Attachment B

Analytical Data Tables

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

TABLE 1
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

BASELINE SEDIMENT SAMPLE DATA

Sample ID: / Date Collected:	S1 6/10/2004	S1-DUP 6/10/2004	S2 5/19/2004	S2-DUP 5/19/2004	S3 5/19/2004	S4B 6/24/2004	S4B-DUP 6/24/2004
PCBs (mg/Kg)							
Aroclor-1016	0.055 U	0.069 U	1.0 U	NA	0.73 U	3.3 U	3.3 U
Aroclor-1221	5.0	6.6	120	NA	79	430	410
Aroclor-1232	0.055 U	0.069 U	1.0 U	NA	0.73 U	3.3 U	3.3 U
Aroclor-1242	3.0	4.7	18	NA	22	60	56
Aroclor-1248	0.055 U	0.069 U	1.0 U	NA	0.73 U	3.3 U	3.3 U
Aroclor-1254	0.055 U	0.069 U	1.0 U	NA	0.73 U	3.3 U	3.3 U
Aroclor-1260	0.055 U	0.069 U	1.0 U	NA	0.73 U	3.3 U	3.3 U
Total PCBs	8.0	11.3	138	NA	101	490	466
PAHs (mg/Kg)							
Acenaphthene	0.415 U	0.409 U	0.601 U	NA	0.566 U	0.998 U	0.990 U
Acenaphthylene	0.415 U	0.409 U	0.601 U	NA	0.566 U	0.998 U	0.990 U
Anthracene	0.415 U	0.0456 J	0.601 U	NA	0.0583 J	0.998 U	0.990 U
Benzo(a)anthracene	0.415 U	0.0475 J	0.601 U	NA	0.144 J	0.998 U	0.990 U
Benzo(a)pyrene	0.415 U	0.409 U	0.601 U	NA	0.161 J	0.998 U	0.990 U
Benzo(b)fluoranthene	0.415 U	0.409 U	0.601 U	NA	0.223 J	0.151 J	0.153 J
Benzo(g,h,i)perylene	0.415 U	0.409 U	0.601 UJ	NA	0.0618 J	0.149 J	0.990 U
Benzo(k)fluoranthene	0.415 U	0.409 U	0.601 U	NA	0.0877 J	0.998 U	0.990 U
Chrysene	0.415 U	0.0505 J	0.601 U	NA	0.146 J	0.998 U	0.990 U
Dibenzo(a,h)anthracene	0.415 U	0.409 U	0.601 UJ	NA	0.566 U	0.998 U	0.990 U
Fluoranthene	0.107 J	0.146 J	0.601 U	NA	0.311 J	0.147 J	0.149 J
Fluorene	0.415 U	0.409 U	0.601 U	NA	0.566 U	0.998 U	0.990 U
Indeno(1,2,3-cd)pyrene	0.415 U	0.409 U	0.601 UJ	NA	0.566 U	0.998 U	0.990 U
Naphthalene	0.415 U	0.409 U	0.601 U	NA	0.566 U	0.998 U	0.990 U
Phenanthrene	0.120 J	0.172 J	0.601 U	NA	0.293 J	0.998 U	0.990 U
Pyrene	0.0894 J	0.119 J	0.245 J	NA	0.482 J	0.209 J	0.194 J
Total PAHs	0.316 J	0.581 J	0.245 J	NA	1.97 J	0.656 J	0.496 J
Ammonia Nitrogen (mg/Kg)							
Ammonia Nitrogen	27.4	13.1	96.7	NA	213	390	384
Bulk Density (g/cm3)							
Bulk Density	1.3	1.5	0.75	NA	0.79	0.41	0.37
Total Kjeldahl Nitrogen (mg/Kg)							
Total Kjeldahl Nitrogen	891 X	822 X	1,480	NA	1,680 X	4,320	4,140
Total Organic Carbon (mg/Kg)							
TOC	7,800	8,600	30,000	NA	33,000	85,000	73,000
Total Phosphorus (mg/Kg)							
Total Phosphorous (PO4)	532	78.4	690	NA	828	1,170	1,270
Percent Solids (%)							
Percent Solids	79.1	79.1	53.1	NA	56.8	33.0	33.0
Soil Classification (% of Total Sample)							
Gravel	17.7	13.0	0.8	NA	2.1	0.0	0.0
Sand	68.3	74.6	63.9	NA	47.8	17.2	16.9
Coarse Sand	8.5	11.2	3.0	NA	0.9	0.1	0.0
Medium Sand	15.5	18.6	11.3	NA	3.9	1.7	1.3
Fine Sand	44.3	44.8	49.6	NA	43.0	15.4	15.6
Silt	8.4	6.9	19.4	NA	31.0	61.9	61.5
Clay	5.6	5.5	15.9	NA	19.1	20.9	21.6
Finer than #200	10.1	8.8	30.2	NA	40.8	59.2	78.6

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Sample ID: / Date Collected:	S1 6/10/2004	S1-DUP 6/10/2004	S2 5/19/2004	S2-DUP 5/19/2004	S3 5/19/2004	S4B 6/24/2004	S4B-DUP 6/24/2004
Grain Size - Sieve (% Finer)							
0.75 inch/19 mm	97.6	100.0	100.0	NA	100.0	100.0	100.0
0.375 inch/9.5 mm	88.1	94.3	100.0	NA	100.0	100.0	100.0
#4/4.75 mm	82.3	87.0	99.2	NA	97.9	100.0	100.0
#10/2 mm	73.8	75.8	96.2	NA	96.9	99.9	100.0
#20/0.85 mm	67.6	68.1	92.3	NA	95.5	99.5	99.8
#40/0.425 mm	58.3	57.2	84.9	NA	93.0	98.2	98.7
#60/0.25 mm	43.9	41.7	73.8	NA	89.7	96.1	96.7
#80/0.18 mm	31.4	29.2	58.5	NA	82.1	94.1	94.6
#100/0.15 mm	25.2	23.3	51.0	NA	76.3	92.7	93.2
#200/0.075 mm	14.0	12.4	35.4	NA	50.0	82.8	83.1
Grain Size - Hydrometer (% Finer/Particle Size um)							
HYD01	8.5 / 34.6	9.0 / 34.1	25.8 / 34.6	NA	33.9 / 33.5	57.7 / 31.4	59.5 / 30.5
HYD02	7.7 / 22.1	8.6 / 21.7	23.3 / 22.1	NA	28.9 / 21.7	46.6 / 20.7	45.1 / 20.5
HYD03	6.8 / 13.0	7.1 / 12.8	20.9 / 12.9	NA	25.1 / 12.7	38.4 / 12.4	37.9 / 12.2
HYD04	6.0 / 9.0	6.7 / 9.1	19.6 / 9.3	NA	21.6 / 8.9	30.4 / 9.0	30.7 / 8.8
HYD05	5.6 / 6.6	5.5 / 6.7	15.9 / 6.4	NA	19.1 / 6.5	20.9 / 6.4	21.6 / 6.7
HYD06	3.9 / 3.2	4.3 / 3.3	12.5 / 3.2	NA	15.3 / 3.3	14.3 / 3.3	13.0 / 3.3
HYD07	2.7 / 1.4	3.2 / 1.4	10.2 / 1.4	NA	11.7 / 1.4	11.4 / 1.4	10.3 / 1.4
PCDD/PCDFs (mg/Kg)							
2,3,7,8-TCDF	0.00000163	NA	0.00000153	0.00000339	0.00000133	0.0000509	0.0000523
TCDFs (total)	0.0000255	NA	0.0000510	0.000108 J	0.0000383	0.000988 QI	0.00101 QI
1,2,3,7,8-PeCDF	0.000000443 J	NA	0.000000430 J	0.000000889 J	0.000000317 J	0.0000133 Q	0.0000125 Q
2,3,4,7,8-PeCDF	0.00000175 J	NA	0.00000321 J	0.00000693	0.00000195 J	0.000100	0.0000937 Q
PeCDFs (total)	0.0000143 Q	NA	0.0000234 J	0.0000503 J	0.0000155	0.000603 Q	0.000591 Q
1,2,3,4,7,8-HxCDF	0.000000869 J	NA	0.00000154 J	0.00000292 J	0.00000112 J	0.0000475	0.0000464
1,2,3,6,7,8-HxCDF	0.000000616 J	NA	0.00000103 J	0.00000200 J	0.000000907 J	0.0000242	0.0000235
1,2,3,7,8,9-HxCDF	0.000000306 JQ	NA	0.000000453 J	0.000000777 J	0.000000291 J	0.0000136	0.0000135
2,3,4,6,7,8-HxCDF	0.000000651 J	NA	0.00000102 J	0.00000191 J	0.000000751 J	0.0000262	0.0000267
HxCDFs (total)	0.0000143 Q	NA	0.0000257	0.0000495 J	0.0000184	0.000633 Q	0.000543 Q
1,2,3,4,6,7,8-HpCDF	0.00000862	NA	0.0000185	0.0000372	0.0000155	0.000478	0.000453
1,2,3,4,7,8,9-HpCDF	0.000000749 J	NA	0.00000140 J	0.00000276 J	0.00000110 J	0.0000380	0.0000362
HpCDFs (total)	0.0000248	NA	0.0000637	0.000141	0.0000467	0.00181	0.00167
OCDF	0.0000149	NA	0.0000557	0.000152	0.0000390	0.00171	0.00164
2,3,7,8-TCDD	0.000000865 U	NA	0.000000968 U	0.000000986 U	0.000000990 U	0.00000617	0.000000994 U
TCDDs (total)	0.00000306	NA	0.00000264	0.00000598	0.00000213	0.0000549 Q	0.0000399 Q
1,2,3,7,8-PeCDD	0.000000341 J	NA	0.000000432 J	0.000000814 J	0.000000356 J	0.0000115	0.0000119
PeCDDs (total)	0.00000556 Q	NA	0.00000962 J	0.0000211 J	0.00000487 J	0.000172 Q	0.000170 Q
1,2,3,4,7,8-HxCDD	0.000000488 J	NA	0.000000631 J	0.00000110 J	0.00000495 U	0.0000169	0.0000160
1,2,3,6,7,8-HxCDD	0.00000172 J	NA	0.00000324 J	0.00000599	0.00000250 J	0.0000869	0.0000834
1,2,3,7,8,9-HxCDD	0.000000898 J	NA	0.00000145 J	0.00000268 J	0.00000120 J	0.0000393	0.0000392
HxCDDs (total)	0.0000234	NA	0.0000368 J	0.0000668 J	0.0000287 J	0.000920 Q	0.000853 Q
1,2,3,4,6,7,8-HpCDD	0.0000278	NA	0.0000795	0.000168	0.0000621	0.00227 E	0.00225 E
HpCDDs (total)	0.0000622	NA	0.000177	0.000377	0.000138	0.00501	0.00495
OCDD	0.000306	NA	0.00101	0.00241	0.000827	0.0280 EQ	0.0278 EQ
Total TEQs (WHO TEFs)	0.00000279	NA	0.00000473	0.00000923	0.00000377	0.000130	0.000120

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TAL Metals (mg/Kg)							
Aluminum	5,330	5,270	8,380	NA	9,360	14,000	14,100
Antimony	0.100 XN	0.110 XN	2.40 J	NA	1.40 J	5.50 NE	6.50 NE
Arsenic	1.90 NE	1.50 NE	2.10 J	NA	2.00 J	3.90	4.00
Barium	58.5 N	62.7 N	81.0	NA	74.9	129	134
Beryllium	0.310	0.290	0.420	NA	0.380	0.650	0.640
Cadmium	0.440 E	0.460 E	12.3	NA	7.00	39.2 NE	36.8 NE
Calcium	1,600	1,590	2,220	NA	4,340	5,530	5,540
Chromium	24.8 N	27.4 N	235	NA	121	518	518
Cobalt	4.90	4.50	5.80	NA	6.20	8.60	8.40
Copper	12.2	15.4	37.8	NA	26.5	78.3	88.3
Iron	10,200	9,900	11,900	NA	13,400	18,600	18,500
Lead	19.1	22.3	219 J	NA	144 J	637	639
Magnesium	1,980	1,870	2,230	NA	3,610	3,410	3,470
Manganese	121 N	123 N	107	NA	159	184	183
Mercury	0.0660	0.0720	1.60	NA	0.790	3.90	4.10
Nickel	8.40	7.90	12.8	NA	12.4	21.5	20.9
Potassium	898	957	835	NA	762	1,280	1,360
Selenium	0.470 X	0.440 X	0.740 J	NA	0.720 J	1.50 N	1.50 XN
Silver	0.0480 X	0.0530 X	0.260	NA	0.210	0.910	0.870
Sodium	116 E	99.5 E	148 J	NA	140 J	279 E	269 E
Thallium	0.220 *	0.0770 X*	0.0970	NA	0.0750	0.320	0.560
Vanadium	14.9 E	15.6 E	33.9 J	NA	26.6 J	73.5 E	71.5 E
Zinc	52.9 E	51.3 E	194 J	NA	147 J	521 NE	510 NE

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Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. (BBL), and were submitted to Severn Trent Laboratories, Inc. (Pittsburgh and Burlington), Paradigm Analytical Laboratories and Northeast Analytical Services, Inc. for analysis.
2. U = Indicates the constituent was not detected. The value preceding the U indicates the laboratory quantitation limit.
3. As specified in the *Treatability Studies Work Plan* (BBL, 2004), data validation was performed on approximately 10% of the analytical data set.
4. 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.
5. Results are presented in dry weight.
6. mg/Kg = milligrams per kilogram.
7. g/cm3 = grams per cubic centimeter.
8. um = micrometer and mm = millimeter.
9. NA - Not analyzed.

10. Laboratory Data Qualifiers:

    Organics (PAHs, PCDD/PCDFs)

    - E - Analyte exceeded calibration range.
    - J - Indicates an estimated value.
    - Q - Indicates the presence of quantitative interferences.
    - I - Polychlorinated Diphenyl Ether (PCDPE) Interference.

    Inorganics (TAL Metals, Total Kjeldahl Nitrogen)

    - E - Matrix interference.
    - J - Indicates an estimated value.
    - N - Indicates sample matrix spike analysis was outside control limits.
    - X - Method blank contamination.
    - * - Serial dilution results not within 10%. Applicable only if analyte concentration is at least 50X the IDL in original sample.

TABLE 2
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

SX2 AND SX4 (COMBINED TO FORM S1) SEDIMENT SAMPLE DATA

Sample ID: / Date Collected:	SX2 5/19/2004	SX2-DUP 5/19/2004	SX4 5/19/2004	SX4-DUP 5/19/2004
PCBs (mg/Kg)				
Aroclor-1016	0.045 U	0.056 U	0.069 U	NA
Aroclor-1221	4.7	5.0	5.5	NA
Aroclor-1232	0.045 U	0.056 U	0.069 U	NA
Aroclor-1242	1.9	1.9	6.9	NA
Aroclor-1248	0.045 U	0.056 U	0.069 U	NA
Aroclor-1254	0.045 U	0.056 U	0.069 U	NA
Aroclor-1260	0.045 U	0.056 U	0.069 U	NA
Total PCBs	6.6	6.9	12.4	NA
PAHs (mg/Kg)				
Acenaphthene	0.436 U	NA	0.0565 J	0.408 U
Acenaphthylene	0.436 U	NA	0.403 U	0.408 U
Anthracene	0.436 U	NA	0.124 J	0.408 U
Benzo(a)anthracene	0.436 U	NA	0.139 J	0.0567 J
Benzo(a)pyrene	0.436 U	NA	0.178 J	0.0614 J
Benzo(b)fluoranthene	0.436 U	NA	0.209 J	0.0723 J
Benzo(g,h,i)perylene	0.436 UJ	NA	0.403 UJ	0.408 UJ
Benzo(k)fluoranthene	0.436 U	NA	0.0774 J	0.408 U
Chrysene	0.436 U	NA	0.119 J	0.0446 J
Dibenzo(a,h)anthracene	0.436 U	NA	0.403 U	0.408 U
Fluoranthene	0.436 U	NA	0.460	0.161 J
Fluorene	0.436 U	NA	0.0815 J	0.408 U
Indeno(1,2,3-cd)pyrene	0.436 U	NA	0.403 U	0.408 U
Naphthalene	0.436 U	NA	0.403 U	0.408 U
Phenanthrene	0.436 U	NA	0.569 J	0.186 J
Pyrene	0.162 J	NA	0.572	0.283 J
Total PAHs	0.162 J	NA	2.59 J	0.865 J
Ammonia Nitrogen (mg/Kg)				
Ammonia Nitrogen	29.0	12.8	13.3	NA
Bulk Density (g/cm3)				
Bulk Density	1.1	NA	1.2	NA
Total Kjeldahl Nitrogen (mg/Kg)				
Total Kjeldahl Nitrogen	726	1,080	1,080	NA
Total Organic Carbon (mg/Kg)				
TOC	9,500	NA	15,000	NA
Total Phosphorus (mg/Kg)				
Total Phosphorous (PO4)	353	NA	304	NA
Percent Solids (%)				
Percent Solids	69.4	53.0	75.3	NA

TABLE 2
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

SX2 AND SX4 (COMBINED TO FORM S1) SEDIMENT SAMPLE DATA

Sample ID: / Date Collected:	SX2 5/19/2004	SX2-DUP 5/19/2004	SX4 5/19/2004	SX4-DUP 5/19/2004
Soil Classification (% of Total Sample)				
Gravel	5.3	4.2	36.7	NA
Sand	76.8	81.4	53.7	NA
Coarse Sand	6.2	8.4	16.7	NA
Medium Sand	15.2	17.0	20.2	NA
Fine Sand	55.4	56.0	16.8	NA
Silt	11.1	7.8	5.5	NA
Clay	6.8	6.5	4.2	NA
Finer than #200	11.1	37.9	3.8	NA
Grain Size - Sieve (% Finer)				
0.75 inch/19 mm	100.0	100.0	100.0	NA
0.375 inch/9.5 mm	98.9	99.7	82.7	NA
#4/4.75 mm	94.7	95.8	63.3	NA
#10/2 mm	88.5	87.4	46.7	NA
#20/0.85 mm	82.4	80.0	36.7	NA
#40/0.425 mm	73.3	70.4	26.5	NA
#60/0.25 mm	57.3	54.4	16.8	NA
#80/0.18 mm	39.1	35.9	12.1	NA
#100/0.15 mm	31.4	28.2	11.1	NA
#200/0.075 mm	17.9	14.4	9.7	NA
Grain Size - Hydrometer (% Finer/Particle Size um)				
HYD01	10.7 / 34.4	10.8 / 34.8	7.2 / 34.4	NA
HYD02	9.7 / 22	9.1 / 22.3	6.5 / 22	NA
HYD03	8.7 / 12.8	8.6 / 13.0	5.9 / 12.8	NA
HYD04	7.8 / 8.9	8.2 / 9.2	5.2 / 9.2	NA
HYD05	6.8 / 6.5	6.5 / 6.4	4.2 / 6.7	NA
HYD06	5.4 / 3.2	5.6 / 3.3	3.3 / 3.3	NA
HYD07	4.5 / 1.4	3.9 / 1.4	2.1 / 1.4	NA
PCDD/PCDFs (mg/Kg)				
2,3,7,8-TCDF	0.000000691 J	NA	0.000000906 U	NA
TCDFs (total)	0.0000156	NA	0.00000179	NA
1,2,3,7,8-PeCDF	0.000000203 J	NA	0.00000453 U	NA
2,3,4,7,8-PeCDF	0.000000882 J	NA	0.000000225 J	NA
PeCDFs (total)	0.00000767	NA	0.000000538 J	NA
1,2,3,4,7,8-HxCDF	0.000000494 J	NA	0.00000453 U	NA
1,2,3,6,7,8-HxCDF	0.000000301 J	NA	0.00000453 U	NA
1,2,3,7,8,9-HxCDF	0.00000488 U	NA	0.00000453 U	NA
2,3,4,6,7,8-HxCDF	0.000000304 J	NA	0.0000000887 J	NA
HxCDFs (total)	0.00000746	NA	0.000000706 J	NA
1,2,3,4,6,7,8-HpCDF	0.00000405 J	NA	0.000000335 J	NA
1,2,3,4,7,8,9-HpCDF	0.000000353 J	NA	0.00000453 U	NA
HpCDFs (total)	0.0000133	NA	0.000000335 J	NA
OCDF	0.0000106	NA	0.00000906 U	NA

TABLE 2
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

SX2 AND SX4 (COMBINED TO FORM S1) SEDIMENT SAMPLE DATA

Sample ID: / Date Collected:	SX2 5/19/2004	SX2-DUP 5/19/2004	SX4 5/19/2004	SX4-DUP 5/19/2004
2,3,7,8-TCDD	0.000000976 U	NA	0.000000906 U	NA
TCDDs (total)	0.000000716 J	NA	0.000000906 U	NA
1,2,3,7,8-PeCDD	0.000000154 J	NA	0.00000453 U	NA
PeCDDs (total)	0.00000363 J	NA	0.00000453 U	NA
1,2,3,4,7,8-HxCDD	0.00000488 U	NA	0.00000453 U	NA
1,2,3,6,7,8-HxCDD	0.000000818 J	NA	0.000000123 J	NA
1,2,3,7,8,9-HxCDD	0.000000420 J	NA	0.00000453 U	NA
HxCDDs (total)	0.0000104	NA	0.000000585 J	NA
1,2,3,4,6,7,8-HpCDD	0.0000142	NA	0.00000141 J	NA
HpCDDs (total)	0.0000341	NA	0.00000287 J	NA
OCDD	0.000174	NA	0.0000112	NA
Total TEQs (WHO TEFs)	0.00000209	NA	0.00000418	NA
TAL Metals (mg/Kg)				
Aluminum	5,090	NA	4,280	4,000
Antimony	0.180 J	NA	0.140 J	0.920 J
Arsenic	1.30 J	NA	4.60 J	51.3 J
Barium	38.5	NA	51.4	63.1
Beryllium	0.330	NA	0.270	0.260
Cadmium	0.430	NA	0.220	0.280
Calcium	1,970	NA	1,090	1,210
Chromium	28.6	NA	9.70	12.6
Cobalt	4.30	NA	4.90	6.20
Copper	144	NA	11.6	20.0
Iron	9,020	NA	15,200	33,400
Lead	19.8 J	NA	13.6 J	24.6 J
Magnesium	1,750	NA	2,170	1,670
Manganese	77.7	NA	192	247
Mercury	0.150	NA	0.110	0.120
Nickel	7.00	NA	10.0	20.5
Potassium	653	NA	816	913
Selenium	0.440 J	NA	0.370 J	1.20 J
Silver	0.0910	NA	0.0550	0.0780
Sodium	117 J	NA	46.2 J	77.4 J
Thallium	0.6900 U	NA	0.0560	0.120
Vanadium	13.0 J	NA	9.20 J	9.40 J
Zinc	54.4 J	NA	51.0 J	66.0 J

TABLE 2
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

SX2 AND SX4 (COMBINED TO FORM S1) SEDIMENT SAMPLE DATA

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. (BBL), and were submitted to Severn Trent Laboratories, Inc. (Pittsburgh and Burlington), Paradigm Analytical Laboratories and Northeast Analytical Services, Inc. for analysis.
2. U = Indicates the constituent was not detected. The value preceding the U indicates the laboratory quantitation limit.
3. As specified in the *Treatability Studies Work Plan* (BBL, 2004), data validation was performed on approximately 10% of the analytical data set.
4. 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.
5. Results are presented in dry weight.
6. mg/Kg = milligrams per kilogram.
7. g/cm3 = grams per cubic centimeter.
8. um = micrometer and mm = millimeter.
9. NA - Not analyzed.

10. Laboratory Data Qualifiers:
    Organics (PAHs, PCDD/PCDFs)
        J - Indicates an estimated value.
    Inorganics (TAL Metals, Total Kjeldahl Nitrogen)
        J - Indicates an estimated value.

TABLE 3
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

ADDITIONAL BASELINE SEDIMENT SAMPLE DATA

Sample ID: / Date Collected:	S4 5/19/2004	S4A 6/10/2004	S4A-DUP 6/10/2004	SX1 5/19/2004	SX1-DUP 5/19/2004	SX3 5/19/2004	SX3-DUP 5/19/2004
PCBs (mg/Kg)							
Aroclor-1016	1.3 U	0.73 U	NA	0.054 U	NA	0.20 U	NA
Aroclor-1221	140	83	NA	5.5	NA	19	NA
Aroclor-1232	1.3 U	0.73 U	NA	0.054 U	NA	0.20 U	NA
Aroclor-1242	22	17	NA	3.4	NA	7.8	NA
Aroclor-1248	1.3 U	0.73 U	NA	0.054 U	NA	0.20 U	NA
Aroclor-1254	1.3 U	0.73 U	NA	0.054 U	NA	0.20 U	NA
Aroclor-1260	1.3 U	0.73 U	NA	0.054 U	NA	0.20 U	NA
Total PCBs	162	100	NA	8.9	NA	26.8	NA
PAHs (mg/Kg)							
Acenaphthene	0.560 U	0.558 U	NA	0.558 U	NA	0.603 U	NA
Acenaphthylene	0.560 U	0.558 U	NA	0.558 U	NA	0.603 U	NA
Anthracene	0.560 U	0.558 U	NA	0.558 U	NA	0.603 U	NA
Benzo(a)anthracene	0.129 J	0.122 J	NA	0.558 U	NA	0.603 U	NA
Benzo(a)pyrene	0.178 J	0.101 J	NA	0.558 U	NA	0.603 U	NA
Benzo(b)fluoranthene	0.204 J	0.145 J	NA	0.558 U	NA	0.603 U	NA
Benzo(g,h,i)perylene	0.560 U	0.0618 J	NA	0.558 UJ	NA	0.603 UJ	NA
Benzo(k)fluoranthene	0.104 J	0.558 U	NA	0.558 U	NA	0.603 U	NA
Chrysene	0.132 J	0.0942 J	NA	0.558 U	NA	0.603 U	NA
Dibenzo(a,h)anthracene	0.560 U	0.558 U	NA	0.558 U	NA	0.603 U	NA
Fluoranthene	0.0997 J	0.208 J	NA	0.558 U	NA	0.603 U	NA
Fluorene	0.560 U	0.558 U	NA	0.558 U	NA	0.603 U	NA
Indeno(1,2,3-cd)pyrene	0.560 U	0.558 U	NA	0.558 U	NA	0.603 U	NA
Naphthalene	0.560 U	0.558 U	NA	0.558 U	NA	0.603 U	NA
Phenanthrene	0.105 J	0.133 J	NA	0.558 U	NA	0.603 U	NA
Pyrene	0.494 J	0.224 J	NA	0.225 J	NA	0.241 J	NA
Total PAHs	1.45 J	1.09 J	NA	0.225 J	NA	0.241 J	NA
Ammonia Nitrogen (mg/Kg)							
Ammonia Nitrogen	75.2	37.5	NA	82.5	NA	111	NA
Bulk Density (g/cm3)							
Bulk Density	0.78	0.82	NA	0.72	NA	0.74	0.73
Total Kjeldahl Nitrogen (mg/Kg)							
Total Kjeldahl Nitrogen	1,830	1,730 X	NA	966	NA	1,340	NA
Total Organic Carbon (mg/Kg)							
TOC	34,000	33,000	NA	19,000	16,000	29,000	NA
Total Phosphorus (mg/Kg)							
Total Phosphorous (PO4)	671	147	NA	732	NA	629	400
Percent Solids (%)							
Percent Solids	56.9	58.5	NA	55.8	NA	54.3	NA
Soil Classification (% of Total Sample)							
Gravel	6.4	0.1	NA	0.6	NA	1.8	NA
Sand	65.6	70.3	NA	55.6	NA	58.5	NA
Coarse Sand	2.6	0.1	NA	1.0	NA	3.3	NA
Medium Sand	8.6	1.4	NA	9.3	NA	14.0	NA
Fine Sand	54.4	68.8	NA	45.3	NA	41.2	NA
Silt	15.9	21.3	NA	25.8	NA	19.6	NA
Clay	12.2	8.2	NA	18.1	NA	20.2	NA
Finer than #200	26.2	23.9	NA	40.0	NA	39.4	NA

TABLE 3
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

ADDITIONAL BASELINE SEDIMENT SAMPLE DATA

Sample ID: / Date Collected:	S4 5/19/2004	S4A 6/10/2004	S4A-DUP 6/10/2004	SX1 5/19/2004	SX1-DUP 5/19/2004	SX3 5/19/2004	SX3-DUP 5/19/2004
Grain Size - Sieve (% Finer)							
0.75 inch/19 mm	100.0	100.0	NA	100.0	NA	100.0	NA
0.375 inch/9.5 mm	95.7	100.0	NA	100.0	NA	100.0	NA
#4/4.75 mm	93.6	99.9	NA	99.4	NA	98.2	NA
#10/2 mm	91.1	99.8	NA	98.4	NA	94.9	NA
#20/0.85 mm	87.3	99.5	NA	96.3	NA	90.8	NA
#40/0.425 mm	82.5	98.4	NA	89.2	NA	80.9	NA
#60/0.25 mm	77.9	96.0	NA	75.6	NA	66.1	NA
#80/0.18 mm	62.9	90.6	NA	64.2	NA	54.9	NA
#100/0.15 mm	52.2	82.2	NA	58.4	NA	50.6	NA
#200/0.075 mm	28.1	29.6	NA	43.8	NA	39.7	NA
Grain Size - Hydrometer (% Finer/Particle Size um)							
HYD01	21.8 / 34.9	15.4 / 34.8	NA	35.0 / 32.8	NA	36.8 / 32.8	NA
HYD02	19.2 / 22.5	13.8 / 22.2	NA	30.5 / 21.2	NA	34.4 / 21	NA
HYD03	17.0 / 13.0	12.3 / 13.0	NA	26.0 / 12.5	NA	28.5 / 12.4	NA
HYD04	15.8 / 9.1	10.6 / 9.3	NA	22.6 / 8.8	NA	24.9 / 8.9	NA
HYD05	12.2 / 6.7	8.2 / 6.5	NA	18.1 / 6.5	NA	20.2 / 6.3	NA
HYD06	10.0 / 3.4	6.6 / 3.3	NA	12.6 / 3.1	NA	16.8 / 3.2	NA
HYD07	8.8 / 1.4	5.9 / 1.4	NA	9.4 / 1.4	NA	11.1 / 1.4	NA
PCDD/PCDFs (mg/Kg)							
2,3,7,8-TCDF	0.00000341	0.0000151	0.0000149	0.000000900 J	NA	0.00000165	NA
TCDFs (total)	0.000107 J	0.000309 Q	0.000296 Q	0.0000204 J	NA	0.0000340	NA
1,2,3,7,8-PeCDF	0.000000968 J	0.00000323 JQ	0.00000314 JQ	0.000000202 J	NA	0.000000428 J	NA
2,3,4,7,8-PeCDF	0.00000761	0.0000273	0.0000274	0.000000669 J	NA	0.00000153 J	NA
PeCDFs (total)	0.0000502 J	0.000134 Q	0.000127 Q	0.00000629	NA	0.0000189	NA
1,2,3,4,7,8-HxCDF	0.00000283 J	0.00000886	0.00000870	0.000000470 J	NA	0.00000130 J	NA
1,2,3,6,7,8-HxCDF	0.00000183 J	0.00000406 J	0.00000361 J	0.000000575 J	NA	0.00000313 J	NA
1,2,3,7,8,9-HxCDF	0.000000843 J	0.00000234 JQ	0.00000222 JQ	0.000000173 J	NA	0.000000365 J	NA
2,3,4,6,7,8-HxCDF	0.00000186 J	0.00000469	0.00000457 J	0.000000344 J	NA	0.00000123 J	NA
HxCDFs (total)	0.0000452 J	0.0000833 Q	0.0000828 Q	0.00000797	NA	0.0000368	NA
1,2,3,4,6,7,8-HpCDF	0.0000298	0.0000533	0.0000494	0.00000722	NA	0.0000511	NA
1,2,3,4,7,8,9-HpCDF	0.00000255 J	0.00000445	0.00000436 J	0.000000389 J	NA	0.00000121 J	NA
HpCDFs (total)	0.000111	0.000163	0.000160	0.0000192	NA	0.000103	NA
OCDF	0.000125	0.000111	0.000105	0.0000138	NA	0.0000469	NA
2,3,7,8-TCDD	0.000000490 J	0.000000866 U	0.000000929 U	0.000000972 U	NA	0.000000931 U	NA
TCDDs (total)	0.00000568 J	0.00000466 Q	0.00000393 Q	0.000000972 U	NA	0.000000199 J	NA
1,2,3,7,8-PeCDD	0.000000808 J	0.00000433 U	0.00000464 U	0.00000486 U	NA	0.000000359 J	NA
PeCDDs (total)	0.0000197 J	0.0000174 Q	0.0000167 Q	0.00000199 J	NA	0.00000693	NA
1,2,3,4,7,8-HxCDD	0.00000490 U	0.00000298 J	0.00000292 J	0.000000288 J	NA	0.000000613 J	NA
1,2,3,6,7,8-HxCDD	0.00000109 J	0.0000133	0.0000133	0.000000921 J	NA	0.00000286 J	NA
1,2,3,7,8,9-HxCDD	0.000000559 J	0.00000565	0.00000565	0.000000496 J	NA	0.00000144 J	NA
HxCDDs (total)	0.0000626 J	0.000112 Q	0.000109	0.0000132	NA	0.0000381 J	NA
1,2,3,4,6,7,8-HpCDD	0.000127	0.000274	0.000257	0.0000241	NA	0.0000637	NA
HpCDDs (total)	0.000295	0.000550	0.000530	0.0000569	NA	0.000149	NA
OCDD	0.00164	0.00308	0.00292	0.000357	NA	0.000812	NA
Total TEQs (WHO TEFs)	0.00000841	0.0000257	0.0000256	0.00000403	NA	0.00000412	NA

TABLE 3
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

ADDITIONAL BASELINE SEDIMENT SAMPLE DATA

Sample ID: / Date Collected:	S4 5/19/2004	S4A 6/10/2004	S4A-DUP 6/10/2004	SX1 5/19/2004	SX1-DUP 5/19/2004	SX3 5/19/2004	SX3-DUP 5/19/2004
TAL Metals (mg/Kg)							
Aluminum	7,760	7,240	NA	10,100	NA	11,100	NA
Antimony	1.40 J	0.970 N	NA	0.560 J	NA	0.940 J	NA
Arsenic	1.80 J	1.30 NE	NA	2.30 J	NA	2.70 J	NA
Barium	64.6	67.7 N	NA	55.9	NA	69.2	NA
Beryllium	0.360	0.380	NA	0.450	NA	0.470	NA
Cadmium	6.30	16.3 E	NA	2.50	NA	4.00	NA
Calcium	2,560	2,750	NA	3,030	NA	3,690	NA
Chromium	195	130 N	NA	53.7	NA	124	NA
Cobalt	5.90	6.60	NA	8.80	NA	8.30	NA
Copper	38.0	28.3	NA	18.4	NA	29.8	NA
Iron	10,500	10,500	NA	18,400	NA	19,200	NA
Lead	192 J	151	NA	53.8 J	NA	105 J	NA
Magnesium	2,100	2,090	NA	4,080	NA	4,720	NA
Manganese	105	206 N	NA	248	NA	273	NA
Mercury	0.900	1.30	NA	0.780	NA	0.600	NA
Nickel	12.4	11.2	NA	17.2	NA	17.8	NA
Potassium	788	828	NA	992	NA	944	NA
Selenium	0.660 J	0.790 X	NA	0.660 J	NA	0.650 J	NA
Silver	0.250	0.540	NA	0.180	NA	0.240	NA
Sodium	167 J	169 E	NA	102 J	NA	106 J	NA
Thallium	0.0740	0.140 X*	NA	0.0650	NA	0.0910	NA
Vanadium	30.7 J	22.4 E	NA	18.0 J	NA	24.5 J	NA
Zinc	173 J	130 E	NA	119 J	NA	178 J	NA

TABLE 3
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

ADDITIONAL BASELINE SEDIMENT SAMPLE DATA

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. (BBL), and were submitted to Severn Trent Laboratories, Inc. (Pittsburgh and Burlington), Paradigm Analytical Laboratories and Northeast Analytical Services, Inc. for analysis.
2. U = Indicates the constituent was not detected. The value preceding the U indicates the laboratory quantitation limit.
3. As specified in the *Treatability Studies Work Plan* (BBL, 2004), data validation was performed on approximately 10% of the analytical data set.
4. 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
5. Health Perspectives 106(2), December 1998.
6. Results are presented in dry weight.
7. mg/Kg = milligrams per kilogram.
8. g/cm3 = grams per cubic centimeter, um = micrometer and mm = millimeter.
9. NA - Not analyzed.

10. Laboratory Data Qualifiers:

Organics (PAHs, PCDD/PCDFs)

- J - Indicates an estimated value.
- Q - Indicates the presence of quantitative interferences.

Inorganics (TAL Metals, Total Kjeldahl Nitrogen)

- E - Matrix interference.
- J - Indicates an estimated value.
- N - Indicates sample matrix spike analysis was outside control limits.
- X - Method blank contamination.
- * - Serial dilution results not within 10%. Applicable only if analyte concentration is at least 50X the IDL in original sample.

TABLE 4
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

BASELINE ADDITIONAL SEDIMENT SAMPLE DATA

Sample ID: / Date Collected:	S2-2 10/29/2004	S2-2-DUP 10/29/2004	S3-2 10/28/2004	S3-3 11/30/2004	S3-4 12/13/2004	S4B-2 10/26/2004
PCBs (mg/Kg)						
Aroclor-1016	0.57 U	0.55 U	0.086 U	1.0 U	0.73 U	2.9 U
Aroclor-1221	62	63	11	130	82	320
Aroclor-1232	0.57 U	0.55 U	0.086 U	1.0 U	0.73 U	2.9 U
Aroclor-1242	11	11	2.3	26	7.4	31
Aroclor-1248	0.57 U	0.55 U	0.086 U	1.0 U	0.73 U	2.9 U
Aroclor-1254	0.57 U	0.55 U	0.086 U	1.0 U	0.73 U	2.9 U
Aroclor-1260	0.57 U	0.55 U	0.086 U	1.0 U	0.73 U	2.9 U
Total PCBs	73	74	13	156	89	351
PAHs (mg/Kg)						
Acenaphthene	0.567 U	0.571 U	0.537 U	4.15	0.879	0.874 U
Acenaphthylene	0.567 U	0.571 U	0.537 U	0.595 U	0.762	0.874 U
Anthracene	0.567 U	0.571 U	0.537 U	0.595 U	0.556 U	0.874 U
Benzo(a)anthracene	0.567 U	0.571 U	0.537 U	0.595 U	0.556 U	0.874 U
Benzo(a)pyrene	0.567 U	0.571 U	0.537 U	0.595 U	0.556 U	0.874 U
Benzo(b)fluoranthene	0.567 U	0.571 U	0.537 U	0.595 U	0.556 U	0.874 U
Benzo(g,h,i)perylene	0.567 U	0.571 U	0.537 U	0.595 U	0.556 U	0.874 U
Benzo(k)fluoranthene	0.567 U	0.571 U	0.537 U	0.595 U	0.556 U	0.874 U
Chrysene	0.567 U	0.571 U	0.537 U	0.595 U	0.556 U	0.874 U
Dibenzo(a,h)anthracene	0.567 U	0.571 U	0.537 U	0.595 U	0.556 U	0.874 U
Fluoranthene	0.567 U	0.571 U	0.537 U	0.595 U	0.126 J	0.874 U
Fluorene	0.567 U	0.571 U	0.537 U	0.595 U	0.556 U	0.874 U
Indeno(1,2,3-cd)pyrene	0.567 U	0.571 U	0.537 U	0.595 U	0.556 U	0.874 U
Naphthalene	0.567 U	0.571 U	0.537 U	0.595 U	0.556 U	0.874 U
Phenanthrene	0.567 U	0.571 U	0.537 U	0.595 U	0.556 U	0.874 U
Pyrene	0.567 U	0.571 U	0.537 U	0.595 U	0.556 U	0.874 U
Total PAHs	0.567 U	0.571 U	0.537 U	4.15	1.77 J	0.874 U
Ammonia Nitrogen (mg/Kg)						
Ammonia Nitrogen	37.7	42.1	56.5	116	45.4	121
Bulk Density (g/cm3)						
Bulk Density	0.74	0.86	0.87	0.78	0.88	0.42
Total Kjeldahl Nitrogen (mg/Kg)						
Total Kjeldahl Nitrogen	1,110	1,130	1,170	1,270 X	1,390	2,580
Total Organic Carbon (mg/Kg)						
TOC	56,000	17,000	17,000	19,000	27,000	53,000
Total Phosphorus (mg/Kg)						
Total Phosphorous (PO4)	648	627	887	622	964	26.3 U
Percent Solids (%)						
Percent Solids	58.1	58.3	61.6	55.0	59.6	37.4

TABLE 4
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

BASELINE ADDITIONAL SEDIMENT SAMPLE DATA

Sample ID: / Date Collected:	S2-2 10/29/2004	S2-2-DUP 10/29/2004	S3-2 10/28/2004	S3-3 11/30/2004	S3-4 12/13/2004	S4B-2 10/26/2004
Soil Classification (% of Total Sample)						
Gravel	0.0	0.0	1.0	0.6	3.6	0.0
Sand	79.6	84.3	64.7	74.0	52.8	26.5
Coarse Sand	0.3	0.3	1.1	0.3	0.8	0.4
Medium Sand	5.6	5.9	5.3	15.8	4.4	4.8
Fine Sand	73.7	78.1	58.3	57.9	47.6	21.3
Silt	12.9	10.1	26.9	18.3	32.1	51.7
Clay	7.6	5.6	7.5	7.2	11.5	21.8
Finer than #200	16.8	14.3	30.3	20.4	36.4	69.1
Grain Size - Sieve (% Finer)						
0.375 inch/9.5 mm	100.0	100.0	100.0	100.0	97.6	100.0
#4/4.75 mm	100.0	100.0	99.0	99.4	96.4	100.0
#10/2 mm	99.7	99.7	98.0	99.1	95.6	99.6
#20/0.85 mm	98.2	98.2	95.9	97.1	94.0	98.0
#40/0.425 mm	94.1	93.8	92.7	83.3	91.2	94.8
#60/0.25 mm	85.6	84.8	87.5	56.0	86.6	91.3
#80/0.18 mm	62.0	60.0	79.4	41.8	79.0	87.1
#100/0.15 mm	47.7	44.8	72.1	37.7	73.3	84.8
#200/0.075 mm	20.4	15.7	34.4	25.5	43.5	73.5
Grain Size - Hydrometer (% Finer/Particle Size um)						
HYD01	13.4 / 36	10.7 / 35	15.2 / 34	14.8 / 34	24.0 / 32	49.9 / 33
HYD02	12.2 / 23	9.9 / 22	12.6 / 22	12.7 / 22	19.5 / 21	44.3 / 21
HYD03	11.0 / 13.2	7.3 / 13.1	10.0 / 12.9	11.3 / 12.8	16.2 / 12.3	34.9 / 12.5
HYD04	8.7 / 9.4	6.5 / 9.2	8.3 / 9.2	9.2 / 9.2	13.5 / 8.9	29.3 / 9.0
HYD05	7.6 / 6.5	5.6 / 6.8	7.5 / 6.7	7.2 / 6.6	11.5 / 6.4	21.8 / 6.3
HYD06	6.6 / 3.2	4.9 / 3.3	5.7 / 3.3	5.0 / 3.3	8.9 / 3.1	16.2 / 3.3
HYD07	5.4 / 1.4	3.2 / 1.4	5.0 / 1.4	3.6 / 1.4	6.7 / 1.4	10.9 / 1.4
Sulfide Compounds (mg/Kg)						
DI Leachable Sulfate	290	NA	88.2	21.5	NA	790
Reactive Sulfide	517	NA	737	500 U	NA	577
Total Sulfide	133	NA	37.9	147	NA	493
PCDD/PCDFs (mg/Kg)						
2,3,7,8-TCDF	0.00000954	0.0000108	0.00000261	0.0000203	0.00000903	0.0000259
TCDFs (total)	0.000277	0.000291 QI	0.0000597	0.000535 QI	0.000252 Q	0.000843 QI
1,2,3,7,8-PeCDF	0.00000349 J	0.00000339 J	0.000000787 J	0.00000522	0.00000313 J	0.0000103
2,3,4,7,8-PeCDF	0.0000224	0.0000223	0.00000430 J	0.0000348	0.0000258	0.0000955
PeCDFs (total)	0.000165	0.000157 QI	0.0000312	0.000253	0.000131	0.000546 QI
1,2,3,4,7,8-HxCDF	0.0000105	0.0000123	0.00000199 J	0.0000168	0.0000106	0.0000381
1,2,3,6,7,8-HxCDF	0.00000853	0.0000101	0.00000160 J	0.0000112	0.00000539	0.0000175
1,2,3,7,8,9-HxCDF	0.00000274 J	0.00000314 J	0.00000488 U	0.00000465 J	0.00000287 J	0.00000865
2,3,4,6,7,8-HxCDF	0.00000749	0.00000893	0.00000135 J	0.0000119	0.00000583	0.0000189
HxCDFs (total)	0.000208	0.000248 Q	0.0000335	0.000303	0.000126	0.000357 Q
1,2,3,4,6,7,8-HpCDF	0.000186	0.000255	0.0000262	0.000221	0.0000852	0.000305
1,2,3,4,7,8,9-HpCDF	0.0000104	0.0000128	0.00000199 J	0.0000189	0.00000748	0.0000254

TABLE 4
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

BASELINE ADDITIONAL SEDIMENT SAMPLE DATA

Sample ID: / Date Collected:	S2-2 10/29/2004	S2-2-DUP 10/29/2004	S3-2 10/28/2004	S3-3 11/30/2004	S3-4 12/13/2004	S4B-2 10/26/2004
HpCDFs (total)	0.000551	0.000855	0.0000825	0.000866	0.000280	0.000990
OCDF	0.000528	0.00109	0.0000811	0.000886	0.000258	0.000951
2,3,7,8-TCDD	0.00000179	0.000000975 U	0.000000338 J	0.00000272	0.000000799 J	0.000000990 U
TCDDs (total)	0.0000135	0.0000104 Q	0.00000231	0.0000474	0.0000105	0.0000127 Q
1,2,3,7,8-PeCDD	0.00000567	0.00000487 U	0.00000488 U	0.000000157 U	0.00000497 U	0.00000575
PeCDDs (total)	0.0000738	0.0000519 Q	0.0000141	0.000101	0.0000390	0.000135 Q
1,2,3,4,7,8-HxCDD	0.00000391 J	0.00000417 J	0.000000777 J	0.00000715	0.00000241 J	0.00000869
1,2,3,6,7,8-HxCDD	0.0000208	0.0000229	0.00000447 J	0.0000386	0.0000165	0.0000453
1,2,3,7,8,9-HxCDD	0.00000993	0.0000104	0.00000226 J	0.0000200	0.00000791	0.0000215
HxCDDs (total)	0.000236	0.000268 Q	0.0000541	0.000480	0.000188	0.000524 Q
1,2,3,4,6,7,8-HpCDD	0.000565	0.000725	0.000114	0.00115	0.000402	0.00129
HpCDDs (total)	0.00122	0.00154	0.000244	0.00253	0.000888	0.00278
OCDD	0.00685 E	0.00929 E	0.00144	0.0146 E	0.00496 E	0.0154 E
Total TEQs (WHO TEFs)	0.0000345	0.0000335	0.00000829	0.0000490	0.0000279	0.0000908
TAL Metals (mg/Kg)						
Aluminum	4,760	5,840	6,240	8,150	6,860	11,000
Antimony	0.670 E	1.50	0.270 B	2.60	0.870	2.60
Arsenic	1.30	1.70	0.980	2.20	1.50	4.30
Barium	63.8	68.8	44.7	66.6	60.5	120
Beryllium	0.260	0.280	0.350	0.380	0.290	0.660
Cadmium	5.20	5.30	1.50	15.4	6.10	18.9
Calcium	1,700	2,200	2,950	2,220	3,230	5,550
Chromium	157	176	38.4	287 X	97.4 X	303
Cobalt	4.40	5.00	4.10	5.80	4.20	8.10
Copper	26.0	26.6	10.1	38.2	21.0	58.9
Iron	7,580	9,260	8,670	9,760	9,770	17,800
Lead	146 X	173 X	36.6 X	280	105	355 X
Magnesium	1,340 X	1,630 X	1,800 X	2,450	1,950	3,450 X
Manganese	53.9	64.3	62.5	86.4	82.4	189
Mercury	0.940	1.00	0.210	1.50	0.700	2.20
Nickel	9.50	10.3	6.40	11.5	8.60	18.7
Potassium	437	621	507	687	714	1,300
Selenium	0.760 B	0.920	0.860	0.910 B	0.650 B	1.70
Silver	0.180	0.190	0.0510 B	0.460 X	0.200	0.540
Sodium	130	170	162	177 X	164	234
Thallium	0.440 XE	0.120 XB	0.0980 XB	0.530	0.420	0.200 XB
Vanadium	16.8	20.4	16.2	40.2 X	26.3	40.2
Zinc	148 E	146	66.0	259 X	113	313

TABLE 4
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

SUPPLEMENTAL BASELINE SEDIMENT SAMPLE DATA

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. (BBL), and were submitted to Severn Trent Laboratories, Inc. (Pittsburgh and Burlington), Paradigm Analytical Laboratories and Northeast Analytical Services, Inc. for analysis.
2. U = Indicates the constituent was not detected. The value preceding the U indicates the laboratory quantitation limit.
3. As specified in the T*reatability Studies Work Plan* (BBL, 2004), data validation was performed on approximately 10% of the analytical data set.
4. 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.
5. Results are presented in dry weight.
6. mg/Kg = milligrams per kilogram.
7. g/cm3 = grams per cubic centimeter.
8. um = micrometer and mm = millimeter.
9. NA - Not analyzed.

10. Laboratory Data Qualifiers:

    Organics (PAHs, PCDD/PCDFs)

    - E - Analyte exceeded calibration range.
    - J - Indicates an estimated value less than the practical quantitation limit (PQL).
    - I - Indicates the presence of a qualitative interference that could cause a false positive or an overestimation of the affected compound.
    - Q - Indicates the presence of quantitative interferences.

    Inorganics (TAL Metals, Total Kjeldahl Nitrogen)

    - B - Indicates an estimated value between the lower calibration limit and the target detection limit.
    - E - Matrix interference.
    - X - Method blank contamination.

