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Final Data Summary Report – 2009 Floodplain Sampling Activities

Upper Hudson River Floodplains

March 2010

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Final Data Summary Report - 2009 Floodplain Sampling Activities

Upper Hudson River Floodplains

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Our Ref.:
B0031035

Date:
March 2010

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1. Introduction

This Final Data Summary Report (DSR) has been prepared to describe and present the results of the Upper Hudson River (UHR) floodplain soil sampling activities that were completed by the General Electric Company (GE) in 2009. The purpose of the 2009 GE sampling activities was to collect additional floodplain soil data to further characterize polychlorinated biphenyl (PCB) concentrations on certain properties that were previously sampled by GE and/or the United States Environmental Protection Agency (EPA) in 2008, and on certain properties containing newly identified, and previously unsampled, potential human use areas. The 2009 floodplain soil sampling activities encompassed the floodplain area extending from Fort Edward, New York to Waterford, New York (i.e., from approximately river mile [RM] 195 to RM 156), including islands within the river. A Site Location Map depicting the project area is presented as Figure 1-1.

The floodplain sampling activities were performed in two phases: Phase I and Phase II. The Phase I activities were completed from July 28, 2009 to August 7, 2009 and included additional sampling on properties that had been previously sampled by GE and/or EPA in 2008. The Phase II activities were completed from September 21, 2009 to October 2, 2009 and included sampling on previously unsampled properties (hereafter referred to as properties targeted for initial sampling in 2009).

The 2009 field sampling activities were completed in accordance with the Administrative Settlement Agreement and Order on Consent - U.S. EPA Region 2, Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Docket No. 02-2008-2019, executed on September 8, 2008, and modified on July 23, 2009, (2008 Settlement Agreement; EPA, 2008), as well as the EPA-approved Upper Hudson River Floodplains 2009 Field Sampling Plan Addendum (FSP Addendum; Anchor QEA and ARCADIS, 2009).

In addition to GE's sampling efforts, the EPA also collected floodplain soil samples in 2009, as summarized in Section 2.6 of this DSR.

This remainder of this DSR is organized by section as identified in Table 1-1 below.

Table 1-1 Report Organization

Section	Description
1 – Introduction	Provides a brief project background and presents the organization of this DSR.
2 – 2009 Floodplain Soil Sampling Activities, Laboratory Analyses and Results	Describes the 2009 floodplain soil sampling activities and laboratory analyses, and presents the results for the floodplain soil samples.
3 – Data Verification and Validation	Describes the laboratory data verification and validation activities and the results.
4– References	Presents references that are cited in this DSR.
Tables	Provides tables that are referenced in this DSR.
Figures	Provides figures that are referenced in this DSR.
Appendices	Provides appendices that are referenced in this DSR.

2. 2009 Floodplain Soil Sampling Activities, Laboratory Analyses and Results

This section describes the floodplain soil sampling and related activities completed in 2009, including:

- Property owner outreach and access agreements
- Regulatory permitting
- Field surveying, sample location inspections, and soil core collection
- Soil core processing and sample collection
- Laboratory analyses

Section 2.6 provides a description of EPA's 2009 data collection activities.

2.1 Property Owner Outreach and Access Agreements

On behalf of GE, Behan Communications, Inc. (Behan) attempted to obtain access from owners of all properties proposed for sampling in the FSP Addendum in order to conduct the field activities. Access was requested for GE, its authorized representatives, and for representatives of EPA, their contractors, and oversight officials. As described below, the access outreach efforts for the properties that were previously sampled by GE and/or EPA in 2008 were managed separately from the access outreach efforts for those properties targeted for initial sampling in 2009.

2.1.1 Properties Previously Sampled by GE and/or EPA in 2008

As signed property access agreements were previously received from the owners of properties sampled in 2008, additional written permission was deemed unnecessary. Therefore, Behan attempted to contact the owners of these properties via telephone to obtain verbal authorization to collect additional floodplain soil samples in 2009. Telephone calls were made to these owners between June 1, 2009 and June 30, 2009. Whenever possible, phone messages were left for those owners who could not be reached in person. In addition, letters requesting access were mailed to owners who were unresponsive to the telephone calls and messages. If contact with the property owner was not successful, the EPA was notified, and at its discretion, attempted to contact the owners to request permission to collect additional samples in

2009. Ultimately, of the 48 properties targeted for additional sampling in 2009, permission to collect soil samples was granted for 46 properties. Access to one property was denied, and GE and EPA agreed to discontinue efforts to obtain access to one other property.

2.1.2 Properties Targeted for Initial Sampling in 2009

On July 9, 2009, Behan mailed letters requesting permission to collect floodplain soil samples to the owners of the 54 properties targeted for initial sampling in 2009, as identified in the FSP Addendum. If a response to the initial mailing was not received within two weeks, follow-up telephone calls were made to each property owner. Whenever possible, phone messages were left for those owners who could not be reached in person. A second letter requesting permission for sampling was mailed to unresponsive property owners on August 6, 2009, requesting a return call by August 14, 2009.

At the conclusion of GE's outreach efforts, EPA was notified of those property owners who could not be contacted or did not respond to GE. At its discretion, EPA attempted to obtain access and sampling permission by contacting certain property owners by telephone and/or by visiting them in person. As a result of GE's and EPA's combined outreach efforts for the 54 properties targeted for initial sampling in 2009, access to collect samples was granted for 35 properties, access was denied for 9 properties, and EPA and GE agreed to discontinue efforts to obtain access to 10 properties.

A summary of the property owner outreach efforts is presented in Table 2-1.

Table 2-1 Summary of 2009 Property Access Outreach Efforts

Property Access Result	Properties Targeted for Additional Sampling in 2009	Properties Targeted for Initial Sampling in 2009	Total
Access Granted	46 (96%)	35 (65%)	81 (79%)
Access Denied	1 (2%)	9 (17%)	10 (10%)
No response/efforts discontinued	1 (2%)	10 (18%)	11 (11%)
Total	48	54	102

In summary, as a result of GE's and EPA's property access outreach efforts, property access was granted by the owners of 81 of the 102 properties targeted for sampling in 2009. Of the remaining 21 properties, the owners of 11 properties were unresponsive

to the outreach efforts and the owners of 10 properties denied access. Consequently, these 21 properties were eliminated from further consideration for sampling in 2009.

2.2 Regulatory Permitting

On GE's behalf, ARCADIS prepared a New York State Canal Corporation (NYSCC) Work Permit Application (Application No. TA-99072) to request temporary access to conduct soil sampling on property owned by NYSCC. The Work Permit Application was submitted to NYSCC on July 8, 2009, and a Work Permit (NYSCC Work Permit No. C2W090075) was issued on July 22, 2009. A copy of the NYSCC Work Permit, including the completed application, is included in Appendix A.

2.3 Field Surveying, Sample Location Inspection and Soil Core Collection Activities

As described in the FSP Addendum, the field surveying, sample location inspections, and soil sample collection activities were completed concurrently during a single site visit to each property. The Phase I field activities were initiated on July 28, 2009 and were completed on August 7, 2009. The Phase II field activities were initiated on September 21, 2009 and were completed on October 2, 2009. Regulatory oversight was provided by EPA for the duration of the field activities; representatives from the New York State Department of Environmental Conservation (NYSDEC) were also present for a portion of the field activities.

Prior to performing any intrusive sampling activities on a given property, Dig Safely New York was contacted to mark the location of any subsurface utilities in the areas targeted for sampling. In addition, as part of the property access outreach efforts described in Section 2.1, GE requested that property owners provide any information pertaining to any known private utilities on their respective properties. The information provided by the utility companies and property owners was considered during the field sampling activities, along with other factors (listed below), in determining the final soil sampling locations on each property.

Following utility clearance, the sample locations presented in the FSP Addendum were staked in the field using survey-grade global positioning system (GPS) equipment. In areas where tree cover or other factors precluded the use of GPS, conventional survey equipment was used to determine the sample locations. Survey flags were placed in the ground at each proposed sample location, and each flag was marked with the designated sample ID for that location. Once the sampling locations were staked in the field by the survey personnel, representatives of GE and EPA reviewed the

sampling locations to determine if adjustments were necessary based on one or more of the following criteria:

- Site topography/targeted sampling elevation
- The representativeness of the proposed sampling locations relative to the 2008 floodplain soil PCB data and the perceived location of human use areas
- The presence of subsurface utilities or other at-grade structures/objects
- Property-specific information provided by the respective property owner/user

Sample locations that were moved, added, or eliminated based on the field inspections were noted, and that information, including new sample location coordinates for moved or added sample locations, was subsequently uploaded into the Hudson River Floodplains Soils Sample Collection Database (field database). Table 2-2 presents a summary of the sampling locations that were added or eliminated as agreed upon by EPA and GE.

Table 2-2 2009 Floodplain Sampling Activities - Number of Sampling Locations Added or Eliminated

River Reach	Sample Locations Proposed	Sample Locations Added	Sample Locations Eliminated[1]	Total Locations Sampled
Phase I Sampling Activities				
8	22	8	0	30
7	27	3	2	28
6	11	2	0	13
5	44	6	4	46
4	2	0	0	2
3	18	0	3	15
2	26	0	3	23
1	22	2	0	24
Total Phase I	172	21	12	181
Phase II Sampling Activities				
8	8	0	0	8
7	3	0	3	0
6	6	0	4	2
5	65	6	31	40
4	6	0	2	4
3	16	0	3	13
2	3	0	0	3
1	12	0	2	10
Total Phase II	119	6	45	80
Total	**291**	**27**	**57**	**261**

Note:
1. Sample locations were eliminated because access to collect samples was not granted by the respective property owner (47 locations), or based on field conditions encountered at the time of the sampling (10 locations).

Once the soil sample locations were agreed upon by EPA and GE, a minimum of three attempts were made to manually collect soil samples at each location using either a stainless steel Macro-Core® soil sampling device or a stainless steel hand auger. The Macro-Core® sampling device consists of an outer steel barrel with an inner acetate liner. The Macro-Core® was manually advanced to a depth of 24 inches below ground

surface (bgs) or until refusal, whichever came first, using a slide hammer. Once the target sampling depth was reached, or if refusal was encountered, the soil cores were extracted and measured (MacroCore® samples only; soil recovery for hand-augered soil cores was considered equivalent to the penetration depth) to determine if sufficient sample recovery was obtained (i.e., a minimum of 75 percent of the penetration depth or as agreed upon with EPA). If sufficient recovery was obtained using the MacroCore®, the core tube was capped, labeled with the designated sample location ID and/or depth interval, and temporarily stored in a cooler (on ice) for subsequent transport to GE's Fort Edward, New York facility for processing by ARCADIS personnel. At sample locations where insufficient soil recovery was obtained using the Macro-Core® due to obstructions (e.g., roots, cobbles and rocks), and in locations not suitable for use of the Macro-Core® (e.g., coarse sand, gravel, etc.), a stainless steel hand auger was used to obtain the soil samples. Soil samples collected using the stainless steel hand auger were segmented in the field, transferred into plastic bags, labeled with the designated sample location ID and/or depth interval, and temporarily stored in a cooler on ice pending transport to the soil core processing area.

Following completion of the sampling activities on each property, the resultant boreholes were backfilled with sand and/or topsoil to match the type of material present and the pre-sampling grade. If any of the sample locations were adjusted from their original proposed locations, the final sample locations were surveyed using either GPS or conventional survey equipment.

Non-disposable sampling equipment was decontaminated between sampling locations using potable water and a non-phosphate detergent. Decontamination water was containerized in 5-gallon buckets for management and disposal by GE.

2.4 Soil Sample Processing

Following collection, the soil cores were transferred to the sample processing area at GE's Fort Edward, New York facility for characterization and sample processing by ARCADIS personnel. For samples collected using a Macro-Core® device, a portion of the liner was removed to allow for visual characterization of the soils. For samples collected using a hand auger, plastic bags containing the respective sample depth intervals were emptied into separate disposable aluminum sampling pans for visual characterization. Observations relative to the soil profile at each sampling location were recorded, and photographs were taken. Soil sample observations including soil type, color, presence/absence of organic matter, and moisture content were recorded in the UHR Floodplains Analytical Database. Soil core descriptions and observations for the 2009 floodplain soil samples are presented in Appendix B.

Following visual characterization of samples collected using the Macro-Core®, the soil cores were segmented into 0- to 6-inch, 6- to 12-inch, and as applicable, 12- to 24-inch sample intervals (or other interval greater than 12 inches based on actual sample recovery) using disposable sampling equipment. Following segregation, the soil from each sample interval was placed in a dedicated aluminum pan regardless of the sample collection method (i.e., Macro-core® or hand auger). Debris and rocks greater than ½ inch in size were removed and the soil sample was blended thoroughly to obtain a homogeneous mixture for each interval. Samples were then containerized in clean, laboratory-supplied glassware. The sample containers were identified using an alphanumeric designation system, as described in the FSP Addendum, to facilitate sample tracking and to differentiate the samples from previous floodplain samples.

The soil samples were packaged and shipped on ice under chain-of-custody to SGS Environmental Services, Inc. (SGS) located in Wilmington, North Carolina for analysis for total PCBs and total organic carbon (TOC), as further described in Section 2.5. SGS is a New York State Department of Health Environmental Laboratory Accreditation Program (ELAP)-certified laboratory (Lab ID 11685).

The field quality assurance/quality control (QA/QC) protocols described in the FSP Addendum were followed during the completion of the 2009 field sampling activities. This included the collection of the appropriate number of QA/QC samples, including field duplicates to assess the reproducibility of the sampling methods, and rinse blanks to verify the effectiveness of decontamination procedures. To ensure that field duplicates were not identifiable by the laboratory, the sample station number was replaced with “FD” indicating that the sample was a field duplicate. Rinse blanks were identified by replacing the sample digit number and depth indicator with “RB” followed by the date, Sample Crew ID, and sample number.

Table 2-3 presents a summary of the proposed versus actual number of sample locations and soil samples collected (by depth interval) for each river reach.

