DATA REPORT FOR THE COLLECTION OF BULLFROG *(RANA CATESBEIANA)* TADPOLES AND NEAR-SHORE SEDIMENT SAMPLES FROM THE HUDSON RIVER, NEW YORK

HUDSON RIVER NATURAL RESOURCE DAMAGE ASSESSMENT

HUDSON RIVER NATURAL RESOURCE TRUSTEES

STATE OF NEW YORK

U.S. DEPARTMENT OF COMMERCE

U.S. DEPARTMENT OF THE INTERIOR

PUBLIC RELEASE VERSION *

FINAL

MAY 2007

Available from:
U.S. Department of Commerce
National Oceanic and Atmospheric Administration
Hudson River NRDA, Lead Administrative Trustee
Assessment and Restoration Division, N/ORR3
1305 East-West Highway, Rm 10219
Silver Spring, MD 20910-3281

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EXECUTIVE SUMMARY

Natural resources of the Hudson River have been contaminated through past and ongoing discharges of polychlorinated biphenyls (PCBs). The Hudson River Natural Resource Trustees— New York State, the U.S. Department of Commerce, and the U.S. Department of the Interior —are conducting a natural resource damage assessment (NRDA) to assess and restore those natural resources injured by PCBs.

In August-September 2003, the Trustees collected near-shore sediment samples and bullfrog (*Rana catesbeiana*) tadpoles from the Hudson River for contaminant analysis. This work was undertaken by the Trustees to assist in determining the extent to which bullfrog tadpoles and near-shore sediments in the Hudson River are currently contaminated with PCBs, and to determine if additional pathway and injury assessment studies focused on bullfrog or other amphibian species should be conducted as part of the Hudson River NRDA. Bullfrog tadpole composites and co-located sediment composites were collected from six study sites of known PCB contamination on the Hudson River between Bakers Falls and Schodack Island, and two reference sites.

The tadpole and sediment samples were analyzed for select PCB congeners, PCB homologue groups, total PCBs, percent lipids (tadpoles only), and percent organic carbon (sediments only). The total PCB concentrations (as sum of homologues) of tadpoles and sediments from the study sites ranged from 354 parts per billion (ppb) to 9,280 ppb and 2,640 ppb to 57,600 ppb, respectively. Tadpole and sediment PCB concentrations from reference sites were statistically different ($p<0.05$) than study sites and ranged from 15 ppb to 108 ppb and 508 ppb to 834 ppb, respectively. Tadpole and sediment PCB concentrations were well correlated among the sites ($R^2 = 0.89$).

The PCB congener composition of sediments from the study sites are dominated by lower chlorinated biphenyls and differ markedly from congener distributions in the reference sediments where the heavier molecular weight congeners are more prevalent. A similar trend was evident in tadpoles, with lower chlorinated compounds comprising the majority of the tissue residue in tadpoles from the six study sites.

1.0 INTRODUCTION

Past and continuing discharges of polychlorinated biphenyls (PCBs) have contaminated natural resources of the Hudson River. The Hudson River Natural Resource Trustees — New York State, the U.S. Department of Commerce, and the U.S. Department of the Interior – are conducting a natural resource damage assessment (NRDA) to assess and restore those natural resources injured by PCBs (Hudson River Natural Resource Trustees 2002a). This Data Report provides the results of a preliminary investigation of PCB contamination of a select Hudson River amphibian species conducted pursuant to the NRDA.

The Hudson River and its habitat support many species of amphibians. These animals spend a large part of their lives in contact with potentially contaminated substances – water, sediment and soil – and consume potentially contaminated prey. Bullfrogs (*Rana catesbeiana*) are an important part of the Hudson River food web. Bullfrogs are carnivorous and eat a variety of foods including insects, snakes, other frogs, birds and mammals. Frogs are an important link between trophic levels because they are important food sources for many other organisms such as herons, raccoons, snakes and other large predatory organisms. Frogs, however, play a unique role in connecting aquatic and terrestrial food webs. Bullfrogs start life as aquatic tadpoles, feeding on potentially contaminated plant and animal material in water. They subsequently metamorphose into air-breathing adults with an expanded habitat range and a more varied diet. During both life stages, bullfrogs provide a mechanism for transfer of PCBs to organisms within the aquatic ecosystem and terrestrial food web.

In August-September 2003, the Trustees collected near-shore sediment samples and bullfrog tadpoles from the Hudson River for contaminant analysis. This work was undertaken by the Trustees to assist in determining the extent to which bullfrog tadpoles and near-shore sediments in the Hudson River are currently contaminated with PCBs, and to determine if additional pathway and injury assessment studies focused on bullfrog or other amphibian species should be conducted as part of the Hudson River NRDA. This work may potentially be used to design future studies to assess the health of these animals in the Hudson River.

2.0 SAMPLING

2.1 SAMPLE COLLECTION AND PROCESSING

Collection and processing of tadpole and sediment samples were conducted in accordance with the Trustees' Sampling and Analysis Plan for the Collection of Bullfrog (*Rana catesbeiana*) Tadpoles and Near-Shore Sediment Samples from the Hudson River, New York (Appendix A) (Hudson River Natural Resource Trustees 2003a).

2.1.1 SAMPLING SITES

This preliminary investigation focused on four regions of the Hudson River between Hudson Falls, New York and Schodack Island, New York. Sediments and tadpoles were collected from these four geographic regions to provide samples from various portions of the river known to be contaminated by PCBs at various levels. These four regions are described below, and depicted on Figure 1. Figure 2a identifies the nine sampling sites and Figure 2b is a close up of the five sampling sites in Region 1.

Region 1: the area from Bakers Falls (at River Mile (RM) 196.9) downstream to the Fort Miller Dam (Lock 6) at RM 186.2. Sediments were collected from five sites in this region while tadpoles were collected from four of these five sites. One of the sites in Region 1 (Site 1) was a reference site located adjacent to the Hudson River (Figure 2)

Region 2: the area from the Fort Miller Dam (Lock 6) at RM 186.2 downstream to the Stillwater Dam (Lock 4) at RM 168.2. Sediments and tadpoles were collected from two sites in this region.

Region 3: the area below the Stillwater Dam (Lock 4) at RM 168.2 downstream to the Federal Dam at Troy (RM 153.9), excluding Troy and its urban vicinity (approximately from Peebles Island State Park downstream to the Federal Dam). Sediments and tadpoles were collected from one site in this region.

Region 4: the area below the Federal Dam at Troy (RM 153.9) extending south to Lower Schodack Island (RM 132), excluding Albany and its urban vicinity. Sediments and tadpoles were collected from one reference site away from the Hudson River.

Sample sites were identified using aerial photos and other maps, site-specific knowledge regarding the Hudson River, and existing contaminant data from the Hudson River. Areas with bullfrog tadpole habitat – identified as areas containing several acres of emergent marsh and aquatic vegetation located adjacent to open water — were identified, and then assessed for ease of access. Region 1 provided the most suitable habitat for bullfrog tadpoles, hence more sampling sites were located in this Region than in Regions 2 or 3. The Trustees looked extensively for bullfrog tadpoles within the Hudson River in Region 4 but did not locate any suitable sites.

Tadpole and sediment samples were also collected from two reference areas, one adjacent to the Hudson River and the other away from the Hudson River (Sites 1 and 9, respectively). Site 1, located in sampling Region 1, is a small marsh adjacent to the Hudson River and separated from the Hudson River by West River Road. The marsh is no more than ten meters from the Hudson River. Site 9 is located west of the Region 4 boundary, at Five Rivers Environmental Education Center in Delmar, New York.

Sampling Sites used in this preliminary investigation are as follows:

Site No.	Description
1	Reference Site – backwater off West River Road, west site of road, just north of Thompson Island Dam
2	Southern tip of Griffin Island
3	Backwater bay just south of Lock 6 at Fort Miller
4	East side of island; ¼ mile south of Lock 6 at Fort Miller
5	Wetland pond west/northwest of Lock 4 at Stillwater
6	½ mile north of Lock 4 at Stillwater
7	½ mile south of Thompson Island
8	Northeast of Quack Island, north of Lock 2
9	Reference Site – Goose Point at Five Rivers Environmental Education Center

2.1.2 HABITAT EVALUATION

For each site from which tadpoles or sediments were to be collected, a habitat evaluation was performed. The focus of this was to evaluate areas along the Hudson River for their suitability for amphibians and identify areas where sufficient numbers of amphibians live and/or breed for the purpose of identifying the location of potential future sites for amphibian injury studies. The habitat evaluation was accomplished in accordance with the Trustees' Standard Operating Procedure (SOP) for Habitat Evaluation (Appendix 1 to Appendix A).

2.1.3 TADPOLE COLLECTION, PROCESSING AND COMPOSITING

Collection of bullfrog tadpoles was attempted at each sample site where a habitat evaluation was conducted and tadpoles were found. Bullfrog tadpole collection was conducted as specified in the Trustees' Standard Operating Procedure for Tadpole Collection and Processing (Appendix 2 to Appendix A).

A total of 155 bullfrog tadpoles were collected from eight of the nine sites included in this preliminary investigation (no tadpoles were collected from Site 2). Tadpole samples were collected between August 20, 2003 and September 4, 2003.

Tadpole samples were subsequently processed and composited for chemical analysis as specified in that SOP and in the Trustees' Sampling and Analysis Plan for this preliminary investigation.

2.1.4 SEDIMENT COLLECTION AND COMPOSITING

Sediment collection and compositing was conducted as specified in the Trustees' Standard Operating Procedure for Sediment Collection (Appendix 3 to Appendix A).

One composite sediment sample was collected from each of the nine study sites. Sediment samples were collected between August 19, 2003 and September 4, 2003.

2.2 SAMPLE ANALYSIS

Chemical analyses were conducted pursuant to the Trustees' Analytical Quality Assurance Plan (Hudson River Natural Resource Trustees 2002b).

A total of 42 tadpole composites and nine sediment composites were submitted for analysis. The tadpole composites were analyzed in three laboratory analytical batches (0312035, 0312036, and 0312044), and the sediment composites were in a separate batch (0312034). One equipment rinsate blank was collected during the tadpole tissue homogenization process at the laboratory, and reported in analytical batch 0312088.

Tadpole samples were analyzed for 47 select PCB congeners (see Table 3), PCB homologues, total PCBs (as sum of homologues) and percent lipid. Sediment samples were analyzed for 47 select PCB congeners (see Table 3), PCB homologues, total PCBs (as sum of homologues), organic carbon content (%) and water content (%). The samples were prepared, extracted, and analyzed using laboratory SOPs approved by the Trustees prior to sample receipt.

Sample analysis began on December 12, 2003, and concluded on January 29, 2004.

2.3 QUALITY ASSURANCE/QUALITY CONTROL

Data validation was based on the quality assurance/quality control (QA/QC) criteria documented in the Trustees' Analytical Quality Assurance Plan (Hudson River Natural Resource Trustees 2002b), U.S. Environmental Protection Agency (USEPA) (1999), and the following laboratory SOPs:

- SOP # HR NRDA Project Tissue Prep: Tissue Preparation and Homogenization, Revision #1.0, 9/25/02
- SOP # OP-004: Extraction of Soil, Tissue, Vegetation, and Sediment by Pressurized Fluid Extraction, Revision #2.0, 8/15/02
- SOP # O-010: Determination of PCB Homologues and Individual Congeners by GC/MS - SIM, Revision # 2.2, 10/24/02
- SOP # HR NRDA % Lipids: Percent Lipids Determination, Revision # 0.0, 9/9/02
- SOP # W-001: Percent Solids Determination, Revision # 2.1, 9/25/02
- SOP # W-028: Total Organic Carbon in Soil, Sediment and Water, Revision # 2.0, 1/22/03
- SOP # W-029: Particle Size Analysis of Soils - with and without Hydrometer, and Liquid Limit, Plastic Limit and Plasticity Index, Draft, 1/16/04
- Additional cleanup, sample handling, storage, custody SOPs as necessary.

A SRM was extracted and analyzed with each analytical batch. The SRM selected for the tadpole tissue composites was 1974b - Organics in Mussel Tissue. This SRM has certified values for 27 PCB congeners. One SRM analysis was submitted with each laboratory batch, so a total of three SRM analyses (with 27 certified values each, for a total of 81 data points) were performed. The SRM selected for the sediment analyses was 1944 - New York/New Jersey Waterway Sediment. This SRM has certified values for 28 of the target PCB congeners. One SRM analysis was submitted, for a total of 28 data points.

Sample results and related QC data were received in both an electronic and hard copy format. Electronic data were verified against the hard copy data package. One tadpole composite package and the sediment data package received full validation; the other packages received summary validation.

The following QC elements were reviewed for data packages undergoing summary validation:

- Analytical holding times
- Chain of custody and sample handling
- GC/MS tune verification (from summary forms)
- Method blank contamination (from summary forms)
- Initial and continuing calibration (from summary forms)
- Rinsate blank contamination (from sample result summaries)
- Analytical accuracy: surrogates, matrix spike samples, laboratory control samples, and standard reference material results (from summary forms)
- Analytical precision: laboratory duplicate samples (from summary forms)
- Internal standard areas (from summary forms)
- Reported detection limits (from sample result summaries)

Full validation included review of all the items listed above for summary validation, plus the following QC elements:

- Compound identification (from raw data)
- Compound quantitation, transcription and calculation checks performed at a frequency of 10% from raw data. If an error was noted, 100% of the calculations and transcriptions for that data set were verified.

The data package submitted by the laboratory was reviewed to determine whether the analytical data quality objectives (ADQO) specified in Tables 6.1a - 6.1c in the Analytical Quality Assurance Plan (Hudson River Natural Resource Trustees 2002b) were met.

Table 1.1 of the Trustees' Analytical Quality Assurance Plan (Hudson River Natural Resource Trustees, 2002b) specifies the target Method Detection Limits (MDLs) for PCB congeners, homologues and total PCBs. For tissue, such as bullfrog tissue composites, the target MDLs are 0.1 ng/g wet weight (equivalent to 0.1 ppb wet weight) for individual congeners, and 10 ng/g (equivalent to 10 ppb) for PCB homologues and total PCBs. Actual MDLs for each PCB analyte were established by the analytical laboratory as specified in the Analytical Quality Assurance Plan. Actual MDLs are reported on the Data Sheets (Appendices C and D) in the "Detection Limit" column.

Appendix B contains the Data Quality Assessment Report (Hudson River Natural Resource Trustees 2004a) for the samples. Tables 1A, 1B, and 1C of Appendix B summarize the SRM results for this preliminary investigation.

Out of 3027 results reported by the laboratory (51 samples each with 47 congeners, 10 homologue groups, and total PCBs; percent lipids for the tadpole composites; percent moisture, grain size, and total organic carbon for the sediments), a total of 86 (2.8%) data points were estimated (J). No data were rejected. The completeness level attained for the analysis of the field samples is 100%.

3.0 RESULTS

The Tadpole Data Sheets (Appendix C) and Sediment Data Sheets (Appendix D) provide the results of the analyses.

These Data Sheets contain information that has been extracted from the Trustees' Tadpole and Sediment Database (Hudson River Natural Resource Trustees 2003b). That complete database and the accompanying Database User Manual (Hudson River Natural Resource Trustees 2004b) are not included in this report due to the size of the database, but will be made available upon request.

The Tadpole Data Sheets and Sediment Data Sheets contain the following fields:

Sampling Date – Sampling Date (mm/dd/yy format).

Field ID –

For the Tadpole Data Sheets, the field IDs were created using the following format:

BTC-001-001

where "BTC" refers to bullfrog tadpole composite. The first set of three digits refers to the unique site number from which the tadpole was collected, and the second set of three digits refers to the unique composite number. For example, BTC-001-001 indicates a bullfrog tadpole composite sample from Site 1 and that it is the first composite sample from that site.

For the Sediment Data Sheets, the field IDs were created using the following format:

SED-001

where "SED" refers to sediment. The set of three digits refers to the unique site number from which the sediments were collected. For example, SED-001 indicates a sediment sample (composite) from Site 1.

Easting – NAD83 Universal Transverse Mercator easting coordinates (meters) Zone 18N.

Northing – NAD83 Universal Transverse Mercator northing coordinates (meters) Zone 18N.

Site Number – as noted on Figure 2.

Laboratory ID – Laboratory IDs were created using the following format:
Sample delivery group – run sequence number (e.g., 0208031-01).

Analyte – For the PCB congeners, the analyte names are reported using the following format:

Clx-BZ#NNN

where Clx refers to the chlorination level, BZ# refers to the Ballschmiter and Zell (1994) number, and NNN is the congener number. For example, PCB 110 (a pentachlorinated biphenyl) is reported as Cl5-BZ#110.

Value, Interpretive Qualifier and Units –

Value – Analytical result (3 significant figures).

Interpretive Qualifier - This field contains qualifiers applied to each data point by the laboratory and after the data validation process. The qualifiers are defined as follows:

U Analyte was not detected. The associated value represents the detection limit.

J Estimated: The associated numerical value is an estimated quantity. The analyte was detected, but the reported value may not be accurate or precise. The "J" qualification indicates the data fell outside the QC limits, but the exceedance was not sufficient to cause rejection of the data.

UJ Estimated/Not detected: An analysis was performed for the compound or analyte, but it was not detected and the sample quantitation or detection limit may be inaccurate or imprecise. The associated numerical result is the detection limit.

J Estimated: The associated numerical value is an estimated quantity. The analyte was detected, but the reported value may not be accurate or precise. The "J" qualification indicates the data fell outside the QC limits, but the exceedance was not sufficient to cause rejection of the data.

UJ Estimated/Not detected: An analysis was performed for the compound or analyte, but it was not detected and the sample quantitation or detection limit may be inaccurate or imprecise. The associated numerical result is the detection limit.

NJ Tentatively Identified/Estimated: The analyte was tentatively identified and the associated numerical value is an estimated quantity.

Reasons for qualification are explained further in the Data Quality Assessment Report (Appendix B).

Units - The unit of measurement of the analytical result is provided (for example, µg/kg).

Detection Limit – self-explanatory; this column includes units.

A brief description of some of the features of these data follows in sections 3.1 and 3.2 of this Data Report. Please note that the unit "µg/kg" used in the Data Sheets is equivalent to parts per billion (ppb) used in the discussion of these data in this Data Report.

Data fields, and data collected by the Trustees, that are not reported in this Data Report but that are contained within the Trustees' Tadpole and Sediment Database consist of the following: Analytical Batch, Laboratory Flag, Data Validation Qualifier, Data Validation Qualifier Reason Code, Analysis Group, Analytical Method, Matrix, Extraction Date, Analysis Date, Dilution Factor, Sample Size and Units, Sampling Interval for sediment samples, Sample Description for sediment samples, Biota Type, and Number of Tadpoles in a composite sample.

For the purpose of reporting PCB results below and in the figures attached to this report, all values flagged with either a U or UJ qualifier (that is, not detected; see Appendix B) were considered to be zero. Using zero, rather than the value reported by the laboratory for the analyte, which represents the detection limit for the analysis, potentially underreports the true value, but avoids overreporting the true value. This is thus a conservative result; the actual PCB concentration could be higher.

3.1 Total PCB Concentrations

Total PCB concentrations in tadpole samples from the Hudson River sites range from 354 ppb to 9,280 ppb (wet weight basis) (Table 1; Figure 4). Total PCB concentrations in sediment samples from the Hudson River sites range from 2,640 ppb to 57,600 ppb (wet weight basis) (Table 2; Figure 3).

Table 1. Summary of Total PCBs (as sum of homologues, wet weight basis) in Tadpole Composite Samples

Sampling Site	Number of composited samples	PCB Conc. Range (ppb)	Conc. Average ±1 Std. Dev. (ppb)
Site 1 (Reference Site)	7	48 - 108	80 ± 22
Site 2	None collected	--	--
Site 3	4	501 - 4,000	1,710 ± 1,600
Site 4	5	2,500 - 9,280	4,810 ± 2,620
Site 5	5	354 - 1,070	607 ± 289
Site 6	6	559 - 1,730	1,017 ± 404
Site 7	4	2,190 - 7,680	3,940 ± 2,540
Site 8	6	823 - 1,570	1,060 ± 319
Site 9 (Reference Site)	5	15 - 97	40 ± 33

Table 2. Summary of Total PCBs (as sum of homologues, dry weight basis) in Sediment Composite Samples

Sampling Site	PCB Concentration (ppb)
Site 1 (Reference Site)	834
Site 2	7,880
Site 3	6,880
Site 4	48,900
Site 5	5,820
Site 6	2,640
Site 7	57,600
Site 8	4,550
Site 9 (Reference Site)	508

PCB concentrations in tadpoles display a generally decreasing, downstream concentration gradient with PCB concentrations decreasing downstream from Site 7 near Schuylerville to Site 8 near Mechanicville (Figure 4). Tadpoles from the reference sites (Sites 1 and 9) possess PCB body burdens, on average, an order of magnitude or more lower than tadpoles collected from the study sites (Figure 4). While there is no obvious relationship between tadpole PCB concentrations and lipid content or sediment PCB concentrations and organic carbon content (Figure 5), tadpole PCB body burdens were well correlated with their respective sediment concentrations (Figure 6).

3.2 PCB Homologues and Congeners

PCBs are synthetic (man-made) chemicals that form a group of 209 individual compounds that have similar chemical structures based on a biphenyl core with 1 to 10 chlorine atoms attached. PCBs have the generic formula $C_{12}H_{(10-x)}Cl_x$, where x is an integer from 1 to 10. Each individual PCB compound, called a congener, is identified by the unique number and location of chlorine atoms that attach to the compound's base structure. Congeners differ both in their physical properties and in their effects on fish and wildlife (Safe 1994; Van den Berg et al. 1998).

For this investigation, the tadpoles and sediments were analyzed for 47 specific target PCB congeners listed in Table 3. In addition, a total concentration for each homologue group was determined by summing all target and non-target congener concentrations within each homologue group. For any congener reported as non-detected, zero was used in the summation.

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Table 3. PCB Congener Analytes

Current Ballschmiter and Zell (1994) and IUPAC Number	IUPAC Name
8	2,4'-Dichlorobiphenyl
18	2,2',5-Trichlorobiphenyl
28/31	2,4,4'-Trichlorobiphenyl/2,4',5-Trichlorobiphenyl
44	2,2',3,5'-Tetrachlorobiphenyl
45	2,2',3,6-Tetrachlorobiphenyl
47	2,2',4,4'-Tetrachlorobiphenyl
49	2,2',4,5'-Tetrachlorobiphenyl
52	2,2',5,5'-Tetrachlorobiphenyl
56	2,3,3',4'-Tetrachlorobiphenyl
66	2,3',4,4'-Tetrachlorobiphenyl
70	2,3',4',5-Tetrachlorobiphenyl
74	2,4,4',5-Tetrachlorobiphenyl
77	3,3',4,4'-Tetrachlorobiphenyl
81	3,4,4',5-Tetrachlorobiphenyl
87	2,2',3,4,5'-Pentachlorobiphenyl
95	2,2',3,5',6-Pentachlorobiphenyl
99	2,2',4,4',5-Pentachlorobiphenyl
101	2,2',4,5,5'-Pentachlorobiphenyl
105	2,3,3',4,4'-Pentachlorobiphenyl
110	2,3,3',4',6-Pentachlorobiphenyl
114	2,3,4,4',5-Pentachlorobiphenyl
118	2,3',4,4',5-Pentachlorobiphenyl
123	2,3',4,4',5'-Pentachlorobiphenyl
126	3,3',4,4',5-Pentachlorobiphenyl
128	2,2',3,3',4,4'-Hexachlorobiphenyl
138	2,2',3,4,4',5'-Hexachlorobiphenyl
146	2,2',3,4',5,5'-Hexachlorobiphenyl
149	2,2',3,4',5',6-Hexachlorobiphenyl
151	2,2',3,5,5',6-Hexachlorobiphenyl
153	2,2',4,4',5,5'-Hexachlorobiphenyl
156	2,3,3',4,4',5-Hexachlorobiphenyl
157	2,3,3',4,4',5'-Hexachlorobiphenyl
158	2,3,3',4,4',6-Hexachlorobiphenyl
167	2,3',4,4',5,5'-Hexachlorobiphenyl
169	3,3',4,4',5,5'-Hexachlorobiphenyl
170	2,2',3,3',4,4',5-Heptachlorobiphenyl
174	2,2',3,3',4,5,6'-Heptachlorobiphenyl
177	2,2',3,3',4,5',6'-Heptachlorobiphenyl
180	2,2',3,4,4',5,5'-Heptachlorobiphenyl
183	2,2',3,4,4',5',6-Heptachlorobiphenyl
187	2,2',3,4',5,5',6-Heptachlorobiphenyl
189	2,3,3',4,4',5,5'-Heptachlorobiphenyl
194	2,2',3,3',4,4',5,5'-Octachlorobiphenyl
195	2,2',3,3',4,4',5,6-Octachlorobiphenyl
201	2,2',3,3',4,5',6,6'-Octachlorobiphenyl
206	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl
209	Decachlorobiphenyl

Table 3. PCB Congener Analytes

Current Ballschmiter and Zell (1994) and IUPAC Number	IUPAC Name
8	2,4'-Dichlorobiphenyl
18	2,2',5-Trichlorobiphenyl
28/31	2,4,4'-Trichlorobiphenyl/2,4',5-Trichlorobiphenyl
44	2,2',3,5'-Tetrachlorobiphenyl
45	2,2',3,6-Tetrachlorobiphenyl
47	2,2',4,4'-Tetrachlorobiphenyl
49	2,2',4,5'-Tetrachlorobiphenyl
52	2,2',5,5'-Tetrachlorobiphenyl
56	2,3,3',4'-Tetrachlorobiphenyl
66	2,3',4,4'-Tetrachlorobiphenyl
70	2,3',4',5-Tetrachlorobiphenyl
74	2,4,4',5-Tetrachlorobiphenyl
77	3,3',4,4'-Tetrachlorobiphenyl
81	3,4,4',5-Tetrachlorobiphenyl
87	2,2',3,4,5'-Pentachlorobiphenyl
95	2,2',3,5',6-Pentachlorobiphenyl
99	2,2',4,4',5-Pentachlorobiphenyl
101	2,2',4,5,5'-Pentachlorobiphenyl
105	2,3,3',4,4'-Pentachlorobiphenyl
110	2,3,3',4',6-Pentachlorobiphenyl
114	2,3,4,4',5-Pentachlorobiphenyl
118	2,3',4,4',5-Pentachlorobiphenyl
123	2,3',4,4',5'-Pentachlorobiphenyl
126	3,3',4,4',5-Pentachlorobiphenyl
128	2,2',3,3',4,4'-Hexachlorobiphenyl
138	2,2',3,4,4',5'-Hexachlorobiphenyl
146	2,2',3,4',5,5'-Hexachlorobiphenyl
149	2,2',3,4',5',6-Hexachlorobiphenyl
151	2,2',3,5,5',6-Hexachlorobiphenyl
153	2,2',4,4',5,5'-Hexachlorobiphenyl
156	2,3,3',4,4',5-Hexachlorobiphenyl
157	2,3,3',4,4',5'-Hexachlorobiphenyl
158	2,3,3',4,4',6-Hexachlorobiphenyl
167	2,3',4,4',5,5'-Hexachlorobiphenyl
169	3,3',4,4',5,5'-Hexachlorobiphenyl
170	2,2',3,3',4,4',5-Heptachlorobiphenyl
174	2,2',3,3',4,5,6'-Heptachlorobiphenyl
177	2,2',3,3',4,5',6'-Heptachlorobiphenyl
180	2,2',3,4,4',5,5'-Heptachlorobiphenyl
183	2,2',3,4,4',5',6-Heptachlorobiphenyl
187	2,2',3,4',5,5',6-Heptachlorobiphenyl
189	2,3,3',4,4',5,5'-Heptachlorobiphenyl
194	2,2',3,3',4,4',5,5'-Octachlorobiphenyl
195	2,2',3,3',4,4',5,6-Octachlorobiphenyl
201	2,2',3,3',4,5',6,6'-Octachlorobiphenyl
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45	2,2',3,6-Tetrachlorobiphenyl
47	2,2',4,4'-Tetrachlorobiphenyl
49	2,2',4,5'-Tetrachlorobiphenyl
52	2,2',5,5'-Tetrachlorobiphenyl
56	2,3,3',4'-Tetrachlorobiphenyl
66	2,3',4,4'-Tetrachlorobiphenyl
70	2,3',4',5-Tetrachlorobiphenyl
74	2,4,4',5-Tetrachlorobiphenyl
77	3,3',4,4'-Tetrachlorobiphenyl
81	3,4,4',5-Tetrachlorobiphenyl
87	2,2',3,4,5'-Pentachlorobiphenyl
95	2,2',3,5',6-Pentachlorobiphenyl
99	2,2',4,4',5-Pentachlorobiphenyl
101	2,2',4,5,5'-Pentachlorobiphenyl
105	2,3,3',4,4'-Pentachlorobiphenyl
110	2,3,3',4',6-Pentachlorobiphenyl
114	2,3,4,4',5-Pentachlorobiphenyl
118	2,3',4,4',5-Pentachlorobiphenyl
123	2,3',4,4',5'-Pentachlorobiphenyl
126	3,3',4,4',5-Pentachlorobiphenyl
128	2,2',3,3',4,4'-Hexachlorobiphenyl
138	2,2',3,4,4',5'-Hexachlorobiphenyl
146	2,2',3,4',5,5'-Hexachlorobiphenyl
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74	2,4,4',5-Tetrachlorobiphenyl
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81	3,4,4',5-Tetrachlorobiphenyl
87	2,2',3,4,5'-Pentachlorobiphenyl
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99	2,2',4,4',5-Pentachlorobiphenyl
101	2,2',4,5,5'-Pentachlorobiphenyl
105	2,3,3',4,4'-Pentachlorobiphenyl
110	2,3,3',4',6-Pentachlorobiphenyl
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FIGURES