TABLE 5
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

PRE-HOMOGENIZED SEDIMENT GRAB SAMPLE DATA

Sample ID: / Date Collected:	RS1-S1 5/5/2004	RS3-S1 5/5/2004
PCBs (mg/Kg)		
Aroclor-1016	0.013 U	0.032 U
Aroclor-1221	2.0	5.2
Aroclor-1232	0.013 U	0.032 U
Aroclor-1242	1.2	3.3
Aroclor-1248	0.013 U	0.032 U
Aroclor-1254	0.20	0.032 U
Aroclor-1260	0.013 U	0.032 U
Total PCBs	3.4	8.5
Bulk Density (g/cm3)		
Bulk Density	1.1	0.76
Soil Classification (% of Total Sample)		
Gravel	7.1	0.2
Sand	81.0	53.1
Coarse Sand	7.6	0.0
Medium Sand	15.9	7.5
Fine Sand	57.5	45.6
Finer than #200	11.9	46.7
Grain Size - Sieve (% Finer)		
0.375 inch/9.5 mm	97.6	100.0
#4/4.75 mm	92.9	99.8
#10/2 mm	85.3	99.8
#20/0.85 mm	79.5	98.1
#40/0.425 mm	69.4	92.3
#60/0.25 mm	50.5	81.6
#80/0.18 mm	34.2	71.6
#100/0.15 mm	25.5	64.2
#200/0.075 mm	11.9	46.7
Percent Solids (%)		
Percent Solids	68.0	53.4

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. (BBL), and were submitted to Severn Trent Laboratories, Inc. Burlington and Northeast Analytical Services, Inc. for analysis.
2. U = Indicates the constituent was not detected. The value preceding the U indicates the laboratory quantitation limit.
3. As specified in the *Treatability Studies Work Plan* (BBL, 2004), data validation was performed on approximately 10% of the analytical data set.
4. Results are presented in dry weight.
5. mg/Kg = milligrams per kilogram.
6. g/cm3 = grams per cubic centimeter.
7. mm = millimeter.

TABLE 6
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

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INDIVIDUAL BUCKETS SAMPLE DATA

Sample ID: / Date Collected:	H1S4-01 8/31/2004	H1S4-02 8/31/2004	H1S4B-08 8/31/2004	S1-01 7/12/2004	S1-02 7/12/2004	S1-03 7/12/2004	S1-04 7/13/2004	S1-04A 7/13/2004	S1-04B 7/13/2004	S1-05 7/14/2004	S1-05 7/15/2004
Congener PCBs (mg/Kg)											
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.51
PCBs (mg/Kg)											
Aroclor-1016	NA	NA	NA	0.13 U	0.088 U	0.059 U	0.052 U	NA	NA	0.045 U	NA
Aroclor-1221	NA	NA	NA	6.9	5.4	6.2	5.5	NA	NA	5.5	NA
Aroclor-1232	NA	NA	NA	0.13 U	0.088 U	0.059 U	0.052 U	NA	NA	0.045 U	NA
Aroclor-1242	NA	NA	NA	9.2	7.8	4.2	4.5	NA	NA	4.6	NA
Aroclor-1248	NA	NA	NA	0.13 U	0.088 U	0.059 U	0.052 U	NA	NA	0.045 U	NA
Aroclor-1254	NA	NA	NA	2.1	0.088 U	0.059 U	0.052 U	NA	NA	0.045 U	NA
Aroclor-1260	NA	NA	NA	0.13 U	0.088 U	0.059 U	0.052 U	NA	NA	0.045 U	NA
Total PCBs	NA	NA	NA	18	13	10	10	NA	NA	10	NA
Soil Classification (% of Total Sample)											
Gravel	0.0	0.0	0.0	22.9	25.4	22.3	28.0	34.4	25.4	NA	NA
Sand	19.1	43.6	17.5	65.6	57.0	59.4	57.6	53.2	58.9	NA	NA
Coarse Sand	0.0	0.0	0.0	13.3	11.7	9.7	10.8	9.4	12.3	NA	NA
Medium Sand	2.3	3.0	2.3	18.0	16.1	14.6	15.4	14.6	15.6	NA	NA
Fine Sand	16.8	40.6	15.2	34.3	29.2	35.1	31.4	29.2	31.0	NA	NA
Silt	49.5	38.6	53.3	7.5	11.0	10.8	7.6	5.7	8.3	NA	NA
Clay	31.4	17.8	29.2	4.0	6.6	7.4	6.7	6.6	7.4	NA	NA
Finer than #200	75.4	38.2	78.7	10.8	12.3	12.9	14.3	12.1	12.8	NA	NA
Grain Size - Hydrometer (% Finer/Particle Size um)											
HYD01	54.0 / 32	31.0 / 32	62.5 / 34	8.1 / 35	10.2 / 34	11.2 / 34	10.5 / 34	11.2 / 34	11.6 / 35	NA	NA
HYD02	49.2 / 20	27.9 / 21	51.4 / 22	6.9 / 22	9.7 / 22	10.1 / 22	9.8 / 22	10.0 / 22	10.9 / 22	NA	NA
HYD03	44.4 / 12.0	24.9 / 12.2	43.1 / 12.8	6.3 / 13.0	8.7 / 12.6	9.0 / 12.6	9.2 / 12.7	8.9 / 12.8	9.5 / 12.9	NA	NA
HYD04	37.9 / 8.5	21.8 / 8.9	37.5 / 9.0	5.1 / 9.3	7.7 / 9.0	8.5 / 9.1	8.5 / 9.2	8.3 / 9.2	8.1 / 9.4	NA	NA
HYD05	31.4 / 6.3	17.8 / 6.2	29.2 / 6.6	4.0 / 6.7	6.6 / 6.6	7.4 / 6.5	6.7 / 6.4	6.6 / 6.6	7.4 / 6.4	NA	NA
HYD06	21.8 / 3.2	13.7 / 3.2	18.1 / 3.4	2.8 / 3.2	5.0 / 3.2	5.8 / 3.2	5.4 / 3.2	5.4 / 3.2	5.3 / 3.3	NA	NA
HYD07	16.7 / 1.4	10.7 / 1.3	14.8 / 1.4	1.7 / 1.4	3.5 / 1.3	3.7 / 1.3	3.6 / 1.4	4.0 / 1.4	4.2 / 1.4	NA	NA
Grain Size - Sieve (% Finer)											
0.75 inch/19 mm	100.0	100.0	100.0	100.0	100.0	100.0	100.0	87.8	100.0	NA	NA
0.375 inch/9.5 mm	100.0	100.0	100.0	91.9	90.1	88.4	82.8	78.9	88.1	NA	NA
#4/4.75 mm	100.0	100.0	100.0	77.1	74.6	77.7	72.0	65.6	74.6	NA	NA
#10/2 mm	100.0	100.0	100.0	63.8	62.9	68.0	61.1	56.2	62.3	NA	NA
#20/0.85 mm	99.5	99.4	99.2	55.5	55.5	61.2	53.9	49.4	54.9	NA	NA
#40/0.425 mm	97.7	97.0	97.7	45.8	46.8	53.4	45.8	41.6	46.7	NA	NA
#60/0.25 mm	95.1	93.3	95.7	32.9	35.5	41.5	34.4	30.9	35.4	NA	NA
#80/0.18 mm	92.8	85.1	93.7	22.9	26.9	30.8	25.1	22.3	26.2	NA	NA
#100/0.15 mm	91.3	78.3	92.2	18.9	23.8	26.7	21.4	19.0	22.8	NA	NA
#200/0.075 mm	80.9	56.4	82.5	11.5	17.5	18.2	14.3	12.3	15.7	NA	NA
Percent Solids (%)											
Percent Solids	NA	NA	NA	82.2	72.4	77.2	80.7	NA	NA	74.8	80.1

TABLE 6
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

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INDIVIDUAL BUCKETS SAMPLE DATA

Sample ID: / Date Collected:	S1-06 7/14/2004	S1-07 7/14/2004	S1-08 7/28/2004	S1-09 7/28/2004	S1-10 7/28/2004	S1-11 8/4/2004	S1-12 8/4/2004	S1-13 8/4/2004	S1-14 8/4/2004	S1-15 8/4/2004	S1-16 8/4/2004
Congener PCBs (mg/Kg)											
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs (mg/Kg)											
Aroclor-1016	0.073 U	0.047 U	0.066 U	0.089 U	0.067 U	0.055 U	0.058 U	0.071 U	0.053 U	0.27 U	0.040 U
Aroclor-1221	8.4	4.8	6.6	6.2	6.4	4.5	4.5	6.7	4.3	33	4.1
Aroclor-1232	0.073 U	0.047 U	0.066 U	0.089 U	0.067 U	0.055 U	0.058 U	0.071 U	0.053 U	0.27 U	0.040 U
Aroclor-1242	4.7	4.0	5.9	9.9	2.6	2.3	3.5	4.4	3.5	13	2.8
Aroclor-1248	0.073 U	0.047 U	0.066 U	0.089 U	0.067 U	0.055 U	0.058 U	0.071 U	0.053 U	0.27 U	0.040 U
Aroclor-1254	0.073 U	0.047 U	0.066 U	0.089 U	0.067 U	0.055 U	0.058 U	0.071 U	0.053 U	0.27 U	0.040 U
Aroclor-1260	0.073 U	0.047 U	0.066 U	0.089 U	0.067 U	0.055 U	0.058 U	0.071 U	0.053 U	0.27 U	0.040 U
Total PCBs	13	8.8	13	16	9.0	6.8	8.0	11	7.8	46	6.9
Soil Classification (% of Total Sample)											
Gravel	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sand	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Coarse Sand	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Medium Sand	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fine Sand	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silt	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Clay	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Finer than #200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Grain Size - Hydrometer (% Finer/Particle Size um)											
HYD01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Grain Size - Sieve (% Finer)											
0.75 inch/19 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.375 inch/9.5 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#4/4.75 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#10/2 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#20/0.85 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#40/0.425 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#60/0.25 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#80/0.18 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#100/0.15 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#200/0.075 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids (%)											
Percent Solids	74	71.7	80.8	85.8	80	78.5	76.9	78.5	79.7	80.4	79

TABLE 6
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

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INDIVIDUAL BUCKETS SAMPLE DATA

Sample ID: / Date Collected:	S1-17 8/4/2004	S1-18 8/4/2004	S1-19 8/4/2004	S1-20 8/10/2004	S1-20 9/28/2004	S1-21 8/10/2004	S1-22 8/10/2004	S1-23 8/10/2004	S1-24 8/10/2004	S1-25 8/10/2004	S1-26 8/10/2004
Congener PCBs (mg/Kg)											
Total PCBs	NA	NA	NA	NA	127	NA	NA	NA	NA	NA	NA
PCBs (mg/Kg)											
Aroclor-1016	0.077 U	0.055 U	0.054 U	0.041 U	NA	0.065 U	0.068 U	0.070 U	0.056 U	0.068 U	0.054 U
Aroclor-1221	5.5	4.8	5.4	4.5	NA	5.9	6.3	7.8	5.8	6.8	5.3
Aroclor-1232	0.077 U	0.055 U	0.054 U	0.041 U	NA	0.065 U	0.068 U	0.070 U	0.056 U	0.068 U	0.054 U
Aroclor-1242	6.6	3.4	2.5	4.7	NA	3.2	3.0	6.2	4.7	5.1	2.2
Aroclor-1248	0.077 U	0.055 U	0.054 U	0.041 U	NA	0.065 U	0.068 U	0.070 U	0.056 U	0.068 U	0.054 U
Aroclor-1254	0.077 U	0.055 U	0.054 U	0.041 U	NA	0.065 U	0.068 U	0.070 U	0.056 U	0.068 U	0.054 U
Aroclor-1260	0.077 U	0.055 U	0.054 U	0.041 U	NA	0.065 U	0.068 U	0.070 U	0.056 U	0.068 U	0.054 U
Total PCBs	12	8.2	7.9	9.2	NA	9.1	9.3	14	11	12	7.5
Soil Classification (% of Total Sample)											
Gravel	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sand	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Coarse Sand	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Medium Sand	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fine Sand	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silt	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Clay	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Finer than #200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Grain Size - Hydrometer (% Finer/Particle Size um)											
HYD01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Grain Size - Sieve (% Finer)											
0.75 inch/19 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.375 inch/9.5 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#4/4.75 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#10/2 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#20/0.85 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#40/0.425 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#60/0.25 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#80/0.18 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#100/0.15 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#200/0.075 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids (%)											
Percent Solids	84.6	79.5	81.7	81.2	77.6	83	76.8	77.2	77.6	79.3	81.6

TABLE 6
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

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INDIVIDUAL BUCKETS SAMPLE DATA

Sample ID: / Date Collected:	S1-27 8/10/2004	S1-28 8/24/2004	S2-01 7/12/2004	S2-02 7/13/2004	S2-03 7/13/2004	S2-04 7/13/2004	S2-04A 7/13/2004	S2-04B 7/13/2004	S2-05 7/14/2004	S2-05 7/15/2004	S2-05 8/24/2004
Congener PCBs (mg/Kg)											
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA	NA	132	NA
PCBs (mg/Kg)											
Aroclor-1016	0.026 U	0.086 U	0.79 U	0.88 U	0.73 U	1.0 U	NA	NA	0.75 U	NA	2.1 U
Aroclor-1221	5.0	4.8	98	110	82	130	NA	NA	97	NA	320
Aroclor-1232	0.026 U	0.086 U	0.79 U	0.88 U	0.73 U	1.0 U	NA	NA	0.75 U	NA	2.1 U
Aroclor-1242	2.5	7.6	17	19	14	20	NA	NA	16	NA	56
Aroclor-1248	0.026 U	0.086 U	0.79 U	0.88 U	0.73 U	1.0 U	NA	NA	0.75 U	NA	2.1 U
Aroclor-1254	0.28	0.086 U	0.79 U	0.88 U	0.73 U	1.0 U	NA	NA	0.75 U	NA	2.1 U
Aroclor-1260	0.026 U	0.086 U	0.79 U	0.88 U	0.73 U	1.0 U	NA	NA	0.75 U	NA	2.1 U
Total PCBs	7.8	12	115	129	96	150	NA	NA	113	NA	376
Soil Classification (% of Total Sample)											
Gravel	NA	NA	8.9	4.8	4.2	4.5	2.8	5.0	NA	NA	NA
Sand	NA	NA	68.8	65.7	70.0	66.2	67.9	67.1	NA	NA	NA
Coarse Sand	NA	NA	3.5	4.1	4.3	3.3	4.2	4.1	NA	NA	NA
Medium Sand	NA	NA	12.4	11.8	12.7	11.8	12.9	12.7	NA	NA	NA
Fine Sand	NA	NA	52.9	49.8	53.0	51.1	50.8	50.3	NA	NA	NA
Silt	NA	NA	11.9	16.4	14.4	18.5	17.3	14.2	NA	NA	NA
Clay	NA	NA	10.4	13.1	11.4	10.9	12.0	13.6	NA	NA	NA
Finer than #200	NA	NA	25.1	33.0	27.8	25.7	24.4	19.9	NA	NA	NA
Grain Size - Hydrometer (% Finer/Particle Size um)											
HYD01	NA	NA	21.3 / 35	22.2 / 35	21.9 / 34	20.7 / 35	21.3 / 34	23.4 / 35	NA	NA	NA
HYD02	NA	NA	19.8 / 22	22.2 / 22	19.3 / 22	19.1 / 22	18.8 / 22	20.6 / 22	NA	NA	NA
HYD03	NA	NA	16.7 / 12.9	19.2 / 12.8	18.0 / 12.8	17.3 / 13.0	17.7 / 12.8	19.2 / 12.8	NA	NA	NA
HYD04	NA	NA	15.2 / 9.0	16.2 / 9.0	15.4 / 9.0	14.1 / 9.0	14.2 / 9.0	16.4 / 9.0	NA	NA	NA
HYD05	NA	NA	10.4 / 6.6	13.1 / 6.6	11.4 / 6.6	10.9 / 6.6	12.0 / 6.5	13.6 / 6.6	NA	NA	NA
HYD06	NA	NA	8.9 / 3.3	10.1 / 3.4	8.7 / 3.2	7.5 / 3.2	8.7 / 3.3	10.8 / 3.3	NA	NA	NA
HYD07	NA	NA	5.9 / 1.4	7.2 / 1.4	6.2 / 1.4	6.0 / 1.4	7.0 / 1.4	8.7 / 1.4	NA	NA	NA
Grain Size - Sieve (% Finer)											
0.75 inch/19 mm	NA	NA	100.0	100.0	100.0	100.0	100.0	100.0	NA	NA	NA
0.375 inch/9.5 mm	NA	NA	94.3	98.1	100.0	100.0	100.0	100.0	NA	NA	NA
#4/4.75 mm	NA	NA	91.1	95.2	95.8	95.5	97.2	95.0	NA	NA	NA
#10/2 mm	NA	NA	87.6	91.1	91.5	92.2	93.0	90.9	NA	NA	NA
#20/0.85 mm	NA	NA	83.1	86.7	86.8	87.9	88.0	85.8	NA	NA	NA
#40/0.425 mm	NA	NA	75.2	79.3	78.8	80.4	80.1	78.1	NA	NA	NA
#60/0.25 mm	NA	NA	63.3	67.7	66.7	69.0	68.8	66.9	NA	NA	NA
#80/0.18 mm	NA	NA	47.0	52.6	50.2	53.1	52.9	51.2	NA	NA	NA
#100/0.15 mm	NA	NA	39.4	45.6	42.9	46.0	45.9	44.3	NA	NA	NA
#200/0.075 mm	NA	NA	22.3	29.5	25.8	29.4	29.3	27.8	NA	NA	NA
Percent Solids (%)											
Percent Solids	82.4	79.2	56.2	61.4	60.9	53	NA	NA	59.3	62.5	49.3

TABLE 6
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

INDIVIDUAL BUCKETS SAMPLE DATA

Sample ID: / Date Collected:	S2-06 7/14/2004	S2-07 7/14/2004	S2-08 7/14/2004	S2-09 7/28/2004	S2-10 7/28/2004	S2-11 7/28/2004	S2-12 7/28/2004	S2-13 8/2/2004	S2-14 8/2/2004	S2-15 8/2/2004	S2-16 8/4/2004
Congener PCBs (mg/Kg)											
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs (mg/Kg)											
Aroclor-1016	0.72 U	0.76 U	0.54 U	0.88 U	1.2 U	1.2 U	0.90 U	0.91 U	1.2 U	1.4 U	1.2 U
Aroclor-1221	110	110	90	120	160	150	130	110	130	160	140
Aroclor-1232	0.72 U	0.76 U	0.54 U	0.88 U	1.2 U	1.2 U	0.90 U	0.91 U	1.2 U	1.4 U	1.2 U
Aroclor-1242	18	17	15	20	26	24	21	18	21	24	22
Aroclor-1248	0.72 U	0.76 U	0.54 U	0.88 U	1.2 U	1.2 U	0.90 U	0.91 U	1.2 U	1.4 U	1.2 U
Aroclor-1254	0.72 U	0.76 U	0.54 U	0.88 U	1.2 U	1.2 U	0.90 U	0.91 U	1.2 U	1.4 U	1.2 U
Aroclor-1260	0.72 U	0.76 U	0.54 U	0.88 U	1.2 U	1.2 U	0.90 U	0.91 U	1.2 U	1.4 U	1.2 U
Total PCBs	128	127	105	140	186	174	151	128	151	184	162
Soil Classification (% of Total Sample)											
Gravel	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sand	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Coarse Sand	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Medium Sand	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fine Sand	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silt	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Clay	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Finer than #200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Grain Size - Hydrometer (% Finer/Particle Size um)											
HYD01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Grain Size - Sieve (% Finer)											
0.75 inch/19 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.375 inch/9.5 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#4/4.75 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#10/2 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#20/0.85 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#40/0.425 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#60/0.25 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#80/0.18 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#100/0.15 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#200/0.075 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids (%)											
Percent Solids	61.2	60.3	59.7	60.7	55.1	55	58.6	59	54.1	54.3	54.9

TABLE 6
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

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PREPARED AT THE REQUEST OF COUNSEL

INDIVIDUAL BUCKETS SAMPLE DATA

Sample ID: / Date Collected:	S2-16 9/28/2004	S2-17 8/24/2004	S3-01 7/13/2004	S3-02 7/13/2004	S3-03 7/13/2004	S3-04 7/13/2004	S3-04A 7/13/2004	S3-04B 7/13/2004	S3-05 7/14/2004	S3-05 7/16/2004	S3-06 7/14/2004
Congener PCBs (mg/Kg)											
Total PCBs	9.35	NA	NA	NA	NA	NA	NA	NA	NA	54.4	NA
PCBs (mg/Kg)											
Aroclor-1016	NA	1.1 U	0.37 U	0.75 U	0.56 U	0.53 U	NA	NA	0.57 U	NA	0.73 U
Aroclor-1221	NA	120	35	91	69	58	NA	NA	57	NA	83
Aroclor-1232	NA	1.1 U	0.37 U	0.75 U	0.56 U	0.53 U	NA	NA	0.57 U	NA	0.73 U
Aroclor-1242	NA	20	11	27	20	17	NA	NA	17	NA	24
Aroclor-1248	NA	1.1 U	0.37 U	0.75 U	0.56 U	0.53 U	NA	NA	0.57 U	NA	0.73 U
Aroclor-1254	NA	1.1 U	0.37 U	0.75 U	0.56 U	0.53 U	NA	NA	0.57 U	NA	0.73 U
Aroclor-1260	NA	1.1 U	0.37 U	0.75 U	0.56 U	0.53 U	NA	NA	0.57 U	NA	0.73 U
Total PCBs	NA	140	46	118	89	75	NA	NA	74	NA	107
Soil Classification (% of Total Sample)											
Gravel	NA	NA	NA	0.9	0.0	0.6	0.6	0.7	NA	NA	NA
Sand	NA	NA	NA	50.0	47.5	51.3	50.9	49.8	NA	NA	NA
Coarse Sand	NA	NA	NA	1.1	0.8	1.3	1.1	1.5	NA	NA	NA
Medium Sand	NA	NA	NA	4.0	3.1	4.1	4.7	4.6	NA	NA	NA
Fine Sand	NA	NA	NA	44.9	43.6	45.9	45.1	43.7	NA	NA	NA
Silt	NA	NA	NA	32.9	32.8	33.5	32.4	35.4	NA	NA	NA
Clay	NA	NA	NA	16.3	19.7	14.6	16.0	14.1	NA	NA	NA
Finer than #200	NA	NA	NA	43.9	48.6	39.7	40.7	42.0	NA	NA	NA
Grain Size - Hydrometer (% Finer/Particle Size um)											
HYD01	NA	NA	NA	31.4 / 34	38.2 / 34	27.8 / 35	29.2 / 34	27.6 / 35	NA	NA	NA
HYD02	NA	NA	NA	25.3 / 22	30.7 / 22	24.2 / 22	24.7 / 22	23.1 / 22	NA	NA	NA
HYD03	NA	NA	NA	22.3 / 12.8	27.1 / 12.8	20.3 / 13.0	21.7 / 12.8	20.1 / 13.0	NA	NA	NA
HYD04	NA	NA	NA	19.3 / 9.1	23.4 / 9.1	18.4 / 9.3	17.2 / 9.1	17.1 / 9.0	NA	NA	NA
HYD05	NA	NA	NA	16.3 / 6.4	19.7 / 6.7	14.6 / 6.4	16.0 / 6.6	14.1 / 6.6	NA	NA	NA
HYD06	NA	NA	NA	10.1 / 3.3	14.1 / 3.3	10.7 / 3.3	11.2 / 3.2	11.1 / 3.2	NA	NA	NA
HYD07	NA	NA	NA	8.7 / 1.4	10.6 / 1.4	9.1 / 1.4	9.0 / 1.4	7.5 / 1.4	NA	NA	NA
Grain Size - Sieve (% Finer)											
0.75 inch/19 mm	NA	NA	NA	100.0	100.0	100.0	100.0	100.0	NA	NA	NA
0.375 inch/9.5 mm	NA	NA	NA	100.0	100.0	100.0	100.0	100.0	NA	NA	NA
#4/4.75 mm	NA	NA	NA	99.1	100.0	99.4	99.4	99.3	NA	NA	NA
#10/2 mm	NA	NA	NA	98.0	99.2	98.1	98.3	97.7	NA	NA	NA
#20/0.85 mm	NA	NA	NA	96.4	97.8	96.2	96.4	95.8	NA	NA	NA
#40/0.425 mm	NA	NA	NA	94.0	96.1	94.0	93.6	93.2	NA	NA	NA
#60/0.25 mm	NA	NA	NA	89.8	92.2	89.7	89.6	89.4	NA	NA	NA
#80/0.18 mm	NA	NA	NA	82.6	85.0	82.4	82.6	82.5	NA	NA	NA
#100/0.15 mm	NA	NA	NA	77.7	80.3	77.8	77.6	77.6	NA	NA	NA
#200/0.075 mm	NA	NA	NA	49.1	52.5	48.1	48.4	49.5	NA	NA	NA
Percent Solids (%)											
Percent Solids	60	50.8	59.8	57.5	60	60.8	NA	NA	59	63.1	61.6

TABLE 6
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

INDIVIDUAL BUCKETS SAMPLE DATA

Sample ID: / Date Collected:	S3-07 7/14/2004	S3-08 7/14/2004	S3-09 7/28/2004	S3-10 7/28/2004	S3-11 7/28/2004	S3-12 7/28/2004	S3-13 8/2/2004	S3-14 8/2/2004	S3-15 8/2/2004	S3-16 8/2/2004	S3-17 8/2/2004
Congener PCBs (mg/Kg)											
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs (mg/Kg)											
Aroclor-1016	0.79 U	0.58 U	0.51 U	0.72 U	0.93 U	0.70 U	0.76 U	0.70 U	0.93 U	0.93 U	0.74 U
Aroclor-1221	90	66	58	87	120	82	91	80	97	99	83
Aroclor-1232	0.79 U	0.58 U	0.51 U	0.72 U	0.93 U	0.70 U	0.76 U	0.70 U	0.93 U	0.93 U	0.74 U
Aroclor-1242	27	17	16	25	34	23	25	21	25	27	22
Aroclor-1248	0.79 U	0.58 U	0.51 U	0.72 U	0.93 U	0.70 U	0.76 U	0.70 U	0.93 U	0.93 U	0.74 U
Aroclor-1254	0.79 U	0.58 U	0.51 U	0.72 U	0.93 U	0.70 U	0.76 U	0.70 U	0.93 U	0.93 U	0.74 U
Aroclor-1260	0.79 U	0.58 U	0.51 U	0.72 U	0.93 U	0.70 U	0.76 U	0.70 U	0.93 U	0.93 U	0.74 U
Total PCBs	117	83	74	112	154	105	116	101	122	126	105
Soil Classification (% of Total Sample)											
Gravel	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sand	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Coarse Sand	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Medium Sand	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fine Sand	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silt	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Clay	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Finer than #200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Grain Size - Hydrometer (% Finer/Particle Size um)											
HYD01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Grain Size - Sieve (% Finer)											
0.75 inch/19 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.375 inch/9.5 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#4/4.75 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#10/2 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#20/0.85 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#40/0.425 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#60/0.25 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#80/0.18 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#100/0.15 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#200/0.075 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids (%)											
Percent Solids	56.1	59.7	61.9	58.7	57.5	60.7	56.6	60.4	57.2	58.1	58.8

INDIVIDUAL BUCKETS SAMPLE DATA

Sample ID: / Date Collected:	S3-18 8/4/2004	S3-19 8/4/2004	S3-20 8/4/2004	S3-21 8/4/2004	S3-22 8/4/2004	S3-22 9/29/2004	S3-23 8/24/2004	S4-01 8/24/2004	S4-02 8/24/2004	S4-03 8/24/2004	S4-04 8/24/2004
Congener PCBs (mg/Kg)											
Total PCBs	NA	NA	NA	NA	NA	44.1	NA	NA	NA	NA	NA
PCBs (mg/Kg)											
Aroclor-1016	0.79 U	0.74 U	0.70 U	0.71 U	0.53 U	NA	0.57 U	2.1 U	2.2 U	2.2 U	2.4 U
Aroclor-1221	89	82	85	83	59	NA	62	260	300	280	220
Aroclor-1232	0.79 U	0.74 U	0.70 U	0.71 U	0.53 U	NA	0.57 U	2.1 U	2.2 U	2.2 U	2.4 U
Aroclor-1242	24	21	23	22	16	NA	18	47	51	49	44
Aroclor-1248	0.79 U	0.74 U	0.70 U	0.71 U	0.53 U	NA	0.57 U	2.1 U	2.2 U	2.2 U	2.4 U
Aroclor-1254	0.79 U	0.74 U	0.70 U	0.71 U	0.53 U	NA	0.57 U	2.1 U	2.2 U	2.2 U	2.4 U
Aroclor-1260	0.79 U	0.74 U	0.70 U	0.71 U	0.53 U	NA	0.57 U	2.1 U	2.2 U	2.2 U	2.4 U
Total PCBs	113	103	108	105	75	NA	80	307	351	329	264
Soil Classification (% of Total Sample)											
Gravel	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sand	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Coarse Sand	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Medium Sand	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fine Sand	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silt	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Clay	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Finer than #200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Grain Size - Hydrometer (% Finer/Particle Size um)											
HYD01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Grain Size - Sieve (% Finer)											
0.75 inch/19 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.375 inch/9.5 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#4/4.75 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#10/2 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#20/0.85 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#40/0.425 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#60/0.25 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#80/0.18 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#100/0.15 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#200/0.075 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids (%)											
Percent Solids	56.8	58.6	59.7	59.1	62.4	63.4	58.5	52.8	50.7	51.4	47.8

TABLE 6
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

INDIVIDUAL BUCKETS SAMPLE DATA

Sample ID: / Date Collected:	S4-06 8/24/2004	S4-07 8/24/2004	S4-08 8/24/2004	S4-09 8/30/2004	S4-12 8/31/2004	S4-13 8/31/2004	S4B-01 7/13/2004	S4B-02 7/13/2004	S4B-03 7/13/2004	S4B-04 7/13/2004	S4B-04 7/16/2004
Congener PCBs (mg/Kg)											
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	561
PCBs (mg/Kg)											
Aroclor-1016	2.1 U	2.2 U	2.3 U	2.0 U	2.0 U	2.2 U	2.3 U	3.2 U	3.3 U	3.2 U	NA
Aroclor-1221	280	290	270	240	320	300	290	450	440	400	NA
Aroclor-1232	2.1 U	2.2 U	2.3 U	2.0 U	2.0 U	2.2 U	2.3 U	3.2 U	3.3 U	3.2 U	NA
Aroclor-1242	48	52	44	42	58	52	49	59	61	56	NA
Aroclor-1248	2.1 U	2.2 U	2.3 U	2.0 U	2.0 U	2.2 U	2.3 U	3.2 U	3.3 U	3.2 U	NA
Aroclor-1254	2.1 U	2.2 U	2.3 U	2.0 U	2.0 U	2.2 U	2.3 U	3.2 U	3.3 U	3.2 U	NA
Aroclor-1260	2.1 U	2.2 U	2.3 U	2.0 U	2.0 U	2.2 U	2.3 U	3.2 U	3.3 U	3.2 U	NA
Total PCBs	328	342	314	282	378	352	339	509	501	456	NA
Soil Classification (% of Total Sample)											
Gravel	NA	NA	NA	NA	NA	NA	NA	0.0	0.0	0.0	NA
Sand	NA	NA	NA	NA	NA	NA	NA	14.5	16.6	12.9	NA
Coarse Sand	NA	NA	NA	NA	NA	NA	NA	0.2	0.0	0.0	NA
Medium Sand	NA	NA	NA	NA	NA	NA	NA	0.2	2.3	1.1	NA
Fine Sand	NA	NA	NA	NA	NA	NA	NA	14.1	14.3	11.8	NA
Silt	NA	NA	NA	NA	NA	NA	NA	61.0	51.1	57.4	NA
Clay	NA	NA	NA	NA	NA	NA	NA	24.6	32.3	29.8	NA
Finer than #200	NA	NA	NA	NA	NA	NA	NA	77.3	77.8	77.1	NA
Grain Size - Hydrometer (% Finer/Particle Size um)											
HYD01	NA	NA	NA	NA	NA	NA	NA	61.1 / 34	69.6 / 34	61.1 / 34	NA
HYD02	NA	NA	NA	NA	NA	NA	NA	52.7 / 22	59.4 / 22	54.8 / 22	NA
HYD03	NA	NA	NA	NA	NA	NA	NA	41.4 / 12.8	49.2 / 12.8	45.4 / 12.8	NA
HYD04	NA	NA	NA	NA	NA	NA	NA	35.8 / 9.0	45.8 / 9.1	36.0 / 9.2	NA
HYD05	NA	NA	NA	NA	NA	NA	NA	24.6 / 6.7	32.3 / 6.6	29.8 / 6.7	NA
HYD06	NA	NA	NA	NA	NA	NA	NA	18.7 / 3.4	25.5 / 3.2	20.4 / 3.2	NA
HYD07	NA	NA	NA	NA	NA	NA	NA	13.6 / 1.4	20.4 / 1.4	15.7 / 1.4	NA
Grain Size - Sieve (% Finer)											
0.75 inch/19 mm	NA	NA	NA	NA	NA	NA	NA	100.0	100.0	100.0	NA
0.375 inch/9.5 mm	NA	NA	NA	NA	NA	NA	NA	100.0	100.0	100.0	NA
#4/4.75 mm	NA	NA	NA	NA	NA	NA	NA	100.0	100.0	100.0	NA
#10/2 mm	NA	NA	NA	NA	NA	NA	NA	99.8	100.0	100.0	NA
#20/0.85 mm	NA	NA	NA	NA	NA	NA	NA	99.6	99.0	99.3	NA
#40/0.425 mm	NA	NA	NA	NA	NA	NA	NA	99.6	97.7	98.9	NA
#60/0.25 mm	NA	NA	NA	NA	NA	NA	NA	98.1	95.9	98.7	NA
#80/0.18 mm	NA	NA	NA	NA	NA	NA	NA	96.2	93.6	97.5	NA
#100/0.15 mm	NA	NA	NA	NA	NA	NA	NA	95.3	92.4	96.6	NA
#200/0.075 mm	NA	NA	NA	NA	NA	NA	NA	85.6	83.3	87.1	NA
Percent Solids (%)											
Percent Solids	49.8	50.7	49.5	55.8	53	51.4	33.9	33.2	32.7	32.4	32.7

TABLE 6
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

DRAFT
PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT
PREPARED AT THE REQUEST OF COUNSEL

INDIVIDUAL BUCKETS SAMPLE DATA

Sample ID: / Date Collected:	S4B-04A 7/13/2004	S4B-04B 7/13/2004	S4B-05 7/28/2004	S4B-06 7/28/2004	S4B-07 7/28/2004	S4B-8 8/24/2004	S4B-9 8/10/2004	S4B-10 8/10/2004	S4B-11 8/10/2004	S4B-12 8/10/2004	S4B-13 8/10/2004
Congener PCBs (mg/Kg)											
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs (mg/Kg)											
Aroclor-1016	NA	NA	3.2 U	3.3 U	3.1 U	3.6 U	3.3 U	3.0 U	3.2 U	3.3 U	3.3 U
Aroclor-1221	NA	NA	420	480	450	390	410	440	350	420	470
Aroclor-1232	NA	NA	3.2 U	3.3 U	3.1 U	3.6 U	3.3 U	3.0 U	3.2 U	3.3 U	3.3 U
Aroclor-1242	NA	NA	53	57	55	55	52	54	47	54	63
Aroclor-1248	NA	NA	3.2 U	3.3 U	3.1 U	3.6 U	3.3 U	3.0 U	3.2 U	3.3 U	3.3 U
Aroclor-1254	NA	NA	3.2 U	3.3 U	3.1 U	3.6 U	3.3 U	3.0 U	3.2 U	3.3 U	3.3 U
Aroclor-1260	NA	NA	3.2 U	3.3 U	3.1 U	3.6 U	3.3 U	3.0 U	3.2 U	3.3 U	3.3 U
Total PCBs	NA	NA	473	537	505	445	462	494	397	474	533
Soil Classification (% of Total Sample)											
Gravel	0.0	0.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sand	11.3	12.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Coarse Sand	0.2	0.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Medium Sand	0.2	0.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fine Sand	10.9	11.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silt	58.2	53.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
Clay	30.5	34.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Finer than #200	76.9	78.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
Grain Size - Hydrometer (% Finer/Particle Size um)											
HYD01	64.0 / 35	64.4 / 34	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD02	56.7 / 22	57.8 / 22	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD03	48.7 / 13.0	50.6 / 12.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD04	37.8 / 9.3	44.0 / 9.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD05	30.5 / 6.5	34.1 / 6.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD06	19.5 / 3.3	24.2 / 3.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD07	18.3 / 1.4	16.5 / 1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
Grain Size - Sieve (% Finer)											
0.75 inch/19 mm	100.0	100.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.375 inch/9.5 mm	100.0	100.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
#4/4.75 mm	100.0	100.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
#10/2 mm	99.8	100.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
#20/0.85 mm	99.6	99.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
#40/0.425 mm	99.6	99.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
#60/0.25 mm	99.6	99.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
#80/0.18 mm	98.8	98.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
#100/0.15 mm	98.0	97.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
#200/0.075 mm	88.7	88.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids (%)											
Percent Solids	NA	NA	34	32.9	34.1	30.2	34.5	34.4	33.7	34.4	34.1

TABLE 6
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

INDIVIDUAL BUCKETS SAMPLE DATA

Sample ID: / Date Collected:	S4B-14 8/10/2004	S4B-15 8/10/2004	S4B-16 8/10/2004	S4B-17 8/10/2004	S4B-18 8/10/2004	S4B-19 8/10/2004	S4B-20 8/10/2004	S4B-21 8/10/2004	S4B-21 9/29/2004
Congener PCBs (mg/Kg)									
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA	450
PCBs (mg/Kg)									
Aroclor-1016	3.2 U	3.3 U	3.2 U	3.1 U	3.2 U	3.1 U	3.3 U	3.2 U	NA
Aroclor-1221	500	480	440	450	420	420	430	370	NA
Aroclor-1232	3.2 U	3.3 U	3.2 U	3.1 U	3.2 U	3.1 U	3.3 U	3.2 U	NA
Aroclor-1242	65	61	63	60	56	54	53	48	NA
Aroclor-1248	3.2 U	3.3 U	3.2 U	3.1 U	3.2 U	3.1 U	3.3 U	3.2 U	NA
Aroclor-1254	3.2 U	3.3 U	3.2 U	3.1 U	3.2 U	3.1 U	3.3 U	3.2 U	NA
Aroclor-1260	3.2 U	3.3 U	3.2 U	3.1 U	3.2 U	3.1 U	3.3 U	3.2 U	NA
Total PCBs	565	541	503	510	476	474	483	418	NA
Soil Classification (% of Total Sample)									
Gravel	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sand	NA	NA	NA	NA	NA	NA	NA	NA	NA
Coarse Sand	NA	NA	NA	NA	NA	NA	NA	NA	NA
Medium Sand	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fine Sand	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silt	NA	NA	NA	NA	NA	NA	NA	NA	NA
Clay	NA	NA	NA	NA	NA	NA	NA	NA	NA
Finer than #200	NA	NA	NA	NA	NA	NA	NA	NA	NA
Grain Size - Hydrometer (% Finer/Particle Size um)									
HYD01	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD02	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD03	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD04	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD05	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD06	NA	NA	NA	NA	NA	NA	NA	NA	NA
HYD07	NA	NA	NA	NA	NA	NA	NA	NA	NA
Grain Size - Sieve (% Finer)									
0.75 inch/19 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA
0.375 inch/9.5 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA
#4/4.75 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA
#10/2 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA
#20/0.85 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA
#40/0.425 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA
#60/0.25 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA
#80/0.18 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA
#100/0.15 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA
#200/0.075 mm	NA	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids (%)									
Percent Solids	34.5	33.9	33.8	34.1	34.1	34.8	34.1	33.1	34.3

TABLE 6
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

INDIVIDUAL BUCKETS SAMPLE DATA

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. (BBL), and were submitted to Severn Trent Laboratories, Inc. Burlington and Northeast Analytical Services, Inc. for analysis.
2. U = Indicates the constituent was not detected. The value preceding the U indicates the laboratory quantitation limit.
3. As specified in the *Treatability Studies Work Plan* (BBL, 2004), data validation was performed on approximately 10% of the analytical data set.
4. Results are presented in dry weight.
5. mg/Kg = milligrams per kilogram.
6. um = micrometer and mm = millimeter.
7. NA - Not analyzed.
8. Laboratory Data Qualifiers:
   Organics (PCBs)
   B - Analyte was also detected in the associated method blank.
   J - Indicates an estimated value.

TABLE 7
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

BASELINE WATER SAMPLE DATA

Sample ID: / Date Collected:	W1A 05/19/04	W1B 05/19/04	W2A 08/16/04	W2B 08/16/04
Congener PCBs (mg/L)				
Total PCB	0.0000998	0.0000960	0.0000146 J	0.0000101 J
TOC (mg/L)				
Total Organic Carbon	5.23	4.88	4.06	3.86
DOC (mg/L)				
Dissolved Organic Carbon	10.6	10.9	4.09	3.60
TSS (mg/L)				
Total Suspended Solids	2.00 U	2.00 U	18.8	18.4
Turbidity (NTU)				
Turbidity	1.53	1.37	18.3	NA
PCDD/PCDFs (mg/L)				
2,3,7,8-TCDF	0.00000000933 U	0.00000000994 U	0.0000000100 U	0.00000000992 U
TCDFs (total)	0.00000000933 U	0.00000000994 U	0.00000000268 J	0.00000000992 U
1,2,3,7,8-PeCDF	0.0000000466 U	0.0000000497 U	0.00000000258 J	0.0000000496 U
2,3,4,7,8-PeCDF	0.0000000466 U	0.0000000497 U	0.0000000500 U	0.0000000496 U
PeCDFs (total)	0.0000000466 U	0.0000000497 U	0.00000000258 J	0.0000000496 U
1,2,3,4,7,8-HxCDF	0.0000000466 U	0.0000000497 U	0.0000000500 U	0.0000000496 U
1,2,3,6,7,8-HxCDF	0.0000000466 U	0.0000000497 U	0.0000000500 U	0.0000000496 U
1,2,3,7,8,9-HxCDF	0.0000000466 U	0.0000000497 U	0.0000000500 U	0.0000000496 U
2,3,4,6,7,8-HxCDF	0.0000000466 U	0.0000000497 U	0.0000000500 U	0.0000000496 U
HxCDFs (total)	0.0000000466 U	0.0000000497 U	0.0000000500 U	0.0000000496 U
1,2,3,4,6,7,8-HpCDF	0.0000000466 U	0.0000000497 U	0.00000000540 J	0.0000000496 U
1,2,3,4,7,8,9-HpCDF	0.0000000466 U	0.0000000497 U	0.0000000500 U	0.0000000496 U
HpCDFs (total)	0.0000000466 U	0.0000000497 U	0.00000000540 J	0.0000000496 U
OCDF	0.0000000933 U	0.0000000994 U	0.000000100 U	0.0000000992 U
2,3,7,8-TCDD	0.00000000933 U	0.00000000994 U	0.0000000100 U	0.00000000992 U
TCDDs (total)	0.00000000933 U	0.00000000994 U	0.0000000100 U	0.00000000992 U
1,2,3,7,8-PeCDD	0.0000000466 U	0.0000000497 U	0.0000000500 U	0.0000000496 U
PeCDDs (total)	0.0000000466 U	0.0000000497 U	0.0000000500 U	0.0000000496 U
1,2,3,4,7,8-HxCDD	0.0000000466 U	0.0000000497 U	0.0000000500 U	0.0000000496 U
1,2,3,6,7,8-HxCDD	0.0000000466 U	0.0000000497 U	0.00000000712 J	0.0000000496 U
1,2,3,7,8,9-HxCDD	0.0000000466 U	0.0000000497 U	0.0000000500 U	0.0000000496 U
HxCDDs (total)	0.0000000466 U	0.0000000497 U	0.00000000712 J	0.0000000496 U
1,2,3,4,6,7,8-HpCDD	0.0000000466 U	0.0000000497 U	0.0000000119 J	0.0000000496 U
HpCDDs (total)	0.0000000466 U	0.0000000497 U	0.0000000119 J	0.00000000254 J
OCDD	0.0000000152 J	0.0000000126 J	0.0000000357 J	0.0000000311 J
Total TEQs (WHO TEFs)	0.0000000583	0.0000000621	0.0000000593	0.0000000620
TAL Metals (mg/L)				
Aluminum	0.0857	0.0645	0.517 E	0.721
Antimony	0.000400	0.00180	0.000310 B	0.000130 B
Arsenic	0.000350	0.001000 U	0.000540 B	0.000370 B
Barium	0.0102	0.00940	0.0164	0.0163
Beryllium	0.0010000 U	0.0010000 U	0.00100 U	0.00100 U
Cadmium	0.0010000 U	0.0010000 U	0.00100 U	0.00100 U
Calcium	10.5	9.65	10.8	10.0
Chromium	0.00400	0.00250	0.00300	0.00280
Cobalt	0.0000810	0.0000570	0.000440 XB	0.000380 XB
Copper	0.00280	0.00370	0.00170 B	0.00180 B
Iron	0.213 J	0.193 J	0.808	1.06
Lead	0.000410	0.000610	0.00170	0.00310
Magnesium	1.64	1.44	1.80	1.77
Manganese	0.0260	0.0237	0.0536	0.0821
Mercury	0.000200 U	0.000200 U	0.000200 U	0.000200 U
Nickel	0.00120 J	0.0199 J	0.000900 B	0.000970 B
Potassium	0.657	0.590	0.584	0.559
Selenium	0.005000 U	0.005000 U	0.00500 U	0.00500 U
Silver	0.0010000 U	0.0010000 U	0.000300 XB	0.00100 U
Sodium	8.54	7.67	8.25	7.75
Thallium	0.0000550	0.0010000 U	0.000230 B	0.000220 B
Vanadium	0.002000 U	0.000880	0.00100 U	0.00100 U
Zinc	0.0201 J	0.0125 J	0.0102	0.0147

TABLE 7
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

BASELINE WATER SAMPLE DATA

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., (BBL) and were submitted to Severn Trent Laboratories, Inc., Paradigm Analytical Laboratories, Waste Stream Technology, Inc. and Northeast Analytical Services, Inc. for analysis.
2. U = Indicates the constituent was not detected. The value preceding the U indicates the laboratory quantitation limit.
3. As specified in the *Treatability Studies Work Plan* (BBL, 2004), data validation was performed on approximately 10% of the analytical data set.
4. mg/L = milligrams per liter.
5. NTU = nephelometric turbidity unit.
6. NA - Not analyzed.
7. Laboratory Data Qualifiers:
   Organics (Congener PCBs, PCDD/PCDFs)
   - B - Analyte was also detected in the associated method blank.
   - J - Indicates an estimated value.

   Inorganics (TAL Metals)
   - B - Indicates an estimated value between the lower calibration limit and the target detection limit.
   - E - Matrix interference.
   - J - Indicates an estimated value.
   - X - Method blank contamination.

8. Field parameters measured by BBL are as follows:
   5/19/04 - pH = 6.90 standard units (SU).
   Dissolved oxygen (DO) = 10.27 mg/L.
   8/16/04 - pH = 6.78 SU.
   DO = 9.76 mg/L.

TABLE 8
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

ADDITIONAL BASELINE WATER SAMPLE DATA

Sample ID:	W3
Date Collected:	11/1/2004
Congener PCBs (mg/L)	
Total PCB	0.0000776
TOC (mg/L)	
Total Organic Carbon	10
DOC (mg/L)	
Dissolved Organic Carbon	9.8
TSS (mg/L)	
Total Suspended Solids	0.909 U
Turbidity (NTU)	
Turbidity	1.28
PCDD/PCDFs (mg/L)	
2,3,7,8-TCDF	0.00000000994 U
TCDFs (total)	0.00000000994 U
1,2,3,7,8-PeCDF	0.00000000423 J
2,3,4,7,8-PeCDF	0.00000000350 J
PeCDFs (total)	0.00000000773 J
1,2,3,4,7,8-HxCDF	0.0000000497 U
1,2,3,6,7,8-HxCDF	0.0000000497 U
1,2,3,7,8,9-HxCDF	0.0000000497 U
2,3,4,6,7,8-HxCDF	0.0000000497 U
HxCDFs (total)	0.0000000497 U
1,2,3,4,6,7,8-HpCDF	0.0000000497 U
1,2,3,4,7,8,9-HpCDF	0.0000000497 U
HpCDFs (total)	0.0000000497 U
OCDF	0.0000000994 U
2,3,7,8-TCDD	0.00000000994 U
TCDDs (total)	0.00000000994 U
1,2,3,7,8-PeCDD	0.0000000497 U
PeCDDs (total)	0.0000000497 U
1,2,3,4,7,8-HxCDD	0.0000000497 U
1,2,3,6,7,8-HxCDD	0.0000000497 U
1,2,3,7,8,9-HxCDD	0.0000000497 U
HxCDDs (total)	0.0000000497 U
1,2,3,4,6,7,8-HpCDD	0.0000000497 U
HpCDDs (total)	0.0000000497 U
OCDD	0.0000000994 U
Total TEQs (WHO TEFs)	0.0000000504
TAL Metals (mg/L)	
Aluminum	0.0373
Antimony	0.00200 U
Arsenic	0.000610 B
Barium	0.0114
Beryllium	0.00100 U
Cadmium	0.00100 U
Calcium	10.5
Chromium	0.000750 B
Cobalt	0.0000580 B
Copper	0.00230
Iron	0.227
Lead	0.00750 X
Magnesium	1.53
Manganese	0.0268
Mercury	0.000200 U
Nickel	0.000330 B
Potassium	0.596
Selenium	0.00500 U
Silver	0.00100 U
Sodium	7.34
Thallium	0.00100 U
Vanadium	0.000760 B
Zinc	0.00560

TABLE 8
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

ADDITIONAL BASELINE WATER SAMPLE DATA

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. (BBL) and were submitted to Severn Trent Laboratories, Inc., Paradigm Analytical Laboratories, Waste Stream Technology, Inc. and Northeast Analytical Services, Inc. for analysis.
2. U = Indicates the constituent was not detected. The value preceding the U indicates the laboratory quantitation limit.
3. As specified in the *Treatability Studies Work Plan* (BBL, 2004), data validation was performed on approximately 10% of the analytical data set.
4. mg/L = milligrams per liter.
5. NTU = nephelometric turbidity unit.
6. Laboratory Data Qualifiers:
   Organics (PCDD/PCDFs)
   - J - Indicates an estimated value..

   Inorganics (TAL Metals)
   - B - Indicates an estimated value between the lower calibration limit and the target detection limit.
   - E - Matrix interference.
   - X - Method blank contamination.

