

GE 159 Plastics Avenue Pittsfield, MA 01201 USA

September 14, 2007

Dean Tagliaferro EPA Project Coordinator c/o Weston Solutions, Inc. 10 Lyman Street Pittsfield, MA 01201

Re: Summary of 2007 Sediment Sampling Activities and Analytical Results Upper ½-Mile Reach of the Housatonic River (GECD800)

GE-Pittsfield/Housatonic River Site

Dear Mr. Tagliaferro:

As required by the *Removal Action Work Plan for the Upper ½-Mile Reach of Housatonic River* (Work Plan; BBL, 1999), which is Appendix F to the Consent Decree (CD) for the GE-Pittsfield/Housatonic River Site, the General Electric Company (GE) has collected and analyzed samples of (1) the sediments that have deposited on top of the cap installed as part of the remediation of the Upper ½-Mile Reach of the Housatonic River (½-Mile) in Pittsfield, Massachusetts, and (2) isolation layer materials within that cap. For both the deposited sediments (referred to as "restored sediments" in the Work Plan) and the isolation layer materials, these sampling and analytical activities were performed to satisfy the Work Plan's "5-Year" monitoring requirements. This letter summarizes the sampling activities performed and presents a summary and discussion of the associated analytical results.

Deposited Sediment Sampling and Analysis

Sampling Activities

GE collected post-remediation sediment samples at 39 locations within the ½-Mile on May 24-25, 2007 during low flow conditions. The locations sampled are depicted on Figure 1. This sampling was performed in satisfaction of the monitoring requirements set forth in Section 11.5.4 of the Work Plan and in accordance with the procedures described in GE's *Model Input Addendum* to the Corrective Measures Study Proposal for the Housatonic Rest of River (MIA;

Pennsylvania, for grain size analysis. At the time of sample processing, Weston Solutions, Inc., on EPA's behalf, collected 12 split samples (plus one duplicate) for analysis.

Results

As discussed above, sediment recovery lengths and probing thicknesses were recorded at each location. Sediment thicknesses, as estimated in the field, ranged from 2 to 30 inches, with an average thickness of 7.28 inches and a median of 6.0 inches. Similarly, sediment core recovery lengths ranged from 2 to 25 inches, with an average recovery of 6.7 inches and a median of 6.0 inches. Location-specific sediment probing thicknesses and maximum recovery lengths are summarized in Table 1. Grain size analysis results indicate that the majority of the collected materials were within the fine- to coarse-sand size range, with a less frequent occurrence of gravel and with a small percentage of silt (typically less than 2% by weight). Grain size analytical data are also summarized in Table 1. Field observations at the time of sample collection noted a petroleum odor at five locations; four of these locations were located at the upstream end of the ½-Mile and the fifth (RS-C17) was located at the approximate midpoint of the ½-Mile (see Table 1 and Figure 1).

Analytical results for PCBs and TOC in the sediment samples collected by GE are presented in Table 2. PCB concentrations reported for GE's samples ranged from non-detect to 10.6 milligrams per kilogram (mg/kg) (sample location RS-C17, 6- to 25-inch depth interval), with an overall average of 0.6 mg/kg (duplicate samples have been averaged for this report). In calculating average concentrations for this report, one-half the detection limit was used for any sample in which the concentration was reported as non-detect. Of the 51 sediment samples (after averaging the duplicate results), 45 samples (88%) showed PCB concentrations less than 1.0 mg/kg, 44 (86%) less than 0.5 mg/kg, and 12 (24%) less than 0.1 mg/kg. Three samples had no detectable PCB concentrations. TOC concentrations ranged from 0.13% to 2.3% (location RS-C29, 6- to 8-inch depth interval), with an average of approximately 0.4%.

PCB concentrations were generally lower in the surface samples (i.e., 0- to 6-inch or less), with arithmetic average concentrations in the surface and subsurface samples of 0.24 mg/kg and 1.8 mg/kg, respectively. The subsurface average is skewed, however, by the highest PCB concentrations. Exclusion of the highest concentration (10.4 mg/kg) reduces the subsurface average by approximately half, from 1.8 mg/kg to 0.96 mg/kg. TOC concentrations were also generally lower in surface samples, with arithmetic average concentrations of 0.34% and 0.57% in the surface and subsurface samples, respectively. Additionally, of the six samples with PCB analytical results greater than 1.0 mg/kg, four were collected from the subsurface, and PCB analytical results for 10 of the 12 locations from which subsurface samples were collected were greater in the subsurface than in the corresponding surface samples.

For the split samples collected by Weston for EPA, Table 3 presents the PCB analytical results both for the co-located GE samples and for the EPA split samples. Analytical data from the EPA split samples ranged from 0.040 mg/kg to 3.25 mg/kg (average of two duplicate samples), with an overall average of 0.49 mg/kg (compared to an overall average of 0.60 mg/kg for the GE samples). In general, the results of the split samples were consistent with the results of the GE samples; the highest EPA result corresponded to the highest GE result, and the majority of the samples showed low PCB levels with similar variabilities. Consistent with the GE samples, PCB concentrations were higher in the subsurface samples.

