methylphenol	NS	NS	NS	ND(0.44)
4-Chloroaniline	NS	NS	NS	ND(0.44)
4-Chlorobenzilate	NS	NS	NS	ND(0.89)
4-Chlorophenyl-phenylether	NS	NS	NS	ND(0.44)
4-Nitroaniline	NS	NS	NS	ND(2.2)
4-Nitrophenol	NS	NS	NS	ND(2.2)
4-Nitroquinoline-1-oxide	NS	NS	NS	ND(0.89)
4-Phenylenediamine	NS	NS	NS	ND(0.89) J
5-Nitro-o-toluidine	NS	NS	NS	ND(0.89)
7,12-Dimethylbenz(a)anthracene	NS	NS	NS	ND(0.89)
a,a'-Dimethylphenethylamine	NS	NS	NS	ND(0.89)
Acenaphthene	NS	NS	NS	ND(0.44)
Acenaphthylene	NS	NS	NS	ND(0.44)
Acetophenone	NS	NS	NS	ND(0.44)
Aniline	NS	NS	NS	0.16 J
Anthracene	NS	NS	NS	ND(0.44)
Aramite	NS	NS	NS	ND(0.89)
Benzidine	NS	NS	NS	ND(0.89)
Benzo(a)anthracene	NS	NS	NS	0.092 J
Benzo(a)pyrene	NS	NS	NS	0.11 J
Benzo(b)fluoranthene	NS	NS	NS	ND(0.44)
Benzo(g,h,i)perylene	NS	NS	NS	ND(0.44)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample/Location ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA13-H89 8-10 10/23/02	RAA13-H93 6-10 09/30/02	RAA13-H93 10-15 09/30/02	RAA13-I92 0-1 10/15/02
Semivolatile Organics(continued)				
Benzo(k)fluoranthene	NS	NS	NS	ND(0.44)
Benzyl Alcohol	NS	NS	NS	ND(0.89)
bis(2-Chloroethoxy)methane	NS	NS	NS	ND(0.44)
bis(2-Chloroethyl)ether	NS	NS	NS	ND(0.44)
bis(2-Chloroisopropyl)ether	NS	NS	NS	ND(0.44)
bis(2-Ethylhexyl)phthalate	NS	NS	NS	ND(0.44)
Butylbenzylphthalate	NS	NS	NS	ND(0.44)
Chrysene	NS	NS	NS	0.17 J
Diallate	NS	NS	NS	ND(0.89)
Dibenzo(a,h)anthracene	NS	NS	NS	ND(0.44)
Dibenzofuran	NS	NS	NS	ND(0.44)
Diethylphthalate	NS	NS	NS	ND(0.44)
Dimethylphthalate	NS	NS	NS	ND(0.44)
Di-n-Butylphthalate	NS	NS	NS	ND(0.44)
Di-n-Octylphthalate	NS	NS	NS	ND(0.44)
Diphenylamine	NS	NS	NS	ND(0.44)
Ethyl Methanesulfonate	NS	NS	NS	ND(0.44)
Fluoranthene	NS	NS	NS	ND(0.44)
Fluorene	NS	NS	NS	ND(0.44)
Hexachlorobenzene	NS	NS	NS	ND(0.44)
Hexachlorobutadiene	NS	NS	NS	ND(0.44)
Hexachlorocyclopentadiene	NS	NS	NS	ND(0.44)
Hexachloroethane	NS	NS	NS	ND(0.44)
Hexachlorophene	NS	NS	NS	ND(0.89) J
Hexachloropropene	NS	NS	NS	ND(0.44)
Indeno(1,2,3-cd)pyrene	NS	NS	NS	ND(0.44)
Isodrin	NS	NS	NS	ND(0.44)
Isophorone	NS	NS	NS	ND(0.44)
Isosafrole	NS	NS	NS	ND(0.89)
Methapyrilene	NS	NS	NS	ND(0.89)
Methyl Methanesulfonate	NS	NS	NS	ND(0.44)
Naphthalene	NS	NS	NS	ND(0.44)
Nitrobenzene	NS	NS	NS	ND(0.44)
N-Nitrosodiethylamine	NS	NS	NS	ND(0.44)
N-Nitrosodimethylamine	NS	NS	NS	ND(0.44)
N-Nitroso-di-n-butylamine	NS	NS	NS	ND(0.89)
N-Nitroso-di-n-propylamine	NS	NS	NS	ND(0.44)
N-Nitrosodiphenylamine	NS	NS	NS	ND(0.44)
N-Nitrosomethylethylamine	NS	NS	NS	ND(0.89)
N-Nitrosomorpholine	NS	NS	NS	ND(0.44)
N-Nitrosopiperidine	NS	NS	NS	ND(0.44)
N-Nitrosopyrrolidine	NS	NS	NS	ND(0.89)
o,o,o-Triethylphosphorothioate	NS	NS	NS	ND(0.44)
o-Toluidine	NS	NS	NS	ND(0.44)
p-Dimethylaminoazobenzene	NS	NS	NS	ND(0.89)
Pentachlorobenzene	NS	NS	NS	ND(0.44)
Pentachloroethane	NS	NS	NS	ND(0.44)
Pentachloronitrobenzene	NS	NS	NS	ND(0.89)
Pentachlorophenol	NS	NS	NS	ND(2.2)
Phenacetin	NS	NS	NS	ND(0.89)
Phenanthrene	NS	NS	NS	0.16 J
Phenol	NS	NS	NS	ND(0.44)
Pronamide	NS	NS	NS	ND(0.44)
Pyrene	NS	NS	NS	0.34 J
Pyridine	NS	NS	NS	ND(0.44)
Safrole	NS	NS	NS	ND(0.44)
Thionazin	NS	NS	NS	ND(0.44)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-H89 8-10 10/23/02	RAA13-H93 6-10 09/30/02	RAA13-H93 10-15 09/30/02	RAA13-I92 0-1 10/15/02
Furans					
2,3,7,8-TCDF		NS	ND(0.00000042)	ND(0.00000037)	0.000034 YI
TCDFs (total)		NS	ND(0.00000042)	ND(0.00000037)	0.00029 I
1,2,3,7,8-PeCDF		NS	0.00000032 J	ND(0.00000096)	0.000011
2,3,4,7,8-PeCDF		NS	ND(0.00000050) X	ND(0.00000092)	0.000019
PeCDFs (total)		NS	0.0000016	ND(0.00000094) Q	0.00021 I
1,2,3,4,7,8-HxCDF		NS	ND(0.0000014) X	ND(0.00000061)	0.000016
1,2,3,6,7,8-HxCDF		NS	ND(0.00000074)	ND(0.00000061)	0.000010
1,2,3,7,8,9-HxCDF		NS	ND(0.00000088)	ND(0.00000061)	0.0000021 J
2,3,4,6,7,8-HxCDF		NS	ND(0.00000076)	ND(0.00000061)	0.000012
HxCDFs (total)		NS	0.0000011	ND(0.00000061)	0.00020
1,2,3,4,6,7,8-HpCDF		NS	0.0000015 J	0.00000083 J	0.000034
1,2,3,4,7,8,9-HpCDF		NS	ND(0.00000070)	ND(0.00000061)	0.0000034 J
HpCDFs (total)		NS	0.0000015	0.00000083	0.000082
OCDF		NS	0.0000024 J	0.0000022 J	0.000074
Dioxins					
2,3,7,8-TCDD		NS	ND(0.00000029)	ND(0.00000042)	ND(0.00000071) X
TCDDs (total)		NS	ND(0.00000029)	ND(0.00000042)	0.0000076
1,2,3,7,8-PeCDD		NS	ND(0.00000054)	ND(0.00000061)	ND(0.0000012) X
PeCDDs (total)		NS	ND(0.00000090)	ND(0.00000077)	0.0000055
1,2,3,4,7,8-HxCDD		NS	ND(0.00000054)	ND(0.00000063)	0.00000081 J
1,2,3,6,7,8-HxCDD		NS	ND(0.00000054)	ND(0.00000063)	0.0000020 J
1,2,3,7,8,9-HxCDD		NS	ND(0.00000054)	ND(0.00000061)	0.0000012 J
HxCDDs (total)		NS	ND(0.0000014)	ND(0.00000062)	0.000018
1,2,3,4,6,7,8-HpCDD		NS	ND(0.0000016) X	ND(0.0000015) X	0.000039
HpCDDs (total)		NS	0.0000011	0.00000093	0.00012
OCDD		NS	ND(0.0000040)	ND(0.0000026)	0.00046
Total TEQs (WHO TEFs)		NS	0.00000087	0.0000010	0.000020
Inorganics					
Antimony		NS	NS	NS	1.20 B
Arsenic		NS	NS	NS	8.70
Barium		NS	NS	NS	33.0
Beryllium		NS	NS	NS	ND(0.500)
Cadmium		NS	NS	NS	ND(0.500)
Chromium		NS	NS	NS	8.50
Cobalt		NS	NS	NS	ND(5.00)
Copper		NS	NS	NS	27.0
Cyanide		NS	NS	NS	0.160
Lead		NS	NS	NS	73.0
Mercury		NS	NS	NS	0.280
Nickel		NS	NS	NS	9.40
Selenium		NS	NS	NS	ND(1.00) J
Silver		NS	NS	NS	ND(1.00)
Sulfide		NS	NS	NS	13.0
Thallium		NS	NS	NS	ND(2.00)
Tin		NS	NS	NS	ND(10.0)
Vanadium		NS	NS	NS	12.0
Zinc		NS	NS	NS	110

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-J92 0-1 10/15/02	RAA13-Z84 0-1 10/04/02	RAA13-Z84 1-3 10/04/02	RAA13-Z84 3-6 10/04/02	RAA13-Z84 4-6 10/04/02	RAA13-Z85 0-1 10/04/02