Table 2-3 2009 Floodplain Sampling Activities – Number of Sample Locations and Samples by Depth Interval by River Reach[1]

River Reach	Proposed Sample Locations	Proposed Soil Samples			Actual Sample Locations[2]	Actual Soil Samples		
		0 – 6"	6 – 12"	12 – 24"		0 – 6"	6 – 12"	12 – 24"
Phase I Sampling Activities								
8	22	22	22	22	30	30	30	30
7	27	27	27	27	28	28	28	27
6	11	11	11	11	13	13	13	13
5	44	44	44	44	46	46	46	46
4	2	2	2	2	2	2	2	1
3	18	18	18	18	15	15	15	14
2	26	26	26	26	23	23	23	22
1	22	22	22	22	24	24	24	23
Total Phase I	172	172	172	172	181	181	181	168
Phase II Sampling Activities								
8	8	8	8	4	8	8	8	4
7	3	3	3	2	0	0	0	0
6	6	6	6	3	2	2	2	1
5	65	65	65	33	40	40	39	21
4	6	6	6	3	4	4	4	2
3	16	16	16	8	13	13	13	7
2	3	3	3	2	3	3	3	2
1	12	12	12	6	10	10	10	5
Total Phase II	119	119	119	61	80	80	79	42
Grand Total (2)	291	291	291	233	**Grand Total (2)**	261	260	218
		815				739		

Notes:

1. The summary statistics presented in Table 2-3 are for the 2009 GE sampling efforts only (i.e., statistics do not include samples collected by EPA). The total number of soil samples does not include QA/QC samples.
2. The difference between the total number of samples collected and the total number of samples proposed in the FSP Addendum is attributed to samples being eliminated as a result of not obtaining property access, as described in Section 2.1, and locations eliminated in the field based on site conditions observed at the time of the sample collection (see Table 2-2 for a summary of the number of sample locations eliminated by River reach).

Table 2-4 presents a summary of the total number of soil samples and quality control samples collected by GE in Reaches 8 through 1 in 2009.

Table 2-4 Summary of 2009 Floodplain Soil and QA/QC Samples

River Reach	Soil Samples	Duplicate Soil Samples	Rinse Blank	Total Samples
8	110	7	3	120
7	83	3	1	87
6	44	4	0	48
5	238	16	5	259
4	15	1	0	16
3	77	4	1	82
2	76	7	4	87
1	96	6	2	104
Total	739	48	16	803

Excess soil, used acetate liners, used plastic bags, disposable sampling equipment, personnel protective equipment, and decontamination wastes generated during the field sampling activities were containerized in 55-gallon drums for subsequent management and disposal by GE.

2.5 Laboratory Analyses and Results

In accordance with the FSP Addendum, the 2009 floodplain soil samples were analyzed for total PCBs and TOC in accordance with EPA Method SW846 8082 and the Lloyd Kahn Method, respectively. The PCB and TOC data for the 2009 GE floodplain soil sampling activities are provided in Table 2-5. Figures 2-1 through 2-14 present the sampling locations and ranges of PCB concentrations for the floodplain soil samples collected by GE and EPA (refer to Section 2.6) in 2009, as well as data previously collected by GE, EPA, NYSDEC, and NOAA from 2000 to 2008.

As further discussed in Section 3, all 2009 GE PCB and TOC data were electronically verified, and approximately 10 percent of the data underwent full validation to ascertain the overall data quality and usability. The laboratory data sheets (Form 1 sheets) for the PCB and TOC analyses are included in the Data Usability Summary Reports (DUSRs) that have been prepared for each sample delivery group (SDG).

2.6 2009 EPA Floodplain Soil Sampling Activities

In addition to the 2009 field sampling activities completed by GE, and as described in the Sampling Trip Report – Hudson River PCBs (Floodplains) Site (Weston Solutions, Inc. [Weston] 2010), Weston, on behalf of the EPA, collected soil samples in two phases at select UHR areas from August 11, 2009 to August 14, 2009 (EPA Phase I) and from October 20, 2009 to October 22, 2009 (EPA Phase II). The 2009 EPA PCB data are presented in Table 2-6, and the EPA sample locations and ranges of PCB concentrations are presented on Figures 2-1 through 2-14.

3. Data Verification and Validation

Following receipt of the analytical data from the laboratory, the PCB and TOC data underwent electronic data verification and data validation as described in the following subsections.

3.1 Electronic Data Verification

Following receipt of the electronic data deliverables (EDDs) from the laboratory, electronic data verification was conducted to assess and evaluate batch quality control results presented in the EDDs. The term "verification" is used to designate the criteria-based checking of the laboratory-reported QC results against the limits defined in the FSP Addendum to qualify the data. The specific measures evaluated during verification and the associated criteria included:

- Holding times
- Accuracy (by evaluating laboratory control sample [LCS] recovery, and matrix spike/matrix spike duplicate [MS/MSD] recoveries)
- Precision (by evaluating laboratory duplicate results)
- Field duplicate sample precision
- Blank contamination (by evaluating laboratory method blanks and field-generated rinse blanks)
- Surrogate compound recoveries
- Percent solids for solid matrices

Automated verification summary logs were generated by Anchor QEA for each SDG submitted by the laboratory in association with the 2009 floodplain sampling activities. A review of each of the verification summary logs was conducted by ARCADIS data validators to confirm any qualifiers added to the associated data by the electronic database tool. In addition, data package completeness, the chains-of-custody (COCs) and annotated sample result sheets were also evaluated during this review. The results of the review of the data summary logs are documented within the Data Verification Summary Reports (DVSRs) that are presented in Appendix C. Only instances where the verification tool incorrectly qualified a deviation or did not address

a quality control deviation during the automated process have been identified and documented within the DVSRs.

3.2 Data Validation

Consistent with the FSP Addendum, approximately 10 percent of the 2009 PCB and TOC data underwent full data validation to evaluate data quality and usability. Specifically, of the 47 SDGs received from the laboratory, 6 SDGs were selected at random for validation. Data validation was conducted in accordance with EPA's National Functional Guidance for Data Validation (EPA, 1999) and EPA Region II guidelines for Organic Data Validation, Standard Operating Procedure (SOP) HW-45 Revision 1, October 2006.

The results of the data validation process and overall data usability of the data are presented below. DVSRs and DUSRs associated with the PCB and TOC data are included in Appendices C and D, respectively. Any data qualifiers required based on the data validation process have been included in each individual DUSR.

The QA/QC parameters reviewed during the data validation process included:

- Holding times
- Blank contamination
- Instrument calibration
- Surrogate recovery
- MS/MSD duplicate and laboratory duplicate analysis
- Laboratory control sample analysis
- Field duplicates analysis
- Compound identification

The overall precision, accuracy, representativeness, comparability and completeness parameters determined from the PCB and TOC data reviews were used as indicators of overall data quality. Data completeness as it relates to usability was calculated separately for the PCB and TOC analyses. The percent usability calculation also

includes quality control samples (i.e., field duplicate and equipment blank data) collected to aid in the evaluation of data usability. Table 3-1 presents a summary of the data usability.

Table 3-1 Data Usability Summary

Parameter	Percent Usability
Total PCBs	100%
TOC	100%
All Analytes	100%

4. References

EPA, 2008. Upper Hudson River Floodplains Administrative Settlement Agreement and Order on Consent. USEPA Region 2, CERCLA Docket No. 02-2008-2019 (September 8, 2008).

Anchor QEA, Inc., ARCADIS of New York, Inc. July 2009. Upper Hudson River Floodplains Field Sampling Plan Addendum. Prepared for General Electric Company, Albany, New York (July 7, 2009).

Weston Solutions, Inc., 2010. Sampling Trip Report – Hudson River PCBs (Floodplains) Site. January 8, 2010.

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Tables

Table 2-5
Summary of 2009 GE Floodplain Soil PCB and TOC Data

Final Data Summary Report - 2009 Floodplain Sampling Activities
Upper Hudson River Floodplains

General Electric Company - Albany, New York

Sample ID	Sampling Date	Start Depth (in)	End Depth (in)	TPCB (mg/kg)	TOC (%)
ARC-NE-000006	8/24/2009	0	6	0.02	2.04
ARC-NE-006012	8/24/2009	6	12	ND(0.01)	0.74
ARC-NE-012019	8/24/2009	12	19	ND(0.01)	0.69
ARC-NW-000006	8/24/2009	0	6	ND(0.01)	3.88
ARC-NW-006012	8/24/2009	6	12	ND(0.01)	0.14
ARC-NW-012024	8/24/2009	12	24	ND(0.01)	0.85
ARC-SE-000006	8/24/2009	0	6	0.05	1.55
ARC-SE-006012	8/24/2009	6	12	0.06	0.91
ARC-SE-012021	8/24/2009	12	21	ND(0.01)	0.37
ARC-SW-000006	8/24/2009	0	6	ND(0.01)	1.77
ARC-SW-006012	8/24/2009	6	12	0.13	0.87
ARC-SW-012018	8/24/2009	12	18	0.05	1.63
GE09-R1-E-5758-05-01-000006	8/7/2009	0	6	1.00	1.74
GE09-R1-E-5758-05-01-006012	8/7/2009	6	12	1.67	1.04
GE09-R1-E-5758-05-01-012018	8/7/2009	12	18	0.01	0.26
GE09-R1-E-5758-05-02-000006	8/7/2009	0	6	3.46	2.14
GE09-R1-E-5758-05-02-006012	8/7/2009	6	12	10.54	2.17
GE09-R1-E-5758-05-02-012020	8/7/2009	12	20	0.14	1.31
GE09-R1-E-5758-05-03-000006	8/7/2009	0	6	0.52	2.14
GE09-R1-E-5758-05-03-006012	8/7/2009	6	12	0.09	0.34
GE09-R1-E-5758-05-03-012018	8/7/2009	12	18	0.78	0.74
GE09-R1-E-5758-06-01-000006	9/25/2009	0	6	0.09	7.38
GE09-R1-E-5758-06-01-006012	9/25/2009	6	12	0.35	3.44
GE09-R1-E-5758-06-01-012019	9/25/2009	12	19	0.08	1.38
GE09-R1-E-5758-06-02-000006	9/25/2009	0	6	ND(0.01)	2.11
GE09-R1-E-5758-06-02-006012	9/25/2009	6	12	ND(0.01)	1.61
GE09-R1-E-5758-07-01-000006	8/7/2009	0	6	0.38	1.87
GE09-R1-E-5758-07-01-006012	8/7/2009	6	12	2.03	2.06
GE09-R1-E-5758-07-01-012023	8/7/2009	12	23	1.26 [1.11]	1.38 [1.41]
GE09-R1-E-5758-07-02-000006	8/7/2009	0	6	0.03	1.80
GE09-R1-E-5758-07-02-006012	8/7/2009	6	12	ND(0.01)	0.82
GE09-R1-E-5758-07-02-012020	8/7/2009	12	20	ND(0.01)	0.56
GE09-R1-E-5758-07-03-000006	8/7/2009	0	6	0.13	2.69
GE09-R1-E-5758-07-03-006012	8/7/2009	6	12	0.33	1.41
GE09-R1-E-5758-07-03-012018	8/7/2009	12	18	0.21	2.87
GE09-R1-I-5859-01-01-000006	8/7/2009	0	6	0.35	2.56
GE09-R1-I-5859-01-01-006012	8/7/2009	6	12	3.23	2.06
GE09-R1-I-5859-01-01-012023	8/7/2009	12	23	14.60	2.35
GE09-R1-I-5859-01-02-000006	8/7/2009	0	6	0.67	2.07
GE09-R1-I-5859-01-02-006012	8/7/2009	6	12	5.96	2.20
GE09-R1-I-5859-01-02-012020	8/7/2009	12	20	0.83 [0.47]	0.97 [0.68]
GE09-R1-I-5859-01-03-000006	8/7/2009	0	6	0.57	3.11
GE09-R1-I-5859-01-03-006012	8/7/2009	6	12	0.25	1.21

Table 2-5
Summary of 2009 GE Floodplain Soil PCB and TOC Data

Final Data Summary Report - 2009 Floodplain Sampling Activities
Upper Hudson River Floodplains

General Electric Company - Albany, New York

Sample ID	Sampling Date	Start Depth (in)	End Depth (in)	TPCB (mg/kg)	TOC (%)
GE09-R1-I-5859-01-03-012018	8/7/2009	12	18	ND(0.01)	0.29
GE09-R1-I-5859-01-04-000006	8/7/2009	0	6	0.66	2.25
GE09-R1-I-5859-01-04-006012	8/7/2009	6	12	6.85	1.89
GE09-R1-I-5859-01-04-012020	8/7/2009	12	20	13.47	2.54
GE09-R1-W-5758-01-01-000006	9/25/2009	0	6	0.42	0.85
GE09-R1-W-5758-01-01-006012	9/25/2009	6	12	0.06	2.20
GE09-R1-W-5758-01-01-012018	9/25/2009	12	18	ND(0.01)	0.18
GE09-R1-W-5758-01-02-000006	9/25/2009	0	6	0.33	3.20
GE09-R1-W-5758-01-02-006012	9/25/2009	6	12	0.40	2.24
GE09-R1-W-5758-01-02-012024	9/25/2009	12	24	1.04	2.20
GE09-R1-W-5758-01-03-000006	9/25/2009	0	6	0.36	2.10
GE09-R1-W-5758-01-03-006012	9/25/2009	6	12	0.16	0.96
GE09-R1-W-5758-01-03-012023	9/25/2009	12	23	ND(0.01)	0.31
GE09-R1-W-5758-02-01-000006	9/25/2009	0	6	1.00	2.63
GE09-R1-W-5758-02-01-006012	9/25/2009	6	12	1.97	1.83
GE09-R1-W-5758-02-01-012021	9/25/2009	12	21	0.20 [0.19]	1.63 [1.88]
GE09-R1-W-5758-02-02-000006	9/25/2009	0	6	1.32	2.83
GE09-R1-W-5758-02-02-006012	9/25/2009	6	12	2.62	2.59
GE09-R1-W-5758-02-02-012020	9/25/2009	12	20	0.21	0.93
GE09-R1-W-5758-02-03-000006	9/25/2009	0	6	0.44	2.83
GE09-R1-W-5758-02-03-006012	9/25/2009	6	12	0.70	2.00
GE09-R1-W-5758-02-03-012022	9/25/2009	12	22	0.04	0.77
GE09-R1-W-5758-03-01-000006	9/25/2009	0	6	0.04	3.05
GE09-R1-W-5758-03-01-006012	9/25/2009	6	12	ND(0.01)	1.35
GE09-R1-W-5758-03-02-000006	9/25/2009	0	6	ND(0.01)	2.72
GE09-R1-W-5758-03-02-006012	9/25/2009	6	12	ND(0.01)	1.83
GE09-R1-W-5758-03-02-012022	9/25/2009	12	22	ND(0.01)	1.05
GE09-R1-W-5758-04-01-000006	9/25/2009	0	6	0.37	2.53
GE09-R1-W-5758-04-01-006012	9/25/2009	6	12	0.25	2.47
GE09-R1-W-5758-04-01-012024	9/25/2009	12	24	0.14	1.97
GE09-R1-W-5758-04-02-000006	9/25/2009	0	6	0.56	3.41
GE09-R1-W-5758-04-02-006012	9/25/2009	6	12	16.78	3.78
GE09-R1-W-5758-04-02-012023	9/25/2009	12	23	2.52	2.33
GE09-R1-W-5758-04-03-000006	9/25/2009	0	6	1.41	2.35
GE09-R1-W-5758-04-03-006012	9/25/2009	6	12	2.20	2.51
GE09-R1-W-5758-04-03-012024	9/25/2009	12	24	0.02	0.63
GE09-R1-W-5758-04-04-000006	9/25/2009	0	6	0.26	7.09
GE09-R1-W-5758-04-04-006012	9/25/2009	6	12	0.18	1.37
GE09-R1-W-5758-04-04-012023	9/25/2009	12	23	ND(0.01)	1.31
GE09-R1-W-5758-09-01-000006	8/7/2009	0	6	1.00	2.13
GE09-R1-W-5758-09-01-006012	8/7/2009	6	12	16.56	2.34
GE09-R1-W-5758-09-01-012016	8/7/2009	12	16	6.32	1.31
GE09-R1-W-5758-09-02-000006	8/7/2009	0	6	0.21	8.43
GE09-R1-W-5758-09-02-006012	8/7/2009	6	12	0.38	3.65