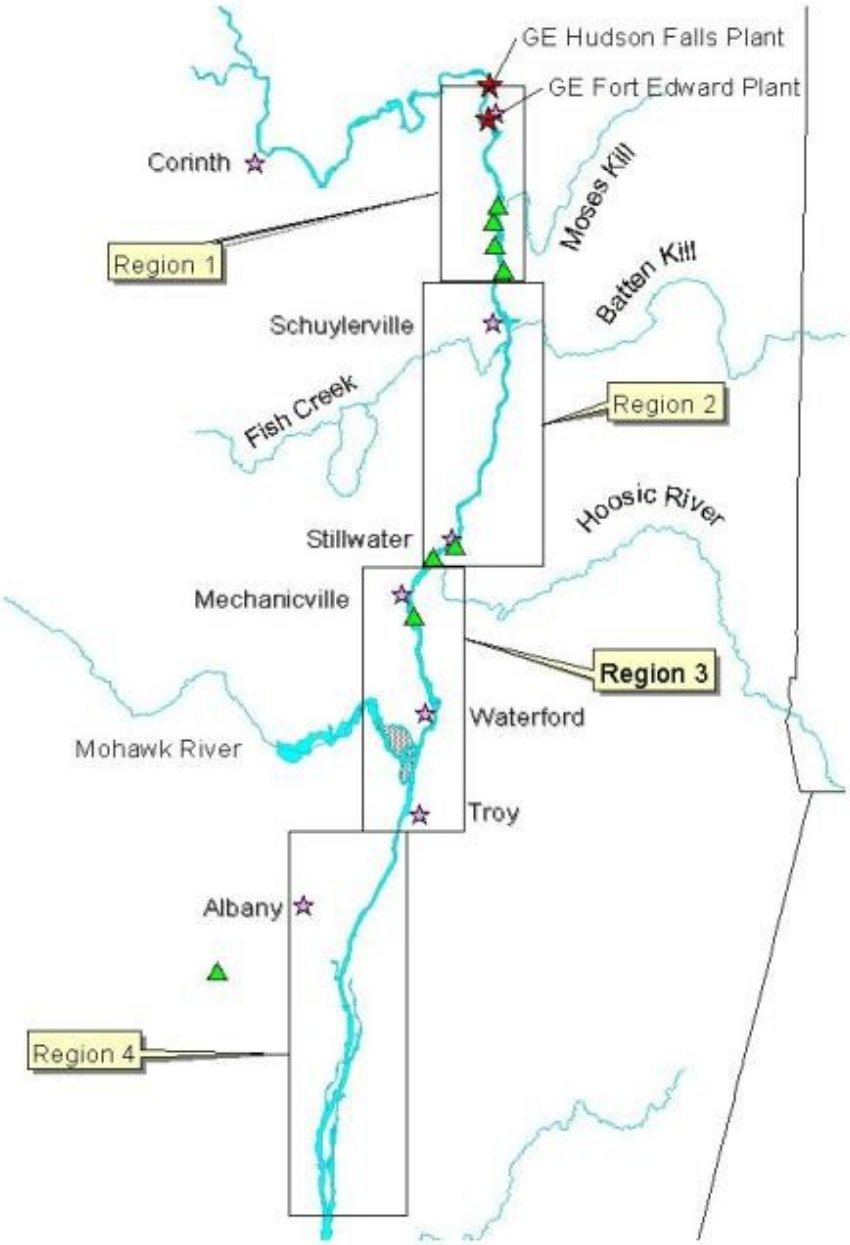

Figure 1. Sediment and Bullfrog Tadpole Survey Sampling Regions

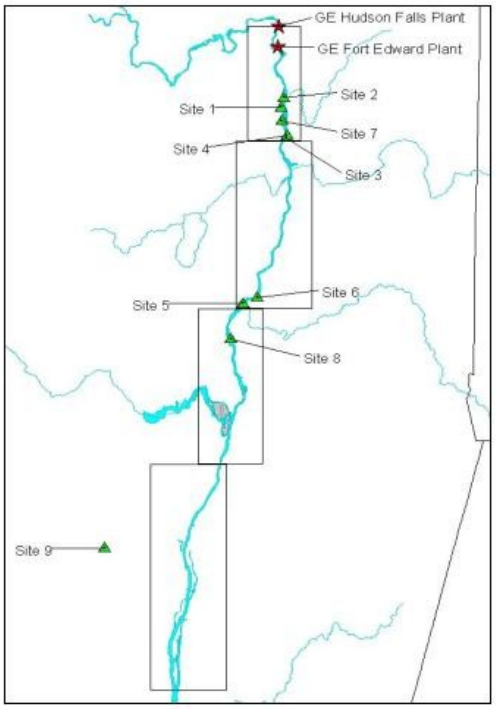

Figure 2a. Sediment and Tadpole Sampling Sites

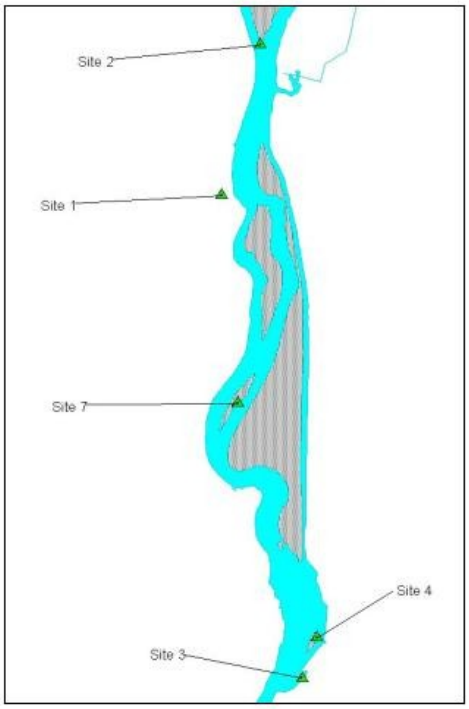

Figure 2b. Region 1 Sampling Sites

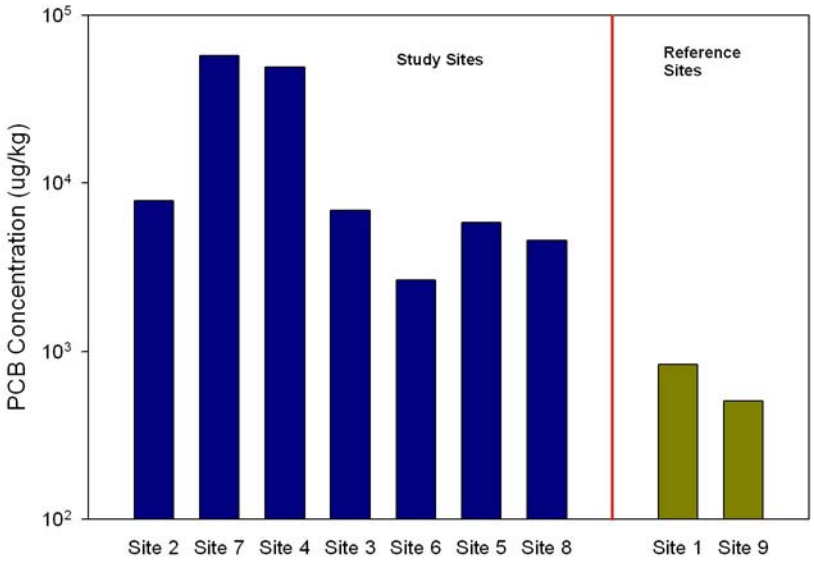

Figure 3. Sediment total PCB concentrations by site

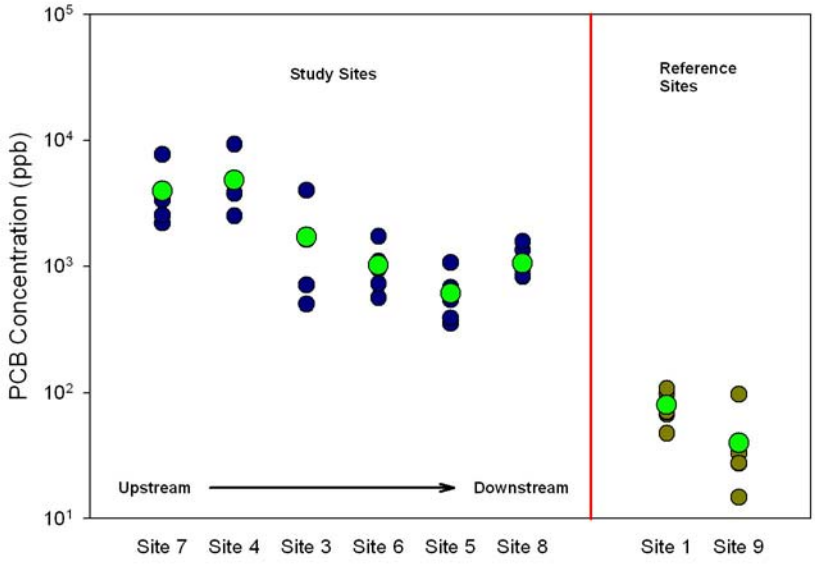

Figure 4. Bullfrog tadpole total PCB concentrations by sampling site (small dots represent composited samples, large green dot represents site average concentration)

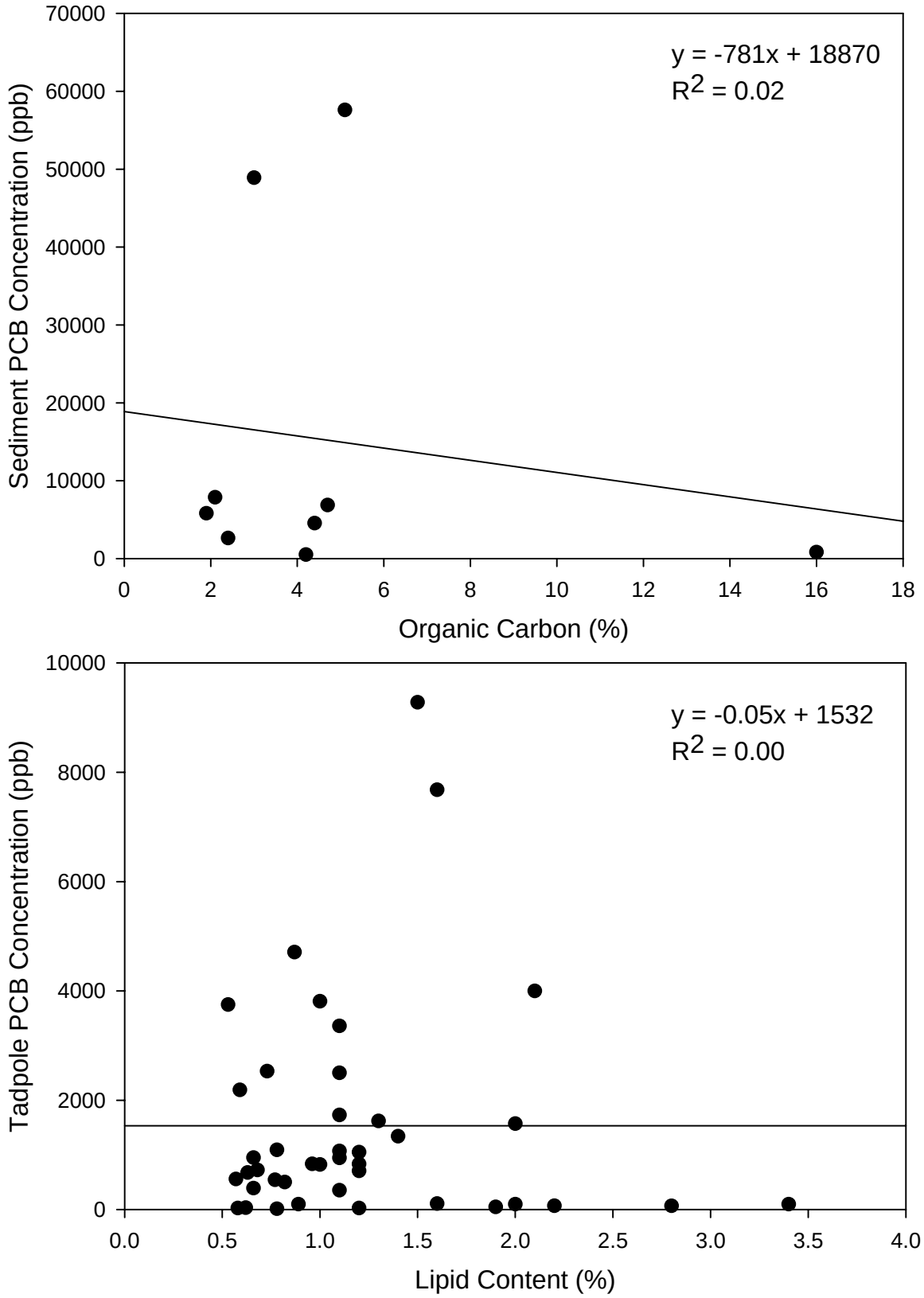

Figure 5. Sediment organic carbon vs PCB concentration and tadpole lipid content vs PCB concentration

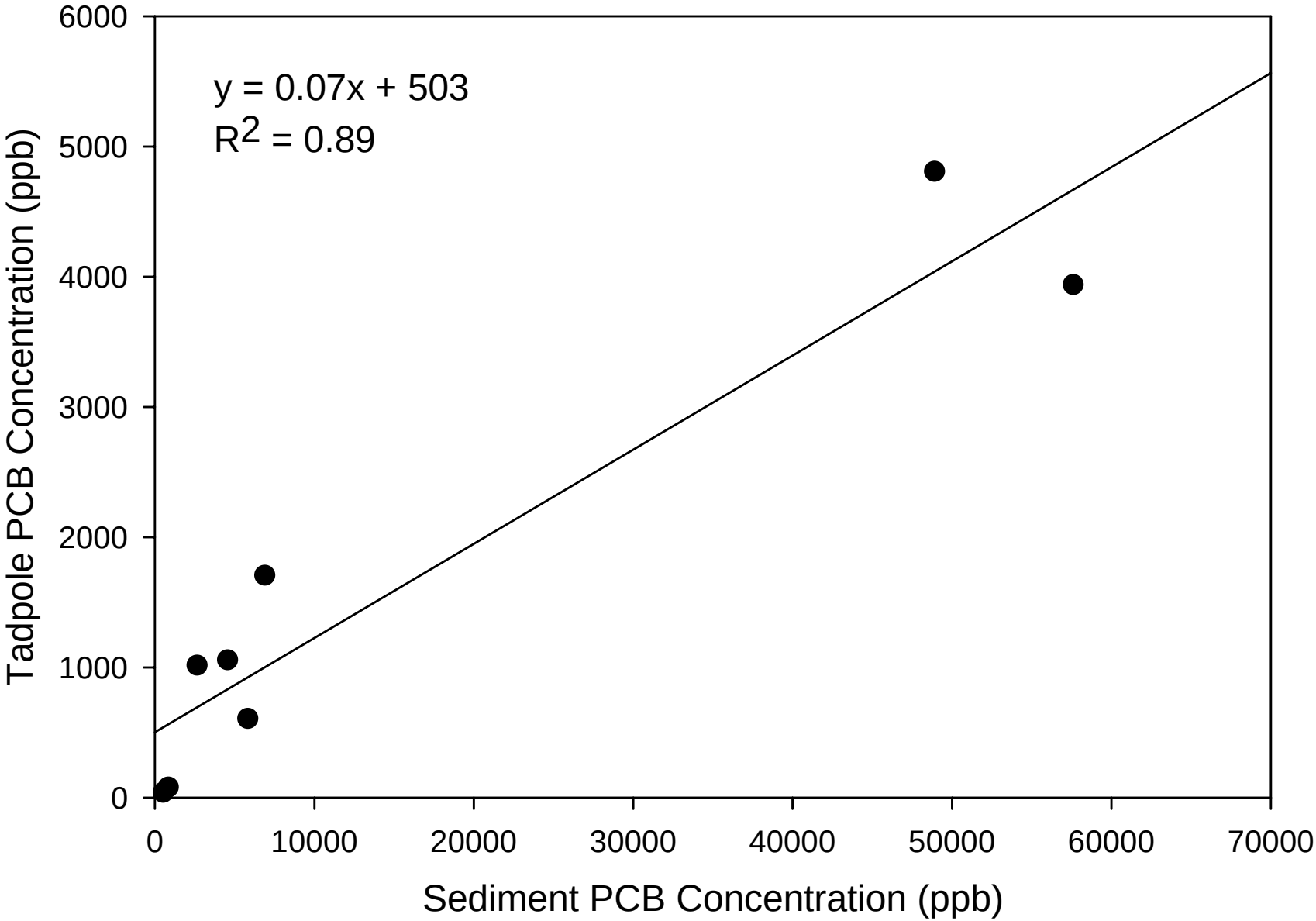

Figure 6. Sediment PCB concentrations vs average co-located tadpole PCB concentrations

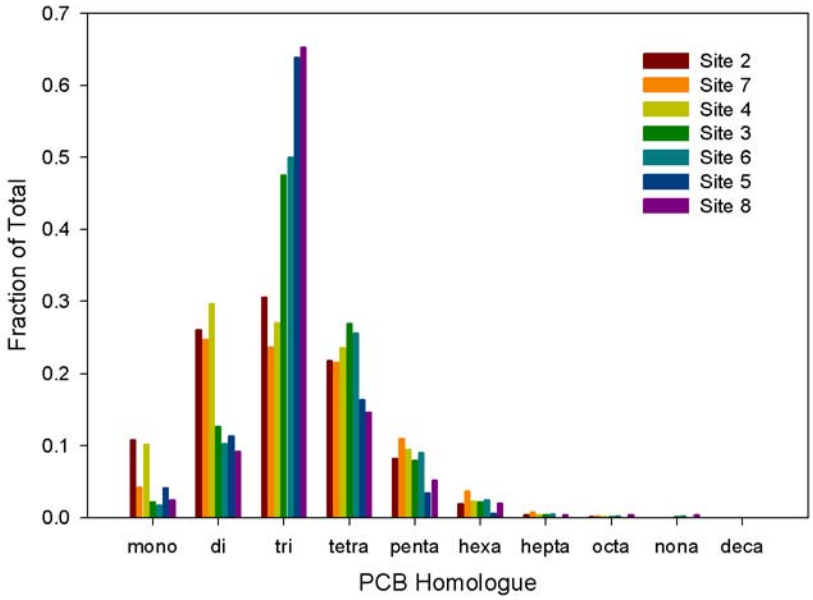

Figure 7. Study site sediment PCB homologue distributions

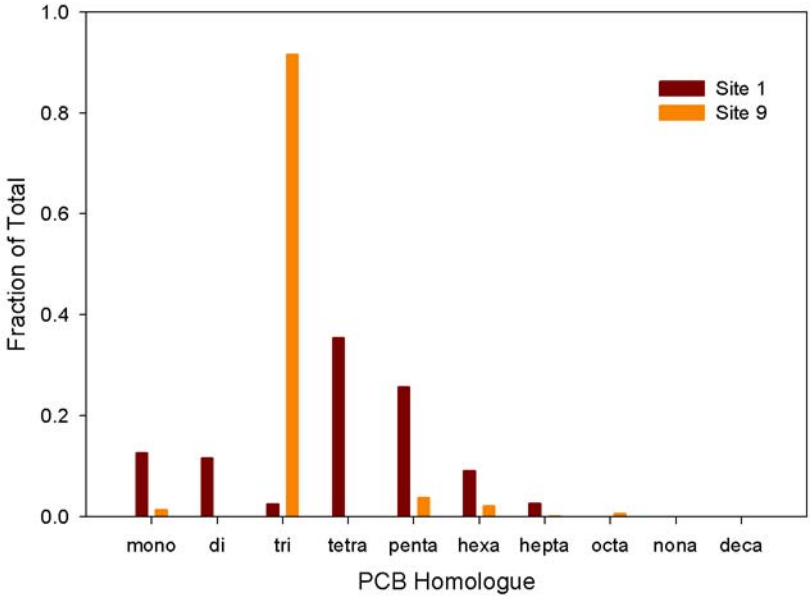

Figure 8. Reference site sediment PCB homologue distributions

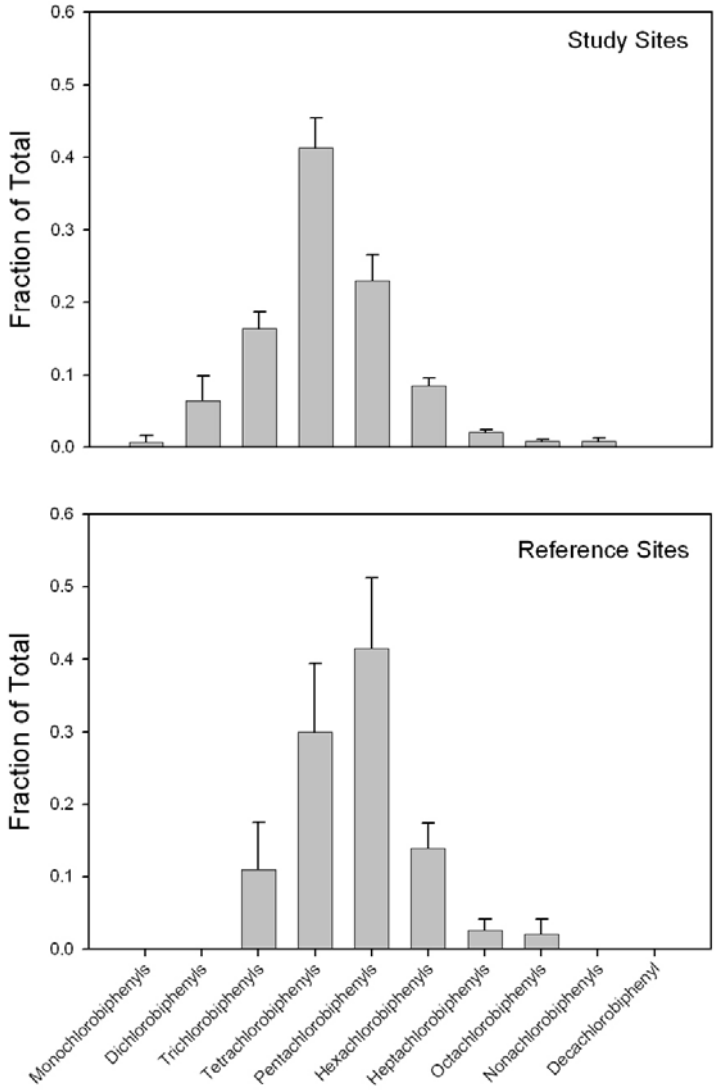

Figure 9. Average study and reference site tadpole homologue distributions (normalized to total).

Appendix A

Sampling and Analysis Plan for the Collection of Bullfrong *(Rana catesbeiana)* Tadpoles and Near-Shore Sediment Samples from the Hudson River, New York.

Preliminary Investigation

Sampling and Analysis Plan for the Collection of Bullfrog (*Rana catesbeiana*) Tadpoles and Near-Shore Sediment Samples from the Hudson River, New York

FINAL

August 11, 2003

Hudson River Natural Resource Damage Assessment

_____

Investigation Lead

_____

Quality Assurance Coordinator

INVESTIGATION TEAM ACKNOWLEDGEMENT OF SAMPLING AND ANALYSIS PLAN REVIEW AND COMPLIANCE

By my signature, I acknowledge that I have read this Sampling and Analysis Plan and understand it, and will comply with it in performing this work.

Name (printed): _____ Name (printed): _____

Signature: _____ Signature: _____

Date: _____ Date: _____

Title: _____ Title: _____

Name (printed): _____ Name (printed): _____

Signature: _____ Signature: _____

Date: _____ Date: _____

Title: _____ Title: _____

Name (printed): _____ Name (printed): _____

Signature: _____ Signature: _____

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1.0 INTRODUCTION

The General Electric Company discharged from its capacitor manufacturing operations at its Hudson Falls and Ford Edward, New York facilities as much as 1.33 million pounds of polychlorinated biphenyls (PCBs) into the Hudson River from the 1940s through 1977 (USEPA 2002). These PCBs have been detected in the sediment, water, and biota of the Hudson River at levels of potential ecological concern (TAMS Consultants, Inc. and Menzie-Cura & Associates, Inc. 2000). Elevated PCB levels in Hudson River floodplain soils have also been documented (SEA Consultants, Inc. 2002).

As a result of the contamination of the Hudson River ecosystem with PCBs, the Hudson River Natural Resource Trustees (Trustees) are conducting a natural resource damage assessment (NRDA) of the Hudson River. The Trustees are the State of New York, acting through the New York State Department of Environmental Conservation (NYSDEC), the U.S. Department of the Interior (DOI), acting through the Fish and Wildlife Service and the National Park Service, and the U.S. Department of Commerce acting through the National Oceanic and Atmospheric Administration (NOAA).

This Sampling and Analysis Plan (SAP) is for collection and contaminants analysis of tadpoles of the bullfrog (*Rana catesbeiana*) and near-shore sediment samples from the Hudson River, and characterization of amphibian habitats along the Hudson River. This work will be undertaken by the Trustees to assist the Trustees in determining the extent to which bullfrog tadpoles and near-shore sediments in the Hudson River are currently contaminated with PCBs, and to determine if additional pathway and injury assessment studies focused on bullfrog tadpoles or other amphibian species should be conducted as part of the Hudson River NRDA

This preliminary investigation will provide information that is key to the design of potential future amphibian injury studies. It will facilitate the selection of appropriate study sites for such an injury study, if appropriate. It will provide us knowledge of breeding areas for species of interest, and qualitative information regarding presence and abundance of such species, at different areas of the Hudson River. Information collected in this investigation will also have utility in pathway work, determination of ecological losses, and restoration planning.

Bullfrog tadpoles are connected to other Hudson River species through the food web. Tadpoles are food for migratory birds, including kingfishers. They are also consumed by other Hudson River species, such as fish and other amphibians, which are prey for other biota, including larger migratory birds. This work will assist the Trustees in determining the extent to which amphibians are a pathway of exposure and injury to other biological resources.

The bullfrog is a species which is common in the Hudson River. Tadpoles can be collected with relative ease, and are expected to be relatively abundant. It is a species which is expected to be exposed to PCBs from the Hudson River. Exposure of bullfrog tadpoles to PCBs could be high because it has a tadpole stage extending over two summers, and the feeding habits of tadpoles (*i.e.*, grazing on algae and detritus at the sediment-water interface) may contribute to high sediment exposure.

The objectives of this investigation are to:

- characterize amphibian habitat in the Hudson River between Bakers Falls and Lower Schodack Island;

- collect bullfrog tadpole samples and near-shore sediment samples from about 40 sites on the Hudson River (main stem and/or adjacent areas anticipated to be potentially impacted by Hudson River contamination) and from about 10 additional reference sites;

- and, process the tadpoles for subsequent chemical analyses. Sediment samples will also be analyzed.

The goal of this investigation is to collect paired tadpole and sediment samples from each of four geographic regions within the study area (the Upper Hudson River and the upper portion of the Lower Hudson River) to provide a balanced sample amongst various portions of the river, and from a fifth region that will be a reference area. The goal of this investigation is to collect about 10 paired tadpole and sediment samples from within each of these five areas, thus collection of a maximum of about 50 tadpole samples and 50 sediment samples is planned. However, it may not be possible to collect paired tadpole and sediment samples from all sites, nor to collect samples in this proposed geographic distribution.

The four areas of known contamination that are the subject of this preliminary investigation can be approximately described as follows:

> Region 1: the area from Bakers Falls (at River Mile (RM) 196.9) downstream to the Fort Miller Dam (Lock 6) at RM 186.2 (Champlain Canal); this includes the Thompson Island Pool.
>
> Region 2: the area from the Fort Miller Dam (Lock 6) at RM 186.2 downstream to the Stillwater Dam (Lock 4) at RM 168.2; this includes the Stillwater Pool.
>
> Region 3: the area below the Stillwater Dam (Lock 4) at RM 168.2 downstream to the Federal Dam at Troy (RM 153.9), excluding Troy and its urban vicinity (approximately from Peebles Island State Park downstream to the Federal Dam).
>
> Region 4: the area below the Federal Dam at Troy (RM 153.9) extending south to Lower Schodack Island (RM 132), excluding Albany and its urban vicinity.

Additionally, there will be a reference area (Region 5). The reference area will be located in the Hudson River upstream of Region 1 or in another appropriate location.

2.0 METHODS

In this section of the SAP, the methods that will be used to identify potential sample sites, conduct the habitat evaluation, and collect tadpole and sediment samples to be submitted for chemical analysis are discussed.

Identification of Potential Sample Sites

Prior to mobilizing for field survey, potential sample sites will be identified using aerial photos and other maps, site-specific knowledge of case team members and other knowledgeable individuals regarding the Hudson River, and existing contaminant data from the Hudson River. Areas with several acres of emergent marsh and aquatic vegetation located adjacent to open water will be identified. These areas will then be screened for ease of access. Sites with suitable habitat and easy access will be identified as potential sample sites. If more than the specified number of potential sample sites are pre-identified, then those sites will be prioritized for survey work based upon factors such as ease of access, likelihood of meeting project goals, and geographic relationship to other potential sample sites.

The focus of this effort will be on publicly owned land or on private property where landowner permission for access has already been obtained, or where the sample site can be accessed via boat. Where access over private property is needed, the landowner will be contacted by the Investigation Lead or his designee for permission to access the property. Such contacts will include a combination of methods, including phone calls, letters, and personal contact.

Figure 1 (page 4) notes potential sites for collection of tadpole and sediment samples identified to date. More sites may be added as the work progresses, particularly to address geographic areas not shown on Figure 1.