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
1,1,1-Trichloroethane	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
1,1,2,2-Tetrachloroethane	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
1,1,2-Trichloroethane	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
1,1-Dichloroethane	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
1,1-Dichloroethene	ND(0.0067)	ND(0.0072)	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
1,2,3-Trichloropropane	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
1,2-Dibromo-3-chloropropane	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
1,2-Dibromoethane	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
1,2-Dichloroethane	ND(0.0067)	ND(0.0072)	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
1,2-Dichloropropane	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
1,4-Dioxane	ND(0.13)	ND(0.14) J	ND(0.14)	NS	ND(0.14)	ND(0.15)
2-Butanone	ND(0.013)	ND(0.014) J	ND(0.014)	NS	ND(0.014)	ND(0.015)
2-Chloro-1,3-butadiene	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
2-Chloroethylvinylether	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
2-Hexanone	ND(0.013)	ND(0.014) J	ND(0.014)	NS	ND(0.014)	ND(0.015)
3-Chloropropene	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
4-Methyl-2-pentanone	ND(0.013)	ND(0.014) J	ND(0.014)	NS	ND(0.014)	ND(0.015)
Acetone	0.014 J	ND(0.029) J	ND(0.027)	NS	ND(0.028)	ND(0.030)
Acetonitrile	ND(0.13)	ND(0.14) J	ND(0.14)	NS	ND(0.14)	ND(0.15)
Acrolein	ND(0.13) J	ND(0.14) J	ND(0.14) J	NS	ND(0.14) J	ND(0.15) J
Acrylonitrile	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
Benzene	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
Bromodichloromethane	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
Bromoform	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
Bromomethane	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
Carbon Disulfide	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
Carbon Tetrachloride	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
Chlorobenzene	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
Chloroethane	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
Chloroform	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
Chloromethane	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
cis-1,3-Dichloropropene	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
Dibromochloromethane	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
Dibromomethane	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
Dichlorodifluoromethane	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
Ethyl Methacrylate	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
Ethylbenzene	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
Iodomethane	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
Isobutanol	ND(0.13)	ND(0.14) J	ND(0.14)	NS	ND(0.14)	ND(0.15)
Methacrylonitrile	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
Methyl Methacrylate	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
Methylene Chloride	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
Propionitrile	ND(0.013)	ND(0.014) J	ND(0.014)	NS	ND(0.014)	ND(0.015)
Styrene	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
Tetrachloroethene	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
Toluene	ND(0.0067)	ND(0.0072) J	0.0050 J	NS	ND(0.0071)	ND(0.0076)
trans-1,2-Dichloroethene	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
trans-1,3-Dichloropropene	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
trans-1,4-Dichloro-2-butene	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
Trichloroethene	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
Trichlorofluoromethane	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
Vinyl Acetate	ND(0.0067) J	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
Vinyl Chloride	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)
Xylenes (total)	ND(0.0067)	ND(0.0072) J	ND(0.0068)	NS	ND(0.0071)	ND(0.0076)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-J92 0-1 10/15/02	RAA13-Z84 0-1 10/04/02	RAA13-Z84 1-3 10/04/02	RAA13-Z84 3-6 10/04/02	RAA13-Z84 4-6 10/04/02	RAA13-Z85 0-1 10/04/02
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
1,2,4-Trichlorobenzene	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
1,2-Dichlorobenzene	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
1,2-Diphenylhydrazine	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
1,3,5-Trinitrobenzene	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
1,3-Dichlorobenzene	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
1,3-Dinitrobenzene	ND(0.90)	ND(0.96)	ND(0.90)	ND(0.96)	NS	ND(1.0)
1,4-Dichlorobenzene	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
1,4-Naphthoquinone	ND(0.90)	ND(0.96)	ND(0.90)	ND(0.96)	NS	ND(1.0)
1-Naphthylamine	ND(0.90)	ND(0.96)	ND(0.90)	ND(0.96)	NS	ND(1.0)
2,3,4,6-Tetrachlorophenol	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
2,4,5-Trichlorophenol	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
2,4,6-Trichlorophenol	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
2,4-Dichlorophenol	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
2,4-Dimethylphenol	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
2,4-Dinitrophenol	ND(2.3)	ND(2.4)	ND(2.3)	ND(2.4)	NS	ND(2.6)
2,4-Dinitrotoluene	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
2,6-Dichlorophenol	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