Table 2-5
Summary of 2009 GE Floodplain Soil PCB and TOC Data

Final Data Summary Report - 2009 Floodplain Sampling Activities
Upper Hudson River Floodplains

General Electric Company - Albany, New York

Sample ID	Sampling Date	Start Depth (in)	End Depth (in)	TPCB (mg/kg)	TOC (%)
GE09-R1-W-5758-09-02-012021	8/7/2009	12	21	0.78	1.32
GE09-R1-W-5758-09-03-000006	8/7/2009	0	6	0.08	4.16
GE09-R1-W-5758-09-03-006012	8/7/2009	6	12	ND(0.01)	3.58
GE09-R1-W-5758-09-03-012020	8/7/2009	12	20	ND(0.01) [ND(0.01)]	0.74 [0.84]
GE09-R1-W-5758-09-04-000006	8/7/2009	0	6	ND(0.01)	0.57
GE09-R1-W-5758-09-04-006010	8/7/2009	6	10	ND(0.01)	0.56
GE09-R1-W-5758-10-01-000006	9/25/2009	0	6	ND(0.01)	0.46
GE09-R1-W-5758-10-01-006009	9/25/2009	6	9	ND(0.01)	0.32
GE09-R1-W-5758-10-02-000006	9/25/2009	0	6	0.05	1.96
GE09-R1-W-5758-10-02-006012	9/25/2009	6	12	0.07	1.34
GE09-R1-W-5758-10-02-012024	9/25/2009	12	24	ND(0.01)	0.99
GE09-R1-W-5758-11-01-000006	9/25/2009	0	6	0.02	0.43
GE09-R1-W-5758-11-01-006012	9/25/2009	6	12	ND(0.01) [ND(0.01)]	0.62 [0.33]
GE09-R1-W-5758-11-02-000006	9/25/2009	0	6	0.07	2.50
GE09-R1-W-5758-11-02-006012	9/25/2009	6	12	0.02	1.61
GE09-R1-W-5758-11-02-012024	9/25/2009	12	24	ND(0.01)	1.20
GE09-R1-W-5758-12-01-000006	9/25/2009	0	6	0.10	1.32
GE09-R1-W-5758-12-01-006012	9/25/2009	6	12	0.03	0.87
GE09-R1-W-5758-12-02-000006	9/25/2009	0	6	0.08	2.69
GE09-R1-W-5758-12-02-006012	9/25/2009	6	12	0.03	1.08
GE09-R1-W-5758-12-02-012024	9/25/2009	12	24	0.05 [0.02]	1.45 [4.72]
GE09-R2-W-5960-01-01-000006	8/11/2009	0	6	0.26	3.01
GE09-R2-W-5960-01-01-006012	8/11/2009	6	12	0.20	3.70
GE09-R2-W-5960-01-02-000006	8/11/2009	0	6	ND(0.01) [ND(0.01)]	1.20 [1.59]
GE09-R2-W-5960-01-02-006012	8/11/2009	6	12	ND(0.01)	0.49
GE09-R2-W-5960-01-02-012018	8/11/2009	12	18	ND(0.01)	0.31
GE09-R2-W-6162-01-01-000006	8/7/2009	0	6	0.30	1.14
GE09-R2-W-6162-01-01-006012	8/7/2009	6	12	1.50	1.49
GE09-R2-W-6162-01-01-012018	8/7/2009	12	18	ND(0.01)	3.05
GE09-R2-W-6162-01-02-000006	8/7/2009	0	6	ND(0.01)	1.16
GE09-R2-W-6162-01-02-006012	8/7/2009	6	12	ND(0.01)	0.40
GE09-R2-W-6162-01-02-012020	8/7/2009	12	20	ND(0.01)	0.40
GE09-R2-W-6162-01-03-000006	8/7/2009	0	6	ND(0.01)	1.64
GE09-R2-W-6162-01-03-006012	8/7/2009	6	12	ND(0.01)	0.84
GE09-R2-W-6162-01-03-012018	8/7/2009	12	18	ND(0.01)	1.40
GE09-R2-W-6162-01-04-000006	8/7/2009	0	6	ND(0.01)	0.95
GE09-R2-W-6162-01-04-006012	8/7/2009	6	12	ND(0.01)	0.44
GE09-R2-W-6162-01-04-012019	8/7/2009	12	19	0.02	0.51
GE09-R2-W-6162-02-01-000006	8/7/2009	0	6	5.41	1.93
GE09-R2-W-6162-02-01-006012	8/7/2009	6	12	30.39	4.83
GE09-R2-W-6162-02-01-012023	8/7/2009	12	23	1.06	3.89
GE09-R2-W-6162-02-02-000006	8/7/2009	0	6	ND(0.01)	1.03

Table 2-5
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Upper Hudson River Floodplains

General Electric Company - Albany, New York

Sample ID	Sampling Date	Start Depth (in)	End Depth (in)	TPCB (mg/kg)	TOC (%)
GE09-R2-W-6162-02-02-006012	8/7/2009	6	12	0.03	0.80
GE09-R2-W-6162-02-02-012021	8/7/2009	12	21	0.83	0.78
GE09-R2-W-6162-02-03-000006	8/7/2009	0	6	3.50	2.64
GE09-R2-W-6162-02-03-006012	8/7/2009	6	12	24.15	3.23
GE09-R2-W-6162-02-03-012018	8/7/2009	12	18	4.52 [15.85]	4.72 [5.44]
GE09-R2-W-6162-02-04-000006	8/7/2009	0	6	2.46	7.59
GE09-R2-W-6162-02-04-006012	8/7/2009	6	12	2.00	1.69
GE09-R2-W-6162-02-04-012018	8/7/2009	12	18	ND(0.01)	1.07
GE09-R2-W-6162-02-05-000006	8/10/2009	0	6	ND(0.01)	1.53
GE09-R2-W-6162-02-05-006012	8/10/2009	6	12	1.58 [1.22]	2.59 [2.04]
GE09-R2-W-6162-02-05-012020	8/10/2009	12	20	1.74	2.00
GE09-R2-W-6162-03-01-000006	8/10/2009	0	6	0.03	2.67
GE09-R2-W-6162-03-01-006012	8/10/2009	6	12	0.02	1.04
GE09-R2-W-6162-03-01-012020	8/10/2009	12	20	ND(0.01)	0.78
GE09-R2-W-6162-03-02-000006	8/10/2009	0	6	0.81	2.14
GE09-R2-W-6162-03-02-006012	8/10/2009	6	12	0.30	0.58
GE09-R2-W-6162-03-02-012024	8/10/2009	12	24	ND(0.01)	0.10
GE09-R2-W-6162-03-03-000006	8/10/2009	0	6	ND(0.01)	1.75
GE09-R2-W-6162-03-03-006012	8/10/2009	6	12	ND(0.01)	0.98
GE09-R2-W-6162-03-03-012023	8/10/2009	12	23	ND(0.01)	0.34
GE09-R2-W-6162-04-01-000006	10/2/2009	0	6	0.09	1.87
GE09-R2-W-6162-04-01-006012	10/2/2009	6	12	0.67	1.34
GE09-R2-W-6162-04-01-012018	10/2/2009	12	18	0.03 [0.02]	0.77 [0.89]
GE09-R2-W-6263-01-01-000006	8/10/2009	0	6	0.37	1.66
GE09-R2-W-6263-01-01-006012	8/10/2009	6	12	0.39	1.13
GE09-R2-W-6263-01-01-012018	8/10/2009	12	18	0.23	0.96
GE09-R2-W-6263-01-02-000006	8/10/2009	0	6	2.53 [2.18]	10.20 [5.37]
GE09-R2-W-6263-01-02-006012	8/10/2009	6	12	19.74	3.85
GE09-R2-W-6263-01-02-012019	8/10/2009	12	19	3.46	2.99
GE09-R2-W-6263-01-03-000006	8/10/2009	0	6	3.65	2.17
GE09-R2-W-6263-01-03-006012	8/10/2009	6	12	1.49	1.92
GE09-R2-W-6263-01-03-012023	8/10/2009	12	23	0.02	0.93
GE09-R2-W-6263-01-04-000006	8/10/2009	0	6	ND(0.01)	1.19
GE09-R2-W-6263-01-04-006012	8/10/2009	6	12	ND(0.01)	1.01
GE09-R2-W-6263-01-04-012022	8/10/2009	12	22	1.09	3.52
GE09-R2-W-6263-01-05-000006	8/10/2009	0	6	ND(0.01)	0.89
GE09-R2-W-6263-01-05-006012	8/10/2009	6	12	2.08	1.80
GE09-R2-W-6263-01-05-012020	8/10/2009	12	20	30.41	2.85
GE09-R2-W-6263-02-01-000006	9/24/2009	0	6	1.94	2.19
GE09-R2-W-6263-02-01-006012	9/24/2009	6	12	0.35	1.17
GE09-R2-W-6263-02-01-012020	9/24/2009	12	20	0.02	0.50
GE09-R2-W-6263-02-02-000006	9/24/2009	0	6	ND(0.01)	1.87

Table 2-5
Summary of 2009 GE Floodplain Soil PCB and TOC Data

Final Data Summary Report - 2009 Floodplain Sampling Activities
Upper Hudson River Floodplains

General Electric Company - Albany, New York

Sample ID	Sampling Date	Start Depth (in)	End Depth (in)	TPCB (mg/kg)	TOC (%)
GE09-R2-W-6263-02-02-006012	9/24/2009	6	12	ND(0.01)	1.00
GE09-R2-W-6263-02-02-012023	9/24/2009	12	23	ND(0.01) [ND(0.01)]	1.61 [1.40]
GE09-R2-W-6263-02-03-000006	9/24/2009	0	6	ND(0.01)	1.85
GE09-R2-W-6263-02-03-006012	9/24/2009	6	12	ND(0.01)	0.74
GE09-R2-W-6263-04-01-000006	8/6/2009	0	6	0.02	0.87
GE09-R2-W-6263-04-01-006012	8/6/2009	6	12	ND(0.01)	0.83
GE09-R2-W-6263-04-01-012024	8/6/2009	12	24	ND(0.01) [ND(0.01)]	1.38 [1.02]
GE09-R2-W-6263-04-02-000006	8/6/2009	0	6	4.96	2.20
GE09-R2-W-6263-04-02-006012	8/6/2009	6	12	2.62	1.08
GE09-R2-W-6263-04-02-012024	8/6/2009	12	24	0.02	1.23
GE09-R2-W-6263-04-03-000006	8/6/2009	0	6	0.25	2.52
GE09-R2-W-6263-04-03-006012	8/6/2009	6	12	0.20	2.93
GE09-R2-W-6263-04-03-012024	8/6/2009	12	24	0.15	2.22
GE09-R3-E-6566-06-01-000006	8/6/2009	0	6	0.04	1.13
GE09-R3-E-6566-06-01-006012	8/6/2009	6	12	0.11	0.90
GE09-R3-E-6566-06-01-012022	8/6/2009	12	22	0.92	1.30
GE09-R3-E-6566-06-02-000006	8/6/2009	0	6	ND(0.01)	1.46
GE09-R3-E-6566-06-02-006012	8/6/2009	6	12	0.20	0.47
GE09-R3-E-6566-06-02-012017	8/6/2009	12	17	ND(0.01)	0.57
GE09-R3-E-6566-06-03-000006	8/6/2009	0	6	0.33	1.40
GE09-R3-E-6566-06-03-006012	8/6/2009	6	12	5.65	1.43
GE09-R3-E-6566-06-03-012022	8/6/2009	12	22	2.09	1.05
GE09-R3-E-6566-07-01-000006	8/6/2009	0	6	2.95 [2.79]	3.77 [2.87]
GE09-R3-E-6566-07-01-006012	8/6/2009	6	12	0.45	3.13
GE09-R3-E-6566-07-01-012024	8/6/2009	12	24	0.08	1.84
GE09-R3-I-6465-04-01-000006	10/2/2009	0	6	0.17	2.76
GE09-R3-I-6465-04-01-006012	10/2/2009	6	12	0.41	2.04
GE09-R3-I-6465-04-02-000006	10/2/2009	0	6	0.67	2.48
GE09-R3-I-6465-04-02-006012	10/2/2009	6	12	0.30	2.85
GE09-R3-I-6465-04-02-012022	10/2/2009	12	22	0.55	0.99
GE09-R3-I-6465-04-03-000006	10/2/2009	0	6	0.21	1.63
GE09-R3-I-6465-04-03-006012	10/2/2009	6	12	0.14	0.76
GE09-R3-I-6465-04-03-012019	10/2/2009	12	19	0.31	2.44
GE09-R3-I-6465-07-01-000006	8/6/2009	0	6	2.51	1.15
GE09-R3-I-6465-07-01-006012	8/6/2009	6	12	54.00	4.28
GE09-R3-I-6465-07-01-012018	8/6/2009	12	18	10.30	1.87
GE09-R3-I-6465-07-02-000006	8/6/2009	0	6	0.16	1.58
GE09-R3-I-6465-07-02-006012	8/6/2009	6	12	0.24	0.72
GE09-R3-I-6465-07-02-012024	8/6/2009	12	24	4.93	4.29
GE09-R3-W-6465-01-01-000006	8/6/2009	0	6	1.07	4.94
GE09-R3-W-6465-01-01-006012	8/6/2009	6	12	6.84	4.38
GE09-R3-W-6465-01-01-012018	8/6/2009	12	18	4.26 [2.75]	1.61 [4.03]

Table 2-5
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Final Data Summary Report - 2009 Floodplain Sampling Activities
Upper Hudson River Floodplains