7. Field parameters measured by BBL are as follows:
   pH = 7.46 standard units (SU).

TABLE 9
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

DRET 1 SAMPLE DATA

Sample ID: / Date Collected:	DRET-01-S1 7/15/2004	DRET-02-S1 7/15/2004	DRET-03-S1 7/15/2004
Congener PCBs (mg/L)			
Total PCB	0.00306 J	0.00279 J	0.00284 J
Congener PCBs Filtered (mg/L)			
Total PCB	0.0000630 J	0.0000440 J	0.000110 J
TAL Metals (mg/L)			
Aluminum	14.4 J	13.3 J	13.5 J
Antimony	0.00110 BJ	0.000810 BJ	0.000790 BJ
Arsenic	0.00630 J	0.00570 J	0.00580 J
Barium	0.247 J	0.221 J	0.217 J
Beryllium	0.000780 BJ	0.000720 BJ	0.000760 BJ
Cadmium	0.00230 J	0.00200 J	0.00200 J
Calcium	13.4 J	12.5 J	12.9 J
Chromium	0.0774 J	0.0716 J	0.0722 J
Cobalt	0.0104 J	0.00940 J	0.00960 J
Copper	0.0441 J	0.0409 J	0.0415 J
Iron	23.0 J	21.2 J	21.3 J
Lead	0.0779 J	0.0703 J	0.0711 J
Magnesium	5.04 J	4.70 J	4.76 J
Manganese	0.498 J	0.454 J	0.467 J
Mercury	0.000310 J	0.000380 J	0.000340 J
Nickel	0.0322 J	0.0306 J	0.0304 J
Potassium	3.93 J	3.70 J	3.69 J
Selenium	0.000640 BJ	0.00500 UJ	0.000800 BJ
Silver	0.000230 BJ	0.000220 BJ	0.000190 BJ
Sodium	9.21 J	8.50 J	8.88 J
Thallium	0.000480 BJ	0.000180 BJ	0.000160 BJ
Vanadium	0.0314 J	0.0280 J	0.0278 J
Zinc	0.217 J	0.202 J	0.199 J
TAL Metals Filtered (mg/L)			
Aluminum	0.0467 J	0.133 J	0.0397 J
Antimony	0.000760 BJ	0.000540 BJ	0.000570 BJ
Arsenic	0.000600 BJ	0.000520 BJ	0.000360 BJ
Barium	0.0150 J	0.0154 J	0.0147 J
Beryllium	0.00100 UJ	0.00100 UJ	0.00100 UJ
Cadmium	0.00100 UJ	0.00100 UJ	0.00100 UJ
Calcium	10.1 J	10.2 J	10.6 J
Chromium	0.00220 UJ	0.00240 J	0.00220 J
Cobalt	0.000310 BJ	0.000120 BJ	0.0000790 BJ
Copper	0.00220 J	0.00270 J	0.00240 J
Iron	0.0960 J	0.201 J	0.124 J
Lead	0.000420 BJ	0.000730 BJ	0.000740 BJ
Magnesium	1.58 J	1.59 J	1.67 J
Manganese	0.0143 J	0.0122 J	0.0116 J
Mercury	0.000200 UJ	0.000200 UJ	0.000200 UJ
Nickel	0.00260 J	0.00250 J	0.00230 J
Potassium	0.754 J	0.740 J	0.795 J
Selenium	0.00500 UJ	0.00500 UJ	0.00500 UJ
Silver	0.000330 BJ	0.00100 UJ	0.00100 UJ
Sodium	8.54 J	8.43 J	9.31 J
Thallium	0.000300 BJ	0.00100 UJ	0.00100 UJ
Vanadium	0.00100 UJ	0.00100 UJ	0.00100 UJ
Zinc	0.00880 J	0.0108 J	0.00990 J
TOC (mg/L)			
Total Organic Carbon	5.05	4.70	4.86
DOC (mg/L)			
Dissolved Organic Carbon	4.96	5.24	5.04
TSS (mg/L)			
Total Suspended Solids	415	422	438
Field Measurements			
Turbidity (NTU)	656	621	637
Dissolved Oxygen (mg/L)	7.16	8.59	8.40
pH (pH Units)	7.16	7.24	6.93

TABLE 9
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

DRET 1 SAMPLE DATA

Sample ID: / Date Collected:	DRET-01-S2 7/15/2004	DRET-02-S2 7/15/2004	DRET-03-S2 7/15/2004
Congener PCBs (mg/L)			
Total PCB	0.0204 J	0.0207 J	0.0207 J
Congener PCBs Filtered (mg/L)			
Total PCB	0.0000960 J	0.0175 J	0.0271 J
TAL Metals (mg/L)			
Aluminum	20.1 J	20.7 J	22.7 J
Antimony	0.0104 J	0.0112 J	0.0118 J
Arsenic	0.00550 J	0.00560 J	0.00610 J
Barium	0.242 J	0.250 J	0.267 J
Beryllium	0.000690 BJ	0.000720 BJ	0.000790 BJ
Cadmium	0.0391 J	0.0404 J	0.0445 J
Calcium	13.2 J	13.1 J	13.6 J
Chromium	0.604 J	0.618 J	0.678 J
Cobalt	0.00860 J	0.00880 J	0.00960 J
Copper	0.0993 J	0.101 J	0.108 J
Iron	19.0 J	19.2 J	21.0 J
Lead	0.730 J	0.750 J	0.818 J
Magnesium	5.14 J	5.14 J	5.60 J
Manganese	0.236 J	0.235 J	0.265 J
Mercury	0.00490 J	0.00520 J	0.00540 J
Nickel	0.0266 J	0.0315 J	0.0297 J
Potassium	2.81 J	3.05 J	3.15 J
Selenium	0.000870 BJ	0.000840 BJ	0.000860 BJ
Silver	0.000870 BJ	0.000950 BJ	0.000960 BJ
Sodium	9.26 J	9.00 J	9.63 J
Thallium	0.000240 BJ	0.000210 BJ	0.000210 BJ
Vanadium	0.0727 J	0.0763 J	0.0822 J
Zinc	0.594 J	0.616 J	0.648 J
TAL Metals Filtered (mg/L)			
Aluminum	0.0630 J	0.0926 J	0.0923 J
Antimony	0.00970 J	0.00960 J	0.0109 J
Arsenic	0.00110 J	0.00100 J	0.000710 BJ
Barium	0.0426 J	0.0426 J	0.0451 J
Beryllium	0.00100 UJ	0.00100 UJ	0.00100 UJ
Cadmium	0.0003 UJ	0.00033 UJ	0.0004 UJ
Calcium	9.43 J	9.62 J	9.30 J
Chromium	0.00470 J	0.00570 J	0.00580 J
Cobalt	0.000200 BJ	0.000190 BJ	0.000210 BJ
Copper	0.00280 J	0.00270 J	0.00500 J
Iron	0.210 J	0.209 J	0.201 J
Lead	0.0177 J	0.0161 J	0.0156 J
Magnesium	1.64 J	1.67 J	1.70 J
Manganese	0.00860 J	0.00890 J	0.0110 J
Mercury	0.000200 UJ	0.000200 UJ	0.000200 UJ
Nickel	0.00120 J	0.00140 J	0.00140 J
Potassium	0.745 J	0.747 J	0.754 J
Selenium	0.00500 UJ	0.00500 UJ	0.00500 UJ
Silver	0.00100 UJ	0.00100 UJ	0.00100 UJ
Sodium	8.85 J	9.00 J	9.00 J
Thallium	0.00100 UJ	0.00100 UJ	0.00100 UJ
Vanadium	0.00390 J	0.00430 J	0.00410 J
Zinc	0.0321 J	0.0312 J	0.0336 J
TOC (mg/L)			
Total Organic Carbon	9.25	7.51	6.38
DOC (mg/L)			
Dissolved Organic Carbon	6.84	5.73	6.24
TSS (mg/L)			
Total Suspended Solids	572	560	428
Field Measurements			
Turbidity (NTU)	726	733	820
Dissolved Oxygen (mg/L)	4.51	4.56	4.43
pH (pH Units)	7.13	6.75	7.17

TABLE 9
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

DRET 1 SAMPLE DATA

Sample ID: / Date Collected:	DRET-01-S3 7/16/2004	DRET-02-S3 7/16/2004	DRET-03-S3 7/16/2004
Congener PCBs (mg/L)			
Total PCB	0.0313 J	0.0295 J	0.0340 J
Congener PCBs Filtered (mg/L)			
Total PCB	0.0000270 J	0.00328 J	0.00437 J
TAL Metals (mg/L)			
Aluminum	25.0 J	24.1 J	21.8 J
Antimony	0.00780 J	0.00720 J	0.00680 J
Arsenic	0.00590 J	0.00580 J	0.00530 J
Barium	0.272 J	0.264 J	0.240 J
Beryllium	0.00110 J	0.000990 BJ	0.000820 BJ
Cadmium	0.0266 J	0.0251 J	0.0234 J
Calcium	14.5 J	14.9 J	14.5 J
Chromium	0.366 J	0.353 J	0.322 J
Cobalt	0.0110 J	0.0102 J	0.00940 J
Copper	0.0761 J	0.0736 J	0.0682 J
Iron	25.0 J	24.0 J	21.9 J
Lead	0.479 J	0.456 J	0.415 J
Magnesium	6.41 J	6.23 J	5.76 J
Manganese	0.358 J	0.339 J	0.310 J
Mercury	0.00280 J	0.00250 J	0.00260 J
Nickel	0.0276 J	0.0257 J	0.0243 J
Potassium	3.46 J	3.42 J	3.11 J
Selenium	0.000800 BJ	0.00120 BJ	0.000860 BJ
Silver	0.000790 BJ	0.000720 BJ	0.000660 BJ
Sodium	9.47 J	9.96 J	9.42 J
Thallium	0.000470 BJ	0.000220 BJ	0.000200 BJ
Vanadium	0.0603 J	0.0613 J	0.0553 J
Zinc	0.503 J	0.490 J	0.449 J
TAL Metals Filtered (mg/L)			
Aluminum	0.142 J	0.174 J	0.137 J
Antimony	0.00610 J	0.00510 J	0.00480 J
Arsenic	0.00130 J	0.00110 J	0.000960 BJ
Barium	0.0294 J	0.0254 J	0.0254 J
Beryllium	0.00100 U	0.00100 U	0.00100 UJ
Cadmium	0.000480 BJ	0.000310 BJ	0.000100 BJ
Calcium	8.98 J	8.60 J	8.74 J
Chromium	0.00530 J	0.00580 J	0.00490 J
Cobalt	0.000600 J	0.000210 BJ	0.000160 BJ
Copper	0.00270 J	0.00330 J	0.00260 J
Iron	0.212 J	0.271 J	0.214 J
Lead	0.00700 J	0.00880 J	0.00730 J
Magnesium	1.63 J	1.53 J	1.58 J
Manganese	0.0411 J	0.0248 J	0.0205 J
Mercury	0.000200 UJ	0.000200 UJ	0.000200 UJ
Nickel	0.00130 J	0.00110 J	0.000810 BJ
Potassium	0.677 J	0.674 J	0.675 J
Selenium	0.00500 UJ	0.00500 UJ	0.00500 UJ
Silver	0.00100 UJ	0.00100 UJ	0.00100 UJ
Sodium	8.85 J	8.59 J	8.55 J
Thallium	0.000300 BJ	0.00100 UJ	0.00100 UJ
Vanadium	0.00230 J	0.00260 J	0.00340 J
Zinc	0.0250 J	0.0186 J	0.0160 J
TOC (mg/L)			
Total Organic Carbon	14.10	6.57	6.08
DOC (mg/L)			
Dissolved Organic Carbon	8.52	5.25	5.84
TSS (mg/L)			
Total Suspended Solids	662	606	580
Field Measurements			
Turbidity (NTU)	867	763	733
Dissolved Oxygen (mg/L)	6.07	5.39	5.32
pH (pH Units)	7.04	7.18	7.18

TABLE 9
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

DRET 1 SAMPLE DATA

Sample ID: / Date Collected:	DRET-01-S4B 7/16/2004	DRET-02-S4B 7/16/2004	DRET-03-S4B 7/16/2004
Congener PCBs (mg/L)			
Total PCB	0.160 J	0.130 J	0.0617 J
Congener PCBs Filtered (mg/L)			
Total PCB	0.0352 J	0.0403 J	0.0482 J
TAL Metals (mg/L)			
Aluminum	20.0 J	25.9 J	23.4 J
Antimony	0.0158 J	0.0190 J	0.0189 J
Arsenic	0.00560 J	0.00740 J	0.00600 J
Barium	0.196 J	0.244 J	0.228 J
Beryllium	0.000700 BJ	0.000930 BJ	0.000830 B
Cadmium	0.0612 J	0.0780 J	0.0614 J
Calcium	14.4 J	16.4 J	14.8 J
Chromium	0.637 J	0.811 J	0.710 J
Cobalt	0.00830 J	0.0104 J	0.00900 J
Copper	0.0981 J	0.120 J	0.104 J
Iron	19.9 J	25.6 J	22.7 J
Lead	0.901 J	1.15 J	0.939 J
Magnesium	5.01 J	6.16 J	5.62 J
Manganese	0.264 J	0.332 J	0.288 J
Mercury	0.00710 J	0.00840 J	0.00720 J
Nickel	0.0236 J	0.0296 J	0.0333 J
Potassium	2.62 J	3.26 J	3.53 J
Selenium	0.000600 BJ	0.00130 BJ	0.00110 BJ
Silver	0.00140 J	0.00170 J	0.00140 J
Sodium	8.81 J	9.73 J	8.83 J
Thallium	0.000210 BJ	0.000240 BJ	0.000220 BJ
Vanadium	0.0728 J	0.0847 J	0.0782 J
Zinc	0.750 J	0.931 J	0.750 J
TAL Metals Filtered (mg/L)			
Aluminum	0.0769 J	0.0979 J	0.0689 J
Antimony	0.0147 J	0.0168 J	0.0146 J
Arsenic	0.000700 BJ	0.000680 BJ	0.000420 BJ
Barium	0.0286 J	0.0286 J	0.0273 J
Beryllium	0.00100 UJ	0.00100 UJ	0.00100 UJ
Cadmium	0.000280 BJ	0.000230 BJ	0.000240 BJ
Calcium	10.1 J	9.71 J	9.43 J
Chromium	0.00570 J	0.00600 J	0.00520 J
Cobalt	0.000190 BJ	0.000160 BJ	0.000160 BJ
Copper	0.00270 J	0.00250 J	0.00190 BJ
Iron	0.141 J	0.153 J	0.126 J
Lead	0.0103 J	0.0117 J	0.00930 J
Magnesium	1.42 J	1.32 J	1.30 J
Manganese	0.00870 J	0.00860 J	0.00950 J
Mercury	0.000200 UJ	0.000200 UJ	0.000200 UJ
Nickel	0.00110 J	0.00180 J	0.000950 BJ
Potassium	0.714 J	0.747 J	0.695 J
Selenium	0.00500 UJ	0.00500 UJ	0.00500 UJ
Silver	0.00100 UJ	0.00100 UJ	0.00100 UJ
Sodium	8.70 J	8.66 J	8.25 J
Thallium	0.00100 UJ	0.00100 UJ	0.00100 UJ
Vanadium	0.00160 J	0.00240 J	0.00180 J
Zinc	0.0252 J	0.0220 J	0.0217 J
TOC (mg/L)			
Total Organic Carbon	7.96	6.00	7.23
DOC (mg/L)			
Dissolved Organic Carbon	6.60	4.80	6.71
TSS (mg/L)			
Total Suspended Solids	608	698	622
Field Measurements			
Turbidity (NTU)	1148	1495	1226
Dissolved Oxygen (mg/L)	8.73	10.27	7.96
pH (pH Units)	7.23	7.16	7.21

TABLE 9
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

DRET 1 SAMPLE DATA

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. (BBL), and were submitted to Severn Trent Laboratories, Inc. and Northeast Analytical Services, Inc. for analysis.
2. U = Indicates the constituent was not detected. The value preceding the U indicates the laboratory quantitation limit.
3. As specified in the *Treatability Studies Work Plan* (BBL, 2004), data validation was performed on approximately 10% of the analytical data set.
4. Sample materials (e.g., S1) correspond to sample types specified in the Treatability Studies Work Plan. Each sample was run in triplicate.
5. mg/L = milligrams per liter.
6. NTU = nephelometric turbidity unit.
7. PCB analysis (via Green Bay) for feed sediment used in DRETs:
   - S1 = 7.51 milligrams per Kilogram (mg/Kg on dry weight basis)
   - S2 = 132 mg/Kg
   - S3 = 54.4 mg/Kg
   - S4B = 561 mg/Kg

8. Laboratory Data Qualifiers:
   Inorganics (TAL Metals)
   - B - Indicates an estimated value between the lower calibration limit and the target detection limit.
   - J - Indicates an estimated value.

TABLE 10
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

DRET 2 SAMPLE DATA

Sample ID: / Date Collected:	DRET2-01-S1 9/28/2004	DRET2-02-S1 9/28/2004	DRET2-03-S1 9/28/2004
Congener PCBs (mg/L)			
Total PCB	0.00246	0.00278	0.00227
Congener PCBs Filtered (mg/L)			
Total PCB	0.000835	0.000851	0.000762
TAL Metals (mg/L)			
Aluminum	9.72	10.4	9.44
Antimony	0.000830 B	0.000750 B	0.000700 B
Arsenic	0.00380	0.00450	0.00370
Barium	0.174	0.176	0.168
Beryllium	0.000560 B	0.000520 B	0.000490 B
Cadmium	0.00140	0.00150	0.00120
Calcium	11.5	11.0	10.6
Chromium	0.0521	0.0578	0.0568
Cobalt	0.00610	0.00680	0.00590
Copper	0.0338	0.0348	0.0302
Iron	12.8	14.4	12.4
Lead	0.0560	0.0588	0.0505
Magnesium	3.55	3.64	3.34
Manganese	0.389	0.420	0.370
Mercury	0.000200 J	0.000290 J	0.000220 J
Nickel	0.0162	0.0181	0.0188
Potassium	3.01	3.08	2.95
Selenium	0.000520 B	0.000420 B	0.00500 U
Silver	0.00100 U	0.00100 U	0.00100 U
Sodium	8.27	7.91	7.65
Thallium	0.000140 B	0.000120 B	0.000100 B
Vanadium	0.0200	0.0220	0.0204
Zinc	0.245	0.257	0.224
TAL Metals Filtered (mg/L)			
Aluminum	0.800	0.612	0.0813
Antimony	0.000490 B	0.000420 B	0.000420 B
Arsenic	0.000790 B	0.00110	0.000700 B
Barium	0.0318	0.0257	0.0155
Beryllium	0.00100 U	0.00100 U	0.00100 U
Cadmium	0.00100 U	0.00100 U	0.00100 U
Calcium	10.2	9.60	9.53
Chromium	0.00550	0.00410	0.00190 U
Cobalt	0.000510	0.000440 B	0.000190 U
Copper	0.00430	0.00350	0.00220
Iron	0.901	0.746	0.162
Lead	0.00430	0.00360	0.00110
Magnesium	1.67	1.57	1.47
Manganese	0.0766	0.0750	0.0756
Mercury	0.000200 U	0.000200 U	0.000200 U
Nickel	0.00250	0.00200	0.00160
Potassium	0.888	0.814	0.593
Selenium	0.00500 U	0.00500 U	0.00500 U
Silver	0.00100 U	0.00100 U	0.00100 U
Sodium	8.31	7.87	7.75
Thallium	0.00100 U	0.00100 U	0.00100 U
Vanadium	0.00210	0.00200	0.00100 U
Zinc	0.0340	0.0283	0.0196
TOC (mg/L)			
Total Organic Carbon	9.19	9.05	8.91
DOC (mg/L)			
Dissolved Organic Carbon	7.73	8.38	8.49
TSS (mg/L)			
Total Suspended Solids	294	350	282
Field Measurements			
Turbidity (NTU)	337	416	347
Dissolved Oxygen (mg/L)	4.41	4.28	4.68
pH (pH Units)	7.22	7.23	7.25

TABLE 10
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

DRET 2 SAMPLE DATA

Sample ID: / Date Collected:	DRET2-01-S2 9/28/2004	DRET2-02-S2 9/28/2004	DRET2-03-S2 9/28/2004
Congener PCBs (mg/L)			
Total PCB	0.0775	0.0797	0.0801
Congener PCBs Filtered (mg/L)			
Total PCB	0.0530	0.0749	0.0256
TAL Metals (mg/L)			
Aluminum	11.5	14.1	11.0
Antimony	0.00700	0.00900	0.00700
Arsenic	0.00280	0.00370	0.00310
Barium	0.146	0.181	0.143
Beryllium	0.000440 B	0.000480 B	0.000370 B
Cadmium	0.0212	0.0292	0.0211
Calcium	10.6	11.1	10.9
Chromium	0.324	0.425	0.320
Cobalt	0.00440	0.00570	0.00430
Copper	0.0511	0.0642	0.0493
Iron	10.1	13.1	9.78
Lead	0.368	0.496	0.367
Magnesium	3.41	3.94	3.36
Manganese	0.147	0.189	0.144
Mercury	0.00280 J	0.00360 J	0.00270 J
Nickel	0.0126	0.0159	0.0129
Potassium	2.27	2.45	2.11
Selenium	0.000480 B	0.000520 B	0.000440 B
Silver	0.000400 B	0.000530 B	0.000370 B
Sodium	8.05	8.39	8.10
Thallium	0.0000980 B	0.000120 B	0.0000850 B
Vanadium	0.0396	0.0525	0.0411
Zinc	0.311	0.389	0.298
TAL Metals Filtered (mg/L)			
Aluminum	0.142	0.162	0.129
Antimony	0.00560	0.00680	0.00520
Arsenic	0.00110	0.00120	0.00110
Barium	0.0330	0.0340	0.0307
Beryllium	0.00100 U	0.00100 U	0.00100 U
Cadmium	0.000320 B	0.000240 B	0.000150 B
Calcium	9.18	8.31	8.56
Chromium	0.00710	0.00880	0.00670
Cobalt	0.000110 U	0.000110 U	0.0000940 U
Copper	0.00220	0.00340	0.00210
Iron	0.271	0.384	0.249
Lead	0.0168	0.0174	0.0152
Magnesium	1.53	1.41	1.44
Manganese	0.0258	0.0365	0.0324
Mercury	0.000200 U	0.000200 U	0.000200 U
Nickel	0.000800 B	0.000960 B	0.000730 B
Potassium	0.631	0.628	0.596
Selenium	0.00500 U	0.00500 U	0.00500 U
Silver	0.00100 U	0.00100 U	0.00100 U
Sodium	8.03	7.57	7.53
Thallium	0.00100 U	0.00100 U	0.00100 U
Vanadium	0.00410	0.00220	0.00270
Zinc	0.0103	0.0155 X	0.00950 X
TOC (mg/L)			
Total Organic Carbon	5.24	6.04	5.40
DOC (mg/L)			
Dissolved Organic Carbon	4.16	5.29	4.84
TSS (mg/L)			
Total Suspended Solids	262	407	245
Field Measurements			
Turbidity (NTU)	356	484	351
Dissolved Oxygen (mg/L)	4.41	4.72	4.68
pH (pH Units)	7.35	7.24	7.29

TABLE 10
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

DRET 2 SAMPLE DATA

Sample ID: / Date Collected:	DRET2-01-S3 9/29/2004	DRET2-02-S3 9/29/2004	DRET2-03-S3 9/29/2004
Congener PCBs (mg/L)			
Total PCB	0.0650	0.0648	0.0767
Congener PCBs Filtered (mg/L)			
Total PCB	0.0172	0.0189	0.0190
TAL Metals (mg/L)			
Aluminum	24.0	22.1	24.9
Antimony	0.00740	0.00670	0.00750
Arsenic	0.00530	0.00540	0.00580
Barium	0.261	0.239	0.270
Beryllium	0.00100	0.000920 B	0.000990 B
Cadmium	0.0262	0.0237	0.0270
Calcium	13.6	12.7	14.3
Chromium	0.365	0.342	0.378
Cobalt	0.00990	0.00930	0.0103
Copper	0.0707 J	0.0662 J	0.0735 J
Iron	23.8	22.2	24.6
Lead	0.469	0.434	0.493
Magnesium	6.09	5.66	6.30
Manganese	0.342	0.318	0.352
Mercury	0.00290	0.00290	0.00300
Nickel	0.0246	0.0223	0.0249
Potassium	3.14	2.88	3.17
Selenium	0.00110 B	0.000770 B	0.00100 B
Silver	0.000700 B	0.000650 B	0.000720 B
Sodium	8.94	8.19	8.89
Thallium	0.000220 B	0.000180 B	0.000190 B
Vanadium	0.0613	0.0572	0.0626
Zinc	0.468 J	0.436 J	0.485 J
TAL Metals Filtered (mg/L)			
Aluminum	0.765	2.02	0.987
Antimony	0.00540	0.00530	0.00510
Arsenic	0.00180	0.00210	0.00170
Barium	0.0302	0.0427	0.0305
Beryllium	0.00100 U	0.0000750 B	0.00100 U
Cadmium	0.000770 B	0.00220	0.00100
Calcium	8.37	8.37	7.78
Chromium	0.0166	0.0376	0.0209
Cobalt	0.000400 B	0.000930	0.000490 B
Copper	0.00900	0.0114	0.00540
Iron	0.873	2.15	1.08
Lead	0.0220	0.0471	0.0253
Magnesium	1.58	1.75	1.55
Manganese	0.0487	0.0587	0.0489
Mercury	0.000200 U	0.000300	0.000120 B
Nickel	0.00140	0.00270	0.00170
Potassium	0.734	0.862	0.733
Selenium	0.00500 U	0.00500 U	0.00500 U
Silver	0.00100 U	0.00100 U	0.00100 U
Sodium	8.29	8.06	7.92
Thallium	0.00100 U	0.00100 U	0.00100 U
Vanadium	0.00310	0.00390	0.00250
Zinc	0.0289	0.0557	0.0265
TOC (mg/L)			
Total Organic Carbon	6.81	6.90	6.75
DOC (mg/L)			
Dissolved Organic Carbon	4.38	4.64	4.41
TSS (mg/L)			
Total Suspended Solids	581	553	543
Field Measurements			
Turbidity (NTU)	822	815	847
Dissolved Oxygen (mg/L)	4.71	5.07	4.67
pH (pH Units)	6.93	7.00	7.16

TABLE 10
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

DRET 2 SAMPLE DATA

Sample ID: / Date Collected:	DRET2-01-S4B 9/29/2004	DRET2-02-S4B 9/29/2004	DRET2-03-S4B 9/29/2004
Congener PCBs (mg/L)			
Total PCB	0.240	0.234	0.255
Congener PCBs Filtered (mg/L)			
Total PCB	0.0917	0.121	0.0918
TAL Metals (mg/L)			
Aluminum	19.0	19.0	21.1
Antimony	0.0148	0.0151	0.0164
Arsenic	0.00530	0.00550	0.00590
Barium	0.184	0.187	0.202
Beryllium	0.000700 B	0.000610 B	0.000780 B
Cadmium	0.0519	0.0533	0.0619
Calcium	13.8	15.0	15.3
Chromium	0.600	0.614	0.686
Cobalt	0.00710	0.00730	0.00810
Copper	0.0835 J	0.0864 J	0.0942 J
Iron	17.8	18.1	20.3
Lead	0.797	0.813	0.932
Magnesium	4.66	4.80	5.08
Manganese	0.232	0.241	0.267
Mercury	0.00640	0.00640	0.00730
Nickel	0.0193	0.0201	0.0219
Potassium	2.73	2.74	2.83
Selenium	0.00110 B	0.00110 B	0.00100 B
Silver	0.00110	0.00110	0.00130
Sodium	8.40	8.76	8.84
Thallium	0.000160 B	0.000160 B	0.000160 B
Vanadium	0.0658	0.0673	NA
Zinc	0.619 J	0.641 J	0.712 J
TAL Metals Filtered (mg/L)			
Aluminum	0.153	0.142	0.777
Antimony	0.0114	0.0116	0.0133
Arsenic	0.000970 B	0.00150	0.00150
Barium	0.0232	0.0231	0.0299
Beryllium	0.00100 U	0.00100 U	0.00100 U
Cadmium	0.000350 B	0.000380 B	0.00190
Calcium	9.13	9.33	9.38
Chromium	0.00850	0.00840	0.0295
Cobalt	0.0000880 B	0.0000970 B	0.000340 B
Copper	0.00240	0.00260	0.00660
Iron	0.281	0.295	0.831
Lead	0.0162	0.0164	0.0415
Magnesium	1.27	1.29	1.35
Manganese	0.0163	0.0127	0.0225
Mercury	0.000200 U	0.000200 U	0.000270
Nickel	0.00110	0.000600 B	0.00140
Potassium	0.623	0.630	0.766
Selenium	0.00500 U	0.00500 U	0.00500 U
Silver	0.00100 U	0.00100 U	0.00100 U
Sodium	7.77	7.91	7.85
Thallium	0.00100 U	0.00100 U	0.00100 U
Vanadium	0.000820 B	0.000790 B	0.00160
Zinc	0.0107	0.0113	0.0319
TOC (mg/L)			
Total Organic Carbon	5.43	5.79	6.33
DOC (mg/L)			
Dissolved Organic Carbon	4.15	6.73	4.30
TSS (mg/L)			
Total Suspended Solids	433	419	497
Field Measurements			
Turbidity (NTU)	966	896	1087
Dissolved Oxygen (mg/L)	5.02	4.69	4.85
pH (pH Units)	7.03	7.14	7.18

TABLE 10
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

DRET 2 SAMPLE DATA

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. (BBL), and were submitted to Severn Trent Laboratories, Inc. and Northeast Analytical Services, Inc. for analysis.
2. U = Indicates the constituent was not detected. The value preceding the U indicates the laboratory quantitation limit.
3. As specified in the *Treatability Studies Work Plan* (BBL, 2004), data validation was performed on approximately 10% of the analytical data set. Sample materials (e.g., S1) correspond to sample types specified in the Treatability Studies Work Plan. Each sample was run in triplicate.
4. mg/L = milligrams per liter.
5. NTU = nephelometric turbidity unit.
6. PCB analysis (via Green Bay) for feed sediment used in DRET 2:
7. S1 = 9.35 milligrams per kilogram (mg/Kg on dry weight basis).
   S2 = 127 mg/Kg.
   S3 = 44.1 mg/Kg.
   S4 = 450 mg/Kg.

   Laboratory Data Qualifiers:
8. Inorganics (TAL Metals)
   B - Indicates an estimated value between the lower calibration limit and the target detection limit.
   J - Indicates an estimated value.
   X - Method blank contamination.

TABLE 11
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

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SIZE SEPARATION SAMPLE DATA

Sample ID: / Date Collected:	H1S1#10-#200 7/14/2004	H1S1#80-#100-#200 7/14/2004	H1S1<#200 7/14/2004	H1S1>#10 7/12/2004	H1S1>#20 7/12/2004	H1S1>#40 7/12/2004	H1S1>#60 7/12/2004	H1S1>#80 7/12/2004	H1S1>#100 7/12/2004
PCBs (mg/Kg)									
Aroclor-1016	NA	NA	0.11 U	0.049 U	0.043 U	0.028 U	0.029 U	0.014 U	0.014 U
Aroclor-1221	NA	NA	13	5.0	3.7	2.6	3.4	2.0	2.2
Aroclor-1232	NA	NA	0.11 U	0.049 U	0.043 U	0.028 U	0.029 U	0.014 U	0.014 U
Aroclor-1242	NA	NA	11	4.6	2.6	2.0	1.7	1.3	1.5
Aroclor-1248	NA	NA	0.11 U	0.049 U	0.043 U	0.028 U	0.029 U	0.014 U	0.014 U
Aroclor-1254	NA	NA	0.11 U	0.049 U	0.043 U	0.028 U	0.029 U	0.014 U	0.014 U
Aroclor-1260	NA	NA	0.11 U	0.049 U	0.043 U	0.028 U	0.029 U	0.014 U	0.014 U
Total PCBs	NA	NA	24	9.6	6.3	4.6	5.1	3.3	3.7
Atterberg Limits									
Liquid Limit	NA	0	NA	NA	NA	NA	0	NA	NA
Plastic Limit	NA	0	NA	NA	NA	NA	0	NA	NA
Plasticity Index	NA	0	NA	NA	NA	NA	0	NA	NA
TOC (mg/Kg)									
Total Organic Carbon	5,300	NA	NA	NA	NA	NA	NA	NA	NA
TAL Metals (mg/Kg)									
Aluminum	NA	NA	14,400	5,060	3,740	2,810	2,280	2,570	2,860
Antimony	NA	NA	0.460 *	0.0760 X*	0.0690 X*	0.0540 X*	0.0400 X*	0.120 X*	0.0510 X*
Arsenic	NA	NA	5.50	4.20	1.40	0.820	0.580	0.550	0.590
Barium	NA	NA	150	55.8	37.5	22.9	14.6	16.9	19.5
Beryllium	NA	NA	0.910	0.290	0.400	0.210	0.150	0.170	0.190
Cadmium	NA	NA	2.60 *	0.240 *	0.170 *	0.150 *	0.160 *	0.220 *	0.260 *
Calcium	NA	NA	2,910	1,540	1,490	1,390	1,210	1,840	2,250
Chromium	NA	NA	97.1	10.7	10.2	10.7	9.70	13.9	16.7
Cobalt	NA	NA	12.8	6.50	3.10	2.70	2.50	2.80	3.00
Copper	NA	NA	46.4	21.1	7.00	6.00	3.20	10.2	5.50
Iron	NA	NA	28,100	14,200	8,110	6,350	4,590	5,340	6,590
Lead	NA	NA	76.8	14.2	8.50	14.6	7.30	10.8	12.7
Magnesium	NA	NA	4,700	2,380	1,500	1,070	883	993	1,110
Manganese	NA	NA	397	274	83.7	60.6	42.4	51.4	62.0
Mercury	NA	NA	0.390 N*	0.0480 N*	0.0280 BN*	0.0180 BN*	0.0190 BN*	0.0270 BN*	0.0260 BN*
Nickel	NA	NA	62.4	12.9	7.10	5.60	4.10	7.00	8.90
Potassium	NA	NA	2,110 *	698 *	595 *	406 *	263 *	313 *	351 *
Selenium	NA	NA	1.20	0.410 X	0.340 X	0.280 X	0.290 X	0.340 X	0.460 X
Silver	NA	NA	0.230	0.0580 X	0.0260 X	0.0180 X	0.0140 X	0.0190 X	0.0180 X
Sodium	NA	NA	208 *	102 *	139 *	109 *	119 *	134 *	125 *
Thallium	NA	NA	0.190 X	0.300	0.120 X	0.0710 X	0.0560 X	0.0600 X	0.0540 X
Vanadium	NA	NA	36.8 E	12.6 E	7.50 E	9.80 E	6.10 E	8.90 E	10.9 E
Zinc	NA	NA	206 E	55.6 E	34.6 E	30.1 E	26.4 E	30.5 E	32.7 E
Percent Solids (%)									
Percent Solids	83.0	NA	47.7	92.6	76.8	77.8	74.9	76.0	76.2
pH (pH Units)									
pH	NA	NA	6.22	8.01	7.47	7.19	7.18	6.94	6.91
Specific Gravity									
Specific Gravity	NA	NA	2.54	2.52	2.64	2.82	2.82	2.94	3.02

TABLE 11
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

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SIZE SEPARATION SAMPLE DATA

Sample ID: / Date Collected:	H1S1>#200 7/12/2004	H1S2#10-#200 7/13/2004	H1S2#60-#80 7/12/2004	H1S2#100-#200 7/12/2004	H1S2<#200 7/14/2004	H1S2>#10 7/12/2004	H1S2>#20 7/12/2004	H1S2>#40 7/12/2004	H1S2>#60 7/12/2004
PCBs (mg/Kg)									
Aroclor-1016	0.045 U	NA	NA	NA	2.3 U	0.29 U	0.40 U	0.58 U	0.17 U
Aroclor-1221	3.9	NA	NA	NA	270	30	50	67	30
Aroclor-1232	0.045 U	NA	NA	NA	2.3 U	0.29 U	0.40 U	0.58 U	0.17 U
Aroclor-1242	3.3	NA	NA	NA	47	6.0	9.7	15	7.3
Aroclor-1248	0.045 U	NA	NA	NA	2.3 U	0.29 U	0.40 U	0.58 U	0.17 U
Aroclor-1254	0.045 U	NA	NA	NA	2.3 U	0.29 U	0.40 U	0.58 U	0.17 U
Aroclor-1260	0.045 U	NA	NA	NA	2.3 U	0.29 U	0.40 U	0.58 U	0.17 U
Total PCBs	7.2	NA	NA	NA	317	36	60	82	37
Atterberg Limits									
Liquid Limit	NA	NA	0	0	NA	NA	NA	NA	NA
Plastic Limit	NA	NA	0	0	NA	NA	NA	NA	NA
Plasticity Index	NA	NA	0	0	NA	NA	NA	NA	NA
TOC (mg/Kg)									
Total Organic Carbon	NA	20,000	NA	NA	NA	NA	NA	NA	NA
TAL Metals (mg/Kg)									
Aluminum	3,590	NA	NA	NA	17,400	5,770	7,070	3,600	3,340
Antimony	0.0680 X*	NA	NA	NA	4.80 *	0.100 X*	0.370 X*	0.630 *	0.230 X*
Arsenic	0.800	NA	NA	NA	5.40	3.40	4.30	1.10	1.00
Barium	28.7	NA	NA	NA	197	65.7	73.6	33.3	29.8
Beryllium	0.240	NA	NA	NA	0.840	0.350	0.410	0.210	0.200
Cadmium	0.360 *	NA	NA	NA	39.7 *	0.210 *	1.10 *	1.10 *	1.40 *
Calcium	3,050	NA	NA	NA	3,860	1,440	2,120	1,270	1,190
Chromium	48.8	NA	NA	NA	696	11.2	55.8	30.6	28.6
Cobalt	4.10	NA	NA	NA	11.0	7.00	6.80	3.60	3.60
Copper	8.60	NA	NA	NA	109	15.5	18.4	11.9	11.2
Iron	8,540	NA	NA	NA	23,500	14,900	17,500	6,600	6,110
Lead	16.6	NA	NA	NA	737	14.0	34.3	27.8	27.4
Magnesium	1,510	NA	NA	NA	4,420	2,980	3,370	1,330	1,300
Manganese	79.9	NA	NA	NA	232	77.7	110	45.1	40.2
Mercury	0.0400 BN*	NA	NA	NA	6.90 N*	0.0560 N*	0.160 N*	0.200 N*	0.0840 N*
Nickel	12.2	NA	NA	NA	36.1	12.3	12.8	6.20	5.80
Potassium	468 *	NA	NA	NA	1,610 *	748 *	895 *	454 *	332 *
Selenium	0.610 X	NA	NA	NA	1.60	0.410 X	0.680 X	0.440 X	0.310 X
Silver	0.0210 X	NA	NA	NA	0.900	0.0580 X	0.0430 X	0.0440 X	0.0280 X
Sodium	156 *	NA	NA	NA	389 *	74.5 *	193 *	127 *	133 *
Thallium	0.0620 X	NA	NA	NA	0.210 X	0.0880 X	0.0850 X	0.0610 X	0.0830 X
Vanadium	13.7 E	NA	NA	NA	66.2 E	9.90 E	22.0 E	9.80 E	10.0 E
Zinc	44.8 E	NA	NA	NA	570 E	58.2 E	72.8 E	48.3 E	51.9 E
Percent Solids (%)									
Percent Solids	74.9	56.5	NA	NA	35.0	73.0	55.8	58.2	66.4
pH (pH Units)									
pH	7.08	NA	NA	NA	5.81	6.29	6.48	6.66	6.74
Specific Gravity									
Specific Gravity	2.97	NA	NA	NA	2.41	1.99	2.38	2.63	2.60

TABLE 11
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

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SIZE SEPARATION SAMPLE DATA

Sample ID: / Date Collected:	H1S2>#80 7/12/2004	H1S2>#100 7/12/2004	H1S2>#200 7/12/2004	S3 #10-#200 7/27/2004	S3<#200 7/27/2004	S3>#10 7/27/2004	S3>#20 7/27/2004	S3>#40 7/27/2004	S3>#60 7/27/2004
PCBs (mg/Kg)									
Aroclor-1016	0.16 U	0.16 U	0.17 U	NA	1.0 U	0.46 U	0.86 U	0.37 U	0.13 U
Aroclor-1221	13	19	19	NA	130	50	85	44	14
Aroclor-1232	0.16 U	0.16 U	0.17 U	NA	1.0 U	0.46 U	0.86 U	0.37 U	0.13 U
Aroclor-1242	3.5	4.8	4.6	NA	36	12	24	11	4.1
Aroclor-1248	0.16 U	0.16 U	0.17 U	NA	1.0 U	0.46 U	0.86 U	0.37 U	0.13 U
Aroclor-1254	0.16 U	0.16 U	0.17 U	NA	1.0 U	0.46 U	0.86 U	0.37 U	0.13 U
Aroclor-1260	0.16 U	0.16 U	0.17 U	NA	1.0 U	0.46 U	19 U	0.37 U	0.13 U
Total PCBs	17	24	24	NA	166	62	128	55	18
Atterberg Limits									
Liquid Limit	NA	NA	NA	NA	NA	NA	NA	NA	0
Plastic Limit	NA	NA	NA	NA	NA	NA	NA	NA	0
Plasticity Index	NA	NA	NA	NA	NA	NA	NA	NA	0
TOC (mg/Kg)									
Total Organic Carbon	NA	NA	NA	20,000	NA	NA	NA	NA	NA
TAL Metals (mg/Kg)									
Aluminum	3,410	3,150	3,440	NA	18,300	6,610	3,650	2,580	3,850
Antimony	0.210 X*	0.450 *	0.510 *	NA	2.10	0.470	0.470 X	0.240 X	0.0930 X
Arsenic	0.920	0.740	0.720	NA	3.90 *	1.70 *	1.60 *	0.850 *	0.730 *
Barium	28.0	30.3	26.2	NA	167 *	80.3 *	45.4 *	23.9 *	23.8 *
Beryllium	0.220	0.190	0.180	NA	0.790	0.300	0.260	0.140 X	0.160
Cadmium	2.20 *	2.10 *	2.30 *	NA	15.8	1.30	1.20	0.630	0.510
Calcium	1,350	1,900	2,770	NA	5,110	3,060	2,180	1,120	1,810
Chromium	35.5	45.0	67.6	NA	292 *	42.0 *	33.7 *	28.0 *	15.9 *
Cobalt	3.90	3.60	4.10	NA	9.20	5.20	3.40	2.50	3.60
Copper	10.9	14.1	14.0	NA	55.7 *	19.4 *	10.2 *	6.60 *	4.90 *
Iron	5,740	5,180	5,700	NA	21,300	15,300	6,530	4,360	6,750
Lead	30.9	36.4	40.4	NA	324 *	46.5 *	29.7 *	18.8 *	11.4 *
Magnesium	1,240	1,110	1,210	NA	4,920	2,970	1,470	876	1,840
Manganese	39.7	41.2	47.7	NA	271 N	126 N	65.7 N	39.1 N	59.3 N
Mercury	0.0850 N*	0.0810 N*	0.110 N*	NA	2.20	0.0590 B	0.0990	0.0870	0.0270 B
Nickel	6.20	8.70	9.10	NA	22.0	11.5	5.70	3.70	5.70
Potassium	315 *	299 *	312 *	NA	1,560	629	454	281	392
Selenium	0.360 X	0.390 X	0.500 X	NA	2.20	0.730 X	0.720 X	0.360 X	0.450 X
Silver	0.0290 X	0.0330 X	0.0420 X	NA	0.500	0.0680 X	0.0470 X	0.0210 X	0.0150 X
Sodium	155 *	158 *	225 *	NA	276	144	186	138	130
Thallium	0.0710 X	0.0610 X	0.0560 X	NA	0.230 X	0.0740 X	0.550	0.130 X	0.0980 X
Vanadium	9.60 E	10.0 E	11.1 E	NA	67.2 E*	25.2 E*	24.1 E*	12.7 E*	11.8 E*
Zinc	54.8 E	53.2 E	56.3 E	NA	312 E*	80.7 E*	47.4 E*	33.6 E*	36.5 E*
Percent Solids (%)									
Percent Solids	69.3	68.5	65.9	65.0	41.1	48.1	38.8	57.2	68.0
pH (pH Units)									
pH	6.84	6.62	6.65	NA	5.80	6.73	6.00	6.18	6.12
Specific Gravity									
Specific Gravity	2.66	2.75	2.85	NA	NA	NA	2.35	2.47	2.66

TABLE 11
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

DRAFT
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ATTORNEY WORK PRODUCT
PREPARED AT THE REQUEST OF COUNSEL

SIZE SEPARATION SAMPLE DATA

Sample ID: / Date Collected:	S3>#80 7/27/2004	S3>#100 7/27/2004	S3>#200 7/27/2004	S4-8>#20 9/2/2004	S4-8>#40 9/2/2004	S4-HC-10->0.25" 8/20/2004	S4-HC-10-T=0 8/19/2004	S4-HC-10-T=F 8/20/2004	S4-HC-10-T=F<#200 8/23/2004
PCBs (mg/Kg)									
Aroclor-1016	0.33 U	0.059 U	0.063 U	NA	NA	3.0 U	3.9 U	3.9 U	2.3 U
Aroclor-1221	11	6.0	7.1	NA	NA	300	390	350	280
Aroclor-1232	0.33 U	0.059 U	0.063 U	NA	NA	3.0 U	3.9 U	3.9 U	2.3 U
Aroclor-1242	3.3	1.9	2.2	NA	NA	45	75	90	79
Aroclor-1248	0.33 U	0.059 U	0.063 U	NA	NA	3.0 U	3.9 U	3.9 U	2.3 U
Aroclor-1254	0.33 U	0.059 U	0.063 U	NA	NA	3.0 U	3.9 U	3.9 U	2.3 U
Aroclor-1260	7.6 U	0.059 U	0.20 U	NA	NA	3.0 U	3.9 U	3.9 U	2.3 U
Total PCBs	22	7.9	9.5	NA	NA	345	465	440	359
Atterberg Limits									
Liquid Limit	0	0	0	NA	NA	NA	NA	NA	NA
Plastic Limit	0	0	0	NA	NA	NA	NA	NA	NA
Plasticity Index	0	0	0	NA	NA	NA	NA	NA	NA
TOC (mg/Kg)									
Total Organic Carbon	NA	NA	NA	NA	NA	NA	NA	NA	NA
TAL Metals (mg/Kg)									
Aluminum	4,570	3,580	4,020	NA	NA	NA	NA	NA	NA
Antimony	0.240 X	0.0970 X	0.200 X	NA	NA	NA	NA	NA	NA
Arsenic	0.760 *	0.550 *	0.700 *	NA	NA	NA	NA	NA	NA
Barium	30.4 *	19.7 *	25.8 *	NA	NA	NA	NA	NA	NA
Beryllium	0.180	0.150	0.180	NA	NA	NA	NA	NA	NA
Cadmium	0.840	0.510	1.20	NA	NA	NA	NA	NA	NA
Calcium	1,650	2,610	3,240	NA	NA	NA	NA	NA	NA
Chromium	23.4 *	13.3 *	26.4 *	NA	NA	NA	NA	NA	NA
Cobalt	4.70	3.10	3.40	NA	NA	NA	NA	NA	NA
Copper	9.00 *	6.10 *	8.00 *	NA	NA	NA	NA	NA	NA
Iron	8,040	5,700	6,110	NA	NA	NA	NA	NA	NA
Lead	18.5 *	8.90 *	21.8 *	NA	NA	NA	NA	NA	NA
Magnesium	2,200	1,790	2,040	NA	NA	NA	NA	NA	NA
Manganese	72.1 N	51.9 N	58.5 N	NA	NA	NA	NA	NA	NA
Mercury	0.0220 B	0.0370 B	0.0270 B	NA	NA	NA	NA	NA	NA
Nickel	7.40	5.20	5.50	NA	NA	NA	NA	NA	NA
Potassium	430	306	329	NA	NA	NA	NA	NA	NA
Selenium	0.450 X	0.540 X	0.660 X	NA	NA	NA	NA	NA	NA
Silver	0.0230 X	0.0140 X	0.0280 X	NA	NA	NA	NA	NA	NA
Sodium	134	156	161	NA	NA	NA	NA	NA	NA
Thallium	0.110 X	0.0660 X	0.0680 X	NA	NA	NA	NA	NA	NA
Vanadium	15.7 E*	10.9 E*	14.8 E*	NA	NA	NA	NA	NA	NA
Zinc	48.8 E*	34.4 E*	41.1 E*	NA	NA	NA	NA	NA	NA
Percent Solids (%)									
Percent Solids	68.1	71.1	71.8	NA	NA	36.4	32.2	2.3	33.8
pH (pH Units)									
pH	6.44	6.57	6.67	NA	NA	NA	NA	NA	NA
Specific Gravity									
Specific Gravity	2.65	2.70	2.69	2.26	2.18	NA	NA	NA	NA

SIZE SEPARATION SAMPLE DATA

Sample ID: / Date Collected:	S4-HC-10-T=F>#40 8/23/2004	S4-HC-10-T=F>#60 8/23/2004	S4-HC-10-T=F>#80 8/23/2004	S4-HC-10-T=F>#200 8/23/2004	S4-HC-10-T=O<#200 8/23/2004	S4-HC-10-T=O>#40 8/23/2004	S4-HC-10-T=O>#60 8/23/2004
PCBs (mg/Kg)							
Aroclor-1016	7.4 U	6.2 U	1.8 U	1.1 U	3.1 U	5.5 U	2.9 U
Aroclor-1221	1,100	700	200	120	320	870	290
Aroclor-1232	7.4 U	6.2 U	1.8 U	1.1 U	3.1 U	5.5 U	2.9 U
Aroclor-1242	210	160	53	31	75	160	68
Aroclor-1248	7.4 U	6.2 U	1.8 U	1.1 U	3.1 U	5.5 U	2.9 U
Aroclor-1254	7.4 U	6.2 U	1.8 U	1.1 U	3.1 U	5.5 U	2.9 U
Aroclor-1260	7.4 U	6.2 U	1.8 U	1.1 U	3.1 U	5.5 U	2.9 U
Total PCBs	1,310	860	253	151	395	1,030	358
Atterberg Limits							
Liquid Limit	NA	NA	NA	NA	NA	NA	NA
Plastic Limit	NA	NA	NA	NA	NA	NA	NA
Plasticity Index	NA	NA	NA	NA	NA	NA	NA
TOC (mg/Kg)							
Total Organic Carbon	NA	NA	NA	NA	NA	NA	NA
TAL Metals (mg/Kg)							
Aluminum	NA	NA	NA	NA	NA	NA	NA
Antimony	NA	NA	NA	NA	NA	NA	NA
Arsenic	NA	NA	NA	NA	NA	NA	NA
Barium	NA	NA	NA	NA	NA	NA	NA
Beryllium	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA
Cobalt	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA
Iron	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA	NA
Mercury	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA
Potassium	NA	NA	NA	NA	NA	NA	NA
Selenium	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA
Sodium	NA	NA	NA	NA	NA	NA	NA
Thallium	NA	NA	NA	NA	NA	NA	NA
Vanadium	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA
Percent Solids (%)							
Percent Solids	15.5	18.6	31.8	49.3	36.5	19.0	38.1
pH (pH Units)							
pH	NA	NA	NA	NA	NA	NA	NA
Specific Gravity							
Specific Gravity	NA	NA	NA	NA	NA	NA	NA