2,6-Dinitrotoluene	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
2-Acetylaminofluorene	ND(0.90)	ND(0.96)	ND(0.90)	ND(0.96)	NS	ND(1.0)
2-Chloronaphthalene	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
2-Chlorophenol	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
2-Methylnaphthalene	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
2-Methylphenol	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
2-Naphthylamine	ND(0.90)	ND(0.96)	ND(0.90)	ND(0.96)	NS	ND(1.0)
2-Nitroaniline	ND(2.3)	ND(2.4)	ND(2.3)	ND(2.4)	NS	ND(2.6)
2-Nitrophenol	ND(0.90)	ND(0.96)	ND(0.90)	ND(0.96)	NS	ND(1.0)
2-Picoline	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
3&4-Methylphenol	ND(0.90)	ND(0.96)	ND(0.90)	ND(0.96)	NS	ND(1.0)
3,3'-Dichlorobenzidine	ND(0.90)	ND(0.96)	ND(0.90)	ND(0.96)	NS	ND(1.0)
3,3'-Dimethylbenzidine	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
3-Methylcholanthrene	ND(0.90)	ND(0.96)	ND(0.90)	ND(0.96)	NS	ND(1.0)
3-Nitroaniline	ND(2.3)	ND(2.4)	ND(2.3)	ND(2.4)	NS	ND(2.6)
4,6-Dinitro-2-methylphenol	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
4-Aminobiphenyl	ND(0.90)	ND(0.96)	ND(0.90)	ND(0.96)	NS	ND(1.0)
4-Bromophenyl-phenylether	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
4-Chloro-3-Methylphenol	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
4-Chloroaniline	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
4-Chlorobenzilate	ND(0.90)	ND(0.96)	ND(0.90)	ND(0.96)	NS	ND(1.0)
4-Chlorophenyl-phenylether	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
4-Nitroaniline	ND(2.3)	ND(2.4)	ND(2.3)	ND(2.4)	NS	ND(2.6)
4-Nitrophenol	ND(2.3)	ND(2.4)	ND(2.3)	ND(2.4)	NS	ND(2.6)
4-Nitroquinoline-1-oxide	ND(0.90)	ND(0.96)	ND(0.90)	ND(0.96)	NS	ND(1.0)
4-Phenylenediamine	ND(0.90) J	ND(0.96) J	ND(0.90) J	ND(0.96) J	NS	ND(1.0) J
5-Nitro-o-toluidine	ND(0.90)	ND(0.96)	ND(0.90)	ND(0.96)	NS	ND(1.0)
7,12-Dimethylbenz(a)anthracene	ND(0.90)	ND(0.96)	ND(0.90)	ND(0.96)	NS	ND(1.0)
a,a'-Dimethylphenethylamine	ND(0.90)	ND(0.96)	ND(0.90)	ND(0.96)	NS	ND(1.0)
Acenaphthene	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
Acenaphthylene	ND(0.45)	0.14 J	0.12 J	ND(0.48)	NS	ND(0.51)
Acetophenone	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
Aniline	ND(0.45)	0.28 J	0.14 J	ND(0.48)	NS	0.29 J
Anthracene	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
Aramite	ND(0.90)	ND(0.96)	ND(0.90)	ND(0.96)	NS	ND(1.0)
Benzidine	ND(0.90)	ND(0.96)	ND(0.90)	ND(0.96)	NS	ND(1.0)
Benzo(a)anthracene	ND(0.45)	0.15 J	0.17 J	ND(0.48)	NS	0.13 J
Benzo(a)pyrene	ND(0.45)	0.13 J	0.17 J	ND(0.48)	NS	0.12 J
Benzo(b)fluoranthene	0.12 J	0.19 J	0.22 J	ND(0.48)	NS	0.18 J
Benzo(g,h,i)perylene	ND(0.45)	ND(0.48)	0.14 J	ND(0.48)	NS	ND(0.51)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample/Location ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA13-J92 0-1 10/15/02	RAA13-Z84 0-1 10/04/02	RAA13-Z84 1-3 10/04/02	RAA13-Z84 3-6 10/04/02	RAA13-Z84 4-6 10/04/02	RAA13-Z85 0-1 10/04/02
Semivolatile Organics(continued)						
Benzo(k)fluoranthene	ND(0.45)	0.090 J	0.095 J	ND(0.48)	NS	ND(0.51)
Benzyl Alcohol	ND(0.90)	ND(0.96)	ND(0.90)	ND(0.96)	NS	ND(1.0)
bis(2-Chloroethoxy)methane	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
bis(2-Chloroethyl)ether	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
bis(2-Chloroisopropyl)ether	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
bis(2-Ethylhexyl)phthalate	ND(0.44)	ND(0.47)	ND(0.44)	ND(0.47)	NS	ND(0.50)
Butylbenzylphthalate	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
Chrysene	0.096 J	0.15 J	0.23 J	ND(0.48)	NS	0.16 J
Diallate	ND(0.90)	ND(0.96)	ND(0.90)	ND(0.96)	NS	ND(1.0)
Dibenzo(a,h)anthracene	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
Dibenzofuran	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
Diethylphthalate	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
Dimethylphthalate	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
Di-n-Butylphthalate	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
Di-n-Octylphthalate	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
Diphenylamine	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
Ethyl Methanesulfonate	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
Fluoranthene	ND(0.45)	0.35 J	0.25 J	ND(0.48)	NS	0.29 J
Fluorene	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
Hexachlorobenzene	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
Hexachlorobutadiene	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
Hexachlorocyclopentadiene	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
Hexachloroethane	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
Hexachlorophene	ND(0.90) J	ND(0.96) J	ND(0.90) J	ND(0.96) J	NS	ND(1.0) J
Hexachloropropene	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
Indeno(1,2,3-cd)pyrene	ND(0.45)	ND(0.48)	0.091 J	ND(0.48)	NS	ND(0.51)
Isodrin	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
Isophorone	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
Isosafrole	ND(0.90)	ND(0.96)	ND(0.90)	ND(0.96)	NS	ND(1.0)
Methapyrilene	ND(0.90)	ND(0.96)	ND(0.90)	ND(0.96)	NS	ND(1.0)
Methyl Methanesulfonate	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
Naphthalene	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
Nitrobenzene	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
N-Nitrosodiethylamine	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
N-Nitrosodimethylamine	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