Isolation Layer Sampling and Analysis

Sampling Activities

Section 11.5.1 of the Work Plan requires that sampling of the isolation layer materials within the ½-Mile cap be conducted at six locations immediately after placement of the cap, one year after cap placement, and at the end of the initial five-year period after cap placement. EPA subsequently selected two additional locations for such sampling. The immediate post-placement sampling and one-year post-placement sampling of the isolation layer materials were

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Location ID:	RS-C1	RS-C4	RS-C7	RS-C10	RS-C14	RS-C17	RS-C17
Sample ID:	RS-C1	RS-C4	RS-C7	RS-C10	RS-C14	RS-C17	RS-C17
Sample Depth(Inches):	0-3	0-7	0-5	0-3	0-6	0-6	6-25
Parameter Date Collected:	05/25/07	05/25/07	05/25/07	05/25/07	05/25/07	05/25/07	05/25/07
PCBs							
Aroclor-1221	ND(0.023)	ND(0.024)	ND(0.024) [ND(0.023)]	ND(0.066)	ND(0.024)	ND(0.023)	ND(0.26)
Aroclor-1242	ND(0.023)	ND(0.024)	ND(0.024) [ND(0.023)]	ND(0.066)	ND(0.024)	ND(0.023)	ND(0.26)
Aroclor-1248	0.060 J	0.025 J	ND(0.024) [ND(0.023)]	0.19 J	ND(0.024)	ND(0.023)	1.1 J
Aroclor-1254	0.088	0.039	ND(0.024) [ND(0.023)]	0.54	0.055	0.046	2.3
Aroclor-1260	0.032	0.097	0.061 J [0.036 J]	1.3	0.11	0.11	7.2
Total PCBs	0.18 J	0.161 J	0.061 J [0.036 J]	2.03 J	0.165	0.156	10.6 J
Total Organic Carbon							
TOC - Replicate 1 (%)	0.21	0.35	0.19 [0.21]	0.26	0.23	0.24	0.56
TOC - Replicate 2 (%)	0.18	0.67	0.25 [0.77]	0.22	0.23	0.13	1.30
TOC - Replicate 3 (%)	0.16	0.25	0.27 [0.40]	0.23	0.17	0.19	0.94
TOC - Replicate 4 (%)	NA	0.21	[0.16]	NA	NA	0.12	0.57
TOC - Average (%)	0.18	0.37	0.24 [0.38]	0.24	0.21	0.17	0.85
TOC - % RSD	14	56	18 [72]	11	17	33	43

	Location ID: Sample ID: Sample Depth(Inches):	RS-C26 RS-C26 0-6	RS-C29 RS-C29 0-6	RS-C29 RS-C29 6-8	RS-C31 RS-C31 0-6	RS-C34 RS-C34 0-6	RS-C37 RS-C37 0-6	RS-C37 RS-C37 6-8
Parameter	Date Collected:	05/24/07	05/24/07	05/24/07	05/24/07	05/24/07	05/24/07	05/24/07
PCBs				•				
Aroclor-1016		ND(0.028)	ND(0.024)	ND(0.23) [ND(0.093)]	ND(0.023)	ND(0.023)	ND(0.024)	ND(0.024)
Aroclor-1221		ND(0.028)	ND(0.024)	ND(0.23) [ND(0.093)]	ND(0.023)	ND(0.023)	ND(0.024)	ND(0.024)
Aroclor-1232		ND(0.028)	ND(0.024)	ND(0.23) [ND(0.093)]	ND(0.023)	ND(0.023)	ND(0.024)	ND(0.024)
Aroclor-1242		ND(0.028)	ND(0.024)	ND(0.23) [ND(0.093)]	ND(0.023)	ND(0.023)	ND(0.024)	ND(0.024)
Aroclor-1248		0.063 J	ND(0.024)	ND(0.23) [0.43 J]	ND(0.023)	ND(0.023)	ND(0.024)	ND(0.024)
Aroclor-1254		0.098	0.024	ND(0.23) [0.49]	0.026	0.094	ND(0.024)	ND(0.024)
Aroclor-1260		0.16	0.091	4.6 J [2.5 J]	0.045	0.064	0.038	0.033
Total PCBs		0.321 J	0.115	4.6 J [3.42 J]	0.071	0.158	0.038	0.033
Total Organic Carbon								
TOC - Replicate 1 (%)		0.53	0.45	1.40 [2.70]	0.13	0.31	0.36	0.81
TOC - Replicate 2 (%)		0.48	0.30	1.30 [3.70]	0.37	0.27	0.52	0.48
TOC - Replicate 3 (%)		0.36	0.26	2.10 [2.40]	0.16	0.23	0.28	0.62
TOC - Replicate 4 (%)		NA	0.42	1.80	0.15	NA	0.17	0.50
TOC - Average (%)		0.46 J	0.36	1.63 J [2.95 J]	0.20	0.27	0.33 J	0.60
TOC - % RSD		20	25	23 [24]	57	15	45	25