General Electric Company - Albany, New York

Sample ID	Sampling Date	Start Depth (in)	End Depth (in)	TPCB (mg/kg)	TOC (%)
GE09-R3-W-6465-01-02-000006	8/6/2009	0	6	0.15	3.30
GE09-R3-W-6465-01-02-006012	8/6/2009	6	12	2.08	6.84
GE09-R3-W-6465-01-02-012018	8/6/2009	12	18	14.21	8.81
GE09-R3-W-6465-02-01-000006	9/24/2009	0	6	0.67	3.47
GE09-R3-W-6465-02-01-006012	9/24/2009	6	12	3.89	3.36
GE09-R3-W-6465-02-01-012022	9/24/2009	12	22	40.40	3.75
GE09-R3-W-6465-02-02-000006	9/24/2009	0	6	0.01	1.94
GE09-R3-W-6465-02-02-006012	9/24/2009	6	12	ND(0.01)	0.84
GE09-R3-W-6465-03-01-000006	9/24/2009	0	6	0.24	1.44
GE09-R3-W-6465-03-01-006012	9/24/2009	6	12	0.84	1.84
GE09-R3-W-6465-03-01-012018	9/24/2009	12	18	19.73	2.72
GE09-R3-W-6465-03-02-000006	9/24/2009	0	6	ND(0.04)	4.49
GE09-R3-W-6465-03-02-006012	9/24/2009	6	12	ND(0.01)	0.74
GE09-R3-W-6465-05-01-000006	8/6/2009	0	6	0.24	3.43
GE09-R3-W-6465-05-01-006012	8/6/2009	6	12	2.50	3.40
GE09-R3-W-6465-05-01-012019	8/6/2009	12	19	9.36	4.40
GE09-R3-W-6465-05-02-000006	8/6/2009	0	6	0.15	3.42
GE09-R3-W-6465-05-02-006011	8/6/2009	6	11	9.94	6.37
GE09-R3-W-6566-01-01-000006	8/5/2009	0	6	1.64	3.82
GE09-R3-W-6566-01-01-006012	8/5/2009	6	12	12.97	3.41
GE09-R3-W-6566-01-01-012019	8/5/2009	12	19	ND(0.02)	3.37
GE09-R3-W-6566-01-02-000006	8/5/2009	0	6	7.46	3.20
GE09-R3-W-6566-01-02-006012	8/5/2009	6	12	34.11	3.94
GE09-R3-W-6566-01-02-012020	8/5/2009	12	20	9.99	5.76
GE09-R3-W-6566-01-03-000006	8/5/2009	0	6	ND(0.01)	4.13
GE09-R3-W-6566-01-03-006012	8/5/2009	6	12	0.03	4.23
GE09-R3-W-6566-01-03-012022	8/5/2009	12	22	1.22 [1.71]	3.09 [2.35]
GE09-R3-W-6566-02-01-000006	9/24/2009	0	6	4.96 [5.20]	2.20 [2.67]
GE09-R3-W-6566-02-01-006012	9/24/2009	6	12	ND(0.08)	5.65
GE09-R3-W-6566-02-02-000006	9/24/2009	0	6	5.84	4.53
GE09-R3-W-6566-02-02-006012	9/24/2009	6	12	28.05	4.75
GE09-R3-W-6566-02-02-012024	9/24/2009	12	24	ND(0.07)	4.62
GE09-R3-W-6566-03-01-000006	9/24/2009	0	6	19.75	4.81
GE09-R3-W-6566-03-01-006012	9/24/2009	6	12	1.19	5.37
GE09-R3-W-6566-03-01-012018	9/24/2009	12	18	ND(0.02)	5.24
GE09-R3-W-6566-03-02-000006	9/24/2009	0	6	1.33	6.81
GE09-R3-W-6566-03-02-006012	9/24/2009	6	12	1.31	3.74
GE09-R3-W-6566-04-01-000006	9/24/2009	0	6	0.38	3.52
GE09-R3-W-6566-04-01-006012	9/24/2009	6	12	0.42	5.05
GE09-R3-W-6566-04-02-000006	9/24/2009	0	6	1.10	4.32
GE09-R3-W-6566-04-02-006012	9/24/2009	6	12	ND(0.01)	3.39
GE09-R3-W-6566-04-02-012019	9/24/2009	12	19	ND(0.01)	1.51
GE09-R3-W-6566-05-01-000006	8/6/2009	0	6	4.62	4.00

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Final Data Summary Report - 2009 Floodplain Sampling Activities
Upper Hudson River Floodplains

General Electric Company - Albany, New York

Sample ID	Sampling Date	Start Depth (in)	End Depth (in)	TPCB (mg/kg)	TOC (%)
GE09-R3-W-6566-05-01-006012	8/6/2009	6	12	4.89	2.73
GE09-R3-W-6566-05-01-012024	8/6/2009	12	24	ND(0.03)	5.68
GE09-R3-W-6566-05-02-000006	8/6/2009	0	6	0.40	4.18
GE09-R3-W-6566-05-02-006012	8/6/2009	6	12	0.02	0.79
GE09-R3-W-6566-05-02-012016	8/6/2009	12	16	ND(0.02)	2.14
GE09-R4-W-6768-01-01-000006	9/23/2009	0	6	0.24 [0.11]	5.00 [6.12]
GE09-R4-W-6768-01-01-006012	9/23/2009	6	12	0.45	4.74
GE09-R4-W-6768-01-02-000006	9/23/2009	0	6	0.06	2.73
GE09-R4-W-6768-01-02-006012	9/23/2009	6	12	ND(0.01)	3.47
GE09-R4-W-6768-01-02-012021	9/23/2009	12	21	0.05	3.13
GE09-R4-W-6768-03-01-000006	8/5/2009	0	6	1.25	3.17
GE09-R4-W-6768-03-01-006012	8/5/2009	6	12	0.47	3.01
GE09-R4-W-6768-03-01-012019	8/5/2009	12	19	ND(0.01)	1.41
GE09-R4-W-6768-03-02-000006	8/5/2009	0	6	0.99	2.88
GE09-R4-W-6768-03-02-006008	8/5/2009	6	8	0.05	0.61
GE09-R4-W-6768-04-01-000006	9/23/2009	0	6	0.27	3.98
GE09-R4-W-6768-04-01-006012	9/23/2009	6	12	0.33	2.96
GE09-R4-W-6768-04-02-000006	9/23/2009	0	6	ND(0.01)	4.52
GE09-R4-W-6768-04-02-006012	9/23/2009	6	12	ND(0.01)	2.78
GE09-R4-W-6768-04-02-012019	9/23/2009	12	19	ND(0.01)	1.43
GE09-R5-E-6970-02-01-000006	10/2/2009	0	6	0.78	0.15
GE09-R5-E-6970-02-01-006012	10/2/2009	6	12	0.03	0.24
GE09-R5-E-6970-02-02-000006	10/2/2009	0	6	0.55	1.57
GE09-R5-E-6970-02-02-006012	10/2/2009	6	12	0.13	0.27
GE09-R5-E-6970-02-02-012021	10/2/2009	12	21	ND(0.01) [ND(0.01)]	0.14 [0.12]
GE09-R5-E-7071-02-01-000006	8/4/2009	0	6	0.05	1.52
GE09-R5-E-7071-02-01-006012	8/4/2009	6	12	0.36	0.86
GE09-R5-E-7071-02-01-012020	8/4/2009	12	20	ND(0.01) [0.02]	0.56 [0.57]
GE09-R5-E-7071-02-02-000006	8/4/2009	0	6	1.01	1.74
GE09-R5-E-7071-02-02-006012	8/4/2009	6	12	0.35	0.48
GE09-R5-E-7071-02-02-012023	8/4/2009	12	23	ND(0.01) [ND(0.01)]	0.49 [0.29]
GE09-R5-E-7071-02-03-000006	8/4/2009	0	6	0.60	1.30
GE09-R5-E-7071-02-03-006012	8/4/2009	6	12	ND(0.01)	0.30
GE09-R5-E-7071-02-03-012019	8/4/2009	12	19	ND(0.01) [ND(0.01)]	0.13 [0.13]
GE09-R5-E-7576-03-01-000006	8/3/2009	0	6	2.95	4.15
GE09-R5-E-7576-03-01-006012	8/3/2009	6	12	3.62	2.81
GE09-R5-E-7576-03-01-012020	8/3/2009	12	20	0.01	1.27
GE09-R5-E-7576-03-02-000006	8/3/2009	0	6	3.77	3.24
GE09-R5-E-7576-03-02-006012	8/3/2009	6	12	2.72	2.17
GE09-R5-E-7576-03-02-012019	8/3/2009	12	19	0.30	1.74
GE09-R5-E-7576-03-03-000006	8/3/2009	0	6	0.25	1.92

Table 2-5
Summary of 2009 GE Floodplain Soil PCB and TOC Data

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Upper Hudson River Floodplains

General Electric Company - Albany, New York

Sample ID	Sampling Date	Start Depth (in)	End Depth (in)	TPCB (mg/kg)	TOC (%)
GE09-R5-E-7576-03-03-006012	8/3/2009	6	12	2.16	1.81
GE09-R5-E-7576-03-03-012019	8/3/2009	12	19	0.57	1.55
GE09-R5-E-7576-03-04-000006	8/3/2009	0	6	3.55	1.78
GE09-R5-E-7576-03-04-006012	8/3/2009	6	12	15.37	1.85
GE09-R5-E-7576-03-04-012019	8/3/2009	12	19	0.14	0.93
GE09-R5-E-7576-03-05-000006	9/22/2009	0	6	4.59	2.73
GE09-R5-E-7576-03-05-006012	9/22/2009	6	12	10.65	1.53
GE09-R5-E-7576-03-05-012023	9/22/2009	12	23	0.74	1.10
GE09-R5-E-7576-03-06-000006	9/22/2009	0	6	14.04	3.21
GE09-R5-E-7576-03-06-006012	9/22/2009	6	12	4.74	1.47
GE09-R5-E-7576-03-06-012024	9/22/2009	12	24	0.02 [0.03]	0.87 [0.88]
GE09-R5-E-7576-03-07-000006	9/22/2009	0	6	0.59	1.08
GE09-R5-E-7576-03-07-006012	9/22/2009	6	12	ND(0.01)	0.67
GE09-R5-E-7576-03-07-012024	9/22/2009	12	24	ND(0.01) [ND(0.01)]	0.69 [0.65]
GE09-R5-E-7576-04-01-000006	9/22/2009	0	6	0.23	1.87
GE09-R5-E-7576-04-02-000006	9/22/2009	0	6	12.42	3.71
GE09-R5-E-7576-04-02-006012	9/22/2009	6	12	4.65	2.62
GE09-R5-E-7576-04-02-012024	9/22/2009	12	24	0.05	0.83
GE09-R5-E-7576-04-03-000006	9/22/2009	0	6	0.32	1.60
GE09-R5-E-7576-04-03-006012	9/22/2009	6	12	ND(0.01)	1.02
GE09-R5-E-7576-04-03-012023	9/22/2009	12	23	ND(0.01)	0.41
GE09-R5-E-7576-04-04-000006	9/22/2009	0	6	0.20	1.31
GE09-R5-E-7576-04-04-006012	9/22/2009	6	12	0.24	2.73
GE09-R5-E-7576-06-01-000006	9/22/2009	0	6	0.03	1.12
GE09-R5-E-7576-06-01-006012	9/22/2009	6	12	ND(0.01)	1.07
GE09-R5-E-7576-06-01-012024	9/22/2009	12	24	ND(0.01)	0.14
GE09-R5-E-7576-08-01-000006	9/22/2009	0	6	0.34	0.46
GE09-R5-E-7576-08-01-006012	9/22/2009	6	12	1.11	0.53
GE09-R5-E-7576-08-02-000006	9/22/2009	0	6	0.01	0.76
GE09-R5-E-7576-08-02-006012	9/22/2009	6	12	0.02	1.53
GE09-R5-E-7576-08-02-012020	9/22/2009	12	20	ND(0.01)	0.44
GE09-R5-E-7879-01-01-000006	8/6/2009	0	6	2.11	4.18
GE09-R5-E-7879-01-01-006012	8/6/2009	6	12	2.17	1.85
GE09-R5-E-7879-01-01-012024	8/6/2009	12	24	0.63	3.06
GE09-R5-E-7879-01-02-000006	8/4/2009	0	6	ND(0.02)	2.81
GE09-R5-E-7879-01-02-006012	8/4/2009	6	12	ND(0.01)	1.21
GE09-R5-E-7879-01-02-012021	8/4/2009	12	21	ND(0.01)	1.37
GE09-R5-E-7879-01-03-000006	8/4/2009	0	6	0.03	2.23
GE09-R5-E-7879-01-03-006012	8/4/2009	6	12	ND(0.01)	1.38
GE09-R5-E-7879-01-03-012023	8/4/2009	12	23	ND(0.01)	0.94
GE09-R5-I-8081-01-01-000006	10/2/2009	0	6	0.34	2.18
GE09-R5-I-8081-01-01-006012	10/2/2009	6	12	1.77	5.51
GE09-R5-I-8081-01-01-012018	10/2/2009	12	18	10.63	22.30