Habitat Evaluation

For each potential sample site from which tadpoles or sediments may be collected, a habitat evaluation will be performed. The focus of this is to evaluate areas along the Hudson River for their suitability for amphibians and identify areas where sufficient numbers of amphibians live and/or breed for the purpose of identifying the location of potential future sites for amphibian injury studies. The habitat evaluation will be accomplished in accordance with the Standard Operating Procedure (SOP) for Habitat Evaluation (Appendix 1). This includes documentation of habitat characterizations on a Habitat Evaluation Data Sheet and documentation of opportunistic visual or auditory observations of amphibians. Habitat evaluation will be conducted on sites along the main stem of the Hudson River which are anticipated to provide habitat for amphibians (but at which bullfrog tadpoles may not necessarily be found), as well as more protected areas that may not be on the main stem of the Hudson where it is anticipated that bullfrog tadpoles may be found. Identification of species of interest will be accomplished with the use of appropriate field guides, other documents, and sound recordings, including Hunter et al. (1999).

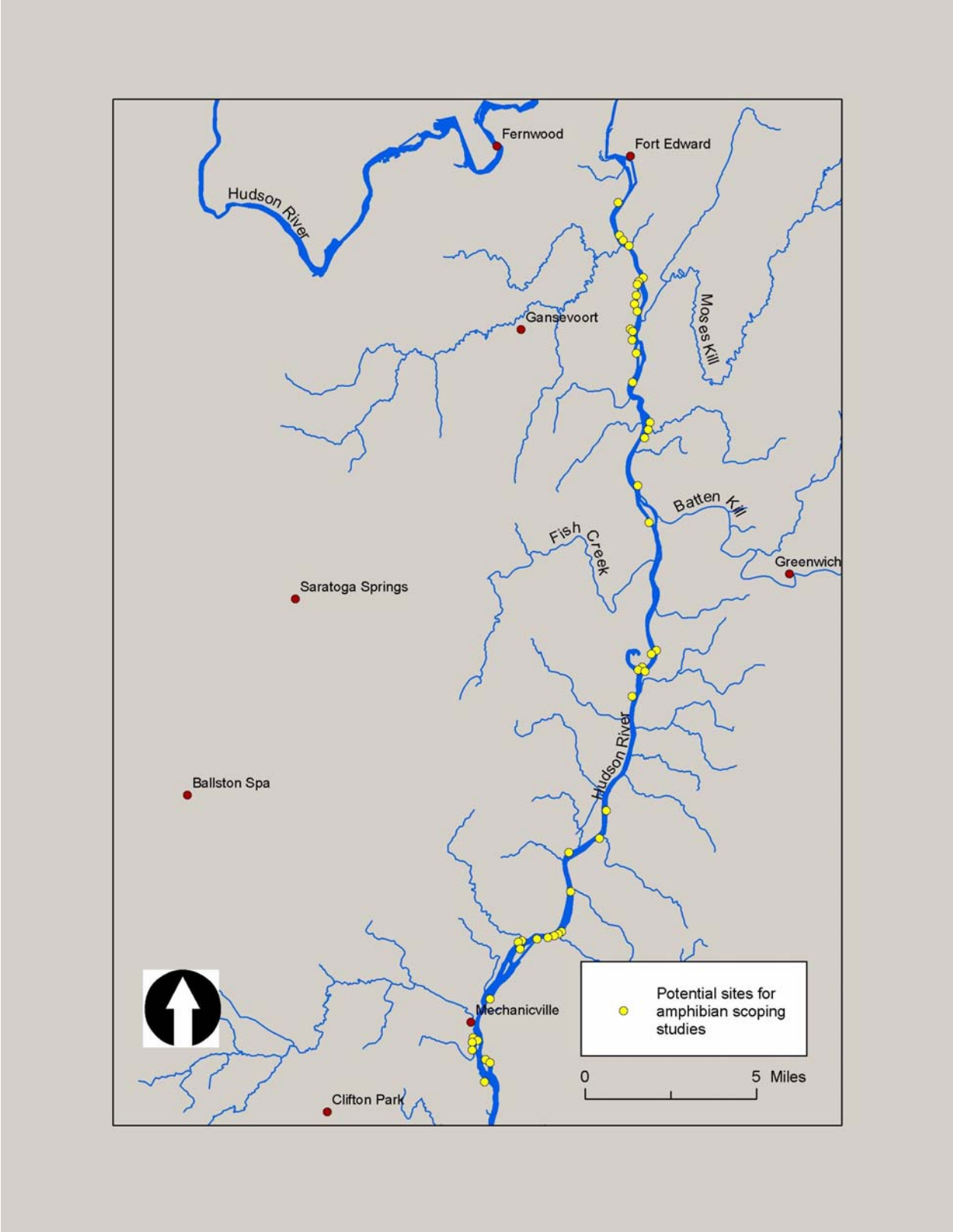

Figure 1. Potential sites for collection of tadpole and sediment samples identified to date.

Tadpole Collection

Tadpoles of bullfrogs will be collected from each sample site where a habitat evaluation is conducted and such tadpoles are found. Together with the sediment data from these same sites, these data will provide information regarding exposure of these organisms to PCBs and the bioaccumulation of PCBs by tadpoles. Each tadpole sample will consist of multiple individual tadpoles from the same sample site which will be composited. Sufficient tadpole numbers and sample sizes will be collected to allow a portion of the tadpoles to be archived for future further analysis should such later be determined to be warranted.

Identification of bullfrog tadpoles will be accomplished with the use of appropriate field guides and other documents, including Altig et al. (1998) and Berrill (2002).

Tadpole collection and processing will be accomplished in accordance with the SOP for Tadpole Collection and Processing (Appendix 2). Photographs will be taken during tadpole collection when and where determined appropriate by the Field Crew Leader. During tadpole collection, scientists will wear nitrile gloves to reduce exposure to any parasites and diseases that may be present and minimize potential contamination. Gloves will be changed between handling tadpoles from different sites to avoid cross-contamination. Appropriate Chain of Custody (COC) (see Section 3.3.2 and Appendix 4) will be followed.

Prior to analysis, tadpoles will be dissected to remove their gut coils, according to the SOP for Tadpole Collection and Processing. The intent of this is to avoid over-reporting the PCB levels in tadpoles tissues that would result from analyzing them with their sediment-laden gut tracks intact, although this potentially under-reports the PCB levels these tadpoles would constitute as a food source to other biota, such as wading birds or carnivorous fish. The gut samples will be archived for potential future analysis, if such is warranted relative to pathway/food web studies; taking into account the PCBs in the gut coils, as well as in the tadpole tissues, would establish the level of PCBs to which tadpole-eating biota are exposed to from that food source.

Sediment Collection

Sediments will be collected from each sample site where bullfrog tadpoles are collected. Sediment may also be collected from habitats identified during the habitat evaluation which would be anticipated to provide habitat for substantial numbers of amphibians but at which bullfrog tadpoles may not necessarily be found during this investigation.

The focus will be on collection of shallow near-shore sediment data from habitats that likely support amphibian populations (as demonstrated by either the presence of bullfrog tadpoles or adults or tadpoles or adults of other amphibian species) and potentially represent a pathway of exposure of such resources to PCBs. These data will allow the Trustees to identify sites with various degrees of PCB contamination, for potential use in designing future injury studies or other investigations, including potential development of a regression between sediment PCB levels and bullfrog tissue PCB levels.

Sediments will be collected from the top 3 centimeters of the river bottom, as these surficial sediments are those to which the organisms are most likely exposed. Each sediment sample will consist of twenty-five sediment sub-samples from within each sample site that will be composited in the field. Sufficient sediment will be collected to allow a portion of the samples to be archived for possible future further analysis should the need for such be identified at a later date.

Sediment collection will be accomplished in accordance with the SOP for Sediment Collection (Appendix 3). Photographs will be taken during sediment collection when and where determined appropriate by the Field Crew Leader. Appropriate Chain of Custody (COC) (see Section 3.3.2 and Appendix 4) will be followed.

3.0 QUALITY ASSURANCE/QUALITY CONTROL

Overview and Project Management

This study is being conducted in accordance with the Quality Assurance Management Plan for the Trustees' Hudson River NRDA (Hudson River Natural Resource Trustees 2002a). As described in that document, four general elements of quality assurance/quality control (QA/QC) must be addressed for each data collection effort: project management, data generation and acquisition, assessment and oversight, and data validation and usability.

This section describes the Quality Assurance Plan (QAP) for the bullfrog tadpole and near-shore sediment preliminary investigation, based on these four general elements. The objectives of the study are outlined in Section 1.0. To achieve these objectives, the following types of data will be required:

- Tadpole collection: Accurate species identification is required to locate the targeted species in the study area. Tadpole collection and processing will require following set procedures to insure proper sample collection and processing.

- Tadpole and sediment contamination levels: The laboratory chosen for tissue and sediment analysis will follow the requirements of the current version of the Hudson River NRDA Analytical QA Plan (Hudson River Natural Resource Trustees 2002b).

The study is organized based on tasks and levels of responsibility to ensure good communication between all personnel. The NYSDEC Assessment Manager (Larry Gumaer) has overall project oversight and responsibility for design and implementation of the study. Responsibility for design and implementation of the study is vested with the Amphibian and Reptile Technical Working Group (TWG), subject to the approval of the Hudson River NRDA Case Management Team (CMT) to conduct and fund this project. Quality assurance (QA) will be coordinated with the Hudson River NRDA QA Coordinator. The Investigation Lead is responsible for sample collection and handling.

The Investigation Lead provides instructions to the Investigation Team on all aspects of the project, including quality assurance management. For safety reasons, the Investigation Team will consist of a minimum of two persons -- a Field Crew Leader and a Field Data Recorder. The Investigation Lead is responsible for resolving any issues raised by the Investigation Team, in coordination with the TWG, QA Coordinator and CMT, as warranted. The Investigation Lead will work with the CMT, TWG, and QA Coordinator to ensure that the study is consistent with the overall QA objectives of the NRDA.

The SAP for this study was developed to provide detailed and explicit instructions for the Investigation Team to follow in collecting the study data. The SAP has been reviewed, commented on, and approved by key parties to the study before the beginning of sample collection. Reliance on a detailed, explicit, and fully reviewed SAP ensures that:

- Study objectives, methods, procedures, and details are completely thought out before sampling.

- Data will be collected in a systematic and consistent way throughout the study.

- Every member of the Investigation Team adheres to the requirements of the SAP. Each Investigation Team member is required to sign the "Investigation Team Acknowledgment of Sampling and Analysis Plan Review," affirming that he or she has read this SAP, understands it, and will comply with it. In particular, each Field Crew Leader must make sure that his or her team adheres to the SAP.

The procedures specified in this SAP must be considered somewhat flexible. Events can arise during field sample and data collection that require changes to the procedures being used. In these circumstances, deviations from the SAP will be conducted only after consultation between the Assessment Managers and Investigation Lead. Deviations from the SAP will be carefully documented, as will a detailed explanation as to why the deviations were necessary; this information will be incorporated into an Addendum to the SAP to be prepared at a later date.

Project Managers Contact Information

Contact information for the persons noted in section 3.1 of this SAP is as follows:

NYSDEC Assessment Manager:

Larry Gumaer, New York State Department of Environmental Conservation, 625 Broadway, 5th Floor, Albany, NY 12233; Phone: 518-402-8971; Fax: 518-402-9027; e-mail: lwgumaer@gw.dec.state.ny.us

Amphibian and Reptile TWG Chair:

Kathryn Jahn, U.S. Fish and Wildlife Service, 3817 Luker Road, Cortland, NY 13045;
Phone: 607-753-9334; Fax: 607-753-9699; e-mail: kathryn_jahn@fws.gov

For work on National Park Service lands:

Bill Fuchs, National Park Service, Northeast Regional Office, 222 Union Street, #411,
New Bedford, MA 02740; Phone: 508-999-4458; Fax: 508-999-4459;
e-mail: bill_fuchs@nps.gov

Data Generation and Acquisition

Data developed in this study must meet standards of precision, accuracy, completeness, representativeness, comparability, and sensitivity, and be consistent with sound scientific methodology appropriate to the data quality objectives. Table 1 notes the types of data checks that will be used and their frequency.

Precision is defined as the level of agreement of repeated independent measurements of the same characteristic. For this study, agreement between Investigation Team members regarding species identification must be obtained for verification. This will occur in the field on a daily basis as surveys are conducted. Precision may also be evaluated by assessing the degree to which surveys are consistent among sites. The frequency and type of field checks are listed in Table 1 on the following page.

Accuracy is defined as the agreement of a measurement with its true value. For the parameters unique to the field portion of this study, accuracy means that the target animal is correctly identified.

Field crews will receive explicit instructions in the execution of this SAP. The field crews will be instructed in the field before beginning any sampling, and the instructions will be repeated or refreshed during the sampling as necessary (Table 1). The Investigation Lead will direct the fieldwork. Field crew members will be provided photographs, slides, and/or video images of bullfrog tadpoles and adults amphibian species of interest (bullfrog, northern leopard frog, and green frog). Before a field crew begins work, the Investigation Lead will confirm that the field crew members can accurately identify bullfrog tadpoles and adult bullfrogs, northern leopard frogs and green frogs.

Table 1. Data Checks and Frequency

Type of Activity	Measurement	Minimum Frequency of Check by Investigation Lead	Acceptance Criteria
Habitat evaluation	Habitat Evaluation Data Sheets are filled out correctly and completely.	Preferably daily, but with no more than a 3 day interval between preparation of a sheet by a Field Data Recorder and checking of the sheet by the Investigation Lead.	Data sheets are complete, legible and accurate.
Opportunistic visual or auditory observations of amphibians	Portion of Habitat Evaluation Data Sheet that pertains to opportunistic visual or auditory observations of amphibians is filled out correctly and completely.	Preferably daily, but with no more than a 3 day interval between preparation of a sheet by a Field Data Recorder and checking of the sheet by the Investigation Lead.	Data sheets are complete, legible and accurate.
Identification of amphibian species of interest during opportunistic observations	Adult bullfrog, green frog and northern leopard frogs can be identified by sight using a field guide and/or other information for confirmation, and sound	Once before beginning of investigation. Regular discussions between field crew members are expected. Descriptive keys, photographs, slides, and/or video images of adults of amphibian species of interest will be used to check identification.	One hundred percent accuracy on identification.
Bullfrog tadpole identification by sight	Bullfrog tadpoles can be identified by sight using a field guide and/or other information for confirmation.	Once before beginning of investigation. Regular discussions between field crew members are expected. Descriptive keys, photographs, slides, and/or video images of bullfrog tadpoles will be used to check identification.	One hundred percent accuracy on identification.
GPS data collection and data downloading	Field personnel can operate GPS equipment and transfer data to computers.	Once before beginning of investigation, and then as data is downloaded and verified.	GPS data collected in the field matches up to correct locations on georeferenced aerial photos of the study area.

Type of Activity	Measurement	Minimum Frequency of Check by Investigation Lead	Acceptance Criteria
Tadpole collection	Individual tadpole samples are properly labeled when collected	Each day tadpole samples are collected and/or composited.	Each individual sample is correctly assigned a Tadpole Identification Number
Completion of Tadpole Collection Data Sheets	Tadpole Collection Data Sheets are filled out correctly and completely.	Preferably daily, but with no more than a 3 day interval between preparation of a sheet by a Field Data Recorder and checking of the sheet by the Investigation Lead.	Data sheets are complete, legible and accurate.
Completion of Tadpole Processing Data Sheets	Tadpole Processing Data Sheets are filled out correctly and completely.	Preferably daily, but with no more than a 3 day interval between preparation of a sheet by a Processor and checking of the sheet by the Investigation Lead.	Data sheets are complete, legible and accurate; ach composite sample is correctly assigned a Tadpole Carcass Composite ID and a Tadpole Gut Coil Composite ID.
Sediment sample collection	Sediment samples are properly labeled when collected and then transferred to the lab for homogenization and analysis.	Each day sediment samples are collected.	Each sample is correctly assigned a Sediment Sample Number.
Completion of Sediment Collection Data Sheets	Sediment Collection Data Sheets are filled out correctly and completely.	Preferably daily, but with no more than a 3 day interval between preparation of a sheet by a Field Data Recorder and checking of the sheet by the Investigation Lead.	Data sheets are complete, legible and accurate.

Completeness is defined as the percentage of the planned samples actually collected and processed. Although sample sizes cannot be predetermined, observations must be conducted in habitat that the species could use where access is granted. The full distribution of study efforts within those parameters is a measure of the completeness of this study.

Representativeness is defined as the degree to which the data accurately reflect the characteristics present at the sampling location at the time of sampling. Obtaining representative data for this study will be ensured through the establishment of a thorough literature review to identify life history characteristics, nursery habitat, and by completing field studies in a manner to determine if bullfrog tadpoles are present, and determining if adults of the amphibian species of interest are present.

Comparability is defined as the measure of confidence with which results from this study may be compared to another similar data set. Because of the nature of the study, there cannot be a duplication of effort in the same area at the same time. Comparability will be attained through use of techniques that are commonly used in amphibian studies in different parts of North America.

Sensitivity is defined as the ability of a measurement technique or instrument to operate at a level sufficient to measure the parameter of interest. For data specific to this study, sensitivity will pertain to the ability to locate and identify bullfrog tadpoles and adults of the amphibian species of interest. This process is a stepwise approach that requires expertise. Work will focus on potentially suitable habitats along the Hudson River. Then those specific habitats will be checked for the presence of bullfrog tadpoles, or adults of the amphibian species of interest. Surveys involve using visual searches and/or listening to locate the species of interest.

3.1.1 Study Documentation

All study activities will be documented through use of the sequentially numbered Data Sheets contained with the SOPs (Appendices 1, 2, and 3). Data sheets will be placed into a ring-binder. All information will be recorded on these pre-formatted data sheets. The use of pre-formatted data sheets is a QA/QC measure designed to:

- ensure that all necessary and relevant information is recorded for each sample and each sampling activity,
- serve as a checklist for the field crews to help ensure completeness of the data collection effort,
- assist the field crews by making data recording more efficient, and
- minimize the problem of illegible field notebook entries.

Each Investigation Team will have a designated Field Data Recorder responsible for recording information on the Data Sheets. Assigning this responsibility to a designated person will help ensure that documentation is complete and consistent; Field Data Recorders will be retained throughout the study to the extent feasible. The Field Data Recorder is also responsible for the care, custody, and disposition of the binder containing the Data Sheets.

Data Sheet entries will be made in waterproof ink and corrections made with a single line through the error accompanied by the correction date, and the corrector's initials.

Each completed Data Sheet will be reviewed, corrected (if necessary), and initialed by the Field Data Recorder (or Processor in the case of the Tadpole Processing Data Sheet), and the Field Crew Leader. Data Sheets will then be reviewed by the Investigation Lead. This review by the

Investigation Lead will occur preferably daily, but with no more than a 3 day interval between preparation of a Data Sheet by a field crew or processor and checking of the data sheet by the Investigation Lead.

Following completion of the study, the original data sheets will be retained at NYSDEC.

3.1.2 Chain of Custody

Strict Chain of Custody (COC) procedures will be used throughout the study. The COC procedure will begin when a tadpole or sediment sample is collected. A COC form is shown in Appendix 4. These forms will be used to maintain records of sample collection, sample transfer between personnel, sample shipment, and sample receipt for storage in a freezer, or receipt by the analytical lab. Each sample collected will be listed on the COC forms. A separate form will be used for each cooler that is shipped. The original COC will accompany the samples. The Investigation Lead will maintain a copy of the COC. The signatures of the persons shipping and receiving the samples, and the date and time of transfer, will be documented on the COC forms. An air-bill can be used to document the transfer of a sample from the Investigation Team to the shipper, and from the shipper to the analytical lab.

All sections of the COC form will be completed with information pertaining to the sample collection. All samples included in the sample catalog will be clearly listed. The time, date, location, identifier (i.e., sample ID code), type of sample, and number and size of containers will also be listed on the form. If more than one cooler is required to ship the samples, a separate form will be used listing the samples actually held in each cooler. An indication of the number of coolers per shipment (e.g., 1 of 3) will be listed on the form. Once the form is completely filled out, it will be placed in a clear plastic shipping window and securely attached to the inside of the cooler. Each cooler will be sturdy, well sealed with filament tape, and have an unbroken signed custody seal. All materials, samples, and coolers will be kept in locked locations all the time until shipped.

3.1.3 Personnel Experience and Training

The Investigation Team will receive explicit instructions in the execution of this SAP from the Investigation Lead. The Investigation Team will be instructed in the field by the Investigation Lead before beginning any sampling, and the instructions will be repeated or refreshed during the sampling period as necessary (Table 1). The work will be directed by an Investigation Lead. Investigation Team members will be trained to identify bullfrog tadpoles by their sight and their habitat, and other identifying characteristics, and will be trained to identify adult bullfrogs, northern leopard frogs and green frogs by sight and sound; the ability of Investigation Team members to do so will be confirmed by the Investigation Lead before beginning work.

Assessment and Oversight

Several mechanisms for internal audits of the data generation process will be used for the study.

These mechanisms include:

- A project management structure that defines clear lines of responsibility and ensures communication between field crews and with the Investigation Lead. Clear responsibilities and communication can serve as a means of providing internal audits of the sample collection process as it proceeds.

- A requirement that Data Sheets be completed daily and be reviewed by the Investigation Lead. Data Sheets will be reviewed by the Investigation Lead preferably daily, but with no more than a 3 day interval between preparation of a Data Sheet and checking of the Data Sheet by the Investigation Lead.

- The use of pre-formatted Data Sheets that serve as a checklist for sampling procedures, thereby helping to ensure that sampling is complete.

- The work will not begin until approval is received from the QA Coordinator or their delegate. The QA Coordinator or their designee will conduct a field audit of procedures and documentation of the study to ensure that the project-specific SOPs, this SAP and other procedures are being properly implemented.

Data Validation and Usability

This study employs standard techniques for amphibian collection. The SAP for this study has been reviewed for the adequacy of the sampling design and methods. The original Data Sheets will be maintained by the NYSDEC and archived for a minimum of fifteen years. Disposal of the Data Sheets will be coordinated with the DOI and NOAA after this timeframe unless a longer archive period is requested. Any final reports generated from the data can then be reviewed against the sampling records to ensure that the data presented in the reports represent complete and accurate information. Analytical data will be validated as specified in the Analytical QA Plan (Hudson River Natural Resource Trustees, 2002b).

The Investigation Lead performing oversight of habitat characterization, tadpole and sediment collection and tadpole processing will validate that Investigation Team members are correctly identifying bullfrog tadpoles and adult amphibian species of interest, and correctly completing Data Sheets by performing periodic checks during the study as specified in Table 1.

4.0 DATA ENDPOINTS

Data endpoints for this project will include habitat evaluation parameters, numbers of various frogs observed during the visual encounter surveys, and contamination levels in near-shore sediments and bullfrog tadpoles. The exact contaminant analyses and preparation procedures will be determined by the Trustees upon finalization of the collection, and will follow those specified in the Hudson River NRDA Analytical Chemistry QA Plan (Hudson River Natural Resource Trustees 2002b).

5.0 SCHEDULE

Several tasks need to be sequentially performed while others can run parallel courses. The Hudson River bullfrog tadpole collection effort will begin in late summer 2003, and last several weeks. Before collection begins, any necessary State and/or Federal permits will be obtained. A "Scientific Research and Collecting Permit" will be required from the National Park Service (NPS) for any collection activities conducted on NPS lands.

6.0 LITERATURE CITED

Altig, R., R.W. McDiarmid, K.A. Nichols and P.C. Ustach. 1998. Tadpoles of the United States and Canada: A Tutorial and Key. U.S. Geological Survey, Patuxent Wildlife Research Center. Available at: http://www.pwrc.usgs.gov/tadpole/

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APPENDIX 1

Standard Operating Procedure

Habitat Evaluation

HABITAT EVALUATION

STANDARD OPERATING PROCEDURE

Introduction

This standard operating procedure (SOP) was developed as part of the Hudson River natural resource damage Trustees' data collection effort for the summer of 2003. The Sampling and Analysis plan for this effort contains details on issues such as site selection, quality assurance and control, and other topics of broad relevance to this field effort. This SOP focuses on the mechanics to be followed with respect to habitat evaluation, including the documentation of any opportunistic visual or auditory encounters with amphibians. This SOP is based on SOPs developed for similar habitat evaluation activities elsewhere (*e.g.,* Kendell 2002, Coeur d'Alene 1995).

Habitat Characterization

Upon reaching the site, one or more photographs will be taken to provide an overview of the site, and the film and frame number(s) will be recorded on the Habitat Evaluation Data Sheet. In addition, for each site, the observer will record the following information on the site's Habitat Evaluation Data Sheet:

1. Date and time;
2. Site number and description;
3. GPS location;
4. Air temperature (°C) , taken approximately 1 meter above ground;
5. Water temperature (°C), taken a few inches below the surface in an area that is or that may be frequented by amphibians;
6. Cloud cover (clear, 0%, 25%, 50%, 75%, 100%);
7. Precipitation (none, light, moderate, heavy);
8. Wind (calm, light, strong);
9. Water flow (none, slow, moderate, fast);
10. Approximate water depth where the tadpoles are observed (may be a range);
11. Aquatic vegetation (none, sparse, moderate, dense); and species, if known.

12. Primary aquatic substrate (silt/mud, sand/gravel, cobble, bedrock, other);

13. Shoreline vegetation (describe type(s), density);

14. Opportunistic visual or auditory observations of amphibians;

15. Brief directions to site (optional);

16. Any other comments (special site features, evidence of human impacts to the site, logistical or other difficulties that may impact the site's usability in future studies, anecdotal observations, etc.).

Opportunistic Visual or Auditory Encounters

The frog species of primary interest include the bullfrog (*Rana catesbeiana*), northern leopard frog (*Rana pipiens*), and green frog (*Rana clamitans*). These species occur in shallow emergent marsh habitat found adjacent to open water in the littoral zone of the river. Vegetation in these areas is overtopped during high flow events, which provides an opportunity for potentially contaminated sediment to settle out and become substrate. All three species of frogs use these areas for breeding and would be expected to be found breeding in the Upper Hudson River between about April and July, depending on the species. In Maine, northern leopard frogs breed in late April and early May; green frogs breed in early to mid June; and bullfrogs breed in late June and early July when air temperatures reach 20-22 °C (68-72 °F) (Hunter *et al.* 1999).

All three species of frogs breed in permanent water bodies with abundant emergent and aquatic vegetation. Chorusing adults are indicative of breeding activity. Northern leopard frogs usually mate at night when territorial males can be heard calling from groups in shallow water. Green frogs and bullfrogs also call more frequently at night, usually from a territory. Each frog has several different calls, which are used to attract females, defend a territory, or to distract a predator.

Although the field effort will not include formal visual or calling surveys of frogs, to the degree that frogs are seen or are heard calling during the course of this field effort, the estimated numbers of individuals seen or heard calling and their species (preliminarily determined) will be recorded.

Materials and Equipment

- GPS unit
- Habitat Evaluation Datasheets (write-in-the-rain paper)
- Writing instruments with waterproof ink
- Bulb-based or other thermometer calibrated in °C suitable for air temperature measurements
- Bulb-based or other thermometer calibrated in °C suitable for water temperature measurements
- Long-handled nets for capturing frogs

- Camera with film (or a digital camera) with extra batteries
- Binoculars

References

Coeur d'Alene Natural Resource Damage Assessment Standard Operating Procedure. Revised May 3, 1995.

Crump, M.L. and N.J. Scott. 1994. Visual encounter surveys. Pp. 84-92. *In*, W.R. Heyer, M.A. Donnelly, R.W. McDiarmid, L.C. Hayek, and M.S. Foster (eds.), Measuring and monitoring biodiversity: standard methods for amphibians. Smithsonian Institution Press, Washington D.C. 364 pp.

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Kendell, K. 2002. Survey protocol for the northern leopard frog. Alberta Sustainable Resource Development, Fish and Wildlife Division, Alberta Species at Risk Report No. 43, Edmonton, AB. 30 pp.

Habitat Evaluation Data Sheet

Site Number / Description:
_____

_____

UTM East: _____ **UTM North**: _____

Note: If GPS location cannot be provided at time of collection, other sufficient identifying information for location shall be provided in "Other Notes" section below to allow GPS coordinates to be subsequently obtained, if possible.

Film Roll #: _____ **Frame #s**: _____

Name of Field Crew Leader (print): _____

Name of Field Data Recorder (print): _____

Date: _____ - _____ - _____ **Time**: _____
Month Day Year

Air Temperature (°C): _____ Water Temperature (°C): _____
(taken 1 meter above ground) (taken a few inches below surface)

Additional Site Conditions (circle one):

Major (and surrounding) land uses:						
Cloud Cover:	clear	0%	25%	50%	75%	100%
Precipitation:	none	light	moderate	heavy		
Wind:	calm	light	strong			
Water Flow:	none	slow	moderate	fast		
Water Depth (cm):						
Aquatic Vegetation:	none	sparse	moderate	dense		
Notes:						
Primary Aquatic Substrate:	silt/mud	sand/gravel	cobble	bedrock	other (specify)	
Shoreline Vegetation:	none	sparse	moderate	dense		
Notes (*e.g.*, dominant species, etc.):						

Opportunistic Visual or Auditory Observations of Amphibians:

Calling (circle one):

Bullfrog	none	individual	several	full chorus
Green frog	none	individual	several	full chorus
Northern leopard frog	none	individual	several	full chorus

Other: _____

Visual observations:

Species	**Number**	**Habitat Type(s) Observed In** **(and other comments)**
Bullfrog		
Northern leopard frog		
Green frog		

Directions to site (optional):

Other Notes:

Initials/Date of Field Data Recorder: _____

Initials/Date of Field Crew Leader: _____

Initials/Date of Review of Data Sheet by Investigation Lead: _____

APPENDIX 2

Standard Operating Procedure

Tadpole Collection and Processing

TADPOLE COLLECTION AND PROCESSING

STANDARD OPERATING PROCEDURE

Introduction

This standard operating procedure (SOP) was developed as part of the Hudson River natural resource damage Trustees' data collection effort for the summer of 2003. The Sampling and Analysis plan for this effort contains details on issues such as site selection, quality assurance and control, and other topics of broad relevance to this field effort. This SOP focuses on the mechanics to be followed with respect to bullfrog (*Rana catesbeiana*) tadpole collection, shipment, and preparation for chemical analysis.