N-Nitroso-di-n-butylamine	ND(0.90)	ND(0.96)	ND(0.90)	ND(0.96)	NS	ND(1.0)
N-Nitroso-di-n-propylamine	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
N-Nitrosodiphenylamine	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
N-Nitrosomethylethylamine	ND(0.90)	ND(0.96)	ND(0.90)	ND(0.96)	NS	ND(1.0)
N-Nitrosomorpholine	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
N-Nitrosopiperidine	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
N-Nitrosopyrrolidine	ND(0.90)	ND(0.96)	ND(0.90)	ND(0.96)	NS	ND(1.0)
o,o,o-Triethylphosphorothioate	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
o-Toluidine	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
p-Dimethylaminoazobenzene	ND(0.90)	ND(0.96)	ND(0.90)	ND(0.96)	NS	ND(1.0)
Pentachlorobenzene	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
Pentachloroethane	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
Pentachloronitrobenzene	ND(0.90)	ND(0.96)	ND(0.90)	ND(0.96)	NS	ND(1.0)
Pentachlorophenol	ND(2.3)	ND(2.4)	ND(2.3)	ND(2.4)	NS	ND(2.6)
Phenacetin	ND(0.90)	ND(0.96)	ND(0.90)	ND(0.96)	NS	ND(1.0)
Phenanthrene	ND(0.45)	0.22 J	0.13 J	ND(0.48)	NS	0.17 J
Phenol	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	0.13 J
Pronamide	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
Pyrene	0.18 J	0.39 J	0.30 J	ND(0.48)	NS	0.28 J
Pyridine	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
Safrole	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)
Thionazin	ND(0.45)	ND(0.48)	ND(0.45)	ND(0.48)	NS	ND(0.51)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-J92 0-1 10/15/02	RAA13-Z84 0-1 10/04/02	RAA13-Z84 1-3 10/04/02	RAA13-Z84 3-6 10/04/02	RAA13-Z84 4-6 10/04/02	RAA13-Z85 0-1 10/04/02
Furans							
2,3,7,8-TCDF		0.0000066 Y	0.000066 YI	0.000055 YI	0.0000031 YQI	NS	0.00018 YI
TCDFs (total)		0.000055	0.00062 I	0.00052 I	0.000016	NS	0.0017 I
1,2,3,7,8-PeCDF		ND(0.0000032) X	0.000048	0.000029	0.0000010 J	NS	0.00013
2,3,4,7,8-PeCDF		0.0000052 J	0.000077	0.000040	0.0000014 J	NS	0.00020
PeCDFs (total)		0.000059	0.00070 I	0.00040 I	0.000014	NS	0.0018 QI
1,2,3,4,7,8-HxCDF		0.0000048 J	0.00015 I	0.000061	0.0000018 J	NS	0.00044
1,2,3,6,7,8-HxCDF		0.0000031 J	0.000090	0.000032	0.00000090 J	NS	0.00024 I
1,2,3,7,8,9-HxCDF		ND(0.00000073) X	0.000017	0.0000082	0.00000038 J	NS	0.000056
2,3,4,6,7,8-HxCDF		0.0000044 J	0.000051	0.000027	0.0000010 J	NS	0.00014
HxCDFs (total)		0.000061	0.00083 I	0.00044 I	0.000016	NS	0.0021 I
1,2,3,4,6,7,8-HpCDF		0.0000088	0.00019	0.00011	0.0000035	NS	0.00048
1,2,3,4,7,8,9-HpCDF		0.0000014 J	0.000037	0.000014	0.00000055 J	NS	0.00011
HpCDFs (total)		0.000021	0.00035	0.00022	0.0000075	NS	0.00083
OCDF		0.000010 J	0.00016	0.00014	0.0000046 J	NS	0.00045
Dioxins							
2,3,7,8-TCDD		ND(0.00000039)	0.0000011	0.00000076 J	ND(0.00000023)	NS	0.0000021
TCDDs (total)		0.00000066	0.000013	0.000018	0.00000018	NS	0.000037
1,2,3,7,8-PeCDD		ND(0.00000054)	0.0000022 J	0.0000029	0.00000017 J	NS	0.0000055
PeCDDs (total)		0.0000012	0.000026	0.000026	0.0000018	NS	0.000067 Q
1,2,3,4,7,8-HxCDD		ND(0.00000071)	0.0000020 J	0.0000026	ND(0.00000028)	NS	0.0000053
1,2,3,6,7,8-HxCDD		0.00000072 J	0.0000037	0.0000053	ND(0.00000026) X	NS	0.0000096
1,2,3,7,8,9-HxCDD		ND(0.00000065)	0.0000040	0.0000040	0.00000023 J	NS	0.0000080
HxCDDs (total)		0.0000043	0.000052	0.000062	0.0000023	NS	0.00013
1,2,3,4,6,7,8-HpCDD		0.0000074	0.000026	0.000072	0.0000028	NS	0.000069
HpCDDs (total)		0.000020	0.000053	0.00014	0.0000056	NS	0.00014
OCDD		0.000054	0.00014	0.00090	0.000028	NS	0.00035
Total TEQs (WHO TEFs)		0.0000054	0.000085	0.000047	0.0000019	NS	0.00023
Inorganics							
Antimony		ND(6.00)	ND(6.00)	1.80 B	ND(6.00)	NS	1.60 B
Arsenic		5.50	5.40	8.00	3.80	NS	6.40
Barium		ND(20.0)	52.0	77.0	39.0	NS	64.0
Beryllium		0.170 B	0.620	ND(0.500)	ND(0.500)	NS	ND(0.500)
Cadmium		ND(0.500)	1.40	0.960	ND(0.500)	NS	0.800
Chromium		4.50	15.0	44.0	15.0	NS	14.0
Cobalt		ND(5.00)	10.0	12.0	8.60	NS	12.0
Copper		11.0	46.0	65.0	20.0	NS	140
Cyanide		0.110 B	0.140	ND(0.140)	ND(0.140)	NS	0.180
Lead		24.0	35.0	72.0	21.0	NS	52.0
Mercury		0.100 B	0.190	0.610	0.280	NS	0.170
Nickel		5.20	17.0	19.0	13.0	NS	19.0
Selenium		ND(1.00) J	ND(1.10)	ND(1.00)	ND(1.10)	NS	ND(1.10)
Silver		ND(1.00)	0.850 B	0.980 B	ND(1.10)	NS	ND(1.10)
Sulfide		13.0	34.0	24.0	32.0	NS	32.0
Thallium		ND(2.00)	ND(2.20)	ND(2.00)	ND(2.10)	NS	ND(2.30)
Tin		5.30 B	ND(11.0)	13.0	ND(11.0)	NS	ND(11.0)
Vanadium		9.70	13.0	12.0	9.80	NS	14.0
Zinc		26.0	220	140	58.0	NS	110

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample/Location ID:	RAA13-Z85	RAA13-Z85	RAA13-Z85	RAA13-Z88	RAA13-Z90
Sample Depth(Feet):	1-3	3-6	4-6	0-1	0-1
Parameter Date Collected:	10/04/02	10/04/02	10/04/02	10/04/02	10/16/02
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
1,1,1-Trichloroethane	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
1,1,2,2-Tetrachloroethane	ND(0.0070)	NS	ND(0.0065)	ND(0.0075)	ND(0.0068)
1,1,2-Trichloroethane	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
1,1-Dichloroethane	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
1,1-Dichloroethene	ND(0.0070)	NS	ND(0.0065)	ND(0.0075)	ND(0.0068)
1,2,3-Trichloropropane	ND(0.0070)	NS	ND(0.0065)	ND(0.0075)	ND(0.0068)
1,2-Dibromo-3-chloropropane	ND(0.0070)	NS	ND(0.0065)	ND(0.0075)	ND(0.0068)
1,2-Dibromoethane	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
1,2-Dichloroethane	ND(0.0070)	NS	ND(0.0065)	ND(0.0075)	ND(0.0068)
1,2-Dichloropropane	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