SIZE SEPARATION SAMPLE DATA

Sample ID: / Date Collected:	S4-HC-10-T=O>#80 8/23/2004	S4-HC-10-T=O>#200 8/23/2004	S4-HC-15->0.25" 8/20/2004	S4-HC-15-12F-UF<#200 8/30/2004	S4-HC-15-12F-UF>#20 8/30/2004	S4-HC-15-12F-UF>#40 8/30/2004	S4-HC-15-12F-UF>#60 8/30/2004
PCBs (mg/Kg)							
Aroclor-1016	1.3 U	0.61 U	2.5 U	2.5 U	2.4 U	0.82 U	0.29 U
Aroclor-1221	130	64	260	220	340	94	22
Aroclor-1232	1.3 U	0.61 U	2.5 U	2.5 U	2.4 U	0.82 U	0.29 U
Aroclor-1242	31	16	40	58	81	14	6.5
Aroclor-1248	1.3 U	0.61 U	2.5 U	2.5 U	2.4 U	0.82 U	0.29 U
Aroclor-1254	1.3 U	0.61 U	2.5 U	2.5 U	2.4 U	0.82 U	0.29 U
Aroclor-1260	1.3 U	0.61 U	2.5 U	2.5 U	2.4 U	0.82 U	0.29 U
Total PCBs	161	80	300	278	421	108	29
Atterberg Limits							
Liquid Limit	NA	NA	NA	NA	NA	NA	NA
Plastic Limit	NA	NA	NA	NA	NA	NA	NA
Plasticity Index	NA	NA	NA	NA	NA	NA	NA
TOC (mg/Kg)							
Total Organic Carbon	NA	NA	NA	NA	NA	NA	NA
TAL Metals (mg/Kg)							
Aluminum	NA	NA	NA	NA	NA	NA	NA
Antimony	NA	NA	NA	NA	NA	NA	NA
Arsenic	NA	NA	NA	NA	NA	NA	NA
Barium	NA	NA	NA	NA	NA	NA	NA
Beryllium	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA
Cobalt	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA
Iron	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA	NA
Mercury	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA
Potassium	NA	NA	NA	NA	NA	NA	NA
Selenium	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA
Sodium	NA	NA	NA	NA	NA	NA	NA
Thallium	NA	NA	NA	NA	NA	NA	NA
Vanadium	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA
Percent Solids (%)							
Percent Solids	49.5	55.6	44.9	42.8	47.4	77.4	73.9
pH (pH Units)							
pH	NA	NA	NA	NA	NA	NA	NA
Specific Gravity							
Specific Gravity	NA	NA	NA	NA	NA	NA	NA

TABLE 11
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

DRAFT
PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT
PREPARED AT THE REQUEST OF COUNSEL

SIZE SEPARATION SAMPLE DATA

Sample ID: / Date Collected:	S4-HC-15-12F-UF>#80 8/30/2004	S4-HC-15-12F-UF>#100 8/30/2004	S4-HC-15-12F-UF>#200 8/30/2004	S4-HC-15-T=0 8/25/2004	S4-HC-15-T=0<#200 8/26/2004	S4-HC-15-T=0>#20 8/26/2004	S4-HC-15-T=0>#40 8/26/2004
PCBs (mg/Kg)							
Aroclor-1016	0.11 U	0.15 U	0.15 U	3.7 U	2.9 U	4.6 U	3.0 U
Aroclor-1221	12	11	12	330	300	850	550
Aroclor-1232	0.11 U	0.15 U	0.15 U	3.7 U	2.9 U	4.6 U	3.0 U
Aroclor-1242	4.1	3.3	3.7	59	65	140	110
Aroclor-1248	0.11 U	0.15 U	0.15 U	3.7 U	2.9 U	4.6 U	3.0 U
Aroclor-1254	0.11 U	0.15 U	0.15 U	3.7 U	2.9 U	4.6 U	3.0 U
Aroclor-1260	0.11 U	0.15 U	0.15 U	3.7 U	2.9 U	4.6 U	3.0 U
Total PCBs	16	14	16	389	365	990	660
Atterberg Limits							
Liquid Limit	NA	NA	NA	NA	NA	NA	NA
Plastic Limit	NA	NA	NA	NA	NA	NA	NA
Plasticity Index	NA	NA	NA	NA	NA	NA	NA
TOC (mg/Kg)							
Total Organic Carbon	NA	NA	NA	NA	NA	NA	NA
TAL Metals (mg/Kg)							
Aluminum	NA	NA	NA	NA	NA	NA	NA
Antimony	NA	NA	NA	NA	NA	NA	NA
Arsenic	NA	NA	NA	NA	NA	NA	NA
Barium	NA	NA	NA	NA	NA	NA	NA
Beryllium	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA
Cobalt	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA
Iron	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA	NA
Mercury	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA
Potassium	NA	NA	NA	NA	NA	NA	NA
Selenium	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA
Sodium	NA	NA	NA	NA	NA	NA	NA
Thallium	NA	NA	NA	NA	NA	NA	NA
Vanadium	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA
Percent Solids (%)							
Percent Solids	75.1	72.6	72.3	30.0	38.1	23.8	35.7
pH (pH Units)							
pH	NA	NA	NA	NA	NA	NA	NA
Specific Gravity							
Specific Gravity	NA	NA	NA	NA	NA	NA	NA

SIZE SEPARATION SAMPLE DATA

Sample ID: / Date Collected:	S4-HC-15-T=0>#60 8/26/2004	S4-HC-15-T=0>#80 8/26/2004	S4-HC-15-T=0>#100 8/26/2004	S4-HC-15-T=0>#200 8/26/2004	S4-HC-15-T=F 8/26/2004	S4-HC-15-T=F<#200 8/26/2004	S4-HC-15-T=F>#200 8/26/2004	S4<#200 8/19/2004
PCBs (mg/Kg)								
Aroclor-1016	0.87 U	0.48 U	0.32 U	0.31 U	1.9 U	2.7 U	6.1 U	2.9 U
Aroclor-1221	89	47	31	29	200	310	690	400
Aroclor-1232	0.87 U	0.48 U	0.32 U	0.31 U	1.9 U	2.7 U	6.1 U	2.9 U
Aroclor-1242	23	12	8.5	7.5	41	71	150	76
Aroclor-1248	0.87 U	0.48 U	0.32 U	0.31 U	1.9 U	2.7 U	6.1 U	2.9 U
Aroclor-1254	0.87 U	0.48 U	0.32 U	0.31 U	1.9 U	2.7 U	6.1 U	2.9 U
Aroclor-1260	0.87 U	0.48 U	0.32 U	0.31 U	1.9 U	2.7 U	6.1 U	2.9 U
Total PCBs	112	59	40	37	241	381	840	476
Atterberg Limits								
Liquid Limit	NA	NA	NA	NA	NA	NA	NA	NA
Plastic Limit	NA	NA	NA	NA	NA	NA	NA	NA
Plasticity Index	NA	NA	NA	NA	NA	NA	NA	NA
TOC (mg/Kg)								
Total Organic Carbon	NA	NA	NA	NA	NA	NA	NA	NA
TAL Metals (mg/Kg)								
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	NA	NA	NA	NA	NA	NA	NA	NA
Barium	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids (%)								
Percent Solids	63.4	65.9	66.9	67.0	34.3	27.7	18.1	38.6
pH (pH Units)								
pH	NA	NA	NA	NA	NA	NA	NA	6.04
Specific Gravity								
Specific Gravity	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 11
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

DRAFT
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ATTORNEY WORK PRODUCT
PREPARED AT THE REQUEST OF COUNSEL

SIZE SEPARATION SAMPLE DATA

Sample ID: / Date Collected:	S4<#200 8/20/2004	S4<#200-DUP 8/20/2004	S4>#10 8/20/2004	S4>#10-DUP 8/20/2004	S4>#20 8/20/2004	S4>#20-DUP 8/20/2004	S4>#40 8/20/2004	S4>#40-DUP 8/20/2004	S4>#60 8/20/2004
PCBs (mg/Kg)									
Aroclor-1016	NA	0.31 U	2.0 U	1.6 U	3.7 U	2.0 U	2.9 U	2.0 U	0.90 U
Aroclor-1221	NA	45	280	200	530	270	460	190	92
Aroclor-1232	NA	0.31 U	2.0 U	1.6 U	3.7 U	2.0 U	2.9 U	2.0 U	0.90 U
Aroclor-1242	NA	10	39	21	99	40	97	38	24
Aroclor-1248	NA	0.31 U	2.0 U	1.6 U	3.7 U	2.0 U	2.9 U	2.0 U	0.90 U
Aroclor-1254	NA	0.31 U	2.0 U	1.6 U	3.7 U	2.0 U	2.9 U	2.0 U	0.90 U
Aroclor-1260	NA	0.31 U	2.0 U	1.6 U	3.7 U	2.0 U	2.9 U	2.0 U	0.90 U
Total PCBs	NA	55	319	221	629	310	557	228	116
Atterberg Limits									
Liquid Limit	NA	NA	NA	NA	NA	NA	NA	NA	0
Plastic Limit	NA	NA	NA	NA	NA	NA	NA	NA	0
Plasticity Index	NA	NA	NA	NA	NA	NA	NA	NA	0
TOC (mg/Kg)									
Total Organic Carbon	NA	NA	NA	NA	NA	NA	NA	NA	NA
TAL Metals (mg/Kg)									
Aluminum	19,800	20,300	4,280	NA	3,390	NA	4,020	NA	5,360
Antimony	3.70 NE	2.70 NE	0.800 NE	NA	1.20 NE	NA	1.00 NE	NA	2.60 NE
Arsenic	3.90 NE*	4.20 NE*	2.80 NE*	NA	1.80 NE*	NA	1.60 NE*	NA	1.80 NE*
Barium	186	163	73.6	NA	71.8	NA	62.3	NA	74.7
Beryllium	0.820	0.890	0.280	NA	0.280 X	NA	0.300	NA	0.340
Cadmium	35.5 E*	26.4 E*	2.10 E*	NA	4.20 E*	NA	9.40 E*	NA	18.0 E*
Calcium	3,820	4,230	2,150	NA	2,380	NA	2,180	NA	2,130
Chromium	773	634	95.1	NA	155	NA	139	NA	192
Cobalt	10.4	10.6	4.60	NA	5.40	NA	6.40	NA	7.50
Copper	109	104	19.8	NA	26.4	NA	39.7	NA	29.2
Iron	21,300	22,400	8,840	NA	7,120	NA	7,580	NA	9,580
Lead	809	661	67.4	NA	124	NA	114	NA	136
Magnesium	4,150	4,360	1,790	NA	1,170	NA	1,520	NA	2,160
Manganese	223 N	246 N	88.3 N	NA	96.9 N	NA	77.8 N	NA	89.0 N
Mercury	5.40	3.60	0.240	NA	0.460	NA	0.460	NA	0.300
Nickel	28.1	28.6	9.00	NA	8.80	NA	10.3	NA	12.3
Potassium	1,520	1,650	586	NA	373	NA	537	NA	763
Selenium	1.40	1.30	0.390 X	NA	0.440 X	NA	0.500 X	NA	0.590 X
Silver	0.900	0.840	0.120 X	NA	0.0680 X	NA	0.0700 X	NA	0.200 X
Sodium	206 E	222 E	99.2 E	NA	116 E	NA	102 E	NA	122 E
Thallium	0.220 X	0.180 X	0.140 X	NA	0.120 X	NA	0.110 X	NA	0.140 X
Vanadium	65.8 E	62.2 E	20.0 E	NA	22.9 E	NA	24.2 E	NA	25.3 E
Zinc	490 NE	473 NE	86.5 NE	NA	118 NE	NA	123 NE	NA	150 NE
Percent Solids (%)									
Percent Solids	42.7	36.6	57.5	43.0	30.1	37.1	39.4	54.4	61.6
pH (pH Units)									
pH	NA	NA	5.97	NA	6.14	NA	5.56	NA	6.12
Specific Gravity									
Specific Gravity	2.42	2.51	NA	NA	NA	NA	NA	NA	2.44

TABLE 11
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

DRAFT
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ATTORNEY WORK PRODUCT
PREPARED AT THE REQUEST OF COUNSEL

SIZE SEPARATION SAMPLE DATA

Sample ID: / Date Collected:	S4>#60-DUP 8/20/2004	S4>#80 8/20/2004	S4>#100 8/20/2004	S4>#200 8/19/2004	S4>#200 8/20/2004	S4B #10-200 7/27/2004	S4B<#200 7/27/2004	S4B>#10 7/27/2004	S4B>#20 7/27/2004
PCBs (mg/Kg)									
Aroclor-1016	0.95 U	0.59 U	0.44 U	0.31 U	NA	NA	2.6 U	7.8 U	8.2 U
Aroclor-1221	94	60	38	38	NA	NA	380	1,300	1,400
Aroclor-1232	0.95 U	0.59 U	0.44 U	0.31 U	NA	NA	2.6 U	7.8 U	8.2 U
Aroclor-1242	20	16	10	8.8	NA	NA	47	160	170
Aroclor-1248	0.95 U	0.59 U	0.44 U	0.31 U	NA	NA	2.6 U	7.8 U	8.2 U
Aroclor-1254	0.95 U	0.59 U	0.44 U	0.31 U	NA	NA	2.6 U	7.8 U	8.2 U
Aroclor-1260	0.95 U	0.59 U	0.44 U	0.31 U	NA	NA	38 U	7.8 U	150 U
Total PCBs	114	76	48	47	NA	NA	465	1,460	1,720
Atterberg Limits									
Liquid Limit	NA	0	0	NA	0	NA	NA	NA	NA
Plastic Limit	NA	0	0	NA	0	NA	NA	NA	NA
Plasticity Index	NA	0	0	NA	0	NA	NA	NA	NA
TOC (mg/Kg)									
Total Organic Carbon	NA	NA	NA	NA	NA	160,000	NA	NA	NA
TAL Metals (mg/Kg)									
Aluminum	NA	4,080	3,440	4,510	NA	NA	15,000	4,600	5,170
Antimony	NA	0.440 NE	0.250 XNE	0.490 NE	NA	NA	5.30	9.80	5.50
Arsenic	NA	0.580 NE*	0.790 NE*	3.50 NE*	NA	NA	4.60 *	3.70 *	5.00 *
Barium	NA	32.4	26.9	38.9	NA	NA	139 *	93.0 *	116 *
Beryllium	NA	0.320	0.270	0.280	NA	NA	0.600	0.250 X	0.280 X
Cadmium	NA	6.30 E*	2.70 E*	4.40 E*	NA	NA	39.2	17.7	28.0
Calcium	NA	1,540	1,780	3,040	NA	NA	5,580	4,480	5,820
Chromium	NA	60.2	45.6	131	NA	NA	569 *	382 *	533 *
Cobalt	NA	4.50	4.20	5.60	NA	NA	8.00	6.10	9.20
Copper	NA	15.5	14.4	24.3	NA	NA	84.6 *	41.0 *	244 *
Iron	NA	6,120	5,480	7,340	NA	NA	18,400	11,700	14,200
Lead	NA	52.9	35.8	75.1	NA	NA	733 *	288 *	408 *
Magnesium	NA	1,410	1,250	1,660	NA	NA	3,530	980	1,040
Manganese	NA	50.5 N	45.6 N	70.2 N	NA	NA	187 N	118 N	144 N
Mercury	NA	0.160	0.120	0.260	NA	NA	5.50	1.50	2.40
Nickel	NA	7.40	6.60	13.8	NA	NA	21.3	11.6	16.4
Potassium	NA	477	381	542	NA	NA	1,290	533	521
Selenium	NA	0.390 X	0.360 X	0.520 X	NA	NA	2.10	1.40 X	1.70 X
Silver	NA	0.0390 X	0.0280 X	0.0610 X	NA	NA	1.00	0.270 X	0.350 X
Sodium	NA	156 E	125 E	139 E	NA	NA	269	391	489
Thallium	NA	0.0750 X	0.0550 X	0.0660 X	NA	NA	0.200 X	0.160 X	0.220 X
Vanadium	NA	9.80 E	7.40 E	11.3 E	NA	NA	67.9 E*	74.6 E*	97.9 E*
Zinc	NA	65.1 NE	50.1 NE	79.6 NE	NA	NA	550 E*	297 E*	595 E*
Percent Solids (%)									
Percent Solids	58.8	54.4	52.3	73.4	NA	28.8	40.5	13.7	13.2
pH (pH Units)									
pH	NA	5.96	5.82	4.59	NA	NA	5.73	5.26	5.17
Specific Gravity									
Specific Gravity	NA	2.63	2.77	NA	2.77	NA	2.39	NA	NA

TABLE 11
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

SIZE SEPARATION SAMPLE DATA

Sample ID: / Date Collected:	S4B>#40 7/27/2004	S4B>#40 & #60 COMP 7/27/2004	S4B>#60 7/27/2004	S4B>#80 7/27/2004	S4B>#80 & #100 COMP 7/27/2004	S4B>#100 7/27/2004	S4B>#200 7/27/2004
PCBs (mg/Kg)							
Aroclor-1016	12 U	NA	5.9 U	4.1 U	NA	3.1 U	1.8 U
Aroclor-1221	1,400	NA	1,200	700	NA	420	250
Aroclor-1232	12 U	NA	5.9 U	4.1 U	NA	3.1 U	1.8 U
Aroclor-1242	200	NA	180	120	NA	73	40
Aroclor-1248	12 U	NA	5.9 U	4.1 U	NA	3.1 U	1.8 U
Aroclor-1254	12 U	NA	5.9 U	4.1 U	NA	3.1 U	1.8 U
Aroclor-1260	12 U	NA	19 U	23 U	NA	12 U	16 U
Total PCBs	1,600	NA	1,399	843	NA	505	306
Atterberg Limits							
Liquid Limit	NA	NA	NA	NA	NA	NA	0
Plastic Limit	NA	NA	NA	NA	NA	NA	0
Plasticity Index	NA	NA	NA	NA	NA	NA	0
TOC (mg/Kg)							
Total Organic Carbon	NA	NA	NA	NA	NA	NA	NA
TAL Metals (mg/Kg)							
Aluminum	3,850	NA	4,820	3,560	NA	4,360	5,610
Antimony	8.10	NA	7.90	4.70	NA	2.80	1.80
Arsenic	3.40 *	NA	3.50	1.90 *	NA	1.90 *	1.80 *
Barium	90.3 *	NA	102	62.7 *	NA	60.4 *	59.7 *
Beryllium	0.220 X	NA	0.290 X	0.380	NA	0.230 X	0.330
Cadmium	85.4	NA	117	80.2	NA	52.1	18.9
Calcium	4,660	NA	5,070	3,060	NA	2,620	3,080
Chromium	425 *	NA	455	266 *	NA	200 *	197 *
Cobalt	6.60	NA	7.70	5.20	NA	5.50	5.90
Copper	59.9 *	NA	65.2	36.1 *	NA	34.3 *	41.5 *
Iron	9,190	NA	10,400	6,820	NA	7,230	9,040
Lead	351 *	NA	400	234 *	NA	179 *	171 *
Magnesium	828	NA	1,290	1,080	NA	1,400	1,940
Manganese	95.5 N	NA	106	68.1 N	NA	65.3 N	72.5 N
Mercury	2.10	NA	1.80	2.60	NA	0.920	0.670
Nickel	12.2	NA	14.3	10.0	NA	11.2	11.9
Potassium	431	NA	528	400	NA	494	598
Selenium	1.20 X	NA	1.60 X	1.10 X	NA	1.10 X	1.20
Silver	0.370 X	NA	0.370 X	0.230 X	NA	0.150 X	0.160 X
Sodium	284	NA	320	260	NA	308	311
Thallium	0.140 X	NA	0.220 X	0.110 X	NA	0.130 X	0.140 X
Vanadium	67.6 E*	NA	73.8	45.7 E*	NA	39.9 E*	36.4 E*
Zinc	400 E*	NA	423	237 E*	NA	211 E*	170 E*
Percent Solids (%)							
Percent Solids	18.1	NA	18.6	26.7	NA	34.3	47.2
pH (pH Units)							
pH	5.20	NA	5.31	5.30	NA	5.41	5.60
Specific Gravity							
Specific Gravity	NA	1.78	NA	NA	2.16	NA	2.52

TABLE 11
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

SIZE SEPARATION SAMPLE DATA

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. (BBL), and were submitted to Severn Trent Laboratories, Inc. (Pittsburgh and Burlington) and Northeast Analytical Services, Inc. for analysis.
2. U = Indicates the constituent was not detected. The value preceding the U indicates the laboratory quantitation limit.
3. As specified in the *Treatability Studies Work Plan* (BBL, 2004), data validation was performed on approximately 10% of the analytical data set.
4. Results are presented in dry weight.
5. mg/Kg = milligrams per kilogram.
6. NA - Not analyzed.
7. Laboratory Data Qualifiers:

   Inorganics (TAL Metals)
   - B - Indicates an estimated value between the instrument detection limit and practical quantitation limit (PQL).
   - E - Matrix interference.
   - N - Indicates sample matrix spike analysis was outside control limits.
   - X - Method blank contamination.
   - * - Serial dilution results not within 10%. Applicable only if analyte concentration is at least 50X the IDL in original sample

TABLE 12
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

ADDITIONAL SIZE SEPARATION SAMPLE DATA

Sample ID: / Date Collected:	S4-HC-10-T=0 8/19/2004	S4-HC-10-T=F 8/19/2004	S4-HC-15-T=0 8/25/2004	S4-HC-15-T=F 8/26/2004
Soil Classification (% of Total Sample)				
Gravel	0.0	0.0	0.0	0.0
Sand	16.5	10.7	40.6	20.2
Coarse Sand	0.0	0.0	0.0	0.0
Medium Sand	1.0	1.1	1.7	0.6
Fine Sand	15.5	9.6	38.9	19.6
Silt	67.7	29.6	25.9	24.4
Clay	15.8	59.7	33.6	55.4
Finer than #200	74.2	88.2	67.1	68.8
Grain Size - Hydrometer (% Finer/Particle Size um)				
HYD01	24.5 / 34	88.2 / 35	52.3 / 32	75.3 / 34
HYD02	23.2 / 22	82.5 / 22	47.2 / 21	72.4 / 21
HYD03	20.7 / 12.6	76.8 / 12.9	42.1 / 12.1	66.7 / 12.4
HYD04	17.0 / 9.1	71.1 / 9.0	37.0 / 8.7	63.9 / 8.7
HYD05	15.8 / 6.5	59.7 / 6.6	33.6 / 6.4	55.4 / 6.5
HYD06	9.5 / 3.2	47.4 / 3.2	24.5 / 3.2	44.0 / 3.3
HYD07	7.0 / 1.4	36.0 / 1.4	19.1 / 1.4	30.1 / 1.4
Grain Size - Sieve (% Finer)				
#10/2 mm	100.0	100.0	100.0	100.0
#20/0.85 mm	99.8	99.6	99.7	100.0
#40/0.425 mm	99.0	98.9	98.3	99.4
#60/0.25 mm	97.5	97.9	95.4	97.6
#80/0.18 mm	94.2	96.6	89.3	93.6
#100/0.15 mm	92.0	95.3	84.2	89.7
#200/0.075 mm	83.5	89.3	59.4	79.8

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. (BBL), and were submitted to Severn Trent Laboratories, Inc. (Pittsburgh and Burlington) and Northeast Analytical Services, Inc. for analysis.
2. As specified in the *Treatability Studies Work Plan* (BBL, 2004), data validation was performed on approximately 10% of the analytical data set.
3. um = micrometer and mm = millimeter.

TABLE 13
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

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PREPARED AT THE REQUEST OF COUNSEL

HYDROCYCLONE WATER SAMPLE DATA

Sample ID	Date Collected	Aroclor-1221 (mg/L)	Aroclor-1242 (mg/L)	Aroclor-1016, -1232, -1248, -1254, -1260 (mg/L)	Total PCBs (mg/L)	Total Organic Carbon (mg/L)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)
S2-2-HC-15-1-F-<400	12/27/2004	0.034 B	0.0017 U	0.0017 U	0.034	12.0	108	2,930
S2-2-HC-15-1-OF	12/16/2004	NA	NA	NA	NA	NA	NA	30,800
S2-2-HC-15-1-UF-<400	12/27/2004	0.021 B	0.0010 U	0.0010 U	0.021	9.07	150	1,240
S2-2-HC-15-2-F-<400	12/29/2004	0.028	0.0012 U	0.0012 U	0.028	12.8	191	4,200
S2-2-HC-15-2-OF	12/16/2004	NA	NA	NA	NA	NA	NA	32,600
S2-2-HC-15-2-UF-<400	1/3/2005	0.016	0.00083 U	0.00083 U	0.016	17.9	146	1,360
S2-2-HC-25-1-F-<400	12/16/2004	0.028 B	0.0012 U	0.0012 U	0.028	14.6	176	8,240
S2-2-HC-25-1-OF	12/15/2004	NA	NA	NA	NA	NA	NA	52,300
S2-2-HC-25-1-T=0-<400	12/15/2004	0.042 B	0.0021 U	0.0021 U	0.042	30.4	170	6,170
S2-2-HC-25-1-UF-<400	12/17/2004	0.044 B	0.0021 U	0.0021 U	0.044	26.2	155	1,510
S2-2-HC-25-2-F-<400	12/27/2004	0.024	0.0010 U	0.0010 U	0.024	14.1	170	7,470
S2-2-HC-25-2-OF	12/15/2004	NA	NA	NA	NA	NA	NA	54,200
S2-2-HC-25-2-UF-<400	12/29/2004	0.018	0.00083 U	0.00083 U	0.018	11.5	161	2,410
S2-2-HC-25-3-F-<400	12/28/2004	0.038	0.0021 U	0.0021 U	0.038	15.1	239	7,370
S2-2-HC-25-3-OF	12/15/2004	NA	NA	NA	NA	NA	NA	65,500
S2-2-HC-25-3-UF-<400	12/28/2004	0.10	0.014	0.0042 U	0.11	17.9	152	2,620
S3-3-01-<400	12/14/2004	0.045 B	0.0021 U	0.0021 U	0.045	12.6	158	7,180
S3-4-HC-15-1-F-<400	12/27/2004	0.036 B	0.0017 U	0.0017 U	0.036	11.4	134	5,860
S3-4-HC-15-1-OF	12/16/2004	NA	NA	NA	NA	NA	NA	48,600
S3-4-HC-15-1-UF-<400	12/27/2004	0.042 B	0.0021 U	0.0021 U	0.042	11.8	145	2,520
S3-4-HC-15-T=0-<400	12/27/2004	0.042 B	0.0021 U	0.0021 U	0.042	16.8	146	5,160
S3-4-HC-25-1-F-<400	12/20/2004	0.017 B	0.00089 J	0.00083 U	0.018 J	19.4	159	7,940
S3-4-HC-25-1-OF	12/16/2004	NA	NA	NA	NA	NA	NA	119,000
S3-4-HC-25-1-UF-<400	12/21/2004	0.029 B	0.0012 U	0.0012 U	0.029	22.3	131	1,230
S3-4-HC-25-2-F-<400	12/20/2004	0.031	0.0012 U	0.0012 U	0.031	13.9	164	2,200
S3-4-HC-25-2-OF	12/16/2004	NA	NA	NA	NA	NA	NA	111,000
S3-4-HC-25-2-UF-<400	12/21/2004	0.025 B	0.0012 U	0.0012 U	0.025	11.2	182	1,440
S3-4-HC-25-3-F-<400	1/3/2005	0.053	0.0021 U	0.0021 U	0.053	17.4	158	12,800
S3-4-HC-25-3-OF	12/15/2004	NA	NA	NA	NA	NA	NA	205,000
S3-4-HC-25-3-UF-<400	1/3/2005	0.043	0.0021 U	0.0021 U	0.043	16.1	141	5,820
S3-4-HC-25-4-OF	12/16/2004	NA	NA	NA	NA	NA	NA	42,900
S3-4-HC-25-4-UF-<400	12/27/2004	0.027 B	0.0012 U	0.0012 U	0.027	11.5	146	2,290
S4A-1-<400	12/15/2004	0.024 B	0.0012 U	0.0012 U	0.024	13.2	152	5,280
S4-HC-10-1-UF	8/19/2004	3.8 B	0.36	0.12 U	4.2	NA	NA	1,320
S4-HC-10-2-UF	8/19/2004	3.7 B	0.38	0.12 U	4.1	NA	NA	1,150
S4-HC-10-3-UF	8/19/2004	3.9 B	0.39	0.12 U	4.3	NA	NA	1,420
S4-HC-10-4-UF	8/19/2004	3.9 B	0.46	0.12 U	4.4	NA	NA	1,800
S4-HC-10-5-UF	8/19/2004	3.4 B	0.41	0.12 U	3.8	NA	NA	1,690
S4-HC-10-6-UF	8/19/2004	4.3 B	0.64	0.15 U	4.9	NA	NA	1,870
S4-HC-10-7-UF	8/19/2004	3.4 B	0.44	0.12 U	3.8	NA	NA	1,410
S4-HC-10-8-UF	8/19/2004	3.6 B	0.48	0.12 U	4.1	NA	NA	2,400
S4-HC-10-9-OF	8/19/2004	NA	NA	NA	NA	NA	NA	25,100
S4-HC-10-9-UF	8/19/2004	3.6 B	0.54 B	0.10 U	4.1	NA	NA	1,820
S4-HC-10-10-OF	8/19/2004	NA	NA	NA	NA	NA	NA	28,100
S4-HC-10-10-UF	8/19/2004	2.9 B	0.47 B	0.083 U	3.4	NA	NA	1,980
S4-HC-10-11-OF	8/19/2004	NA	NA	NA	NA	NA	NA	30,600
S4-HC-10-11-UF	8/19/2004	3.4 B	0.48 B	0.10 U	3.9	NA	NA	1,780

TABLE 13
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

HYDROCYCLONE WATER SAMPLE DATA

Sample ID	Date Collected	Aroclor-1221 (mg/L)	Aroclor-1242 (mg/L)	Aroclor-1016, -1232, -1248, -1254, -1260 (mg/L)	Total PCBs (mg/L)	Total Organic Carbon (mg/L)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)
S4-HC-10-12-OF	8/19/2004	NA	NA	NA	NA	NA	NA	32,800
S4-HC-10-12-OF-DUP	8/19/2004	NA	NA	NA	NA	NA	NA	33,800
S4-HC-10-12-UF	8/19/2004	2.5 B	0.35 B	0.083 U	2.9	NA	NA	3,040
S4-HC-10-12-UF-DUP	8/19/2004	3.6 B	0.59 B	0.10 U	4.2	NA	NA	1,910
S4-HC-15-01-OF	8/26/2004	NA	NA	NA	NA	NA	NA	44,300
S4-HC-15-01-UF	8/26/2004	2.9 B	0.45	0.083 U	3.4	NA	NA	2,450
S4-HC-15-02-OF	8/26/2004	NA	NA	NA	NA	NA	NA	37,500
S4-HC-15-02-UF	8/26/2004	2.0 B	0.30	0.062 U	2.3	NA	NA	1,600
S4-HC-15-03-OF	8/25/2004	NA	NA	NA	NA	NA	NA	74,300
S4-HC-15-03-UF	8/25/2004	3.1 B	0.39	0.10 U	3.5	NA	NA	2,520
S4-HC-15-04-OF	8/25/2004	NA	NA	NA	NA	NA	NA	82,900
S4-HC-15-04-UF	8/25/2004	3.4 B	0.39	0.12 U	3.8	NA	NA	3,170
S4-HC-15-05-OF	8/25/2004	NA	NA	NA	NA	NA	NA	76,200
S4-HC-15-05-UF	8/25/2004	3.6 B	0.36	0.12 U	4.0	NA	NA	5,340
S4-HC-15-06-OF	8/25/2004	NA	NA	NA	NA	NA	NA	68,200
S4-HC-15-06-UF	8/25/2004	5.8 B	0.63	0.21 U	6.4	NA	NA	3,100
S4-HC-15-07-OF	8/25/2004	NA	NA	NA	NA	NA	NA	53,600
S4-HC-15-07-UF	8/25/2004	3.2 B	0.35	0.10 U	3.6	NA	NA	2,050
S4-HC-15-08-OF	8/25/2004	NA	NA	NA	NA	NA	NA	74,200
S4-HC-15-08-UF	8/25/2004	2.5 B	0.29	0.083 U	2.8	NA	NA	2,000
S4-HC-15-09-OF	8/25/2004	NA	NA	NA	NA	NA	NA	47,800
S4-HC-15-09-UF	8/25/2004	3.2 B	0.35	0.12 U	3.6	NA	NA	1,750
S4-HC-15-10-OF	8/25/2004	NA	NA	NA	NA	NA	NA	58,900
S4-HC-15-10-UF	8/25/2004	2.5 B	0.30	0.083 U	2.8	NA	NA	2,150
S4-HC-15-11-OF	8/25/2004	NA	NA	NA	NA	NA	NA	47,800
S4-HC-15-11-OF-DUP	8/25/2004	NA	NA	NA	NA	NA	NA	52,200
S4-HC-15-11-UF	8/25/2004	3.7 B	0.61	0.12 U	4.3	NA	NA	1,930
S4-HC-15-11-UF-DUP	8/25/2004	5.3 B	0.63	0.21 U	5.9	NA	NA	3,160
S4-HC-15-12-OF	8/25/2004	NA	NA	NA	NA	NA	NA	38,600
S4-HC-15-12-OF-FINAL	8/29/2004	NA	NA	NA	NA	23.8	NA	47,700
S4-HC-15-12-UF	8/25/2004	3.2 B	0.44	0.10 U	3.6	NA	NA	1,460
S4-HC-15-13-OF	8/26/2004	NA	NA	NA	NA	NA	NA	33,600
S4-HC-15-13-UF	8/26/2004	2.7 B	0.38	0.10 U	3.1	NA	NA	2,620
S4-HC-15-14-OF	8/26/2004	NA	NA	NA	NA	NA	NA	39,700
S4-HC-15-14-UF	8/26/2004	2.3 B	0.37	0.083 U	2.7	NA	NA	2,800

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. (BBL), and were submitted to Northeast Analytical Services, Inc. for analysis.
2. U = Indicates the constituent was not detected. The value preceding the U indicates the laboratory quantitation limit.
3. As specified in the *Treatability Studies Work Plan* (BBL, 2004), data validation was performed on approximately 10% of the analytical data set.
4. NA - Not analyzed.
5. mg/L = milligrams per liter.
6. Laboratory Data Qualifiers:
   Organics (PCBs)
   B - Analyte was also detected in the associated method blank.

TABLE 14
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

DRAFT
PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT
PREPARED AT THE REQUEST OF COUNSEL

HYDROCYCLONE SAMPLE DATA

Sample ID	Date Collected	Aroclor-1221 (mg/Kg)	Aroclor-1242 (mg/Kg)	Aroclor-1254 (mg/Kg)	Aroclor-1016, -1232, -1248, -1260 (mg/Kg)	Total PCBs (mg/Kg)	Total Organic Carbon (mg/Kg)	Percent Solids (%)
S2-2-HC-15-1-F	12/16/2004	26	5.4	0.26 U	0.26 U	31	20,000	66.3
S2-2-HC-15-1-F-<400	12/27/2004	130	31	1.5 U	1.5 U	160	82,000	45.5
S2-2-HC-15-1-F->40	12/27/2004	72	19	0.76 U	0.76 U	91	320,000	42.6
S2-2-HC-15-1-F-40-60	12/27/2004	35	9.2	0.31 U	0.31 U	44	100,000	67.7
S2-2-HC-15-1-F-60-100	12/27/2004	6.4	1.9	0.071 U	0.071 U	8.3	1,400	75.3
S2-2-HC-15-1-F-100-200	12/27/2004	6.2	1.7	0.069 U	0.069 U	7.9	4,200	75.8
S2-2-HC-15-1-F-200-400	12/27/2004	20	5.0	0.16 U	0.16 U	25	12,000	67.3
S2-2-HC-15-1-OF	12/16/2004	86	14	0.64 U	0.64 U	100	NA	34.4
S2-2-HC-15-1-OF->200	12/27/2004	190	39	2.1 U	2.1 U	230	NA	30.8
S2-2-HC-15-1-UF	12/16/2004	17	4.0	0.14 U	0.14 U	21	19,000	79.3
S2-2-HC-15-1-UF-<400	12/27/2004	65	19	0.90 U	0.90 U	84	62,000	40.7
S2-2-HC-15-1-UF->40	12/27/2004	99	26	1.0 U	1.0 U	130	360,000	54.3
S2-2-HC-15-1-UF-40-60	12/27/2004	35	10	0.31 U	0.31 U	45	10,000	70.2
S2-2-HC-15-1-UF-60-100	12/27/2004	4.9	1.5	0.058 U	0.058 U	6.4	1,900	76.6
S2-2-HC-15-1-UF-100-200	12/27/2004	2.6	0.90	0.028 U	0.028 U	3.5	1,700	78.0
S2-2-HC-15-1-UF-200-400	12/27/2004	4.8	1.6	0.057 U	0.057 U	6.4	3,800	77.4
S2-2-HC-15-2-F	12/16/2004	24	5.0	0.24 U	0.24 U	29	17,000	68.4
S2-2-HC-15-2-F-<400	12/29/2004	98	22	0.64 U	0.64 U	120	88,000	33.7
S2-2-HC-15-2-F->40	12/29/2004	85	20	0.85 U	0.85 U	110	110,000	56.6
S2-2-HC-15-2-F-40-60	12/29/2004	29	7.8	0.33 U	0.33 U	37	25,000	73.4
S2-2-HC-15-2-F-60-100	12/29/2004	6.9	2.0	0.079 U	0.079 U	8.9	15,000	75.7
S2-2-HC-15-2-F-100-200	12/29/2004	6.8	1.9	0.081 U	0.081 U	8.7	8,400	75.6
S2-2-HC-15-2-F-200-400	12/29/2004	26	6.3	0.20 U	0.20 U	32	20,000	63.8
S2-2-HC-15-2-OF	12/16/2004	220	34	1.8 U	1.8 U	250	NA	18.1
S2-2-HC-15-2-OF->200	12/27/2004	360	64	3.7 U	3.7 U	420	NA	20.2
S2-2-HC-15-2-UF	12/16/2004	22	5.9	0.14 U	0.14 U	28	19,000	79.5
S2-2-HC-15-2-UF-<400	1/3/2005	76	19	0.86 U	0.86 U	95	68,000	28.6
S2-2-HC-15-2-UF->40	1/3/2005	79	22	0.71 U	0.71 U	100	170,000	62.1
S2-2-HC-15-2-UF-40-60	1/3/2005	34	9.8	0.30 U	0.30 U	44	30,000	71.2
S2-2-HC-15-2-UF-60-100	1/3/2005	3.9	1.2	0.042 U	0.042 U	5.1	4,900	76.5
S2-2-HC-15-2-UF-100-200	1/3/2005	3.2	1.1	0.027 U	0.027 U	4.3	3,300	78.5
S2-2-HC-15-2-UF-200-400	1/3/2005	4.3	1.4	0.044 U	0.044 U	5.7	4,500	77.6
S2-2-HC-25-1-F	12/15/2004	29	4.9	0.21 U	0.21 U	34	37,000	52.8
S2-2-HC-25-1-F-<400	12/14/2004	200	41	1.4 U	1.4 U	240	98,000	42.0
S2-2-HC-25-1-F->40	12/16/2004	220	50	1.6 U	1.6 U	270	270,000	35.7
S2-2-HC-25-1-F-40-60	12/16/2004	59	17	0.52 U	0.52 U	76	150,000	65.2
S2-2-HC-25-1-F-60-100	12/16/2004	7.5	2.4	0.061 U	0.061 U	9.9	11,000	74.7
S2-2-HC-25-1-F-100-200	12/16/2004	8.4	2.4	0.084 U	0.084 U	11	33,000	75.4
S2-2-HC-25-1-F-200-400	12/16/2004	41	10	0.31 U	0.31 U	51	30,000	68.4
S2-2-HC-25-1-OF	12/15/2004	39	8.7	0.26 U	0.26 U	48	NA	42.9
S2-2-HC-25-1-OF->200	12/27/2004	270	55	2.4 U	2.4 U	330	NA	31.5
S2-2-HC-25-1-T=0	12/14/2004	75	14	0.49 U	0.49 U	89	81,000	44.9
S2-2-HC-25-1-T=0-<400	12/14/2004	200	38	2.2 U	2.2 U	240	120,000	40.7

TABLE 14
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

HYDROCYCLONE SAMPLE DATA

Sample ID	Date Collected	Aroclor-1221 (mg/Kg)	Aroclor-1242 (mg/Kg)	Aroclor-1254 (mg/Kg)	Aroclor-1016, -1232, -1248, -1260 (mg/Kg)	Total PCBs (mg/Kg)	Total Organic Carbon (mg/Kg)	Percent Solids (%)
S2-2-HC-25-1-T=0->40	12/15/2004	160	40	1.4 U	1.4 U	200	300,000	39.1
S2-2-HC-25-1-T=0-40-60	12/15/2004	61	18	0.35 U	0.35 U	79	120,000	63.9
S2-2-HC-25-1-T=0-60-100	12/15/2004	12	3.4	0.10 U	0.10 U	15	13,000	72.9
S2-2-HC-25-1-T=0-100-200	12/15/2004	15	3.8	0.17 U	0.17 U	19	15,000	64.5
S2-2-HC-25-1-T=0-200-400	12/15/2004	53	12	0.38 U	0.38 U	65	38,000	57.3
S2-2-HC-25-1-UF	12/15/2004	15	3.7	0.16 U	0.16 U	19	21,000	70.3
S2-2-HC-25-1-UF-<400	12/17/2004	100	29	0.60 U	0.60 U	130	95,000	38.4
S2-2-HC-25-1-UF->40	12/17/2004	180	49	1.4 U	1.4 U	230	250,000	50.4
S2-2-HC-25-1-UF-40-60	12/17/2004	49	14	0.46 U	0.46 U	63	58,000	69.8
S2-2-HC-25-1-UF-60-100	12/17/2004	4.8	1.6	0.059 U	0.059 U	6.4	3,900	76.5
S2-2-HC-25-1-UF-100-200	12/17/2004	3.4	1.1	0.041 U	0.041 U	4.5	3,500	78.4
S2-2-HC-25-1-UF-200-400	12/17/2004	9.6	2.9	0.081 U	0.081 U	13	18,000	78.5
S2-2-HC-25-2-F	12/15/2004	46	8.2	0.35 U	0.35 U	54	55,000	62.9
S2-2-HC-25-2-F-<400	12/27/2004	120	27	1.2 U	1.2 U	150	74,000	33.9
S2-2-HC-25-2-F->40	12/27/2004	150	36	1.4 U	1.4 U	190	360,000	42.6
S2-2-HC-25-2-F-40-60	12/27/2004	52	14	0.54 U	0.54 U	66	140,000	69.9
S2-2-HC-25-2-F-60-100	12/27/2004	6.3	1.9	0.064 U	0.064 U	8.2	16,000	75.8
S2-2-HC-25-2-F-100-200	12/27/2004	7.8	2.2	0.089 U	0.089 U	10	13,000	78.1
S2-2-HC-25-2-F-200-400	12/27/2004	28	6.6	0.36 U	0.36 U	35	30,000	66.6
S2-2-HC-25-2-OF	12/15/2004	63	15	0.41 U	0.41 U	78	NA	27.3
S2-2-HC-25-2-OF->200	12/27/2004	290	62	2.6 U	2.6 U	350	NA	29.1
S2-2-HC-25-2-UF	12/15/2004	24	6.2	0.16 U	0.16 U	30	51,000	72.3
S2-2-HC-25-2-UF-<400	12/29/2004	59	15	0.61 U	0.61 U	74	66,000	36.8
S2-2-HC-25-2-UF->40	12/27/2004	160	41	1.5 U	1.5 U	200	320,000	49.8
S2-2-HC-25-2-UF-40-60	12/27/2004	54	15	0.53 U	0.53 U	69	140,000	70.4
S2-2-HC-25-2-UF-60-100	12/27/2004	5.6	1.9	0.060 U	0.060 U	7.5	8,100	78.4
S2-2-HC-25-2-UF-100-200	12/27/2004	4.2	1.3	0.044 U	0.044 U	5.5	6,800	79.1
S2-2-HC-25-2-UF-200-400	12/27/2004	6.9	2.1	0.077 U	0.077 U	9.0	9,600	76.3
S2-2-HC-25-3-F	12/15/2004	45	11	0.23 U	0.23 U	56	19,000	NA
S2-2-HC-25-3-F-<400	12/28/2004	170	36	1.4 U	1.4 U	210	95,000	30.8
S2-2-HC-25-3-F->40	12/28/2004	150	36	1.4 U	1.4 U	190	340,000	42.1
S2-2-HC-25-3-F-40-60	12/28/2004	54	14	0.54 U	0.54 U	68	110,000	67.4
S2-2-HC-25-3-F-60-100	12/28/2004	6.8	1.9	0.076 U	0.076 U	8.7	20,000	76.9
S2-2-HC-25-3-F-100-200	12/28/2004	11	3.1	0.16 U	0.16 U	14	8,200	74.9
S2-2-HC-25-3-F-200-400	12/28/2004	35	8.4	0.21 U	0.21 U	43	35,000	58.7
S2-2-HC-25-3-OF	12/15/2004	65	12	0.40 U	0.40 U	77	NA	NA
S2-2-HC-25-3-OF->200	12/27/2004	53	13	0.47 U	0.47 U	66	NA	69.2
S2-2-HC-25-3-UF	12/15/2004	68	17	0.83 U	0.83 U	85	7,000	68.9
S2-2-HC-25-3-UF-<400	12/28/2004	89	22	0.99 U	0.99 U	110	110,000	22.8
S2-2-HC-25-3-UF->40	12/29/2004	88	24	0.89 U	0.89 U	110	210,000	62.4
S2-2-HC-25-3-UF-40-60	12/29/2004	15	4.3	0.15 U	0.15 U	19	42,000	74.0
S2-2-HC-25-3-UF-60-100	12/29/2004	2.6	0.82	0.028 U	0.028 U	3.4	5,500	79.1
S2-2-HC-25-3-UF-100-200	12/29/2004	3.0	0.91	0.041 U	0.041 U	3.9	3,800	80.1

TABLE 14
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

HYDROCYCLONE SAMPLE DATA

Sample ID	Date Collected	Aroclor-1221 (mg/Kg)	Aroclor-1242 (mg/Kg)	Aroclor-1254 (mg/Kg)	Aroclor-1016, -1232, -1248, -1260 (mg/Kg)	Total PCBs (mg/Kg)	Total Organic Carbon (mg/Kg)	Percent Solids (%)
S2-2-HC-25-3-UF-200-400	12/29/2004	11	3.3	0.14 U	0.14 U	14	13,000	77.8
S2-2-PLUS 1/4	12/15/2004	180	29	1.4 U	1.4 U	210	170,000	41.0
S3-3-01-<400	12/14/2004	300	54	3.6 U	3.6 U	350	100,000	44.1
S3-3-01->40	12/14/2004	87	35	0.77 U	0.77 U	120	59,000	57.4
S3-3-01-40-60	12/14/2004	16	4.6	0.15 U	0.15 U	21	18,000	73.3
S3-3-01-60-100	12/14/2004	19	5.3	0.16 U	0.16 U	24	8,600	72.2
S3-3-01-100-200	12/14/2004	37	9.1	0.34 U	0.34 U	46	18,000	67.3
S3-3-01-200-400	12/14/2004	88	19	0.64 U	0.64 U	110	39,000	49.1
S3-4-HC-15-1-F	12/16/2004	21	3.1	0.15 U	0.15 U	24	25,000	73.1
S3-4-HC-15-1-F-<400	12/27/2004	150	22	1.2 U	1.2 U	170	67,000	55.8
S3-4-HC-15-1-F->60	12/27/2004	29	5.5	0.36 U	0.36 U	35	45,000	65.0
S3-4-HC-15-1-F-60-100	12/27/2004	6.3	1.3	0.062 U	0.062 U	7.6	1,400	75.7
S3-4-HC-15-1-F-100-200	12/27/2004	6.8	1.1	0.078 U	0.078 U	7.9	5,000	75.3
S3-4-HC-15-1-F-200-400	12/27/2004	26	3.6	0.19 U	0.19 U	30	16,000	67.1
S3-4-HC-15-1-OF	12/16/2004	230	22	1.7 U	1.7 U	250	NA	25.3
S3-4-HC-15-1-OF->200	12/27/2004	460	52	4.4 U	4.4 U	510	NA	14.9
S3-4-HC-15-1-T=0	12/16/2004	55	6.1	0.47 U	0.47 U	61	28,000	56.0
S3-4-HC-15-1-UF	12/16/2004	17	3.4	0.13 U	0.13 U	20	30,000	79.9
S3-4-HC-15-1-UF-<400	12/27/2004	38	7.1	0.53 U	0.53 U	45	45,000	50.0
S3-4-HC-15-1-UF->60	12/27/2004	36	8.7	0.34 U	0.34 U	45	25,000	69.0
S3-4-HC-15-1-UF-60-100	12/27/2004	4.8	1.2	0.062 U	0.062 U	6.0	1,200	77.0
S3-4-HC-15-1-UF-100-200	12/27/2004	2.2	0.51	0.031 U	0.031 U	2.7	870	77.9
S3-4-HC-15-1-UF-200-400	12/27/2004	4.2	0.91	0.048 U	0.048 U	5.1	2,900	77.5
S3-4-HC-15-T=0-<400	12/27/2004	110	17	0.76 U	0.76 U	130	74,000	44.3
S3-4-HC-15-T=0->60	12/27/2004	92	13	1.0 U	1.0 U	110	130,000	36.1
S3-4-HC-15-T=0-60-100	12/27/2004	12	2.3	0.12 U	0.12 U	14	7,000	70.9
S3-4-HC-15-T=0-100-200	12/27/2004	13	2.2	0.17 U	0.17 U	15	3,100	72.8
S3-4-HC-15-T=0-200-400	12/27/2004	36	5.2	0.37 U	0.37 U	41	38,000	65.6
S3-4-HC-25-1-F	12/16/2004	22	3.0	0.15 U	0.15 U	25	18,000	72.6
S3-4-HC-25-1-F-<400	12/20/2004	150	20	1.0 U	1.0 U	170	79,000	43.6
S3-4-HC-25-1-F->60	12/20/2004	87	14	0.88 U	0.88 U	100	120,000	50.6
S3-4-HC-25-1-F-60-100	12/20/2004	12	2.1	0.11 U	0.11 U	14	8,500	72.6
S3-4-HC-25-1-F-100-200	12/20/2004	11	1.6	0.11 U	0.11 U	13	8,100	72.3
S3-4-HC-25-1-F-200-400	12/20/2004	11	2.0	0.11 U	0.11 U	13	14,000	74.0
S3-4-HC-25-1-OF	12/16/2004	140	15	1.0 U	1.0 U	160	NA	32.5
S3-4-HC-25-1-OF->200	12/27/2004	200	26	1.9 U	1.9 U	230	NA	34.5
S3-4-HC-25-1-UF	12/16/2004	15	2.2	0.10 U	0.10 U	17	8,400	75.9
S3-4-HC-25-1-UF-<400	12/20/2004	110	17	0.96 U	0.96 U	130	71,000	47.7
S3-4-HC-25-1-UF->60	12/20/2004	29	7.9	0.29 U	0.29 U	37	74,000	73.9
S3-4-HC-25-1-UF-60-100	12/20/2004	2.8	0.75	0.028 U	0.028 U	3.6	4,300	76.3
S3-4-HC-25-1-UF-100-200	12/20/2004	2.2	0.50	0.028 U	0.028 U	2.7	2,000	78.2
S3-4-HC-25-1-UF-200-400	12/20/2004	6.2	1.2	0.060 U	0.060 U	7.4	3,100	75.3
S3-4-HC-25-2-F	12/16/2004	32	3.9	0.33 U	0.33 U	36	22,000	68.1