Table 2-5
Summary of 2009 GE Floodplain Soil PCB and TOC Data

Final Data Summary Report - 2009 Floodplain Sampling Activities
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Sample ID	Sampling Date	Start Depth (in)	End Depth (in)	TPCB (mg/kg)	TOC (%)
GE09-R5-I-8081-01-02-000006	10/2/2009	0	6	5.30	2.73
GE09-R5-I-8081-01-02-006012	10/2/2009	6	12	63.10	4.05
GE09-R5-I-8081-01-03-000006	10/2/2009	0	6	0.81	4.18
GE09-R5-I-8081-01-03-006012	10/2/2009	6	12	52.60	3.57
GE09-R5-I-8081-01-03-012024	10/2/2009	12	24	0.59	3.67
GE09-R5-I-8081-01-04-000006	10/2/2009	0	6	1.67	2.45
GE09-R5-I-8081-01-04-006012	10/2/2009	6	12	5.36	2.97
GE09-R5-I-8182-02-01-000006	8/3/2009	0	6	2.04	1.79
GE09-R5-I-8182-02-01-006012	8/3/2009	6	12	0.38	1.18
GE09-R5-I-8182-02-01-012024	8/3/2009	12	24	0.18 [0.19]	0.48 [0.52]
GE09-R5-I-8182-02-02-000006	8/3/2009	0	6	0.02	0.32
GE09-R5-I-8182-02-02-006012	8/3/2009	6	12	0.01	0.18
GE09-R5-I-8182-02-02-012024	8/3/2009	12	24	0.02 [0.02]	0.24 [0.26]
GE09-R5-I-8182-02-03-000006	8/3/2009	0	6	ND(0.01)	0.38
GE09-R5-I-8182-02-03-006012	8/3/2009	6	12	ND(0.01)	0.32
GE09-R5-I-8182-02-03-012024	8/3/2009	12	24	ND(0.01)	0.17
GE09-R5-I-8182-02-04-000006	8/3/2009	0	6	ND(0.01)	0.16
GE09-R5-I-8182-02-04-006012	8/3/2009	6	12	0.06	0.25
GE09-R5-I-8182-02-04-012024	8/3/2009	12	24	0.09	0.82
GE09-R5-I-8182-03-01-000006	9/22/2009	0	6	ND(0.01)	0.44
GE09-R5-I-8182-03-01-006012	9/22/2009	6	12	0.02	0.91
GE09-R5-I-8182-03-01-012019	9/22/2009	12	19	0.01	0.39
GE09-R5-I-8182-03-02-000006	9/22/2009	0	6	0.25	1.30
GE09-R5-I-8182-03-02-006012	9/22/2009	6	12	0.24	1.01
GE09-R5-I-8182-04-01-000006	9/22/2009	0	6	0.11	0.14
GE09-R5-I-8182-04-01-006012	9/22/2009	6	12	0.21	0.36
GE09-R5-I-8182-04-02-000006	9/22/2009	0	6	0.03	0.32
GE09-R5-I-8182-04-02-006012	9/22/2009	6	12	0.62	0.78
GE09-R5-I-8182-04-02-012020	9/22/2009	12	20	0.08	1.03
GE09-R5-W-6869-01-01-000006	9/23/2009	0	6	0.04	0.95
GE09-R5-W-6869-01-01-006012	9/23/2009	6	12	ND(0.01)	0.22
GE09-R5-W-6869-01-01-012019	9/23/2009	12	19	ND(0.01)	1.35
GE09-R5-W-6869-02-01-000006	9/23/2009	0	6	0.26	1.54
GE09-R5-W-6869-02-01-006012	9/23/2009	6	12	0.03 [4.59]	0.48 [1.87]
GE09-R5-W-6869-02-01-012019	9/23/2009	12	19	ND(0.01)	2.64
GE09-R5-W-6869-02-02-000006	9/23/2009	0	6	ND(0.01)	0.46
GE09-R5-W-6869-02-02-006012	9/23/2009	6	12	ND(0.01)	0.08
GE09-R5-W-6869-02-02-012018	9/23/2009	12	18	ND(0.01)	0.10
GE09-R5-W-6869-03-01-000006	9/23/2009	0	6	4.70	2.49
GE09-R5-W-6869-03-01-006012	9/23/2009	6	12	1.27	0.51
GE09-R5-W-6869-03-02-000006	9/23/2009	0	6	1.42	1.16
GE09-R5-W-6869-03-02-006012	9/23/2009	6	12	2.27	1.23

Table 2-5
Summary of 2009 GE Floodplain Soil PCB and TOC Data

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Sample ID	Sampling Date	Start Depth (in)	End Depth (in)	TPCB (mg/kg)	TOC (%)
GE09-R5-W-6869-04-01-000006	8/5/2009	0	6	0.02	1.67
GE09-R5-W-6869-04-01-006012	8/5/2009	6	12	ND(0.01)	0.13
GE09-R5-W-6869-04-01-012018	8/5/2009	12	18	0.03	0.14
GE09-R5-W-6869-05-01-000006	9/23/2009	0	6	1.84	1.47
GE09-R5-W-6869-05-01-006012	9/23/2009	6	12	14.16	2.54
GE09-R5-W-6869-05-02-000006	9/23/2009	0	6	0.06	0.86
GE09-R5-W-6869-05-02-006012	9/23/2009	6	12	ND(0.01)	0.58
GE09-R5-W-6869-05-02-012022	9/23/2009	12	22	0.13 [0.12]	2.33 [2.42]
GE09-R5-W-6869-05-03-000006	9/23/2009	0	6	ND(0.01)	0.81
GE09-R5-W-6869-05-03-006012	9/23/2009	6	12	ND(0.01)	0.52
GE09-R5-W-6869-05-04-000006	9/23/2009	0	6	1.41	0.67
GE09-R5-W-6869-05-04-006012	9/23/2009	6	12	4.05	3.70
GE09-R5-W-6869-05-04-012022	9/23/2009	12	22	0.06	2.59
GE09-R5-W-6970-04-01-000006	9/23/2009	0	6	ND(0.01)	2.35
GE09-R5-W-6970-04-01-006012	9/23/2009	6	12	ND(0.01)	0.83
GE09-R5-W-6970-04-01-012019	9/23/2009	12	19	ND(0.01)	1.00
GE09-R5-W-7071-01-01-000006	9/23/2009	0	6	0.18	0.39
GE09-R5-W-7071-01-01-006012	9/23/2009	6	12	0.14	0.22
GE09-R5-W-7071-01-02-000006	9/23/2009	0	6	ND(0.01)	1.34
GE09-R5-W-7071-01-02-006012	9/23/2009	6	12	0.27	1.96
GE09-R5-W-7071-01-02-012021	9/23/2009	12	21	ND(0.01) [ND(0.01)]	0.44 [0.50]
GE09-R5-W-7071-01-03-000006	9/23/2009	0	6	0.02	0.57
GE09-R5-W-7071-01-03-006012	9/23/2009	6	12	0.04	0.58
GE09-R5-W-7071-05-01-000006	8/5/2009	0	6	0.09	1.41
GE09-R5-W-7071-05-01-006012	8/5/2009	6	12	1.28	0.54
GE09-R5-W-7071-05-01-012018	8/5/2009	12	18	0.04	0.21
GE09-R5-W-7071-05-02-000006	8/5/2009	0	6	ND(0.01)	1.17
GE09-R5-W-7071-05-02-006012	8/5/2009	6	12	ND(0.01)	0.33
GE09-R5-W-7071-05-02-012020	8/5/2009	12	20	ND(0.01) [ND(0.01)]	0.15 [0.16]
GE09-R5-W-7071-05-03-000006	8/5/2009	0	6	ND(0.01)	0.16
GE09-R5-W-7071-05-03-006012	8/5/2009	6	12	ND(0.01)	0.21
GE09-R5-W-7071-05-03-012018	8/5/2009	12	18	ND(0.01) [ND(0.01)]	0.21 [0.19]
GE09-R5-W-7071-05-04-000006	8/5/2009	0	6	ND(0.01)	0.46
GE09-R5-W-7071-05-04-006012	8/5/2009	6	12	ND(0.01)	0.41
GE09-R5-W-7071-05-04-012024	8/5/2009	12	24	ND(0.01) [ND(0.01)]	0.42 [0.44]
GE09-R5-W-7172-01-01-000006	9/23/2009	0	6	0.23	0.27
GE09-R5-W-7172-01-01-006012	9/23/2009	6	12	0.04	0.36
GE09-R5-W-7172-01-01-012018	9/23/2009	12	18	0.87	1.78
GE09-R5-W-7172-01-02-000006	9/23/2009	0	6	0.56	1.13
GE09-R5-W-7172-01-02-006012	9/23/2009	6	12	0.33	0.61
GE09-R5-W-7172-02-01-000006	9/23/2009	0	6	17.03	2.23

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Sample ID	Sampling Date	Start Depth (in)	End Depth (in)	TPCB (mg/kg)	TOC (%)
GE09-R5-W-7172-02-01-006012	9/23/2009	6	12	7.34	1.98
GE09-R5-W-7172-02-01-012024	9/23/2009	12	24	0.87	2.23
GE09-R5-W-7172-02-02-000006	9/23/2009	0	6	2.58	1.64
GE09-R5-W-7172-02-02-006012	9/23/2009	6	12	0.66	0.37
GE09-R5-W-7172-02-02-012023	9/23/2009	12	23	ND(0.01)	ND(0.01)
GE09-R5-W-7374-01-01-000006	8/5/2009	0	6	0.75	2.60
GE09-R5-W-7374-01-01-006012	8/5/2009	6	12	11.06	1.36
GE09-R5-W-7374-01-01-012018	8/5/2009	12	18	43.70	3.58
GE09-R5-W-7374-01-02-000006	8/5/2009	0	6	0.08	1.74
GE09-R5-W-7374-01-02-006012	8/5/2009	6	12	0.14	0.69
GE09-R5-W-7374-01-02-012019	8/5/2009	12	19	ND(0.01)	0.40
GE09-R5-W-7374-01-03-000006	8/5/2009	0	6	ND(0.01)	2.58
GE09-R5-W-7374-01-03-006012	8/5/2009	6	12	0.04	1.76
GE09-R5-W-7374-01-03-012022	8/5/2009	12	22	ND(0.01)	0.72
GE09-R5-W-7475-01-01-000006	8/4/2009	0	6	3.59	1.32
GE09-R5-W-7475-01-01-006012	8/4/2009	6	12	11.58	1.62
GE09-R5-W-7475-01-01-012020	8/4/2009	12	20	0.20	0.61
GE09-R5-W-7475-01-02-000006	8/4/2009	0	6	0.27	1.19
GE09-R5-W-7475-01-02-006012	8/4/2009	6	12	7.55	3.22
GE09-R5-W-7475-01-02-012018	8/4/2009	12	18	0.05	0.62
GE09-R5-W-7576-01-01-000006	8/4/2009	0	6	1.02	3.03
GE09-R5-W-7576-01-01-006012	8/4/2009	6	12	0.59	1.11
GE09-R5-W-7576-01-01-012019	8/4/2009	12	19	ND(0.01)	0.64
GE09-R5-W-7576-01-02-000006	8/4/2009	0	6	0.60	4.37
GE09-R5-W-7576-01-02-006012	8/4/2009	6	12	0.49	1.45
GE09-R5-W-7576-01-02-012018	8/4/2009	12	18	0.02 [0.02]	0.89 [0.86]
GE09-R5-W-7576-01-03-000006	8/4/2009	0	6	8.33	3.68
GE09-R5-W-7576-01-03-006012	8/4/2009	6	12	2.61	1.33
GE09-R5-W-7576-01-03-012020	8/4/2009	12	20	0.05	0.77
GE09-R5-W-7576-02-01-000006	9/22/2009	0	6	ND(0.01)	2.00
GE09-R5-W-7576-02-01-006012	9/22/2009	6	12	1.51	2.12
GE09-R5-W-7576-02-02-000006	9/22/2009	0	6	13.83	4.44
GE09-R5-W-7576-02-02-006012	9/22/2009	6	12	6.36	1.41
GE09-R5-W-7576-02-03-000006	9/22/2009	0	6	0.01	2.63
GE09-R5-W-7576-02-03-006012	9/22/2009	6	12	0.35	1.14
GE09-R5-W-7576-02-03-012021	9/22/2009	12	21	0.07	0.66
GE09-R5-W-7576-10-01-000006	9/22/2009	0	6	0.31	2.55
GE09-R5-W-7576-10-01-006012	9/22/2009	6	12	0.30	1.52
GE09-R5-W-7576-10-02-000006	9/22/2009	0	6	0.13	4.20
GE09-R5-W-7576-10-02-006012	9/22/2009	6	12	0.02	5.30
GE09-R5-W-7576-10-03-000006	9/22/2009	0	6	ND(0.01)	1.82
GE09-R5-W-7576-10-03-006012	9/22/2009	6	12	ND(0.01)	1.71
GE09-R5-W-7576-10-03-012022	9/22/2009	12	22	ND(0.01)	0.35

Table 2-5
Summary of 2009 GE Floodplain Soil PCB and TOC Data

Final Data Summary Report - 2009 Floodplain Sampling Activities
Upper Hudson River Floodplains

General Electric Company - Albany, New York

Sample ID	Sampling Date	Start Depth (in)	End Depth (in)	TPCB (mg/kg)	TOC (%)
GE09-R5-W-7677-01-01-000006	8/5/2009	0	6	3.88	7.68
GE09-R5-W-7677-01-01-006012	8/5/2009	6	12	17.74	4.22
GE09-R5-W-7677-01-01-012018	8/5/2009	12	18	3.78	4.21
GE09-R5-W-7677-01-02-000006	8/5/2009	0	6	0.19	2.58
GE09-R5-W-7677-01-02-006012	8/5/2009	6	12	4.84	3.29
GE09-R5-W-7677-01-02-012021	8/5/2009	12	21	0.03	2.64
GE09-R5-W-7677-01-03-000006	8/5/2009	0	6	5.77	4.30
GE09-R5-W-7677-01-03-006012	8/5/2009	6	12	134.30	4.75
GE09-R5-W-7677-01-03-012022	8/5/2009	12	22	0.29	1.75
GE09-R5-W-7677-01-04-000006	8/5/2009	0	6	16.84	3.13
GE09-R5-W-7677-01-04-006012	8/5/2009	6	12	28.76	3.77
GE09-R5-W-7677-01-04-012022	8/5/2009	12	22	2.45	1.86
GE09-R5-W-7778-01-01-000006	8/5/2009	0	6	ND(0.01)	0.18
GE09-R5-W-7778-01-01-006012	8/5/2009	6	12	ND(0.01)	0.30
GE09-R5-W-7778-01-01-012024	8/5/2009	12	24	11.87	0.43
GE09-R5-W-7778-01-02-000006	8/5/2009	0	6	91.60	4.19
GE09-R5-W-7778-01-02-006012	8/5/2009	6	12	8.88	3.04
GE09-R5-W-7778-01-02-012022	8/5/2009	12	22	9.38	4.28
GE09-R5-W-7980-01-01-000006	8/5/2009	0	6	1.20	2.11
GE09-R5-W-7980-01-01-006012	8/5/2009	6	12	6.16	1.17
GE09-R5-W-7980-01-01-012018	8/5/2009	12	18	0.14	0.94
GE09-R5-W-7980-01-02-000006	8/5/2009	0	6	2.01	2.95
GE09-R5-W-7980-01-02-006012	8/5/2009	6	12	1.67	1.55
GE09-R5-W-7980-01-02-012018	8/5/2009	12	18	ND(0.01)	10.10
GE09-R5-W-7980-01-03-000006	8/5/2009	0	6	3.45	0.80
GE09-R5-W-7980-01-03-006012	8/5/2009	6	12	0.03	0.55
GE09-R5-W-7980-01-03-012019	8/5/2009	12	19	ND(0.01)	0.15
GE09-R5-W-8182-05-01-000006	8/6/2009	0	6	4.96	2.75
GE09-R5-W-8182-05-01-006012	8/6/2009	6	12	11.43	3.02
GE09-R5-W-8182-05-01-012023	8/6/2009	12	23	0.75 [1.07]	0.66 [0.87]
GE09-R5-W-8182-05-02-000006	8/6/2009	0	6	5.78	1.63
GE09-R5-W-8182-05-02-006012	8/6/2009	6	12	2.68	0.27
GE09-R5-W-8182-05-02-012018	8/6/2009	12	18	0.50	0.12
GE09-R5-W-8182-05-03-000006	8/6/2009	0	6	0.51	0.43
GE09-R5-W-8182-05-03-006012	8/6/2009	6	12	0.04	0.09
GE09-R5-W-8182-05-03-012019	8/6/2009	12	19	ND(0.01)	0.14
GE09-R5-W-8182-06-01-000006	8/6/2009	0	6	3.63	1.42
GE09-R5-W-8182-06-01-006012	8/6/2009	6	12	5.43	0.39
GE09-R5-W-8182-06-01-012019	8/6/2009	12	19	ND(0.01)	0.17
GE09-R5-W-8182-06-02-000006	8/6/2009	0	6	2.85	3.09
GE09-R5-W-8182-06-02-006012	8/6/2009	6	12	19.07	2.80
GE09-R5-W-8182-06-02-012020	8/6/2009	12	20	19.98	1.33
GE09-R5-W-8182-06-03-000006	8/6/2009	0	6	24.95	3.17
GE09-R5-W-8182-06-03-006012	8/6/2009	6	12	7.97	0.24