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	Location ID:	RS-N2	RS-N5	RS-N8	RS-N11	RS-N11	RS-N12	RS-N15
	Sample ID:	RS-N2	RS-N5	RS-N8	RS-N11	RS-N11	RS-N12	RS-N15
	Sample Depth(Inches):	0-3	0-6	0-2	0-6	6-10	0-5	0-6
Parameter	Date Collected:	39,227	39,227	39,227	39,227	39,227	05/25/07	05/25/07
PCBs								
Aroclor-1016		ND(0.023)	ND(0.024)	ND(0.022)	ND(0.023)	ND(0.095)	ND(0.024)	ND(0.024)
Aroclor-1221		ND(0.023)	ND(0.024)	ND(0.022)	ND(0.023)	ND(0.095)	ND(0.024)	ND(0.024)
Aroclor-1232		ND(0.023)	ND(0.024)	ND(0.022)	ND(0.023)	ND(0.095)	ND(0.024)	ND(0.024)
Aroclor-1242		ND(0.023)	ND(0.024)	ND(0.022)	ND(0.023)	ND(0.095)	ND(0.024)	ND(0.024)
Aroclor-1248		0.045 J	ND(0.024)	0.023 J	ND(0.023)	ND(0.095)	0.20 J	0.025 J
Aroclor-1254		0.033	0.033	0.25	0.069	1	0.59	0.064
Aroclor-1260		0.051	0.095	0.17	0.19	1.9	0.32	0.085
Total PCBs		0.129 J	0.128	0.443 J	0.259	2.9	1.11 J	0.174 J
Total Organic Carbon								
TOC - Replicate 1 (%)		0.30	0.15	0.24	0.13	0.38	0.20	0.20
TOC - Replicate 2 (%)		0.64	0.17	0.23	1.20	1.20	0.30	3.30
TOC - Replicate 3 (%)		0.40	0.20	0.77	0.45	0.25	0.20	0.21
TOC - Replicate 4 (%)		0.63	NA	0.45	NA	0.25	NA	0.15
TOC - Average (%)		0.49	0.18	0.42	0.55	0.51	0.23	0.97
TOC - % RSD		35	13	60	80	86	24	160
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	Location ID:	RS-N15	RS-N18	RS-N18	RS-N27	RS-N30	RS-N32	RS-N32
	Location ID: Sample ID:	RS-N15 RS-N15	RS-N18 RS-N18	RS-N18	RS-N27 RS-N27	RS-N30 RS-N30	RS-N32	RS-N32
					-			
Parameter	Sample ID:	RS-N15	RS-N18	RS-N18	RS-N27	RS-N30	RS-N32	RS-N32
	Sample ID: Sample Depth(Inches):	RS-N15 6-9	RS-N18 0-6	RS-N18 6-14	RS-N27 0-6	RS-N30 0-4	RS-N32 0-6	RS-N32 6-9
PCBs	Sample ID: Sample Depth(Inches):	RS-N15 6-9	RS-N18 0-6	RS-N18 6-14	RS-N27 0-6	RS-N30 0-4	RS-N32 0-6	RS-N32 6-9
PCBs Aroclor-1016	Sample ID: Sample Depth(Inches):	RS-N15 6-9 39,227	RS-N18 0-6 39,226	RS-N18 6-14 39,226	RS-N27 0-6 39,226	RS-N30 0-4 39,226	RS-N32 0-6 05/24/07	RS-N32 6-9 05/24/07
PCBs Aroclor-1016 Aroclor-1221	Sample ID: Sample Depth(Inches):	RS-N15 6-9 39,227 ND(0.024)	RS-N18 0-6 39,226 ND(0.025)	RS-N18 6-14 39,226 ND(0.024)	RS-N27 0-6 39,226 ND(0.022)	RS-N30 0-4 39,226 ND(0.023)	RS-N32 0-6 05/24/07 ND(0.022)	RS-N32 6-9 05/24/07 ND(0.025)
PCBs Aroclor-1016 Aroclor-1221 Aroclor-1232	Sample ID: Sample Depth(Inches):	RS-N15 6-9 39,227 ND(0.024) ND(0.024)	RS-N18 0-6 39,226 ND(0.025) ND(0.025)	RS-N18 6-14 39,226 ND(0.024) ND(0.024)	RS-N27 0-6 39,226 ND(0.022) ND(0.022)	RS-N30 0-4 39,226 ND(0.023) ND(0.023)	RS-N32 0-6 05/24/07 ND(0.022) ND(0.022)	RS-N32 6-9 05/24/07 ND(0.025) ND(0.025)
PCBs Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242	Sample ID: Sample Depth(Inches):	RS-N15 6-9 39,227 ND(0.024) ND(0.024) ND(0.024)	RS-N18 0-6 39,226 ND(0.025) ND(0.025) ND(0.025)	RS-N18 6-14 39,226 ND(0.024) ND(0.024) ND(0.024)	RS-N27 0-6 39,226 ND(0.022) ND(0.022) ND(0.022)	RS-N30 0-4 39,226 ND(0.023) ND(0.023) ND(0.023)	RS-N32 0-6 05/24/07 ND(0.022) ND(0.022) ND(0.022)	RS-N32 6-9 05/24/07 ND(0.025) ND(0.025) ND(0.025)
PCBs Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248	Sample ID: Sample Depth(Inches):	RS-N15 6-9 39,227 ND(0.024) ND(0.024) ND(0.024) ND(0.024)	RS-N18 0-6 39,226 ND(0.025) ND(0.025) ND(0.025) ND(0.025)	RS-N18 6-14 39,226 ND(0.024) ND(0.024) ND(0.024) ND(0.024)	RS-N27 0-6 39,226 ND(0.022) ND(0.022) ND(0.022) ND(0.022)	RS-N30 0-4 39,226 ND(0.023) ND(0.023) ND(0.023) ND(0.023)	RS-N32 0-6 05/24/07 ND(0.022) ND(0.022) ND(0.022) ND(0.022)	RS-N32 6-9 05/24/07 ND(0.025) ND(0.025) ND(0.025) ND(0.025)
PCBs Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254	Sample ID: Sample Depth(Inches):	RS-N15 6-9 39,227 ND(0.024) ND(0.024) ND(0.024) ND(0.024) 0.35 J	RS-N18 0-6 39,226 ND(0.025) ND(0.025) ND(0.025) ND(0.025) 0.078 J	RS-N18 6-14 39,226 ND(0.024) ND(0.024) ND(0.024) ND(0.024) O.11 J	RS-N27 0-6 39,226 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022)	RS-N30 0-4 39,226 ND(0.023) ND(0.023) ND(0.023) ND(0.023) 0.025 J	RS-N32 0-6 05/24/07 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022)	RS-N32 6-9 05/24/07 ND(0.025) ND(0.025) ND(0.025) ND(0.025) 0.039 J
PCBs Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	Sample ID: Sample Depth(Inches):	RS-N15 6-9 39,227 ND(0.024) ND(0.024) ND(0.024) ND(0.024) 0.35 J 0.96	RS-N18 0-6 39,226 ND(0.025) ND(0.025) ND(0.025) ND(0.025) 0.078 J 0.18	RS-N18 6-14 39,226 ND(0.024) ND(0.024) ND(0.024) ND(0.024) 0.11 J 0.048	RS-N27 0-6 39,226 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022)	RS-N30 0-4 39,226 ND(0.023) ND(0.023) ND(0.023) ND(0.023) 0.025 J 0.1	RS-N32 0-6 05/24/07 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022)	RS-N32 6-9 05/24/07 ND(0.025) ND(0.025) ND(0.025) ND(0.025) 0.039 J 0.046