Collection Methodology

Bullfrog tadpoles will be collected using seines, dip nets, minnow traps or other sampling equipment, as appropriate based on habitat and site-specific logistical considerations. To the degree that tadpoles of other species are inadvertently caught, the species and approximate numbers of these tadpoles will be determined and recorded on a Tadpole Collection Data Sheet for the site. Non-bullfrog tadpoles will be re-released. For each site, as many bullfrog tadpoles as possible will be collected, up to a total of 25 per site.

When collected, bullfrog tadpoles will be transferred to a chemically-clean glass jar containing a few millimeters of site water. All tadpoles from a single site will be put into a single jar, and the jar will be labeled with the date, time, collectors' initials, and the site number. This glass jar will be put into a cooler containing blue ice, where the tadpoles will be kept until removed to another facility (*e.g.*, the Hale Creek lab facility) at the end of the collection day.

Equipment Care

Prior to sampling at a new site, sampling equipment (seine, dip nets, traps, etc.) will be well-rinsed in site water at a point somewhat removed from the anticipated specific sampling location. Care will be taken to ensure that no visible sediment, particulates, vegetation or biota from prior sites remains on the apparatus when it is used at the new site.

Tadpole Handling: Euthanization, Labeling, Documentation, and Storage

At the end of each collection day, all collected tadpoles will be documented, labeled, and euthanized in the lab as described below. In particular:

1. Each tadpole will be removed from the site collection jar. Tadpoles will be handled by field personnel using nitrile gloves. Care will be taken to not damage the tadpole. Each tadpole will be assigned a unique identification number. The tadpole identification numbers will have the following format:

   BT-001-001

   "BT" stands for bullfrog tadpole. The first set of three digits refers to the unique site number from which the tadpole was collected, and the second set of three digits refers to the unique tadpole number. For instance, if three tadpoles are caught at Site 1, their numbers would be BT-001-001, BT-001-002, and BT-001-003. The next tadpole, caught at Site 2, would have the number BT-002-004.

2. Tadpoles will be examined for gross external deformities, erosion, lesions, and tumors (DELTs). All tadpoles with DELTs will be photographed, and the relevant data recorded on the Tadpole Collection Data Sheet.

3. Assuming that no abnormalities are observed in tadpoles collected from a particular site, pictures will be taken of at least three apparently normal tadpoles from each site; these tadpoles may be photographed on the same frame provided they can be identified individually, such as by placement of labels with ID numbers next to the individuals or appropriate notation on the data sheets. (If DELTs are observed, more pictures may be taken and those tadpoles will be photographed individually.) If tadpoles in different stages of development are found at a given site, the team will try to take one photograph of an example of each stage, up to a total of three photographs.

4. After examination for DELTs and/or being photographed, each tadpole will be wrapped in aluminum foil, and the foil will be labeled with the tadpole's unique identification number using a permanent marker.

5. To euthanize the tadpole, labeled foil packages will immediately be put on dry ice for a minimum of 15 minutes.

6. After euthanization, the foil package will be double-bagged in Zip-loc type bags. A notecard will be inserted between the inner and outer bag, facing out, and will contain the following information: Hudson River, the tadpole identification number, the sampling date, and the investigator's initials.

7. Bagged tadpoles will be stored at –20°C until they are shipped to a lab for dissection and chemical analysis.

Shipping

Tadpoles are to be shipped as per the United States Geological Service's protocol for the Collection, Preservation & Mailing of Amphibians.[1] Specifically, the double-bagged tadpoles will be put into plastic or hard cardboard boxes (to prevent crushing), and packed in a cooler or in a styrofoam-lined cardboard box containing dry ice.

Nylon-reinforced or 2-inch wide clear tape will be wrapped completely across the lid, sides and bottom of each cooler in at least two places to prevent accidental opening of the container. An overnight courier service may be used to ship containers to the new location; if used, all procedures required by the carrier for the safe shipping of dry ice will be followed. Alternately, the samples may be hand-delivered to the laboratory (with a total transportation time of not more than 12 hours). Strict Chain of Custody procedures will be followed, as described in Section 3.3.2 of the Sampling and Analysis plan.

Gut Coil Removal and Compositing

Tadpoles will be swiftly measured and dissected, to avoid deterioration of the tadpole gut coil and body as it defrosts. In particular, tadpoles will be processed and their gut coils removed according to the following steps:

1. After removing from the freezer and unwrapping, weigh the tadpole to the nearest milligram (0.001 g), handling the tadpole with chemically-clean forceps. Record the measurement on the Tadpole Processing Data Sheet.

2. Measure both snout-to-vent length and total length to the nearest millimeter with the electronic vernier calipers, and record the measurements on the Tadpole Processing Data Sheet.

3. Determine the Gosner stage of the tadpole using Gosner (1960), and record the measurement on the Tadpole Processing Data Sheet.

4. While the tadpole is still partially to mostly frozen (the optimal degree of 'frozenness' is best determined with experience), make a slit along the ventral surface from the throat to the vent, using a chemically-clean scalpel.

5. With a forceps, carefully remove the gut coil. Inspect the coil carefully for any other tissues. The gut coil is a uniform gray or olive drab color, and other tissues such as liver, heart, or other organs are typically indicated by a red, orange, or pink color. These other tissues are to be returned to the carcass.

6. Weigh the gut coil to the nearest 0.001 g, and record the measurement on the Tadpole Processing Data Sheet.

---

1 See http://www.nwhc.usgs.gov/research/amph_dc/sop_mailing.html, visited on 7/1/2003.

7. Weigh the carcass without the gut coil to the nearest 0.001 g, and record the measurement on the Tadpole Processing Data Sheet.

8. Tadpoles from a single site in similar developmental stages, as defined by Gosner (1960), will be composited into a single sample of approximately 10 g as follows:

   - Prelimb (21-26);
   - Visible limb bud (27-35);
   - Hindlimb (36-39);
   - Metamorph (40-45).

   Tadpole carcasses (without gut coils) will be combined into a single, chemically-clean glass jar with a Teflon lid. *Depending on the numbers and stages of tadpoles collected, the above compositing scheme may need to be revisited.*

9. Tadpole carcass composite jars will be labeled with the following information: Hudson River, the tadpole collection date, the collector's initials, and a composite identification number with the following format:

   BTC-001-001

   "BTC" refers to bullfrog tadpole composite. The first set of three digits refers to the unique site number from which the tadpole was collected, and the second set of three digits refers to the unique composite number.

10. Gut coils from each tadpole composite will be combined a single chemically-clean glass jar for purposes of chemical analysis.

11. Gut coil composite jars will be labeled with the following information: Hudson River, the tadpole collection date, collector's initials, and a composite identification number with the following format:

    BGCC-001-001

    "BGCC" refers to bullfrog gut coil composite. The first set of three digits refers to the unique site number from which the tadpole was collected, and the second set of three digits refers to the unique composite number at the site. The six numeric digits should be identical to those used for the corresponding tadpole carcass composite.

12. If the samples will not be immediately subject to chemical analysis, all samples will be re-frozen and stored at a temperature of -20°C or colder. If refrozen, the composite containers will be put into a labeled box prior to being stored.

As noted above, data from the above measurements will be recorded into a Tadpole Processing Data Sheet. Notes of any potential problems that arise during the dissection and compositing process will be made.

For each tadpole, either a fresh scalpel and pair of forceps will be used or the equipment will be cleaned between dissections. Equipment will be cleaned between tadpoles by washing in tap water, rinsing in distilled water, rinsing in HP-grade acetone, and allowing to dry.

Materials and Equipment

FIELD COLLECTIONS

- GPS unit
- Seine for collecting tadpoles, ¼ -inch mesh
- Dip net (D-scap) for collecting tadpoles, ¼ -inch mesh
- Minnow traps
- Chemically-clean glass jar with Teflon lid (1 per tadpole collection site), with pre-adhered labels
- Tadpole Collection Data Sheets in ring-binder (write-in-the-rain paper)
- Writing instruments with waterproof ink
- Labeled cooler containing blue ice
- Chain of Custody forms
- Nitrile gloves

INITIAL LABORATORY PROCESSING

- Square pieces aluminum foil – 1 per tadpole
- Zip-loc type bags – 2 per tadpole
- Notecards – 1 per tadpole
- Permanent marker
- Dry ice in suitably-sized container
- Nitrile gloves
- Camera with film (or a digital camera) with extra batteries
- Tadpole Collection Data Sheets in ring-binder (write-in-the-rain paper)
- Chain of Custody forms

SHIPPING

- Hard plastic or cardboard boxes for protecting bagged tadpoles
- Shipping container (cooler or cardboard box lined with styrofoam)
- Dry ice
- Nylon-reinforced tape or 2-inch wide clear tape
- Chain of Custody seals
- Chain of Custody forms
- Paperwork for overnight courier service
- Writing instruments

LAB DISSECTION AND COMPOSITING

- Balance that weights to the nearest 0.001 gram
- Electronic vernier calipers
- Paper or other towels

- Chemically-clean scalpel
- Chemically-clean forceps
- Chemically-clean glass jars, 2 per composite (1 for gut coils; 1 for rest of bodies) with Teflon lids
- Labels for the sample jars
- Nitrile gloves
- Labeled storage boxes (in the event that composited samples are not immediately subject to chemical analysis)
- Tadpole Processing Data Sheets in ring-binder
- Chain of Custody forms
- Writing instruments

References

Gosner, K. L. 1960. A simplified table for staging anuran embryos and larvae with notes on identification. Herpetologica. 16:183-190.

United States Geological Service National Wildlife Health Center. 2001. Collection, preservation & mailing of amphibians for diagnostic examinations. Standard Operating Procedure. Amphibian Research & Monitoring Initiative (ARMI) SOP No. 105. ACUC Tracking No. 2001-007. Revised March 2, 2001.

Tadpole Collection Data Sheet

Species: Bullfrog (*Rana catesbeiana*)

Site Number / Description: _____

_____

UTM East: _____ **UTM North**: _____

Note: If GPS location cannot be provided at time of collection, other sufficient identifying information for location shall be provided in "Other Notes" section below to allow GPS coordinates to be subsequently obtained, if possible.

Name of Field Crew Leader (print): _____

Name of Field Data Recorder (print): _____

Date of Collection: _____ - _____ - _____ **Time of Collection**: _____
Month Day Year

Sample ID	**Photo taken? (y/n)**	**Photo Roll No.**	**Photo Frame Nos.**	**Gross External Deformities, Erosion, Lesions, and Tumors**

Other Notes:

Initials/Date of Field Data Recorder: _____

Initials/Date of Field Crew Leader: _____

Initials/Date of Review of Data Sheet by Investigation Lead: _____

Tadpole Processing Data Sheet

Species: Bullfrog (*Rana catesbeiana*)

Tadpole Carcass Composite ID: __BTC__- _____ - _____

Tadpole Gut Coil Composite ID: BGCC - _____ - _____

Name of Processor (print): _____

Date of Processing: _____ - _____ - _____ **Time of Processing**: _____
Month Day Year

Tadpole ID	Whole weight	Snout-to-vent length (mm)	Total length (mm)	Develop-mental Stage	Gut coil weight	Carcass weight without gut coil
BT-						
BT-						
BT-						
BT-						
BT-						
BT-						
BT-						
BT-						
BT-						
BT-						

Other Notes:

Initials/Date of Processor: _____

Initials/Date of Review of Data Sheet by Investigation Lead: _____

APPENDIX 3

Standard Operating Procedure

Sediment Collection

SEDIMENT COLLECTION

STANDARD OPERATING PROCEDURE

Introduction

This standard operating procedure (SOP) was developed as part of the Hudson River natural resource damage Trustees' data collection effort for the summer of 2003. The Sampling and Analysis plan for this effort contains details on issues such as site selection, quality assurance and control, and other topics of broad relevance to this field effort. This SOP focuses on the mechanics to be followed with respect to nearshore sediment collection, shipment, and preparation for chemical analysis. This SOP is based on SOPs developed for similar sediment collection activities elsewhere (*e.g.*, EPA (1994a and 1994b), EPA (2001), Coeur d' Alene (1995), PTI Environmental Services (1995), Radtke (1997), and Portland Harbor Sediment Management Plan (1999).

Collection and Compositing

To avoid disturbing the sediments prior to collection, at each site sediments will be collected prior to the collection of tadpoles, to the extent feasible. For purposes of this SOP, a sampling site is defined as an area of contiguous habitat with similar structural characteristics not more than 100 meters in diameter. In practice, the Field Crew Leader will define the specific area that constitutes a single site for sampling purposes.

A composite of approximately 500 g of sediments will be collected from each site. The composite will consist of 25 samples of approximately 10 ml each, taken from 25 separate locations within each defined site.

Sediment samples from a specific site will be collected using an interval approach and will be collected from nearshore locations that are at least five feet apart, in an area that spans the site of bullfrog tadpole collection. A rope, marked in 1- and 5-foot intervals, will be used to help delineate the sampling area. To the degree that a site is too small for 25 samples to be collected at 5-foot intervals, smaller, regular intervals will be used at the discretion of the Field Crew Leader. The approximate sampling interval used will be recorded on the Sediment Collection Data Sheet. Overall, when collecting samples, care will be taken to maintain the integrity of the site and minimize disturbance of sediments during the site evaluation and collecting process.

For sampling in slow-moving water that is less than 24 inches deep, the use of a chemically-clean aluminum trowel or scoop is appropriate. Following the guidance of EPA (1994b), the following procedure will be used to collect sediment with the trowel or scoop:

1. Before walking through the sample site, identify the approximate areas for sediment collection. Space them out, as described above, to sample the entire tadpole

collection area. Identify the route of access to each sample point and avoid and minimize sediment disruption from trampling between sample points.

2. Carefully remove approximately 10 ml of sediment from the selected location, to a depth of up to 3 cm.

3. Transfer the sample into a pre-labeled, 16-ounce chemically clean glass jar with a Teflon lid. Fill out the relevant portions of the Sediment Collection Data Sheet.

4. Move to the next subsite and repeat the process until a total of twenty-five sediment samples have been collected in the jar.

5. Care will be taken to minimize loss of sediments from the scoop during the collection process. This may mean restricting sample collection to areas of shallower water.

Approximately equal portions of about 10 ml of sediment from each of 25 subsites will be deposited into a chemically-clean glass jar with a Teflon-lined cap, leaving at least a 1/3 of the jar empty to allow for expansion if the sample is frozen. Excess water will be carefully decanted.

A fresh, chemically-clean aluminum scoop (wrapped in aluminum foil after cleaning) will be used for each site.

Storage, Labeling and Shipping

Self-adhesive labels will be attached to the composite containers. When a composite is put into a container as described above, the container's label will be marked with the following information: Hudson River, sediment composite number, sampling date, and the investigator's initials. Sediment composite numbers will have the following format:

SED-001

"SED" stands for sediment. The set of three digits refers to the unique site number from which the sediments were collected.

After putting the composite into the labeled container, each container will be wrapped in protective material (*e.g.*, bubble wrap) and placed in a plastic bag. Bags will be placed into a cooler containing blue ice, where they will be kept until removed to another facility (*e.g.*, the Hale Creek lab facility) at the end of the collection day. Sediment samples will be kept at -20°C until transferred to the analytical laboratory.

For purposes of shipping, the bags containing the sample containers should be placed into an ice chest or cooler. Blue ice should also be placed in the cooler in sufficient quantities to ensure that the samples are kept cold until arrival at the laboratory.

Nylon-reinforced or 2-inch wide clear tape will be wrapped completely across the lid, sides and bottom of each cooler in at least two places to prevent accidental opening of the

container. An overnight courier service may be used to ship containers to the chemical analysis lab; if used, all procedures required by the carrier for the safe shipping of dry ice will be followed. Alternately, the samples may be hand-delivered to the laboratory (with a total transportation time of not more than 12 hours. Strict Chain of Custody procedures will be followed, as described in Section 3.3.2 of the Sampling and Analysis plan. Upon arrival at the lab, the samples will be maintained at -20°C until thawed for chemical analysis.

Materials and Equipment

FIELD COLLECTIONS

- GPS unit
- Chemically-clean aluminum scoops or trowels, wrapped in aluminum foil
- Chemically-clean, wide-mouth 16-ounce glass jars with Teflon-coated lids and with self-adhesive labels attached
- Rope, marked off in 1- and 5-foot intervals
- Bubble wrap or other protective packing material
- Plastic bags for storing sampling containers protected with bubble-wrap
- Labeled coolers containing blue ice
- Chain of Custody forms
- Sediment Collection Datasheets in ring binder (write-in-the-rain paper)
- Writing instruments with waterproof ink
- Nitrile gloves

SHIPPING

- Blue ice
- Coolers
- Nylon-reinforced or 2-inch wide clear tape
- Chain of Custody forms

References

Coeur d'Alene Natural Resource Damage Assessment Standard Operating Procedure. Revised May 3, 1995.

PTI Environmental Services. 1995. Sediment Sampling and Analysis Plan Appendix: Guidance on the Development of Sediment Sampling and Analysis Plan Meeting the Requirements of the Sediment Management Standards - Chapter 173-204 WAC. Draft. Prepared for the Washington State Department of Ecology.

Portland Harbor Sediment Management Plan. 1999. Appendix G: Sediment Assessment Methodology.

Radtke, D.B. 1997. National field manual for the collection of water-quality data: U.S. Geological Survey Techniques of Water-Resources Investigations, Book 9, Chapter A8, accessed 7/8/03 at http://water.usgs.gov/owq/FieldManual/.

U.S. Environmental Protection Agency (EPA). 1994a. Sampling Equipment Decontamination. SOP #2006, Rev. #0.0. August 11, 1994.

U.S. Environmental Protection Agency (EPA). 1994b. Sediment Sampling. SOP #2016, Rev. #0.0. November 17, 1994.

U.S. Environmental Protection Agency (EPA). 2001. Methods for Collection, Storage and Manipulation of Sediments for Chemical and Toxicological Analyses: Technical Manual. EPA-823-B-01-002. October.

Sediment Collection Data Sheet

Site Number / Description:
_____

_____

UTM East: _____ **UTM North**: _____

Note: If GPS location cannot be provided at time of collection, other sufficient identifying information for location shall be provided in "Other Notes" section below to allow GPS coordinates to be subsequently obtained, if possible.

Sampling Interval: _____

Sediment observations:

Sub-sample No.	Approximate depth of loose, flocculent, detrital material overlying sediments	Sediment color, texture, consistency
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		

Sub-sample No.	Approximate depth of loose, flocculent, detrital material overlying sediments	Sediment color, texture, consistency
17		
18		
19		
20		
21		
22		
23		
24		
25		

Other Notes:

Name of Field Crew Leader (print): _____

Name of Field Data Recorder (print): _____

Date of Collection: _____ - _____ - _____ **Time of Collection**: _____
Month Day Year

Initials/Date of Field Data Recorder: _____

Initials/Date of Field Crew Leader: _____

Initials/Date of Review of Data Sheet by Investigation Lead: _____

APPENDIX 4

Chain of Custody Form

CHAIN OF CUSTODY RECORD

Fed Ex # _____

Package # _____

Project Name:	Project #:	Container Type (e.g., padded sample carrier, cooler, etc.):

Sampler(s): Printed Name and Signature

Sample ID	Date Collected	Time Collected	Location	Jar size	Remarks

Special Instructions/Comments:

	Signature	Print Name	Company/Title	Date	Time
Relinquished by:					
Received by:					
Relinquished by:					
Received by:					
Relinquished by:					
Received by:					

Appendix B

Data Quality Assessment Report. Hudson River Natural Resource Damage Assessment. Floodplain Study. Tadpole Tissue and Associated Sediment.

DATA QUALITY ASSESSMENT REPORT

HUDSON RIVER NATURAL RESOURCE DAMAGE ASSESSMENT

FLOODPLAIN STUDY
Tadpole Tissue and Associated Sediment

Prepared for:

State of New York
Department of Environmental Conservation

U.S. Department of Commerce
National Oceanic and Atmospheric Administration

U.S. Department of Interior
Fish and Wildlife Service

April 21, 2004

Version 1.0

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DATA QUALITY ASSESSMENT
Hudson River Natural Resource Damage Assessment
Tadpole Tissue and Associated Sediments

1.0 INTRODUCTION

This report documents the results of a quality assurance review of data from tadpole tissues and the associated sediment samples collected in support of the Hudson River Natural Resource Damage Assessment. All samples were analyzed for PCB congeners, PCB homologue groups, and total PCBs. The tadpole composites were also analyzed for percent lipids. The sediment samples were analyzed for percent moisture, total organic carbon, and grain size.

A total of 155 bullfrog (*Rana catesbeiana*) tadpoles were collected from eight of the nine sites included in this sampling event (no tadpoles were collected from Site 2). One composite sediment sample was also collected from each study site. Field methods are described in *Sampling and Analysis Plan for the Collection of Bullfrog (Rana catesbeiana) Tadpoles and Near-Shore Sediment Samples from the Hudson River, New York*, Final, August 11, 2003.

The tadpoles were transported under chain-of-custody to the US Geological Survey (USGS) Patuxent Wildlife Research Center, where the tadpoles were dissected to remove the gut coils, and then composited. The tadpole composites were shipped to Woods Hole Group Environmental Laboratories for analysis.

A total of 42 tadpole composites and nine sediment composites were submitted for analysis. The tadpole composites were analyzed in three laboratory analytical batches (0312035, 0312036, and 0312044), and the sediment composites were in a separate batch (0312034). One equipment rinsate blank was collected during the tadpole tissue homogenization process at the laboratory, and reported in analytical batch 0312088.

The samples were prepped, extracted, and analyzed by the Woods Hole Group Environmental Laboratories (Raynham, Massachusetts) using laboratory Standard Operating Procedures (SOPs) that were submitted and reviewed prior to sample receipt.

2.0 DATA VALIDATION PROCEDURES

Data validation was based on the quality assurance/quality control (QA/QC) criteria documented in the *Analytical Quality Assurance Plan for the Hudson River Natural Resource Damage Assessment*, Version 1.0, July 9, 2002, and USEPA *National Functional Guidelines for Organic Data Review*, 1999, and the following laboratory SOPs:

- SOP # HR NRDA Project Tissue Prep: Tissue Preparation and Homogenization, Revision #1.0, 9/25/02

- SOP # OP-004: Extraction of Soil, Tissue, Vegetation, and Sediment by Pressurized Fluid Extraction, Revision #2.0, 8/15/02
- SOP # O-010: Determination of PCB Homologues and Individual Congeners by GC/MS - SIM, Revision # 2.2, 10/24/02
- SOP # HR NRDA % Lipids: Percent Lipids Determination, Revision # 0.0, 9/9/02
- SOP # W-001: Percent Solids Determination, Revision # 2.1, 9/25/02
- SOP # W-028: Total Organic Carbon in Soil, Sediment and Water, Revision # 2.0, 1/22/03
- SOP # W-029: Particle Size Analysis of Soils - with and without Hydrometer, and Liquid Limit, Plastic Limit and Plasticity Index, Draft, 1/16/04
- Additional cleanup, sample handling, storage, custody SOPs as necessary.

Sample results and related QC data were received in both an electronic and hard copy format. Electronic data were verified against the hard copy data package. One tadpole composite package and the sediment data package received full validation; the other packages received summary validation.

The following QC elements were reviewed for data packages undergoing summary validation:

- Analytical holding times
- Chain of custody and sample handling
- GC/MS tune verification (from summary forms)
- Method blank contamination (from summary forms)
- Initial and continuing calibration (from summary forms)
- Rinsate blank contamination (from sample result summaries)
- Analytical accuracy: surrogates, matrix spike samples, laboratory control samples, and standard reference material results (from summary forms)
- Analytical precision: laboratory duplicate samples (from summary forms)
- Internal standard areas (from summary forms)
- Reported detection limits (from sample result summaries)

Full validation included review of all the items listed above for summary validation, plus the following QC elements:

- Compound identification (from raw data)
- Compound quantitation, transcription and calculation checks performed at a frequency of 10% from raw data. If an error was noted, 100% of the calculations and transcriptions for that data set were verified.

This report summarizes the results of data validation relative to the analytical data quality objectives (ADQO) for precision, accuracy, and completeness. The report also provides a quantitative and

qualitative assessment of the data and identifies potential sources of error, uncertainty, and bias that may affect the overall usability.

Laboratory QC samples were used to assess the effectiveness of homogenization procedures and to evaluate laboratory-derived contamination, laboratory performance, and sample matrix effects. Quality control samples included: method blanks, laboratory control samples (LCS), matrix spike (MS) samples, laboratory duplicate samples, and standard reference material (SRM) analyses. Surrogates were added to each sample analyzed for PCB congeners to further assess the effects of sample matrix on accuracy.

Data were qualified when associated QC sample results were outside the QC limits. The following definitions provide brief explanations of the qualifiers assigned to results in the data validation process:

J **Estimated**: The associated numerical value is an estimated quantity. The analyte was detected, but the reported value may not be accurate or precise. The "J" qualification indicates the data fell outside the QC limits, but the exceedance was not sufficient to cause rejection of the data.

UJ **Estimated/Not detected**: An analysis was performed for the compound or analyte, but it was not detected and the sample quantitation or detection limit may be inaccurate or imprecise. The associated numerical result is the detection limit.

NJ **Tentatively Identified/Estimated**: The analyte was tentatively identified and the associated numerical value is an estimated quantity.

DNR **Do Not Report:** Data should not be used. A more appropriate result has been reported.

3.0 DATA QUALITY ASSESSMENT

The data package submitted by the laboratory was reviewed to determine whether the analytical data quality objectives (ADQO) specified in Tables 6.1a - 6.1c in the *Analytical Quality Assurance Plan* were met. Each quality control element is discussed briefly below. More details are available in the individual data validation reports presented in **Attachment A**.

3.1 Holding Times and Sample Preservation

The primary analytes of concern for this study are persistent compounds, which have been found to remain stable in tissue after several years of storage. Due to this, no maximum holding time criterion was established. The samples were extracted approximately 4 months after collection. All extracts were analyzed within 30 days from sample extraction. Samples were kept frozen by the laboratory at the required temperature of -20°C ±2°.

3.2 Instrument Calibration

3.2.1 Initial Calibration (ICAL)

The ADQO specification for the initial calibration is that a minimum of a five point calibration would be performed for all analytes, and that the percent relative standard deviation (%RSD) values for all analytes are less than 20%.

All submitted ICAL data met the specified ADQO.

3.2.2 Continuing Calibration (CCAL)

The ADQO specified for the continuing (or daily) calibrations is that a CCAL must be analyzed at the beginning and end of each analytical sequence (or every 12 hours, whichever is more frequent), and that all percent difference (%D) values must be less than 20%. Up to three %D values can be greater than 20%, provided that all %D values are less than 30%.

All CCAL met the ADQO requirements. The %D value for PCB31/28 was greater than 20% (but less than 30%) in two CCALs. The PCB31/28 results were estimated (J or UJ) in the associated samples. Nine results (two detection limits and seven positive results) were qualified based on the CCAL %D outliers.

3.3 GC/MS Tune

GC/MS instrument tuning verifications were performed at the proper frequency, prior to each analytical sequence. All GC/MS tunes met the acceptance criteria specified in the laboratory standard operating procedures.

3.4 Blank Analyses

The method blanks and equipment rinsate blank were acceptable, in that no target analytes were detected in any blank.

3.5 Accuracy

Accuracy is evaluated by comparison of an analytical concentration to a known (true) value. Accuracy was monitored through the use of surrogate compounds in each sample, and SRM, MS, and laboratory control sample (blank spike) analyses. Each QC element is discussed below. Overall, accuracy was acceptable.

3.5.1 Surrogate Compounds

Two surrogate compounds, ^{13}C-BZ#19 and ^{13}C-BZ#202, were added to each sample prior to extraction.

The ADQO specified for surrogate compounds is that all percent recovery (%R) values would be within the 50% - 125% acceptance window. The recovery value from the late eluting surrogate (^{13}C-BZ#202) is used for the quantitation of the reported target analyte concentrations.

All of the surrogate %R values were within the 50% - 125% control limits.

3.5.2 Standard Reference Material Analyses

An SRM was extracted and analyzed with each analytical batch. The SRM selected for the tadpole tissue composites was 1974b - Organics in Mussel Tissue. This SRM has certified values for 27 PCB congeners. One SRM analysis was submitted with each laboratory batch, so a total of three SRM analyses (with 27 certified values each, for a total of 81 data points) were performed.

The ADQO for the SRM is that the reported value must be within ±20% of the 95% confidence interval of the true value, for analytes with values greater than five times the method detection limit (MDL). This ADQO was used by the laboratory to evaluate the reported results. However, during data validation, no data were qualified unless the reported value was greater than ±25% of the 95% confidence interval.

Overall, the SRM accuracy results were acceptable. Two SRM results (2.5% of the total) were greater than the upper control limit (125% of the 95% confidence interval for an individual congener). The outliers were for the following congeners: PCB18 and PCB31/28. The positive results associated with these SRM outliers were estimated (J) to indicate a potential high bias. Twenty-two results (0.9% of the tadpole results) were estimated based on these SRM outliers.

The SRM selected for the sediment analyses was 1944 - New York/New Jersey Waterway Sediment. This SRM has certified values for 28 of the target PCB congeners. One SRM analysis was submitted, for a total of 28 data points. Two SRM results (7.1% of the total) were greater than the upper control limit (125% of the 95% confidence interval for an individual congener). The outliers were for the following congeners: PCB138 and PCB170. The positive results associated with these SRM outliers were estimated (J) to indicate a potential high bias. Sixteen results (2.8 % of the sediment results) were estimated based on these SRM outliers.