Table 2-5
Summary of 2009 GE Floodplain Soil PCB and TOC Data

Final Data Summary Report - 2009 Floodplain Sampling Activities
Upper Hudson River Floodplains

General Electric Company - Albany, New York

Sample ID	Sampling Date	Start Depth (in)	End Depth (in)	TPCB (mg/kg)	TOC (%)
GE09-R5-W-8182-06-03-012020	8/6/2009	12	20	0.49	0.13
GE09-R5-W-8182-06-04-000006	8/6/2009	0	6	2.67	0.33
GE09-R5-W-8182-06-04-006012	8/6/2009	6	12	0.30	0.10
GE09-R5-W-8182-06-04-012021	8/6/2009	12	21	ND(0.01)	0.13
GE09-R6-E-8384-01-01-000006	8/4/2009	0	6	0.63	1.33
GE09-R6-E-8384-01-01-006012	8/4/2009	6	12	0.40	0.16
GE09-R6-E-8384-01-01-012019	8/4/2009	12	19	0.06	0.16
GE09-R6-E-8586-01-01-000006	8/4/2009	0	6	0.10	1.27
GE09-R6-E-8586-01-01-006012	8/4/2009	6	12	1.25	0.57
GE09-R6-E-8586-01-01-012018	8/4/2009	12	18	ND(0.01)	3.86
GE09-R6-E-8586-01-02-000006	8/4/2009	0	6	0.02	3.09
GE09-R6-E-8586-01-02-006012	8/4/2009	6	12	0.15	1.76
GE09-R6-E-8586-01-02-012018	8/4/2009	12	18	0.21	1.06
GE09-R6-E-8586-01-03-000006	8/4/2009	0	6	ND(0.01)	1.62
GE09-R6-E-8586-01-03-006012	8/4/2009	6	12	0.06	2.25
GE09-R6-E-8586-01-03-012018	8/4/2009	12	18	ND(0.01)	1.55
GE09-R6-E-8586-02-01-000006	8/4/2009	0	6	0.33	2.23
GE09-R6-E-8586-02-01-006012	8/4/2009	6	12	30.40	5.28
GE09-R6-E-8586-02-01-012017	8/4/2009	12	17	1.75	2.16
GE09-R6-E-8586-02-02-000006	8/4/2009	0	6	0.11	2.35
GE09-R6-E-8586-02-02-006012	8/4/2009	6	12	0.18	1.25
GE09-R6-E-8586-02-02-012017	8/4/2009	12	17	0.07	0.58
GE09-R6-E-8586-03-01-000006	7/31/2009	0	6	31.70	5.67
GE09-R6-E-8586-03-01-006012	7/31/2009	6	12	6.56	3.41
GE09-R6-E-8586-03-01-012020	7/31/2009	12	20	ND(0.01)	1.54
GE09-R6-E-8586-03-02-000006	7/31/2009	0	6	5.10	3.70
GE09-R6-E-8586-03-02-006012	7/31/2009	6	12	4.51	2.79
GE09-R6-E-8586-03-02-012023	7/31/2009	12	23	ND(0.01) [ND(0.01)]	1.59 [3.01]
GE09-R6-E-8586-03-03-000006	7/31/2009	0	6	5.29	4.08
GE09-R6-E-8586-03-03-006012	7/31/2009	6	12	11.85 [22.10]	4.28 [4.41]
GE09-R6-E-8586-03-03-012019	7/31/2009	12	19	0.09	3.63
GE09-R6-E-8586-03-04-000006	7/31/2009	0	6	0.15	1.68
GE09-R6-E-8586-03-04-006012	7/31/2009	6	12	ND(0.01)	0.29
GE09-R6-E-8586-03-04-012019	7/31/2009	12	19	ND(0.01) [ND(0.01)]	0.29 [0.33]
GE09-R6-E-8586-03-05-000006	7/31/2009	0	6	0.20	0.70
GE09-R6-E-8586-03-05-006012	7/31/2009	6	12	0.98	2.00
GE09-R6-E-8586-03-05-012024	7/31/2009	12	24	0.39	0.87
GE09-R6-E-8687-02-01-000006	8/4/2009	0	6	0.05	3.73
GE09-R6-E-8687-02-01-006012	8/4/2009	6	12	ND(0.01)	1.44
GE09-R6-E-8687-02-01-012021	8/4/2009	12	21	ND(0.01)	1.42
GE09-R6-E-8687-02-02-000006	8/4/2009	0	6	0.10	0.85
GE09-R6-E-8687-02-02-006012	8/4/2009	6	12	0.65	1.38

Table 2-5
Summary of 2009 GE Floodplain Soil PCB and TOC Data

Final Data Summary Report - 2009 Floodplain Sampling Activities
Upper Hudson River Floodplains

General Electric Company - Albany, New York

Sample ID	Sampling Date	Start Depth (in)	End Depth (in)	TPCB (mg/kg)	TOC (%)
GE09-R6-E-8687-02-02-012014	8/4/2009	12	14	0.40	1.25
GE09-R6-E-8687-03-01-000006	9/21/2009	0	6	0.38	1.55
GE09-R6-E-8687-03-01-006012	9/21/2009	6	12	11.69	5.02
GE09-R6-E-8687-03-02-000006	9/21/2009	0	6	0.29 [0.40]	3.66 [3.50]
GE09-R6-E-8687-03-02-006012	9/21/2009	6	12	0.65	0.70
GE09-R6-E-8687-03-02-012018	9/21/2009	12	18	47.30	2.68
GE09-R7-E-8687-02-01-000006	7/31/2009	0	6	13.93	4.10
GE09-R7-E-8687-02-01-006012	7/31/2009	6	12	30.80	2.53
GE09-R7-E-8687-02-01-012021	7/31/2009	12	21	0.29	0.20
GE09-R7-E-8687-02-02-000006	7/31/2009	0	6	1.98	2.59
GE09-R7-E-8687-02-02-006012	7/31/2009	6	12	0.68	0.97
GE09-R7-E-8687-02-02-012018	7/31/2009	12	18	0.03	0.55
GE09-R7-E-8687-02-03-000006	7/31/2009	0	6	4.85	4.23
GE09-R7-E-8687-02-03-006012	7/31/2009	6	12	51.30	2.47
GE09-R7-E-8687-02-03-012024	7/31/2009	12	24	5.07	2.17
GE09-R7-E-8687-03-01-000006	7/31/2009	0	6	5.93	4.05
GE09-R7-E-8687-03-01-006012	7/31/2009	6	12	22.30	6.26
GE09-R7-E-8687-03-01-012020	7/31/2009	12	20	0.46	2.40
GE09-R7-E-8687-03-02-000006	7/31/2009	0	6	14.32	2.02
GE09-R7-E-8687-03-02-006012	7/31/2009	6	12	31.90	4.20
GE09-R7-E-8687-03-02-012018	7/31/2009	12	18	28.13	0.49
GE09-R7-E-8687-03-03-000006	7/31/2009	0	6	3.56	3.08
GE09-R7-E-8687-03-03-006012	7/31/2009	6	12	2.05	1.51
GE09-R7-E-8687-03-03-012014	7/31/2009	12	14	0.70	0.43
GE09-R7-E-8687-04-01-000006	7/31/2009	0	6	80.50	3.49
GE09-R7-E-8687-04-01-006012	7/31/2009	6	12	4.53	0.83
GE09-R7-E-8687-04-01-012018	7/31/2009	12	18	0.26	0.37
GE09-R7-E-8687-04-02-000006	7/31/2009	0	6	13.89	3.95
GE09-R7-E-8687-04-02-006012	7/31/2009	6	12	3.64	2.53
GE09-R7-E-8687-04-02-012014	7/31/2009	12	14	0.31	2.00
GE09-R7-E-8889-01-01-000006	7/31/2009	0	6	1.49	1.57
GE09-R7-E-8889-01-01-006012	7/31/2009	6	12	64.80	3.13
GE09-R7-E-8889-01-01-012018	7/31/2009	12	18	9.03	3.38
GE09-R7-E-8889-01-02-000006	7/31/2009	0	6	2.98	0.42
GE09-R7-E-8889-01-02-006012	7/31/2009	6	12	138.00	2.76
GE09-R7-E-8889-01-02-012018	7/31/2009	12	18	9.90	1.53
GE09-R7-E-8889-01-03-000006	7/31/2009	0	6	0.02	0.97
GE09-R7-E-8889-01-03-006012	7/31/2009	6	12	0.03	0.56
GE09-R7-E-8889-01-03-012018	7/31/2009	12	18	39.40	1.42
GE09-R7-I-8788-02-01-000006	7/30/2009	0	6	19.49	3.19
GE09-R7-I-8788-02-01-006012	7/30/2009	6	12	344.00	7.44
GE09-R7-I-8788-02-01-012018	7/30/2009	12	18	4.73 [5.35]	4.12 [6.18]
GE09-R7-I-8788-02-02-000006	7/30/2009	0	6	5.78	2.13

Table 2-5
Summary of 2009 GE Floodplain Soil PCB and TOC Data

Final Data Summary Report - 2009 Floodplain Sampling Activities
Upper Hudson River Floodplains

General Electric Company - Albany, New York

Sample ID	Sampling Date	Start Depth (in)	End Depth (in)	TPCB (mg/kg)	TOC (%)
GE09-R7-I-8788-02-02-006012	7/30/2009	6	12	0.51	0.83
GE09-R7-I-8788-02-02-012021	7/30/2009	12	21	0.02 [0.02]	0.82 [1.04]
GE09-R7-I-8788-02-03-000006	7/30/2009	0	6	6.90	2.79
GE09-R7-I-8788-02-03-006012	7/30/2009	6	12	0.58	1.16
GE09-R7-I-8788-02-03-012021	7/30/2009	12	21	ND(0.01)	0.88
GE09-R7-I-8788-02-04-000006	7/30/2009	0	6	2.53	1.95
GE09-R7-I-8788-02-04-006012	7/30/2009	6	12	0.33	1.18
GE09-R7-I-8788-02-04-012019	7/30/2009	12	19	0.28	0.37
GE09-R7-I-8788-02-05-000006	7/30/2009	0	6	0.52	1.48
GE09-R7-I-8788-02-05-006012	7/30/2009	6	12	0.01	0.61
GE09-R7-I-8788-02-05-012021	7/30/2009	12	21	ND(0.01)	0.82
GE09-R7-I-8788-02-06-000006	7/30/2009	0	6	0.51	2.00
GE09-R7-I-8788-02-06-006012	7/30/2009	6	12	0.14	1.05
GE09-R7-I-8788-02-06-012020	7/30/2009	12	20	0.01	0.44
GE09-R7-I-8788-02-08-000006	9/18/2009	0	6	0.07	1.94
GE09-R7-I-8788-02-08-006012	9/18/2009	6	12	ND(0.01)	0.50
GE09-R7-I-8788-02-09-000006	9/18/2009	0	6	0.17 [0.15]	1.36 [1.20]
GE09-R7-I-8788-02-09-006012	9/18/2009	6	12	0.02	0.44
GE09-R7-I-8788-02-09-012018	9/18/2009	12	18	ND(0.01)	0.66
GE09-R7-W-8687-01-01-000006	8/4/2009	0	6	4.09	0.96
GE09-R7-W-8687-01-01-006012	8/4/2009	6	12	25.21	1.38
GE09-R7-W-8687-01-01-012017	8/4/2009	12	17	0.78	0.54
GE09-R7-W-8687-01-02-000006	8/4/2009	0	6	ND(0.01)	1.14
GE09-R7-W-8687-01-02-006012	8/4/2009	6	12	ND(0.01)	0.42
GE09-R7-W-8687-01-02-012023	8/4/2009	12	23	ND(0.01)	0.19
GE09-R7-W-8687-01-03-000006	8/4/2009	0	6	ND(0.01)	0.33
GE09-R7-W-8687-01-03-006012	8/4/2009	6	12	ND(0.01)	0.17
GE09-R7-W-8687-01-03-012023	8/4/2009	12	23	ND(0.01)	0.27
GE09-R7-W-8788-01-01-000006	7/30/2009	0	6	77.80	6.54
GE09-R7-W-8788-01-01-006012	7/30/2009	6	12	64.00	5.61
GE09-R7-W-8788-01-01-012018	7/30/2009	12	18	0.21	2.23
GE09-R7-W-8788-01-02-000006	7/30/2009	0	6	0.90	2.35
GE09-R7-W-8788-01-02-006012	7/30/2009	6	12	4.75	1.34
GE09-R7-W-8788-01-02-012020	7/30/2009	12	20	2.05	1.48
GE09-R7-W-8788-01-03-000006	7/30/2009	0	6	0.01	1.94
GE09-R7-W-8788-01-03-006012	7/30/2009	6	12	ND(0.01)	0.68
GE09-R7-W-8788-01-03-012020	7/30/2009	12	20	0.35	1.66
GE09-R7-W-8788-04-01-000006	7/31/2009	0	6	4.50	2.92
GE09-R7-W-8788-04-01-006012	7/31/2009	6	12	2.50	1.99
GE09-R7-W-8788-04-01-012023	7/31/2009	12	23	0.33	1.86
GE09-R7-W-8788-04-02-000006	7/31/2009	0	6	0.56	1.81
GE09-R7-W-8788-04-02-006012	7/31/2009	6	12	12.22	1.66
GE09-R7-W-8788-04-02-012024	7/31/2009	12	24	4.84	1.29