Parameter PCBs Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Total PCBs Total Organic Carbon	Sample ID: Sample Depth(Inches):	RS-N15 6-9 39,227 ND(0.024) ND(0.024) ND(0.024) ND(0.024) 0.35 J 0.96 0.2	RS-N18 0-6 39,226 ND(0.025) ND(0.025) ND(0.025) ND(0.025) 0.078 J 0.18 0.11	RS-N18 6-14 39,226 ND(0.024) ND(0.024) ND(0.024) ND(0.024) 0.11 J 0.048 0.068	RS-N27 0-6 39,226 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) 0.034	RS-N30 0-4 39,226 ND(0.023) ND(0.023) ND(0.023) ND(0.023) 0.025 J 0.1 0.04	RS-N32 0-6 05/24/07 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022)	RS-N32 6-9 05/24/07 ND(0.025) ND(0.025) ND(0.025) ND(0.025) 0.039 J 0.046 0.14
PCBs Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Total PCBs Total Organic Carbon	Sample ID: Sample Depth(Inches):	RS-N15 6-9 39,227 ND(0.024) ND(0.024) ND(0.024) ND(0.024) 0.35 J 0.96 0.2	RS-N18 0-6 39,226 ND(0.025) ND(0.025) ND(0.025) ND(0.025) 0.078 J 0.18 0.11	RS-N18 6-14 39,226 ND(0.024) ND(0.024) ND(0.024) ND(0.024) 0.11 J 0.048 0.068	RS-N27 0-6 39,226 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) 0.034	RS-N30 0-4 39,226 ND(0.023) ND(0.023) ND(0.023) ND(0.023) 0.025 J 0.1 0.04	RS-N32 0-6 05/24/07 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022)	RS-N32 6-9 05/24/07 ND(0.025) ND(0.025) ND(0.025) ND(0.025) 0.039 J 0.046 0.14
PCBs Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Total PCBs Total Organic Carbon TOC - Replicate 1 (%)	Sample ID: Sample Depth(Inches):	RS-N15 6-9 39,227 ND(0.024) ND(0.024) ND(0.024) ND(0.024) 0.35 J 0.96 0.2 1.51 J	RS-N18 0-6 39,226 ND(0.025) ND(0.025) ND(0.025) ND(0.025) 0.078 J 0.18 0.11 0.368 J	RS-N18 6-14 39,226 ND(0.024) ND(0.024) ND(0.024) ND(0.024) 0.11 J 0.048 0.068 0.226 J	RS-N27 0-6 39,226 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) 0.034 0.034	RS-N30 0-4 39,226 ND(0.023) ND(0.023) ND(0.023) ND(0.023) 0.025 J 0.1 0.04 0.165 J	RS-N32 0-6 05/24/07 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022)	RS-N32 6-9 05/24/07 ND(0.025) ND(0.025) ND(0.025) ND(0.025) 0.039 J 0.046 0.14 0.225 J
PCBs Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Total PCBs Total Organic Carbon TOC - Replicate 1 (%) TOC - Replicate 2 (%)	Sample ID: Sample Depth(Inches):	RS-N15 6-9 39,227 ND(0.024) ND(0.024) ND(0.024) ND(0.024) 0.35 J 0.96 0.2 1.51 J	RS-N18 0-6 39,226 ND(0.025) ND(0.025) ND(0.025) ND(0.025) 0.078 J 0.18 0.11 0.368 J	RS-N18 6-14 39,226 ND(0.024) ND(0.024) ND(0.024) ND(0.024) 0.11 J 0.048 0.068 0.226 J	RS-N27 0-6 39,226 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) 0.034 0.034	RS-N30 0-4 39,226 ND(0.023) ND(0.023) ND(0.023) ND(0.023) 0.025 J 0.1 0.04 0.165 J	RS-N32 0-6 05/24/07 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022)	RS-N32 6-9 05/24/07 ND(0.025) ND(0.025) ND(0.025) ND(0.025) 0.039 J 0.046 0.14 0.225 J
PCBs Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Total PCBs Total Organic Carbon TOC - Replicate 1 (%) TOC - Replicate 2 (%) TOC - Replicate 3 (%)	Sample ID: Sample Depth(Inches):	RS-N15 6-9 39,227 ND(0.024) ND(0.024) ND(0.024) ND(0.024) 0.35 J 0.96 0.2 1.51 J	RS-N18 0-6 39,226 ND(0.025) ND(0.025) ND(0.025) ND(0.025) 0.078 J 0.18 0.11 0.368 J 0.26 0.51	RS-N18 6-14 39,226 ND(0.024) ND(0.024) ND(0.024) ND(0.024) 0.11 J 0.048 0.068 0.226 J	RS-N27 0-6 39,226 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) 0.034 0.034	RS-N30 0-4 39,226 ND(0.023) ND(0.023) ND(0.023) ND(0.023) 0.025 J 0.1 0.04 0.165 J	RS-N32 0-6 05/24/07 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022)	RS-N32 6-9 05/24/07 ND(0.025) ND(0.025) ND(0.025) ND(0.025) 0.039 J 0.046 0.14 0.225 J
PCBs Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Total PCBs	Sample ID: Sample Depth(Inches):	RS-N15 6-9 39,227 ND(0.024) ND(0.024) ND(0.024) 0.35 J 0.96 0.2 1.51 J	RS-N18 0-6 39,226 ND(0.025) ND(0.025) ND(0.025) ND(0.025) 0.078 J 0.18 0.11 0.368 J 0.26 0.51 0.34	RS-N18 6-14 39,226 ND(0.024) ND(0.024) ND(0.024) ND(0.024) 0.11 J 0.048 0.068 0.226 J	RS-N27 0-6 39,226 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) 0.034 0.034	RS-N30 0-4 39,226 ND(0.023) ND(0.023) ND(0.023) ND(0.023) 0.025 J 0.1 0.04 0.165 J	RS-N32 0-6 05/24/07 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022)	RS-N32 6-9 05/24/07 ND(0.025) ND(0.025) ND(0.025) ND(0.025) 0.039 J 0.046 0.14 0.225 J