TABLE 14
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

DRAFT
PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT
PREPARED AT THE REQUEST OF COUNSEL

HYDROCYCLONE SAMPLE DATA

Sample ID	Date Collected	Aroclor-1221 (mg/Kg)	Aroclor-1242 (mg/Kg)	Aroclor-1254 (mg/Kg)	Aroclor-1016, -1232, -1248, -1260 (mg/Kg)	Total PCBs (mg/Kg)	Total Organic Carbon (mg/Kg)	Percent Solids (%)
S3-4-HC-25-2-F-<400	12/21/2004	150	20	1.3 U	1.3 U	170	78,000	46.5
S3-4-HC-25-2-F->60	12/21/2004	100	16	0.83 U	0.83 U	120	92,000	41.5
S3-4-HC-25-2-F-60-100	12/21/2004	9.1	1.7	0.090 U	0.090 U	11	6,300	72.9
S3-4-HC-25-2-F-100-200	12/21/2004	9.4	1.7	0.090 U	0.090 U	11	7,000	73.7
S3-4-HC-25-2-F-200-400	12/21/2004	28	4.2	0.17 U	0.17 U	32	20,000	67.1
S3-4-HC-25-2-OF	12/16/2004	150	16	1.4 U	1.4 U	170	NA	31.3
S3-4-HC-25-2-OF->200	12/27/2004	250	34	2.4 U	2.4 U	280	NA	27.0
S3-4-HC-25-2-UF	12/16/2004	13	1.9	0.11 U	0.11 U	15	6,500	81.6
S3-4-HC-25-2-UF-<400	12/21/2004	110	16	0.89 U	0.89 U	130	67,000	47.1
S3-4-HC-25-2-UF->60	12/21/2004	36	9.7	0.29 U	0.29 U	46	52,000	73.7
S3-4-HC-25-2-UF-60-100	12/21/2004	2.5	0.65	0.029 U	0.029 U	3.2	2,200	76.1
S3-4-HC-25-2-UF-100-200	12/21/2004	1.6	0.41	0.014 U	0.014 U	2.0	830	78.4
S3-4-HC-25-2-UF-200-400	12/21/2004	7.5	1.4	0.073 U	0.073 U	8.9	3,700	75.1
S3-4-HC-25-3-F	12/15/2004	60	7.1	0.58 U	0.58 U	67	56,000	39.3
S3-4-HC-25-3-F-<400	1/3/2005	150	21	1.5 U	1.5 U	170	63,000	43.3
S3-4-HC-25-3-F->60	1/3/2005	120	19	1.0 U	1.0 U	140	80,000	43.9
S3-4-HC-25-3-F-60-100	1/3/2005	13	2.2	0.15 U	0.15 U	15	17,000	71.4
S3-4-HC-25-3-F-100-200	1/3/2005	15	2.3	0.15 U	0.15 U	17	13,000	71.2
S3-4-HC-25-3-F-200-400	1/3/2005	42	5.8	0.37 U	0.37 U	48	20,000	62.4
S3-4-HC-25-3-OF	12/15/2004	34	3.8	0.33 U	0.33 U	38	NA	67.7
S3-4-HC-25-3-OF->200	12/27/2004	39	5.6	0.32 U	0.32 U	45	NA	69.7
S3-4-HC-25-3-T=0	12/15/2004	33	2.6	0.31 U	0.31 U	36	19,000	73.0
S3-4-HC-25-3-UF	12/15/2004	11	1.4	0.086 U	0.086 U	12	5,900	77.1
S3-4-HC-25-3-UF-<400	1/3/2005	130	20	1.3 U	1.3 U	150	74,000	40.0
S3-4-HC-25-3-UF->60	1/3/2005	7.0	1.5	0.070 U	0.070 U	8.5	2,500	78.1
S3-4-HC-25-3-UF-60-100	1/3/2005	2.4	0.52	0.028 U	0.028 U	2.9	8,700	76.3
S3-4-HC-25-3-UF-100-200	1/3/2005	3.1	0.56	0.029 U	0.029 U	3.7	2,400	78.7
S3-4-HC-25-3-UF-200-400	1/3/2005	14	2.2	0.15 U	0.15 U	16	7,700	71.5
S3-4-HC-25-4-F	12/16/2004	23	3.9	0.15 U	0.15 U	27	23,000	77.3
S3-4-HC-25-4-OF	12/16/2004	120	13	1.1 U	1.1 U	130	NA	41.0
S3-4-HC-25-4-OF->200	12/27/2004	310	42	3.5 U	3.5 U	350	NA	21.3
S3-4-HC-25-4-UF	12/16/2004	12	2.2	0.10 U	0.10 U	14	2,700	81.4
S3-4-HC-25-4-UF-<400	12/27/2004	50	9.7	0.56 U	0.56 U	60	43,000	46.9
S3-4-HC-25-4-UF->60	12/27/2004	61	14	0.66 U	0.66 U	75	30,000	71.9
S3-4-HC-25-4-UF-60-100	12/27/2004	3.5	0.92	0.047 U	0.047 U	4.4	1,500	76.2
S3-4-HC-25-4-UF-100-200	12/27/2004	1.5	0.38	0.016 U	0.016 U	1.9	980	77.8
S3-4-HC-25-4-UF-200-400	12/27/2004	2.4	0.60	0.030 U	0.030 U	3.0	1,400	77.4
S3-4-PLUS 1/4	12/15/2004	250	21	2.0 U	2.0 U	270	300,000	38.3
S4-HC-10-1-OF	8/19/2004	660	130	6.8 U	6.8 U	790	NA	1.65
S4-HC-10-1-UF	8/19/2004	870	140	8.1 U	8.1 U	1,000	NA	25.5
S4-HC-10-2-OF	8/19/2004	3,400	650	55 J	41 U	4,100	NA	0.371
S4-HC-10-2-UF	8/19/2004	950	170	9.1 U	9.1 U	1,100	NA	21.2
S4-HC-10-3-OF	8/19/2004	600	120	6.2 U	6.2 U	720	NA	2.19

TABLE 14
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

DRAFT
PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT
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HYDROCYCLONE SAMPLE DATA

Sample ID	Date Collected	Aroclor-1221 (mg/Kg)	Aroclor-1242 (mg/Kg)	Aroclor-1254 (mg/Kg)	Aroclor-1016, -1232, -1248, -1260 (mg/Kg)	Total PCBs (mg/Kg)	Total Organic Carbon (mg/Kg)	Percent Solids (%)
S4-HC-10-3-UF	8/19/2004	320	60	2.9 U	2.9 U	380	NA	36.9
S4-HC-10-4-OF	8/19/2004	600	130	6.4 U	6.4 U	730	NA	1.98
S4-HC-10-4-UF	8/19/2004	570	100	4.8 U	4.8 U	670	NA	34.7
S4-HC-10-5-OF	8/19/2004	540	120	6.4 U	6.4 U	660	NA	2.38
S4-HC-10-5-UF	8/19/2004	150	39	1.6 U	1.6 U	190	NA	46.8
S4-HC-10-6-OF	8/19/2004	580	130	7.1 U	7.1 U	710	NA	1.85
S4-HC-10-6-UF	8/19/2004	150	40	0.80 U	0.80 U	190	NA	38.5
S4-HC-10-7-OF	8/19/2004	610	140	6.5 U	6.5 U	750	NA	1.70
S4-HC-10-7-UF	8/19/2004	270	57	3.2 U	3.2 U	330	NA	52.7
S4-HC-10-8-OF	8/19/2004	570	130	7.8 U	7.8 U	700	NA	2.74
S4-HC-10-8-UF	8/19/2004	260	51	2.6 U	2.6 U	310	NA	55.4
S4-HC-10-9-OF	8/19/2004	340	88	3.8 U	3.8 U	430	NA	3.03
S4-HC-10-9-UF	8/19/2004	30	9.9	0.29 U	0.29 U	40	NA	70.1
S4-HC-10-10-OF	8/19/2004	380	94	4.3 U	4.3 U	470	NA	3.14
S4-HC-10-10-UF	8/19/2004	150	39	1.0 U	1.0 U	190	NA	45.1
S4-HC-10-11-OF	8/19/2004	390	93	3.8 U	3.8 U	480	NA	2.97
S4-HC-10-11-UF	8/19/2004	69	17	0.66 U	0.66 U	86	NA	49.8
S4-HC-10-12-OF	8/19/2004	350	93	3.7 U	3.7 U	440	NA	3.61
S4-HC-10-12-OF-DUP	8/19/2004	260	67	3.1 U	3.1 U	330	NA	2.89
S4-HC-10-12-UF	8/19/2004	310	72	3.3 U	3.3 U	380	NA	25.1
S4-HC-10-12-UF-DUP	8/19/2004	72	17	0.76 U	0.76 U	89	NA	35.5
S4-HC-10-SOLIDS	8/20/2004	21	5.6	0.14 U	0.14 U	27	NA	73.7
S4-HC-15-01-OF	8/26/2004	490	110	6.2 U	6.2 U	600	NA	3.54
S4-HC-15-01-UF	8/26/2004	720	130	7.6 U	7.6 U	850	NA	28.5
S4-HC-15-02-OF	8/26/2004	500	110	6.2 U	6.2 U	610	NA	3.45
S4-HC-15-02-UF	8/26/2004	810	160	8.4 U	8.4 U	970	NA	27.6
S4-HC-15-03-OF	8/25/2004	450	87	3.9 U	3.9 U	540	NA	5.66
S4-HC-15-03-UF	8/25/2004	110	21	0.75 U	0.75 U	130	NA	51.0
S4-HC-15-04-OF	8/25/2004	550	100	4.0 U	4.0 U	650	NA	5.42
S4-HC-15-04-UF	8/25/2004	120	23	1.3 U	1.3 U	140	NA	45.5
S4-HC-15-05-OF	8/25/2004	460	85	3.2 U	3.2 U	550	NA	6.76
S4-HC-15-05-UF	8/25/2004	86	19	0.91 U	0.91 U	110	NA	41.5
S4-HC-15-06-OF	8/25/2004	460	86	3.4 U	3.4 U	550	NA	6.18
S4-HC-15-06-UF	8/25/2004	220	42	2.2 U	2.2 U	260	NA	50.5
S4-HC-15-07-OF	8/25/2004	320	69	3.5 U	3.5 U	390	NA	6.13
S4-HC-15-07-UF	8/25/2004	150	34	1.2 U	1.2 U	180	NA	41.2
S4-HC-15-08-OF	8/25/2004	370	77	3.9 U	3.9 U	450	NA	5.56
S4-HC-15-08-UF	8/25/2004	83	20	0.87 U	0.87 U	100	NA	52.0
S4-HC-15-09-OF	8/25/2004	410	81	4.7 U	4.7 U	490	NA	4.68
S4-HC-15-09-UF	8/25/2004	140	34	1.1 U	1.1 U	170	NA	47.0
S4-HC-15-10-OF	8/25/2004	380	78	5.5 U	5.5 U	460	NA	3.95
S4-HC-15-10-UF	8/25/2004	400	75	3.3 U	3.3 U	480	NA	30.6
S4-HC-15-11-OF	8/25/2004	390	80	5.1 U	5.1 U	470	NA	4.38

TABLE 14
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

HYDROCYCLONE SAMPLE DATA

Sample ID	Date Collected	Aroclor-1221 (mg/Kg)	Aroclor-1242 (mg/Kg)	Aroclor-1254 (mg/Kg)	Aroclor-1016, -1232, -1248, -1260 (mg/Kg)	Total PCBs (mg/Kg)	Total Organic Carbon (mg/Kg)	Percent Solids (%)
S4-HC-15-11-OF-DUP	8/25/2004	500	100	6.8 U	6.8 U	600	NA	3.21
S4-HC-15-11-UF	8/25/2004	38	8.8	0.43 U	0.43 U	47	NA	47
S4-HC-15-11-UF-DUP	8/25/2004	22	5.5	0.26 U	0.26 U	28	NA	62
S4-HC-15-12-OF	8/25/2004	410	85	4.6 U	4.6 U	500	NA	4.69
S4-HC-15-12-OF-FINAL	8/29/2004	460	98	4.2 U	4.2 U	560	NA	5.28
S4-HC-15-12-UF	8/25/2004	34	8.6	0.40 U	0.40 U	43	NA	60.4
S4-HC-15-12-UF-FINAL	8/29/2004	170	37	1.4 U	1.4 U	210	43,000	59.9
S4-HC-15-13-OF	8/26/2004	410	87	5.7 U	5.7 U	500	NA	3.84
S4-HC-15-13-UF	8/26/2004	520	99	5.6 U	5.6 U	620	NA	36.8
S4-HC-15-14-OF	8/26/2004	460	97	6.0 U	6.0 U	560	NA	3.72
S4-HC-15-14-UF	8/26/2004	230	52	2.5 U	2.5 U	280	NA	50.3
S4-HC-15-SOLIDS	8/26/2004	27	6.0	0.28 U	0.28 U	33	NA	77.4
S4A-1-<400	12/14/2004	130	35	2.1 U	2.1 U	170	88,000	43.4
S4A-1->60	12/15/2004	520	130	4.3 U	4.3 U	650	460,000	25.1
S4A-1-60-100	12/15/2004	47	17	0.33 U	0.33 U	64	16,000	64.8
S4A-1-100-200	12/15/2004	12	4.3	0.11 U	0.11 U	16	8,100	74.2
S4A-1-200-400	12/15/2004	33	8.6	0.34 U	0.34 U	42	16,000	63.3

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. (BBL), and were submitted to Northeast Analytical Services, Inc. for analysis.
2. U = Indicates the constituent was not detected. The value preceding the U indicates the laboratory quantitation limit.
3. As specified in the *Treatability Studies Work Plan* (BBL, 2004), data validation was performed on approximately 10% of the analytical data set.
4. NA - Not analyzed.
5. mg/Kg = milligrams per kilogram.
6. Results are presented in dry weight.
7. Laboratory Data Qualifiers:
   Organics (PCBs)
   J - Indicates an estimated value.

TABLE 15
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

ADDITIONAL HYDROCYCLONE SAMPLE DATA

Sample ID: / Date Collected:	S4-HC-15-12-OF-FINAL 8/29/2004	S4-HC-15-12-UF-FINAL 8/27/2004	S4-HC-15-12-UF-FINAL 8/29/2004
TAL Metals (mg/L)			
Aluminum	1,040	NA	NA
Antimony	0.0177	NA	NA
Arsenic	0.153	NA	NA
Barium	4.06	NA	NA
Beryllium	0.0520	NA	NA
Cadmium	2.79	NA	NA
Calcium	292	NA	NA
Chromium	45.2	NA	NA
Cobalt	0.674	NA	NA
Copper	30.0	NA	NA
Iron	1,140	NA	NA
Lead	42.8	NA	NA
Magnesium	258	NA	NA
Manganese	16.2	NA	NA
Mercury	0.110	NA	NA
Nickel	4.30	NA	NA
Potassium	48.1	NA	NA
Selenium	0.0396	NA	NA
Silver	0.0584	NA	NA
Sodium	30.4 X	NA	NA
Thallium	0.00560	NA	NA
Vanadium	3.71	NA	NA
Zinc	57.7 E	NA	NA
TAL Metals (mg/Kg)			
Aluminum	9,410 *	NA	NA
Antimony	5.60 *	NA	NA
Arsenic	2.50 N*	NA	NA
Barium	83.4 E	NA	NA
Beryllium	0.820	NA	NA
Cadmium	10.0 NE*	NA	NA
Calcium	4,430 *	NA	NA
Chromium	210 N*	NA	NA
Cobalt	14.8 E*	NA	NA
Copper	138 N*	NA	NA
Iron	16,100 *	NA	NA
Lead	187 *	NA	NA
Magnesium	3,390 *	NA	NA
Manganese	140 *	NA	NA
Mercury	0.560 N	NA	NA
Nickel	26.8 E	NA	NA
Potassium	1,150 *	NA	NA
Selenium	0.940 BN	NA	NA
Silver	0.690	NA	NA
Sodium	396 *	NA	NA
Thallium	1.60 E*	NA	NA
Vanadium	27.8	NA	NA
Zinc	218 E	NA	NA
pH (pH Units)			
pH	6.43	NA	6.89
Specific Gravity			
Specific Gravity	NA	2.60	NA

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. (BBL), and were submitted to Severn Trent Laboratories, Inc. (Pittsburgh and Burlington) and Northeast Analytical Services, Inc. for analysis.
2. As specified in the *Treatability Studies Work Plan* (BBL, 2004), data validation was performed on approximately 10% of the analytical data set.
3. Solid sample results (i.e., results with mg/Kg units) are presented in dry weight.
4. mg/L = milligrams per liter.
5. mg/Kg = milligrams per kilogram.
6. NA - Not analyzed.
7. Laboratory Data Qualifiers:
   Inorganics (TAL Metals, Total Kjeldahl Nitrogen)
   - E - Matrix interference.
   - J - Indicates an estimated value.
   - N - Indicates sample matrix spike analysis was outside control limits.
   - X - Method blank contamination.
   - * - Serial dilution results not within 10%. Applicable only if analyte concentration is at least 50X the IDL in original sample

TABLE 16
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

ADDITIONAL HYDROCYCLONE SAMPLE DATA

Sample ID: / Date Collected:	S2-2-HC-15-1-F 12/16/2004	S2-2-HC-15-2-F 12/16/2004	S2-2-HC-25-1-F 12/15/2004	S2-2-HC-25-1-T=0 12/14/2004	S2-2-HC-25-2-F 12/15/2004	S2-2-HC-25-3-F 12/15/2004	S3-4-HC-15-1-F 12/16/2004	S3-4-HC-15-1-T=0 12/16/2004
Atterberg Limits								
Liquid Limit	NA	NA	NA	NA	NA	NA	NA	NA
Plastic Limit	NA	NA	NA	NA	NA	NA	NA	NA
Plasticity Index	NA	NA	NA	NA	NA	NA	NA	NA
Soil Classification (% of Total Sample)								
Gravel	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sand	50.2	27.6	25.1	66.9	34.7	42.3	39.3	26.1
Coarse Sand	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.1
Medium Sand	3.4	0.7	0.7	4.1	1.0	1.4	0.8	1.0
Fine Sand	46.7	26.9	24.4	62.7	33.7	40.9	38.5	25.0
Silt	44.4	69.1	69.4	27.0	56.9	46.9	53.2	66.5
Clay	5.4	3.4	5.5	6.2	8.4	10.7	7.5	7.4
Finer than #200	58.0	74.6	58.6	40.6	58.8	61.8	52.9	73.6
Grain Size - Hydrometer (% Finer/Particle Size um)								
HYD01	9.4 / 37	5.1 / 37	8.5 / 36	11.7 / 37	11.6 / 36	14.6 / 36	12.1 / 36	13.6 / 36
HYD02	8.2 / 23	5.1 / 23	7.8 / 23	9.9 / 23	10.6 / 23	14.6 / 23	10.6 / 23	12.2 / 23
HYD03	8.2 / 13.4	4.3 / 13.5	7.0 / 13.2	9.9 / 13.5	10.6 / 13.1	13.3 / 13.2	10.4 / 13.4	10.7 / 13.4
HYD04	6.9 / 9.5	4.2 / 9.6	5.5 / 9.4	8.0 / 9.7	9.6 / 9.3	12.0 / 9.5	8.9 / 9.5	7.7 / 9.4
HYD05	5.4 / 6.6	3.4 / 7.0	5.5 / 6.7	6.2 / 6.9	8.4 / 6.8	10.7 / 6.5	7.5 / 6.6	7.4 / 7.0
HYD06	5.4 / 3.3	2.6 / 3.4	4.6 / 3.3	5.9 / 3.4	7.4 / 3.2	9.2 / 3.3	6.0 / 3.4	6.0 / 3.5
HYD07	4.3 / 1.4	1.9 / 1.4	4.0 / 1.4	4.3 / 1.4	6.4 / 1.4	8.1 / 1.4	4.8 / 1.4	3.5 / 1.4
Grain Size - Sieve (% Finer)								
0.375 inch/9.5 mm	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
#4/4.75 mm	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
#10/2 mm	99.9	100.0	100.0	99.9	100.0	100.0	100.0	99.9
#20/0.85 mm	99.0	99.9	99.9	98.7	99.9	99.8	99.9	99.6
#40/0.425 mm	96.5	99.3	99.3	95.8	99.0	98.6	99.2	99.0
#60/0.25 mm	92.0	97.3	97.6	89.7	96.8	95.6	96.8	97.3
#80/0.18 mm	78.1	89.3	90.0	69.3	86.5	83.2	88.9	92.7
#100/0.15 mm	69.7	84.3	85.5	57.8	80.2	75.4	83.5	89.5
#200/0.075 mm	49.8	72.4	74.9	33.1	65.4	57.6	60.7	74.0

TABLE 16
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

HYDROCYCLONE SEDIMENT SAMPLE DATA

Sample ID: / Date Collected:	S3-4-HC-25-1-F 12/16/2004	S3-4-HC-25-2-F 12/16/2004	S3-4-HC-25-3-F 12/15/2004	S3-4-HC-25-3-T=0 12/15/2004	S4-HC-10-1-UF 8/19/2004	S4-HC-10-2-UF 8/19/2004	S4-HC-10-3-UF 8/19/2004
Atterberg Limits							
Liquid Limit	NA	NA	NA	NA	NA	NA	NA
Plastic Limit	NA	NA	NA	NA	NA	NA	NA
Plasticity Index	NA	NA	NA	NA	NA	NA	NA
Soil Classification (% of Total Sample)							
Gravel	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sand	44.4	45.5	43.1	37.3	38.9	37.7	55.0
Coarse Sand	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Medium Sand	0.7	0.9	0.9	0.7	4.2	3.2	5.2
Fine Sand	43.7	44.6	42.2	36.6	34.7	34.5	49.8
Silt	44.1	42.3	46.8	53.6	56.7	58.6	18.6
Clay	11.5	12.2	10.1	9.1	4.4	3.7	26.4
Finer than #200	50.7	48.4	53.7	57.8	55.5	51.7	41.0
Grain Size - Hydrometer (% Finer/Particle Size um)							
HYD01	20.1 / 35	20.4 / 35	21.4 / 35	18.9 / 35	15.5 / 27	14.5 / 25	44.4 / 33
HYD02	17.7 / 22	17.7 / 22	18.7 / 22	15.2 / 23	10.7 / 19	9.6 / 19	39.0 / 21
HYD03	15.2 / 13.1	16.4 / 13.1	14.5 / 13.1	12.8 / 13.2	6.8 / 12.1	6.3 / 11.9	35.4 / 12.5
HYD04	12.7 / 9.2	13.7 / 9.0	11.7 / 9.2	10.3 / 9.2	5.5 / 8.8	5.0 / 8.8	33.6 / 9.0
HYD05	11.5 / 6.7	12.2 / 6.7	10.1 / 6.7	9.1 / 6.7	4.4 / 6.5	3.7 / 6.4	26.4 / 6.2
HYD06	8.8 / 3.2	9.5 / 3.2	8.5 / 3.4	6.4 / 3.4	2.7 / 3.2	2.6 / 3.2	21.0 / 3.2
HYD07	6.6 / 1.4	8.4 / 1.4	6.0 / 1.4	5.4 / 1.4	2.4 / 1.3	1.7 / 1.3	13.8 / 1.3
Grain Size - Sieve (% Finer)							
0.375 inch/9.5 mm	100.0	100.0	100.0	100.0	100.0	100.0	100.0
#4/4.75 mm	100.0	100.0	100.0	100.0	100.0	100.0	100.0
#10/2 mm	100.0	100.0	100.0	100.0	100.0	100.0	100.0
#20/0.85 mm	99.9	99.9	99.9	99.9	99.3	99.5	99.1
#40/0.425 mm	99.3	99.1	99.1	99.3	95.7	96.8	94.8
#60/0.25 mm	96.6	96.4	96.2	97.0	90.1	92.1	88.3
#80/0.18 mm	88.5	88.0	87.7	89.9	84.2	86.4	80.8
#100/0.15 mm	82.6	82.0	81.9	85.0	80.2	82.5	74.9
#200/0.075 mm	55.6	54.5	56.9	62.7	61.0	62.3	45.0

TABLE 16
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

HYDROCYCLONE SEDIMENT SAMPLE DATA

Sample ID: / Date Collected:	S4-HC-10-4-UF 8/19/2004	S4-HC-10-5-UF 8/19/2004	S4-HC-10-6-UF 8/19/2004	S4-HC-10-7-UF 8/19/2004	S4-HC-10-8-UF 8/19/2004	S4-HC-10-9-UF 8/19/2004	S4-HC-10-10-UF 8/19/2004
Atterberg Limits							
Liquid Limit	NA	NA	NA	NA	NA	NA	NA
Plastic Limit	NA	NA	NA	NA	NA	NA	NA
Plasticity Index	NA	NA	NA	NA	NA	NA	NA
Soil Classification (% of Total Sample)							
Gravel	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sand	34.1	56.5	39.7	72.3	64.9	84.6	81.7
Coarse Sand	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Medium Sand	3.5	1.3	1.1	3.7	4.2	2.3	3.1
Fine Sand	30.6	55.2	38.6	68.6	60.6	82.3	78.6
Silt	51.6	28.4	46.5	23.2	30.6	8.8	9.4
Clay	14.3	15.1	13.9	4.5	4.6	6.6	8.9
Finer than #200	63.0	21.9	55.1	22.2	33.2	9.5	27.6
Grain Size - Hydrometer (% Finer/Particle Size um)							
HYD01	24.9 / 33	22.5 / 33	22.7 / 33	8.3 / 32	12.5 / 30	9.9 / 35	16.8 / 34
HYD02	20.1 / 21	21.7 / 21	19.2 / 21	7.3 / 21	9.3 / 20	8.8 / 22	13.6 / 22
HYD03	20.1 / 12.3	19.3 / 12.2	17.4 / 12.5	6.0 / 12.2	6.6 / 12.3	8.3 / 12.8	12.1 / 12.9
HYD04	17.2 / 8.7	17.6 / 8.6	15.6 / 8.7	5.3 / 8.5	6.0 / 8.8	7.6 / 8.9	10.5 / 9.2
HYD05	14.3 / 6.3	15.1 / 6.3	13.9 / 6.4	4.5 / 6.3	4.6 / 6.2	6.6 / 6.5	8.9 / 6.4
HYD06	11.4 / 3.2	11.7 / 3.2	10.2 / 3.1	3.2 / 3.1	3.4 / 3.2	5.3 / 3.2	7.2 / 3.2
HYD07	7.4 / 1.4	8.3 / 1.3	6.8 / 1.4	2.5 / 1.3	2.5 / 1.4	4.1 / 1.4	5.6 / 1.4
Grain Size - Sieve (% Finer)							
0.375 inch/9.5 mm	100.0	100.0	100.0	100.0	100.0	100.0	100.0
#4/4.75 mm	100.0	100.0	100.0	100.0	100.0	100.0	100.0
#10/2 mm	100.0	100.0	100.0	100.0	99.9	100.0	100.0
#20/0.85 mm	99.4	99.8	99.9	99.5	98.9	99.6	99.6
#40/0.425 mm	96.5	98.7	98.9	96.3	95.8	97.7	96.9
#60/0.25 mm	91.7	95.5	95.8	90.5	90.4	94.2	92.1
#80/0.18 mm	86.9	89.3	90.7	80.3	81.6	81.0	81.4
#100/0.15 mm	83.3	83.3	86.5	71.5	74.0	68.4	70.9
#200/0.075 mm	65.9	43.5	60.3	27.7	35.2	15.4	18.3

TABLE 16
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

HYDROCYCLONE SEDIMENT SAMPLE DATA

Sample ID: / Date Collected:	S4-HC-10-11-UF 8/19/2004	S4-HC-10-12-UF 8/19/2004	S4-HC-10-12-UF-DUP 8/19/2004	S4-HC-10-SOLIDS 8/20/2004	S4-HC-15-01-UF 8/26/2004	S4-HC-15-02-UF 8/26/2004	S4-HC-15-03-UF 8/25/2004
Atterberg Limits							
Liquid Limit	NA	NA	NA	NA	NA	NA	NA
Plastic Limit	NA	NA	NA	NA	NA	NA	NA
Plasticity Index	NA	NA	NA	NA	NA	NA	NA
Soil Classification (% of Total Sample)							
Gravel	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sand	46.2	33.8	41.3	87.3	53.2	40.1	14.7
Coarse Sand	0.0	0.0	0.0	1.2	0.0	0.0	0.0
Medium Sand	0.7	0.4	0.4	10.8	8.7	8.7	0.2
Fine Sand	45.5	33.4	40.9	75.3	44.5	31.4	14.5
Silt	45.5	18.2	38.3	10.4	36.2	50.6	80.3
Clay	8.2	47.9	20.4	2.3	10.5	9.3	5.0
Finer than #200	73.0	48.0	48.3	10.2	27.0	19.2	87.6
Grain Size - Hydrometer (% Finer/Particle Size um)							
HYD01	11.9 / 35	62.6 / 34	29.9 / 34	4.6 / 36	41.4 / 34	42.2 / 33	7.2 / 32
HYD02	11.1 / 22	59.7 / 22	28.3 / 22	3.5 / 23	21.9 / 23	25.0 / 22	6.8 / 21
HYD03	9.7 / 13.0	56.8 / 12.6	25.0 / 12.8	2.7 / 13.4	15.4 / 13.3	15.0 / 13.3	6.3 / 12.1
HYD04	8.2 / 9.3	50.9 / 9.0	23.5 / 8.9	2.7 / 9.3	12.2 / 9.2	12.2 / 9.5	5.8 / 8.5
HYD05	8.2 / 6.7	47.9 / 6.2	20.4 / 6.5	2.3 / 6.7	10.5 / 6.8	9.3 / 6.6	5.0 / 6.2
HYD06	5.9 / 3.3	35.7 / 3.3	15.8 / 3.3	1.9 / 3.4	7.3 / 3.3	6.4 / 3.3	3.8 / 3.2
HYD07	4.5 / 1.4	26.9 / 1.4	12.8 / 1.4	1.6 / 1.4	5.7 / 1.4	5.0 / 1.4	3.0 / 1.4
Grain Size - Sieve (% Finer)							
0.375 inch/9.5 mm	100.0	100.0	100.0	100.0	100.0	100.0	100.0
#4/4.75 mm	100.0	100.0	100.0	100.0	100.0	100.0	100.0
#10/2 mm	100.0	100.0	100.0	98.8	100.0	100.0	100.0
#20/0.85 mm	99.9	100.0	100.0	93.8	98.4	98.4	99.9
#40/0.425 mm	99.3	99.6	99.6	88.0	91.3	91.3	99.8
#60/0.25 mm	98.0	98.4	98.7	82.2	77.5	79.4	99.3
#80/0.18 mm	90.9	93.9	93.6	59.5	68.9	71.8	95.8
#100/0.15 mm	83.2	89.7	88.0	46.8	64.5	68.2	92.8
#200/0.075 mm	53.8	66.1	58.7	12.8	46.7	59.9	85.3

TABLE 16
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

HYDROCYCLONE SEDIMENT SAMPLE DATA

Sample ID: / Date Collected:	S4-HC-15-04-UF 8/25/2004	S4-HC-15-05-UF 8/25/2004	S4-HC-15-06-UF 8/25/2004	S4-HC-15-07-UF 8/25/2004	S4-HC-15-08-UF 8/25/2004	S4-HC-15-09-UF 8/25/2004	S4-HC-15-10-UF 8/25/2004
Atterberg Limits							
Liquid Limit	NA	NA	NA	NA	NA	NA	NA
Plastic Limit	NA	NA	NA	NA	NA	NA	NA
Plasticity Index	NA	NA	NA	NA	NA	NA	NA
Soil Classification (% of Total Sample)							
Gravel	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sand	31.8	34.4	79.1	94.0	85.0	64.3	51.8
Coarse Sand	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Medium Sand	0.2	0.4	2.1	0.9	3.3	2.4	3.0
Fine Sand	31.6	34.0	77.0	93.1	81.7	61.9	48.8
Silt	60.8	60.0	11.5	3.3	9.3	32.2	44.5
Clay	7.3	5.6	9.4	2.6	5.7	3.5	3.7
Finer than #200	99.7	99.5	22.0	1.5	12.2	3.6	16.0
Grain Size - Hydrometer (% Finer/Particle Size um)							
HYD01	9.9 / 33	7.8 / 33	15.6 / 32	4.9 / 37	11.0 / 36	8.8 / 36	9.6 / 36
HYD02	9.2 / 21	7.3 / 21	13.2 / 21	4.1 / 24	9.2 / 23	6.5 / 23	5.6 / 23
HYD03	8.4 / 12.3	6.7 / 12.1	12.2 / 12.1	3.4 / 13.6	7.5 / 13.4	5.8 / 13.5	5.0 / 13.4
HYD04	7.7 / 8.6	6.2 / 8.4	11.3 / 8.6	3.4 / 9.6	6.6 / 9.7	5.0 / 9.7	4.4 / 9.3
HYD05	7.3 / 6.3	5.6 / 6.2	9.4 / 6.1	2.6 / 7.0	5.7 / 6.9	3.5 / 6.7	3.7 / 6.7
HYD06	5.4 / 3.1	4.2 / 3.1	7.3 / 3.1	1.9 / 3.3	3.9 / 3.3	2.7 / 3.4	3.0 / 3.4
HYD07	4.1 / 1.4	3.4 / 1.3	5.8 / 1.4	1.9 / 1.4	3.1 / 1.4	1.9 / 1.4	2.4 / 1.4
Grain Size - Sieve (% Finer)							
0.375 inch/9.5 mm	100.0	100.0	100.0	100.0	100.0	100.0	100.0
#4/4.75 mm	100.0	100.0	100.0	100.0	100.0	100.0	100.0
#10/2 mm	100.0	100.0	100.0	100.0	100.0	100.0	100.0
#20/0.85 mm	100.0	100.0	99.7	99.9	99.6	99.7	99.6
#40/0.425 mm	99.8	99.6	97.9	99.1	96.7	97.6	97.0
#60/0.25 mm	98.8	98.3	93.6	94.8	91.1	93.2	91.9
#80/0.18 mm	91.0	91.5	81.7	67.6	80.0	85.7	86.9
#100/0.15 mm	84.3	85.4	71.0	48.3	69.4	77.9	82.2
#200/0.075 mm	68.2	65.6	20.9	5.9	15.0	35.7	48.2

TABLE 16
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

HYDROCYCLONE SEDIMENT SAMPLE DATA

Sample ID: / Date Collected:	S4-HC-15-11-UF 8/25/2004	S4-HC-15-11-UF-DUP 8/25/2004	S4-HC-15-12-UF 8/25/2004	S4-HC-15-12-UF-FINAL 8/27/2004	S4-HC-15-13-UF 8/26/2004	S4-HC-15-14-UF 8/26/2004	S4-HC-15-SOLIDS 8/26/2004
Atterberg Limits							
Liquid Limit	NA	NA	NA	0	NA	NA	NA
Plastic Limit	NA	NA	NA	0	NA	NA	NA
Plasticity Index	NA	NA	NA	0	NA	NA	NA
Soil Classification (% of Total Sample)							
Gravel	0.0	0.0	0.0	0.0	0.0	0.0	0.6
Sand	82.1	92.0	75.7	77.4	37.2	43.1	83.4
Coarse Sand	0.0	0.0	0.0	0.0	0.0	0.0	1.0
Medium Sand	0.6	2.1	1.7	2.2	7.0	1.6	18.8
Fine Sand	81.5	89.9	74.0	75.2	30.2	41.5	63.6
Silt	14.9	4.0	19.6	17.4	55.4	36.3	12.7
Clay	2.9	4.0	4.7	5.2	7.4	20.5	3.3
Finer than #200	8.9	1.1	3.8	11.9	27.9	59.3	9.7
Grain Size - Hydrometer (% Finer/Particle Size um)							
HYD01	5.5 / 36	6.7 / 36	9.1 / 37	12.1 / 34	52.8 / 30	38.9 / 33	8.1 / 36
HYD02	4.2 / 23	5.6 / 23	7.3 / 23	9.4 / 22	31.2 / 21	30.5 / 22	6.9 / 23
HYD03	4.2 / 13.4	5.1 / 13.2	5.6 / 13.6	7.1 / 13.1	14.2 / 13.2	26.2 / 12.8	5.1 / 13.3
HYD04	3.6 / 9.4	4.5 / 9.2	5.6 / 9.5	6.1 / 9.3	9.7 / 9.5	23.4 / 9.1	3.9 / 9.5
HYD05	2.9 / 6.8	4.0 / 6.9	4.7 / 6.9	5.2 / 6.8	7.4 / 6.9	20.5 / 6.4	3.3 / 6.6
HYD06	2.3 / 3.4	3.3 / 3.4	3.9 / 3.2	3.3 / 3.4	5.1 / 3.4	16.4 / 3.3	2.5 / 3.4
HYD07	1.7 / 1.4	2.6 / 1.4	2.2 / 1.4	1.3 / 1.5	2.9 / 1.4	12.2 / 1.4	1.7 / 1.4
Grain Size - Sieve (% Finer)							
0.375 inch/9.5 mm	100.0	100.0	100.0	100.0	100.0	100.0	100.0
#4/4.75 mm	100.0	100.0	100.0	100.0	100.0	100.0	99.4
#10/2 mm	100.0	100.0	100.0	100.0	100.0	100.0	98.4
#20/0.85 mm	100.0	99.8	99.9	99.8	98.8	99.6	90.8
#40/0.425 mm	99.4	97.9	98.3	97.8	93.0	98.4	79.6
#60/0.25 mm	96.2	93.5	94.5	92.9	81.9	95.4	71.6
#80/0.18 mm	72.5	69.0	85.6	77.4	74.5	89.6	54.5
#100/0.15 mm	55.8	51.8	74.9	65.4	71.2	84.3	43.7
#200/0.075 mm	17.9	8.0	24.3	22.6	62.8	56.9	16.0

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. (BBL), and were submitted to Severn Trent Laboratories, Inc. Burlington for analysis.
2. As specified in the *Treatability Studies Work Plan* (BBL, 2004), data validation was performed on approximately 10% of the analytical data set.
3. NA - Not analyzed.
4. um = micrometer and mm = millimeter.

TABLE 17
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

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PRIMARY SETTLING COLUMN SAMPLE DATA

Sample ID	Date Collected	Aroclor-1221 (mg/Kg)	Aroclor-1242 (mg/Kg)	Aroclor-1254 (mg/Kg)	Aroclor-1016, -1232, -1248, -1260 (mg/Kg)	Total PCBs (mg/Kg)	Total Organic Carbon (mg/Kg)	Percent Solids (%)
H1S1-PSC-COURSE	8/5/2004	14	3.7	0.14 U	0.14 U	18	NA	79.9
H1S1-PSC-T24-S	8/6/2004	14	13	0.16 U	0.16 U	27	24,000	39.7
H1S1-PSC-T24-S-DUP	8/6/2004	9.4	9.0	0.70	0.053 U	19	29,000	40.7
H1S2-PSC-COARSE	7/19/2004	11	7.2	0.11 U	0.11 U	18	NA	69.3
H1S2-PSC-T24-S	7/19/2004	140	41	1.1 U	1.1 U	180	71,000	29.3
H1S3-PSC-COARSE	7/19/2004	7.9	2.4	0.078 U	0.078 U	10	NA	70.5
H1S3-PSC-T24-S	7/17/2004	280	45	2.6 U	2.6 U	330	75,000	24.6
H2S2-PSC-T24-COARSE	8/4/2004	6.4	2.1	0.067 U	0.067 U	8.5	NA	78.6
H2S2-PSC-T24-S	8/4/2004	180	33	1.9 U	1.9 U	210	94,000	17.0
H2S3-PSC-T24-COARSE	8/4/2004	9.9	2.6	0.14 U	0.14 U	13	NA	79.0
H2S3-PSC-T24-S	8/4/2004	140	42	1.5 U	1.5 U	180	55,000	29.1
H2S4B-PSC-COARSE	8/5/2004	3.6	2.4	0.039 U	0.039 U	6.0	NA	81.4
H2S4B-PSC-T24-S	8/6/2004	350	48	4.2 U	4.2 U	400	85,000	25.2

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. (BBL), and were submitted to Northeast Analytical Services, Inc. for analysis.
2. U = Indicates the constituent was not detected. The value preceding the U indicates the laboratory quantitation limit.
3. As specified in the *Treatability Studies Work Plan* (BBL, 2004), data validation was performed on approximately 10% of the analytical data set.
4. NA - Not analyzed.
5. mg/Kg = milligrams per kilogram.

TABLE 18
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

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PRIMARY SETTLING COLUMN WATER SAMPLE DATA

Sample ID	Date Collected	Aroclor-1221 (mg/L)	Aroclor-1242 (mg/L)	Aroclor-1016, -1232, -1248, -1254, -1260 (mg/L)	Total PCBs (mg/L)	Total Organic Carbon (mg/L)	Dissolved Organic Carbon (mg/L)	Total Suspended Solids (mg/L)
H1S1-PSC-T0-2	8/5/2004	NA	NA	NA	NA	NA	NA	13,700
H1S1-PSC-T0-4	8/5/2004	NA	NA	NA	NA	NA	NA	29,800
H1S1-PSC-T0-6	8/5/2004	NA	NA	NA	NA	NA	NA	29,400
H1S1-PSC-T1-2	8/5/2004	NA	NA	NA	NA	NA	NA	7,740
H1S1-PSC-T1-4	8/5/2004	NA	NA	NA	NA	NA	NA	7,960
H1S1-PSC-T1-6	8/5/2004	NA	NA	NA	NA	NA	NA	7,560
H1S1-PSC-T1-AI1	8/5/2004	NA	NA	NA	NA	NA	NA	8,150
H1S1-PSC-T2-2	8/5/2004	NA	NA	NA	NA	NA	NA	6,460
H1S1-PSC-T2-4	8/5/2004	NA	NA	NA	NA	NA	NA	6,120
H1S1-PSC-T2-6	8/5/2004	NA	NA	NA	NA	NA	NA	3,870
H1S1-PSC-T2-AI1	8/6/2004	NA	NA	NA	NA	NA	NA	6,590
H1S1-PSC-T8-2	8/5/2004	NA	NA	NA	NA	NA	NA	4,350
H1S1-PSC-T8-4	8/5/2004	NA	NA	NA	NA	NA	NA	4,320
H1S1-PSC-T8-6	8/5/2004	NA	NA	NA	NA	NA	NA	3,840
H1S1-PSC-T8-AI1	8/5/2004	NA	NA	NA	NA	NA	NA	4,430
H1S1-PSC-T24-2	8/6/2004	NA	NA	NA	NA	NA	NA	3,020
H1S1-PSC-T24-4	8/6/2004	NA	NA	NA	NA	NA	NA	2,870
H1S1-PSC-T24-6	8/6/2004	NA	NA	NA	NA	NA	NA	1,830
H1S1-PSC-T24-AI.5	8/6/2004	NA	NA	NA	NA	NA	NA	4,100
H1S1-PSC-T24-AITOP	8/6/2004	0.0053 B	0.0031	0.00031 U	0.0084	4.47	4.04	NA
H1S2-PSC-T0-4	7/16/2004	NA	NA	NA	NA	NA	NA	104,000
H1S2-PSC-T0-6	7/16/2004	NA	NA	NA	NA	NA	NA	102,000
H1S2-PSC-T1-2	7/16/2004	NA	NA	NA	NA	NA	NA	96,900
H1S2-PSC-T1-4	7/16/2004	NA	NA	NA	NA	NA	NA	94,100
H1S2-PSC-T1-6	7/16/2004	NA	NA	NA	NA	NA	NA	81,800
H1S2-PSC-T2-2	7/16/2004	NA	NA	NA	NA	NA	NA	99,200
H1S2-PSC-T2-4	7/16/2004	NA	NA	NA	NA	NA	NA	93,500
H1S2-PSC-T2-6	7/16/2004	NA	NA	NA	NA	NA	NA	16,300
H1S2-PSC-T0045-AI6.5	7/16/2004	NA	NA	NA	NA	NA	NA	16,900
H1S2-PSC-T8-2	7/16/2004	NA	NA	NA	NA	NA	NA	148,000
H1S2-PSC-T8-4	7/16/2004	NA	NA	NA	NA	NA	NA	9,090
H1S2-PSC-T8-6	7/16/2004	NA	NA	NA	NA	NA	NA	9,570
H1S2-PSC-T0140-AI6	7/16/2004	NA	NA	NA	NA	NA	NA	12,800
H1S2-PSC-T0140-AITOP	7/16/2004	NA	NA	NA	NA	NA	NA	12,100
H1S2-PSC-T24-2	7/17/2004	NA	NA	NA	NA	NA	NA	169,000
H1S2-PSC-T24-AITOP	7/19/2004	0.51 B	0.038 JB	0.021 U	0.55 J	19.7	21.6	NA
H1S2-PSC-T0240-AI5.5	7/16/2004	NA	NA	NA	NA	NA	NA	9,240
H1S2-PSC-T0240-AI6	7/16/2004	NA	NA	NA	NA	NA	NA	10,600
H1S2-PSC-T0240-AITOP	7/16/2004	NA	NA	NA	NA	NA	NA	10,900
H1S2-PSC-T0405-AI5	7/16/2004	NA	NA	NA	NA	NA	NA	9,590
H1S2-PSC-T0405-AI5.5	7/16/2004	NA	NA	NA	NA	NA	NA	12,600
H1S2-PSC-T0405-AI6	7/16/2004	NA	NA	NA	NA	NA	NA	12,900
H1S2-PSC-T0405-AITOP	7/16/2004	NA	NA	NA	NA	NA	NA	12,800

TABLE 18
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

DRAFT
PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT
PREPARED AT THE REQUEST OF COUNSEL

PRIMARY SETTLING COLUMN WATER SAMPLE DATA

Sample ID	Date Collected	Aroclor-1221 (mg/L)	Aroclor-1242 (mg/L)	Aroclor-1016, -1232, -1248, -1254, -1260 (mg/L)	Total PCBs (mg/L)	Total Organic Carbon (mg/L)	Dissolved Organic Carbon (mg/L)	Total Suspended Solids (mg/L)
H1S2-PSC-T2400-AI3.5	7/17/2004	NA	NA	NA	NA	NA	NA	10,500
H1S2-PSC-T2400-AI4	7/17/2004	NA	NA	NA	NA	NA	NA	8,820
H1S2-PSC-T2400-AI4.5	7/17/2004	NA	NA	NA	NA	NA	NA	8,920
H1S2-PSC-T2400-AI5	7/17/2004	NA	NA	NA	NA	NA	NA	9,000
H1S2-PSC-T2400-AI5.5	7/17/2004	NA	NA	NA	NA	NA	NA	8,930
H1S2-PSC-T2400-AI6	7/17/2004	NA	NA	NA	NA	NA	NA	8,740
H1S2-PSC-T2400-AITOP	7/17/2004	NA	NA	NA	NA	NA	NA	7,600
H1S2-PSC-TO-2	7/16/2004	NA	NA	NA	NA	NA	NA	103,000
H1S3-PSC-T0-2	7/16/2004	NA	NA	NA	NA	NA	NA	127,000
H1S3-PSC-T0-4	7/16/2004	NA	NA	NA	NA	NA	NA	133,000
H1S3-PSC-T0-6	7/16/2004	NA	NA	NA	NA	NA	NA	121,000
H1S3-PSC-T1-2	7/16/2004	NA	NA	NA	NA	NA	NA	118,000
H1S3-PSC-T1-4	7/16/2004	NA	NA	NA	NA	NA	NA	100,000
H1S3-PSC-T1-6	7/16/2004	NA	NA	NA	NA	NA	NA	49,300
H1S3-PSC-T2-2	7/16/2004	NA	NA	NA	NA	NA	NA	123,000
H1S3-PSC-T2-4	7/16/2004	NA	NA	NA	NA	NA	NA	110,000
H1S3-PSC-T2-6	7/16/2004	NA	NA	NA	NA	NA	NA	44,500
H1S3-PSC-T8-2	7/16/2004	NA	NA	NA	NA	NA	NA	167,000
H1S3-PSC-T24-2	7/17/2004	NA	NA	NA	NA	NA	NA	190,000
H1S3-PSC-T24-AITOP	7/17/2004	0.33 B	0.065 B	0.017 U	0.40	23.5	37.1	NA
H1S3-PSC-T0510-AI4	7/16/2004	NA	NA	NA	NA	NA	NA	37,800
H1S3-PSC-T0510-AI4.5	7/16/2004	NA	NA	NA	NA	NA	NA	36,400
H1S3-PSC-T0510-AI5	7/16/2004	NA	NA	NA	NA	NA	NA	35,900
H1S3-PSC-T0510-AI5.5	7/16/2004	NA	NA	NA	NA	NA	NA	33,800
H1S3-PSC-T0510-AI6	7/16/2004	NA	NA	NA	NA	NA	NA	32,600
H1S3-PSC-T0510-AITOP	7/16/2004	NA	NA	NA	NA	NA	NA	28,900
H1S3-PSC-T0800-AI4	7/16/2004	NA	NA	NA	NA	NA	NA	34,100
H1S3-PSC-T0800-AI4.5	7/16/2004	NA	NA	NA	NA	NA	NA	33,800
H1S3-PSC-T0800-AI5	7/16/2004	NA	NA	NA	NA	NA	NA	31,800
H1S3-PSC-T0800-AI5.5	7/16/2004	NA	NA	NA	NA	NA	NA	29,600
H1S3-PSC-T0800-AI6	7/16/2004	NA	NA	NA	NA	NA	NA	28,200
H1S3-PSC-T0800-AITOP	7/16/2004	NA	NA	NA	NA	NA	NA	25,100
H1S3-PSC-T2400-AI3.5	7/17/2004	NA	NA	NA	NA	NA	NA	24,000
H1S3-PSC-T2400-AI4	7/17/2004	NA	NA	NA	NA	NA	NA	23,200
H1S3-PSC-T2400-AI4.5	7/17/2004	NA	NA	NA	NA	NA	NA	22,600
H1S3-PSC-T2400-AI5	7/17/2004	NA	NA	NA	NA	NA	NA	20,600
H1S3-PSC-T2400-AI5.5	7/17/2004	NA	NA	NA	NA	NA	NA	19,000
H1S3-PSC-T2400-AI6	7/17/2004	NA	NA	NA	NA	NA	NA	15,800
H1S3-PSC-T2400-AITOP	7/17/2004	NA	NA	NA	NA	NA	NA	15,300
H2S2-PSC-T0-2	8/3/2004	NA	NA	NA	NA	NA	NA	11,700
H2S2-PSC-T0-4	8/3/2004	NA	NA	NA	NA	NA	NA	12,300
H2S2-PSC-T0-6	8/3/2004	NA	NA	NA	NA	NA	NA	10,900
H2S2-PSC-T1-2	8/3/2004	NA	NA	NA	NA	NA	NA	2,520

TABLE 18
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

PRIMARY SETTLING COLUMN WATER SAMPLE DATA

Sample ID	Date Collected	Aroclor-1221 (mg/L)	Aroclor-1242 (mg/L)	Aroclor-1016, -1232, -1248, -1254, -1260 (mg/L)	Total PCBs (mg/L)	Total Organic Carbon (mg/L)	Dissolved Organic Carbon (mg/L)	Total Suspended Solids (mg/L)
H2S2-PSC-T1-4	8/3/2004	NA	NA	NA	NA	NA	NA	2,490
H2S2-PSC-T1-6	8/3/2004	NA	NA	NA	NA	NA	NA	2,500
H2S2-PSC-T2-2	8/3/2004	NA	NA	NA	NA	NA	NA	2,290
H2S2-PSC-T2-4	8/3/2004	NA	NA	NA	NA	NA	NA	2,280
H2S2-PSC-T2-6	8/3/2004	NA	NA	NA	NA	NA	NA	2,100
H2S2-PSC-T8-2	8/3/2004	NA	NA	NA	NA	NA	NA	1,710
H2S2-PSC-T8-4	8/3/2004	NA	NA	NA	NA	NA	NA	1,700
H2S2-PSC-T8-6	8/3/2004	NA	NA	NA	NA	NA	NA	1,540
H2S2-PSC-T24-2	8/4/2004	NA	NA	NA	NA	NA	NA	1,110
H2S2-PSC-T24-4	8/4/2004	NA	NA	NA	NA	NA	NA	1,280
H2S2-PSC-T24-6	8/4/2004	NA	NA	NA	NA	NA	NA	1,080
H2S2-PSC-T24-TOP	8/4/2004	0.14 [0.12]	0.017 [0.015]	0.0062 U [0.0052 U]	0.16 [0.14]	5.12	3.70	NA
H2S3-PSC-T0-2	8/3/2004	NA	NA	NA	NA	NA	NA	19,000
H2S3-PSC-T0-4	8/3/2004	NA	NA	NA	NA	NA	NA	18,500
H2S3-PSC-T0-6	8/3/2004	NA	NA	NA	NA	NA	NA	18,000
H2S3-PSC-T1-2	8/3/2004	NA	NA	NA	NA	NA	NA	5,050
H2S3-PSC-T1-4	8/3/2004	NA	NA	NA	NA	NA	NA	5,110
H2S3-PSC-T1-6	8/3/2004	NA	NA	NA	NA	NA	NA	5,010
H2S3-PSC-T2-2	8/3/2004	NA	NA	NA	NA	NA	NA	4,270
H2S3-PSC-T2-4	8/3/2004	NA	NA	NA	NA	NA	NA	4,460
H2S3-PSC-T2-6	8/3/2004	NA	NA	NA	NA	NA	NA	4,070
H2S3-PSC-T8-2	8/3/2004	NA	NA	NA	NA	NA	NA	3,110
H2S3-PSC-T8-4	8/3/2004	NA	NA	NA	NA	NA	NA	3,080
H2S3-PSC-T8-6	8/3/2004	NA	NA	NA	NA	NA	NA	3,080
H2S3-PSC-T24-2	8/4/2004	NA	NA	NA	NA	NA	NA	2,350
H2S3-PSC-T24-4	8/4/2004	NA	NA	NA	NA	NA	NA	2,380
H2S3-PSC-T24-6	8/4/2004	NA	NA	NA	NA	NA	NA	2,270
H2S3-PSC-T24-TOP	8/4/2004	0.12	0.034	0.0052 U	0.15	8.00	5.64	NA
H2S4B-PSC-T0-2	8/5/2004	NA	NA	NA	NA	NA	NA	49,400
H2S4B-PSC-T0-4	8/5/2004	NA	NA	NA	NA	NA	NA	50,000
H2S4B-PSC-T0-6	8/5/2004	NA	NA	NA	NA	NA	NA	43,500
H2S4B-PSC-T1-2	8/5/2004	NA	NA	NA	NA	NA	NA	47,400
H2S4B-PSC-T1-4	8/5/2004	NA	NA	NA	NA	NA	NA	39,900
H2S4B-PSC-T1-6	8/5/2004	NA	NA	NA	NA	NA	NA	5,030
H2S4B-PSC-T1-AI5	8/5/2004	NA	NA	NA	NA	NA	NA	5,260
H2S4B-PSC-T2-2	8/5/2004	NA	NA	NA	NA	NA	NA	53,600
H2S4B-PSC-T2-3.5	8/6/2004	NA	NA	NA	NA	NA	NA	4,030
H2S4B-PSC-T2-4	8/5/2004	NA	NA	NA	NA	NA	NA	4,180
H2S4B-PSC-T2-6	8/5/2004	NA	NA	NA	NA	NA	NA	6,060
H2S4B-PSC-T8-2	8/5/2004	NA	NA	NA	NA	NA	NA	3,120
H2S4B-PSC-T8-4	8/5/2004	NA	NA	NA	NA	NA	NA	3,240
H2S4B-PSC-T8-6	8/5/2004	NA	NA	NA	NA	NA	NA	2,910
H2S4B-PSC-T8-AI2	8/5/2004	NA	NA	NA	NA	NA	NA	3,290

TABLE 18
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

DRAFT
PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT
PREPARED AT THE REQUEST OF COUNSEL

PRIMARY SETTLING COLUMN WATER SAMPLE DATA

Sample ID	Date Collected	Aroclor-1221 (mg/L)	Aroclor-1242 (mg/L)	Aroclor-1016, -1232, -1248, -1254, -1260 (mg/L)	Total PCBs (mg/L)	Total Organic Carbon (mg/L)	Dissolved Organic Carbon (mg/L)	Total Suspended Solids (mg/L)
H2S4B-PSC-T24-2	8/6/2004	NA	NA	NA	NA	NA	NA	2,660
H2S4B-PSC-T24-4	8/6/2004	NA	NA	NA	NA	NA	NA	2,660
H2S4B-PSC-T24-6	8/6/2004	NA	NA	NA	NA	NA	NA	1,960
H2S4B-PSC-T24-AI1.5	8/6/2004	NA	NA	NA	NA	NA	NA	2,990
H2S4B-PSC-T24-AITOP	8/6/2004	0.23 B [0.17 B]	0.019 J [0.014 J]	0.010 U [0.010 U]	0.25 J [0.18 J]	15.4	5.20	NA
H2S4B-PSC-T24-AITOP-DUP	8/6/2004	NA	NA	NA	NA	8.31	NA	NA

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. (BBL), and were submitted to Northeast Analytical Services, Inc. for analysis.
2. U = Indicates the constituent was not detected. The value preceding the U indicates the laboratory quantitation limit.
3. As specified in the *Treatability Studies Work Plan* (BBL, 2004), data validation was performed on approximately 10% of the analytical data set.
4. NA - Not analyzed.
5. mg/L = milligrams per liter.
6. Laboratory Data Qualifiers:
   Organics (PCBs)
   B - Analyte was also detected in the associated method blank.
   J - Indicates an estimated value.