Tables 1A, **1B**, and **1C** summarize the SRM results for this study.

3.5.3 Laboratory Control Samples

The laboratory performed laboratory control sample (LCS) analyses at the required frequency of one for every 15 samples or analytical batch, whichever was more frequent. The ADQO for the LCS analyses is that all %R values must be within the acceptance limits of 75% to 125%.

Five LCS analyses were submitted with the samples. Each LCS included 47 target analytes, for a total of 235 data points (%R values). Eleven LCS %R values were greater than the 125% upper control limit, indicating a potential high bias. Associated positive results were estimated (J);

reporting limits were judged as unaffected and no action was taken. Forty-five data points (1.5% of the sample results) were estimated based on the LCS %R outliers.

3.5.4 Matrix Spike Samples

Matrix spike analyses were not performed for the tadpole composite samples due to limited sample volume.

For the sediments, the laboratory analyzed an MS and a duplicate. Each MS sample included 47 spiked analytes, for a total of 94 data points. The ADQO for MS analyses is that all %R values should be within the 50% to 125% control limits. The ADQO does not apply if the concentration in the parent sample is greater than five times the concentration in the spiking solution.

A potential low bias was indicated by two of the MS %R values (one in the MS and one in the duplicate), as the %R values were less than 50% (at 43% and 44%). One data point (the result for PCB110 in Sample SED-009) was estimated (J) based on the MS %R outliers.

3.5.5 Internal Standards

Internal standards were added to each field and QC sample prior to injection onto the analytical instrument. The ADQO for internal standards is that the area of the internal standards in each analysis must be within ±50% of the area of the internal standard in the associated CCAL.

All internal standard areas met the ADQO.

3.6 Precision

Precision is evaluated through replicate analyses of a sample. For this study, laboratory duplicate samples could not be analyzed due to the limited sample volume. An SRM was analyzed with each batch. Overall, precision was judged as acceptable.

3.6.1 Standard Reference Material Analyses

Section 3.5.2 describes the frequency and criteria for the SRM analyses performed with each analytical batch. The results for the SRM analyses associated with the tadpoles and sediments are summarized in **Tables 1A**, **1B**, and **1C**.

SRM accuracy outliers are discussed in **Section 3.5.2**. For congeners with elevated recovery values, the precision %D results (compared to the certified values) were also elevated. For the other congeners, the average %D from the certified values for the 1974b SRM results ranged from 0.43% to 22.8% for each of the congeners with values greater than five times the MDL. Most %D values (18) are less than 10%, indicating good overall precision among the analytical batches.

3.7 Reporting Limits and Sample Results

Method detection limits (MDLs) were determined using low level spikes in tissue from laboratory mice following procedures outlined in the *US Code of Federal Regulations* (40 CFR Part 136, Appendix B). The detection limits for target congeners were generally in the range of 0.02 µg/Kg to 0.22 µg/Kg, with a co-elution of PCB31/28 at 1.38 g/Kg. There were 14 target congeners with MDL values greater than the 0.1 µg/Kg target MDL. The PCB31/28 co-elution MDL value was elevated due to interferences which could not be resolved using the selected method.

The separation and spectral fit for any positive result for the coplanar congeners (PCB77, PCB81, PCB126, and PCB169) were evaluated. PCB77 was the only coplanar congener detected in these samples. PCB110 was found to interfere with PCB77.

For PCB77, the spectral match met general identification criteria, so the laboratory correctly reported the results as positive results. However, due to the interference, the results may be false positives or may be biased high. The potential interferences cannot be resolved without further extract cleanup (e.g., carbon column cleanup). Thus, all positive results for PCB77 were qualified as tentatively identified at an estimated concentration (NJ-21). PCB congener PCB77 was reported as detected in all sediment samples except SED-009, and the results were qualified NJ. A total of eight results for PCB77 were qualified.

Chromatography and mass spectral identification were reviewed for a minimum of 10% of the other reported congeners. No other instances of potential interference were noted. All reported positive results met the identification criteria and chromatographic peak shapes were acceptable. All other reported results were judged to be accurate unless qualified for some other reason.

3.8 Completeness

Out of 3054 results reported by the laboratory (51 samples each with 47 congeners, 10 homologue groups, and total PCBs; percent lipids for the tadpole composites; percent moisture, grain size, and total organic carbon for the sediments), a total of 86 (2.8%) data points were estimated (J). No data were rejected. The completeness level attained for the analysis of the field samples is 100%.

3.9 Summary of Data Usability

A total of 86 out of 3054 results were estimated because of laboratory accuracy outliers. In general, the overall quality of the data is acceptable and the results, as qualified, are considered usable.

TABLE 1A

Summary of Standard Reference Material Results - Tadpoles

STANDARD REFERENCE MATERIAL 1974b - Organic in Mussel Tissue (Mytilus edulis)

Concentrations are ng/g, wet weight

SDG	0312035	0312036	0401044	True Value	Uncertainty	±25% Limits ng/g	
PCB Congener	ng/g	ng/g	ng/g	ng/g	(+/-)	From	To
PCB18	1.03	1.34	0.965	0.84	0.13	0.500	1.18
PCB28/31	6.10	8.19	8.76	6.31	0.48	4.25	8.37
PCB44	3.99	3.81	3.91	3.85	0.20	2.69	5.01
PCB49	4.67	4.65	4.30	5.66	0.23	4.02	7.31
PCB52	6.02	6.30	6.54	6.26	0.37	4.33	8.20
PCB66	5.75	6.07	6.15	6.37	0.37	4.41	8.33
PCB70	6.54	6.62	6.74	6.01	0.22	4.29	7.73
PCB74	2.88	3.09	3.66	3.55	0.23	2.43	4.67
PCB87	4.73	4.79	5.06	4.33	0.36	2.89	5.77
PCB95	5.88	6.59	6.35	6.04	0.36	4.17	7.91
PCB99	5.35	5.45	5.77	5.92	0.27	4.17	7.67
PCB101	10.9	12.4	12.5	10.7	1.1	6.93	14.5
PCB105	3.70	4.28	3.91	4.00	0.18	2.82	5.18
PCB110	8.61	8.97	10.1	10.0	0.7	6.80	13.2
PCB118	11.4	11.4	11.3	10.3	0.4	7.33	13.3
PCB128	2.04	1.84	1.62	1.79	0.12	1.22	2.36
PCB138	11.2	11.2	11.5	9.2	1.4	5.50	12.9
PCB146	1.87	1.79	1.87	1.92	0.16	1.28	2.56
PCB149	6.39	6.85	6.72	7.01	0.28	4.98	9.04
PCB151	1.71	1.82	1.77	1.86	0.16	1.24	2.49
PCB153	10.9	11.0	11.7	12.3	0.8	8.43	16.2
PCB156	0.827	0.621	0.657	0.718	0.080	0.459	0.978
PCB158	1.11	1.00	1.12	0.999	0.096	0.653	1.34
PCB170*	0.438	0.544	0.657	0.269	0.034	0.168	0.370
PCB180	1.34	1.24	1.26	1.17	0.10	0.778	1.56
PCB183	1.28	1.19	1.26	1.25	0.03	0.908	1.59
PCB187	2.81	2.82	2.94	2.94	0.15	2.06	3.83

SDG = Sample Delivery Group, also called analytical batch

*The "True Value" for PCB170 is less than five times the MDL. The acceptance criteria do not apply.

Shaded values are outside the acceptance criteria

TABLE 1B

Summary of Standard Reference Material Results: Statistical Evaluation – Tadpoles

STANDARD REFERENCE MATERIAL 1974b - Organic in Mussel Tissue (Mytilus edulis)

Summary of Analytical Performance

	True Value	Uncertainty	+/- 25% Limits ng/g		Average Result	Minimum Result	Maximum result	Number of	Number of	Standard Deviation	Average vs. True
PCB Congener	ng/g		From	To	ng/g	ng/g	ng/g	Analyses	Outliers	(n-1)	%D
PCB18	0.84	0.13	0.500	1.18	1.11	0.965	1.34	3	1	0.20	-32.3
PCB28/31	6.31	0.48	4.25	8.37	7.68	6.10	8.76	3	1	1.40	-21.8
PCB44	3.85	0.20	2.69	5.01	3.90	3.81	3.99	3	0	0.09	-1.39
PCB49	5.66	0.23	4.02	7.31	4.54	4.30	4.67	3	0	0.21	19.8
PCB52	6.26	0.37	4.33	8.20	6.29	6.02	6.54	3	0	0.26	-0.426
PCB66	6.37	0.37	4.41	8.33	5.99	5.75	6.15	3	0	0.21	5.97
PCB70	6.01	0.22	4.29	7.73	6.63	6.54	6.74	3	0	0.10	-10.4
PCB74	3.55	0.23	2.43	4.67	3.21	2.88	3.66	3	0	0.40	9.58
PCB87	4.33	0.36	2.89	5.77	4.86	4.73	5.06	3	0	0.18	-12.2
PCB95	6.04	0.36	4.17	7.91	6.27	5.88	6.59	3	0	0.36	-3.86
PCB99	5.92	0.27	4.17	7.67	5.52	5.35	5.77	3	0	0.22	6.70
PCB101	10.7	1.1	6.93	14.5	11.9	10.9	12.5	3	0	0.90	-11.5
PCB105	4.00	0.18	2.82	5.18	3.96	3.70	4.28	3	0	0.29	0.917
PCB110	10.0	0.7	6.80	13.2	9.23	8.61	10.1	3	0	0.78	7.73
PCB118	10.3	0.4	7.33	13.3	11.4	11.3	11.4	3	0	0.06	-10.4
PCB128	1.79	0.12	1.22	2.36	1.83	1.62	2.04	3	0	0.21	-2.42
PCB138	9.2	1.4	5.50	12.9	11.3	11.2	11.5	3	0	0.17	-22.8
PCB146	1.92	0.16	1.28	2.56	1.84	1.79	1.87	3	0	0.05	3.99
PCB149	7.01	0.28	4.98	9.04	6.65	6.39	6.85	3	0	0.24	5.09
PCB151	1.86	0.16	1.24	2.49	1.77	1.71	1.82	3	0	0.06	5.02
PCB153	12.3	0.8	8.43	16.2	11.20	10.9	11.7	3	0	0.44	8.94
PCB156	0.718	0.080	0.459	0.978	0.702	0.621	0.827	3	0	0.11	2.27
PCB158	0.999	0.096	0.653	1.34	1.08	1.00	1.12	3	0	0.07	-7.77
PCB170*	0.269	0.034	0.168	0.370	0.546	0.438	0.657	3	NA	0.11	NA
PCB180	1.17	0.10	0.778	1.56	1.28	1.24	1.34	3	0	0.05	-9.40
PCB183	1.25	0.03	0.908	1.59	1.24	1.19	1.28	3	0	0.05	0.533
PCB187	2.94	0.15	2.06	3.83	2.86	2.81	2.94	3	0	0.07	2.83

%D = [(True Value - Average Result) / True Value] X 100

*The "True Value" for PCB170 is less than five times the MDL. The acceptance criteria do not apply.

TABLE 1C
Summary of Standard Reference Material Results – Sediment

STANDARD REFERENCE MATERIAL 1944 - New York/New Jersey Waterway Sediment

Concentrations are ng/g, dry weight

SDG	0312034	True Value	Uncertainty	±25% Limits ng/g	
PCB Congener	ng/g	ng/g	(+/-)	From	To
PCB8	20.3	22.3	2.3	14.4	30.2
PCB18	59.2	51.0	2.6	35.7	66.4
PCB28/31	157	159.5	4.3	115	204
PCB44	62.7	60.2	2.0	43.2	77.3
PCB49	47.1	53.0	1.7	38.1	68.0
PCB52	86.7	79.4	2.0	57.6	101
PCB66	76.1	71.9	4.3	49.6	94.2
PCB87	37.0	29.9	4.3	18.1	41.7
PCB95	50.4	65.0	8.9	39.9	90.2
PCB99	29.3	37.5	2.4	25.7	49.3
PCB101	82.0	73.4	2.5	52.6	94.3
PCB105	27.0	24.5	1.1	17.3	31.7
PCB110	72.0	63.5	4.7	42.9	84.1
PCB118	66.0	58.0	4.3	39.2	76.8
PCB128	6.86	8.47	0.28	6.07	10.9
PCB138	81.1	62.1	3.0	43.6	80.6
PCB149	58.8	49.7	1.2	36.1	63.3
PCB151	20.0	16.93	0.36	12.3	21.5
PCB153	77.0	74.0	2.9	52.6	95.4
PCB156	6.74	6.52	0.66	4.23	8.81
PCB170	29.8	22.6	1.4	15.6	29.7
PCB180	50.4	44.3	1.2	32.0	56.6
PCB183	11.8	12.19	0.57	8.57	15.8
PCB187	26.3	25.1	1.0	17.8	32.4
PCB194	10.5	11.2	1.4	7.00	15.4
PCB195	4.41	3.75	0.39	2.42	5.08
PCB206	7.51	9.21	0.51	6.40	12.0
PCB209	5.55	6.81	0.33	4.78	8.84

SDG = Sample Delivery Group, also called analytical batch
Shaded values are outside the acceptance criteria

ATTACHMENT A

Data Validation Reports by Sample Data Group (SDG)

DATA VALIDATION REPORT - FULL REVIEW
Hudson River
Polychlorinated Biphenyl Congeners, Total Organic Carbon, Grain Size, and Total Solids
SDG: 0312034
Woods Hole Group

This report documents the review of analytical data from the analysis of sediment samples and the associated laboratory quality control samples. Samples were analyzed by Woods Hole Group Environmental Laboratories, Raynham, Massachusetts. The following table lists the samples reviewed.

Field ID	Laboratory ID	Matrix
SED-002	0312034-01	Sediment
SED-001	0312034-02	Sediment
SED-003	0312034-03	Sediment
SED-004	0312034-04	Sediment
SED-005	0312034-05	Sediment
SED-006	0312034-06	Sediment
SED-007	0312034-07	Sediment
SED-008	0312034-08	Sediment
SED-009	0312034-09	Sediment

I. DATA PACKAGE COMPLETENESS

All required deliverables were submitted by the laboratory. The laboratory followed adequate corrective action processes, and all anomalies were discussed in the case narrative.

II. TECHNICAL DATA VALIDATION

The quality control (QC) requirements that were reviewed are listed below.

GC/MS Instrument Performance Check
Initial Calibration (ICAL)
Continuing Calibration (CCAL)
Blanks
1 Surrogate Compounds
2 Matrix Spike (MS)
2 Laboratory Control Samples (LCS)
2 Standard Reference Material (SRM)
1 Laboratory Duplicate
Internal Standards
2 Compound Identification
Calculation Verification
2 Reporting Limits and Sample Results
EDD Transcription Check

[1] ***Quality control results are discussed below, but no data were qualified.***
[2] ***Quality control outliers that impact the reported data were noted. Data qualifiers were issued as discussed below.***

Surrogate Compounds

The percent recovery (%R) value for the C_{13}-PCB19 surrogate was less than the 50% lower control limit at 48%, in the standard reference material analysis. No action was taken.

Matrix Spike/Matrix Spike Duplicate (MS/MSD)

Matrix spike analysis was performed using Sample SED-009. The %R values for PCB110 were less than the 50% lower control limit in both the matrix spike (at 43%) and the matrix spike duplicate (at 44%). As the recovery in the laboratory control sample (LCS) was acceptable, the value for PCB110 was estimated (J-8) in Sample SED-009 only.

Laboratory Control Sample (LCS)

The percent recovery (%R) values for PCB87, PCB118, PCB156, PCB167, PCB170, and PCB189 were greater than the upper control limit of 125%. Positive values for these analytes were estimated (J-10) in the samples. As the outliers indicate a potential high bias, reporting limits were judged unaffected.

Standard Reference Material (SRM)

The laboratory analyzed SRM1944 - New York/New Jersey Waterway Sediment. This SRM has certified values for 28 of the target PCB congeners. The reported concentrations for PCB138 and PCB170 were greater than the upper control limit of the acceptance window [±20% of the 95% confidence interval]. Since the recoveries of these compounds were acceptable in the MS/MSD and/or LCS analyses, no action was taken unless the reported concentrations were also outside a wider control limit of ±25% of the 95% confidence interval.

Since the reported values for both PCB138 and PCB170 were also greater than the +25% upper control limit, positive values for these congeners were estimated (J-12) in all samples. As the SRM results indicate a potential high bias, no action was taken if the congeners were not detected.

Laboratory Duplicate

No laboratory duplicate was performed for the grain size or the PCB congener analysis. Precision for the PCB congener analysis was assessed from the MS/MSD results. Precision was not evaluated for the grain size analysis.

Compound Identification

The separation and spectral fit for any positive result for the coplanar congeners (PCB77, PCB81, PCB126, and PCB169) were evaluated. PCB77 was the only coplanar congener detected in these samples. PCB110 was found to interfere with PCB77.

For PCB77, the spectral match met general identification criteria, so the laboratory correctly reported the results as positive results. However, due to the interference, the results may be false positives or may be biased high. The potential interferences cannot be resolved without further extract cleanup (e.g., carbon column cleanup). Thus, all positive results for PCB77 were qualified as tentatively identified at an estimated concentration (NJ-21). PCB congener PCB77 was reported as detected in all samples except SED-009, and the results were qualified NJ.

Although not a coplanar congener, an interference was also noted for PCB157. For PCB157, the peak co-elutes with the non-target PCB200. However, the quantitation ions for PCB157 (a hexachlorobiphenyl) and PCB200 (an octachlorobiphenyl) are sufficiently different that each congener can be resolved despite the co-elution. No action was taken for the PCB157 results.

Chromatography and mass spectral identification were reviewed for a minimum of 10% of all other reported congeners. No other instances of potential interference were noted. All reported positive results met the identification criteria and chromatographic peak shapes were acceptable.

Reporting Limits and Sample Results

Samples SED-002, SED-004, and SED-007 required dilution due to values that exceeded the linear range of the instrument. Both sets of data were reported by the laboratory. In order that only one set of data be reported, values that exceeded the linear range of the instrument were qualified as do-not-report (DNR-20) in the initial analyses and should be reported from the dilutions. The values for all analytes except those that exceeded the linear range in the initial analyses were qualified as do-not-report (DNR-14) in the dilution analyses.

For GCMS-SIM analysis, response factors are generated for each congener during the calibration process. The relative area of a peak is divided by the appropriate response factor to calculate the concentration of the congener. For the homologue groups (monochlorobiphenyl, dichlorobiphenyl, etc.), a representative response factor is used. For example, the response factor for PCB29 is used as the representative response factor for all trichlorobiphenyls.

In several samples, the reported trichlorobiphenyl and/or heptachlorobiphenyl homologue group total values were less than the sum of the individual congeners. This occurs because the representative response factor is sufficiently different from the target congener response factors generated during the calibration. For example, the response factor for the PCB31/28 co-elution (detected in most samples) is lower than the trichlorobiphenyl representative response factor. Since the areas are divided by the response factors, this results in a lower concentration for the total trichlorobiphenyls, even if PCB31/28 is the only detected congener in the chlorination level.

Unless all 209 congeners are calibrated, any reported total for a chlorination level will have some inherent variability. The differences for the Total Homologue values are all less than 1.0%. This is within the variability of the method, thus no action was taken.

III. Overall Assessment

As was determined by this evaluation, the laboratory followed the specified analytical methods. Accuracy was acceptable, as demonstrated by the surrogate, laboratory control sample (LCS), standard reference material (SRM), and matrix spike/matrix spike duplicate (MS/MSD) percent recovery values, with the exceptions noted above. Precision was acceptable as demonstrated by the relative percent difference values for the MS/MSD and laboratory duplicate analyses.

Data were estimated due to MS, LCS, and SRM recovery outliers. Data were qualified as tentatively identified due to potential interference. Data were qualified as do-not-report due to concentrations greater than the linear range of the instrument and the existence of duplicate data.

Data that have been qualified as do-not-report should not be used for any purpose. All other data, as qualified, are acceptable for use.

DATA VALIDATION REPORT - FULL REVIEW
Hudson River
Polychlorinated Biphenyl Congeners and Percent Lipids
SDG: 0312035
Woods Hole Group

This report documents the review of analytical data from the analysis of tadpole tissue composites and the associated laboratory quality control samples. Samples were analyzed by Woods Hole Group Environmental Laboratories, Raynham, Massachusetts. The following table lists the samples reviewed.

Field ID	Laboratory ID
BTC-001-001	0312035-01
BTC-001-002	0312035-02
BTC-001-003	0312035-03
BTC-003-001	0312035-04
BTC-003-002	0312035-05
BTC-003-003	0312035-06
BTC-004-001	0312035-07
BTC-004-002	0312035-08
BTC-004-003	0312035-09
BTC-005-001	0312035-10

Field ID	Laboratory ID
BTC-005-002	0312035-11
BTC-006-001	0312035-12
BTC-006-002	0312035-13
BTC-007-001	0312035-14
BTC-007-002	0312035-15
BTC-008-001	0312035-16
BTC-008-002	0312035-17
BTC-009-001	0312035-18
BTC-009-002	0312035-19

I. DATA PACKAGE COMPLETENESS

All required deliverables were submitted by the laboratory. The laboratory followed adequate corrective action processes, and all anomalies were discussed in the case narrative.

II. TECHNICAL DATA VALIDATION

The quality control (QC) requirements that were reviewed are listed below.

	GC/MS Instrument Performance Check
	Initial Calibration (ICAL)
	Continuing Calibration (CCAL)
	Blanks
1	Surrogate Compounds
1	Matrix Spike (MS)
	Laboratory Control Samples (LCS)
1	Standard Reference Material (SRM)
1	Laboratory Duplicate
	Internal Standards
1	Compound Identification
	Calculation Verification
1	Reporting Limits and Sample Results
	EDD Transcription Check

[1] ***Quality control results are discussed below, but no data were qualified.***
[2] ***Quality control outliers that impact the reported data were noted. Data qualifiers were issued as discussed below.***

Surrogate Compounds

The percent recovery (%R) value for the C_{13}-PCB19 surrogate was less than the lower control limit of 50, at 46%, in Sample BTC-009-001. This surrogate is not used for recovery correction, and the %R value for the surrogate used for recovery correction (C_{13}-PCB202 at 58%) was acceptable. No action was taken.

Matrix Spike (MS)

Matrix spike analysis was not performed due to insufficient sample volume.

Standard Reference Material (SRM)

The laboratory analyzed an aliquot of SRM 1974b - Organics in Mussel Tissue. This SRM has certified values for 27 of the target PCB congeners. The reported concentration for PCB170 was greater than the upper control limit of the acceptance window [±20% of the 95% confidence interval]. However, the certified concentration for PCB170 is less than five times the established method detection limit (MDL) for this analyte, and therefore the criteria do not apply. No qualifiers were assigned.

Laboratory Duplicate

No laboratory duplicate was performed due to insufficient sample volume.

Compound Identification

Chromatography and mass spectral identification were reviewed for a minimum of 10% of all reported congeners. No instances of potential interference were noted. All reported positive results met the identification criteria and chromatographic peak shapes were acceptable.

Reporting Limits and Sample Results

Sample BTC-004-001 was analyzed at a dilution (2.18X) based on screening values. Reporting limits were elevated accordingly. No action was taken.

In Samples BTC-001-001, BTC-001-002, BTC-001-003, BTC-006-001, BTC-009-001, and BTC-009-002, the value reported for the trichlorobiphenyl homologue group is less than the sum of the individual target trichlorobiphenyl congeners reported in these samples. In Sample BTC-005-002 the value reported for the heptachlorobiphenyl homologue group is less than the sum of the individual target heptachlorobiphenyl congeners reported in this sample.

PCB congener response factors are generated for each target congener during the calibration process. The relative area of a peak is divided by the appropriate response factor to calculate the

concentration of the congener. For the homologue groups (monochlorobiphenyl, dichlorobiphenyl, etc.), a representative response factor is used. For example, the response factor for PCB29 is used as the representative response factor for all trichlorobiphenyls.

In the cases above, where the reported trichlorobiphenyl or heptachlorobiphenyl homologue group total values are less than the sum of the individual congeners, the representative response factor selected for homologue calculation is sufficiently different from the target congener response factors generated during the calibration. For example, the response factor for the PCB31/28 co-elution (detected in most samples) is lower than the trichlorobiphenyl representative response factor. Since the areas are divided by the response factors, this results in a lower concentration for the total trichlorobiphenyls, even if PCB31/28 is the only detected congener in the chlorination level.

Unless all 209 congeners are calibrated, any reported total for a chlorination level will have some inherent variability. For example, for the trichlorobiphenyl and heptachlorobiphenyl results, the greatest difference between the calculated (by summing the congeners) and reported result is 2.1% (for values with concentrations greater than the reporting limit). The differences noted for the Total Homologue values are all less than 1.0%. This is within the variability of the method, thus no action was taken.

III. Overall Assessment

As was determined by this evaluation, the laboratory followed the specified analytical methods. Accuracy was acceptable, as demonstrated by the surrogate, LCS, and SRM recovery values.

All data, as reported, are acceptable for use.

DATA VALIDATION REPORT - SUMMARY REVIEW
Hudson River
Polychlorinated Biphenyl Congeners and Percent Lipids
SDG: 0312036
Woods Hole Group

This report documents the review of analytical data from the analysis of tadpole tissue composites and the associated laboratory quality control samples. Samples were analyzed by Woods Hole Group Environmental Laboratories, Raynham, Massachusetts. The following table lists the samples reviewed.

Field ID	Laboratory ID
BTC-001-004	0312036-01
BTC-001-005	0312036-02
BTC-001-006	0312036-03
BTC-001-007	0312036-04
BTC-003-004	0312036-05
BTC-004-004	0312036-06
BTC-004-005	0312036-07
BTC-005-003	0312036-08

Field ID	Laboratory ID
BTC-005-004	0312036-09
BTC-005-005	0312036-10
BTC-006-003	0312036-11
BTC-006-004	0312036-12
BTC-006-005	0312036-13
BTC-006-006	0312036-14
BTC-007-003	0312036-15

I. DATA PACKAGE COMPLETENESS

All required deliverables were submitted by the laboratory. The laboratory followed adequate corrective action processes, and all anomalies were discussed in the case narrative.

II. TECHNICAL DATA VALIDATION

The quality control (QC) requirements that were reviewed are listed below.

GC/MS Instrument Performance Check
Initial Calibration (ICAL)
Continuing Calibration (CCAL)
Blanks
Surrogate Compounds
1 Matrix Spike (MS)
Laboratory Control Samples (LCS)
2 Standard Reference Material (SRM)
1 Laboratory Duplicate
Internal Standards
Compound Identification
1 Reporting Limits and Sample Results
EDD Transcription Check

[1] ***Quality control results are discussed below, but no data were qualified.***
[2] ***Quality control outliers that impact the reported data were noted. Data qualifiers were issued as discussed below.***

Matrix Spike (MS)

Matrix spike analysis was not performed due to insufficient sample volume.

Standard Reference Material (SRM)

The laboratory analyzed an aliquot of SRM 1974b - Organics in Mussel Tissue. This SRM has certified values for 27 of the target PCB congeners. The reported concentrations for PCB18, PCB31/28, and PCB170 were greater than the upper control limit of the acceptance window (±20% of the 95% confidence interval). However, the certified concentration for PCB170 is less than five times the established method detection limit (MDL) for this analyte, and therefore the criteria do not apply. Since the recoveries of the other compounds were acceptable in the laboratory control sample (LCS) analyses, no action was taken unless the reported concentrations were also outside a wider control limit of ±25% of the 95% confidence interval.

The reported value for PCB31/28 was within a wider window of ±25% of the 95% confidence interval, and no qualifiers were assigned to PCB31/28. The reported value for PCB18 was greater than the upper limit of the wider window of ±25% of the 95% confidence interval. PCB18 was detected in all samples, and these values were estimated (J-12).

Laboratory Duplicate

No laboratory duplicate was performed due to insufficient sample volume.

Reporting Limits and Sample Results

In Samples BTC-001-004, BTC-001-005, BTC-001-006, and BTC-006-007 the value reported for the trichlorobiphenyl homologue group is less than the sum of the individual target trichlorobiphenyl congeners reported in these samples.

PCB congener response factors are generated for each target congener during the calibration process. The relative area of a peak is divided by the appropriate response factor to calculate the concentration of the congener. For the homologue groups (monochlorobiphenyl, dichlorobiphenyl, etc.), a representative response factor is used. For example, the response factor for PCB29 is used as the representative response factor for all trichlorobiphenyls.

In the cases above, where the reported trichlorobiphenyl homologue group total values are less than the sum of the individual congeners, the representative response factor selected for homologue calculation is sufficiently different from the target congener response factors generated during the calibration. For example, the response factor for the PCB31/28 co-elution (detected in most samples) is lower than the trichlorobiphenyl representative response factor. Since the areas are divided by the response factors, this results in a lower concentration for the total trichlorobiphenyls, even if PCB31/28 is the only detected congener in the chlorination level.

Unless all 209 congeners are calibrated, any reported total for a chlorination level will have some inherent variability. The differences noted for the Total Homologue values are within the variability of the method, thus no action was taken.

III. Overall Assessment

As was determined by this evaluation, the laboratory followed the specified analytical methods. Accuracy was acceptable, as demonstrated by the surrogate, LCS, and SRM recovery values, with the exceptions noted above.

Data were qualified as estimated due to an SRM recovery outlier.

All data, as qualified, are acceptable for use.

DATA VALIDATION REPORT - SUMMARY REVIEW
Hudson River
Polychlorinated Biphenyl Congeners
SDG: 0312088
Woods Hole Group

This report documents the review of analytical data from the analysis of one equipment rinsate blank and the associated laboratory quality control samples. Samples were analyzed by Woods Hole Group Environmental Laboratories, Raynham, Massachusetts.

I. DATA PACKAGE COMPLETENESS

All required deliverables were submitted by the laboratory. The laboratory followed adequate corrective action processes, and all anomalies were discussed in the case narrative.