UPPER 1/2-MILE REACH OF THE HOUSATONIC RIVER GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

	Location ID:	RS-N35	RS-N35	RS-S3	RS-S6	RS-S9	RS-S13	RS-S16
	Sample ID:	RS-N35	RS-N35	RS-S3	RS-S6	RS-S9	RS-S13	RS-S16
	Sample Depth(Inches):	0-6	6-8	0-6	0-3	0-3	0-3	0-6
Parameter	Date Collected:	39,226	39,226	39,227	39,227	39,227	05/25/07	05/25/07
PCBs								
Aroclor-1016		ND(0.023)	ND(0.023)	ND(0.022)	ND(0.021)	ND(0.024)	ND(0.025)	ND(0.025)
Aroclor-1221		ND(0.023)	ND(0.023)	ND(0.022)	ND(0.021)	ND(0.024)	ND(0.025)	ND(0.025)
Aroclor-1232		ND(0.023)	ND(0.023)	ND(0.022)	ND(0.021)	ND(0.024)	ND(0.025)	ND(0.025)
Aroclor-1242		ND(0.023)	ND(0.023)	0.042 J	ND(0.021)	ND(0.024)	ND(0.025)	ND(0.025)
Aroclor-1248		ND(0.023)	0.039 J	ND(0.022)	ND(0.021)	ND(0.024)	ND(0.025)	ND(0.025)
Aroclor-1254		ND(0.023)	0.073	0.044	0.058	ND(0.024)	0.049	0.047
Aroclor-1260		0.044	0.12	0.034	0.24	ND(0.024)	0.074	0.094
Total PCBs		0.044	0.232 J	0.12 J	0.298	ND(0.024)	0.123	0.141
Total Organic Carbon							•	
TOC - Replicate 1 (%)		0.16	0.35	0.33	0.24	0.15	0.19	0.15
TOC - Replicate 2 (%)		0.13	0.26	0.19	0.31	0.17	0.39	0.19
TOC - Replicate 3 (%)		0.24	0.25	0.13	0.26	0.12	0.11	0.15
TOC - Replicate 4 (%)		0.27	NA	0.14	NA	NA	0.17	NA
TOC - Average (%)		0.20	0.29	0.20	0.27	0.14	0.22	0.17 J
TOC - % RSD		32	20	47	14	17	58	15
		52	20	71	17	17	00	10
		32	20	71	17	17	50	10
	Location ID:	RS-S16	RS-S19	RS-S20	RS-S20	RS-S21	RS-S22	RS-S23
	Sample ID:						RS-S22 RS-S22	RS-S23 RS-S23
	Sample ID: Sample Depth(Inches):	RS-S16 RS-S16 6-11	RS-S19 RS-S19 0-6	RS-S20 RS-S20 0-6	RS-S20 RS-S20 6-10	RS-S21 RS-S21 0-6	RS-S22 RS-S22 0-6	RS-S23 RS-S23 0-6
	Sample ID:	RS-S16 RS-S16	RS-S19 RS-S19	RS-S20 RS-S20	RS-S20 RS-S20	RS-S21 RS-S21	RS-S22 RS-S22	RS-S23 RS-S23
	Sample ID: Sample Depth(Inches):	RS-S16 RS-S16 6-11 39,227	RS-S19 RS-S19 0-6 39,227	RS-S20 RS-S20 0-6 39,226	RS-S20 RS-S20 6-10 39,226	RS-S21 RS-S21 0-6 39,226	RS-S22 RS-S22 0-6 05/24/07	RS-S23 RS-S23 0-6 05/24/07
Parameter :	Sample ID: Sample Depth(Inches):	RS-S16 RS-S16 6-11	RS-S19 RS-S19 0-6 39,227	RS-S20 RS-S20 0-6 39,226	RS-S20 RS-S20 6-10	RS-S21 RS-S21 0-6	RS-S22 RS-S22 0-6	RS-S23 RS-S23 0-6
Parameter PCBs	Sample ID: Sample Depth(Inches):	RS-S16 RS-S16 6-11 39,227	RS-S19 RS-S19 0-6 39,227	RS-S20 RS-S20 0-6 39,226	RS-S20 RS-S20 6-10 39,226	RS-S21 RS-S21 0-6 39,226	RS-S22 RS-S22 0-6 05/24/07	RS-S23 RS-S23 0-6 05/24/07
Parameter PCBs Aroclor-1016 Aroclor-1221 Aroclor-1232	Sample ID: Sample Depth(Inches):	RS-S16 RS-S16 6-11 39,227 ND(0.027) ND(0.027) ND(0.027)	RS-S19 RS-S19 0-6 39,227 ND(0.020) ND(0.020) ND(0.020)	RS-S20 RS-S20 0-6 39,226 ND(0.022) ND(0.022) ND(0.022)	RS-S20 RS-S20 6-10 39,226 ND(0.022) ND(0.022) ND(0.022)	RS-S21 RS-S21 0-6 39,226 ND(0.025) ND(0.025) ND(0.025)	RS-S22 RS-S22 0-6 05/24/07 ND(0.024) [ND(0.024)] ND(0.024) [0.051 J] ND(0.024) [ND(0.024)]	RS-S23 RS-S23 0-6 05/24/07 ND(0.023) ND(0.023) ND(0.023)
Parameter PCBs Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242	Sample ID: Sample Depth(Inches):	RS-S16 RS-S16 6-11 39,227 ND(0.027) ND(0.027) ND(0.027) ND(0.027)	RS-S19 RS-S19 0-6 39,227 ND(0.020) ND(0.020) ND(0.020) 0.12 J	RS-S20 RS-S20 0-6 39,226 ND(0.022) ND(0.022) ND(0.022) ND(0.022)	RS-S20 RS-S20 6-10 39,226 ND(0.022) ND(0.022) ND(0.022) ND(0.022)	RS-S21 RS-S21 0-6 39,226 ND(0.025) ND(0.025) ND(0.025) ND(0.025)	RS-S22 RS-S22 0-6 05/24/07 ND(0.024) [ND(0.024)] ND(0.024) [0.051 J] ND(0.024) [ND(0.024)] ND(0.024) [ND(0.024)]	RS-S23 RS-S23 0-6 05/24/07 ND(0.023) ND(0.023) ND(0.023) ND(0.023)
Parameter PCBs Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248	Sample ID: Sample Depth(Inches):	RS-S16 RS-S16 6-11 39,227 ND(0.027) ND(0.027) ND(0.027) ND(0.027) O.17 J	RS-S19 RS-S19 0-6 39,227 ND(0.020) ND(0.020) ND(0.020) 0.12 J ND(0.020)	RS-S20 RS-S20 0-6 39,226 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022)	RS-S20 RS-S20 6-10 39,226 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022)	RS-S21 RS-S21 0-6 39,226 ND(0.025) ND(0.025) ND(0.025) ND(0.025) ND(0.025)	RS-S22 RS-S22 0-6 05/24/07 ND(0.024) [ND(0.024)] ND(0.024) [0.051 J] ND(0.024) [ND(0.024)] ND(0.024) [ND(0.024)] ND(0.024) [0.025 J]	RS-S23 RS-S23 0-6 05/24/07 ND(0.023) ND(0.023) ND(0.023) ND(0.023) 0.024 J
Parameter PCBs Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254	Sample ID: Sample Depth(Inches):	RS-S16 RS-S16 6-11 39,227 ND(0.027) ND(0.027) ND(0.027) ND(0.027) 0.17 J 0.2	RS-S19 RS-S19 0-6 39,227 ND(0.020) ND(0.020) ND(0.020) 0.12 J ND(0.020) 0.076	RS-S20 RS-S20 0-6 39,226 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022)	RS-S20 RS-S20 6-10 39,226 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) 0.026	RS-S21 RS-S21 0-6 39,226 ND(0.025) ND(0.025) ND(0.025) ND(0.025) ND(0.025) O.044	RS-S22 RS-S22 0-6 05/24/07 ND(0.024) [ND(0.024)] ND(0.024) [0.051 J] ND(0.024) [ND(0.024)] ND(0.024) [ND(0.024)] ND(0.024) [0.025 J] 0.047 [0.06]	RS-S23 RS-S23 0-6 05/24/07 ND(0.023) ND(0.023) ND(0.023) ND(0.023) 0.024 J 0.11
Parameter PCBs Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1254 Aroclor-1260	Sample ID: Sample Depth(Inches):	RS-S16 RS-S16 6-11 39,227 ND(0.027) ND(0.027) ND(0.027) ND(0.027) ND(0.027) 0.17 J 0.2 0.35	RS-S19 RS-S19 0-6 39,227 ND(0.020) ND(0.020) ND(0.020) 0.12 J ND(0.020) 0.076 0.048	RS-S20 RS-S20 0-6 39,226 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022)	RS-S20 RS-S20 6-10 39,226 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) 0.026 0.024	RS-S21 RS-S21 0-6 39,226 ND(0.025) ND(0.025) ND(0.025) ND(0.025) ND(0.025) 0.044 0.08	RS-S22 RS-S22 0-6 05/24/07 ND(0.024) [ND(0.024)] ND(0.024) [0.051 J] ND(0.024) [ND(0.024)] ND(0.024) [ND(0.024)] ND(0.024) [0.025 J] 0.047 [0.06] 0.13 J [0.047 J]	RS-S23 RS-S23 0-6 05/24/07 ND(0.023) ND(0.023) ND(0.023) ND(0.023) 0.024 J 0.11 0.028