Table 2-5
Summary of 2009 GE Floodplain Soil PCB and TOC Data

Final Data Summary Report - 2009 Floodplain Sampling Activities
Upper Hudson River Floodplains

General Electric Company - Albany, New York

Sample ID	Sampling Date	Start Depth (in)	End Depth (in)	TPCB (mg/kg)	TOC (%)
GE09-R7-W-8788-04-03-000006	7/31/2009	0	6	3.18	3.73
GE09-R7-W-8788-04-03-006012	7/31/2009	6	12	7.26	1.09
GE09-R7-W-8788-04-03-012022	7/31/2009	12	22	0.04	1.80
GE09-R8-E-9495-01-01-000006	9/21/2009	0	6	5.88	2.43
GE09-R8-E-9495-01-01-006012	9/21/2009	6	12	19.03	2.00
GE09-R8-E-9495-01-02-000006	9/21/2009	0	6	20.40	3.80
GE09-R8-E-9495-01-02-006012	9/21/2009	6	12	77.70	7.44
GE09-R8-E-9495-01-02-012018	9/21/2009	12	18	6.19	9.49
GE09-R8-E-9495-01-03-000006	9/21/2009	0	6	0.08	2.84
GE09-R8-E-9495-01-03-006012	9/21/2009	6	12	0.12	2.87
GE09-R8-E-9495-02-01-000006	7/29/2009	0	6	78.40	8.74
GE09-R8-E-9495-02-01-006012	7/29/2009	6	12	0.23	5.61
GE09-R8-E-9495-02-01-012017	7/29/2009	12	17	ND(0.01)	5.56
GE09-R8-E-9495-02-02-000006	7/29/2009	0	6	7.77	3.93
GE09-R8-E-9495-02-02-006012	7/29/2009	6	12	20.00	6.08
GE09-R8-E-9495-02-02-012019	7/29/2009	12	19	19.54	8.38
GE09-R8-E-9495-02-03-000006	7/29/2009	0	6	4.38	3.41
GE09-R8-E-9495-02-03-006012	7/29/2009	6	12	1.22	4.24
GE09-R8-E-9495-02-03-012021	7/29/2009	12	21	16.24 [124.90]	9.37 [9.43]
GE09-R8-E-9495-02-04-000006	7/29/2009	0	6	0.37	5.48
GE09-R8-E-9495-02-04-006012	7/29/2009	6	12	4.10	5.10
GE09-R8-E-9495-02-04-012018	7/29/2009	12	18	4.03	9.59
GE09-R8-E-9495-03-01-000006	9/21/2009	0	6	12.32	3.82
GE09-R8-E-9495-03-01-006012	9/21/2009	6	12	651.00	7.46
GE09-R8-E-9495-03-01-012020	9/21/2009	12	20	1.38	4.19
GE09-R8-E-9495-03-02-000006	9/21/2009	0	6	46.80	8.12
GE09-R8-E-9495-03-02-006012	9/21/2009	6	12	6.39	6.81
GE09-R8-E-9495-03-02-012024	9/21/2009	12	24	0.03 [0.03]	2.24 [1.72]
GE09-R8-E-9495-04-01-000006	7/29/2009	0	6	33.90	7.58
GE09-R8-E-9495-04-01-006012	7/29/2009	6	12	1.35	4.86
GE09-R8-E-9495-04-01-012018	7/29/2009	12	18	1.18	4.17
GE09-R8-E-9495-04-02-000006	7/30/2009	0	6	6.51	4.30
GE09-R8-E-9495-04-02-006012	7/30/2009	6	12	3.08	3.70
GE09-R8-E-9495-04-02-012024	7/30/2009	12	24	1.25 [1.12]	4.83 [4.63]
GE09-R8-E-9495-05-01-000006	7/29/2009	0	6	91.00	5.69
GE09-R8-E-9495-05-01-006012	7/29/2009	6	12	39.20	5.32
GE09-R8-E-9495-05-01-012020	7/29/2009	12	20	0.22 [0.23]	5.48 [5.32]
GE09-R8-E-9495-05-02-000006	7/30/2009	0	6	0.05	5.62
GE09-R8-E-9495-05-02-006012	7/30/2009	6	12	ND(0.01)	1.81
GE09-R8-E-9495-05-02-012024	7/30/2009	12	24	ND(0.01) [ND(0.01)]	1.33 [1.70]
GE09-R8-E-9495-06-01-000006	7/29/2009	0	6	19.93	5.15

Table 2-5
Summary of 2009 GE Floodplain Soil PCB and TOC Data

Final Data Summary Report - 2009 Floodplain Sampling Activities
Upper Hudson River Floodplains

General Electric Company - Albany, New York

Sample ID	Sampling Date	Start Depth (in)	End Depth (in)	TPCB (mg/kg)	TOC (%)
GE09-R8-E-9495-06-01-006012	7/29/2009	6	12	32.50	3.10
GE09-R8-E-9495-06-01-012021	7/29/2009	12	21	0.20	9.65
GE09-R8-E-9495-06-02-000006	7/29/2009	0	6	8.00	7.21
GE09-R8-E-9495-06-02-006012	7/29/2009	6	12	0.11	2.94
GE09-R8-E-9495-06-02-012018	7/29/2009	12	18	0.07	1.71
GE09-R8-E-9495-06-03-000006	7/29/2009	0	6	0.23	5.13
GE09-R8-E-9495-06-03-006012	7/29/2009	6	12	0.05	4.55
GE09-R8-E-9495-06-03-012016	7/29/2009	12	16	0.02	5.52
GE09-R8-E-9495-07-01-000006	9/21/2009	0	6	0.14	2.91
GE09-R8-E-9495-07-01-006012	9/21/2009	6	12	0.36	2.26
GE09-R8-E-9495-07-02-000006	9/21/2009	0	6	209.20	5.57
GE09-R8-E-9495-07-02-006012	9/21/2009	6	12	24.30	6.18
GE09-R8-E-9495-07-02-012024	9/21/2009	12	24	0.12	2.86
GE09-R8-E-9495-08-01-000006	9/21/2009	0	6	0.31	4.63
GE09-R8-E-9495-08-01-006012	9/21/2009	6	12	0.06	6.20
GE09-R8-E-9495-09-01-000006	7/29/2009	0	6	0.02	1.36
GE09-R8-E-9495-09-01-006012	7/29/2009	6	12	ND(0.01)	0.37
GE09-R8-E-9495-09-01-012022	7/29/2009	12	22	ND(0.01)	0.56
GE09-R8-E-9495-09-02-000006	7/29/2009	0	6	2.37	2.23
GE09-R8-E-9495-09-02-006012	7/29/2009	6	12	0.49	1.41
GE09-R8-E-9495-09-02-012021	7/29/2009	12	21	ND(0.01)	1.22
GE09-R8-E-9495-09-03-000006	7/29/2009	0	6	0.02	1.52
GE09-R8-E-9495-09-03-006012	7/29/2009	6	12	0.02	1.13
GE09-R8-E-9495-09-03-012018	7/29/2009	12	18	ND(0.01)	0.72
GE09-R8-E-9495-09-04-000006	8/24/2009	0	6	13.29 [26.46]	4.31 [4.86]
GE09-R8-E-9495-09-04-006012	8/24/2009	6	12	0.46	1.96
GE09-R8-E-9495-09-04-012020	8/24/2009	12	20	0.09	0.99
GE09-R8-E-9495-09-05-000006	8/24/2009	0	6	0.09	1.94
GE09-R8-E-9495-09-05-006012	8/24/2009	6	12	0.07	1.23
GE09-R8-E-9495-09-05-012024	8/24/2009	12	24	ND(0.01)	0.90
GE09-R8-E-9495-09-06-000006	8/24/2009	0	6	2.00	4.49
GE09-R8-E-9495-09-06-006012	8/24/2009	6	12	1.08	5.35
GE09-R8-E-9495-09-06-012020	8/24/2009	12	20	ND(0.01) [0.04]	0.66 [0.58]
GE09-R8-W-8990-01-01-000006	7/30/2009	0	6	5.57	5.60
GE09-R8-W-8990-01-01-006012	7/30/2009	6	12	16.72	4.86
GE09-R8-W-8990-01-01-012020	7/30/2009	12	20	2.75	3.39
GE09-R8-W-8990-01-02-000006	7/30/2009	0	6	7.69	3.22
GE09-R8-W-8990-01-02-006012	7/30/2009	6	12	0.99	2.72
GE09-R8-W-8990-01-02-012019	7/30/2009	12	19	0.02	0.89
GE09-R8-W-9091-01-01-000006	7/30/2009	0	6	0.26	1.80
GE09-R8-W-9091-01-01-006012	7/30/2009	6	12	1.03	0.91
GE09-R8-W-9091-01-01-012017	7/30/2009	12	17	ND(0.01)	1.05
GE09-R8-W-9091-01-02-000006	7/30/2009	0	6	48.40	3.38

Table 2-5
Summary of 2009 GE Floodplain Soil PCB and TOC Data

Final Data Summary Report - 2009 Floodplain Sampling Activities
Upper Hudson River Floodplains

General Electric Company - Albany, New York

Sample ID	Sampling Date	Start Depth (in)	End Depth (in)	TPCB (mg/kg)	TOC (%)
GE09-R8-W-9091-01-02-006012	7/30/2009	6	12	6.81	3.53
GE09-R8-W-9091-01-02-012023	7/30/2009	12	23	ND(0.01)	1.67
GE09-R8-W-9091-02-01-000006	7/30/2009	0	6	1.53	2.06
GE09-R8-W-9091-02-01-006012	7/30/2009	6	12	46.90	1.55
GE09-R8-W-9091-02-01-012022	7/30/2009	12	22	1.17	3.10
GE09-R8-W-9091-02-02-000006	7/30/2009	0	6	20.41	4.01
GE09-R8-W-9091-02-02-006012	7/30/2009	6	12	5.29	2.43
GE09-R8-W-9091-02-02-012021	7/30/2009	12	21	0.02	0.98
GE09-R8-W-9091-03-01-000006	7/30/2009	0	6	1.34	3.74
GE09-R8-W-9091-03-01-006012	7/30/2009	6	12	25.50	3.67
GE09-R8-W-9091-03-01-012021	7/30/2009	12	21	13.55	6.05
GE09-R8-W-9091-03-02-000006	7/30/2009	0	6	3.31	3.10
GE09-R8-W-9091-03-02-006012	7/30/2009	6	12	35.40	2.65
GE09-R8-W-9091-03-02-012022	7/30/2009	12	22	9.32	2.47
GE09-R8-W-9091-03-03-000006	7/31/2009	0	6	1.84	4.97
GE09-R8-W-9091-03-03-006012	7/31/2009	6	12	2.18	5.32
GE09-R8-W-9091-03-03-012018	7/31/2009	12	18	1.66	7.21

Notes:
TPCB = Total Polychlorinated Biphenyls
TOC = Total Organic Carbon
ND ( ) = Non-Detect (Detection Limit)
mg/kg = milligrams per kilogram
[ ] = Duplicate Result

Table 2-6
Summary of 2009 EPA Floodplain Soil PCB Data

Final Data Summary Report - 2009 Floodplain Sampling Activities
Upper Hudson River Floodplains

General Electric Company - Albany, New York

Sample ID	Sampling Date	Start Depth (in)	End Depth (in)	TPCB (mg/kg)
HRF-SS-100A	8/13/2009	0	6	0.03
HRF-SS-100B	8/13/2009	6	12	0.01
HRF-SS-100-C	8/13/2009	12	22	ND (0.04)
HRF-SS-101-A	8/13/2009	0	6	ND (0.038)
HRF-SS-101-B	8/13/2009	6	12	ND (0.04)
HRF-SS-101-C	8/13/2009	12	21	ND (0.041) [ND (0.04)]
HRF-SS-102-A	8/13/2009	0	6	ND (0.038)
HRF-SS-102-B	8/13/2009	6	12	ND (0.039)
HRF-SS-102-C	8/13/2009	12	24	ND (0.04)
HRF-SS-103A	8/13/2009	0	6	0.79
HRF-SS-103-B	8/13/2009	6	12	ND (0.04) [ND (0.04)]
HRF-SS-104A	8/13/2009	0	6	0.13
HRF-SS-104B	8/13/2009	6	12	0.02
HRF-SS-104-C	8/13/2009	12	19	ND (0.04)
HRF-SS-105-A	8/14/2009	0	6	ND (0.041)
HRF-SS-105-B	8/14/2009	6	12	ND (0.041)
HRF-SS-105-C	8/14/2009	12	19	ND (0.041)
HRF-SS-106-A	8/14/2009	0	6	ND (0.042)
HRF-SS-106-B	8/14/2009	6	12	ND (0.041)
HRF-SS-106-C	8/14/2009	12	21	ND (0.04)
HRF-SS-107-A	8/14/2009	0	6	ND (0.042)
HRF-SS-107-B	8/14/2009	6	12	ND (0.038)
HRF-SS-107-C	8/14/2009	12	20	ND (0.038)
HRF-SS-108A	10/20/2009	0	6	0.02
HRF-SS-108-B	10/20/2009	6	12	ND (0.039)
HRF-SS-108-C	10/20/2009	12	24	ND (0.041)
HRF-SS-109A	10/20/2009	0	6	0.13
HRF-SS-109-B	10/20/2009	6	12	ND (0.041)
HRF-SS-109-C	10/20/2009	12	20	ND (0.041)
HRF-SS-110A	10/20/2009	0	6	4.20
HRF-SS-110B	10/20/2009	6	12	7.00
HRF-SS-110C	10/20/2009	12	16	0.07
HRF-SS-111-A	10/20/2009	0	6	ND (0.043)
HRF-SS-111-B	10/20/2009	6	12	ND (0.058)
HRF-SS-111-C	10/20/2009	12	19	ND (0.062)
HRF-SS-112A	10/20/2009	0	6	0.08
HRF-SS-112B	10/20/2009	6	12	0.12
HRF-SS-113A	10/20/2009	0	6	0.33
HRF-SS-113B	10/20/2009	6	11	0.13
HRF-SS-114A	10/20/2009	0	6	0.47
HRF-SS-114B	10/20/2009	6	12	0.65
HRF-SS-114C	10/20/2009	12	16	4.50
HRF-SS-115A	10/20/2009	0	6	0.32

Table 2-6
Summary of 2009 EPA Floodplain Soil PCB Data

Final Data Summary Report - 2009 Floodplain Sampling Activities
Upper Hudson River Floodplains