1,4-Dioxane	ND(0.14)	NS	ND(0.13)	ND(0.15) J	ND(0.14)
2-Butanone	ND(0.014)	NS	ND(0.013)	ND(0.015) J	ND(0.014)
2-Chloro-1,3-butadiene	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
2-Chloroethylvinylether	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
2-Hexanone	ND(0.014)	NS	ND(0.013)	ND(0.015) J	ND(0.014)
3-Chloropropene	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
4-Methyl-2-pentanone	ND(0.014)	NS	ND(0.013)	ND(0.015) J	ND(0.014)
Acetone	ND(0.028)	NS	ND(0.026)	ND(0.030) J	0.0071 J
Acetonitrile	ND(0.14)	NS	ND(0.13)	ND(0.15) J	ND(0.14) J
Acrolein	ND(0.14) J	NS	ND(0.13) J	ND(0.15) J	ND(0.14) J
Acrylonitrile	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068) J
Benzene	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
Bromodichloromethane	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
Bromoform	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
Bromomethane	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0 0068)
Carbon Disulfide	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
Carbon Tetrachloride	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
Chlorobenzene	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
Chloroethane	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
Chloroform	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
Chloromethane	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
cis-1,3-Dichloropropene	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
Dibromochloromethane	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
Dibromomethane	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
Dichlorodifluoromethane	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
Ethyl Methacrylate	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
Ethylbenzene	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
Iodomethane	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
Isobutanol	ND(0.14)	NS	ND(0.13)	ND(0.15) J	ND(0.14)
Methacrylonitrile	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
Methyl Methacrylate	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
Methylene Chloride	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
Propionitrile	ND(0.014)	NS	ND(0.013)	ND(0.015) J	ND(0.014)
Styrene	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
Tetrachloroethene	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
Toluene	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
trans-1,2-Dichloroethene	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
trans-1,3-Dichloropropene	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
trans-1,4-Dichloro-2-butene	ND(0.0070)	NS	ND(0.0065)	ND(0.0075)	ND(0.0068)
Trichloroethene	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
Trichlorofluoromethane	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
Vinyl Acetate	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068) J
Vinyl Chloride	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)
Xylenes (total)	ND(0.0070)	NS	ND(0.0065)	ND(0.0075) J	ND(0.0068)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-Z85 1-3 10/04/02	RAA13-Z85 3-6 10/04/02	RAA13-Z85 4-6 10/04/02	RAA13-Z88 0-1 10/04/02	RAA13-Z90 0-1 10/16/02
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
1,2,4-Trichlorobenzene	ND(0.47)	ND(0.43)	NS	0.41 J	0.46
1,2-Dichlorobenzene	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
1,2-Diphenylhydrazine	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
1,3,5-Trinitrobenzene	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
1,3-Dichlorobenzene	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
1,3-Dinitrobenzene	ND(0.94)	ND(0.87)	NS	ND(1.0)	ND(0.91)
1,4-Dichlorobenzene	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
1,4-Naphthoquinone	ND(0.94)	ND(0.87)	NS	ND(1.0)	ND(0.91)
1-Naphthylamine	ND(0.94)	ND(0.87)	NS	ND(1.0)	ND(0.91)
2,3,4,6-Tetrachlorophenol	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
2,4,5-Trichlorophenol	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
2,4,6-Trichlorophenol	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
2,4-Dichlorophenol	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
2,4-Dimethylphenol	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
2,4-Dinitrophenol	ND(2.4)	ND(2.2)	NS	ND(2.5)	ND(2.3)
2,4-Dinitrotoluene	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
2,6-Dichlorophenol	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
2,6-Dinitrotoluene	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
2-Acetylaminofluorene	ND(0.94)	ND(0.87)	NS	ND(1.0)	ND(0.91)
2-Chloronaphthalene	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
2-Chlorophenol	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
2-Methylnaphthalene	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
2-Methylphenol	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
2-Naphthylamine	ND(0.94)	ND(0.87)	NS	ND(1.0)	ND(0.91)
2-Nitroaniline	ND(2.4)	ND(2.2)	NS	ND(2.5)	ND(2.3)
2-Nitrophenol	ND(0.94)	ND(0.87)	NS	ND(1.0)	ND(0.91)
2-Picoline	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
3&4-Methylphenol	ND(0.94)	ND(0.87)	NS	ND(1.0)	ND(0.91)
3,3'-Dichlorobenzidine	ND(0.94)	ND(0.87)	NS	ND(1.0)	ND(0.91)
3,3'-Dimethylbenzidine	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
3-Methylcholanthrene	ND(0.94)	ND(0.87)	NS	ND(1.0)	ND(0.91)
3-Nitroaniline	ND(2.4)	ND(2.2)	NS	ND(2.5)	ND(2.3)
4,6-Dinitro-2-methylphenol	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