TABLE 19
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

DRAFT
PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT
PREPARED AT THE REQUEST OF COUNSEL

PLATE AND FRAME FILTER PRESS FILTRATE SAMPLE DATA

Sample ID	Date Collected	Aroclor-1221 (mg/L)	Aroclor-1242 (mg/L)	Aroclor-1016, -1232, -1248 -1254, -1260 (mg/L)	Total PCBs (mg/L)	Total Organic Carbon (mg/L)	Dissolved Organic Carbon (mg/L)	Total Suspended Solids (mg/L)	pH (pH Units)
PFP-01-5 TO 30	7/27/2004	0.0097	0.00045 J	0.00042 U	0.010 J	NA	NA	37.6	NA
PFP-01-5 TO 30-DUP	7/27/2004	NA	NA	NA	NA	NA	NA	40.8	NA
PFP-01-30	7/27/2004	0.014	0.00062 U	0.00062 U	0.014	NA	NA	7.8	NA
PFP-01-30 TO 60	7/27/2004	0.0038	0.00021 U	0.00021 U	0.0038	NA	NA	4.6	NA
PFP-04-5 TO 30	7/28/2004	0.038	0.0010 U	0.0010 U	0.038	NA	NA	4.8	NA
PFP-04-30	7/28/2004	0.031	0.0010 U	0.0010 U	0.031	NA	NA	2.0	NA
PFP-04-30 TO 60	7/28/2004	0.036	0.0010 U	0.0010 U	0.036	NA	NA	2.0	NA
PFP-04-60	7/28/2004	0.046	0.0021 U	0.0021 U	0.046	NA	NA	2.0	NA
PFP-04-60 TO 90	7/28/2004	0.037	0.0010 U	0.0010 U	0.037	NA	NA	2.0	NA
PFP-17-FILTRATE	8/3/2004	0.0048	0.00021 U	0.00021 U	0.0048	5.51	NA	5.31	7.01
PFP-17-FILTRATE-DUP	8/3/2004	0.0051	0.00021 U	0.00021 U	0.0051	7.14	NA	7.07	7.02
PFP-28-FILTRATE	8/9/2004	0.00052	0.000031 U	0.000031 U	0.00052	3.7	3.63	2.0	NA
PFP-28-FILTRATE-DUP	8/9/2004	0.00043	0.000021 U	0.000021 U	0.00043	3.59	3.65	2.0	NA
PFP-35-FILTRATE	8/10/2004	0.011	0.00052 U	0.00052 U	0.011	12.9	11.6	38.6	NA
PFP-35-FILTRATE-DUP	8/10/2004	0.0087	0.00042 U	0.00042 U	0.0087	13.8	12.2	42.4	NA

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. (BBL), and were submitted to Northeast Analytical Services, Inc. for analysis.
2. U = Indicates the constituent was not detected. The value preceding the U indicates the laboratory quantitation limit.
3. As specified in the *Treatability Studies Work Plan* (BBL, 2004), data validation was performed on approximately 10% of the analytical data set.
4. NA - Not analyzed.
5. mg/L = milligrams per liter.
6. Laboratory Data Qualifiers:
   Organics (PCBs)
   J - Indicates an estimated value.

TABLE 20
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

PLATE AND FRAME FILTER PRESS CAKE SAMPLE DATA

Sample ID: / Date Collected:	PFP-17 9/8/2004	PFP-17-FC 8/2/2004	PFP-17-FC-DUP 8/2/2004	PFP-28-CAKE 8/9/2004	PFP-28-CAKE-DUP 8/9/2004
PCBs (mg/Kg)					
Aroclor-1016	NA	1.0 U	0.98 U	0.18 U	0.17 U
Aroclor-1221	NA	120	120	15	14
Aroclor-1232	NA	1.0 U	0.98 U	0.18 U	0.17 U
Aroclor-1242	NA	34	33	12	12
Aroclor-1248	NA	1.0 U	0.98 U	0.18 U	0.17 U
Aroclor-1254	NA	1.0 U	0.98 U	0.18 U	0.17 U
Aroclor-1260	NA	1.0 U	0.98 U	0.18 U	0.17 U
Total PCBs	NA	154	153	27	26
Atterberg Limits					
Liquid Limit	0	59	NA	67	NA
Plastic Limit	0	0	NA	50	NA
Plasticity Index	0	0	NA	17	NA
TOC (mg/Kg)					
Total Organic Carbon	35,000	NA	NA	NA	NA
PCDD/PCDFs (mg/Kg)					
2,3,7,8-TCDF	NA	0.00000666	NA	0.000000451 J	0.0000270
TCDFs (total)	NA	0.000121 J	NA	0.00000234 J	0.000108 J
1,2,3,7,8-PeCDF	NA	0.00000200 J	NA	0.000000154 J	0.00000242 J
2,3,4,7,8-PeCDF	NA	0.00000889	NA	0.000000209 J	0.00000945 J
PeCDFs (total)	NA	0.0000328 J	NA	0.00000232 J	0.0000645 J
1,2,3,4,7,8-HxCDF	NA	0.00000552	NA	0.000000333 J	0.00000601 J
1,2,3,6,7,8-HxCDF	NA	0.00000363 J	NA	0.000000338 J	0.00000419 J
1,2,3,7,8,9-HxCDF	NA	0.00000121 J	NA	0.00000447 U	0.0000787 U
2,3,4,6,7,8-HxCDF	NA	0.00000402 J	NA	U	0.00000412 J
HxCDFs (total)	NA	0.000114 J	NA	0.00000433 J	0.000112 J
1,2,3,4,6,7,8-HpCDF	NA	0.0000861	NA	0.00000326 J	0.000105 J
1,2,3,4,7,8,9-HpCDF	NA	0.00000511	NA	0.000000242 J	0.00000696 J
HpCDFs (total)	NA	0.000278	NA	0.00000646 J	0.000356 J
OCDF	NA	0.000262	NA	0.00000382 J	0.000293 J
2,3,7,8-TCDD	NA	0.000000975 UJ	NA	0.000000895 U	0.0000157 U
TCDDs (total)	NA	0.0000101 J	NA	0.0000461 J	0.00000255 J
1,2,3,7,8-PeCDD	NA	0.00000488 U	NA	0.000000956 J	0.0000787 U
PeCDDs (total)	NA	0.0000267 J	NA	0.0000851	0.0000328 J
1,2,3,4,7,8-HxCDD	NA	0.00000434 J	NA	0.00000209 J	0.0000787 U
1,2,3,6,7,8-HxCDD	NA	0.0000175	NA	0.00000427 J	0.0000118 J
1,2,3,7,8,9-HxCDD	NA	0.00000829	NA	0.0000138	0.00000690 J
HxCDDs (total)	NA	0.000270 J	NA	0.000468	0.000169
1,2,3,4,6,7,8-HpCDD	NA	0.000465	NA	0.000181	0.000390
HpCDDs (total)	NA	0.000975	NA	0.000727	0.00107
OCDD	NA	0.00452 EJ	NA	0.00256	0.00708
Total TEQs (WHO TEFs)	NA	0.0000186	NA	0.00000600	0.0000717
TAL Metals (mg/Kg)					
Aluminum	NA	13,800	14,100	18,400	17,900
Antimony	NA	1.90 J	1.90 J	0.250	0.310
Arsenic	NA	3.20 J	3.30 J	6.30	6.00
Barium	NA	124 X	134	298 J	263 J
Beryllium	NA	0.610	0.590	1.00	0.950
Cadmium	NA	13.0 J	15.1 J	2.70	3.00
Calcium	NA	5,050	5,260	3,380	3,280
Chromium	NA	221	229	113 J	110 J
Cobalt	NA	8.50	8.80	12.8	12.2
Copper	NA	42.8	45.8	49.0	46.5
Iron	NA	18,200	19,100	27,200 J	26,100 J
Lead	NA	253	270	95.4	92.0
Magnesium	NA	3,510	4,760	5,090	4,940
Manganese	NA	237 J	245 J	489	471
Mercury	NA	1.50	1.60	0.520	0.450
Nickel	NA	17.6	18.5	30.4	29.1
Potassium	NA	1,050	1,140	3,760 J	3,310 J
Selenium	NA	1.60	1.60	1.70	1.60
Silver	NA	0.360	0.430	0.270	0.270
Sodium	NA	172	169	191	187
Thallium	NA	0.450 J	0.210 J	0.540 J	0.250 J
Vanadium	NA	39.6	42.1	42.3 J	40.2 J
Zinc	NA	239	244 J	212 J	199 J
Percent Solids (%)					
Percent Solids	69.6	65.2	64.3	62.2	61.9

TABLE 20
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

PLATE AND FRAME FILTER PRESS CAKE SAMPLE DATA

Sample ID: / Date Collected:	PFP-33 9/8/2004	PFP-35 9/8/2004	PFP-35-Cake 8/10/2004	PFP-35-Cake-DUP 8/10/2004	PFP-40 9/8/2004
PCBs (mg/Kg)					
Aroclor-1016	NA	NA	3.7 U	3.8 U	NA
Aroclor-1221	NA	NA	380	440	NA
Aroclor-1232	NA	NA	3.7 U	3.8 U	NA
Aroclor-1242	NA	NA	54	59	NA
Aroclor-1248	NA	NA	3.7 U	3.8 U	NA
Aroclor-1254	NA	NA	3.7 U	3.8 U	NA
Aroclor-1260	NA	NA	3.7 U	3.8 U	NA
Total PCBs	NA	NA	434	499	NA
Atterberg Limits					
Liquid Limit	0	0	72	NA	0
Plastic Limit	0	0	0	NA	0
Plasticity Index	0	0	0	NA	0
TOC (mg/Kg)					
Total Organic Carbon	25,000	59,000	NA	NA	1,200 U
PCDD/PCDFs (mg/Kg)					
2,3,7,8-TCDF	NA	NA	0.0000427	0.0000466	NA
TCDFs (total)	NA	NA	0.00111 Q	0.00115 Q	NA
1,2,3,7,8-PeCDF	NA	NA	0.0000133 Q	0.0000136 Q	NA
2,3,4,7,8-PeCDF	NA	NA	0.0000996	0.0000983 Q	NA
PeCDFs (total)	NA	NA	0.000656 Q	0.000608 Q	NA
1,2,3,4,7,8-HxCDF	NA	NA	0.0000487	0.0000491	NA
1,2,3,6,7,8-HxCDF	NA	NA	0.0000239	0.0000248	NA
1,2,3,7,8,9-HxCDF	NA	NA	0.0000126	0.0000125	NA
2,3,4,6,7,8-HxCDF	NA	NA	0.0000261	0.0000262	NA
HxCDFs (total)	NA	NA	0.000446 Q	0.000466 Q	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	0.000441	0.000446	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	0.0000341	0.0000366	NA
HpCDFs (total)	NA	NA	0.00152	0.00151	NA
OCDF	NA	NA	0.00124	0.00124	NA
2,3,7,8-TCDD	NA	NA	0.000000990 U	0.000000991 U	NA
TCDDs (total)	NA	NA	0.0000285 Q	0.0000198 Q	NA
1,2,3,7,8-PeCDD	NA	NA	0.0000105	0.0000105	NA
PeCDDs (total)	NA	NA	0.000215 Q	0.000203 Q	NA
1,2,3,4,7,8-HxCDD	NA	NA	0.0000181	0.0000192	NA
1,2,3,6,7,8-HxCDD	NA	NA	0.0000828	0.0000821	NA
1,2,3,7,8,9-HxCDD	NA	NA	0.0000405	0.0000397	NA
HxCDDs (total)	NA	NA	0.000512 Q	0.000928 Q	NA
1,2,3,4,6,7,8-HpCDD	NA	NA	0.00287 E	0.00252 E	NA
HpCDDs (total)	NA	NA	0.00644	0.00568	NA
OCDD	NA	NA	0.0324 E	0.0321 E	NA
Total TEQs (WHO TEFs)	NA	NA	0.000128	0.000124	NA
TAL Metals (mg/Kg)					
Aluminum	NA	NA	16,800	16,900	NA
Antimony	NA	NA	3.00	3.40	NA
Arsenic	NA	NA	4.20	4.30	NA
Barium	NA	NA	146	145	NA
Beryllium	NA	NA	0.710	0.720	NA
Cadmium	NA	NA	38.8	38.0	NA
Calcium	NA	NA	5,970	6,160	NA
Chromium	NA	NA	589	608	NA
Cobalt	NA	NA	9.00	9.10	NA
Copper	NA	NA	88.7	88.9	NA
Iron	NA	NA	21,000	21,200	NA
Lead	NA	NA	647	648	NA
Magnesium	NA	NA	4,090	4,180	NA
Manganese	NA	NA	197	201	NA
Mercury	NA	NA	5.60	5.00	NA
Nickel	NA	NA	22.9	23.3	NA
Potassium	NA	NA	1,670	1,700	NA
Selenium	NA	NA	1.80	1.90	NA
Silver	NA	NA	0.860	0.960	NA
Sodium	NA	NA	235	244	NA
Thallium	NA	NA	0.230	0.220	NA
Vanadium	NA	NA	55.4	62.2	NA
Zinc	NA	NA	560	551	NA
Percent Solids (%)					
Percent Solids	62.8	60.1	61.1	59.6	49.2

TABLE 20
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

PLATE AND FRAME FILTER PRESS CAKE SAMPLE DATA

Sample ID: / Date Collected:	PFP-41 8/17/2004	PFP-45 8/17/2004	PFP-45-DUP 8/17/2004	PFP-47 9/8/2004
PCBs (mg/Kg)				
Aroclor-1016	2.4 U	2.0 U	1.9 U	NA
Aroclor-1221	380	290	280	NA
Aroclor-1232	2.4 U	2.0 U	1.9 U	NA
Aroclor-1242	71	48	47	NA
Aroclor-1248	2.4 U	2.0 U	1.9 U	NA
Aroclor-1254	2.4 U	2.0 U	1.9 U	NA
Aroclor-1260	2.4 U	2.0 U	1.9 U	NA
Total PCBs	451	338	327	NA
Atterberg Limits				
Liquid Limit	92	75	NA	0
Plastic Limit	0	0	NA	0
Plasticity Index	0	0	NA	0
TOC (mg/Kg)				
Total Organic Carbon	NA	NA	NA	110,000 J
PCDD/PCDFs (mg/Kg)				
2,3,7,8-TCDF	0.0000465	0.0000426	0.0000412	NA
TCDFs (total)	0.00116 J	0.00116 J	0.00117 J	NA
1,2,3,7,8-PeCDF	0.0000166 J	0.0000124 J	0.0000119 J	NA
2,3,4,7,8-PeCDF	0.000115	0.0000890 J	0.0000842 J	NA
PeCDFs (total)	0.000692 J	0.000535 J	0.000565 J	NA
1,2,3,4,7,8-HxCDF	0.0000559	0.0000484	0.0000476	NA
1,2,3,6,7,8-HxCDF	0.0000284	0.0000344	0.0000319	NA
1,2,3,7,8,9-HxCDF	0.0000147	0.0000119	0.0000113	NA
2,3,4,6,7,8-HxCDF	0.0000313	0.0000310	0.0000299	NA
HxCDFs (total)	0.000508 J	0.000639 J	0.000591 J	NA
1,2,3,4,6,7,8-HpCDF	0.000555	0.000652	0.000620	NA
1,2,3,4,7,8,9-HpCDF	0.0000458	0.0000477	0.0000457	NA
HpCDFs (total)	0.00199	0.00222	0.00216	NA
OCDF	0.00157	0.00154	0.00181	NA
2,3,7,8-TCDD	0.00000100 UJ	0.000000976 UJ	0.00000590 J	NA
TCDDs (total)	0.0000866 J	0.000110 J	0.000133 J	NA
1,2,3,7,8-PeCDD	0.0000132	0.0000152	0.0000145	NA
PeCDDs (total)	0.000101 J	0.000314 J	0.000310 J	NA
1,2,3,4,7,8-HxCDD	0.0000196	0.0000258	0.0000293	NA
1,2,3,6,7,8-HxCDD	0.0000968	0.000135	0.000139	NA
1,2,3,7,8,9-HxCDD	0.0000449	0.0000616	0.0000657	NA
HxCDDs (total)	0.000537 J	0.00249 J	0.000963 J	NA
1,2,3,4,6,7,8-HpCDD	0.00322	0.00482	0.00510	NA
HpCDDs (total)	0.00735	0.0105	0.0111	NA
OCDD	0.0413	0.0441	0.0473	NA
Total TEQs (WHO TEFs)	0.000148	0.000160	0.000165	NA
TAL Metals (mg/Kg)				
Aluminum	16,600	18,200	25,100	NA
Antimony	2.80 J	2.20 J	3.00 J	NA
Arsenic	4.40	4.50	6.70	NA
Barium	148	188	259	NA
Beryllium	0.650	0.730	0.960	NA
Cadmium	38.2	29.4	39.7	NA
Calcium	5,620 J	3,730 J	5,080 J	NA
Chromium	614	622	882	NA
Cobalt	8.00	10.5	14.8	NA
Copper	84.4	88.7	123	NA
Iron	19,300	21,500	29,700	NA
Lead	717	619	861	NA
Magnesium	3,560	4,040	5,480	NA
Manganese	181 J	216 J	285 J	NA
Mercury	2.60	2.20	NA	NA
Nickel	21.3	26.1	36.2	NA
Potassium	1,840	1,920	2,800	NA
Selenium	2.60	2.20	3.20	NA
Silver	1.10	0.820	0.940	NA
Sodium	225	230	330	NA
Thallium	0.220 J	0.610 J	0.380 J	NA
Vanadium	65.4 J	64.3 J	96.3 J	NA
Zinc	543 J	395 J	588 J	NA
Percent Solids (%)				
Percent Solids	45.6	55.3	60.0	50.2

TABLE 20
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

PLATE AND FRAME FILTER PRESS CAKE SAMPLE DATA

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. (BBL), and were submitted to Severn Trent Laboratories, Inc. (Pittsburgh and Burlington), Paradigm Analytical Laboratories and Northeast Analytical Services, Inc. for analysis.
2. U = Indicates the constituent was not detected. The value preceding the U indicates the laboratory quantitation limit.
3. As specified in the *Treatability Studies Work Plan* (BBL, 2004), data validation was performed on approximately 10% of the analytical data set.
4. 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.
5. Results are presented in dry weight.
6. mg/Kg = milligrams per kilogram.
7. NA - Not analyzed.
8. Laboratory Data Qualifiers:

   Organics (PCBs, PCDD/PCDFs)
   - E - Analyte exceeded calibration range.
   - J - Indicates an estimated value.
   - Q - Indicates the presence of quantitative interferences.

   Inorganics (TAL Metals)
   - J - Indicates an estimated value.
   - X - Method blank contamination.

TABLE 21
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

DRAFT
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ATTORNEY WORK PRODUCT
PREPARED AT THE REQUEST OF COUNSEL

PLATE AND FRAME FILTER PRESS CAKE TCLP SAMPLE DATA

Sample ID: / Date Collected:	PFP-17-FC 8/2/2004	PFP-17-FC-DUP 8/2/2004	PFP-28-CAKE 8/9/2004	PFP-28-CAKE-DUP 8/9/2004	PFP-35-CAKE 8/10/2004	PFP-35-CAKE-DUP 8/10/2004	PFP-41 8/17/2004	PFP-45 8/17/2004	PFP-45-DUP 8/17/2004
VOCs - TCLP (mg/L)									
1,1-Dichloroethene	0.050 UJ	0.050 UJ	0.050 U	0.050 U	0.050 U	0.050 U	0.050 UJ	0.050 UJ	0.050 UJ
1,2-Dichloroethane	0.050 UJ	0.050 UJ	0.050 U	0.050 U	0.050 U	0.050 U	0.050 UJ	0.050 UJ	0.050 UJ
2-Butanone	0.050 UJ	0.050 UJ	0.050 UJ	0.050 UJ	0.050 U	0.050 U	0.050 UJ	0.050 UJ	0.050 UJ
Benzene	0.050 UJ	0.050 UJ	0.050 U	0.050 U	0.050 U	0.050 U	0.050 UJ	0.050 UJ	0.050 UJ
Carbon Tetrachloride	0.050 UJ	0.050 UJ	0.050 U	0.050 U	0.050 U	0.050 U	0.050 UJ	0.050 UJ	0.050 UJ
Chlorobenzene	0.050 UJ	0.050 UJ	0.050 U	0.050 U	0.050 U	0.050 U	0.050 UJ	0.050 UJ	0.050 UJ
Chloroform	0.050 UJ	0.050 UJ	0.050 U	0.050 U	0.050 U	0.050 U	0.050 UJ	0.050 UJ	0.050 UJ
Tetrachloroethene	0.050 UJ	0.050 UJ	0.050 U	0.050 U	0.050 U	0.050 U	0.050 UJ	0.050 UJ	0.050 UJ
Trichloroethene	0.050 UJ	0.050 UJ	0.050 U	0.050 U	0.050 U	0.050 U	0.050 UJ	0.050 UJ	0.050 UJ
Vinyl Chloride	0.050 UJ	0.050 UJ	0.050 U	0.050 U	0.050 U	0.050 U	0.050 UJ	0.050 UJ	0.050 UJ
SVOCs - TCLP (mg/L)									
1,4-Dichlorobenzene	0.050 UJ	0.050 UJ	0.050 UJ	0.050 UJ	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
2,4,5-Trichlorophenol	0.050 UJ	0.050 UJ	0.050 UJ	0.050 UJ	0.050 U	0.050 U	0.050 UJ	0.050 UJ	0.050 UJ
2,4,6-Trichlorophenol	0.050 UJ	0.050 UJ	0.050 UJ	0.050 UJ	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
2,4-Dinitrotoluene	0.050 UJ	0.050 UJ	0.050 UJ	0.050 UJ	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Cresol	0.050 UJ	0.050 UJ	0.050 UJ	0.050 UJ	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Hexachlorobenzene	0.050 UJ	0.050 UJ	0.050 UJ	0.050 UJ	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Hexachlorobutadiene	0.050 UJ	0.050 UJ	0.050 UJ	0.050 UJ	0.050 U	0.050 U	0.050 UJ	0.050 UJ	0.050 UJ
Hexachloroethane	0.050 UJ	0.050 UJ	0.050 UJ	0.050 UJ	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Nitrobenzene	0.050 UJ	0.050 UJ	0.050 UJ	0.050 UJ	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Pentachlorophenol	0.25 UJ	0.25 UJ	0.25 UJ	0.25 UJ	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Pyridine	0.0025 J	0.10 UJ	0.10 UJ	0.10 UJ	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Pesticides - TCLP (mg/L)									
Endrin	0.00050 UJ	0.00050 UJ	0.00050 UJ	0.00050 UJ	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U
Gamma-BHC (Lindane)	0.00050 UJ	0.00050 UJ	0.00050 UJ	0.00050 UJ	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U
Heptachlor	0.00050 UJ	0.00050 UJ	0.00050 UJ	0.00050 UJ	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U
Heptachlor Epoxide	0.00050 UJ	0.00050 UJ	0.00050 UJ	0.00050 UJ	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U
Methoxychlor	0.00050 UJ	0.00050 UJ	0.00050 UJ	0.00050 UJ	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U
Technical Chlordane	0.0050 UJ	0.0050 UJ	0.0050 UJ	0.0050 UJ	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Toxaphene	0.020 UJ	0.020 UJ	0.020 UJ	0.020 UJ	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
Herbicides-TCLP (mg/L)									
2,4,5-TP	0.010 UJ	0.010 UJ	0.010 UJ	0.010 UJ	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
2,4-D	0.040 UJ	0.040 UJ	0.040 UJ	0.040 UJ	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U
Inorganics - TCLP (mg/L)									
Arsenic	0.170 B	0.210 B	0.16 U	0.17 U	0.140 B	0.160 B	0.110 U	0.160 U	0.140 U
Barium	0.610 B	0.640 B	0.580 B	0.610 B	0.670 XB	0.630 XB	0.560 B	0.720 B	0.960 B
Cadmium	0.0840 B	0.0870 B	0.0130 B	0.0150 B	0.170	0.180	0.210	0.180	0.160
Chromium	0.0170 B	0.0170 B	0.00670 B	0.00760 B	0.0380 B	0.0360 B	0.0390 B	0.0410 B	0.0380 B
Lead	0.310 B	0.310 B	0.0460 B	0.0470 B	1.00	0.990	1.10	1.20	1.20
Mercury	0.000200 U	0.000200 U	0.000200 U	0.000200 U	0.000200 U	0.000200 U	0.000200 U	0.000200 U	0.000200 U
Selenium	0.250 U	0.250 U	0.250 U	0.250 U	0.250 U	0.250 U	0.250 U	0.250 U	0.250 U
Silver	0.500 UJ	0.500 UJ	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ	0.500 UJ

TABLE 21
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

PLATE AND FRAME FILTER PRESS CAKE TCLP SAMPLE DATA

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. (BBL), and were submitted to Severn Trent Laboratories, Inc. Piittsburgh for analysis.
2. U = Indicates the constituent was not detected. The value preceding the U indicates the laboratory quantitation limit.
2. As specified in the *Treatability Studies Work Plan* (BBL, 2004), data validation was performed on approximately 10% of the analytical data
3. set.
   mg/L = milligrams per liter.
5.
   Laboratory Data Qualifiers:
6. Organics (Volatiles, Semivolatiles, Pesticides, Herbicides)
   J - Indicates an estimated value.
   Inorganics (Metals)
   B - Indicates an estimated value between the instrument detection limit and practical quantitation limit (PQL).
   J - Indicates an estimated value.
   X - Method blank contamination.

TABLE 22
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

PLATE AND FRAME FILTER PRESS CAKE ADDITIONAL SAMPLE DAT/

Sample ID: / Date Collected:	PFP-17 9/8/2004	PFP-33 9/8/2004	PFP-35 9/8/2004	PFP-40 9/8/2004	PFP-47 9/8/2004
Soil Classification (% of Total Sample)					
Gravel	0.0	0.0	0.0	0.0	0.0
Sand	36.7	17.5	15.8	7.3	21.7
Coarse Sand	0.0	0.0	0.0	0.0	0.0
Medium Sand	4.2	0.7	1.4	1.4	1.8
Fine Sand	32.5	16.8	14.4	5.9	19.9
Silt	55.6	64.4	67.1	67.5	62.3
Clay	7.7	18.1	17.1	25.2	16.0
Finer than #200	55.2	81.8	79.3	90.6	61.4
Grain Size - Hydrometer (% Finer/Particle Size um)					
HYD01	29.6 / 36	58.0 / 32	62.6 / 34	91.0 / 35	64.3 / 33
HYD02	22.3 / 23	54.8 / 20	54.8 / 22	78.4 / 23	52.7 / 22
HYD03	16.2 / 13.7	42.0 / 12.3	42.4 / 13.3	55.0 / 14.3	39.5 / 13.4
HYD04	11.3 / 9.9	27.7 / 9.2	28.2 / 10.1	36.1 / 10.4	21.8 / 10.0
HYD05	7.7 / 7.2	18.1 / 6.7	17.1 / 7.1	25.2 / 7.7	16.0 / 7.4
HYD06	3.6 / 3.5	11.2 / 3.3	10.9 / 3.6	18.9 / 3.9	10.2 / 3.8
HYD07	2.8 / 1.5	5.3 / 1.4	6.7 / 1.5	11.2 / 1.6	6.3 / 1.5
Grain Size - Sieve (% Finer)					
#10/2 mm	100.0	100.0	100.0	100.0	100.0
#20/0.85 mm	97.8	99.8	99.5	99.4	99.5
#40/0.425 mm	95.8	99.3	98.6	98.6	98.2
#60/0.25 mm	93.2	98.5	97.1	97.6	95.8
#80/0.18 mm	89.7	97.3	95.0	96.6	92.1
#100/0.15 mm	87.1	96.1	93.9	96.1	89.8
#200/0.075 mm	63.3	82.5	84.2	92.7	78.3
Specific Gravity					
Specific Gravity	2.48	2.62	2.36	2.21	2.36

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. (BBL), and were submitted to Severn Trent Laboratories, Inc. Burlington for analysis.
2. As specified in the *Treatability Studies Work Plan* (BBL, 2004), data validation was performed on approximately 10% of the analytical data set.
3. um = micrometer and mm = millimeter.

TABLE 23
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

FILTRATE SETTLING WATER SAMPLE DATA

Sample ID: / Date Collected:	H1S1-SETTLED FILTRATE-BOTTOM 9/2/2004	H1S1-SETTLED FILTRATE-MIDDLE 9/2/2004	H1S1-SETTLED FILTRATE-TOP 9/2/2004	H1S2-SETTLED FILTRATE-BOTTOM 9/2/2004	H1S2-SETTLED FILTRATE-MIDDLE 9/2/2004
PCBs (mg/L)					
Aroclor-1016	NA	NA	0.000010 U	NA	NA
Aroclor-1221	NA	NA	0.000080	NA	NA
Aroclor-1232	NA	NA	0.000010 U	NA	NA
Aroclor-1242	NA	NA	0.000010 U	NA	NA
Aroclor-1248	NA	NA	0.000010 U	NA	NA
Aroclor-1254	NA	NA	0.000010 U	NA	NA
Aroclor-1260	NA	NA	0.000010 U	NA	NA
Total PCBs	NA	NA	0.000080 J	NA	NA
TSS (mg/L)					
Total Suspended Solids	2.27 U	2.13 U	1.96 U	2.63 U	2.53 U
PCDD/PCDFs (mg/L)					
2,3,7,8-TCDF	NA	NA	0.0000000100 U	NA	NA
TCDFs (total)	NA	NA	0.0000000100 U	NA	NA
1,2,3,7,8-PeCDF	NA	NA	0.0000000500 U	NA	NA
2,3,4,7,8-PeCDF	NA	NA	0.0000000500 U	NA	NA
PeCDFs (total)	NA	NA	0.0000000500 U	NA	NA
1,2,3,4,7,8-HxCDF	NA	NA	0.0000000500 U	NA	NA
1,2,3,6,7,8-HxCDF	NA	NA	0.0000000500 U	NA	NA
1,2,3,7,8,9-HxCDF	NA	NA	0.0000000500 U	NA	NA
2,3,4,6,7,8-HxCDF	NA	NA	0.0000000500 U	NA	NA
HxCDFs (total)	NA	NA	0.0000000500 U	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	0.0000000500 U	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	0.0000000500 U	NA	NA
HpCDFs (total)	NA	NA	0.0000000500 U	NA	NA
OCDF	NA	NA	0.000000100 U	NA	NA
2,3,7,8-TCDD	NA	NA	0.0000000100 U	NA	NA
TCDDs (total)	NA	NA	0.0000000100 U	NA	NA
1,2,3,7,8-PeCDD	NA	NA	0.0000000500 U	NA	NA
PeCDDs (total)	NA	NA	0.0000000500 U	NA	NA
1,2,3,4,7,8-HxCDD	NA	NA	0.0000000500 U	NA	NA
1,2,3,6,7,8-HxCDD	NA	NA	0.0000000500 U	NA	NA
1,2,3,7,8,9-HxCDD	NA	NA	0.0000000500 U	NA	NA
HxCDDs (total)	NA	NA	0.0000000500 U	NA	NA
1,2,3,4,6,7,8-HpCDD	NA	NA	0.0000000500 U	NA	NA
HpCDDs (total)	NA	NA	0.0000000500 U	NA	NA
OCDD	NA	NA	0.000000100 U	NA	NA
Total TEQs (WHO TEFs)	NA	NA	0.0000000625	NA	NA
TAL Metals (mg/L)					
Aluminum	NA	NA	0.00530 B	NA	NA
Antimony	NA	NA	0.000710 B	NA	NA
Arsenic	NA	NA	0.00120	NA	NA
Barium	NA	NA	0.0269	NA	NA
Beryllium	NA	NA	0.00100 U	NA	NA
Cadmium	NA	NA	0.00100 U	NA	NA
Calcium	NA	NA	9.58	NA	NA
Chromium	NA	NA	0.00180 B	NA	NA
Cobalt	NA	NA	0.000310 B	NA	NA
Copper	NA	NA	0.00190 B	NA	NA
Iron	NA	NA	0.0500 U	NA	NA
Lead	NA	NA	0.000180 B	NA	NA
Magnesium	NA	NA	1.44	NA	NA
Manganese	NA	NA	0.281	NA	NA
Mercury	NA	NA	0.000200 U	NA	NA
Nickel	NA	NA	0.00110	NA	NA
Potassium	NA	NA	1.22	NA	NA
Selenium	NA	NA	0.00500 U	NA	NA
Silver	NA	NA	0.00100 U	NA	NA
Sodium	NA	NA	7.39 X	NA	NA
Thallium	NA	NA	0.000160 B	NA	NA
Vanadium	NA	NA	0.000690 B	NA	NA
Zinc	NA	NA	0.0128	NA	NA

TABLE 23
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

FILTRATE SETTLING WATER SAMPLE DATA

Sample ID: / Date Collected:	H1S2-SETTLED FILTRATE-TOP 9/2/2004	H1S3-SETTLED FILTRATE-BOTTOM 9/2/2004	H1S3-SETTLED FILTRATE-MIDDLE 9/2/2004	H1S3-SETTLED FILTRATE-TOP 9/2/2004	H1S4B-SETTLED FILTRATE-BOTTOM 9/2/2004
PCBs (mg/L)					
Aroclor-1016	0.000052 U	NA	NA	0.000010 U	NA
Aroclor-1221	0.00098	NA	NA	0.000040	NA
Aroclor-1232	0.000052 U	NA	NA	0.000010 U	NA
Aroclor-1242	0.000052 U	NA	NA	0.000010 U	NA
Aroclor-1248	0.000052 U	NA	NA	0.000010 U	NA
Aroclor-1254	0.000052 U	NA	NA	0.000010 U	NA
Aroclor-1260	0.000052 U	NA	NA	0.000010 U	NA
Total PCBs	0.00098	NA	NA	0.000040 J	NA
TSS (mg/L)					
Total Suspended Solids	2.25 U	1.96 U	1.96 U	1.96 U	12.0
PCDD/PCDFs (mg/L)					
2,3,7,8-TCDF	0.00000000984 U	NA	NA	0.00000000994 U	NA
TCDFs (total)	0.00000000984 U	NA	NA	0.00000000994 U	NA
1,2,3,7,8-PeCDF	0.0000000492 U	NA	NA	0.00000000531 J	NA
2,3,4,7,8-PeCDF	0.0000000492 U	NA	NA	0.00000000485 J	NA
PeCDFs (total)	0.0000000492 U	NA	NA	0.0000000102 J	NA
1,2,3,4,7,8-HxCDF	0.0000000492 U	NA	NA	0.00000000370 J	NA
1,2,3,6,7,8-HxCDF	0.0000000492 U	NA	NA	0.0000000497 U	NA
1,2,3,7,8,9-HxCDF	0.0000000492 U	NA	NA	0.0000000497 U	NA
2,3,4,6,7,8-HxCDF	0.0000000492 U	NA	NA	0.00000000330 J	NA
HxCDFs (total)	0.0000000492 U	NA	NA	0.0000000142 J	NA
1,2,3,4,6,7,8-HpCDF	0.0000000492 U	NA	NA	0.0000000497 U	NA
1,2,3,4,7,8,9-HpCDF	0.0000000492 U	NA	NA	0.0000000497 U	NA
HpCDFs (total)	0.0000000492 U	NA	NA	0.0000000497 U	NA
OCDF	0.0000000984 U	NA	NA	0.0000000994 U	NA
2,3,7,8-TCDD	0.00000000984 U	NA	NA	0.00000000994 U	NA
TCDDs (total)	0.00000000984 U	NA	NA	0.00000000994 U	NA
1,2,3,7,8-PeCDD	0.0000000492 U	NA	NA	0.00000000457 J	NA
PeCDDs (total)	0.0000000492 U	NA	NA	0.00000000457 J	NA
1,2,3,4,7,8-HxCDD	0.0000000492 U	NA	NA	0.0000000497 U	NA
1,2,3,6,7,8-HxCDD	0.0000000492 U	NA	NA	0.0000000497 U	NA
1,2,3,7,8,9-HxCDD	0.0000000492 U	NA	NA	0.0000000497 U	NA
HxCDDs (total)	0.0000000492 U	NA	NA	0.00000000348 J	NA
1,2,3,4,6,7,8-HpCDD	0.0000000492 U	NA	NA	0.0000000497 U	NA
HpCDDs (total)	0.0000000492 U	NA	NA	0.0000000497 U	NA
OCDD	0.00000000911 J	NA	NA	0.00000000873 J	NA
Total TEQs (WHO TEFs)	0.0000000615	NA	NA	0.0000000266	NA
TAL Metals (mg/L)					
Aluminum	0.00690 B	NA	NA	0.00450 B	NA
Antimony	0.00760	NA	NA	0.00370	NA
Arsenic	0.00120	NA	NA	0.00130	NA
Barium	0.113	NA	NA	0.0652	NA
Beryllium	0.000170 B	NA	NA	0.00100 U	NA
Cadmium	0.000230 B	NA	NA	0.00100 U	NA
Calcium	12.0	NA	NA	8.45	NA
Chromium	0.00240	NA	NA	0.00240	NA
Cobalt	0.00160	NA	NA	0.000140 B	NA
Copper	0.00250	NA	NA	0.00240	NA
Iron	0.266	NA	NA	0.556	NA
Lead	0.000320 B	NA	NA	0.000260 B	NA
Magnesium	3.02	NA	NA	2.07	NA
Manganese	0.268	NA	NA	0.0814	NA
Mercury	0.000200 U	NA	NA	0.000200 U	NA
Nickel	0.0107	NA	NA	0.00290	NA
Potassium	2.12	NA	NA	1.29	NA
Selenium	0.00500 U	NA	NA	0.00500 U	NA
Silver	0.000160 B	NA	NA	0.00100 U	NA
Sodium	11.6 X	NA	NA	8.48 X	NA
Thallium	0.000560 B	NA	NA	0.000130 B	NA
Vanadium	0.00120	NA	NA	0.00100 U	NA
Zinc	0.0671	NA	NA	0.0221	NA

TABLE 23
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

FILTRATE SETTLING WATER SAMPLE DATA

Sample ID: / Date Collected:	H1S4B-SETTLED FILTRATE-TOP 9/2/2004	H2S4B-SETTLED FILTRATE-BOTTOM 9/2/2004	H2S4B-SETTLED FILTRATE-MIDDLE 9/2/2004	H2S4B-SETTLED FILTRATE-TOP 9/2/2004
PCBs (mg/L)				
Aroclor-1016	0.000052 U	NA	NA	0.000021 U
Aroclor-1221	0.0011	NA	NA	0.00033
Aroclor-1232	0.000052 U	NA	NA	0.000021 U
Aroclor-1242	0.000052 U	NA	NA	0.000021 U
Aroclor-1248	0.000052 U	NA	NA	0.000021 U
Aroclor-1254	0.000052 U	NA	NA	0.000021 U
Aroclor-1260	0.000052 U	NA	NA	0.000021 U
Total PCBs	0.0011	NA	NA	0.00033
TSS (mg/L)				
Total Suspended Solids	13.1	1.96 U	1.96 U	1.96 U
PCDD/PCDFs (mg/L)				
2,3,7,8-TCDF	0.00000000988 U	NA	NA	0.00000000977 U
TCDFs (total)	0.00000000988 U	NA	NA	0.00000000977 U
1,2,3,7,8-PeCDF	0.0000000494 U	NA	NA	0.0000000488 U
2,3,4,7,8-PeCDF	0.0000000494 U	NA	NA	0.00000000180 J
PeCDFs (total)	0.0000000494 U	NA	NA	0.00000000387 J
1,2,3,4,7,8-HxCDF	0.0000000494 U	NA	NA	0.0000000488 U
1,2,3,6,7,8-HxCDF	0.0000000494 U	NA	NA	0.0000000488 U
1,2,3,7,8,9-HxCDF	0.0000000494 U	NA	NA	0.0000000488 U
2,3,4,6,7,8-HxCDF	0.0000000494 U	NA	NA	0.0000000488 U
HxCDFs (total)	0.0000000494 U	NA	NA	0.0000000488 U
1,2,3,4,6,7,8-HpCDF	0.0000000494 U	NA	NA	0.0000000488 U
1,2,3,4,7,8,9-HpCDF	0.0000000494 U	NA	NA	0.0000000488 U
HpCDFs (total)	0.00000000443 J	NA	NA	0.0000000488 U
OCDF	0.0000000988 U	NA	NA	0.0000000977 U
2,3,7,8-TCDD	0.00000000988 U	NA	NA	0.00000000977 U
TCDDs (total)	0.00000000988 U	NA	NA	0.00000000977 U
1,2,3,7,8-PeCDD	0.0000000494 U	NA	NA	0.0000000488 U
PeCDDs (total)	0.0000000494 U	NA	NA	0.0000000488 U
1,2,3,4,7,8-HxCDD	0.0000000494 U	NA	NA	0.0000000488 U
1,2,3,6,7,8-HxCDD	0.0000000494 U	NA	NA	0.0000000488 U
1,2,3,7,8,9-HxCDD	0.0000000494 U	NA	NA	0.0000000488 U
HxCDDs (total)	0.0000000494 U	NA	NA	0.0000000488 U
1,2,3,4,6,7,8-HpCDD	0.0000000108 J	NA	NA	0.0000000488 U
HpCDDs (total)	0.0000000211 J	NA	NA	0.0000000488 U
OCDD	0.000000117	NA	NA	0.0000000175 J
Total TEQs (WHO TEFs)	0.0000000616	NA	NA	0.0000000497
TAL Metals (mg/L)				
Aluminum	0.0343	NA	NA	0.00930 B
Antimony	0.000640 B	NA	NA	0.00670
Arsenic	0.00170	NA	NA	0.000480 B
Barium	0.163	NA	NA	0.0645
Beryllium	0.00100 U	NA	NA	0.00100 U
Cadmium	0.000300 B	NA	NA	0.00100 U
Calcium	31.1	NA	NA	16.6
Chromium	0.00560	NA	NA	0.00200
Cobalt	0.000500	NA	NA	0.0000970 B
Copper	0.00220	NA	NA	0.00110 B
Iron	6.33	NA	NA	0.322
Lead	0.00250	NA	NA	0.000370 B
Magnesium	5.15	NA	NA	2.07
Manganese	0.714	NA	NA	0.0215
Mercury	0.000200 U	NA	NA	0.000200 U
Nickel	0.00140	NA	NA	0.000390 B
Potassium	2.26	NA	NA	0.901
Selenium	0.00500 U	NA	NA	0.00500 U
Silver	0.00100 U	NA	NA	0.00100 U
Sodium	11.2 X	NA	NA	7.47 X
Thallium	0.0000830 B	NA	NA	0.00100 U
Vanadium	0.00100 U	NA	NA	0.00100 U
Zinc	0.0226	NA	NA	0.0157

TABLE 23
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

FILTRATE SETTLING WATER SAMPLE DATA

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. (BBL), and were submitted to Severn Trent Laboratories, Inc. Pittsburgh, Paradigm Analytical Laboratories and Northeast Analytical Services, Inc. for analysis.
2. U = Indicates the constituent was not detected. The value preceding the U indicates the laboratory quantitation limit.
3. As specified in the *Treatability Studies Work Plan* (BBL, 2004), data validation was performed on approximately 10% of the analytical data set.
4. mg/L = milligrams per liter.
5. NA - Not analyzed.
6. Laboratory Data Qualifiers:
   Organics (PCBs, PCDD/PCDFs)
   J - Indicates an estimated value.
   Inorganics (TAL Metals)
   B - Indicates an estimated value between the lower calibration limit and the target detection limit.
   X - Method blank contamination.