II. TECHNICAL DATA VALIDATION

The quality control (QC) requirements that were reviewed are listed below.

	GC/MS Instrument Performance Check	1	Standard Reference Material (SRM)
	Initial Calibration (ICAL)	1	Laboratory Duplicate
2	Continuing Calibration (CCAL)		Internal Standards
	Blanks		Compound Identification
	Surrogate Compounds		Reporting Limits and Sample Results
1	Matrix Spike (MS)		EDD Transcription Check
1	Laboratory Control Samples (LCS)		

[1] ***Quality control results are discussed below, but no data were qualified.***
[2] ***Quality control outliers that impact the reported data were noted. Data qualifiers were issued as discussed below.***

Continuing Calibration (CCAL)

The percent difference (%D) value of PCB31/28 (at 21.7%) was greater than the control limit of ±20% in the CCAL performed December 29, 2003 at 14:50. The reporting limit for this analyte was estimated (UJ-5B) in the sample.

Matrix Spike (MS)

No matrix spikes (MS) were performed with this SDG.

Laboratory Control Sample (LCS)

The percent recovery (%R) values for PCB189, PCB194, PCB195, PCB206, and PCB209 were greater than the upper control limit of 125% in the LCS submitted with this SDG. As these analytes were not detected in the sample, and the outliers indicate a potential high bias, no action was taken.

Standard Reference Material (SRM)

A standard reference material (SRM) was not analyzed with this SDG.

Laboratory Duplicate

A laboratory duplicate was not performed.

III. Overall Assessment

As was determined by this evaluation, the laboratory followed the specified analytical methods. Accuracy was acceptable, as demonstrated by the surrogate and LCS %R values, with the exceptions noted above. Laboratory precision was not evaluated.

One data point was estimated due to a continuing calibration percent difference outlier.

All data, as qualified, are acceptable for use.

DATA VALIDATION REPORT - SUMMARY REVIEW
Hudson River
Polychlorinated Biphenyl Congeners and Percent Lipids
SDG: 0401044
Woods Hole Group

This report documents the review of analytical data from the analysis of tadpole tissue composites and the associated laboratory quality control samples. Samples were analyzed by Woods Hole Group Environmental Laboratories, Raynham, Massachusetts. The following table lists the samples reviewed.

Field ID	Laboratory ID
BTC-007-004	0401044-01
BTC-008-003	0401044-02
BTC-008-004	0401044-03
BTC-008-005	0401044-04
BTC-008-006	0401044-05
BTC-009-003	0401044-06
BTC-009-004	0401044-07
BTC-009-005	0401044-08

I. DATA PACKAGE COMPLETENESS

All required deliverables were submitted by the laboratory. The laboratory followed adequate corrective action processes, and all anomalies were discussed in the case narrative.

II. TECHNICAL DATA VALIDATION

The quality control (QC) requirements that were reviewed are listed below.

	GC/MS Instrument Performance Check
	Initial Calibration (ICAL)
2	Continuing Calibration (CCAL)
	Blanks
	Surrogate Compounds
1	Matrix Spike (MS)
	Laboratory Control Samples (LCS)
1	Standard Reference Material (SRM)
1	Laboratory Duplicate
	Internal Standards
	Compound Identification
1	Reporting Limits and Sample Results
	EDD Transcription Check

[1] ***Quality control results are discussed below, but no data were qualified.***
[2] ***Quality control outliers that impact the reported data were noted. Data qualifiers were issued as discussed below.***

Continuing Calibration (CCAL)

The percent difference (%D) value of PCB31/28 (at 20.9%) was greater than the control limit of ±20% in the CCAL performed January 28, 2004 at 16:17. Positive values and/or reporting limits for this analyte were estimated (J/UJ-5B) in the samples.

Matrix Spike (MS)

Matrix spike analysis was not performed due to insufficient sample volume.

Standard Reference Material (SRM)

The laboratory analyzed an aliquot of SRM 1974b - Organics in Mussel Tissue. This SRM has certified values for 27 of the target PCB congeners. The reported concentrations for PCB31/28, PCB49, and PCB170 were greater than the upper control limit of the acceptance window (±20% of the 95% confidence interval). However, the certified concentration for PCB170 is less than five times the established method detection limit (MDL) for this analyte, and therefore the criteria do not apply. Since the recoveries of the other compounds were acceptable in the laboratory control sample (LCS) analyses, no action was taken unless the reported concentrations were also outside a wider control limit of ±25% of the 95% confidence interval.

The reported value for PCB49 was within a wider window of ±25% of the 95% confidence interval, and no qualifiers were assigned to PCB49. The reported value for PCB31/28 was greater than the upper limit of the wider window of ±25% of the 95% confidence interval. PCB31/28 was detected in all samples except BTC-009-005. The positive results were estimated (J-12). As the outlier indicated a potential high bias, the detection limit in BTC-009-005 was not affected, and no further action was taken.

Laboratory Duplicate

No laboratory duplicate was performed due to insufficient sample volume.

Reporting Limits and Sample Results

In Samples BTC-009-003 and BTC-009-004 the value reported for the trichlorobiphenyl homologue group is less than the sum of the individual target trichlorobiphenyl congeners reported in these samples.

PCB congener response factors are generated for each target congener during the calibration process. The relative area of a peak is divided by the appropriate response factor to calculate the concentration of the congener. For the homologue groups (monochlorobiphenyl, dichlorobiphenyl, etc.), a representative response factor is used. For example, the response factor for PCB29 is used as the representative response factor for all trichlorobiphenyls.

In the cases above, where the reported trichlorobiphenyl homologue group total values are less than the sum of the individual congeners, the representative response factor selected for homologue calculation is sufficiently different from the target congener response factors generated during the calibration. For example, the response factor for the PCB31/28 co-elution (detected in most samples) is lower than the trichlorobiphenyl representative response factor. Since the areas are divided by the response factors, this results in a lower concentration for the total trichlorobiphenyls, even if PCB31/28 is the only detected congener in the chlorination level.

Unless all 209 congeners are calibrated, any reported total for a chlorination level will have some inherent variability. The differences noted for the Total Homologue values are within the variability of the method, thus no action was taken.

III. Overall Assessment

As was determined by this evaluation, the laboratory followed the specified analytical methods. Accuracy was acceptable, as demonstrated by the surrogate, LCS, and SRM recovery values, with the exceptions noted above.

Data were qualified due to a continuing calibration percent difference outlier and a SRM outlier.

All data, as qualified, are acceptable for use.

Appendix C

Bullfrog Tadpole Data Sheets.

Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl7-BZ#187	.414	µg/Kg	.0663	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl6-BZ#146	.437	µg/Kg	.0753	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl6-BZ#149	.655	µg/Kg	.0964	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl6-BZ#151	.226 J	µg/Kg	.160	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl6-BZ#153	2.23	µg/Kg	.137	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl6-BZ#156	.309 J	µg/Kg	.0980	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl6-BZ#157	.226 J	µg/Kg	.0769	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl6-BZ#158	.158 J	µg/Kg	.0648	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl6-BZ#167	.113 J	µg/Kg	.0829	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl6-BZ#169	.267 U	µg/Kg	.267	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Hexachlorobiphenyls	9.33	µg/Kg	.267	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl7-BZ#170	.339 J	µg/Kg	.310	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl7-BZ#174	.121 J	µg/Kg	.0633	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl6-BZ#138	2.70	µg/Kg	.119	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl7-BZ#189	.119 U	µg/Kg	.119	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl7-BZ#177	.151 J	µg/Kg	.0889	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Heptachlorobiphenyls	2.19	µg/Kg	.310	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl8-BZ#194	.139 U	µg/Kg	.139	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl8-BZ#195	.137 U	µg/Kg	.137	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl8-BZ#201	.121 U	µg/Kg	.121	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Octachlorobiphenyls	1.31	µg/Kg	.139	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl9-BZ#206	.161 U	µg/Kg	.161	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Nonachlorobiphenyls	.161 U	µg/Kg	.161	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl10-BZ#209	.0753 U	µg/Kg	.0753	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Decachlorobiphenyl	.0753 U	µg/Kg	.0753	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Total Homologues	67.0	µg/Kg	4.43	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Percent Lipids	2.8	%	0.10	%
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Monochlorobiphenyls	4.43 U	µg/Kg	4.43	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl7-BZ#180	.490 J	µg/Kg	.133	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl4-BZ#44	.618 J	µg/Kg	.197	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl4-BZ#70	2.40	µg/Kg	.115	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl4-BZ#66	3.40	µg/Kg	.131	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl4-BZ#56	.889	µg/Kg	.0980	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl4-BZ#52	2.34	µg/Kg	.187	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl4-BZ#49	1.11	µg/Kg	.164	µg/Kg

[1]BZ# = PCB congener Ballschmiter & Zell number
[2]U = Non-detected result at the detection limit
J/UJ = Estimated result or detection limit
[3]PCB results & detection limit reported on wet weight basis

Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl4-BZ#74	2.17	µg/Kg	.202	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl4-BZ#45	.264 U	µg/Kg	.264	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Dichlorobiphenyls	.130 U	µg/Kg	.130	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Trichlorobiphenyls	7.31	µg/Kg	2.08	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl3-BZ#31/#28	17.7	µg/Kg	2.08	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl3-BZ#18	2.38	µg/Kg	.288	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl6-BZ#128	.497	µg/Kg	.0829	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl2-BZ#8	.130 U	µg/Kg	.130	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl7-BZ#183	.136 J	µg/Kg	.0603	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl4-BZ#47	2.06	µg/Kg	.335	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl5-BZ#123	.104 U	µg/Kg	.104	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl5-BZ#126	.0919 U	µg/Kg	.0919	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl5-BZ#118	4.37	µg/Kg	.124	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl5-BZ#114	.0527 U	µg/Kg	.0527	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl5-BZ#110	.377 J	µg/Kg	.115	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl5-BZ#105	1.76	µg/Kg	.0588	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl5-BZ#101	2.05	µg/Kg	.121	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl5-BZ#95	.806	µg/Kg	.0618	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl5-BZ#87	.979	µg/Kg	.0799	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Tetrachlorobiphenyls	24.4	µg/Kg	.335	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl4-BZ#81	.179 U	µg/Kg	.179	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl4-BZ#77	.181 U	µg/Kg	.181	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Cl5-BZ#99	1.87	µg/Kg	.0422	µg/Kg
8/20/2003	BTC-001-001	614708	4782936	1	0312035-01	Pentachlorobiphenyls	22.4	µg/Kg	.124	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl6-BZ#151	.233 J	µg/Kg	.154	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl7-BZ#177	.131 J	µg/Kg	.0859	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl7-BZ#174	.109 J	µg/Kg	.0612	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl7-BZ#170	.300 U	µg/Kg	.300	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Hexachlorobiphenyls	9.12	µg/Kg	.258	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl6-BZ#169	.258 U	µg/Kg	.258	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl6-BZ#167	.0801 J	µg/Kg	.0801	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl6-BZ#158	.102 J	µg/Kg	.0626	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl6-BZ#157	.262 J	µg/Kg	.0743	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl6-BZ#153	1.84	µg/Kg	.132	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl6-BZ#149	.553	µg/Kg	.0932	µg/Kg

[1]BZ# = PCB congener Ballschmiter & Zell number
[2]U = Non-detected result at the detection limit
J/UJ = Estimated result or detection limit
[3]PCB results & detection limit reported on wet weight basis

Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl7-BZ#180	.502 J	µg/Kg	.128	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Octachlorobiphenyls	1.08	µg/Kg	.134	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl6-BZ#146	.364	µg/Kg	.0728	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl6-BZ#156	.182 J	µg/Kg	.0946	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl7-BZ#183	.0874 J	µg/Kg	.0582	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl7-BZ#189	.115 U	µg/Kg	.115	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl7-BZ#187	.299 J	µg/Kg	.0641	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Heptachlorobiphenyls	3.17	µg/Kg	.300	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl8-BZ#194	.134 U	µg/Kg	.134	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Percent Lipids	2.2	%	0.10	%
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl8-BZ#201	.116 U	µg/Kg	.116	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl6-BZ#138	2.14	µg/Kg	.115	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl9-BZ#206	.156 U	µg/Kg	.156	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Nonachlorobiphenyls	.156 U	µg/Kg	.156	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl10-BZ#209	.0728 U	µg/Kg	.0728	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Decachlorobiphenyl	.0728 U	µg/Kg	.0728	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Total Homologues	69.9	µg/Kg	4.28	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl4-BZ#70	1.81	µg/Kg	.111	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl8-BZ#195	.132 U	µg/Kg	.132	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl2-BZ#8	.125 U	µg/Kg	.125	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl4-BZ#77	.175 U	µg/Kg	.175	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Monochlorobiphenyls	4.28 U	µg/Kg	4.28	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl6-BZ#128	.408	µg/Kg	.0801	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Dichlorobiphenyls	.125 U	µg/Kg	.125	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl3-BZ#18	2.88	µg/Kg	.278	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl3-BZ#31/#28	28.1	µg/Kg	2.00	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Trichlorobiphenyls	7.26	µg/Kg	2.00	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl4-BZ#44	.495 J	µg/Kg	.191	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl4-BZ#45	.255 U	µg/Kg	.255	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl4-BZ#47	1.81	µg/Kg	.323	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl4-BZ#49	.939	µg/Kg	.159	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl4-BZ#52	1.91	µg/Kg	.181	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl4-BZ#56	.371 J	µg/Kg	.0946	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl4-BZ#66	2.18	µg/Kg	.127	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl5-BZ#123	.101 U	µg/Kg	.101	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl4-BZ#74	1.43	µg/Kg	.195	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl5-BZ#126	.0888 U	µg/Kg	.0888	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl5-BZ#118	3.43	µg/Kg	.119	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl5-BZ#114	.0510 U	µg/Kg	.0510	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl5-BZ#110	.328 J	µg/Kg	.111	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl5-BZ#105	1.29	µg/Kg	.0568	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl5-BZ#101	1.59	µg/Kg	.116	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl5-BZ#95	.481	µg/Kg	.0597	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl5-BZ#87	.772	µg/Kg	.0772	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Tetrachlorobiphenyls	26.6	µg/Kg	.323	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl4-BZ#81	.173 U	µg/Kg	.173	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Cl5-BZ#99	1.43	µg/Kg	.0408	µg/Kg
8/20/2003	BTC-001-002	614708	4782936	1	0312035-02	Pentachlorobiphenyls	22.7	µg/Kg	.119	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl6-BZ#156	.132 J	µg/Kg	.0906	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl7-BZ#177	.0837 J	µg/Kg	.0823	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl7-BZ#174	.119 J	µg/Kg	.0586	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl7-BZ#170	.287 U	µg/Kg	.287	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Hexachlorobiphenyls	5.52	µg/Kg	.247	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl6-BZ#169	.247 U	µg/Kg	.247	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl6-BZ#167	.112 J	µg/Kg	.0767	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl6-BZ#149	.328 J	µg/Kg	.0892	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl6-BZ#157	.209 J	µg/Kg	.0711	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl6-BZ#153	1.15	µg/Kg	.127	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl7-BZ#180	.265 J	µg/Kg	.123	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl6-BZ#151	.160 J	µg/Kg	.148	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl9-BZ#206	.149 U	µg/Kg	.149	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl6-BZ#158	.0600 U	µg/Kg	.0600	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl7-BZ#183	.0558 U	µg/Kg	.0558	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl7-BZ#189	.110 U	µg/Kg	.110	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl7-BZ#187	.230 J	µg/Kg	.0614	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Heptachlorobiphenyls	2.05	µg/Kg	.287	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl8-BZ#194	.128 U	µg/Kg	.128	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl8-BZ#195	.127 U	µg/Kg	.127	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Percent Lipids	1.9	%	0.10	%
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Octachlorobiphenyls	1.10	µg/Kg	.128	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Nonachlorobiphenyls	.149 U	µg/Kg	.149	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl10-BZ#209	.0697 U	µg/Kg	.0697	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Decachlorobiphenyl	.0697 U	µg/Kg	.0697	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Total Homologues	47.7	µg/Kg	4.10	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl6-BZ#146	.237 J	µg/Kg	.0697	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Pentachlorobiphenyls	14.8	µg/Kg	.114	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl8-BZ#201	.112 U	µg/Kg	.112	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl4-BZ#44	.307 J	µg/Kg	.183	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl4-BZ#70	1.31	µg/Kg	.106	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl4-BZ#66	1.92	µg/Kg	.121	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl4-BZ#56	.551	µg/Kg	.0906	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl4-BZ#52	1.35	µg/Kg	.173	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl4-BZ#49	.641 J	µg/Kg	.152	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl4-BZ#74	1.22	µg/Kg	.187	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl4-BZ#45	.244 U	µg/Kg	.244	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Dichlorobiphenyls	.120 U	µg/Kg	.120	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Trichlorobiphenyls	4.09	µg/Kg	1.92	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl3-BZ#31/#28	21.5	µg/Kg	1.92	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl3-BZ#18	2.63	µg/Kg	.266	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl2-BZ#8	.120 U	µg/Kg	.120	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl6-BZ#138	1.36	µg/Kg	.110	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl6-BZ#128	.174 J	µg/Kg	.0767	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl4-BZ#47	1.62	µg/Kg	.310	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl5-BZ#114	.0488 U	µg/Kg	.0488	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Monochlorobiphenyls	4.10 U	µg/Kg	4.10	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl4-BZ#77	.167 U	µg/Kg	.167	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl5-BZ#118	2.37	µg/Kg	.114	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl5-BZ#126	.0851 U	µg/Kg	.0851	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl5-BZ#110	.188 J	µg/Kg	.106	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl5-BZ#105	.913	µg/Kg	.0544	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl5-BZ#101	1.23	µg/Kg	.112	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl5-BZ#99	1.11	µg/Kg	.0390	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl5-BZ#95	.321	µg/Kg	.0572	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl5-BZ#87	.544	µg/Kg	.0739	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Tetrachlorobiphenyls	20.2	µg/Kg	.310	µg/Kg

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8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl4-BZ#81	.166 U	µg/Kg	.166	µg/Kg
8/20/2003	BTC-001-003	614708	4782936	1	0312035-03	Cl5-BZ#123	.0962 U	µg/Kg	.0962	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl7-BZ#174	.0844 U	µg/Kg	.0844	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl7-BZ#170	.414 U	µg/Kg	.414	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Hexachlorobiphenyls	9.27	µg/Kg	.356	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl6-BZ#169	.356 U	µg/Kg	.356	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl6-BZ#167	.120 J	µg/Kg	.111	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl6-BZ#158	.0864 U	µg/Kg	.0864	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl6-BZ#157	1.08	µg/Kg	.102	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl6-BZ#156	.171 J	µg/Kg	.131	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl6-BZ#153	1.37	µg/Kg	.183	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl6-BZ#151	.213 U	µg/Kg	.213	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl6-BZ#146	.281 J	µg/Kg	.100	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl8-BZ#201	.161 U	µg/Kg	.161	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl6-BZ#138	1.61	µg/Kg	.159	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl6-BZ#149	.422 J	µg/Kg	.129	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl7-BZ#180	.331 J	µg/Kg	.177	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Percent Lipids	2.0	%	0.10	%
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl7-BZ#189	.159 U	µg/Kg	.159	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl7-BZ#187	.231 J	µg/Kg	.0884	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Heptachlorobiphenyls	2.23	µg/Kg	.414	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Total Homologues	97.9	µg/Kg	5.91	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl8-BZ#195	.183 U	µg/Kg	.183	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Octachlorobiphenyls	2.36	µg/Kg	.185	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl9-BZ#206	.215 U	µg/Kg	.215	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Nonachlorobiphenyls	.215 U	µg/Kg	.215	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl10-BZ#209	.100 U	µg/Kg	.100	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Decachlorobiphenyl	.100 U	µg/Kg	.100	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl6-BZ#128	.221 J	µg/Kg	.111	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl7-BZ#177	.119 U	µg/Kg	.119	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl8-BZ#194	.185 U	µg/Kg	.185	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl4-BZ#47	1.80 J	µg/Kg	.446	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl7-BZ#183	.0804 U	µg/Kg	.0804	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl2-BZ#8	.173 U	µg/Kg	.173	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Dichlorobiphenyls	.173 U	µg/Kg	.173	µg/Kg

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8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl3-BZ#18	2.10 J	µg/Kg	.384	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl3-BZ#31/#28	31.5	µg/Kg	2.77	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Trichlorobiphenyls	7.44	µg/Kg	2.77	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Pentachlorobiphenyls	49.0	µg/Kg	.165	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl4-BZ#45	.352 U	µg/Kg	.352	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Monochlorobiphenyls	5.91 U	µg/Kg	5.91	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl4-BZ#49	.874 J	µg/Kg	.219	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl4-BZ#52	1.70	µg/Kg	.249	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl4-BZ#56	.643 J	µg/Kg	.131	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl4-BZ#66	2.21	µg/Kg	.175	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl4-BZ#70	1.62	µg/Kg	.153	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl5-BZ#110	.271 J	µg/Kg	.153	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl5-BZ#126	.123 U	µg/Kg	.123	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl4-BZ#44	.502 J	µg/Kg	.263	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl4-BZ#74	1.34 J	µg/Kg	.269	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl5-BZ#123	.139 U	µg/Kg	.139	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl5-BZ#114	.0703 U	µg/Kg	.0703	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl5-BZ#105	.834	µg/Kg	.0783	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl5-BZ#101	1.44	µg/Kg	.161	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl5-BZ#99	1.34	µg/Kg	.0562	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl5-BZ#95	.593	µg/Kg	.0824	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl5-BZ#87	.603	µg/Kg	.106	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Tetrachlorobiphenyls	27.7	µg/Kg	.446	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl4-BZ#81	.239 U	µg/Kg	.239	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl4-BZ#77	.241 U	µg/Kg	.241	µg/Kg
8/20/2003	BTC-001-004	614708	4782936	1	0312036-01	Cl5-BZ#118	2.82	µg/Kg	.165	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl6-BZ#146	.579	µg/Kg	.103	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl6-BZ#169	.366 U	µg/Kg	.366	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl7-BZ#177	.134 J	µg/Kg	.122	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl7-BZ#174	.176 J	µg/Kg	.0868	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl7-BZ#170	.569 J	µg/Kg	.426	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Hexachlorobiphenyls	13.7	µg/Kg	.366	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl6-BZ#167	.114 J	µg/Kg	.114	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl6-BZ#158	.186 J	µg/Kg	.0889	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl6-BZ#157	.320 J	µg/Kg	.105	µg/Kg

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[3]PCB results & detection limit reported on wet weight basis

Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl6-BZ#156	.269 J	µg/Kg	.134	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl6-BZ#153	2.98	µg/Kg	.188	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl6-BZ#149	1.00	µg/Kg	.132	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl6-BZ#151	.310 J	µg/Kg	.219	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl8-BZ#201	.165 U	µg/Kg	.165	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl4-BZ#70	2.92	µg/Kg	.157	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Total Homologues	98.9	µg/Kg	6.08	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl6-BZ#138	3.50	µg/Kg	.163	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl10-BZ#209	.103 U	µg/Kg	.103	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Nonachlorobiphenyls	.221 U	µg/Kg	.221	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Decachlorobiphenyl	.103 U	µg/Kg	.103	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Octachlorobiphenyls	1.17	µg/Kg	.190	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl7-BZ#180	.796 J	µg/Kg	.182	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl8-BZ#195	.188 U	µg/Kg	.188	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl8-BZ#194	.190 U	µg/Kg	.190	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Heptachlorobiphenyls	2.82	µg/Kg	.426	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl7-BZ#187	.507	µg/Kg	.0910	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl7-BZ#189	.163 U	µg/Kg	.163	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl7-BZ#183	.155 J	µg/Kg	.0827	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl9-BZ#206	.221 U	µg/Kg	.221	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl4-BZ#74	2.27	µg/Kg	.277	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Percent Lipids	3.4	%	0.10	%
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Monochlorobiphenyls	6.08 U	µg/Kg	6.08	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl2-BZ#8	.178 U	µg/Kg	.178	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Dichlorobiphenyls	.178 U	µg/Kg	.178	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl3-BZ#18	2.81 J	µg/Kg	.395	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl3-BZ#31/#28	36.1	µg/Kg	2.85	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Trichlorobiphenyls	9.32	µg/Kg	2.85	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl4-BZ#44	.806 J	µg/Kg	.271	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl4-BZ#45	.362 U	µg/Kg	.362	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl4-BZ#47	3.04	µg/Kg	.459	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl4-BZ#49	1.63	µg/Kg	.225	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl4-BZ#52	3.04	µg/Kg	.256	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl4-BZ#77	.248 U	µg/Kg	.248	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl4-BZ#66	3.94	µg/Kg	.180	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl6-BZ#128	.631	µg/Kg	.114	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl4-BZ#81	.246 U	µg/Kg	.246	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Tetrachlorobiphenyls	36.9	µg/Kg	.459	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl5-BZ#87	1.42	µg/Kg	.110	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl5-BZ#95	1.03	µg/Kg	.0848	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl5-BZ#99	2.45	µg/Kg	.0579	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl5-BZ#101	3.13	µg/Kg	.165	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl5-BZ#105	1.61	µg/Kg	.0806	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl5-BZ#110	.806	µg/Kg	.157	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl5-BZ#114	.0724 U	µg/Kg	.0724	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl5-BZ#118	5.55	µg/Kg	.170	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl5-BZ#123	.143 U	µg/Kg	.143	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl5-BZ#126	.126 U	µg/Kg	.126	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Pentachlorobiphenyls	35.0	µg/Kg	.170	µg/Kg
8/20/2003	BTC-001-005	614708	4782936	1	0312036-02	Cl4-BZ#56	.951	µg/Kg	.134	µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl7-BZ#180	.567 J	µg/Kg	.128	µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl6-BZ#138	4.28	µg/Kg	.115	µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl6-BZ#146	.531	µg/Kg	.0728	µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl6-BZ#149	2.34	µg/Kg	.0931	µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl6-BZ#151	.495 J	µg/Kg	.154	µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl6-BZ#153	2.82	µg/Kg	.132	µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl6-BZ#156	.407 J	µg/Kg	.0946	µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl6-BZ#157	.102 J	µg/Kg	.0742	µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl6-BZ#158	.356	µg/Kg	.0626	µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl6-BZ#167	.138 J	µg/Kg	.0800	µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl6-BZ#169	.258 U	µg/Kg	.258	µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Hexachlorobiphenyls	17.5	µg/Kg	.258	µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl7-BZ#170	.517 J	µg/Kg	.300	µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Total Homologues	108.	µg/Kg	4.28	µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl7-BZ#177	.124 J	µg/Kg	.0859	µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl5-BZ#126	.0888 U	µg/Kg	.0888	µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl7-BZ#183	.146 J	µg/Kg	.0582	µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl7-BZ#189	.115 U	µg/Kg	.115	µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl7-BZ#187	.335	µg/Kg	.0640	µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Heptachlorobiphenyls	2.26	µg/Kg	.300	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]	DETECTION LIMIT[3]
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl8-BZ#194	.134 U µg/Kg	.134 µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl8-BZ#195	.132 U µg/Kg	.132 µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl8-BZ#201	.116 U µg/Kg	.116 µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Octachlorobiphenyls	.567 µg/Kg	.134 µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl9-BZ#206	.156 U µg/Kg	.156 µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Nonachlorobiphenyls	.156 U µg/Kg	.156 µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl10-BZ#209	.0728 U µg/Kg	.0728 µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Decachlorobiphenyl	.0728 U µg/Kg	.0728 µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl7-BZ#174	.226 J µg/Kg	.0611 µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl4-BZ#74	1.77 µg/Kg	.195 µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Monochlorobiphenyls	4.28 U µg/Kg	4.28 µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl2-BZ#8	.125 U µg/Kg	.125 µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Dichlorobiphenyls	.125 U µg/Kg	.125 µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl3-BZ#18	1.06 J µg/Kg	.278 µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl3-BZ#31/#28	21.6 µg/Kg	2.00 µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Trichlorobiphenyls	7.73 µg/Kg	2.00 µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl4-BZ#44	1.42 µg/Kg	.191 µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl4-BZ#45	.255 U µg/Kg	.255 µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl4-BZ#47	2.37 µg/Kg	.323 µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl4-BZ#49	1.28 µg/Kg	.159 µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl4-BZ#52	2.63 µg/Kg	.180 µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl4-BZ#56	1.39 µg/Kg	.0946 µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl6-BZ#128	.837 µg/Kg	.0800 µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl4-BZ#70	3.31 µg/Kg	.111 µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Pentachlorobiphenyls	46.0 µg/Kg	.119 µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl4-BZ#77	.175 U µg/Kg	.175 µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl4-BZ#81	.173 U µg/Kg	.173 µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Tetrachlorobiphenyls	33.8 µg/Kg	.323 µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl5-BZ#87	2.85 µg/Kg	.0771 µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl5-BZ#95	3.37 µg/Kg	.0597 µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl5-BZ#99	2.21 µg/Kg	.0407 µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl5-BZ#101	5.87 µg/Kg	.116 µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl5-BZ#105	2.12 µg/Kg	.0567 µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl5-BZ#110	4.62 µg/Kg	.111 µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl5-BZ#114	.0509 U µg/Kg	.0509 µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl5-BZ#118	5.40	µg/Kg	.119	µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl5-BZ#123	.100 U	µg/Kg	.100	µg/Kg
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Percent Lipids	1.6	%	0.10	%
8/20/2003	BTC-001-006	614708	4782936	1	0312036-03	Cl4-BZ#66	2.75	µg/Kg	.127	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl4-BZ#66	1.54	µg/Kg	.167	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Pentachlorobiphenyls	15.4	µg/Kg	.157	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl5-BZ#126	.117 U	µg/Kg	.117	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl5-BZ#123	.132 U	µg/Kg	.132	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl5-BZ#118	2.18	µg/Kg	.157	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl5-BZ#114	.0670 U	µg/Kg	.0670	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl5-BZ#110	.564 J	µg/Kg	.145	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl5-BZ#105	.660	µg/Kg	.0746	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl5-BZ#101	1.40	µg/Kg	.153	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl5-BZ#99	1.13	µg/Kg	.0536	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl5-BZ#95	.402	µg/Kg	.0785	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl5-BZ#87	.632	µg/Kg	.101	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Tetrachlorobiphenyls	29.3	µg/Kg	.425	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl6-BZ#128	.306 J	µg/Kg	.105	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl4-BZ#70	1.41	µg/Kg	.145	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl4-BZ#81	.228 U	µg/Kg	.228	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl4-BZ#56	.450 J	µg/Kg	.124	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl4-BZ#52	1.54	µg/Kg	.237	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl4-BZ#49	.928 J	µg/Kg	.209	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl4-BZ#47	1.98 J	µg/Kg	.425	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl4-BZ#45	.335 U	µg/Kg	.335	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl4-BZ#44	.641 J	µg/Kg	.251	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Trichlorobiphenyls	14.3	µg/Kg	2.64	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl3-BZ#31/#28	20.3	µg/Kg	2.64	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl3-BZ#18	1.02 J	µg/Kg	.366	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Dichlorobiphenyls	.165 U	µg/Kg	.165	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl2-BZ#8	.165 U	µg/Kg	.165	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Monochlorobiphenyls	5.63 U	µg/Kg	5.63	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl4-BZ#77	.230 U	µg/Kg	.230	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Decachlorobiphenyl	.0957 U	µg/Kg	.0957	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl4-BZ#74	.947 J	µg/Kg	.256	µg/Kg