4-Aminobiphenyl	ND(0.94)	ND(0.87)	NS	ND(1.0)	ND(0.91)
4-Bromophenyl-phenylether	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
4-Chloro-3-Methylphenol	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
4-Chloroaniline	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
4-Chlorobenzilate	ND(0.94)	ND(0.87)	NS	ND(1.0)	ND(0.91)
4-Chlorophenyl-phenylether	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
4-Nitroaniline	ND(2.4)	ND(2.2)	NS	ND(2.5)	ND(2.3)
4-Nitrophenol	ND(2.4)	ND(2.2)	NS	ND(2.5)	ND(2.3)
4-Nitroquinoline-1-oxide	ND(0.94)	ND(0.87)	NS	ND(1.0)	ND(0.91) J
4-Phenylenediamine	ND(0.94) J	ND(0.87) J	NS	ND(1.0) J	ND(0.91) J
5-Nitro-o-toluidine	ND(0.94)	ND(0.87)	NS	ND(1.0)	ND(0.91)
7,12-Dimethylbenz(a)anthracene	ND(0.94)	ND(0.87)	NS	ND(1.0)	ND(0.91)
a,a'-Dimethylphenethylamine	ND(0.94)	ND(0.87)	NS	ND(1.0)	ND(0.91)
Acenaphthene	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
Acenaphthylene	ND(0.47)	ND(0.43)	NS	0.14 J	ND(0.45)
Acetophenone	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
Aniline	ND(0.47)	ND(0.43)	NS	1.5	1.4
Anthracene	ND(0.47)	ND(0.43)	NS	0.27 J	ND(0.45)
Aramite	ND(0.94)	ND(0.87)	NS	ND(1.0)	ND(0.91)
Benzidine	ND(0.94)	ND(0.87)	NS	ND(1.0)	ND(0.91)
Benzo(a)anthracene	ND(0.47)	ND(0.43)	NS	0.77	0.29 J
Benzo(a)pyrene	ND(0.47)	ND(0.43)	NS	0.77	0.27 J
Benzo(b)fluoranthene	ND(0.47)	ND(0.43)	NS	0.93	0.38 J
Benzo(g,h,i)perylene	ND(0.47)	ND(0.43)	NS	0.65	0.25 J

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-Z85 1-3 10/04/02	RAA13-Z85 3-6 10/04/02	RAA13-Z85 4-6 10/04/02	RAA13-Z88 0-1 10/04/02	RAA13-Z90 0-1 10/16/02
Semivolatile Organics(continued)					
Benzo(k)fluoranthene	ND(0.47)	ND(0.43)	NS	0.38 J	0.13 J
Benzyl Alcohol	ND(0.94)	ND(0.87)	NS	ND(1.0)	ND(0.91)
bis(2-Chloroethoxy)methane	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
bis(2-Chloroethyl)ether	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
bis(2-Chloroisopropyl)ether	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
bis(2-Ethylhexyl)phthalate	ND(0.46)	ND(0.43)	NS	0.26 J	ND(0.45)
Butylbenzylphthalate	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
Chrysene	ND(0.47)	ND(0.43)	NS	0.70	0.38 J
Diallate	ND(0.94)	ND(0.87)	NS	ND(1.0)	ND(0.91)
Dibenzo(a,h)anthracene	ND(0.47)	ND(0.43)	NS	0.13 J	ND(0.45)
Dibenzofuran	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
Diethylphthalate	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
Dimethylphthalate	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
Di-n-Butylphthalate	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
Di-n-Octylphthalate	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
Diphenylamine	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
Ethyl Methanesulfonate	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
Fluoranthene	ND(0.47)	ND(0.43)	NS	1.5	0.59
Fluorene	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
Hexachlorobenzene	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
Hexachlorobutadiene	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
Hexachlorocyclopentadiene	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
Hexachloroethane	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
Hexachlorophene	ND(0.94) J	ND(0.87) J	NS	ND(1.0) J	ND(0.91) J
Hexachloropropene	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
Indeno(1,2,3-cd)pyrene	ND(0.47)	ND(0.43)	NS	0.49 J	0.20 J
Isodrin	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
Isophorone	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
Isosafrole	ND(0.94)	ND(0.87)	NS	ND(1.0)	ND(0.91)
Methapyrilene	ND(0.94)	ND(0.87)	NS	ND(1.0)	ND(0.91)
Methyl Methanesulfonate	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
Naphthalene	ND(0.47)	ND(0.43)	NS	0.14 J	ND(0.45)
Nitrobenzene	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
N-Nitrosodiethylamine	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
N-Nitrosodimethylamine	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
N-Nitroso-di-n-butylamine	ND(0.94)	ND(0.87)	NS	ND(1.0)	ND(0.91)
N-Nitroso-di-n-propylamine	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
N-Nitrosodiphenylamine	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
N-Nitrosomethylethylamine	ND(0.94)	ND(0.87)	NS	ND(1.0)	ND(0.91)
N-Nitrosomorpholine	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
N-Nitrosopiperidine	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
N-Nitrosopyrrolidine	ND(0.94)	ND(0.87)	NS	ND(1.0)	ND(0.91)
o,o,o-Triethylphosphorothioate	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
o-Toluidine	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
p-Dimethylaminoazobenzene	ND(0.94)	ND(0.87)	NS	ND(1.0)	ND(0.91)
Pentachlorobenzene	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
Pentachloroethane	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
Pentachloronitrobenzene	ND(0.94)	ND(0.87)	NS	ND(1.0)	ND(0.91)
Pentachlorophenol	ND(2.4)	ND(2.2)	NS	ND(2.5)	ND(2.3)
Phenacetin	ND(0.94)	ND(0.87)	NS	ND(1.0)	ND(0.91)
Phenanthrene	ND(0.47)	ND(0.43)	NS	0.75	0.42 J
Phenol	ND(0.47)	ND(0.43)	NS	0.13 J	0.098 J
Pronamide	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
Pyrene	ND(0.47)	ND(0.43)	NS	1.4	0.67
Pyridine	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
Safrole	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)
Thionazin	ND(0.47)	ND(0.43)	NS	ND(0.50)	ND(0.45)

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-Z85 1-3 10/04/02	RAA13-Z85 3-6 10/04/02	RAA13-Z85 4-6 10/04/02	RAA13-Z88 0-1 10/04/02	RAA13-Z90 0-1 10/16/02