TABLE 24
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

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MMF AND CARBON COLUMN TEST SAMPLE DATA

Sample ID: / Date Collected:	H1S1-BETGAC2 9/7/2004	H1S1-BETGAC6 9/7/2004	H1S1-BETGAC10 9/7/2004	H1S1-GAC2OUT2 9/7/2004	H1S1-GAC2OUT6 9/7/2004	H1S1-GAC2OUT10 9/7/2004	H1S1-MMFIN 9/7/2004
Congener PCBs (mg/L)							
Total PCB	NA	0.00000934 U	NA	NA	0.00000934 U	NA	0.0000220 J
PCBs (mg/L)							
Aroclor-1016	NA	NA	NA	NA	NA	NA	NA
Aroclor-1221	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	NA	NA	NA	NA	NA	NA	NA
Aroclor-1254	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA	NA
PAHs (mg/L)							
Carbazole	0.00980 U	0.00926 U	0.00980 U	0.00962 U	0.00926 U	0.00926 U	0.00943 U
Acenaphthene	0.00980 U	0.00926 U	0.00980 U	0.00962 U	0.00926 U	0.00926 U	0.00943 U
Acenaphthylene	0.00980 U	0.00926 U	0.00980 U	0.00962 U	0.00926 U	0.00926 U	0.00943 U
Anthracene	0.00980 U	0.00926 U	0.00980 U	0.00962 U	0.00926 U	0.00926 U	0.00943 U
Benzo(a)anthracene	0.00980 U	0.00926 U	0.00980 U	0.00962 U	0.00926 U	0.00926 U	0.00943 U
Benzo(a)pyrene	0.00980 U	0.00926 U	0.00980 U	0.00962 U	0.00926 U	0.00926 U	0.00943 U
Benzo(b)fluoranthene	0.00980 U	0.00926 U	0.00980 U	0.00962 U	0.00926 U	0.00926 U	0.00943 U
Benzo(g,h,i)perylene	0.00980 U	0.00926 U	0.00980 U	0.00962 U	0.00926 U	0.00926 U	0.00943 U
Benzo(k)fluoranthene	0.00980 U	0.00926 U	0.00980 U	0.00962 U	0.00926 U	0.00926 U	0.00943 U
Chrysene	0.00980 U	0.00926 U	0.00980 U	0.00962 U	0.00926 U	0.00926 U	0.00943 U
Dibenzo(a,h)anthracene	0.00980 U	0.00926 U	0.00980 U	0.00962 U	0.00926 U	0.00926 U	0.00943 U
Fluoranthene	0.00980 U	0.00926 U	0.00980 U	0.00962 U	0.00926 U	0.00926 U	0.00943 U
Fluorene	0.00980 U	0.00926 U	0.00980 U	0.00962 U	0.00926 U	0.00926 U	0.00943 U
Indeno(1,2,3-cd)pyrene	0.00980 U	0.00926 U	0.00980 U	0.00962 U	0.00926 U	0.00926 U	0.00943 U
Naphthalene	0.00980 U	0.00926 U	0.00980 U	0.00962 U	0.00926 U	0.00926 U	0.00943 U
Phenanthrene	0.00980 U	0.00926 U	0.00980 U	0.00962 U	0.00926 U	0.00926 U	0.00943 U
Pyrene	0.00980 U	0.00926 U	0.00980 U	0.00962 U	0.00926 U	0.00926 U	0.00943 U
Total PAHs	0.00980 U	0.00926 U	0.00980 U	0.00962 U	0.00926 U	0.00926 U	0.00943 U
Ammonia Nitrogen (mg/L)							
Ammonia Nitrogen	0.370	0.390	0.430	0.300	0.410	0.380	0.510
Biological Oxygen Demand (mg/L)							
BOD (five day)	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Chemical Oxygen Demand (mg/L)							
COD	5 U	5 U	5 U	5 U	5 U	5 U	8
Nitrate (mg/L)							
Nitrate	0.20	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	1.1
Nitrite (mg/L)							
Nitrite	0.010	0.010	0.010	0.010	0.010 U	0.010	0.020
TOC (mg/L)							
Total Organic Carbon	0.966 U	0.966 U	0.966 U	0.966 U	0.966 U	0.966 U	0.966 U
DOC (mg/L)							
Dissolved Organic Carbon	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U
Total Kjeldahl Nitrogen (mg/L)							
Total Kjeldahl Nitrogen	0.370	0.440	0.360	0.330	0.330	0.340	0.680
Total Phosphorus (mg/L)							
Total Phosphorous (PO4)	0.0500 U	0.110	0.100	0.0500 U	0.0500	0.0900	0.0500 U
TSS (mg/L)							
Total Suspended Solids	1.24	0.952 U	0.952 U	0.952 U	0.952 U	0.952 U	2.20

TABLE 24
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

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MMF AND CARBON COLUMN TEST SAMPLE DATA

Sample ID: / Date Collected:	H1S1-BETGAC2 9/7/2004	H1S1-BETGAC6 9/7/2004	H1S1-BETGAC10 9/7/2004	H1S1-GAC2OUT2 9/7/2004	H1S1-GAC2OUT6 9/7/2004	H1S1-GAC2OUT10 9/7/2004	H1S1-MMFIN 9/7/2004
PCDD/PCDFs (mg/L)							
2,3,7,8-TCDF	0.0000000100 U	0.0000000100 U	0.0000000100 U	0.0000000100 U	0.00000000984 U	0.00000000986 U	0.0000000100 U
TCDFs (total)	0.0000000100 U	0.0000000100 U	0.0000000100 U	0.0000000100 U	0.00000000984 U	0.00000000986 U	0.0000000100 U
1,2,3,7,8-PeCDF	0.0000000500 U	0.0000000500 U	0.0000000500 U	0.0000000500 U	0.0000000492 U	0.0000000493 U	0.00000000532 J
2,3,4,7,8-PeCDF	0.0000000500 U	0.00000000176 J	0.0000000500 U	0.0000000500 U	0.0000000492 U	0.00000000174 J	0.00000000478 J
PeCDFs (total)	0.00000000190 J	0.00000000182 J	0.0000000500 U	0.0000000500 U	0.0000000492 U	0.00000000393 J	0.0000000101 J
1,2,3,4,7,8-HxCDF	0.0000000500 U	0.0000000500 U	0.0000000500 U	0.0000000500 U	0.0000000492 U	0.0000000493 U	0.00000000364 J
1,2,3,6,7,8-HxCDF	0.0000000500 U	0.0000000500 U	0.0000000500 U	0.0000000500 U	0.0000000492 U	0.0000000493 U	0.0000000500 U
1,2,3,7,8,9-HxCDF	0.0000000500 U	0.0000000500 U	0.0000000500 U	0.0000000500 U	0.0000000492 U	0.0000000493 U	0.0000000500 U
2,3,4,6,7,8-HxCDF	0.0000000500 U	0.0000000500 U	0.0000000500 U	0.0000000500 U	0.0000000492 U	0.0000000493 U	0.00000000304 J
HxCDFs (total)	0.0000000500 U	0.0000000500 U	0.0000000500 U	0.0000000500 U	0.0000000492 U	0.00000000191 J	0.00000000668 J
1,2,3,4,6,7,8-HpCDF	0.0000000500 U	0.0000000500 U	0.0000000500 U	0.0000000500 U	0.0000000492 U	0.0000000493 U	0.0000000500 U
1,2,3,4,7,8,9-HpCDF	0.0000000500 U	0.0000000500 U	0.0000000500 U	0.0000000500 U	0.0000000492 U	0.0000000493 U	0.0000000500 U
HpCDFs (total)	0.0000000500 U	0.0000000500 U	0.0000000500 U	0.0000000500 U	0.0000000492 U	0.0000000493 U	0.0000000500 U
OCDF	0.000000100 U	0.000000100 U	0.000000100 U	0.000000100 U	0.0000000984 U	0.0000000986 U	0.000000100 U
2,3,7,8-TCDD	0.0000000100 U	0.0000000100 U	0.0000000100 U	0.0000000100 U	0.00000000984 U	0.00000000986 U	0.0000000100 U
TCDDs (total)	0.0000000100 U	0.0000000100 U	0.0000000100 U	0.0000000100 U	0.00000000984 U	0.00000000986 U	0.0000000100 U
1,2,3,7,8-PeCDD	0.0000000500 U	0.0000000500 U	0.0000000500 U	0.0000000500 U	0.0000000492 U	0.0000000493 U	0.0000000500 U
PeCDDs (total)	0.0000000500 U	0.0000000500 U	0.0000000500 U	0.0000000500 U	0.0000000492 U	0.0000000493 U	0.0000000500 U
1,2,3,4,7,8-HxCDD	0.0000000500 U	0.0000000500 U	0.0000000500 U	0.0000000500 U	0.0000000492 U	0.0000000493 U	0.0000000500 U
1,2,3,6,7,8-HxCDD	0.0000000500 U	0.0000000500 U	0.0000000500 U	0.0000000500 U	0.0000000492 U	0.0000000493 U	0.0000000500 U
1,2,3,7,8,9-HxCDD	0.0000000500 U	0.0000000500 U	0.0000000500 U	0.0000000500 U	0.0000000492 U	0.0000000493 U	0.00000000400 J
HxCDDs (total)	0.0000000500 U	0.0000000500 U	0.0000000500 U	0.0000000500 U	0.0000000492 U	0.0000000493 U	0.00000000784 J
1,2,3,4,6,7,8-HpCDD	0.0000000500 U	0.0000000500 U	0.0000000500 U	0.0000000500 U	0.0000000492 U	0.0000000493 U	0.00000000364 J
HpCDDs (total)	0.0000000500 U	0.0000000500 U	0.0000000500 U	0.0000000500 U	0.0000000492 U	0.0000000493 U	0.00000000364 J
OCDD	0.000000100 U	0.000000100 U	0.000000100 U	0.000000100 U	0.0000000984 U	0.00000000562 J	0.0000000101 J
Total TEQs (WHO TEFs)	0.0000000625	0.0000000509	0.0000000625	0.0000000625	0.0000000615	0.0000000502	0.0000000448
TAL Metals (mg/L)							
Aluminum	0.204	0.209	0.174	0.215	0.219	0.237	0.0152 B
Antimony	0.00150 B	0.000900 B	0.000740 B	0.00380	0.00130 B	0.00100 B	0.000820 B
Arsenic	0.00680	0.0142	0.0118	0.00890	0.00730	0.0110	0.00160
Barium	0.0156	0.0158	0.0194	0.0179	0.0147	0.0161	0.0303
Beryllium	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U
Cadmium	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U
Calcium	10.2	9.54	9.33	12.2	8.80	9.41	10.2
Chromium	0.00140 B	0.00100 B	0.00110 B	0.00150 B	0.000950 B	0.00100 B	0.00210
Cobalt	0.000430 B	0.000120 B	0.0000350 B	0.000280 B	0.000140 B	0.000150 B	0.000240 B
Copper	0.000760 B	0.000500 B	0.000630 B	0.00190 B	0.000680 B	0.000480 B	0.0141
Iron	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0466 B
Lead	0.000920 B	0.000800 B	0.000900 B	0.000490 B	0.000550 B	0.000670 B	0.0181
Magnesium	1.48	1.43	1.44	1.91	1.33	1.40	1.56
Manganese	0.00390	0.00190	0.00120	0.00170	0.00180	0.00160	0.308
Mercury	0.000200 U	0.000200 U	0.000200 U	0.000200 U	0.000200 U	0.000200 U	0.000200 U
Nickel	0.00110	0.000770 B	0.000450 B	0.00100	0.000590 B	0.000610 B	0.00520
Potassium	1.15	1.18	1.19	1.24	1.10	1.16	1.28
Selenium	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U
Silver	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U
Sodium	7.12	7.36	7.32	7.52	6.83	7.05	7.82
Thallium	0.000140 B	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.000160 B
Vanadium	0.00100 U	0.00210	0.00980	0.00150	0.00180	0.00240	0.000600 B
Zinc	0.00390 B	0.00240 B	0.00270 B	0.00240 B	0.00410 B	0.00160 B	0.0257

TABLE 24
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

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MMF AND CARBON COLUMN TEST SAMPLE DATA

Sample ID: / Date Collected:	H1S1-MMFOUT2 9/7/2004	H1S1-MMFOUT6 9/7/2004	H1S1-MMFOUT10 9/7/2004	H1S2-BETGAC2 9/14/2004	H1S2-BETGAC6 9/14/2004	H1S2-BETGAC10 9/14/2004	H1S2-GAC2OUT2 9/14/2004	H1S2-GAC2OUT6 9/14/2004
Congener PCBs (mg/L)								
Total PCB	0.0000125 J	0.0000156 J	0.0000766	NA	0.00000934 U	NA	NA	0.00000934 U
PCBs (mg/L)								
Aroclor-1016	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1221	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1254	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA
PAHs (mg/L)								
Carbazole	0.00926 U	0.0100 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00943 U	0.00926 U
Acenaphthene	0.00926 U	0.0100 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00943 U	0.00926 U
Acenaphthylene	0.00926 U	0.0100 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00943 U	0.00926 U
Anthracene	0.00926 U	0.0100 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00943 U	0.00926 U
Benzo(a)anthracene	0.00926 U	0.0100 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00943 U	0.00926 U
Benzo(a)pyrene	0.00926 U	0.0100 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00943 U	0.00926 U
Benzo(b)fluoranthene	0.00926 U	0.0100 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00943 U	0.00926 U
Benzo(g,h,i)perylene	0.00926 U	0.0100 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00943 U	0.00926 U
Benzo(k)fluoranthene	0.00926 U	0.0100 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00943 U	0.00926 U
Chrysene	0.00926 U	0.0100 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00943 U	0.00926 U
Dibenzo(a,h)anthracene	0.00926 U	0.0100 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00943 U	0.00926 U
Fluoranthene	0.00926 U	0.0100 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00943 U	0.00926 U
Fluorene	0.00926 U	0.0100 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00943 U	0.00926 U
Indeno(1,2,3-cd)pyrene	0.00926 U	0.0100 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00943 U	0.00926 U
Naphthalene	0.00926 U	0.0100 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00943 U	0.00926 U
Phenanthrene	0.00926 U	0.0100 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00943 U	0.00926 U
Pyrene	0.00926 U	0.0100 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00943 U	0.00926 U
Total PAHs	0.00926 U	0.0100 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00943 U	0.00926 U
Ammonia Nitrogen (mg/L)								
Ammonia Nitrogen	0.410	0.430	0.400	5.52	5.55	5.51	5.03	5.25
Biological Oxygen Demand (mg/L)								
BOD (five day)	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Chemical Oxygen Demand (mg/L)								
COD	8	11	7	5 U	5 U	5 U	5 U	5 U
Nitrate (mg/L)								
Nitrate	0.80	0.90	0.90	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nitrite (mg/L)								
Nitrite	0.010	0.010	0.010	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
TOC (mg/L)								
Total Organic Carbon	0.966 U	2.62	2.60	0.966 U	0.966 U	0.966 U	0.966 U	0.966 U
DOC (mg/L)								
Dissolved Organic Carbon	2.6	2.6	2.6	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U
Total Kjeldahl Nitrogen (mg/L)								
Total Kjeldahl Nitrogen	0.650	0.690	0.610	5.54	5.67	5.78	5.07	5.38
Total Phosphorus (mg/L)								
Total Phosphorous (PO4)	0.0500 U	0.0500 U	0.0500 U	0.120	0.0500	0.0700	0.0800	0.110
TSS (mg/L)								
Total Suspended Solids	0.952 U	0.952 U	0.952 U	1.00 U	1.00 U	1.20	1.00 U	1.00 U

TABLE 24
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

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ATTORNEY WORK PRODUCT
PREPARED AT THE REQUEST OF COUNSEL

MMF AND CARBON COLUMN TEST SAMPLE DATA

Sample ID: / Date Collected:	H1S1-MMFOUT2 9/7/2004	H1S1-MMFOUT6 9/7/2004	H1S1-MMFOUT10 9/7/2004	H1S2-BETGAC2 9/14/2004	H1S2-BETGAC6 9/14/2004	H1S2-BETGAC10 9/14/2004	H1S2-GAC2OUT2 9/14/2004	H1S2-GAC2OUT6 9/14/2004
PCDD/PCDFs (mg/L)								
2,3,7,8-TCDF	0.00000000978 U	0.00000000992 U	0.00000000998 U	NA	0.00000000986 U	NA	NA	0.00000000990 U
TCDFs (total)	0.00000000978 U	0.00000000992 U	0.00000000998 U	NA	0.00000000986 U	NA	NA	0.00000000990 U
1,2,3,7,8-PeCDF	0.0000000489 U	0.0000000496 U	0.0000000499 U	NA	0.0000000493 U	NA	NA	0.00000000410 J
2,3,4,7,8-PeCDF	0.0000000489 U	0.0000000496 U	0.0000000499 U	NA	0.0000000493 U	NA	NA	0.0000000495 U
PeCDFs (total)	0.0000000489 U	0.0000000496 U	0.0000000499 U	NA	0.0000000493 U	NA	NA	0.00000000410 J
1,2,3,4,7,8-HxCDF	0.0000000489 U	0.0000000496 U	0.0000000499 U	NA	0.0000000493 U	NA	NA	0.0000000495 U
1,2,3,6,7,8-HxCDF	0.0000000489 U	0.0000000496 U	0.0000000499 U	NA	0.0000000493 U	NA	NA	0.0000000495 U
1,2,3,7,8,9-HxCDF	0.0000000489 U	0.0000000496 U	0.0000000499 U	NA	0.0000000493 U	NA	NA	0.0000000495 U
2,3,4,6,7,8-HxCDF	0.0000000489 U	0.0000000496 U	0.0000000499 U	NA	0.0000000493 U	NA	NA	0.00000000323 J
HxCDFs (total)	0.0000000489 U	0.0000000496 U	0.0000000499 U	NA	0.0000000493 U	NA	NA	0.00000000323 J
1,2,3,4,6,7,8-HpCDF	0.0000000489 U	0.0000000496 U	0.0000000499 U	NA	0.0000000493 U	NA	NA	0.0000000495 U
1,2,3,4,7,8,9-HpCDF	0.0000000489 U	0.0000000496 U	0.0000000499 U	NA	0.0000000493 U	NA	NA	0.0000000495 U
HpCDFs (total)	0.0000000489 U	0.0000000496 U	0.0000000499 U	NA	0.0000000493 U	NA	NA	0.0000000495 U
OCDF	0.0000000978 U	0.0000000992 U	0.0000000998 U	NA	0.0000000986 U	NA	NA	0.0000000990 U
2,3,7,8-TCDD	0.00000000978 U	0.00000000992 U	0.00000000998 U	NA	0.00000000986 U	NA	NA	0.00000000990 U
TCDDs (total)	0.00000000978 U	0.00000000992 U	0.00000000998 U	NA	0.00000000986 U	NA	NA	0.00000000990 U
1,2,3,7,8-PeCDD	0.0000000489 U	0.0000000496 U	0.0000000499 U	NA	0.0000000493 U	NA	NA	0.0000000495 U
PeCDDs (total)	0.0000000489 U	0.0000000496 U	0.0000000499 U	NA	0.0000000493 U	NA	NA	0.0000000495 U
1,2,3,4,7,8-HxCDD	0.0000000489 U	0.0000000496 U	0.0000000499 U	NA	0.0000000493 U	NA	NA	0.0000000495 U
1,2,3,6,7,8-HxCDD	0.0000000489 U	0.0000000496 U	0.0000000499 U	NA	0.0000000493 U	NA	NA	0.0000000495 U
1,2,3,7,8,9-HxCDD	0.0000000489 U	0.0000000496 U	0.0000000499 U	NA	0.0000000493 U	NA	NA	0.00000000457 J
HxCDDs (total)	0.0000000489 U	0.0000000496 U	0.0000000499 U	NA	0.0000000493 U	NA	NA	0.00000000457 J
1,2,3,4,6,7,8-HpCDD	0.0000000489 U	0.0000000496 U	0.0000000499 U	NA	0.0000000493 U	NA	NA	0.0000000495 U
HpCDDs (total)	0.0000000489 U	0.0000000496 U	0.0000000499 U	NA	0.0000000493 U	NA	NA	0.0000000495 U
OCDD	0.0000000978 U	0.0000000992 U	0.0000000998 U	NA	0.0000000179 J	NA	NA	0.0000000121 J
Total TEQs (WHO TEFs)	0.0000000611	0.0000000620	0.0000000624	NA	0.0000000616	NA	NA	0.0000000567
TAL Metals (mg/L)								
Aluminum	0.0122 B	0.00520 B	0.00590 B	0.350	0.196	0.156	0.508	0.362
Antimony	0.00100 B	0.000740 B	0.000730 B	0.00590	0.00540	0.00510	0.00830	0.00630
Arsenic	0.000670 B	0.00120	0.00120	0.0333	0.0177	0.0111	0.0369	0.0364
Barium	0.0216	0.0244	0.0260	0.0295	0.0705	0.0859	0.0255	0.0313
Beryllium	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U
Cadmium	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U
Calcium	9.52	9.64	10.2	16.0	15.7	15.1	18.4	16.2
Chromium	0.00220	0.00180 B	0.00130 B	0.00160 B	0.00150 B	0.00110 B	0.00160 B	0.00160 B
Cobalt	0.000350 B	0.000110 B	0.0000520 B	0.000270 B	0.0000700 B	0.0000510 B	0.000320 B	0.000220 B
Copper	0.00590	0.00650	0.00780	0.00210	0.00260	0.00380	0.00230	0.00190 B
Iron	0.0500 U	0.0500 U	0.0500 U	0.0880	0.120	0.111	0.0528	0.0926
Lead	0.00230	0.00180	0.00190	0.00140	0.00230	0.00280	0.000750 B	0.00170
Magnesium	1.51	1.46	1.54	3.67	3.69	3.59	4.18	3.68
Manganese	0.00770	0.00650	0.00610	0.00280	0.00350	0.00400	0.00170	0.00240
Mercury	0.000200 U	0.000200 U	0.000200 U	0.000200 U	0.000200 U	0.000200 U	0.000200 U	0.000200 U
Nickel	0.00360	0.00300	0.00300	0.00110	0.000500 B	0.000580 B	0.00140	0.00130
Potassium	1.23	1.20	1.26	2.53	2.53	2.42	2.93	2.62
Selenium	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U
Silver	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U
Sodium	7.36	7.30	7.65	12.8	12.9	12.2	14.1	13.4
Thallium	0.000420 B	0.00100 U	0.00100 U	0.000340 B	0.00100 U	0.00100 U	0.00100 U	0.00100 U
Vanadium	0.00100 U	0.000680 B	0.00100 U	0.00690	0.0159	0.0110	0.00160	0.00490
Zinc	0.00660	0.0159	0.00990	0.00330 B	0.00240 B	0.00460 B	0.00350 B	0.0110

TABLE 24
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

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MMF AND CARBON COLUMN TEST SAMPLE DATA

Sample ID: / Date Collected:	H1S2-GAC2OUT10 9/14/2004	H1S2-MMFIN 9/14/2004	H1S2-MMFOUT2 9/14/2004	H1S2-MMFOUT6 9/14/2004	H1S2-MMFOUT10 9/14/2004	H1S3-BETGAC2 9/9/2004	H1S3-BETGAC6 9/9/2004	H1S3-BETGAC10 9/9/2004
Congener PCBs (mg/L)								
Total PCB	NA	0.0000562	NA	0.0000461	NA	NA	0.00000934 U	NA
PCBs (mg/L)								
Aroclor-1016	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1221	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1254	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA
PAHs (mg/L)								
Carbazole	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Acenaphthene	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Acenaphthylene	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Anthracene	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Benzo(a)anthracene	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Benzo(a)pyrene	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Benzo(b)fluoranthene	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Benzo(g,h,i)perylene	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Benzo(k)fluoranthene	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Chrysene	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Dibenzo(a,h)anthracene	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Fluoranthene	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Fluorene	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Indeno(1,2,3-cd)pyrene	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Naphthalene	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Phenanthrene	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Pyrene	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Total PAHs	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Ammonia Nitrogen (mg/L)								
Ammonia Nitrogen	5.36	5.75	5.62	5.75	5.66	12.6	12.8	13.5
Biological Oxygen Demand (mg/L)								
BOD (five day)	2 U	2	2 U	2 U	2 U	2 U	7	2 U
Chemical Oxygen Demand (mg/L)								
COD	5 U	14	17	5 U	17	5 U	5 U	5 U
Nitrate (mg/L)								
Nitrate	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.30	0.50	0.80
Nitrite (mg/L)								
Nitrite	0.010 U	0.020	0.010	0.010	0.010	0.10	0.38	0.67
TOC (mg/L)								
Total Organic Carbon	0.966 U	4.13	3.85	3.89	4.03	0.966 U	0.966 U	0.966 U
DOC (mg/L)								
Dissolved Organic Carbon	0.97 U	3.8	4.2	3.6	3.5	0.97 U	0.97 U	0.97 U
Total Kjeldahl Nitrogen (mg/L)								
Total Kjeldahl Nitrogen	5.58	6.23	5.83	6.12	6.07	12.0	11.9	11.9
Total Phosphorus (mg/L)								
Total Phosphorous (PO4)	0.130	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.130	0.0800	0.0600
TSS (mg/L)								
Total Suspended Solids	1.00 U	5.97	1.00	1.10	1.20	1.19	1.05 U	1.60

TABLE 24
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

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ATTORNEY WORK PRODUCT
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MMF AND CARBON COLUMN TEST SAMPLE DATA

Sample ID: / Date Collected:	H1S2-GAC2OUT10 9/14/2004	H1S2-MMFIN 9/14/2004	H1S2-MMFOUT2 9/14/2004	H1S2-MMFOUT6 9/14/2004	H1S2-MMFOUT10 9/14/2004	H1S3-BETGAC2 9/9/2004	H1S3-BETGAC6 9/9/2004	H1S3-BETGAC10 9/9/2004
PCDD/PCDFs (mg/L)								
2,3,7,8-TCDF	NA	0.0000000100 U	NA	0.00000000994 U	NA	0.00000000988 U	0.00000000986 U	0.00000000994 U
TCDFs (total)	NA	0.0000000100 U	NA	0.00000000994 U	NA	0.00000000988 U	0.00000000986 U	0.00000000994 U
1,2,3,7,8-PeCDF	NA	0.00000000642 J	NA	0.0000000497 U	NA	0.0000000494 U	0.0000000493 U	0.0000000497 U
2,3,4,7,8-PeCDF	NA	0.00000000438 J	NA	0.00000000292 J	NA	0.0000000494 U	0.0000000493 U	0.00000000185 J
PeCDFs (total)	NA	0.0000000108 J	NA	0.00000000292 J	NA	0.0000000494 U	0.0000000493 U	0.00000000185 J
1,2,3,4,7,8-HxCDF	NA	0.00000000382 J	NA	0.00000000233 J	NA	0.0000000494 U	0.0000000493 U	0.0000000497 U
1,2,3,6,7,8-HxCDF	NA	0.0000000500 U	NA	0.0000000497 U	NA	0.0000000494 U	0.0000000493 U	0.0000000497 U
1,2,3,7,8,9-HxCDF	NA	0.0000000500 U	NA	0.0000000497 U	NA	0.0000000494 U	0.0000000493 U	0.0000000497 U
2,3,4,6,7,8-HxCDF	NA	0.00000000314 J	NA	0.00000000201 J	NA	0.0000000494 U	0.0000000493 U	0.0000000497 U
HxCDFs (total)	NA	0.0000000144 J	NA	0.00000000946 J	NA	0.0000000494 U	0.0000000493 U	0.0000000497 U
1,2,3,4,6,7,8-HpCDF	NA	0.00000000414 J	NA	0.0000000497 U	NA	0.0000000494 U	0.0000000493 U	0.0000000497 U
1,2,3,4,7,8,9-HpCDF	NA	0.0000000500 U	NA	0.0000000497 U	NA	0.0000000494 U	0.0000000493 U	0.0000000497 U
HpCDFs (total)	NA	0.00000000414 J	NA	0.0000000497 U	NA	0.0000000494 U	0.0000000493 U	0.0000000497 U
OCDF	NA	0.000000100 U	NA	0.0000000994 U	NA	0.0000000988 U	0.0000000986 U	0.0000000994 U
2,3,7,8-TCDD	NA	0.0000000100 U	NA	0.00000000994 U	NA	0.00000000988 U	0.00000000986 U	0.00000000994 U
TCDDs (total)	NA	0.0000000100 U	NA	0.00000000994 U	NA	0.00000000988 U	0.00000000986 U	0.00000000994 U
1,2,3,7,8-PeCDD	NA	0.00000000522 J	NA	0.0000000497 U	NA	0.0000000494 U	0.0000000493 U	0.0000000497 U
PeCDDs (total)	NA	0.00000000522 J	NA	0.0000000497 U	NA	0.0000000494 U	0.0000000493 U	0.0000000497 U
1,2,3,4,7,8-HxCDD	NA	0.0000000500 U	NA	0.0000000497 U	NA	0.0000000494 U	0.0000000493 U	0.0000000497 U
1,2,3,6,7,8-HxCDD	NA	0.00000000490 J	NA	0.0000000497 U	NA	0.0000000494 U	0.0000000493 U	0.0000000497 U
1,2,3,7,8,9-HxCDD	NA	0.0000000500 U	NA	0.0000000497 U	NA	0.0000000494 U	0.0000000493 U	0.0000000497 U
HxCDDs (total)	NA	0.00000000874 J	NA	0.0000000497 U	NA	0.0000000494 U	0.0000000493 U	0.0000000497 U
1,2,3,4,6,7,8-HpCDD	NA	0.00000000618 J	NA	0.0000000497 U	NA	0.0000000494 U	0.0000000493 U	0.0000000497 U
HpCDDs (total)	NA	0.00000000618 J	NA	0.0000000497 U	NA	0.0000000494 U	0.0000000493 U	0.0000000497 U
OCDD	NA	0.0000000153 J	NA	0.0000000155 J	NA	0.0000000988 U	0.0000000986 U	0.0000000122 J
Total TEQs (WHO TEFs)	NA	0.0000000248	NA	0.0000000466	NA	0.0000000618	0.0000000616	0.0000000506
TAL Metals (mg/L)								
Aluminum	0.266	0.0182 B	0.0147 B	0.0162 B	0.0160 B	0.231	0.110	0.0689
Antimony	0.00550	0.00560	0.00490	0.00520	0.00570	0.00330	0.00340	0.00350
Arsenic	0.0268	0.00120	0.000500 B	0.000740 B	0.00100	0.0333	0.0146	0.00800
Barium	0.0500	0.106	0.0910	0.0989	0.107	0.0247	0.0590	0.0724
Beryllium	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U
Cadmium	0.00100 U	0.0000900 B	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U
Calcium	14.8	14.4	14.2	14.6	15.7	12.3	11.9	12.3
Chromium	0.00140 B	0.00170 B	0.00110 B	0.00180 B	0.00260	0.00110 B	0.00140 B	0.00160 B
Cobalt	0.000140 B	0.000480 B	0.000500 U	0.0000610 B	0.000500 U	0.000110 B	0.000130 B	0.000170 B
Copper	0.00250	0.0475	0.0152	0.0156	0.0191	0.00190 B	0.00390	0.00190 B
Iron	0.0938	0.524	0.135	0.138	0.169	0.105	0.154	0.171
Lead	0.00200	0.0136	0.00280	0.00360	0.00560	0.00170	0.00290	0.00530
Magnesium	3.46	3.53	3.36	3.50	3.78	2.88 X	2.70 X	2.83 X
Manganese	0.00220	0.226	0.0112	0.0126	0.0158	0.00150	0.0338	0.0574
Mercury	0.000200 U	0.000200 U	0.000200 U	0.000200 U	0.000200 U	0.000200 U	0.000200 U	0.000200 U
Nickel	0.000740 B	0.00790	0.00520	0.00480	0.00570	0.000420 B	0.00120	0.000920 B
Potassium	2.44	2.42	2.35	2.39	2.65	1.45	1.40	1.44
Selenium	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U
Silver	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U
Sodium	12.9	12.2	12.1	12.3	13.6	8.94 X	9.22 X	9.38 X
Thallium	0.00100 U	0.000300 B	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U
Vanadium	0.0137	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00990	0.0100	0.00810
Zinc	0.00360 B	0.0627	0.0182	0.0202	0.0312	0.00380 B	0.00680	0.00630

MMF AND CARBON COLUMN TEST SAMPLE DATA

Sample ID: / Date Collected:	H1S3-GAC2OUT2 9/9/2004	H1S3-GAC2OUT6 9/9/2004	H1S3-GAC2OUT10 9/9/2004	H1S3-MMFIN 9/9/2004	H1S3-MMFOUT2 9/9/2004	H1S3-MMFOUT6 9/9/2004	H1S3-MMFOUT10 9/9/2004
Congener PCBs (mg/L)							
Total PCB	NA	0.00000934 U	NA	0.0000443	0.0000254 J	0.0000199 J	0.0000191 J
PCBs (mg/L)							
Aroclor-1016	NA	NA	NA	NA	NA	0.000010 U	NA
Aroclor-1221	NA	NA	NA	NA	NA	0.000024 J	NA
Aroclor-1232	NA	NA	NA	NA	NA	0.000010 U	NA
Aroclor-1242	NA	NA	NA	NA	NA	0.000010 U	NA
Aroclor-1248	NA	NA	NA	NA	NA	0.000010 U	NA
Aroclor-1254	NA	NA	NA	NA	NA	0.000010 U	NA
Aroclor-1260	NA	NA	NA	NA	NA	0.000010 U	NA
Total PCBs	NA	NA	NA	NA	NA	0.000024 J	NA
PAHs (mg/L)							
Carbazole	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Acenaphthene	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Acenaphthylene	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Anthracene	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Benzo(a)anthracene	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Benzo(a)pyrene	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Benzo(b)fluoranthene	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Benzo(g,h,i)perylene	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Benzo(k)fluoranthene	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Chrysene	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Dibenzo(a,h)anthracene	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Fluoranthene	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Fluorene	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Indeno(1,2,3-cd)pyrene	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Naphthalene	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Phenanthrene	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Pyrene	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Total PAHs	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Ammonia Nitrogen (mg/L)							
Ammonia Nitrogen	11.8	12.8	12.4	12.7	12.9	13.2	13.1
Biological Oxygen Demand (mg/L)							
BOD (five day)	3	3	6	16	5	3	6
Chemical Oxygen Demand (mg/L)							
COD	5 U	5 U	5 U	19	16	20	17
Nitrate (mg/L)							
Nitrate	0.20	0.20 U	0.20 U	3.3	3.3	3.1	3.2
Nitrite (mg/L)							
Nitrite	0.020	0.030	0.050	2.0	2.1	2.0	2.1
TOC (mg/L)							
Total Organic Carbon	0.966 U	0.966 U	0.966 U	5.30	5.32	5.13	5.21
DOC (mg/L)							
Dissolved Organic Carbon	0.97 U	0.97 U	0.97 U	5.8	5.2	4.7	5.1
Total Kjeldahl Nitrogen (mg/L)							
Total Kjeldahl Nitrogen	10.9	11.7	11.6	12.8	12.7	12.6	12.8
Total Phosphorus (mg/L)							
Total Phosphorous (PO4)	0.130	0.130	0.100	0.0500 U	0.0500 U	0.0500 U	0.0500 U
TSS (mg/L)							
Total Suspended Solids	1.00 U	1.03 U	1.03 U	3.69	1.37	1.05 U	1.11

TABLE 24
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

DRAFT
PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT
PREPARED AT THE REQUEST OF COUNSEL

MMF AND CARBON COLUMN TEST SAMPLE DATA

Sample ID: / Date Collected:	H1S3-GAC2OUT2 9/9/2004	H1S3-GAC2OUT6 9/9/2004	H1S3-GAC2OUT10 9/9/2004	H1S3-MMFIN 9/9/2004	H1S3-MMFOUT2 9/9/2004	H1S3-MMFOUT6 9/9/2004	H1S3-MMFOUT10 9/9/2004
PCDD/PCDFs (mg/L)							
2,3,7,8-TCDF	0.00000000992 U	0.00000000990 U	0.00000000994 U	0.0000000100 U	0.00000000990 U	0.00000000994 U	0.0000000100 U
TCDFs (total)	0.00000000992 U	0.00000000990 U	0.00000000994 U	0.0000000100 U	0.00000000990 U	0.00000000994 U	0.0000000100 U
1,2,3,7,8-PeCDF	0.0000000496 U	0.0000000495 U	0.0000000497 U	0.0000000500 U	0.0000000495 U	0.0000000497 U	0.0000000500 U
2,3,4,7,8-PeCDF	0.0000000496 U	0.0000000495 U	0.0000000497 U	0.0000000500 U	0.0000000495 U	0.0000000497 U	0.0000000500 U
PeCDFs (total)	0.0000000496 U	0.0000000495 U	0.0000000497 U	0.0000000500 U	0.0000000495 U	0.0000000497 U	0.0000000500 U
1,2,3,4,7,8-HxCDF	0.0000000496 U	0.0000000495 U	0.0000000497 U	0.0000000500 U	0.0000000495 U	0.0000000497 U	0.0000000500 U
1,2,3,6,7,8-HxCDF	0.0000000496 U	0.0000000495 U	0.0000000497 U	0.0000000500 U	0.0000000495 U	0.0000000497 U	0.0000000500 U
1,2,3,7,8,9-HxCDF	0.0000000496 U	0.0000000495 U	0.0000000497 U	0.0000000500 U	0.0000000495 U	0.0000000497 U	0.0000000500 U
2,3,4,6,7,8-HxCDF	0.0000000496 U	0.0000000495 U	0.0000000497 U	0.0000000500 U	0.0000000495 U	0.0000000497 U	0.0000000500 U
HxCDFs (total)	0.0000000496 U	0.0000000495 U	0.0000000497 U	0.0000000500 U	0.0000000495 U	0.0000000497 U	0.0000000500 U
1,2,3,4,6,7,8-HpCDF	0.0000000496 U	0.0000000495 U	0.0000000497 U	0.0000000500 U	0.0000000495 U	0.0000000497 U	0.0000000500 U
1,2,3,4,7,8,9-HpCDF	0.0000000496 U	0.0000000495 U	0.0000000497 U	0.0000000500 U	0.0000000495 U	0.0000000497 U	0.0000000500 U
HpCDFs (total)	0.0000000496 U	0.0000000495 U	0.0000000497 U	0.0000000500 U	0.0000000495 U	0.0000000497 U	0.0000000500 U
OCDF	0.0000000992 U	0.0000000990 U	0.0000000994 U	0.000000100 U	0.0000000990 U	0.0000000994 U	0.000000100 U
2,3,7,8-TCDD	0.00000000992 U	0.00000000990 U	0.00000000994 U	0.0000000100 U	0.00000000990 U	0.00000000994 U	0.0000000100 U
TCDDs (total)	0.00000000992 U	0.00000000990 U	0.00000000994 U	0.0000000100 U	0.00000000990 U	0.00000000994 U	0.0000000100 U
1,2,3,7,8-PeCDD	0.0000000496 U	0.0000000495 U	0.0000000497 U	0.0000000500 U	0.0000000495 U	0.0000000497 U	0.0000000500 U
PeCDDs (total)	0.0000000496 U	0.0000000495 U	0.0000000497 U	0.0000000500 U	0.0000000495 U	0.0000000497 U	0.0000000500 U
1,2,3,4,7,8-HxCDD	0.0000000496 U	0.0000000495 U	0.0000000497 U	0.0000000500 U	0.0000000495 U	0.0000000497 U	0.0000000500 U
1,2,3,6,7,8-HxCDD	0.0000000496 U	0.0000000495 U	0.0000000497 U	0.0000000500 U	0.0000000495 U	0.0000000497 U	0.0000000500 U
1,2,3,7,8,9-HxCDD	0.0000000496 U	0.0000000495 U	0.0000000497 U	0.0000000500 U	0.0000000495 U	0.0000000497 U	0.0000000500 U
HxCDDs (total)	0.0000000496 U	0.0000000495 U	0.0000000497 U	0.0000000500 U	0.0000000495 U	0.0000000497 U	0.0000000500 U
1,2,3,4,6,7,8-HpCDD	0.0000000496 U	0.0000000495 U	0.0000000497 U	0.0000000500 U	0.0000000495 U	0.0000000497 U	0.0000000500 U
HpCDDs (total)	0.0000000496 U	0.0000000495 U	0.0000000497 U	0.0000000500 U	0.0000000495 U	0.0000000497 U	0.0000000500 U
OCDD	0.0000000992 U	0.0000000990 U	0.00000000940 J	0.000000100 U	0.0000000990 U	0.0000000994 U	0.000000100 U
Total TEQs (WHO TEFs)	0.0000000620	0.0000000619	0.0000000621	0.0000000625	0.0000000619	0.0000000621	0.0000000625
TAL Metals (mg/L)							
Aluminum	0.428	0.254	0.171	0.00890 B	0.00790 B	0.00790 B	0.00690 B
Antimony	0.00410	0.00380	0.00370	0.00360	0.00360	0.00350	0.00350
Arsenic	0.0423	0.0378	0.0263	0.00120	0.000930 B	0.000900 B	0.000800 B
Barium	0.0194	0.0332	0.0519	0.0773	0.0770	0.0758	0.0780
Beryllium	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U
Cadmium	0.00100 U	0.00100 U	0.00100 U	0.000110 B	0.00100 U	0.0000770 B	0.000140 B
Calcium	13.2	13.4	13.1	11.8	12.4	11.8	12.2
Chromium	0.00130 B	0.00140 B	0.00130 B	0.00150 B	0.00150 B	0.00160 B	0.00180 B
Cobalt	0.000140 B	0.000120 B	0.000120 B	0.000210 B	0.000120 B	0.0000750 B	0.0000670 B
Copper	0.00110 B	0.00130 B	0.00140 B	0.0118	0.0347	0.0208	0.0266
Iron	0.0302 B	0.104	0.128	0.655	0.216	0.206	0.208
Lead	0.000510 B	0.00170	0.00230	0.00630	0.00560	0.00460	0.00500
Magnesium	3.08 X	3.03 X	3.00 X	2.76 X	2.96 X	2.84 X	2.84 X
Manganese	0.000710	0.00240	0.0127	0.159	0.0802	0.0797	0.0830
Mercury	0.000200 U	0.000200 U	0.000200 U	0.000200 U	0.000200 U	0.000200 U	0.000200 U
Nickel	0.000720 B	0.000580 B	0.000560 B	0.00240	0.00260	0.00220	0.00240
Potassium	1.65	1.57	1.53	1.40	1.50	1.43	1.45
Selenium	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U
Silver	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U
Sodium	9.30 X	10.0 X	9.96 X	9.17 X	10.0 X	9.58 X	9.76 X
Thallium	0.00100 U	0.00100 U	0.00100 U	0.000160 B	0.00100 U	0.00100 U	0.00100 U
Vanadium	0.00560	0.0112	0.0120	0.00100 U	0.00100 U	0.00100 U	0.00100 U
Zinc	0.00540	0.00470 B	0.00390 B	0.0430	0.0403	0.0466	0.0454

MMF AND CARBON COLUMN TEST SAMPLE DATA

Sample ID: / Date Collected:	H1S4B-BETGAC6 9/15/2004	H1S4B-GAC2OUT6 9/15/2004	H1S4B-GAC2OUT6-DUP 9/15/2004	H1S4B-MMFIN 9/15/2004	H1S4B-MMFOUT6 9/15/2004	H2S4B-BETGAC2 9/13/2004	H2S4B-BETGAC6 9/13/2004
Congener PCBs (mg/L)							
Total PCB	0.0000174 J	0.00000934 U	0.0000122 J	0.0000419	0.0000326	NA	0.00000934 U
PCBs (mg/L)							
Aroclor-1016	NA	NA	NA	NA	NA	NA	NA
Aroclor-1221	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	NA	NA	NA	NA	NA	NA	NA
Aroclor-1254	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA	NA
PAHs (mg/L)							
Carbazole	0.00926 U	0.00943 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Acenaphthene	0.00926 U	0.00943 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Acenaphthylene	0.00926 U	0.00943 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Anthracene	0.00926 U	0.00943 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Benzo(a)anthracene	0.00926 U	0.00943 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Benzo(a)pyrene	0.00926 U	0.00943 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Benzo(b)fluoranthene	0.00926 U	0.00943 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Benzo(g,h,i)perylene	0.00926 U	0.00943 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Benzo(k)fluoranthene	0.00926 U	0.00943 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Chrysene	0.00926 U	0.00943 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Dibenzo(a,h)anthracene	0.00926 U	0.00943 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Fluoranthene	0.00926 U	0.00943 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Fluorene	0.00926 U	0.00943 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Indeno(1,2,3-cd)pyrene	0.00926 U	0.00943 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Naphthalene	0.00926 U	0.00943 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Phenanthrene	0.00926 U	0.00943 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Pyrene	0.00926 U	0.00943 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Total PAHs	0.00926 U	0.00943 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Ammonia Nitrogen (mg/L)							
Ammonia Nitrogen	16.6	19.2	NA	19.9	19.1	3.49	3.57
Biological Oxygen Demand (mg/L)							
BOD (five day)	2 U	2 U	NA	2	2 U	6	15
Chemical Oxygen Demand (mg/L)							
COD	7	6	NA	31	29	5 U	5 U
Nitrate (mg/L)							
Nitrate	0.20 U	0.20 U	NA	0.20 U	0.20 U	0.20 U	0.30
Nitrite (mg/L)							
Nitrite	0.010 U	0.010 U	NA	0.010	0.010	0.070	0.22
TOC (mg/L)							
Total Organic Carbon	1.11	0.966 U	0.966 U	9.35	9.13	0.966 U	0.966 U
DOC (mg/L)							
Dissolved Organic Carbon	0.97 U	0.97 U	0.97 U	8.2	7.4	0.97 U	0.97 U
Total Kjeldahl Nitrogen (mg/L)							
Total Kjeldahl Nitrogen	18.8	18.3	NA	20.8	20.0	4.03	3.67
Total Phosphorus (mg/L)							
Total Phosphorous (PO4)	0.110	0.190	NA	0.0500 U	0.0700	0.0120	0.0500
TSS (mg/L)							
Total Suspended Solids	5.10	2.50	2.40	13.5	8.30	1.00 U	1.10

TABLE 24
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

DRAFT
PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT
PREPARED AT THE REQUEST OF COUNSEL

MMF AND CARBON COLUMN TEST SAMPLE DATA

Sample ID: / Date Collected:	H1S4B-BETGAC6 9/15/2004	H1S4B-GAC2OUT6 9/15/2004	H1S4B-GAC2OUT6-DUP 9/15/2004	H1S4B-MMFIN 9/15/2004	H1S4B-MMFOUT6 9/15/2004	H2S4B-BETGAC2 9/13/2004	H2S4B-BETGAC6 9/13/2004
PCDD/PCDFs (mg/L)							
2,3,7,8-TCDF	0.0000000100 U	0.00000000994 U	0.00000000984 U	0.0000000100 U	0.0000000100 U	NA	0.0000000100 U
TCDFs (total)	0.0000000100 U	0.00000000994 U	0.00000000984 U	0.0000000100 U	0.0000000100 U	NA	0.0000000100 U
1,2,3,7,8-PeCDF	0.0000000500 U	0.00000000362 J	0.0000000492 U	0.0000000500 U	0.0000000500 U	NA	0.0000000500 U
2,3,4,7,8-PeCDF	0.00000000238 J	0.00000000254 J	0.0000000492 U	0.0000000500 U	0.00000000222 J	NA	0.0000000500 U
PeCDFs (total)	0.00000000474 J	0.00000000616 J	0.0000000492 U	0.0000000500 U	0.00000000222 J	NA	0.0000000500 U
1,2,3,4,7,8-HxCDF	0.0000000500 U	0.0000000497 U	0.0000000492 U	0.0000000500 U	0.0000000500 U	NA	0.0000000500 U
1,2,3,6,7,8-HxCDF	0.0000000500 U	0.0000000497 U	0.0000000492 U	0.0000000500 U	0.0000000500 U	NA	0.0000000500 U
1,2,3,7,8,9-HxCDF	0.0000000500 U	0.0000000497 U	0.0000000492 U	0.0000000500 U	0.0000000500 U	NA	0.0000000500 U
2,3,4,6,7,8-HxCDF	0.0000000500 U	0.0000000497 U	0.0000000492 U	0.0000000500 U	0.0000000500 U	NA	0.0000000500 U
HxCDFs (total)	0.00000000190 J	0.0000000497 U	0.0000000492 U	0.0000000500 U	0.0000000500 U	NA	0.0000000500 U
1,2,3,4,6,7,8-HpCDF	0.0000000500 U	0.0000000497 U	0.0000000492 U	0.0000000500 U	0.0000000500 U	NA	0.0000000500 U
1,2,3,4,7,8,9-HpCDF	0.0000000500 U	0.0000000497 U	0.0000000492 U	0.0000000500 U	0.0000000500 U	NA	0.0000000500 U
HpCDFs (total)	0.0000000500 U	0.0000000497 U	0.0000000492 U	0.0000000500 U	0.0000000500 U	NA	0.0000000500 U
OCDF	0.000000100 U	0.0000000994 U	0.0000000984 U	0.000000100 U	0.000000100 U	NA	0.000000100 U
2,3,7,8-TCDD	0.0000000100 U	0.00000000994 U	0.00000000984 U	0.0000000100 U	0.0000000100 U	NA	0.0000000100 U
TCDDs (total)	0.0000000100 U	0.00000000994 U	0.00000000984 U	0.0000000100 U	0.0000000100 U	NA	0.0000000100 U
1,2,3,7,8-PeCDD	0.0000000500 U	0.0000000497 U	0.0000000492 U	0.0000000500 U	0.0000000500 U	NA	0.0000000500 U
PeCDDs (total)	0.0000000500 U	0.0000000497 U	0.0000000492 U	0.0000000500 U	0.0000000500 U	NA	0.0000000500 U
1,2,3,4,7,8-HxCDD	0.0000000500 U	0.0000000497 U	0.0000000492 U	0.0000000500 U	0.0000000500 U	NA	0.0000000500 U
1,2,3,6,7,8-HxCDD	0.0000000500 U	0.0000000497 U	0.0000000492 U	0.0000000500 U	0.0000000500 U	NA	0.0000000500 U
1,2,3,7,8,9-HxCDD	0.0000000500 U	0.0000000497 U	0.0000000492 U	0.0000000500 U	0.0000000500 U	NA	0.0000000500 U
HxCDDs (total)	0.0000000500 U	0.0000000497 U	0.0000000492 U	0.0000000500 U	0.0000000500 U	NA	0.0000000500 U
1,2,3,4,6,7,8-HpCDD	0.0000000500 U	0.0000000497 U	0.0000000492 U	0.00000000544 J	0.00000000632 J	NA	0.0000000500 U
HpCDDs (total)	0.00000000458 J	0.0000000497 U	0.0000000492 U	0.0000000101 J	0.0000000117 J	NA	0.0000000500 U
OCDD	0.0000000612 J	0.0000000347 J	0.0000000383 J	0.0000000679 J	0.0000000734 J	NA	0.0000000127 J
Total TEQs (WHO TEFs)	0.0000000512	0.0000000499	0.0000000615	0.0000000623	0.0000000509	NA	0.0000000625
TAL Metals (mg/L)							
Aluminum	0.150	0.310	0.284	0.0374	0.0664	0.324	0.208
Antimony	0.00120 B	0.00460	0.00320	0.000900 B	0.000480 B	0.00620	0.00570
Arsenic	0.0235	0.0673	0.0602	0.00160	0.00140	0.0365	0.0163
Barium	0.124	0.0757	0.0789	0.164	0.160	0.0241	0.0406
Beryllium	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U
Cadmium	0.000120 B	0.0000760 B	0.00100 U	0.000290 B	0.000260 B	0.00100 U	0.00100 U
Calcium	36.3	39.9	38.6	37.6	39.1	18.3	18.2
Chromium	0.00260	0.00230	0.00220	0.00440	0.00400	0.00120 B	0.00240
Cobalt	0.000710	0.00100	0.000550	0.000880	0.000220 B	0.000160 B	0.0000340 B
Copper	0.0126	0.00730	0.00890	0.0377	0.0605	0.00170 B	0.00320
Iron	4.46	2.67	2.99	6.30	6.52	0.147	0.184
Lead	0.00860	0.00510	0.00520	0.00920	0.0177	0.00280	0.00440
Magnesium	6.42	7.19	6.83	6.40	6.71	2.38	2.29
Manganese	0.328	0.0583	0.0792	0.769	0.554	0.00250	0.00290
Mercury	0.000200 U	0.000200 U	0.000200 U	0.000200 U	0.000200 U	0.000200 U	0.000200 U
Nickel	0.00190	0.00280	0.00180	0.00260	0.00210	0.000960 B	0.000470 B
Potassium	2.64	3.11	2.91	2.70	2.76	1.07	1.01
Selenium	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U
Silver	0.00100 U	0.00100 U	0.00100 U	0.000190 B	0.00100 U	0.00100 U	0.00100 U
Sodium	12.2	13.6	12.7	12.6	12.6	7.98	7.95
Thallium	0.000100 B	0.000410 B	0.00100 U	0.000320 B	0.00100 U	0.00100 U	0.00100 U
Vanadium	0.0155	0.0211	0.0189	0.00100 U	0.00100 U	0.00520	0.0202
Zinc	0.0251	0.0290	0.0190	0.0394	0.0408	0.0145	0.00310 B