Parameter PCBs Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1254 Aroclor-1260 Total PCBs	Sample ID: Sample Depth(Inches):	RS-S16 RS-S16 6-11 39,227 ND(0.027) ND(0.027) ND(0.027) ND(0.027) 0.17 J 0.2	RS-S19 RS-S19 0-6 39,227 ND(0.020) ND(0.020) ND(0.020) 0.12 J ND(0.020) 0.076	RS-S20 RS-S20 0-6 39,226 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022)	RS-S20 RS-S20 6-10 39,226 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) 0.026	RS-S21 RS-S21 0-6 39,226 ND(0.025) ND(0.025) ND(0.025) ND(0.025) ND(0.025) O.044	RS-S22 RS-S22 0-6 05/24/07 ND(0.024) [ND(0.024)] ND(0.024) [0.051 J] ND(0.024) [ND(0.024)] ND(0.024) [ND(0.024)] ND(0.024) [0.025 J] 0.047 [0.06]	RS-S23 RS-S23 0-6 05/24/07 ND(0.023) ND(0.023) ND(0.023) ND(0.023) 0.024 J 0.11
Parameter PCBs Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1254 Aroclor-1260	Sample ID: Sample Depth(Inches):	RS-S16 RS-S16 6-11 39,227 ND(0.027) ND(0.027) ND(0.027) ND(0.027) 0.17 J 0.2 0.35 0.72 J	RS-S19 RS-S19 0-6 39,227 ND(0.020) ND(0.020) ND(0.020) 0.12 J ND(0.020) 0.076 0.048	RS-S20 RS-S20 0-6 39,226 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022)	RS-S20 RS-S20 6-10 39,226 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) 0.026 0.024	RS-S21 RS-S21 0-6 39,226 ND(0.025) ND(0.025) ND(0.025) ND(0.025) ND(0.025) O.044 0.08 0.124	RS-S22 RS-S22 0-6 05/24/07 ND(0.024) [ND(0.024)] ND(0.024) [0.051 J] ND(0.024) [ND(0.024)] ND(0.024) [ND(0.024)] ND(0.024) [ND(0.024)] ND(0.024) [0.025 J] 0.047 [0.06] 0.13 J [0.047 J] 0.177 J [0.183 J]	RS-S23 RS-S23 0-6 05/24/07 ND(0.023) ND(0.023) ND(0.023) ND(0.023) 0.024 J 0.111 0.028 0.162 J
Parameter PCBs Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Total PCBs Total Organic Carbon TOC - Replicate 1 (%)	Sample ID: Sample Depth(Inches):	RS-S16 RS-S16 6-11 39,227 ND(0.027) ND(0.027) ND(0.027) ND(0.027) 0.17 J 0.2 0.35 0.72 J	RS-S19 RS-S19 0-6 39,227 ND(0.020) ND(0.020) ND(0.020) 0.12 J ND(0.020) 0.076 0.048 0.244 J	RS-S20 RS-S20 0-6 39,226 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022)	RS-S20 RS-S20 6-10 39,226 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) 0.026 0.024 0.050	RS-S21 RS-S21 0-6 39,226 ND(0.025) ND(0.025) ND(0.025) ND(0.025) ND(0.025) O.044 0.08 0.124	RS-S22 RS-S22 0-6 05/24/07 ND(0.024) [ND(0.024)] ND(0.024) [0.051 J] ND(0.024) [ND(0.024)] ND(0.024) [ND(0.024)] ND(0.024) [ND(0.024)] 0.047 [0.06] 0.13 J [0.047 J] 0.177 J [0.183 J]	RS-S23 RS-S23 0-6 05/24/07 ND(0.023) ND(0.023) ND(0.023) ND(0.023) 0.024 J 0.11 0.028
Parameter PCBs Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1254 Aroclor-1254 Aroclor-1260 Total PCBs Total Organic Carbon TOC - Replicate 1 (%) TOC - Replicate 2 (%)	Sample ID: Sample Depth(Inches):	RS-S16 RS-S16 6-11 39,227 ND(0.027) ND(0.027) ND(0.027) ND(0.027) 0.17 J 0.2 0.35 0.72 J	RS-S19 RS-S19 0-6 39,227 ND(0.020) ND(0.020) ND(0.020) 0.12 J ND(0.020) 0.076 0.048 0.244 J 0.09 0.10	RS-S20 RS-S20 0-6 39,226 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022)	RS-S20 RS-S20 6-10 39,226 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) 0.026 0.024 0.050	RS-S21 RS-S21 0-6 39,226 ND(0.025) ND(0.025) ND(0.025) ND(0.025) ND(0.025) O.044 0.08 0.124	RS-S22 RS-S22 0-6 05/24/07 ND(0.024) [ND(0.024)] ND(0.024) [0.051 J] ND(0.024) [ND(0.024)] ND(0.024) [ND(0.024)] ND(0.024) [0.025 J] 0.047 [0.06] 0.13 J [0.047 J] 0.177 J [0.183 J]	RS-S23 RS-S23 0-6 05/24/07 ND(0.023) ND(0.023) ND(0.023) ND(0.023) 0.024 J 0.11 0.028 0.162 J
Parameter PCBs Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Total PCBs Total Organic Carbon TOC - Replicate 1 (%) TOC - Replicate 3 (%)	Sample ID: Sample Depth(Inches):	RS-S16 RS-S16 6-11 39,227 ND(0.027) ND(0.027) ND(0.027) ND(0.027) 0.17 J 0.2 0.35 0.72 J	RS-S19 RS-S19 0-6 39,227 ND(0.020) ND(0.020) ND(0.020) 0.12 J ND(0.020) 0.076 0.048 0.244 J 0.09 0.10 2.40	RS-S20 RS-S20 0-6 39,226 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022)	RS-S20 RS-S20 6-10 39,226 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) 0.026 0.024 0.050	RS-S21 RS-S21 0-6 39,226 ND(0.025) ND(0.025) ND(0.025) ND(0.025) ND(0.025) 0.044 0.08 0.124	RS-S22 RS-S22 0-6 05/24/07 ND(0.024) [ND(0.024)] ND(0.024) [0.051 J] ND(0.024) [ND(0.024)] ND(0.024) [ND(0.024)] ND(0.024) [0.025 J] 0.047 [0.06] 0.13 J [0.047 J] 0.177 J [0.183 J] 0.30 [0.750] 0.31 [0.72] 0.39 [1.30]	RS-S23 RS-S23 0-6 05/24/07 ND(0.023) ND(0.023) ND(0.023) ND(0.023) 0.024 J 0.11 0.028 0.162 J
Parameter PCBs Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1250 Total PCBs Total Organic Carbon TOC - Replicate 1 (%) TOC - Replicate 2 (%) TOC - Replicate 3 (%) TOC - Replicate 4 (%)	Sample ID: Sample Depth(Inches):	RS-S16 RS-S16 6-11 39,227 ND(0.027) ND(0.027) ND(0.027) ND(0.027) 0.17 J 0.2 0.35 0.72 J	RS-S19 RS-S19 0-6 39,227 ND(0.020) ND(0.020) ND(0.020) 0.12 J ND(0.020) 0.076 0.048 0.244 J 0.09 0.10 2.40 0.21	RS-S20 RS-S20 0-6 39,226 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022)	RS-S20 RS-S20 6-10 39,226 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) 0.026 0.024 0.050	RS-S21 RS-S21 0-6 39,226 ND(0.025) ND(0.025) ND(0.025) ND(0.025) ND(0.025) 0.044 0.08 0.124	RS-S22 RS-S22 0-6 05/24/07 ND(0.024) [ND(0.024)] ND(0.024) [0.051 J] ND(0.024) [ND(0.024)] ND(0.024) [ND(0.024)] ND(0.024) [0.025 J] 0.047 [0.06] 0.13 J [0.047 J] 0.177 J [0.183 J] 0.30 [0.750] 0.31 [0.72] 0.39 [1.30]	RS-S23 RS-S23 0-6 05/24/07 ND(0.023) ND(0.023) ND(0.023) ND(0.023) 0.024 J 0.11 0.028 0.162 J
Parameter PCBs Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1250 Total PCBs Total Organic Carbon TOC - Replicate 1 (%) TOC - Replicate 3 (%)	Sample ID: Sample Depth(Inches):	RS-S16 RS-S16 6-11 39,227 ND(0.027) ND(0.027) ND(0.027) ND(0.027) 0.17 J 0.2 0.35 0.72 J	RS-S19 RS-S19 0-6 39,227 ND(0.020) ND(0.020) ND(0.020) 0.12 J ND(0.020) 0.076 0.048 0.244 J 0.09 0.10 2.40	RS-S20 RS-S20 0-6 39,226 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022)	RS-S20 RS-S20 6-10 39,226 ND(0.022) ND(0.022) ND(0.022) ND(0.022) ND(0.022) 0.026 0.024 0.050	RS-S21 RS-S21 0-6 39,226 ND(0.025) ND(0.025) ND(0.025) ND(0.025) ND(0.025) 0.044 0.08 0.124	RS-S22 RS-S22 0-6 05/24/07 ND(0.024) [ND(0.024)] ND(0.024) [0.051 J] ND(0.024) [ND(0.024)] ND(0.024) [ND(0.024)] ND(0.024) [0.025 J] 0.047 [0.06] 0.13 J [0.047 J] 0.177 J [0.183 J] 0.30 [0.750] 0.31 [0.72] 0.39 [1.30]	RS-S23 RS-S23 0-6 05/24/07 ND(0.023) ND(0.023) ND(0.023) ND(0.023) 0.024 J 0.11 0.028 0.162 J