Furans						
2,3,7,8-TCDF		0.00000055 J	0.00000012 J	NS	0.0018 Y	0.0019 YEJ
TCDFs (total)		0.0000040	0.00000023	NS	0.015	0.017 Q
1,2,3,7,8-PeCDF		0.00000043 J	0.00000011 J	NS	0.0019	0.0016
2,3,4,7,8-PeCDF		0.00000041 J	0.000000088 J	NS	0.0025	0.0028 EJ
PeCDFs (total)		0.0000040	0.00000049	NS	0.024 Q	0.022 Q
1,2,3,4,7,8-HxCDF		0.00000062 J	0.00000016 J	NS	0.0036 I	0.0069 EJ
1,2,3,6,7,8-HxCDF		0.00000044 J	ND(0.00000015) X	NS	0.0036 I	0.0040 EJ
1,2,3,7,8,9-HxCDF		ND(0.00000025)	ND(0.00000023)	NS	0.00061	0.0011
2,3,4,6,7,8-HxCDF		0.00000028 J	ND(0.00000023)	NS	0.0015	0.0016
HxCDFs (total)		0.0000038	0.00000041	NS	0.028 I	0.027 I
1,2,3,4,6,7,8-HpCDF		0.00000098 J	0.00000016 J	NS	0.0085	0.0062 EJ
1,2,3,4,7,8,9-HpCDF		0.00000024 J	ND(0.00000023)	NS	0.0011	0.0016
HpCDFs (total)		0.0000019	0.00000016	NS	0.012 I	0.010
OCDF		0.0000012 J	0.00000020 J	NS	0.0063	0.0077 EJ
Dioxins						
2,3,7,8-TCDD		ND(0.00000010)	ND(0.000000092)	NS	0.0053	0.000012
TCDDs (total)		0.0000012	0.00000025	NS	0.0056	0.00034 Q
1,2,3,7,8-PeCDD		ND(0.00000025)	ND(0.00000023)	NS	0.000047 Q	ND(0.000050)
PeCDDs (total)		0.0000014	0.00000024	NS	0.00043	0.00045
1,2,3,4,7,8-HxCDD		ND(0.00000025)	ND(0.00000023)	NS	0.000052	0.000038
1,2,3,6,7,8-HxCDD		ND(0.00000025)	ND(0.00000023)	NS	0.000090	0.000070
1,2,3,7,8,9-HxCDD		0.00000012 J	ND(0.00000023)	NS	0.000061	0.000064
HxCDDs (total)		0.00000012	ND(0.00000060)	NS	0.0011 Q	0.00090
1,2,3,4,6,7,8-HpCDD		0.0000010 J	0.00000044 J	NS	0.00056	0.00044
HpCDDs (total)		0.0000022	0.00000083	NS	0.0011	0.00087
OCDD		ND(0.000011)	ND(0.0000036)	NS	0.0013	0.0013
Total TEQs (WHO TEFs)		0.00000066	0.00000031	NS	0.0079	0.0032
Inorganics						
Antimony		1.60 B	1.40 B	NS	ND(6.00)	ND(6.00)
Arsenic		10.0	6.90	NS	8.70	4.10
Barium		96.0	32.0	NS	210	140
Beryllium		0.640	ND(0.500)	NS	ND(0.500)	ND(0.500)
Cadmium		0.870	0.520	NS	2.20	2.10
Chromium		21.0	7.40	NS	29.0	14.0
Cobalt		19.0	8.50	NS	8.20	6.00
Copper		52.0	23.0	NS	490	460
Cyanide		0.110 B	ND(0.130)	NS	0.120 B	0.300
Lead		27.0	10.0	NS	830	500
Mercury		ND(0.140)	ND(0.130)	NS	0.560	0.600
Nickel		30.0	14.0	NS	25.0	25.0
Selenium		ND(1.00)	ND(1.00)	NS	ND(1.10)	ND(1.00) J
Silver		ND(1.00)	ND(1.00)	NS	1.40	0.450 B
Sulfide		ND(7.00)	21.0	NS	41.0	33.0
Thallium		ND(2.10)	ND(1.90)	NS	ND(2.20)	ND(2.00)
Tin		6.20 B	4.40 B	NS	70.0	26.0
Vanadium		15.0	6.40	NS	11.0	13.0
Zinc		100	44.0	NS	600	660 J

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample/Location ID: Sample Depth(Feet): Parameter Date Collected:	RAA13-Z90 1-3 10/16/02	RAA13-Z92 0-1 09/30/02
Volatile Organics		
1,1,1,2-Tetrachloroethane	ND(0.0067)	NS
1,1,1-Trichloroethane	ND(0.0067)	NS
1,1,2,2-Tetrachloroethane	ND(0.0067)	NS
1,1,2-Trichloroethane	ND(0.0067)	NS
1,1-Dichloroethane	ND(0.0067)	NS
1,1-Dichloroethene	ND(0.0067)	NS
1,2,3-Trichloropropane	ND(0.0067)	NS
1,2-Dibromo-3-chloropropane	ND(0.0067)	NS
1,2-Dibromoethane	ND(0.0067)	NS
1,2-Dichloroethane	ND(0.0067)	NS
1,2-Dichloropropane	ND(0.0067)	NS
1,4-Dioxane	ND(0.13)	NS
2-Butanone	ND(0.013)	NS
2-Chloro-1,3-butadiene	ND(0.0067)	NS
2-Chloroethylvinylether	ND(0.0067)	NS
2-Hexanone	ND(0.013)	NS
3-Chloropropene	ND(0.0067)	NS
4-Methyl-2-pentanone	ND(0.013)	NS
Acetone	ND(0.027)	NS
Acetonitrile	ND(0.13) J	NS
Acrolein	ND(0.13) J	NS
Acrylonitrile	ND(0.0067) J	NS
Benzene	ND(0.0067)	NS
Bromodichloromethane	ND(0.0067)	NS
Bromoform	ND(0.0067)	NS
Bromomethane	ND(0.0067)	NS
Carbon Disulfide	ND(0.0067)	NS
Carbon Tetrachloride	ND(0.0067)	NS
Chlorobenzene	ND(0.0067)	NS
Chloroethane	ND(0.0067)	NS
Chloroform	ND(0.0067)	NS
Chloromethane	ND(0.0067)	NS
cis-1,3-Dichloropropene	ND(0.0067)	NS
Dibromochloromethane	ND(0.0067)	NS
Dibromomethane	ND(0.0067)	NS
Dichlorodifluoromethane	ND(0.0067)	NS
Ethyl Methacrylate	ND(0.0067)	NS
Ethylbenzene	ND(0.0067)	NS
Iodomethane	ND(0.0067)	NS
Isobutanol	ND(0.13)	NS
Methacrylonitrile	ND(0.0067)	NS
Methyl Methacrylate	ND(0.0067)	NS
Methylene Chloride	ND(0.0067)	NS
Propionitrile	ND(0.013)	NS
Styrene	ND(0.0067)	NS
Tetrachloroethene	ND(0.0067)	NS
Toluene	ND(0.0067)	NS
trans-1,2-Dichloroethene	ND(0.0067)	NS
trans-1,3-Dichloropropene	ND(0.0067)	NS
trans-1,4-Dichloro-2-butene	ND(0.0067)	NS
Trichloroethene	ND(0.0067)	NS
Trichlorofluoromethane	ND(0.0067)	NS
Vinyl Acetate	ND(0.0067) J	NS
Vinyl Chloride	ND(0.0067)	NS
Xylenes (total)	ND(0.0067)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample/Location ID: / Sample Depth(Feet): / Date Collected:	RAA13-Z90 1-3 10/16/02	RAA13-Z92 0-1 09/30/02
Semivolatile Organics		
1,2,4,5-Tetrachlorobenzene	ND(0.45)	NS
1,2,4-Trichlorobenzene	0.97	NS
1,2-Dichlorobenzene	ND(0.45)	NS
1,2-Diphenylhydrazine	ND(0.45)	NS
1,3,5-Trinitrobenzene	ND(0.45)	NS
1,3-Dichlorobenzene	ND(0.45)	NS
1,3-Dinitrobenzene	ND(0.90)	NS
1,4-Dichlorobenzene	ND(0.45)	NS
1,4-Naphthoquinone	ND(0.90)	NS
1-Naphthylamine	ND(0.90)	NS
2,3,4,6-Tetrachlorophenol	ND(0.45)	NS
2,4,5-Trichlorophenol	ND(0.45)	NS
2,4,6-Trichlorophenol	ND(0.45)	NS
2,4-Dichlorophenol	ND(0.45)	NS
2,4-Dimethylphenol	ND(0.45)	NS
2,4-Dinitrophenol	ND(2.3)	NS
2,4-Dinitrotoluene	ND(0.45)	NS
2,6-Dichlorophenol	ND(0.45)	NS
2,6-Dinitrotoluene	ND(0.45)	NS
2-Acetylaminofluorene	ND(0.90)	NS
2-Chloronaphthalene	ND(0.45)	NS
2-Chlorophenol	ND(0.45)	NS
2-Methylnaphthalene	ND(0.45)	NS
2-Methylphenol	ND(0.45)	NS
2-Naphthylamine	ND(0.90)	NS
2-Nitroaniline	ND(2.3)	NS
2-Nitrophenol	ND(0.90)	NS
2-Picoline	ND(0.45)	NS
3&4-Methylphenol	ND(0.90)	NS