MMF AND CARBON COLUMN TEST SAMPLE DATA

Sample ID: / Date Collected:	H2S4B-BETGAC6-DUP 9/13/2004	H2S4B-GAC2OUT2 9/13/2004	H2S4B-GAC2OUT6 9/13/2004	H2S4B-MMFIN 9/13/2004	H2S4B-MMFOUT2 9/13/2004	H2S4B-MMFOUT6 9/13/2004
Congener PCBs (mg/L)						
Total PCB	0.00000934 U	NA	0.00000934 U	0.0000322 J	NA	0.0000252 J
PCBs (mg/L)						
Aroclor-1016	NA	NA	NA	NA	NA	0.000010 U
Aroclor-1221	NA	NA	NA	NA	NA	0.000034
Aroclor-1232	NA	NA	NA	NA	NA	0.000010 U
Aroclor-1242	NA	NA	NA	NA	NA	0.000010 U
Aroclor-1248	NA	NA	NA	NA	NA	0.000010 U
Aroclor-1254	NA	NA	NA	NA	NA	0.000010 U
Aroclor-1260	NA	NA	NA	NA	NA	0.000010 U
Total PCBs	NA	NA	NA	NA	NA	0.000034
PAHs (mg/L)						
Carbazole	0.00926 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Acenaphthene	0.00926 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Acenaphthylene	0.00926 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Anthracene	0.00926 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Benzo(a)anthracene	0.00926 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Benzo(a)pyrene	0.00926 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Benzo(b)fluoranthene	0.00926 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Benzo(g,h,i)perylene	0.00926 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Benzo(k)fluoranthene	0.00926 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Chrysene	0.00926 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Dibenzo(a,h)anthracene	0.00926 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Fluoranthene	0.00926 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Fluorene	0.00926 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Indeno(1,2,3-cd)pyrene	0.00926 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Naphthalene	0.00926 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Phenanthrene	0.00926 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Pyrene	0.00926 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Total PAHs	0.00926 U	0.00943 U	0.00926 U	0.00926 U	0.00926 U	0.00926 U
Ammonia Nitrogen (mg/L)						
Ammonia Nitrogen	NA	3.49	3.53	3.83	3.71	3.70
Biological Oxygen Demand (mg/L)						
BOD (five day)	NA	10	12	15	11	16
Chemical Oxygen Demand (mg/L)						
COD	NA	5 U	6 U	7	8	8
Nitrate (mg/L)						
Nitrate	NA	0.20 U	0.20 U	2.0	1.9	2.2
Nitrite (mg/L)						
Nitrite	NA	0.040	0.060	0.29	0.37	0.38
TOC (mg/L)						
Total Organic Carbon	0.966 U	0.966 U	0.966 U	2.83	2.96	3.20
DOC (mg/L)						
Dissolved Organic Carbon	0.97 U	0.97 U	0.97 U	2.8	2.6	2.8
Total Kjeldahl Nitrogen (mg/L)						
Total Kjeldahl Nitrogen	NA	3.56	3.54	4.47	4.25	4.19
Total Phosphorus (mg/L)						
Total Phosphorous (PO4)	NA	0.0500 U	0.140	0.0500 U	0.0500 U	0.0500 U
TSS (mg/L)						
Total Suspended Solids	1.20	1.00 U	1.00 U	3.00	1.20	1.00 U

MMF AND CARBON COLUMN TEST SAMPLE DATA

Sample ID: / Date Collected:	H2S4B-BETGAC6-DUP 9/13/2004	H2S4B-GAC2OUT2 9/13/2004	H2S4B-GAC2OUT6 9/13/2004	H2S4B-MMFIN 9/13/2004	H2S4B-MMFOUT2 9/13/2004	H2S4B-MMFOUT6 9/13/2004
PCDD/PCDFs (mg/L)						
2,3,7,8-TCDF	NA	NA	0.00000000994 U	0.00000000980 U	NA	0.00000000998 U
TCDFs (total)	NA	NA	0.00000000994 U	0.00000000980 U	NA	0.00000000998 U
1,2,3,7,8-PeCDF	NA	NA	0.00000000425 J	0.00000000494 J	NA	0.0000000499 U
2,3,4,7,8-PeCDF	NA	NA	0.00000000350 J	0.00000000365 J	NA	0.0000000499 U
PeCDFs (total)	NA	NA	0.00000000775 J	0.00000000859 J	NA	0.0000000499 U
1,2,3,4,7,8-HxCDF	NA	NA	0.00000000302 J	0.00000000371 J	NA	0.0000000499 U
1,2,3,6,7,8-HxCDF	NA	NA	0.0000000497 U	0.0000000490 U	NA	0.0000000499 U
1,2,3,7,8,9-HxCDF	NA	NA	0.0000000497 U	0.0000000490 U	NA	0.0000000499 U
2,3,4,6,7,8-HxCDF	NA	NA	0.0000000497 U	0.0000000490 U	NA	0.0000000499 U
HxCDFs (total)	NA	NA	0.00000000962 J	0.00000000761 J	NA	0.0000000499 U
1,2,3,4,6,7,8-HpCDF	NA	NA	0.0000000497 U	0.0000000490 U	NA	0.0000000499 U
1,2,3,4,7,8,9-HpCDF	NA	NA	0.0000000497 U	0.0000000490 U	NA	0.0000000499 U
HpCDFs (total)	NA	NA	0.0000000497 U	0.0000000490 U	NA	0.0000000499 U
OCDF	NA	NA	0.0000000994 U	0.0000000980 U	NA	0.0000000998 U
2,3,7,8-TCDD	NA	NA	0.00000000994 U	0.00000000980 U	NA	0.00000000998 U
TCDDs (total)	NA	NA	0.00000000994 U	0.00000000980 U	NA	0.00000000998 U
1,2,3,7,8-PeCDD	NA	NA	0.0000000497 U	0.00000000575 J	NA	0.0000000499 U
PeCDDs (total)	NA	NA	0.0000000497 U	0.00000000575 J	NA	0.0000000499 U
1,2,3,4,7,8-HxCDD	NA	NA	0.0000000497 U	0.0000000490 U	NA	0.0000000499 U
1,2,3,6,7,8-HxCDD	NA	NA	0.0000000497 U	0.0000000490 U	NA	0.0000000499 U
1,2,3,7,8,9-HxCDD	NA	NA	0.0000000497 U	0.0000000490 U	NA	0.0000000499 U
HxCDDs (total)	NA	NA	0.0000000497 U	0.00000000337 J	NA	0.0000000499 U
1,2,3,4,6,7,8-HpCDD	NA	NA	0.0000000497 U	0.00000000441 J	NA	0.0000000499 U
HpCDDs (total)	NA	NA	0.0000000497 U	0.00000000441 J	NA	0.0000000499 U
OCDD	NA	NA	0.0000000994 U	0.0000000253 J	NA	0.0000000998 U
Total TEQs (WHO TEFs)	NA	NA	0.0000000482	0.0000000288	NA	0.0000000624
TAL Metals (mg/L)						
Aluminum	0.229	0.461	0.344	0.0120 B	0.0116 B	0.0174 B
Antimony	0.00610	0.00780	0.00610	0.00670 E	0.00570	0.00620
Arsenic	0.0169	0.0339	0.0385	0.00100	0.000680 B	0.000760 B
Barium	0.0456	0.0196	0.0229	0.0656	0.0539	0.0625
Beryllium	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U
Cadmium	0.00100 U	0.00100 U	0.00100 U	0.0000730 B	0.00100 U	0.00100 U
Calcium	20.2	19.5	17.8	20.0	19.1	20.7
Chromium	0.00140 B	0.00110 B	0.00150 B	0.00210	0.00220	0.00180 B
Cobalt	0.0000490 B	0.000180 B	0.000150 B	0.000580	0.000500 U	0.000500 U
Copper	0.00350	0.000980 B	0.00210	0.0616	0.0157	0.0192
Iron	0.196	0.0464 B	0.0973	0.707	0.296	0.268
Lead	0.00470	0.000880 B	0.00340	0.0197	0.00640	0.00820
Magnesium	2.49	2.70	2.17	2.58	2.36	2.62
Manganese	0.00320	0.00130	0.00190	0.0733	0.00870	0.00890
Mercury	0.000200 U	0.000200 U	0.000200 U	0.000200 U	0.000200 U	0.000200 U
Nickel	0.000330 B	0.000800 B	0.000570 B	0.00150	0.00110	0.000860 B
Potassium	1.09	1.23	0.996	1.14	1.05	1.12
Selenium	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U
Silver	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U	0.00100 U
Sodium	8.54	8.08	7.82	8.62	8.17	8.78
Thallium	0.00100 U	0.00100 U	0.00100 U	0.000240 B	0.00100 U	0.00100 U
Vanadium	0.0213	0.00430	0.00760	0.00100 U	0.00100 U	0.00100 U
Zinc	0.00390 B	0.00870	0.00220 B	0.0250	0.0126	0.00940

TABLE 24
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

MMF AND CARBON COLUMN TEST SAMPLE DATA

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. (BBL), and were submitted to Severn Trent Laboratories, Inc. Pittsburgh, Paradigm Analytical Laboratories, St. Peter's Bender Laboratory and Northeast Analytical Services, Inc. for analysis.
2. U = Indicates the constituent was not detected. The value preceding the U indicates the laboratory quantitation limit.
3. As specified in the *Treatability Studies Work Plan* (BBL, 2004), data validation was performed on approximately 10% of the analytical data set.
4. 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.
5. mg/Kg = milligrams per liter.
6. NA - Not analyzed.
7. Laboratory Data Qualifiers:

   Organics (PCBs, PAHs, PCDD/PCDFs)
   - B - Analyte was also detected in the associated method blank.
   - E - Analyte exceeded calibration range.
   - J - Indicates an estimated value.

   Inorganics (TAL Metals, Total Kjeldahl Nitrogen)
   - B - Indicates an estimated value between the instrument detection limit and practical quantitation limit (PQL).
   - E - Matrix interference.
   - X - Method blank contamination.

TABLE 25
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

RSSCT WATER SAMPLE DATA FROM TESTS NOT COMPLETED

Sample ID	Date Collected	Total PCBs (mg/L)	Total Organic Carbon (mg/L)	Total Suspended Solids (mg/L)
FB-00	1/25/2005	0.0000010 U	0.966 U	1.00 U
G1-00	1/25/2005	0.000023 J	0.966 U	4.00 U
G2-00	1/25/2005	0.000015 J	0.966 U	4.00 U
H1S2-MMF OUT RSSCT	9/9/2004	0.00024	NA	NA
H1S2-MMFOUTRSSCT2	9/13/2004	0.000067	NA	NA
H1S4A FILTRATE-5umBAG-T	10/7/2004	0.00096	NA	NA
H1S4A FILTRATE-DECANT	10/25/2004	0.00055 J	NA	1.10
H1S4A FILTRATE-SS<5uM	10/25/2004	0.00029 J	NA	8.17
H1S4AFILTRATE-<5UM-D	9/27/2004	0.011	NA	NA
H1S4AFILTRATE-<5UM-T	9/27/2004	0.014	NA	NA
H1S4AFILTRATE-D	9/27/2004	0.010	NA	NA
H1S4AFILTRATE-T	9/27/2004	0.0090	NA	NA
P1-00	1/25/2005	0.000018 J	0.966 U	2.86 U
P2-00	1/25/2005	0.000012 J	0.966 U	2.86 U
RSSCT PREP 01	12/29/2004	0.098	3.66	NA
RSSCT PREP 02	12/29/2004	0.085	3.58	NA
RSSCT PREP 03	1/10/2005	0.074	4.35	NA
RSSCT PREP 04	1/10/2005	0.083	3.36	NA
RSSCT PREP 05	1/10/2005	0.078	3.40	NA
RSSCT PREP 06	1/10/2005	0.048	4.78	6.40
RSSCT PREP 07	1/10/2005	0.0076	5.02	3.40
Y1-00	1/25/2005	0.0086	4.42	3.85 U
Y2-00	1/25/2005	0.0086	4.66	4.00 U

Notes:

1. Samples were collected by Waste Stream Technology, Inc., and were submitted to Northeast Analytical Services, Inc. for analysis.
2. U = Indicates the constituent was not detected. The value preceding the U indicates the laboratory quantitation limit.
3. As specified in the *Treatability Studies Work Plan* (Blasland, Bouck & Lee, Inc. [BBL], 2004), data validation was performed on approximately 10% of the analytical data set.
4. mg/L = milligrams per liter.
5. NA - Not analyzed.
6. Laboratory Data Qualifiers:
   Organics (PCBs)
   J - Indicates an estimated value.

TABLE 26
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

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ATTORNEY WORK PRODUCT
PREPARED AT THE REQUEST OF COUNSEL

RSSCT WATER SAMPLE DATA

Sample ID	Date Collected	Units	Total PCBs (Congener)	Total PCBs (Aroclor)	Total Organic Carbon	Total Suspended Solids
FB-13	5/9/2005	mg/L	0.00000934 U	NA	NA	NA
FB-20	5/16/2005	mg/L	NA	NA	0.966 U	1.00 U
FB-24	5/20/2005	mg/L	0.00000934 U	NA	0.966 U	1.00 U
FEED 0-7	5/4/2005	mg/L	NA	0.0089	NA	NA
FEED 8-15	5/12/2005	mg/L	NA	0.0067	NA	NA
FEED 16-23	5/20/2005	mg/L	NA	0.0081	NA	NA
G1-00	4/26/2005	mg/L	NA	0.000065 U	NA	NA
G1-02	4/28/2005	mg/L	NA	0.000065 U	NA	NA
G1-05	5/1/2005	mg/L	NA	0.000065 U	NA	NA
G1-07	5/3/2005	mg/L	0.00000934 U	NA	1.74	1.00 U
G1-08	5/4/2005	mg/L	NA	0.000065 U	NA	NA
G1-12	5/8/2005	mg/L	NA	0.000065 U	NA	NA
G1-13	5/9/2005	mg/L	0.00000934 U	NA	1.97	1.00 U
G1-15	5/11/2005	mg/L	NA	0.000065 U	NA	NA
G1-16	5/12/2005	mg/L	0.00000934 U	NA	1.86	1.00 U
G1-19	5/16/2005	mg/L	NA	0.000065 U	NA	NA
G1-20	5/16/2005	mg/L	0.00000934 U	NA	1.93	1.00 U
G1-21	5/17/2005	mg/L	NA	0.000065 U	NA	NA
G1-22	5/18/2005	mg/L	0.00000934 U	NA	2.58	1.00 U
G1-23	5/19/2005	mg/L	NA	0.0000093 J	NA	NA
G1-24	5/20/2005	mg/L	0.00000934 U	NA	2.14	1.00 U
G2-07	5/3/2005	mg/L	0.00000934 U	NA	0.966 U	1.00 U
G2-13	5/9/2005	mg/L	0.00000934 U	NA	0.980	1.00 U
G2-16	5/12/2005	mg/L	0.00000934 U	NA	0.966 U	1.00 U
G2-20	5/16/2005	mg/L	0.00000934 U	NA	1.11	1.00 U
G2-21	5/17/2005	mg/L	NA	0.000065 U	NA	NA
G2-22	5/18/2005	mg/L	0.00000934 U	NA	1.43	1.00 U
G2-23	5/19/2005	mg/L	NA	0.000065 U	NA	NA
G2-24	5/20/2005	mg/L	0.00000934 U	NA	1.44	1.00 U
P1-00	4/26/2005	mg/L	NA	0.000065 U	NA	NA
P1-02	4/28/2005	mg/L	NA	0.000065 U	NA	NA
P1-05	5/1/2005	mg/L	NA	0.000065 U	NA	NA
P1-07	5/3/2005	mg/L	0.00000934 U	NA	1.73	1.00 U
P1-08	5/4/2005	mg/L	NA	0.000065 U	NA	NA
P1-12	5/8/2005	mg/L	NA	0.0000087 J	NA	NA
P1-13	5/9/2005	mg/L	0.0000167 J	NA	1.98	1.00
P1-15	5/11/2005	mg/L	NA	0.000013 J	NA	NA
P1-16	5/12/2005	mg/L	0.0000124 J	NA	1.98	1.00 U
P1-19	5/16/2005	mg/L	NA	0.000013 J	NA	NA
P1-20	5/16/2005	mg/L	0.00000934 U	NA	1.90	1.30
P1-21	5/17/2005	mg/L	NA	0.000065 U	NA	NA
P1-22	5/18/2005	mg/L	0.00000934 U	NA	1.96	1.00 U
P1-23	5/19/2005	mg/L	NA	0.000015 J	NA	NA
P1-24	5/20/2005	mg/L	0.00000934 U	NA	1.98	1.00 U
P2-07	5/3/2005	mg/L	0.00000934 U	NA	0.966 U	1.00 U
P2-13	5/9/2005	mg/L	0.00000934 U	NA	1.14	1.00 U
P2-16	5/12/2005	mg/L	0.00000934 U	NA	1.36	1.00 U
P2-20	5/16/2005	mg/L	0.00000934 U	NA	1.66	1.00 U
P2-21	5/17/2005	mg/L	NA	0.000065 U	NA	NA
P2-22	5/18/2005	mg/L	0.00000934 U	NA	1.66	1.10
P2-23	5/19/2005	mg/L	NA	0.0000087 J	NA	NA
P2-24	5/20/2005	mg/L	0.00000934 U	NA	1.68	1.00 U
Y1-00	4/26/2005	mg/L	NA	0.013	NA	NA
Y1-02	4/28/2005	mg/L	NA	0.012	NA	NA
Y1-05	5/1/2005	mg/L	NA	0.0030	NA	NA
Y1-07	5/3/2005	mg/L	0.00327	NA	2.85	1.00 U
Y1-08	5/4/2005	mg/L	NA	0.0055	NA	NA
Y1-12	5/8/2005	mg/L	NA	0.0056	NA	NA
Y1-13	5/9/2005	mg/L	0.00431	NA	2.81	1.00 U
Y1-15	5/11/2005	mg/L	NA	0.0058	NA	NA
Y1-16	5/12/2005	mg/L	0.00265	NA	2.58	1.00 U
Y1-19	5/16/2005	mg/L	NA	0.0042	NA	NA
Y1-20	5/16/2005	mg/L	0.00295	NA	2.33	1.00
Y1-21	5/17/2005	mg/L	NA	0.018	NA	NA
Y1-22	5/18/2005	mg/L	0.00991	NA	2.51	1.00 U

TABLE 26
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

RSSCT WATER SAMPLE DATA

Sample ID	Date Collected	Units	Total PCBs (Congener)	Total PCBs (Aroclor)	Total Organic Carbon	Total Suspended Solids
Y1-23	5/19/2005	mg/L	NA	0.012	NA	NA
Y1-24	5/20/2005	mg/L	0.00313	NA	2.24	1.00 U
Y2-07	5/3/2005	mg/L	0.00315	NA	2.67	1.00 U
Y2-13	5/9/2005	mg/L	0.00358	NA	2.49	1.00 U
Y2-16	5/12/2005	mg/L	0.00273	NA	2.56	1.00 U
Y2-20	5/16/2005	mg/L	0.00286	NA	2.45	1.00 U
Y2-21	5/17/2005	mg/L	NA	0.017	NA	NA
Y2-22	5/18/2005	mg/L	0.00944	NA	2.21	1.00 U
Y2-23	5/19/2005	mg/L	NA	0.014	NA	NA
Y2-24	5/20/2005	mg/L	0.00432	NA	2.17	1.00 U

Notes:

1. Samples were collected by Waste Stream Technology, Inc., and were submitted to Northeast Analytical Services, Inc. for analysis.
2. U = Indicates the constituent was not detected. The value preceding the U indicates the laboratory quantitation limit.
3. As specified in the *Treatability Studies Work Plan* (Blasland, Bouck & Lee, Inc. [BBL], 2004), data validation was performed on approximately 10% of the analytical data set.
4. mg/L = milligrams per liter.
5. NA - Not analyzed.

6. Laboratory Data Qualifiers:
   Organics (PCBs)
   J - Indicates an estimated value less than the practical quantitation limit (PQL).

7. On 4/27/05, Blasland, Bouck & Lee, Inc., collected a sample of the RSSCT feed water and submitted the sample to Severn Trent Laboratories for analysis of mercury. The result was 0.00000051 mg/L total mercury.

8. Sample ID Legend:
   FB = field blank.
   FEED = composite of feed water for the days shown.
   G1 = single column with Norit carbon.
   G2 = double column with Norit carbon.
   P1 = single column with Calgon carbon.
   P2 = double column with Calgon carbon.
   Y1 = single blank column.
   Y2 = double blank column.

TABLE 27
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

STABILIZATION/SOLIDIFICATION AND STORAGE/TRANSPORTATION SAMPLE DATA

Sample ID: / Date Collected:	SS02 7/16/2004	SS09 7/16/2004	SS14 7/16/2004	SS14-DUP 7/16/2004	SS17 7/16/2004	SS26 7/16/2004
PCBs (mg/Kg)						
Aroclor-1016	0.027 U	0.013 U	0.67 U	0.68 U	0.78 U	0.16 U
Aroclor-1221	3.2	2.0	76	74	86	26
Aroclor-1232	0.027 U	0.013 U	0.67 U	0.68 U	0.78 U	0.16 U
Aroclor-1242	2.3	1.4	13	12	15	7.2
Aroclor-1248	0.027 U	0.013 U	0.67 U	0.68 U	0.78 U	0.16 U
Aroclor-1254	0.027 U	0.17	0.67 U	0.68 U	0.78 U	0.16 U
Aroclor-1260	0.027 U	0.013 U	0.67 U	0.68 U	0.78 U	0.16 U
Total PCBs	5.5	3.6	89	86	101	33
Atterberg Limits						
Liquid Limit	0	0	0	47	0	0
Plastic Limit	0	0	0	0	0	0
Plasticity Index	0	0	0	0	0	0
TOC (mg/Kg)						
Total Organic Carbon	9,500	35,000	26,000	27,000	31,000	15,000
Soil Classification (% of Total Sample)						
Gravel	18.2	31.7	3.8	0.5	27.3	1.7
Sand	70.0	39.8	49.6	49.8	45.0	57.9
Coarse Sand	13.1	5.2	2.5	1.3	2.4	1.0
Medium Sand	33.5	19.1	12.6	12.8	9.2	13.3
Fine Sand	23.4	15.5	34.5	35.7	33.4	43.6
Silt	10.0	26.2	43.9	47.7	17.8	37.8
Clay	1.7	2.3	2.7	2.0	9.9	2.6
Finer than #200	5.5	7.1	33.4	38.0	28.6	36.3
Grain Size - Hydrometer (% Finer/Particle Size um)						
HYD01	8.2 / 37	7.7 / 36	45.5 / 36	49.6 / 34	27.1 / 37	38.1 / 36
HYD02	6.9 / 23	3.6 / 24	41.9 / 23	46.2 / 22	22.8 / 24	30.3 / 23
HYD03	3.0 / 13.6	3.6 / 13.6	38.3 / 13.5	42.8 / 12.9	14.2 / 14.3	22.5 / 13.7
HYD04	1.7 / 9.5	3.6 / 9.8	16.7 / 10.0	32.6 / 9.4	10.9 / 10.2	4.9 / 10.1
HYD05	1.7 / 6.8	2.3 / 6.7	2.7 / 7.4	2.0 / 7.4	9.9 / 7.1	2.6 / 7.3
HYD06	1.7 / 3.4	2.3 / 3.4	2.7 / 3.7	2.0 / 3.6	9.9 / 3.5	2.6 / 3.5
HYD07	1.1 / 1.4	2.0 / 1.4	1.5 / 1.6	1.4 / 1.5	3.2 / 1.6	2.0 / 1.5
Grain Size - Sieve (% Finer)						
1 inch/25 mm	100.0	88.2	100.0	100.0	76.9	100.0
0.75 inch/19 mm	100.0	88.2	100.0	100.0	76.9	100.0
0.375 inch/9.5 mm	93.7	75.5	100.0	100.0	76.9	100.0
#4/4.75 mm	81.8	68.3	96.2	99.5	72.7	98.3
#10/2 mm	68.7	63.0	93.7	98.2	70.3	97.3
#20/0.85 mm	50.1	52.0	89.9	93.8	66.7	93.5
#40/0.425 mm	35.2	43.9	81.1	85.4	61.1	84.0
#60/0.25 mm	24.7	37.8	71.2	75.7	52.4	74.3
#80/0.18 mm	18.8	33.6	61.2	65.2	42.8	66.4
#100/0.15 mm	15.8	32.1	57.2	60.9	38.6	62.0
#200/0.075 mm	11.7	28.4	46.6	49.7	27.7	40.4
PCDD/PCDFs (mg/Kg)						
2,3,7,8-TCDF	0.000000771 J	0.000000759 J	0.00000245	0.00000280	0.00000246	0.00000352
TCDFs (total)	0.0000153	0.0000144	0.0000720	0.0000844	0.0000682	0.0000920
1,2,3,7,8-PeCDF	0.00000468 U	0.00000472 U	0.000000644 J	0.000000820 J	0.000000565 J	0.000000686 J
2,3,4,7,8-PeCDF	0.00000101 J	0.00000112 J	0.00000509	0.00000568	0.00000471	0.00000519
PeCDFs (total)	0.00000761	0.00000800	0.0000352	0.0000421 Q	0.0000338 Q	0.0000405
1,2,3,4,7,8-HxCDF	0.000000526 J	0.000000513 J	0.00000232 J	0.00000305 J	0.00000245 J	0.00000301 J
1,2,3,6,7,8-HxCDF	0.00000468 U	0.000000308 J	0.00000166 J	0.00000199 J	0.00000163 J	0.00000211 J
1,2,3,7,8,9-HxCDF	0.00000468 U	0.00000472 U	0.000000715 JQ	0.000000949 J	0.000000768 J	0.000000786 J
2,3,4,6,7,8-HxCDF	0.000000410 J	0.000000376 J	0.00000158 J	0.00000196 J	0.00000159 J	0.00000190 J
HxCDFs (total)	0.00000914	0.00000852	0.0000415 Q	0.0000519	0.0000408	0.0000526
1,2,3,4,6,7,8-HpCDF	0.00000621	0.00000624	0.0000338	0.0000448	0.0000354	0.0000391
1,2,3,4,7,8,9-HpCDF	0.00000468 U	0.000000330 J	0.00000229 J	0.00000290 J	0.00000241 J	0.00000251 J
HpCDFs (total)	0.0000171	0.0000168	0.000114	0.000158	0.000123	0.000132
OCDF	0.0000107	0.0000116	0.0000884	0.000138	0.000136	0.000115
2,3,7,8-TCDD	0.000000936 U	0.000000943 U	0.000000368 J	0.000000399 J	0.000000387 J	0.000000617 J
TCDDs (total)	0.0000116	0.00000304	0.0000112	0.0000113	0.00000839	0.0000146
1,2,3,7,8-PeCDD	0.00000468 U	0.00000472 U	0.000000743 J	0.000000995 J	0.000000650 J	0.00000150 J
PeCDDs (total)	0.0000384 Q	0.0000159 Q	0.0000564 Q	0.0000570 Q	0.0000367 Q	0.0000604 Q
1,2,3,4,7,8-HxCDD	0.00000152 J	0.00000132 J	0.00000364 J	0.00000403 J	0.00000257 J	0.00000396 J
1,2,3,6,7,8-HxCDD	0.00000374 J	0.00000186 J	0.00000670	0.00000777	0.00000582	0.00000814
1,2,3,7,8,9-HxCDD	0.00000182 J	0.000000898 J	0.00000272 J	0.00000341 J	0.00000259 J	0.00000397 J
HxCDDs (total)	0.0000685	0.0000364	0.000144	0.000159	0.000109	0.000192
1,2,3,4,6,7,8-HpCDD	0.0000709	0.0000542	0.000254	0.000309	0.000227	0.000298
HpCDDs (total)	0.000135	0.000105	0.000608	0.000749	0.000540	0.000728
OCDD	0.000437	0.000386	0.00351	0.00437 E	0.00335	0.00449 E
Total TEQs (WHO TEFs)	0.00000562	0.00000500	0.00000913	0.0000109	0.00000840	0.0000113

TABLE 27
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

STABILIZATION/SOLIDIFICATION AND STORAGE/TRANSPORTATION SAMPLE DATA

Sample ID: / Date Collected:	SS02 7/16/2004	SS09 7/16/2004	SS14 7/16/2004	SS14-DUP 7/16/2004	SS17 7/16/2004	SS26 7/16/2004
TAL Metals (mg/Kg)						
Aluminum	4,210	11,900	5,880	6,030	7,620	5,900
Antimony	0.110 X	0.240 X	1.30	1.40	1.00	0.610
Arsenic	2.60	5.30	2.20	1.90	2.50	1.40
Barium	46.8	88.1	64.8	61.3	74.3	50.2
Beryllium	0.250	1.20	0.280	0.280	0.490	0.330
Cadmium	0.450 E	0.560 E	8.30 E	8.60 E	7.10 E	10.5 E
Calcium	78,900	74,500	144,000	131,000	51,400	119,000
Chromium	18.9	29.7	170	170	157	63.5
Cobalt	4.80	6.30	4.80	4.70	4.70	4.40
Copper	13.1	17.9	28.3	28.7	26.2	14.5
Iron	10,100	10,400	7,950	8,110	9,040	8,340
Lead	11.3	12.0	126	115	103	69.4
Magnesium	2,220	2,660	2,700	2,660	3,570	2,960
Manganese	108	152	82.1	81.3	92.6	87.3
Mercury	0.0610 N*	0.0840 N*	0.800 N*	1.10 N*	1.40 N*	0.370 N*
Nickel	12.3	112	11.4	11.5	13.6	8.70
Potassium	780	1,910	755	711	1,000	643
Selenium	0.490 X	2.90	0.580 X	1.60	0.730 XN	0.630 X
Silver	0.0440 X	0.0720 X	0.250	0.280	0.180	0.110 X
Sodium	92.9	464	140	157	353	144
Thallium	0.0510 XN	0.200 N	0.0670 XN	0.0580 XN	0.180 NU	0.550 N
Vanadium	12.5 E	301 E	28.5 E	28.4 E	29.4 E	20.4 E
Zinc	46.0 NE*	43.8 NE*	169 NE*	131 NE*	130 NE*	82.0 NE*
VOCs - TCLP (mg/L)						
1,1-Dichloroethene	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
1,2-Dichloroethane	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
2-Butanone	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Benzene	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Carbon Tetrachloride	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Chlorobenzene	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Chloroform	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Tetrachloroethene	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Trichloroethene	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Vinyl Chloride	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
SVOCs - TCLP (mg/L)						
1,4-Dichlorobenzene	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
2,4,5-Trichlorophenol	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
2,4,6-Trichlorophenol	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
2,4-Dinitrotoluene	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Cresol	0.050 U	0.050 U	0.0044 J	0.0058 J	0.0053 J	0.050 U
Hexachlorobenzene	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Hexachlorobutadiene	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Hexachloroethane	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Nitrobenzene	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Pentachlorophenol	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Pyridine	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Pesticides - TCLP (mg/L)						
Endrin	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U
Gamma-BHC (Lindane)	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.000073 JPG	0.00050 U
Heptachlor	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U
Heptachlor Epoxide	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U
Methoxychlor	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U	0.00050 U
Technical Chlordane	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Toxaphene	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
Herbicides-TCLP (mg/L)						
2,4,5-TP	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
2,4-D	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U
Inorganics - TCLP (mg/L)						
Arsenic	0.130 B	0.200 B	0.140 B	0.140 B	0.150 B	0.150 B
Barium	0.230 XB	0.240 XB	0.570 XB	1.30 XB	0.550 XB	0.360 XB
Cadmium	0.100 U	0.00300 B	0.100 U	0.0640 B	0.100 U	0.100 U
Chromium	0.00200 B	0.140 B	0.0100 B	0.320 B	0.00920 B	0.00500 B
Lead	0.0300 B	0.0300 B	0.220 B	0.490 B	0.200 B	0.0690 B
Mercury	0.000200 U	0.000200 U	0.000200 U	0.000200 U	0.000200 U	0.000200 U
Selenium	0.250 U	0.250 U	0.250 U	0.250 U	0.250 U	0.250 U
Silver	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Percent Solids (%)						
Percent Solids	82.6	81.2	64.2	65.5	58.0	68.4
pH (pH Units)						
pH	12.50	12.30	12.50	12.30	12.60	12.50
Specific Gravity						
Specific Gravity	2.67	2.62	2.41	2.51	2.38	2.49

TABLE 27
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

STABILIZATION/SOLIDIFICATION AND STORAGE/TRANSPORTATION SAMPLE DATA

Sample ID: / Date Collected:	SS29 7/16/2004	SS48 7/16/2004	SS50 7/16/2004	SS52 8/20/2004	SS52R 9/13/2004	SS58R 9/13/2004	SS58 8/20/2004
PCBs (mg/Kg)							
Aroclor-1016	0.32 U	1.0 U	1.3 U	0.058 U	NA	NA	1.6 U
Aroclor-1221	30	140	170	3.0	NA	NA	180
Aroclor-1232	0.32 U	1.0 U	1.3 U	0.058 U	NA	NA	1.6 U
Aroclor-1242	8.5	17	23	5.2	NA	NA	23
Aroclor-1248	0.32 U	1.0 U	1.3 U	0.058 U	NA	NA	1.6 U
Aroclor-1254	0.32 U	1.0 U	1.3 U	0.74	NA	NA	1.6 U
Aroclor-1260	0.32 U	1.0 U	1.3 U	0.058 U	NA	NA	1.6 U
Total PCBs	39	157	193	8.9	NA	NA	203
Atterberg Limits							
Liquid Limit	0	62	70	0	NA	NA	84
Plastic Limit	0	0	0	0	NA	NA	0
Plasticity Index	0	0	0	0	NA	NA	0
TOC (mg/Kg)							
Total Organic Carbon	23,000	150,000	30,000	4,000	NA	NA	33,000
Soil Classification (% of Total Sample)							
Gravel	0.9	0.2	0.0	27.5	NA	NA	0.0
Sand	52.6	11.9	29.2	55.6	NA	NA	43.1
Coarse Sand	1.0	0.5	0.4	13.7	NA	NA	0.4
Medium Sand	6.7	1.5	5.1	19.8	NA	NA	9.3
Fine Sand	44.9	9.9	23.7	22.1	NA	NA	33.4
Silt	30.5	51.1	62.6	11.0	NA	NA	44.2
Clay	16.0	36.8	8.1	5.8	NA	NA	12.6
Finer than #200	28.8	64.7	49.6	11.9	NA	NA	55.0
Grain Size - Hydrometer (% Finer/Particle Size um)							
HYD01	33.0 / 36	74.7 / 35	69.9 / 40	13.2 / 35	NA	NA	54.0 / 33
HYD02	25.0 / 23	61.2 / 23	62.2 / 26	9.0 / 22	NA	NA	31.6 / 23
HYD03	21.5 / 13.4	52.6 / 13.3	13.3 / 16.3	7.9 / 13.0	NA	NA	14.7 / 13.6
HYD04	17.6 / 9.8	43.5 / 9.5	8.1 / 11.3	6.9 / 9.4	NA	NA	12.6 / 9.9
HYD05	16.0 / 6.9	36.8 / 7.0	8.1 / 8.2	5.8 / 6.7	NA	NA	12.6 / 6.7
HYD06	9.9 / 3.4	20.6 / 3.4	8.1 / 3.1	5.6 / 3.2	NA	NA	12.4 / 3.4
HYD07	9.6 / 1.4	15.8 / 1.5	7.7 / 1.7	5.5 / 1.4	NA	NA	8.9 / 1.4
Grain Size - Sieve (% Finer)							
1 inch/25 mm	100.0	100.0	100.0	100.0	NA	NA	100.0
0.75 inch/19 mm	100.0	100.0	100.0	100.0	NA	NA	100.0
0.375 inch/9.5 mm	100.0	100.0	100.0	88.7	NA	NA	100.0
#4/4.75 mm	99.1	99.8	100.0	72.5	NA	NA	100.0
#10/2 mm	98.2	99.3	99.6	58.8	NA	NA	99.6
#20/0.85 mm	95.4	98.8	99.2	48.2	NA	NA	96.4
#40/0.425 mm	91.5	97.8	94.4	38.9	NA	NA	90.2
#60/0.25 mm	86.1	96.6	84.6	28.6	NA	NA	82.0
#80/0.18 mm	78.4	95.3	79.3	23.1	NA	NA	75.7
#100/0.15 mm	73.7	94.6	77.7	21.4	NA	NA	73.0
#200/0.075 mm	46.6	87.9	70.8	16.8	NA	NA	56.8
PCDD/PCDFs (mg/Kg)							
2,3,7,8-TCDF	0.00000286	0.00000658	0.0000116	0.000000613 J	NA	NA	0.0000225
TCDFs (total)	0.0000738	0.000174	0.000293	0.00000851 Q	NA	NA	0.000566 Q
1,2,3,7,8-PeCDF	0.000000557 J	0.00000191 J	0.00000289 J	0.000000204 J	NA	NA	0.00000672
2,3,4,7,8-PeCDF	0.00000404 J	0.0000154	0.0000252	0.000000554 J	NA	NA	0.0000532
PeCDFs (total)	0.0000315	0.0000912 Q	0.000152 Q	0.00000336 JQ	NA	NA	0.000335 Q
1,2,3,4,7,8-HxCDF	0.00000227 J	0.00000701	0.0000101	0.000000273 J	NA	NA	0.0000243
1,2,3,6,7,8-HxCDF	0.00000171 J	0.00000373 J	0.00000559	0.000000215 J	NA	NA	0.0000145
1,2,3,7,8,9-HxCDF	0.000000627 J	0.00000198 J	0.00000284 J	0.00000459 U	NA	NA	0.00000623
2,3,4,6,7,8-HxCDF	0.00000146 J	0.00000377 J	0.00000563	0.000000215 J	NA	NA	0.0000177
HxCDFs (total)	0.0000398	0.0000894 Q	0.000146 Q	0.00000357 J	NA	NA	0.000343 Q
1,2,3,4,6,7,8-HpCDF	0.0000312	0.0000727	0.000103	0.00000194 J	NA	NA	0.000269
1,2,3,4,7,8,9-HpCDF	0.00000210 J	0.00000515	0.00000765	0.00000459 U	NA	NA	0.0000179
HpCDFs (total)	0.000103	0.000259	0.000389	0.00000480	NA	NA	0.000771
OCDF	0.0000952	0.000250	0.000294	0.00000288 J	NA	NA	0.000551
2,3,7,8-TCDD	0.000000977 U	0.000000928 J	0.00000142	0.000000150 J	NA	NA	0.00000297
TCDDs (total)	0.0000101	0.0000151	0.0000573	0.00000756	NA	NA	0.000388 Q
1,2,3,7,8-PeCDD	0.000000541 J	0.00000141 J	0.00000244 J	0.000000281 J	NA	NA	0.0000107
PeCDDs (total)	0.0000361 Q	0.0000587 Q	0.000232 Q	0.0000158	NA	NA	0.00131
1,2,3,4,7,8-HxCDD	0.00000229 J	0.00000479 J	0.0000103	0.00000100 J	NA	NA	0.0000500
1,2,3,6,7,8-HxCDD	0.00000566	0.0000131	0.0000250	0.00000194 J	NA	NA	0.000144
1,2,3,7,8,9-HxCDD	0.00000279 J	0.00000571	0.0000105	0.00000106 J	NA	NA	0.0000698
HxCDDs (total)	0.000124	0.000241	0.000643 Q	0.0000349	NA	NA	0.00402 Q
1,2,3,4,6,7,8-HpCDD	0.000201	0.000498	0.000867	0.0000326	NA	NA	0.00347
HpCDDs (total)	0.000493	0.00117	0.00206	0.0000646	NA	NA	0.00912
OCDD	0.00319	0.00819 E	0.0119 E	0.000149	NA	NA	0.0295
Total TEQs (WHO TEFs)	0.00000772	0.0000214	0.0000358	0.00000186	NA	NA	0.000116

TABLE 27
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

STABILIZATION/SOLIDIFICATION AND STORAGE/TRANSPORTATION SAMPLE DATA

Sample ID: / Date Collected:	SS29 7/16/2004	SS48 7/16/2004	SS50 7/16/2004	SS52 8/20/2004	SS52R 9/13/2004	SS58R 9/13/2004	SS58 8/20/2004
TAL Metals (mg/Kg)							
Aluminum	7,680	36,000	7,450	6,620	NA	NA	16,500
Antimony	0.530	1.00	2.30	0.150 XNE	NA	NA	1.40 NE
Arsenic	2.60	24.2	2.70	6.20 NE*	NA	NA	4.90 NE*
Barium	61.8	182	73.2	66.4	NA	NA	145
Beryllium	0.520	3.60	0.360	0.370	NA	NA	1.10
Cadmium	3.10 E	14.3 E	19.3 E	0.230 E*	NA	NA	19.5 E*
Calcium	47,200	61,700	262,000	23,300	NA	NA	170,000
Chromium	66.0	255	257	16.6	NA	NA	330
Cobalt	4.50	13.4	5.10	5.10	NA	NA	8.00
Copper	16.8	67.4	37.5	17.5	NA	NA	54.8
Iron	9,310	15,800	9,310	15,400	NA	NA	17,600
Lead	39.9	171	191	13.6	NA	NA	336
Magnesium	3,870	2,840	4,070	3,940	NA	NA	9,100
Manganese	98.9	138	106	453 N	NA	NA	207 N
Mercury	0.560 N*	0.910 N*	2.00 N*	0.0590	NA	NA	2.20
Nickel	11.7	27.3	13.3	12.4	NA	NA	28.6
Potassium	920	3,650	1,040	1,120	NA	NA	2,520
Selenium	0.660 X	13.2	0.930 X	0.400 X	NA	NA	1.20
Silver	0.100 X	1.30	0.410	0.0940 X	NA	NA	0.500
Sodium	346	553	164	212 E	NA	NA	915 E
Thallium	0.0640 XN	1.20 N	0.0800 XN	0.530	NA	NA	0.340
Vanadium	23.4 E	95.9 E	38.8 E	9.40 E	NA	NA	55.1 E
Zinc	79.7 NE*	232 NE*	237 NE*	63.8 NE	NA	NA	270 NE
VOCs - TCLP (mg/L)							
1,1-Dichloroethene	0.050 U	0.050 U	0.050 U	0.050 U	NA	NA	0.050 U
1,2-Dichloroethane	0.050 U	0.050 U	0.050 U	0.050 U	NA	NA	0.050 U
2-Butanone	0.050 U	0.050 U	0.050 U	0.050 U	NA	NA	0.050 U
Benzene	0.050 U	0.050 U	0.050 U	0.050 U	NA	NA	0.050 U
Carbon Tetrachloride	0.050 U	0.050 U	0.050 U	0.050 U	NA	NA	0.050 U
Chlorobenzene	0.050 U	0.050 U	0.050 U	0.050 U	NA	NA	0.050 U
Chloroform	0.050 U	0.050 U	0.050 U	0.050 U	NA	NA	0.050 U
Tetrachloroethene	0.016 J	0.050 U	1.1	0.050 U	NA	NA	0.050 U
Trichloroethene	0.050 U	0.050 U	0.050 U	0.050 U	NA	NA	0.050 U
Vinyl Chloride	0.050 U	0.050 U	0.050 U	0.050 U	NA	NA	0.050 U
SVOCs - TCLP (mg/L)							
1,4-Dichlorobenzene	0.050 U	0.050 U	0.050 U	NA	0.050 U	0.050 U	NA
2,4,5-Trichlorophenol	0.050 U	0.050 U	0.050 U	NA	0.050 U	0.050 U	NA
2,4,6-Trichlorophenol	0.050 U	0.050 U	0.050 U	NA	0.050 U	0.050 U	NA
2,4-Dinitrotoluene	0.050 U	0.050 U	0.050 U	NA	0.050 U	0.050 U	NA
Cresol	0.0019 J	0.050 U	0.050 U	NA	0.050 U	0.050 U	NA
Hexachlorobenzene	0.050 U	0.050 U	0.050 U	NA	0.050 U	0.050 U	NA
Hexachlorobutadiene	0.050 U	0.050 U	0.050 U	NA	0.050 U	0.050 U	NA
Hexachloroethane	0.050 U	0.050 U	0.050 U	NA	0.050 U	0.050 U	NA
Nitrobenzene	0.050 U	0.050 U	0.050 U	NA	0.050 U	0.050 U	NA
Pentachlorophenol	0.25 U	0.25 U	0.25 U	NA	0.25 U	0.25 U	NA
Pyridine	0.10 U	0.10 U	0.10 U	NA	0.10 U	0.10 U	NA
Pesticides - TCLP (mg/L)							
Endrin	0.00050 U	0.00050 U	0.00050 U	NA	0.00050 U	0.00050 U	NA
Gamma-BHC (Lindane)	0.00050 U	0.00050 U	0.00016 JPG	NA	0.00050 U	0.00050 U	NA
Heptachlor	0.00050 U	0.00050 U	0.00050 U	NA	0.00050 U	0.00050 U	NA
Heptachlor Epoxide	0.00050 U	0.00050 U	0.00050 U	NA	0.00050 U	0.00050 U	NA
Methoxychlor	0.00050 U	0.00050 U	0.00050 U	NA	0.00050 U	0.00050 U	NA
Technical Chlordane	0.0050 U	0.0050 U	0.0050 U	NA	0.0050 U	0.0050 U	NA
Toxaphene	0.020 U	0.020 U	0.020 U	NA	0.020 U	0.020 U	NA
Herbicides-TCLP (mg/L)							
2,4,5-TP	0.010 U	0.010 U	0.010 U	NA	0.010 U	0.010 U	NA
2,4-D	0.040 U	0.040 U	0.040 U	NA	0.040 U	0.0071 J	NA
Inorganics - TCLP (mg/L)							
Arsenic	0.140 B	0.180 B	0.160 B	NA	0.150 B	0.140 B	NA
Barium	1.10 XB	0.210 XB	0.480 XB	NA	0.840 BN	0.560 BN	NA
Cadmium	0.0340 B	0.130	0.100 U	NA	0.00350 B	0.100 U	NA
Chromium	0.170 B	1.30	0.0120 B	NA	0.160 B	0.0430 B	NA
Lead	0.190 B	0.930	0.280 B	NA	0.0660 BN	0.500 NU	NA
Mercury	0.000200 U	0.000200 U	0.000200 U	NA	0.000200 U	0.000200 U	NA
Selenium	0.250 U	0.0670 B	0.250 U	NA	0.250 U	0.250 U	NA
Silver	0.500 U	0.500 U	0.500 U	NA	0.500 NU	0.500 NU	NA
Percent Solids (%)							
Percent Solids	67.1	55.2	52.3	74.1	NA	NA	47.6
pH (pH Units)							
pH	12.60	12.40	12.50	12.40	NA	NA	12.50
Specific Gravity							
Specific Gravity	2.59	2.42	2.14	2.72	NA	NA	2.55

TABLE 27
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

STABILIZATION/SOLIDIFICATION AND STORAGE/TRANSPORTATION SAMPLE DATA

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. (BBL), and were submitted to Severn Trent Laboratories, Inc. (Pittsburgh and Burlington), Paradigm Analytical Laboratories and Northeast Analytical Services, Inc. for analysis.
2. U = Indicates the constituent was not detected. The value preceding the U indicates the laboratory quantitation limit.
3. As specified in the *Treatability Studies Work Plan* (BBL, 2004), data validation was performed on approximately 10% of the analytical data set.
4. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organizatior (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
5. Results are presented in dry weight.
6. mg/Kg = milligrams per kilogram.
7. mg/L = milligrams per liter.
8. g/cm3 = grams per cubic centimeter.
9. um = micrometer and mm = millimeter.
10. NA - Not analyzed.

11. Laboratory Data Qualifiers:

    Organics (PCBs, PAHs, VOCs, SVOCs, Pesticides, Herbicides, PCDD/PCDFs)

    E - Analyte exceeded calibration range.
    J - Indicates an estimated value.
    Q - Indicates the presence of quantitative interferences.
    PG - Greater than 40% difference between primary and confirmation collumn.

    Inorganics (TAL Metals, Total Kjeldahl Nitrogen)

    E - Matrix interference.
    B - Indicates an estimated value between the instrument detection limit and practical quantitation limit (PQL).
    N - Indicates sample matrix spike analysis was outside control limits.
    X - Method blank contamination.
    * - Serial dilution results not within 10%. Applicable only if analyte concentration is at least 50X the IDL in original sample

TABLE 28
GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
TREATABILITY STUDY

DRAFT
PRIVILEGED AND CONFIDENTIAL
ATTORNEY WORK PRODUCT
PREPARED AT THE REQUEST OF COUNSEL

CENTRIFUGE SAMPLE DATA

Sample ID	Date Collected	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs	Percent Solids (%)	TSS
CAKE SAMPLES (mg/Kg)										
H1S3-CF02-CAKE	8/3/2004	330	2.3 U	45	2.3 U	2.3 U	2.3 U	380	46.6	NA
H1S3-CF16-CAKE	8/3/2004	76	0.68 U	19	0.68 U	0.68 U	0.68 U	95	48.1	NA
H1S3-CF23-CAKE	8/3/2004	55	0.51 U	14	0.51 U	0.51 U	0.51 U	69	63.8	NA
H1S4B-CF17-CAKE	8/3/2004	380	2.9 U	49	2.9 U	2.9 U	2.9 U	430	37.3	NA
H2S4B-CF18-CAKE	8/3/2004	340	2.8 U	45	2.8 U	2.8 U	2.8 U	390	39.1	NA
CENTRATE SAMPLES (mg/L)										
H1S3-CF02-CENTRATE	8/3/2004	0.20 B	0.0068 U	0.0092 J	0.0068 U	0.0068 U	0.0068 U	0.21	NA	26.0
H1S3-CF16-CENTRATE	8/3/2004	0.24 B	0.012 U	0.051	0.012 U	0.012 U	0.012 U	0.29	NA	5,560
H1S3-CF23-CENTRATE	8/3/2004	0.014 B	0.00049 U	0.0024	0.00049 U	0.00049 U	0.00049 U	0.016	NA	23.3
H1S4B-CF17-CENTRATE	8/3/2004	1.1 B	0.039 U	0.11	0.039 U	0.039 U	0.039 U	1.2	NA	7,040
H2S4B-CF18-CENTRATE	8/3/2004	0.37 B	0.012 U	0.032	0.012 U	0.012 U	0.012 U	0.40	NA	1,360

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. (BBL), and were submitted to Northeast Analytical Services, Inc. for analysis.
2. U = Indicates the constituent was not detected. The value preceding the U indicates the laboratory quantitation limit.
3. As specified in the *Treatability Studies Work Pla* n (BBL, 2004), data validation was performed on approximately 10% of the analytical data set.
4. NA - Not analyzed.
5. mg/Kg = milligrams per kilogram.
6. mg/L = milligrams per liter.
7. Solid sample results (i.e., results with mg/Kg units) are presented in dry weight.
8. Laboratory Data Qualifiers:
   Organics (PCBs)
   B - Analyte was also detected in the associated method blank.
   J - Indicates an estimated value.