UPPER 1/2-MILE REACH OF THE HOUSATONIC RIVER GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Location ID:	RS-S23	RS-S24	RS-S24	RS-S25	RS-S28	RS-S33	RS-S36
Sample ID:	RS-S23	RS-S24	RS-S24	RS-S25	RS-S28	RS-S33	RS-S36
Sample Depth(Inches):	6-11	0-6	6-9	0-4	0-6	0-5	0-5
Parameter Date Collected:	39,226	39,226	39,226	39,226	39,226	05/24/07	05/24/07
PCBs							
Aroclor-1016	ND(0.024)	ND(0.026)	ND(0.022)	ND(0.025)	ND(0.025)	ND(0.024)	ND(0.024)
Aroclor-1221	ND(0.024)	ND(0.026)	ND(0.022)	ND(0.025)	ND(0.025)	ND(0.024)	ND(0.024)
Aroclor-1232	ND(0.024)	ND(0.026)	ND(0.022)	ND(0.025)	ND(0.025)	ND(0.024)	ND(0.024)
Aroclor-1242	ND(0.024)	ND(0.026)	ND(0.022)	ND(0.025)	ND(0.025)	ND(0.024)	ND(0.024)
Aroclor-1248	0.047 J	ND(0.026)	0.062 J	0.040 J	0.030 J	ND(0.024)	0.076 J
Aroclor-1254	0.073	ND(0.026)	0.27	0.054	0.047	0.056	0.18
Aroclor-1260	0.083	0.052	0.11	0.2	0.073	0.032	0.11
Total PCBs	0.203 J	0.052	0.442 J	0.294 J	0.15 J	0.088	0.366 J
Total Organic Carbon							
TOC - Replicate 1 (%)	0.43	0.22	0.17	0.15	0.81	0.35	0.16
TOC - Replicate 2 (%)	0.44	0.40	0.11	0.18	0.32	0.29	0.14
TOC - Replicate 3 (%)	0.37	0.25	0.15	0.55	0.38	0.23	0.20
TOC - Replicate 4 (%)	NA	1.10	NA	0.12	0.39	NA	NA
TOC - Average (%)	0.41	0.49	0.14	0.25	0.47	0.29	0.17
TOC - % RSD	8	84	22	80	48	21	17