3,3'-Dichlorobenzidine	ND(0.90)	NS
3,3'-Dimethylbenzidine	ND(0.45)	NS
3-Methylcholanthrene	ND(0.90)	NS
3-Nitroaniline	ND(2.3)	NS
4,6-Dinitro-2-methylphenol	ND(0.45)	NS
4-Aminobiphenyl	ND(0.90)	NS
4-Bromophenyl-phenylether	ND(0.45)	NS
4-Chloro-3-Methylphenol	ND(0.45)	NS
4-Chloroaniline	ND(0.45)	NS
4-Chlorobenzilate	ND(0.90)	NS
4-Chlorophenyl-phenylether	ND(0.45)	NS
4-Nitroaniline	ND(2.3)	NS
4-Nitrophenol	ND(2.3)	NS
4-Nitroquinoline-1-oxide	ND(0.90) J	NS
4-Phenylenediamine	ND(0.90) J	NS
5-Nitro-o-toluidine	ND(0.90)	NS
7,12-Dimethylbenz(a)anthracene	ND(0.90)	NS
a,a'-Dimethylphenethylamine	ND(0.90)	NS
Acenaphthene	0.79	NS
Acenaphthylene	ND(0.45)	NS
Acetophenone	ND(0.45)	NS
Aniline	0.48	NS
Anthracene	ND(0.45)	NS
Aramite	ND(0.90)	NS
Benzidine	ND(0.90)	NS
Benzo(a)anthracene	ND(0.45)	NS
Benzo(a)pyrene	0.17 J	NS
Benzo(b)fluoranthene	0.28 J	NS
Benzo(g,h,i)perylene	0.17 J	NS

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample/Location ID: Sample Depth(Feet): Parameter Date Collected:	RAA13-Z90 1-3 10/16/02	RAA13-Z92 0-1 09/30/02
Semivolatile Organics(continued)		
Benzo(k)fluoranthene	0.11 J	NS
Benzyl Alcohol	ND(0.90)	NS
bis(2-Chloroethoxy)methane	ND(0.45)	NS
bis(2-Chloroethyl)ether	ND(0.45)	NS
bis(2-Chloroisopropyl)ether	ND(0.45)	NS
bis(2-Ethylhexyl)phthalate	0.44 J	NS
Butylbenzylphthalate	ND(0.45)	NS
Chrysene	ND(0.45)	NS
Diallate	ND(0.90)	NS
Dibenzo(a,h)anthracene	ND(0.45)	NS
Dibenzofuran	ND(0.45)	NS
Diethylphthalate	ND(0.45)	NS
Dimethylphthalate	ND(0.45)	NS
Di-n-Butylphthalate	ND(0.45)	NS
Di-n-Octylphthalate	ND(0.45)	NS
Diphenylamine	ND(0.45)	NS
Ethyl Methanesulfonate	ND(0.45)	NS
Fluoranthene	0.40 J	NS
Fluorene	ND(0.45)	NS
Hexachlorobenzene	ND(0.45)	NS
Hexachlorobutadiene	ND(0.45)	NS
Hexachlorocyclopentadiene	ND(0.45)	NS
Hexachloroethane	ND(0.45)	NS
Hexachlorophene	ND(0.90) J	NS
Hexachloropropene	ND(0.45)	NS
Indeno(1,2,3-cd)pyrene	0.12 J	NS
Isodrin	ND(0.45)	NS
Isophorone	ND(0.45)	NS
Isosafrole	ND(0.90)	NS
Methapyrilene	ND(0.90)	NS
Methyl Methanesulfonate	ND(0.45)	NS
Naphthalene	ND(0.45)	NS
Nitrobenzene	ND(0.45)	NS
N-Nitrosodiethylamine	ND(0.45)	NS
N-Nitrosodimethylamine	ND(0.45)	NS
N-Nitroso-di-n-butylamine	ND(0.90)	NS
N-Nitroso-di-n-propylamine	ND(0.45)	NS
N-Nitrosodiphenylamine	ND(0.45)	NS
N-Nitrosomethylethylamine	ND(0.90)	NS
N-Nitrosomorpholine	ND(0.45)	NS
N-Nitrosopiperidine	ND(0.45)	NS
N-Nitrosopyrrolidine	ND(0.90)	NS
o,o,o-Triethylphosphorothioate	ND(0.45)	NS
o-Toluidine	ND(0.45)	NS
p-Dimethylaminoazobenzene	ND(0.90)	NS
Pentachlorobenzene	ND(0.45)	NS
Pentachloroethane	ND(0.45)	NS
Pentachloronitrobenzene	ND(0.90)	NS
Pentachlorophenol	ND(2.3)	NS
Phenacetin	ND(0.90)	NS
Phenanthrene	0.26 J	NS
Phenol	0.11 J	NS
Pronamide	ND(0.45)	NS
Pyrene	0.35 J	NS
Pyridine	ND(0.45)	NS
Safrole	ND(0.45)	NS
Thionazin	ND(0.45)	NS

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample/Location ID: Sample Depth(Feet): Parameter Date Collected:	RAA13-Z90 1-3 10/16/02	RAA13-Z92 0-1 09/30/02
Furans		
2,3,7,8-TCDF	0.0040 YEIJ	0.0000069 Y
TCDFs (total)	0.041 QI	0.000062 Q
1,2,3,7,8-PeCDF	0.0034 EJ	0.0000049 JQ
2,3,4,7,8-PeCDF	0.0080 EIJ	0.0000085 Q
PeCDFs (total)	0.059 QI	0.000040 Q
1,2,3,4,7,8-HxCDF	0.020 EIJ	0.000019
1,2,3,6,7,8-HxCDF	0.011 EIJ	0.000014
1,2,3,7,8,9-HxCDF	0.0039 EJ	0.0000020 JQ
2,3,4,6,7,8-HxCDF	0.0059 EJ	0.0000029 J
HxCDFs (total)	0.077 I	0.000084 Q
1,2,3,4,6,7,8-HpCDF	0.014 EIJ	0.000018
1,2,3,4,7,8,9-HpCDF	0.0060 EJ	0.0000051 J
HpCDFs (total)	0.028 I	0.000036
OCDF	0.015 EIJ	0.000023
Dioxins		
2,3,7,8-TCDD	0.000026 J	ND(0.00000099) X
TCDDs (total)	0.0011 I	ND(0.00000033)
1,2,3,7,8-PeCDD	ND(0.00012) X	0.00000070 J
PeCDDs (total)	0.0014 Q	0.0000040 Q
1,2,3,4,7,8-HxCDD	0.00011	ND(0.00000052)
1,2,3,6,7,8-HxCDD	0.00019	0.00000089 J
1,2,3,7,8,9-HxCDD	0.00015	0.0000024 JQ
HxCDDs (total)	0.0028	0.000014 Q
1,2,3,4,6,7,8-HpCDD	0.0010	0.0000072
HpCDDs (total)	0.0022	0.000016
OCDD	0.0022	0.000026
Total TEQs (WHO TEFs)	0.0090	0.000011
Inorganics		
Antimony	ND(6.00)	NS
Arsenic	5.30	NS
Barium	160	NS
Beryllium	ND(0.500)	NS
Cadmium	1.40	NS
Chromium	29.0	NS
Cobalt	ND(5.00)	NS
Copper	1800	NS
Cyanide	0.210	NS
Lead	410	NS
Mercury	0.540	NS
Nickel	31.0	NS
Selenium	ND(1.00) J	NS
Silver	0.500 B	NS
Sulfide	24.0	NS
Thallium	ND(2.00)	NS
Tin	71.0	NS
Vanadium	8.20	NS
Zinc	1200 J	NS

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 SOIL ANALYTICAL RESULTS

PRE-DESIGN INVESTIGATION REPORT FOR THE NEWELL STREET AREA II REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc., and were submitted to CT&E Environmental Services, Inc. for analysis of Appendix IX + 3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved November 4, 2002 and resubmitted December 10, 2002).
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. NS - Not Sampled - Parameter was not requested on sample chain of custody form.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
6. Duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

E - Analyte exceeded calibration range.
I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
J - Indicates that the associated numerical value is an estimated concentration.
Q - Indicates the presence of quantitative interferences.
X - Estimated maximum possible concentration.
Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.
R - Data was rejected due to a deficiency in the data generation process.

Inorganics

B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
J - Indicates that the associated numerical value is an estimated concentration.