General Electric Company - Albany, New York

Sample ID	Sampling Date	Start Depth (in)	End Depth (in)	TPCB (mg/kg)
HRF-SS-115B	10/20/2009	6	12	17.00
HRF-SS-115C	10/20/2009	12	18	3.00 [3.30]
HRF-SS-116A	10/20/2009	0	6	0.50
HRF-SS-116B	10/20/2009	6	12	9.00
HRF-SS-116C	10/20/2009	12	16	1.90
HRF-SS-117A	10/20/2009	0	6	0.40
HRF-SS-117-B	10/20/2009	6	12	ND (0.052)
HRF-SS-117C	10/20/2009	12	16	3.80
HRF-SS-118A	10/20/2009	0	6	0.75
HRF-SS-119A	10/20/2009	0	6	4.00
HRF-SS-119-B	10/20/2009	6	12	ND (0.041) [ND (0.039)]
HRF-SS-119-C	10/20/2009	12	24	ND (0.041)
HRF-SS-120-A	10/20/2009	0	6	ND (0.039)
HRF-SS-120-B	10/20/2009	6	12	ND (0.04)
HRF-SS-120-C	10/20/2009	12	24	ND (0.04)
HRF-SS-121-A	10/21/2009	0	6	ND (0.044)
HRF-SS-121-B	10/21/2009	6	12	ND (0.046)
HRF-SS-121-C	10/21/2009	12	24	ND (0.048)
HRF-SS-122-A	10/21/2009	0	6	ND (0.04) [ND (0.039)]
HRF-SS-122-B	10/21/2009	6	12	ND (0.047)
HRF-SS-123-A	10/21/2009	0	6	ND (0.043)
HRF-SS-123-B	10/21/2009	6	12	ND (0.04)
HRF-SS-124-A	10/21/2009	0	6	ND (0.04)
HRF-SS-124-B	10/21/2009	6	12	ND (0.042)
HRF-SS-124-C	10/21/2009	12	20	ND (0.043)
HRF-SS-125-A	10/21/2009	0	6	ND (0.061)
HRF-SS-125-B	10/21/2009	6	12	ND (0.09)
HRF-SS-125-C	10/21/2009	12	20	ND (0.16)
HRF-SS-126-A	10/21/2009	0	6	ND (0.052)
HRF-SS-126-B	10/21/2009	6	12	ND (0.057)
HRF-SS-126-C	10/21/2009	12	20	ND (0.076)
HRF-SS-127-A	10/21/2009	0	6	ND (0.047)
HRF-SS-127-B	10/21/2009	6	12	ND(0.049)
HRF-SS-127-C	10/21/2009	12	20	ND (0.054)
HRF-SS-128-A	10/21/2009	0	6	ND (0.043)
HRF-SS-128-B	10/21/2009	6	12	ND (0.042)
HRF-SS-128-C	10/21/2009	12	23	ND (0.041)
HRF-SS-129-A	10/21/2009	0	6	ND (0.045) [ND (0.043)]
HRF-SS-129-B	10/21/2009	6	12	ND (0.042)
HRF-SS-129-C	10/21/2009	12	16	ND (0.052)
HRF-SS-130A	10/21/2009	0	6	0.06
HRF-SS-130-B	10/21/2009	6	12	ND (0.037)

Table 2-6
Summary of 2009 EPA Floodplain Soil PCB Data

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Upper Hudson River Floodplains

General Electric Company - Albany, New York

Sample ID	Sampling Date	Start Depth (in)	End Depth (in)	TPCB (mg/kg)
HRF-SS-130-C	10/21/2009	12	22	ND (0.039)
HRF-SS-131A	10/21/2009	0	6	0.14
HRF-SS-131B	10/21/2009	6	12	0.09
HRF-SS-131-C	10/21/2009	12	24	ND (0.046)
HRF-SS-132A	10/21/2009	0	6	0.17
HRF-SS-132B	10/21/2009	6	12	0.12
HRF-SS-132-C	10/21/2009	12	24	ND (0.044)
HRF-SS-133A	10/21/2009	0	6	0.05
HRF-SS-133-B	10/21/2009	6	12	ND (0.042)
HRF-SS-133-C	10/21/2009	12	24	ND (0.043)
HRF-SS-134A	10/21/2009	0	6	0.05
HRF-SS-134B	10/21/2009	6	12	0.14
HRF-SS-134C	10/21/2009	12	24	1.90
HRF-SS-135A	10/21/2009	0	6	0.01
HRF-SS-135B	10/21/2009	6	12	0.01
HRF-SS-135-C	10/21/2009	12	23	ND (0.042)
HRF-SS-136A	10/21/2009	0	6	0.13
HRF-SS-137A	10/21/2009	0	6	0.05
HRF-SS-137-B	10/21/2009	6	12	ND (0.041)
HRF-SS-137-C	10/21/2009	12	22	ND (0.042)
HRF-SS-138A	10/22/2009	0	6	4.90
HRF-SS-138B	10/22/2009	6	12	41.00 [43.00]
HRF-SS-139A	10/22/2009	0	6	1.40
HRF-SS-140A	10/22/2009	0	6	0.21
HRF-SS-140-B	10/22/2009	6	12	ND (0.044)
HRF-SS-140-C	10/22/2009	12	17	ND (0.045) [ND (0.043)]
HRF-SS-141-A	10/22/2009	0	6	ND (0.042)
HRF-SS-141-B	10/22/2009	6	12	ND (0.041)
HRF-SS-141-C	10/22/2009	12	20	ND (0.041)
HRF-SS-142-A	10/22/2009	0	6	ND (0.05)
HRF-SS-142-B	10/22/2009	6	12	ND (0.046)
HRF-SS-142-C	10/22/2009	12	18	ND (0.042)
HRF-SS-143A	10/22/2009	0	6	0.17
HRF-SS-143B	10/22/2009	6	12	0.44 [0.48]
HRF-SS-143C	10/22/2009	12	17	4.30
HRF-SS-144-A	10/22/2009	0	6	ND (0.04)
HRF-SS-144-B	10/22/2009	6	12	ND (0.041)
HRF-SS-145-A	10/22/2009	0	6	ND (0.038)
HRF-SS-145B	10/22/2009	6	12	1.20
HRF-SS-145C	10/22/2009	12	18	0.92
HRF-SS-58-A	8/11/2009	0	6	ND (0.04)
HRF-SS-58-B	8/11/2009	6	12	ND (0.041)
HRF-SS-58-C	8/11/2009	12	24	ND (0.042)

Table 2-6
Summary of 2009 EPA Floodplain Soil PCB Data

Final Data Summary Report - 2009 Floodplain Sampling Activities
Upper Hudson River Floodplains

General Electric Company - Albany, New York

Sample ID	Sampling Date	Start Depth (in)	End Depth (in)	TPCB (mg/kg)
HRF-SS-59-A	8/11/2009	0	6	ND (0.039)
HRF-SS-59-B	8/11/2009	6	12	ND (0.039)
HRF-SS-59-C	8/11/2009	12	24	ND (0.04)
HRF-SS-60-A	8/11/2009	0	6	ND (0.036)
HRF-SS-60-B	8/11/2009	6	12	ND (0.036)
HRF-SS-60-C	8/11/2009	12	18	ND (0.037)
HRF-SS-61-A	8/11/2009	0	6	ND (0.036)
HRF-SS-61-B	8/11/2009	6	12	ND (0.036)
HRF-SS-61-C	8/11/2009	12	18	ND (0.035)
HRF-SS-62-A	8/11/2009	0	6	ND (0.041) [ND (0.041)]
HRF-SS-62-B	8/11/2009	6	12	ND (0.04)
HRF-SS-62-C	8/11/2009	12	18	ND (0.04)
HRF-SS-63-A	8/11/2009	0	6	ND (0.04)
HRF-SS-63-B	8/11/2009	6	12	ND (0.039)
HRF-SS-63-C	8/11/2009	12	22	ND (0.041)
HRF-SS-64-A	8/11/2009	0	6	ND (0.042)
HRF-SS-64-B	8/11/2009	6	12	ND (0.042)
HRF-SS-64-C	8/11/2009	12	21	ND (0.043)
HRF-SS-65-A	8/11/2009	0	6	ND (0.04)
HRF-SS-65-B	8/11/2009	6	12	ND (0.042)
HRF-SS-65-C	8/11/2009	12	20	ND (0.04)
HRF-SS-66-A	8/11/2009	0	6	ND (0.041)
HRF-SS-66-B	8/11/2009	6	12	ND (0.042)
HRF-SS-66-C	8/11/2009	12	19	ND (0.048)
HRF-SS-67-A	8/11/2009	0	6	ND (0.04)
HRF-SS-67-B	8/11/2009	6	12	ND (0.038)
HRF-SS-67-C	8/11/2009	12	16	ND (0.039)
HRF-SS-68-A	8/11/2009	0	6	ND (0.047)
HRF-SS-68-B	8/11/2009	6	12	ND (0.048)
HRF-SS-68-C	8/11/2009	12	24	ND (0.041) [ND (0.043)]
HRF-SS-69-A	8/11/2009	0	6	ND (0.045)
HRF-SS-69-B	8/11/2009	6	12	ND (0.044)
HRF-SS-69-C	8/11/2009	12	19	ND (0.042)
HRF-SS-70-A	8/12/2009	0	6	ND (0.041)
HRF-SS-70-B	8/12/2009	6	12	ND (0.042)
HRF-SS-70-C	8/12/2009	12	24	ND (0.041)
HRF-SS-71-A	8/12/2009	0	6	ND (0.042)
HRF-SS-71-B	8/12/2009	6	12	ND (0.04)
HRF-SS-71-C	8/12/2009	12	22	ND (0.041)
HRF-SS-72A	8/12/2009	0	6	0.12
HRF-SS-72B	8/12/2009	6	12	0.08
HRF-SS-72C	8/12/2009	12	26	1.33 [2.03]
HRF-SS-73A	8/12/2009	0	6	1.64

Table 2-6
Summary of 2009 EPA Floodplain Soil PCB Data

Final Data Summary Report - 2009 Floodplain Sampling Activities
Upper Hudson River Floodplains

General Electric Company - Albany, New York

Sample ID	Sampling Date	Start Depth (in)	End Depth (in)	TPCB (mg/kg)
HRF-SS-73B	8/12/2009	6	12	1.85
HRF-SS-73C	8/12/2009	12	18	0.99
HRF-SS-74A	8/12/2009	0	6	0.04
HRF-SS-74B	8/12/2009	6	12	0.00
HRF-SS-74C	8/12/2009	12	17	2.95
HRF-SS-75A	8/12/2009	0	6	0.02
HRF-SS-75B	8/12/2009	6	12	0.01
HRF-SS-75-C	8/12/2009	12	26	ND (0.042)
HRF-SS-76-A	8/12/2009	0	6	ND (0.036)
HRF-SS-76-B	8/12/2009	6	12	ND (0.036)
HRF-SS-76-C	8/12/2009	12	18	ND (0.038)
HRF-SS-77A	8/12/2009	0	6	34.60
HRF-SS-77B	8/12/2009	6	12	3.01
HRF-SS-78A	8/12/2009	0	6	1.16
HRF-SS-78B	8/12/2009	6	12	0.06
HRF-SS-79-A	8/12/2009	0	6	ND (0.045)
HRF-SS-79-B	8/12/2009	6	12	ND (0.042)
HRF-SS-79-C	8/12/2009	12	18	ND (0.042) [ND (0.041)]
HRF-SS-80A	8/12/2009	0	6	6.02
HRF-SS-80B	8/12/2009	6	12	0.07
HRF-SS-80-C	8/12/2009	12	19	ND (0.038)
HRF-SS-81A	8/12/2009	0	6	0.51
HRF-SS-81-B	8/12/2009	6	12	ND (0.038)
HRF-SS-81-C	8/12/2009	12	20	ND (0.038)
HRF-SS-82-A	8/12/2009	0	6	ND (0.045)
HRF-SS-82-B	8/12/2009	6	12	ND (0.04)
HRF-SS-82-C	8/12/2009	12	20	ND (0.041)
HRF-SS-83A	8/13/2009	0	6	0.23
HRF-SS-83B	8/13/2009	6	12	0.28
HRF-SS-83C	8/13/2009	12	19	0.02
HRF-SS-84A	8/13/2009	0	6	0.62
HRF-SS-84B	8/13/2009	6	12	0.06
HRF-SS-84-C	8/13/2009	12	18	ND (0.042)
HRF-SS-85A	8/13/2009	0	6	0.55
HRF-SS-85B	8/13/2009	6	12	0.45
HRF-SS-85-C	8/13/2009	12	19	ND (0.043)
HRF-SS-86-A	8/13/2009	0	2	ND (0.039)
HRF-SS-87A	8/13/2009	0	2	0.23
HRF-SS-88-A	8/13/2009	0	2	ND (0.038)
HRF-SS-89A	8/13/2009	0	2	0.66
HRF-SS-90A	8/13/2009	0	2	6.20
HRF-SS-91A	8/13/2009	0	2	4.80
HRF-SS-92-A	8/13/2009	0	6	ND (0.043)
HRF-SS-92-B	8/13/2009	6	12	ND (0.043)
HRF-SS-92-C	8/13/2009	12	22	ND (0.042)

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Sample ID	Sampling Date	Start Depth (in)	End Depth (in)	TPCB (mg/kg)
HRF-SS-93-A	8/13/2009	0	6	ND (0.044)
HRF-SS-93-B	8/13/2009	6	12	ND (0.04)
HRF-SS-94-A	8/13/2009	0	6	ND (0.036)
HRF-SS-94-B	8/13/2009	6	12	ND (0.037) [ND (0.037)]
HRF-SS-94-C	8/13/2009	12	23	ND (0.037)
HRF-SS-95-A	8/13/2009	0	6	ND (0.049)
HRF-SS-95-B	8/13/2009	6	12	ND (0.043)
HRF-SS-96A	8/13/2009	0	6	0.03
HRF-SS-96B	8/13/2009	6	12	0.03
HRF-SS-96-C	8/13/2009	12	21	ND (0.038)
HRF-SS-97A	8/13/2009	0	6	0.43
HRF-SS-97B	8/13/2009	6	12	0.10
HRF-SS-97C	8/13/2009	12	22	1.10
HRF-SS-98-A	8/13/2009	0	6	ND (0.038)
HRF-SS-98-B	8/13/2009	6	12	ND (0.039)
HRF-SS-98-C	8/13/2009	12	22	ND (0.042)
HRF-SS-99-A	8/13/2009	0	6	ND (0.04)
HRF-SS-99-B	8/13/2009	6	12	ND (0.041)
HRF-SS-99-C	8/13/2009	12	22	ND (0.043)

Notes:
TPCB = Total Polychlorinated Biphenyls
TOC = Total Organic Carbon
ND ( ) = Non-Detect (Detection Limit)
mg/kg = milligrams per kilogram
[ ] = Duplicate Result