	Location ID:	RS-XXX	RS-YYY
	Sample ID:	RS-XXX	RS-YYY
	Sample Depth(Inches):	0-6	0-3
Parameter	Date Collected:	39,226	39,227
PCBs			
Aroclor-1016		ND(0.023)	ND(0.023)
Aroclor-1221		ND(0.023)	ND(0.023)
Aroclor-1232		ND(0.023)	ND(0.023)
Aroclor-1242		ND(0.023)	ND(0.023)
Aroclor-1248		0.044 J	0.066 J
Aroclor-1254		0.11	0.14
Aroclor-1260		0.16	0.26
Total PCBs		0.314 J	0.466 J
Total Organic Carbon			
TOC - Replicate 1 (%)		0.26	0.33
TOC - Replicate 2 (%)		0.13	0.17
TOC - Replicate 3 (%)		0.23	0.31
TOC - Replicate 4 (%)		0.13	0.26
TOC - Average (%)		0.19	0.26
TOC - % RSD		36	27

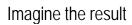
UPPER 1/2-MILE REACH OF THE HOUSATONIC RIVER GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results for PCBs are presented in dry weight mg/kg and results for TOC are presented in percent TOC)

- 1. Samples were collected by ARCADIS BBL, and submitted to Northeast Analytical, Inc. for analysis of PCBs and TOC.
- 2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved June 13, 2007).
- 3. NA Not Analyzed TOC Replicate 4 was analyzed and reported by the laboratory only if the percent relative standard deviation (% RSD) of Replicate 1 through Replicate 3 was greater than 25%.
 4. Field duplicate sample results are presented in brackets.

Data Qualifiers:

J - Indicates that the associated numerical value is an estimated concentration.





General Electric Company Pittsfield, Massachusetts

2007 Annual Monitoring Report

Upper ½-Mile Reach of the Housatonic River

January 2008