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Tadpole Data Table
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SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Total Homologues	70.7	µg/Kg	5.63	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl6-BZ#138	1.50	µg/Kg	.151	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl10-BZ#209	.0957 U	µg/Kg	.0957	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Nonachlorobiphenyls	.205 U	µg/Kg	.205	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl9-BZ#206	.205 U	µg/Kg	.205	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Octachlorobiphenyls	.176 U	µg/Kg	.176	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl8-BZ#201	.153 U	µg/Kg	.153	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl8-BZ#195	.174 U	µg/Kg	.174	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl8-BZ#194	.176 U	µg/Kg	.176	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Heptachlorobiphenyls	4.75	µg/Kg	.394	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl7-BZ#187	.287 J	µg/Kg	.0842	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl7-BZ#189	.151 U	µg/Kg	.151	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl7-BZ#183	.0765 U	µg/Kg	.0765	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl6-BZ#151	.203 U	µg/Kg	.203	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Percent Lipids	1.4	%	0.10	%
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl7-BZ#180	.402 J	µg/Kg	.168	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl6-BZ#149	.526 J	µg/Kg	.123	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl6-BZ#153	1.30	µg/Kg	.174	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl6-BZ#156	.163 J	µg/Kg	.124	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl6-BZ#157	.134 J	µg/Kg	.0976	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl6-BZ#158	.0823 U	µg/Kg	.0823	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl6-BZ#169	.339 U	µg/Kg	.339	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Hexachlorobiphenyls	6.99	µg/Kg	.339	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl7-BZ#170	.394 U	µg/Kg	.394	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl7-BZ#174	.0804 U	µg/Kg	.0804	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl7-BZ#177	.113 U	µg/Kg	.113	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl6-BZ#167	.105 U	µg/Kg	.105	µg/Kg
8/20/2003	BTC-001-007	614708	4782936	1	0312036-04	Cl6-BZ#146	.239 J	µg/Kg	.0957	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl5-BZ#114	.827	µg/Kg	.0482	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl4-BZ#81	.164 U	µg/Kg	.164	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Tetrachlorobiphenyls	738.	µg/Kg	.306	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl5-BZ#87	21.4	µg/Kg	.0730	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl5-BZ#95	37.7	µg/Kg	.0565	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl5-BZ#126	.0841 U	µg/Kg	.0841	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl5-BZ#99	30.0	µg/Kg	.0386	µg/Kg

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8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl5-BZ#123	.0951 U	µg/Kg	.0951	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl5-BZ#101	47.4	µg/Kg	.110	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl5-BZ#110	10.7	µg/Kg	.105	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl5-BZ#118	34.8	µg/Kg	.113	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl4-BZ#77	.165 U	µg/Kg	.165	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl4-BZ#44	31.6	µg/Kg	.181	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl5-BZ#105	10.1	µg/Kg	.0537	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl4-BZ#74	39.6	µg/Kg	.185	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl4-BZ#70	27.2	µg/Kg	.105	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl4-BZ#66	40.7	µg/Kg	.120	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl4-BZ#56	12.3	µg/Kg	.0896	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl4-BZ#52	170.	µg/Kg	.171	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl4-BZ#49	102.	µg/Kg	.150	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl4-BZ#45	2.30	µg/Kg	.241	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Trichlorobiphenyls	291.	µg/Kg	1.90	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl3-BZ#31/#28	192.	µg/Kg	1.90	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl3-BZ#18	7.63	µg/Kg	.263	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Dichlorobiphenyls	32.0	µg/Kg	.119	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl2-BZ#8	2.94	µg/Kg	.119	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl6-BZ#138	36.1	µg/Kg	.109	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Pentachlorobiphenyls	355.	µg/Kg	.113	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl4-BZ#47	91.5	µg/Kg	.306	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl8-BZ#201	3.60	µg/Kg	.110	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl7-BZ#180	8.21	µg/Kg	.121	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl7-BZ#183	2.45	µg/Kg	.0551	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl7-BZ#189	.227 J	µg/Kg	.109	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl7-BZ#187	10.5	µg/Kg	.0606	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Heptachlorobiphenyls	37.0	µg/Kg	.284	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl7-BZ#177	3.22	µg/Kg	.0813	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl8-BZ#195	.758	µg/Kg	.125	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl10-BZ#209	.386	µg/Kg	.0689	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Octachlorobiphenyls	10.3	µg/Kg	.127	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl9-BZ#206	1.78	µg/Kg	.147	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Nonachlorobiphenyls	7.10	µg/Kg	.147	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Decachlorobiphenyl	.386	µg/Kg	.0689	µg/Kg

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SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Monochlorobiphenyls	4.73 J	µg/Kg	4.05	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl6-BZ#128	5.06	µg/Kg	.0758	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl8-BZ#194	2.35	µg/Kg	.127	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl6-BZ#153	24.2	µg/Kg	.125	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Total Homologues	1620.	µg/Kg	4.05	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl6-BZ#146	7.50	µg/Kg	.0689	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl7-BZ#174	3.06	µg/Kg	.0579	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl6-BZ#151	10.0	µg/Kg	.146	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Percent Lipids	1.3	%	0.10	%
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl6-BZ#156	2.80	µg/Kg	.0896	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl6-BZ#157	.696	µg/Kg	.0703	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl6-BZ#158	1.81	µg/Kg	.0593	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl6-BZ#167	1.12	µg/Kg	.0758	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl6-BZ#169	.244 U	µg/Kg	.244	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Hexachlorobiphenyls	150.	µg/Kg	.244	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl7-BZ#170	5.40	µg/Kg	.284	µg/Kg
8/21/2003	BTC-003-001	615436	4778442	3	0312035-04	Cl6-BZ#149	19.6	µg/Kg	.0882	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl7-BZ#174	1.29	µg/Kg	.126	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl7-BZ#170	2.04 J	µg/Kg	.618	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Hexachlorobiphenyls	59.1	µg/Kg	.531	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl6-BZ#169	.531 U	µg/Kg	.531	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl6-BZ#167	.450 J	µg/Kg	.165	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl6-BZ#158	.705	µg/Kg	.129	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl6-BZ#157	.153 U	µg/Kg	.153	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl6-BZ#156	.195 U	µg/Kg	.195	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl6-BZ#153	8.95	µg/Kg	.273	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Total Homologues	707.	µg/Kg	8.82	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl6-BZ#149	7.81	µg/Kg	.192	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl8-BZ#195	.315 J	µg/Kg	.273	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl6-BZ#146	2.73	µg/Kg	.150	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl6-BZ#151	4.06	µg/Kg	.318	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl7-BZ#177	1.36	µg/Kg	.177	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Decachlorobiphenyl	.315 J	µg/Kg	.150	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl7-BZ#180	3.57	µg/Kg	.264	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl7-BZ#183	.930	µg/Kg	.120	µg/Kg

[1]BZ# = PCB congener Ballschmiter & Zell number
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[3]PCB results & detection limit reported on wet weight basis

Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl7-BZ#189	.237 U	µg/Kg	.237	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl7-BZ#187	4.27	µg/Kg	.132	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl8-BZ#194	1.12 J	µg/Kg	.276	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl8-BZ#201	1.35	µg/Kg	.240	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Octachlorobiphenyls	6.22	µg/Kg	.276	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl9-BZ#206	.870 J	µg/Kg	.321	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Nonachlorobiphenyls	11.6	µg/Kg	.321	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl10-BZ#209	.315 J	µg/Kg	.150	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl6-BZ#138	12.9	µg/Kg	.237	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl4-BZ#70	12.2	µg/Kg	.228	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Heptachlorobiphenyls	19.5	µg/Kg	.618	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl4-BZ#74	12.2	µg/Kg	.402	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Percent Lipids	1.2	%	0.10	%
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Monochlorobiphenyls	8.82 U	µg/Kg	8.82	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl2-BZ#8	.258 U	µg/Kg	.258	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Dichlorobiphenyls	40.0	µg/Kg	.258	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl3-BZ#18	7.14	µg/Kg	.573	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl3-BZ#31/#28	51.5	µg/Kg	4.13	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Trichlorobiphenyls	120.	µg/Kg	4.13	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl4-BZ#44	12.4	µg/Kg	.393	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl4-BZ#45	2.52 J	µg/Kg	.525	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl4-BZ#47	34.3	µg/Kg	.666	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl4-BZ#49	35.8	µg/Kg	.327	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl4-BZ#52	55.5	µg/Kg	.372	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl4-BZ#77	.360 U	µg/Kg	.360	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl4-BZ#66	14.2	µg/Kg	.261	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Pentachlorobiphenyls	154.	µg/Kg	.246	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl4-BZ#81	.357 U	µg/Kg	.357	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Tetrachlorobiphenyls	297.	µg/Kg	.666	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl5-BZ#87	7.95	µg/Kg	.159	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl5-BZ#95	15.8	µg/Kg	.123	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl5-BZ#99	10.1	µg/Kg	.0840	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl5-BZ#101	18.7	µg/Kg	.240	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl5-BZ#105	3.57	µg/Kg	.117	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl5-BZ#110	7.21	µg/Kg	.228	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl5-BZ#114	.105 U	µg/Kg	.105	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl5-BZ#118	11.7	µg/Kg	.246	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl5-BZ#123	.207 U	µg/Kg	.207	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl5-BZ#126	.183 U	µg/Kg	.183	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl4-BZ#56	7.11	µg/Kg	.195	µg/Kg
8/21/2003	BTC-003-002	615436	4778442	3	0312035-05	Cl6-BZ#128	2.05	µg/Kg	.165	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl7-BZ#183	.581	µg/Kg	.0683	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl6-BZ#138	7.24	µg/Kg	.135	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl6-BZ#146	1.52	µg/Kg	.0854	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl6-BZ#149	5.14	µg/Kg	.109	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl6-BZ#151	2.38	µg/Kg	.181	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl6-BZ#153	4.85	µg/Kg	.155	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl6-BZ#156	.427 J	µg/Kg	.111	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl6-BZ#157	.188 J	µg/Kg	.0871	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl6-BZ#158	.419	µg/Kg	.0735	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl6-BZ#167	.265 J	µg/Kg	.0940	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl6-BZ#169	.302 U	µg/Kg	.302	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Hexachlorobiphenyls	36.6	µg/Kg	.302	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Percent Lipids	.82	%	0.10	%
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl7-BZ#180	2.00	µg/Kg	.150	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl7-BZ#170	1.33 J	µg/Kg	.352	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl7-BZ#189	.135 U	µg/Kg	.135	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl7-BZ#187	2.54	µg/Kg	.0752	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Heptachlorobiphenyls	11.9	µg/Kg	.352	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl8-BZ#194	.641 J	µg/Kg	.157	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl8-BZ#195	.179 J	µg/Kg	.155	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl8-BZ#201	.940	µg/Kg	.137	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Octachlorobiphenyls	3.48	µg/Kg	.157	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl9-BZ#206	.701 J	µg/Kg	.183	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Nonachlorobiphenyls	6.32	µg/Kg	.183	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl10-BZ#209	.214 J	µg/Kg	.0854	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Decachlorobiphenyl	.214 J	µg/Kg	.0854	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Total Homologues	501.	µg/Kg	5.02	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Monochlorobiphenyls	5.02 U	µg/Kg	5.02	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl7-BZ#174	.735	µg/Kg	.0718	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl4-BZ#45	1.79	µg/Kg	.299	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl4-BZ#74	8.31	µg/Kg	.229	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl4-BZ#70	7.14	µg/Kg	.130	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl4-BZ#66	8.64	µg/Kg	.149	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl4-BZ#56	3.64	µg/Kg	.111	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl4-BZ#52	38.5	µg/Kg	.212	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl4-BZ#77	.205 U	µg/Kg	.205	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl4-BZ#47	24.6	µg/Kg	.379	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl3-BZ#18	6.33	µg/Kg	.326	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl4-BZ#44	9.06	µg/Kg	.224	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Trichlorobiphenyls	93.2	µg/Kg	2.35	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl3-BZ#31/#28	39.1	µg/Kg	2.35	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl6-BZ#128	1.06	µg/Kg	.0940	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Dichlorobiphenyls	22.6	µg/Kg	.147	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl7-BZ#177	.837	µg/Kg	.101	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl4-BZ#49	27.2	µg/Kg	.186	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl5-BZ#114	.0598 U	µg/Kg	.0598	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl2-BZ#8	3.99	µg/Kg	.147	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl5-BZ#126	.104 U	µg/Kg	.104	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl5-BZ#118	6.90	µg/Kg	.140	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Pentachlorobiphenyls	96.4	µg/Kg	.140	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl5-BZ#110	6.48	µg/Kg	.130	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl5-BZ#105	1.96	µg/Kg	.0666	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl5-BZ#101	11.6	µg/Kg	.137	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl5-BZ#99	6.16	µg/Kg	.0478	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl5-BZ#95	10.7	µg/Kg	.0701	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl5-BZ#87	4.45	µg/Kg	.0906	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Tetrachlorobiphenyls	227.	µg/Kg	.379	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl4-BZ#81	.203 U	µg/Kg	.203	µg/Kg
8/21/2003	BTC-003-003	615436	4778442	3	0312035-06	Cl5-BZ#123	.118 U	µg/Kg	.118	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl5-BZ#105	39.1	µg/Kg	.137	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Tetrachlorobiphenyls	1450.	µg/Kg	.780	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl5-BZ#87	68.8	µg/Kg	.186	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl5-BZ#95	119.	µg/Kg	.144	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl5-BZ#99	57.5	µg/Kg	.0984	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl5-BZ#101	157.	µg/Kg	.281	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl5-BZ#110	105.	µg/Kg	.267	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl5-BZ#114	4.57	µg/Kg	.123	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl5-BZ#118	102.	µg/Kg	.288	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl5-BZ#123	.243 U	µg/Kg	.243	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl4-BZ#81	.418 U	µg/Kg	.418	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Monochlorobiphenyls	12.7 J	µg/Kg	10.3	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl4-BZ#45	8.64	µg/Kg	.615	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl5-BZ#126	.214 U	µg/Kg	.214	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl4-BZ#77	.422 U	µg/Kg	.422	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl4-BZ#74	52.7	µg/Kg	.471	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl4-BZ#70	82.4	µg/Kg	.267	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl4-BZ#66	72.5	µg/Kg	.306	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl4-BZ#56	36.5	µg/Kg	.228	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl4-BZ#52	262.	µg/Kg	.436	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl4-BZ#47	186.	µg/Kg	.780	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl6-BZ#128	17.6	µg/Kg	.193	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl4-BZ#44	54.9	µg/Kg	.460	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Trichlorobiphenyls	657.	µg/Kg	4.84	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl3-BZ#31/#28	318.	µg/Kg	4.84	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl3-BZ#18	30.4 J	µg/Kg	.671	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Dichlorobiphenyls	116.	µg/Kg	.302	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl2-BZ#8	16.2	µg/Kg	.302	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl4-BZ#49	177.	µg/Kg	.383	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Total Homologues	4000.	µg/Kg	10.3	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Pentachlorobiphenyls	1220.	µg/Kg	.288	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Percent Lipids	2.1	%	0.10	%
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Decachlorobiphenyl	.334 J	µg/Kg	.176	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl10-BZ#209	.334 J	µg/Kg	.176	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Nonachlorobiphenyls	9.91	µg/Kg	.376	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl9-BZ#206	2.30	µg/Kg	.376	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Octachlorobiphenyls	15.6	µg/Kg	.323	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl8-BZ#201	4.85	µg/Kg	.281	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl8-BZ#195	.984 J	µg/Kg	.320	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl8-BZ#194	3.29	µg/Kg	.323	µg/Kg

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[3]PCB results & detection limit reported on wet weight basis

Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Heptachlorobiphenyls	66.7	µg/Kg	.724	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl7-BZ#187	18.2	µg/Kg	.155	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl7-BZ#189	.492 J	µg/Kg	.278	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl7-BZ#183	4.29	µg/Kg	.141	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl6-BZ#156	8.10	µg/Kg	.228	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl6-BZ#138	102.	µg/Kg	.278	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl6-BZ#149	65.9	µg/Kg	.225	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl7-BZ#180	14.6	µg/Kg	.309	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl6-BZ#153	58.1	µg/Kg	.320	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl6-BZ#146	16.6	µg/Kg	.176	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl6-BZ#157	2.14	µg/Kg	.179	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl6-BZ#158	6.47	µg/Kg	.151	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl6-BZ#167	2.50	µg/Kg	.193	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl6-BZ#169	.622 U	µg/Kg	.622	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Hexachlorobiphenyls	453.	µg/Kg	.622	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl7-BZ#170	10.8	µg/Kg	.724	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl7-BZ#174	7.03	µg/Kg	.148	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl7-BZ#177	6.31	µg/Kg	.207	µg/Kg
8/21/2003	BTC-003-004	615436	4778442	3	0312036-05	Cl6-BZ#151	26.5	µg/Kg	.373	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl7-BZ#174	15.9	µg/Kg	.165	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl7-BZ#170	22.4	µg/Kg	.811	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Hexachlorobiphenyls	754.	µg/Kg	.697	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl6-BZ#169	.697 U	µg/Kg	.697	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl6-BZ#167	3.82	µg/Kg	.217	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl6-BZ#158	6.97	µg/Kg	.169	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl6-BZ#157	2.34	µg/Kg	.201	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl6-BZ#156	8.31	µg/Kg	.256	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl6-BZ#153	114.	µg/Kg	.358	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl6-BZ#151	68.4	µg/Kg	.417	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl7-BZ#177	19.2	µg/Kg	.232	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl6-BZ#146	45.6	µg/Kg	.197	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl8-BZ#201	20.1	µg/Kg	.315	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl6-BZ#149	86.8	µg/Kg	.252	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl7-BZ#180	40.5	µg/Kg	.347	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl7-BZ#183	11.7	µg/Kg	.157	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl7-BZ#189	.906 J	µg/Kg	.311	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl7-BZ#187	52.2	µg/Kg	.173	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Heptachlorobiphenyls	176.	µg/Kg	.811	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Total Homologues	9280.	µg/Kg	11.6	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl8-BZ#195	4.12	µg/Kg	.358	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Octachlorobiphenyls	56.2	µg/Kg	.362	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl9-BZ#206	10.9	µg/Kg	.421	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Nonachlorobiphenyls	25.1	µg/Kg	.421	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl10-BZ#209	1.91	µg/Kg	.197	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Decachlorobiphenyl	1.91	µg/Kg	.197	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl6-BZ#138	156.	µg/Kg	.311	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl4-BZ#70	142.	µg/Kg	.299	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl8-BZ#194	13.0	µg/Kg	.362	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl4-BZ#74	111.	µg/Kg	.528	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Percent Lipids	1.5	%	0.10	%
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl2-BZ#8	54.5	µg/Kg	.339	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Dichlorobiphenyls	775.	µg/Kg	.339	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl3-BZ#18	81.9	µg/Kg	.752	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl3-BZ#31/#28	562.	µg/Kg	5.42	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Trichlorobiphenyls	1450.	µg/Kg	5.42	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl4-BZ#44	125.	µg/Kg	.516	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl4-BZ#45	40.5	µg/Kg	.689	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl4-BZ#47	464.	µg/Kg	.874	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl4-BZ#49	452.	µg/Kg	.429	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl4-BZ#52	778.	µg/Kg	.488	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl4-BZ#56	82.1	µg/Kg	.256	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl4-BZ#77	.472 U	µg/Kg	.472	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Monochlorobiphenyls	179.	µg/Kg	11.6	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl6-BZ#128	17.2	µg/Kg	.217	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl4-BZ#81	.469 U	µg/Kg	.469	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Tetrachlorobiphenyls	3890.	µg/Kg	.874	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl5-BZ#87	92.2	µg/Kg	.209	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl5-BZ#95	211.	µg/Kg	.161	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl5-BZ#99	128.	µg/Kg	.110	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl5-BZ#101	215.	µg/Kg	.315	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl5-BZ#105	33.3	µg/Kg	.154	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl5-BZ#110	162.	µg/Kg	.299	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl5-BZ#114	7.19	µg/Kg	.138	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl5-BZ#118	140.	µg/Kg	.323	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl5-BZ#123	.272 U	µg/Kg	.272	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl5-BZ#126	.240 U	µg/Kg	.240	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Pentachlorobiphenyls	1980.	µg/Kg	.323	µg/Kg
8/21/2003	BTC-004-001	615566	4778820	4	0312035-07	Cl4-BZ#66	141.	µg/Kg	.343	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl7-BZ#183	5.33	µg/Kg	.0732	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Monochlorobiphenyls	56.5	µg/Kg	5.38	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl6-BZ#149	35.6	µg/Kg	.117	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl6-BZ#151	21.3	µg/Kg	.194	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl6-BZ#153	49.9	µg/Kg	.167	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl6-BZ#156	4.59	µg/Kg	.119	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl6-BZ#157	1.47	µg/Kg	.0933	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl6-BZ#158	4.49	µg/Kg	.0787	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl6-BZ#167	2.31	µg/Kg	.101	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl6-BZ#169	.324 U	µg/Kg	.324	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Hexachlorobiphenyls	306.	µg/Kg	.324	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl7-BZ#170	10.3	µg/Kg	.377	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl7-BZ#174	6.63	µg/Kg	.0769	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl6-BZ#138	69.9	µg/Kg	.145	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl7-BZ#180	19.1	µg/Kg	.161	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl6-BZ#128	9.22	µg/Kg	.101	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl7-BZ#189	.485 J	µg/Kg	.145	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl7-BZ#187	19.4	µg/Kg	.0805	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Heptachlorobiphenyls	70.1	µg/Kg	.377	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl8-BZ#194	5.35	µg/Kg	.168	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl8-BZ#195	1.68	µg/Kg	.167	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl8-BZ#201	8.12	µg/Kg	.146	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Octachlorobiphenyls	22.5	µg/Kg	.168	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl9-BZ#206	4.74	µg/Kg	.196	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Nonachlorobiphenyls	16.4	µg/Kg	.196	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl10-BZ#209	1.16	µg/Kg	.0915	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Total Homologues	3750.	µg/Kg	5.38	µg/Kg

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Tadpole Data Table
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SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Decachlorobiphenyl	1.16	µg/Kg	.0915	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl7-BZ#177	7.03	µg/Kg	.108	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl4-BZ#81	.218 U	µg/Kg	.218	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Dichlorobiphenyls	290.	µg/Kg	.157	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl3-BZ#18	24.2	µg/Kg	.350	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl3-BZ#31/#28	190.	µg/Kg	2.52	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Trichlorobiphenyls	488.	µg/Kg	2.52	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl4-BZ#44	48.6	µg/Kg	.240	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl4-BZ#45	13.0	µg/Kg	.320	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl4-BZ#47	161.	µg/Kg	.406	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl4-BZ#49	131.	µg/Kg	.199	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl4-BZ#52	252.	µg/Kg	.227	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl4-BZ#56	63.3	µg/Kg	.119	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl4-BZ#66	108.	µg/Kg	.159	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl4-BZ#70	78.4	µg/Kg	.139	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl6-BZ#146	15.6	µg/Kg	.0915	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl4-BZ#77	.220 U	µg/Kg	.220	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Percent Lipids	.53	%	0.10	%
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Tetrachlorobiphenyls	1570.	µg/Kg	.406	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl5-BZ#87	44.9	µg/Kg	.0970	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl5-BZ#95	75.1	µg/Kg	.0750	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl5-BZ#99	62.5	µg/Kg	.0512	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl5-BZ#101	95.4	µg/Kg	.146	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl5-BZ#105	28.8	µg/Kg	.0714	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl5-BZ#110	71.9	µg/Kg	.139	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl5-BZ#114	4.39	µg/Kg	.0640	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl5-BZ#118	92.3	µg/Kg	.150	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl5-BZ#123	.126 U	µg/Kg	.126	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl5-BZ#126	.112 U	µg/Kg	.112	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Pentachlorobiphenyls	932.	µg/Kg	.150	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl4-BZ#74	89.3	µg/Kg	.245	µg/Kg
8/21/2003	BTC-004-002	615566	4778820	4	0312035-08	Cl2-BZ#8	16.3	µg/Kg	.157	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl7-BZ#177	9.17	µg/Kg	.133	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Decachlorobiphenyl	1.25	µg/Kg	.113	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl6-BZ#138	71.6	µg/Kg	.178	µg/Kg

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[3]PCB results & detection limit reported on wet weight basis

Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl6-BZ#146	22.4	µg/Kg	.113	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl6-BZ#149	41.1	µg/Kg	.144	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl6-BZ#151	32.8	µg/Kg	.239	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl6-BZ#153	50.5	µg/Kg	.205	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl6-BZ#156	3.43	µg/Kg	.147	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl6-BZ#157	1.09	µg/Kg	.115	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl6-BZ#158	3.75	µg/Kg	.0969	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl6-BZ#167	1.70	µg/Kg	.124	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl6-BZ#169	.399 U	µg/Kg	.399	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Hexachlorobiphenyls	358.	µg/Kg	.399	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Percent Lipids	.87	%	0.10	%
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl7-BZ#174	7.18	µg/Kg	.0947	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl7-BZ#180	18.3	µg/Kg	.198	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl7-BZ#183	5.03	µg/Kg	.0902	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl7-BZ#189	.178 U	µg/Kg	.178	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl7-BZ#187	25.0	µg/Kg	.0992	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Heptachlorobiphenyls	83.1	µg/Kg	.464	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl8-BZ#194	6.10	µg/Kg	.207	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl8-BZ#195	1.92	µg/Kg	.205	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl8-BZ#201	9.56	µg/Kg	.180	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Octachlorobiphenyls	33.9	µg/Kg	.207	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl9-BZ#206	5.09	µg/Kg	.241	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Nonachlorobiphenyls	12.1	µg/Kg	.241	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl10-BZ#209	1.25	µg/Kg	.113	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Dichlorobiphenyls	408.	µg/Kg	.194	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl7-BZ#170	9.85	µg/Kg	.464	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl4-BZ#77	.271 U	µg/Kg	.271	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl2-BZ#8	25.1	µg/Kg	.194	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Monochlorobiphenyls	106.	µg/Kg	6.63	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl3-BZ#18	42.1	µg/Kg	.431	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl3-BZ#31/#28	298.	µg/Kg	3.10	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Trichlorobiphenyls	806.	µg/Kg	3.10	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl4-BZ#44	70.3	µg/Kg	.295	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl4-BZ#45	19.4	µg/Kg	.394	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl4-BZ#47	250.	µg/Kg	.500	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl4-BZ#49	210.	µg/Kg	.246	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl4-BZ#52	395.	µg/Kg	.280	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl4-BZ#56	39.3	µg/Kg	.147	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl4-BZ#66	64.5	µg/Kg	.196	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl6-BZ#128	7.60	µg/Kg	.124	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl4-BZ#74	50.4	µg/Kg	.302	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Total Homologues	4710.	µg/Kg	6.63	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl4-BZ#81	.268 U	µg/Kg	.268	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Tetrachlorobiphenyls	1970.	µg/Kg	.500	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl5-BZ#87	45.3	µg/Kg	.119	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl5-BZ#95	104.	µg/Kg	.0924	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl5-BZ#99	57.2	µg/Kg	.0631	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl5-BZ#101	102.	µg/Kg	.180	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl5-BZ#105	14.6	µg/Kg	.0879	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl5-BZ#110	79.7	µg/Kg	.171	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl5-BZ#114	2.82	µg/Kg	.0789	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl5-BZ#118	62.5	µg/Kg	.185	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl5-BZ#123	.155 U	µg/Kg	.155	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl5-BZ#126	.138 U	µg/Kg	.138	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Pentachlorobiphenyls	934.	µg/Kg	.185	µg/Kg
8/21/2003	BTC-004-003	615566	4778820	4	0312035-09	Cl4-BZ#70	87.1	µg/Kg	.171	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl7-BZ#177	5.92	µg/Kg	.126	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Total Homologues	2500.	µg/Kg	6.29	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl6-BZ#138	39.1	µg/Kg	.169	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl6-BZ#146	12.2	µg/Kg	.107	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl6-BZ#149	22.8	µg/Kg	.137	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl6-BZ#151	19.0	µg/Kg	.227	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl6-BZ#153	28.3	µg/Kg	.195	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl6-BZ#156	1.78	µg/Kg	.139	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl6-BZ#157	1.09	µg/Kg	.109	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl6-BZ#158	2.01	µg/Kg	.0920	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl6-BZ#167	.749	µg/Kg	.118	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl6-BZ#169	.379 U	µg/Kg	.379	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Hexachlorobiphenyls	204.	µg/Kg	.379	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Pentachlorobiphenyls	499.	µg/Kg	.175	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl7-BZ#174	4.98	µg/Kg	.0898	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl5-BZ#126	.131 U	µg/Kg	.131	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl7-BZ#180	12.0	µg/Kg	.188	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl7-BZ#183	3.60	µg/Kg	.0856	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl7-BZ#189	.267 J	µg/Kg	.169	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl7-BZ#187	15.9	µg/Kg	.0941	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Heptachlorobiphenyls	54.6	µg/Kg	.441	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl8-BZ#194	4.46	µg/Kg	.197	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl8-BZ#195	1.42	µg/Kg	.195	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl8-BZ#201	7.03	µg/Kg	.171	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Octachlorobiphenyls	21.3	µg/Kg	.197	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl9-BZ#206	5.24	µg/Kg	.229	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Nonachlorobiphenyls	15.4	µg/Kg	.229	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl10-BZ#209	1.30	µg/Kg	.107	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl7-BZ#170	6.05	µg/Kg	.441	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl4-BZ#74	23.7	µg/Kg	.287	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Monochlorobiphenyls	71.7	µg/Kg	6.29	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl2-BZ#8	17.1	µg/Kg	.184	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Dichlorobiphenyls	317.	µg/Kg	.184	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl3-BZ#18	23.2 J	µg/Kg	.409	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl3-BZ#31/#28	129.	µg/Kg	2.94	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Trichlorobiphenyls	388.	µg/Kg	2.94	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl4-BZ#44	25.4	µg/Kg	.280	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl4-BZ#45	10.5	µg/Kg	.374	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl4-BZ#47	116.	µg/Kg	.475	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl4-BZ#49	92.1	µg/Kg	.233	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl4-BZ#52	182.	µg/Kg	.265	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl4-BZ#56	13.9	µg/Kg	.139	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl6-BZ#128	4.02	µg/Kg	.118	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl4-BZ#70	32.2	µg/Kg	.163	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Percent Lipids	1.1	%	0.10	%
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl4-BZ#77	.257 U	µg/Kg	.257	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl4-BZ#81	.255 U	µg/Kg	.255	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Tetrachlorobiphenyls	926.	µg/Kg	.475	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl5-BZ#87	22.2	µg/Kg	.113	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl5-BZ#95	55.0	µg/Kg	.0877	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl5-BZ#99	27.9	µg/Kg	.0599	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl5-BZ#101	52.2	µg/Kg	.171	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl5-BZ#105	6.52	µg/Kg	.0834	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl5-BZ#110	38.7	µg/Kg	.163	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl5-BZ#114	1.06	µg/Kg	.0749	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl5-BZ#118	29.6	µg/Kg	.175	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl5-BZ#123	.148 U	µg/Kg	.148	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Cl4-BZ#66	32.7	µg/Kg	.186	µg/Kg
8/21/2003	BTC-004-004	615566	4778820	4	0312036-06	Decachlorobiphenyl	1.30	µg/Kg	.107	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl7-BZ#189	.519 J	µg/Kg	.161	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl2-BZ#8	20.7	µg/Kg	.175	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl6-BZ#151	24.6	µg/Kg	.216	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl6-BZ#153	57.4	µg/Kg	.185	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl6-BZ#156	4.52	µg/Kg	.132	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl6-BZ#157	2.02	µg/Kg	.104	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl6-BZ#158	3.67	µg/Kg	.0875	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl6-BZ#167	1.79	µg/Kg	.112	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl6-BZ#169	.360 U	µg/Kg	.360	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Hexachlorobiphenyls	341.	µg/Kg	.360	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl7-BZ#170	12.1	µg/Kg	.419	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl7-BZ#174	8.21	µg/Kg	.0855	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl7-BZ#177	8.61	µg/Kg	.120	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl6-BZ#146	19.1	µg/Kg	.102	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl7-BZ#183	6.61	µg/Kg	.0814	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl6-BZ#138	75.4	µg/Kg	.161	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl7-BZ#187	25.4	µg/Kg	.0895	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Heptachlorobiphenyls	87.9	µg/Kg	.419	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl8-BZ#194	7.26	µg/Kg	.187	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl8-BZ#195	2.30	µg/Kg	.185	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl8-BZ#201	11.1	µg/Kg	.163	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Octachlorobiphenyls	32.9	µg/Kg	.187	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl9-BZ#206	6.99	µg/Kg	.218	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Nonachlorobiphenyls	16.4	µg/Kg	.218	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl10-BZ#209	1.53	µg/Kg	.102	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Decachlorobiphenyl	1.53	µg/Kg	.102	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Total Homologues	3810.	µg/Kg	5.98	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Monochlorobiphenyls	116.	µg/Kg	5.98	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl7-BZ#180	22.4	µg/Kg	.179	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl4-BZ#81	.242 U	µg/Kg	.242	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Dichlorobiphenyls	409.	µg/Kg	.175	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl3-BZ#18	30.6 J	µg/Kg	.389	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl3-BZ#31/#28	176.	µg/Kg	2.80	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Trichlorobiphenyls	526.	µg/Kg	2.80	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl4-BZ#44	41.3	µg/Kg	.267	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl4-BZ#45	15.1	µg/Kg	.356	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl4-BZ#47	170.	µg/Kg	.452	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl4-BZ#49	142.	µg/Kg	.222	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl4-BZ#52	253.	µg/Kg	.252	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl4-BZ#56	31.9	µg/Kg	.132	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl4-BZ#66	71.4	µg/Kg	.177	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl4-BZ#70	63.3	µg/Kg	.155	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl6-BZ#149	39.6	µg/Kg	.130	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl4-BZ#77	.244 U	µg/Kg	.244	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Percent Lipids	1.0	%	0.10	%
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Tetrachlorobiphenyls	1400.	µg/Kg	.452	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl5-BZ#87	41.5	µg/Kg	.108	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl5-BZ#95	77.0	µg/Kg	.0834	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl5-BZ#99	55.3	µg/Kg	.0570	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl5-BZ#101	97.9	µg/Kg	.163	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl5-BZ#105	18.9	µg/Kg	.0794	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl5-BZ#110	62.9	µg/Kg	.155	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl5-BZ#114	3.62	µg/Kg	.0712	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl5-BZ#118	74.2	µg/Kg	.167	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl5-BZ#123	.140 U	µg/Kg	.140	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl5-BZ#126	.124 U	µg/Kg	.124	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Pentachlorobiphenyls	878.	µg/Kg	.167	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl6-BZ#128	9.74	µg/Kg	.112	µg/Kg
8/21/2003	BTC-004-005	615566	4778820	4	0312036-07	Cl4-BZ#74	58.3	µg/Kg	.273	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl7-BZ#177	.565 J	µg/Kg	.128	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Percent Lipids	1.1	%	0.10	%
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl6-BZ#138	6.96	µg/Kg	.172	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl6-BZ#146	1.09	µg/Kg	.109	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl6-BZ#149	3.27	µg/Kg	.139	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl6-BZ#151	1.42	µg/Kg	.230	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl6-BZ#153	4.98	µg/Kg	.198	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl6-BZ#156	.510 J	µg/Kg	.141	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl6-BZ#157	.152 J	µg/Kg	.111	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl6-BZ#158	.424 J	µg/Kg	.0934	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl6-BZ#167	.261 J	µg/Kg	.119	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl6-BZ#169	.384 U	µg/Kg	.384	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Hexachlorobiphenyls	28.4	µg/Kg	.384	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Pentachlorobiphenyls	88.3	µg/Kg	.178	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl7-BZ#174	.576	µg/Kg	.0912	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl5-BZ#126	.132 U	µg/Kg	.132	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl7-BZ#180	1.55	µg/Kg	.191	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl7-BZ#183	.434	µg/Kg	.0869	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl7-BZ#189	.172 U	µg/Kg	.172	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl7-BZ#187	1.79	µg/Kg	.0956	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Heptachlorobiphenyls	6.23	µg/Kg	.447	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl8-BZ#194	.510 J	µg/Kg	.200	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl8-BZ#195	.206 J	µg/Kg	.198	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl8-BZ#201	.890	µg/Kg	.174	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Octachlorobiphenyls	2.90	µg/Kg	.198	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl9-BZ#206	.793 J	µg/Kg	.232	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Nonachlorobiphenyls	4.22	µg/Kg	.232	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl10-BZ#209	.261 J	µg/Kg	.109	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl7-BZ#170	1.17 J	µg/Kg	.447	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl4-BZ#74	9.62	µg/Kg	.291	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Monochlorobiphenyls	6.38 U	µg/Kg	6.38	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl2-BZ#8	.187 U	µg/Kg	.187	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Dichlorobiphenyls	13.8	µg/Kg	.187	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl3-BZ#18	1.49 J	µg/Kg	.415	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl3-BZ#31/#28	18.6	µg/Kg	2.99	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Trichlorobiphenyls	48.4	µg/Kg	2.99	µg/Kg

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SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl4-BZ#44	12.8	µg/Kg	.285	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl4-BZ#45	.814 J	µg/Kg	.380	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl4-BZ#47	14.3	µg/Kg	.482	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl4-BZ#49	14.7	µg/Kg	.237	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl4-BZ#52	26.1	µg/Kg	.269	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl4-BZ#56	5.17	µg/Kg	.141	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl6-BZ#128	1.10	µg/Kg	.119	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl4-BZ#70	11.1	µg/Kg	.165	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Total Homologues	354.	µg/Kg	6.38	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl4-BZ#77	.261 U	µg/Kg	.261	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl4-BZ#81	.258 U	µg/Kg	.258	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Tetrachlorobiphenyls	160.	µg/Kg	.482	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl5-BZ#87	4.88	µg/Kg	.115	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl5-BZ#95	6.95	µg/Kg	.0890	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl5-BZ#99	6.74	µg/Kg	.0608	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl5-BZ#101	10.6	µg/Kg	.174	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl5-BZ#105	3.22	µg/Kg	.0847	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl5-BZ#110	4.86	µg/Kg	.165	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl5-BZ#114	.0760 U	µg/Kg	.0760	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl5-BZ#118	9.43	µg/Kg	.178	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl5-BZ#123	.150 U	µg/Kg	.150	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Cl4-BZ#66	16.0	µg/Kg	.189	µg/Kg
8/21/2003	BTC-005-001	609554	4754151	5	0312035-10	Decachlorobiphenyl	.261 J	µg/Kg	.109	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl7-BZ#177	1.30	µg/Kg	.129	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl5-BZ#126	.133 U	µg/Kg	.133	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Pentachlorobiphenyls	187.	µg/Kg	.179	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl6-BZ#128	2.04	µg/Kg	.120	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl6-BZ#138	13.3	µg/Kg	.172	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl6-BZ#146	2.32	µg/Kg	.109	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl6-BZ#149	6.78	µg/Kg	.140	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl6-BZ#151	3.07	µg/Kg	.231	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl6-BZ#153	9.54	µg/Kg	.198	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl6-BZ#156	.937	µg/Kg	.142	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl6-BZ#157	1.21	µg/Kg	.111	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl6-BZ#167	.490 J	µg/Kg	.120	µg/Kg

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SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Hexachlorobiphenyls	58.7	µg/Kg	.386	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Percent Lipids	.63	%	0.10	%
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl7-BZ#174	1.30	µg/Kg	.0915	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl6-BZ#158	.490	µg/Kg	.0937	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl7-BZ#180	3.01	µg/Kg	.192	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl7-BZ#183	.774	µg/Kg	.0872	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl7-BZ#189	.172 U	µg/Kg	.172	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl7-BZ#187	3.91	µg/Kg	.0959	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Heptachlorobiphenyls	12.2	µg/Kg	.449	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl8-BZ#194	.893 J	µg/Kg	.200	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl8-BZ#195	.327 J	µg/Kg	.198	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl8-BZ#201	1.71	µg/Kg	.174	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Octachlorobiphenyls	6.76	µg/Kg	.200	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl10-BZ#209	.359 J	µg/Kg	.109	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Nonachlorobiphenyls	10.7	µg/Kg	.233	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl9-BZ#206	1.32	µg/Kg	.233	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl7-BZ#170	2.09 J	µg/Kg	.449	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl4-BZ#49	32.9	µg/Kg	.237	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Monochlorobiphenyls	6.41 U	µg/Kg	6.41	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl6-BZ#169	.386 U	µg/Kg	.386	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl5-BZ#123	.150 U	µg/Kg	.150	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Dichlorobiphenyls	32.4	µg/Kg	.187	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl3-BZ#18	1.78 J	µg/Kg	.416	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl3-BZ#31/#28	32.6	µg/Kg	3.00	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Trichlorobiphenyls	76.6	µg/Kg	3.00	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl4-BZ#44	20.1	µg/Kg	.285	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl4-BZ#47	32.8	µg/Kg	.484	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl2-BZ#8	.187 U	µg/Kg	.187	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl4-BZ#52	49.0	µg/Kg	.270	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl4-BZ#56	8.79	µg/Kg	.142	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl4-BZ#66	24.6	µg/Kg	.190	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl4-BZ#70	18.5	µg/Kg	.166	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl5-BZ#110	6.48	µg/Kg	.166	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl5-BZ#118	17.3	µg/Kg	.179	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Total Homologues	678.	µg/Kg	6.41	µg/Kg

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[3]PCB results & detection limit reported on wet weight basis

Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl4-BZ#45	1.20 J	µg/Kg	.381	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl5-BZ#114	.0763 U	µg/Kg	.0763	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl5-BZ#105	5.44	µg/Kg	.0850	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl5-BZ#101	19.6	µg/Kg	.174	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl5-BZ#99	11.6	µg/Kg	.0610	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl4-BZ#74	15.4	µg/Kg	.292	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl5-BZ#87	8.78	µg/Kg	.116	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Tetrachlorobiphenyls	290.	µg/Kg	.484	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl4-BZ#81	.259 U	µg/Kg	.259	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl4-BZ#77	.262 U	µg/Kg	.262	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Decachlorobiphenyl	.359 J	µg/Kg	.109	µg/Kg
8/21/2003	BTC-005-002	609554	4754151	5	0312035-11	Cl5-BZ#95	10.2	µg/Kg	.0893	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl7-BZ#174	.890	µg/Kg	.0923	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl7-BZ#170	1.55 J	µg/Kg	.453	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Hexachlorobiphenyls	40.4	µg/Kg	.389	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl6-BZ#169	.389 U	µg/Kg	.389	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl6-BZ#167	.297 J	µg/Kg	.121	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl6-BZ#158	.560	µg/Kg	.0945	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl6-BZ#157	.341 J	µg/Kg	.112	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl6-BZ#151	1.92	µg/Kg	.233	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl6-BZ#153	6.54	µg/Kg	.200	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Percent Lipids	.77	%	0.10	%
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl7-BZ#177	.791	µg/Kg	.130	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl6-BZ#156	.890	µg/Kg	.143	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl8-BZ#201	1.27	µg/Kg	.176	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Total Homologues	543.	µg/Kg	6.46	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl3-BZ#18	2.99 J	µg/Kg	.420	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl6-BZ#149	4.68	µg/Kg	.141	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Decachlorobiphenyl	.253 J	µg/Kg	.110	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Nonachlorobiphenyls	8.65	µg/Kg	.235	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl10-BZ#209	.253 J	µg/Kg	.110	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Octachlorobiphenyls	4.46	µg/Kg	.202	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl7-BZ#180	2.25	µg/Kg	.193	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl8-BZ#195	.253 J	µg/Kg	.200	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl8-BZ#194	.725 J	µg/Kg	.202	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Heptachlorobiphenyls	11.0	µg/Kg	.453	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl7-BZ#187	2.60	µg/Kg	.0967	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl7-BZ#189	.174 U	µg/Kg	.174	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl7-BZ#183	.582	µg/Kg	.0879	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl9-BZ#206	1.35	µg/Kg	.235	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl4-BZ#81	.262 U	µg/Kg	.262	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Monochlorobiphenyls	6.46 U	µg/Kg	6.46	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl2-BZ#8	1.40	µg/Kg	.189	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Dichlorobiphenyls	64.6	µg/Kg	.189	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl3-BZ#31/#28	23.5	µg/Kg	3.03	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl4-BZ#44	11.2	µg/Kg	.288	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl4-BZ#45	1.27 J	µg/Kg	.384	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl4-BZ#47	19.6	µg/Kg	.488	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl4-BZ#49	18.9	µg/Kg	.240	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl4-BZ#52	33.8	µg/Kg	.273	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl4-BZ#56	7.06	µg/Kg	.143	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl4-BZ#66	17.9	µg/Kg	.191	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl4-BZ#70	13.0	µg/Kg	.167	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Trichlorobiphenyls	73.0	µg/Kg	3.03	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl4-BZ#77	.264 U	µg/Kg	.264	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl5-BZ#110	6.59	µg/Kg	.167	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl6-BZ#138	9.45	µg/Kg	.174	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl6-BZ#128	1.58	µg/Kg	.121	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Pentachlorobiphenyls	125.	µg/Kg	.180	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl5-BZ#126	.134 U	µg/Kg	.134	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl5-BZ#123	.152 U	µg/Kg	.152	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl4-BZ#74	10.2	µg/Kg	.294	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl5-BZ#114	.648	µg/Kg	.0769	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl6-BZ#146	1.54	µg/Kg	.110	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl5-BZ#105	3.97	µg/Kg	.0857	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl5-BZ#101	13.7	µg/Kg	.176	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl5-BZ#99	7.95	µg/Kg	.0615	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl5-BZ#95	10.1	µg/Kg	.0901	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl5-BZ#87	6.24	µg/Kg	.116	µg/Kg
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Tetrachlorobiphenyls	212.	µg/Kg	.488	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/21/2003	BTC-005-003	609554	4754151	5	0312036-08	Cl5-BZ#118	11.2	µg/Kg	.180	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Pentachlorobiphenyls	303.	µg/Kg	.163	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl4-BZ#70	36.2	µg/Kg	.151	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl6-BZ#138	23.8	µg/Kg	.157	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl5-BZ#123	.137 U	µg/Kg	.137	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl5-BZ#118	34.3	µg/Kg	.163	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl5-BZ#114	1.23	µg/Kg	.0694	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl5-BZ#110	7.56	µg/Kg	.151	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl5-BZ#105	13.1	µg/Kg	.0774	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl5-BZ#101	35.4	µg/Kg	.159	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl5-BZ#99	21.9	µg/Kg	.0556	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl5-BZ#95	25.4	µg/Kg	.0814	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl5-BZ#87	15.0	µg/Kg	.105	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Tetrachlorobiphenyls	467.	µg/Kg	.440	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl4-BZ#81	.236 U	µg/Kg	.236	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Monochlorobiphenyls	5.83 U	µg/Kg	5.83	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl4-BZ#74	30.3	µg/Kg	.266	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl6-BZ#128	3.80	µg/Kg	.109	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl4-BZ#66	53.3	µg/Kg	.173	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl4-BZ#56	15.6	µg/Kg	.129	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl4-BZ#52	81.5	µg/Kg	.246	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl4-BZ#49	48.6	µg/Kg	.216	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl4-BZ#47	49.3	µg/Kg	.440	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl4-BZ#45	1.03 J	µg/Kg	.347	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl4-BZ#44	27.1	µg/Kg	.260	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Trichlorobiphenyls	142.	µg/Kg	2.73	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl3-BZ#31/#28	67.3	µg/Kg	2.73	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl3-BZ#18	2.57 J	µg/Kg	.379	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Dichlorobiphenyls	27.7	µg/Kg	.171	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl2-BZ#8	.774 J	µg/Kg	.171	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl4-BZ#77	.238 U	µg/Kg	.238	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl7-BZ#180	4.84	µg/Kg	.175	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Percent Lipids	1.1	%	0.10	%
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Decachlorobiphenyl	.268 J	µg/Kg	.0992	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl10-BZ#209	.268 J	µg/Kg	.0992	µg/Kg

[1]BZ# = PCB congener Ballschmiter & Zell number
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SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Nonachlorobiphenyls	8.92	µg/Kg	.212	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl9-BZ#206	1.59	µg/Kg	.212	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Octachlorobiphenyls	7.83	µg/Kg	.183	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl8-BZ#201	2.01	µg/Kg	.159	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl8-BZ#195	.377 J	µg/Kg	.181	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl8-BZ#194	1.18	µg/Kg	.183	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Heptachlorobiphenyls	20.7	µg/Kg	.409	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl7-BZ#187	5.30	µg/Kg	.0873	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl5-BZ#126	.121 U	µg/Kg	.121	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl7-BZ#183	1.31	µg/Kg	.0794	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl6-BZ#158	1.33	µg/Kg	.0853	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl6-BZ#146	3.78	µg/Kg	.0992	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl6-BZ#149	9.40	µg/Kg	.127	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl6-BZ#151	4.20	µg/Kg	.210	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl6-BZ#153	17.0	µg/Kg	.181	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl7-BZ#189	.157 U	µg/Kg	.157	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl6-BZ#157	1.42	µg/Kg	.101	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Total Homologues	1070.	µg/Kg	5.83	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl6-BZ#167	.635	µg/Kg	.109	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl6-BZ#169	.351 U	µg/Kg	.351	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Hexachlorobiphenyls	92.7	µg/Kg	.351	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl7-BZ#170	3.12	µg/Kg	.409	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl7-BZ#174	1.57	µg/Kg	.0833	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl7-BZ#177	1.56	µg/Kg	.117	µg/Kg
8/21/2003	BTC-005-004	609554	4754151	5	0312036-09	Cl6-BZ#156	2.18	µg/Kg	.129	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Percent Lipids	.66	%	0.10	%
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl6-BZ#128	1.14	µg/Kg	.108	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Total Homologues	392.	µg/Kg	5.76	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl5-BZ#123	.135 U	µg/Kg	.135	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl5-BZ#118	9.76	µg/Kg	.161	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl5-BZ#114	.343 J	µg/Kg	.0685	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl5-BZ#110	4.16	µg/Kg	.149	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl5-BZ#105	3.94	µg/Kg	.0764	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl5-BZ#101	11.0	µg/Kg	.157	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl5-BZ#99	7.21	µg/Kg	.0548	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl5-BZ#95	7.77	µg/Kg	.0803	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl5-BZ#87	5.00	µg/Kg	.104	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Tetrachlorobiphenyls	172.	µg/Kg	.435	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl4-BZ#81	.233 U	µg/Kg	.233	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl5-BZ#126	.119 U	µg/Kg	.119	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl4-BZ#70	11.7	µg/Kg	.149	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl4-BZ#74	8.73	µg/Kg	.262	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl4-BZ#56	6.43	µg/Kg	.127	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl4-BZ#52	28.7	µg/Kg	.243	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl4-BZ#49	15.2	µg/Kg	.213	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl4-BZ#47	15.9	µg/Kg	.435	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl4-BZ#45	.832 J	µg/Kg	.343	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl4-BZ#44	13.7	µg/Kg	.257	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Trichlorobiphenyls	52.1	µg/Kg	2.70	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl3-BZ#31/#28	18.5	µg/Kg	2.70	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl3-BZ#18	1.67 J	µg/Kg	.374	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Dichlorobiphenyls	22.6	µg/Kg	.168	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl2-BZ#8	.734 J	µg/Kg	.168	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Monochlorobiphenyls	5.76 U	µg/Kg	5.76	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl4-BZ#77	.235 U	µg/Kg	.235	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Heptachlorobiphenyls	6.94	µg/Kg	.403	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl4-BZ#66	16.8	µg/Kg	.170	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Pentachlorobiphenyls	96.6	µg/Kg	.161	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl10-BZ#209	.215 J	µg/Kg	.0979	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Nonachlorobiphenyls	3.57	µg/Kg	.209	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl9-BZ#206	.862 J	µg/Kg	.209	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Octachlorobiphenyls	3.33	µg/Kg	.180	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl8-BZ#201	.891	µg/Kg	.157	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl8-BZ#194	.607 J	µg/Kg	.180	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Decachlorobiphenyl	.215 J	µg/Kg	.0979	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl7-BZ#187	1.94	µg/Kg	.0862	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl7-BZ#189	.155 U	µg/Kg	.155	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl7-BZ#183	.431	µg/Kg	.0783	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl7-BZ#180	1.91	µg/Kg	.172	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl7-BZ#177	.587	µg/Kg	.116	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl6-BZ#146	1.14	µg/Kg	.0979	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl8-BZ#195	.178 U	µg/Kg	.178	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl6-BZ#138	7.44	µg/Kg	.155	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl6-BZ#149	3.44	µg/Kg	.125	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl6-BZ#151	1.44	µg/Kg	.208	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl6-BZ#153	5.30	µg/Kg	.178	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl6-BZ#156	.558 J	µg/Kg	.127	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl6-BZ#157	.235 J	µg/Kg	.0999	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl6-BZ#158	.499	µg/Kg	.0842	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl6-BZ#167	.196 J	µg/Kg	.108	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl6-BZ#169	.347 U	µg/Kg	.347	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Hexachlorobiphenyls	31.8	µg/Kg	.347	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl7-BZ#170	1.25 J	µg/Kg	.403	µg/Kg
8/21/2003	BTC-005-005	609554	4754151	5	0312036-10	Cl7-BZ#174	.607	µg/Kg	.0822	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl6-BZ#151	2.31	µg/Kg	.212	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl7-BZ#174	.940	µg/Kg	.0840	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl7-BZ#170	1.26 J	µg/Kg	.412	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Hexachlorobiphenyls	36.8	µg/Kg	.354	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl6-BZ#169	.354 U	µg/Kg	.354	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl6-BZ#167	.240 J	µg/Kg	.110	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl6-BZ#158	.290 J	µg/Kg	.0860	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl6-BZ#157	.300 J	µg/Kg	.102	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl6-BZ#146	1.55	µg/Kg	.100	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl6-BZ#153	5.23	µg/Kg	.182	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl7-BZ#177	.800	µg/Kg	.118	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl6-BZ#149	5.74	µg/Kg	.128	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl6-BZ#138	7.77	µg/Kg	.158	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl6-BZ#156	.520 J	µg/Kg	.130	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl7-BZ#180	2.07	µg/Kg	.176	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl7-BZ#183	.630	µg/Kg	.0800	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl7-BZ#189	.158 U	µg/Kg	.158	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl7-BZ#187	2.49	µg/Kg	.0880	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Heptachlorobiphenyls	9.54	µg/Kg	.412	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl8-BZ#194	.680 J	µg/Kg	.184	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl8-BZ#195	.190 J	µg/Kg	.182	µg/Kg

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SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl8-BZ#201	1.15	µg/Kg	.160	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Octachlorobiphenyls	3.87	µg/Kg	.184	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl9-BZ#206	.860 J	µg/Kg	.214	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Nonachlorobiphenyls	3.79	µg/Kg	.214	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl10-BZ#209	.360 J	µg/Kg	.100	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Total Homologues	559.	µg/Kg	5.88	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Monochlorobiphenyls	5.88 U	µg/Kg	5.88	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Decachlorobiphenyl	.360 J	µg/Kg	.100	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl4-BZ#77	.240 U	µg/Kg	.240	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Percent Lipids	.57	%	0.10	%
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl2-BZ#8	6.61	µg/Kg	.172	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl3-BZ#18	6.72	µg/Kg	.382	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl3-BZ#31/#28	42.6	µg/Kg	2.75	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Trichlorobiphenyls	103.	µg/Kg	2.75	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl4-BZ#44	9.42	µg/Kg	.262	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl4-BZ#45	2.16	µg/Kg	.350	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl4-BZ#47	33.1	µg/Kg	.444	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl4-BZ#49	29.8	µg/Kg	.218	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl4-BZ#52	41.2	µg/Kg	.248	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl4-BZ#56	4.90	µg/Kg	.130	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl4-BZ#66	10.3	µg/Kg	.174	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Dichlorobiphenyls	33.2	µg/Kg	.172	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl4-BZ#74	9.49	µg/Kg	.268	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl5-BZ#105	2.46	µg/Kg	.0780	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Pentachlorobiphenyls	120.	µg/Kg	.164	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl5-BZ#126	.122 U	µg/Kg	.122	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl5-BZ#123	6.74	µg/Kg	.138	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl5-BZ#118	8.45	µg/Kg	.164	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl4-BZ#70	9.38	µg/Kg	.152	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl5-BZ#110	9.36	µg/Kg	.152	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl6-BZ#128	1.15	µg/Kg	.110	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl5-BZ#101	13.4	µg/Kg	.160	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl5-BZ#99	6.90	µg/Kg	.0560	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl5-BZ#95	13.3	µg/Kg	.0820	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl5-BZ#87	5.35	µg/Kg	.106	µg/Kg

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[2]U = Non-detected result at the detection limit
J/UJ = Estimated result or detection limit
[3]PCB results & detection limit reported on wet weight basis

Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Tetrachlorobiphenyls	244.	µg/Kg	.444	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl4-BZ#81	.238 U	µg/Kg	.238	µg/Kg
8/22/2003	BTC-006-001	611426	4755125	6	0312035-12	Cl5-BZ#114	.0700 U	µg/Kg	.0700	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Percent Lipids	1.2	%	0.10	%
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl4-BZ#66	21.9	µg/Kg	.154	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl6-BZ#138	17.9	µg/Kg	.140	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl5-BZ#118	18.2	µg/Kg	.145	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl5-BZ#114	.424	µg/Kg	.0618	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl5-BZ#110	17.8	µg/Kg	.134	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl5-BZ#105	5.35	µg/Kg	.0689	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl5-BZ#101	26.4	µg/Kg	.141	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl5-BZ#99	15.5	µg/Kg	.0495	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl5-BZ#95	24.4	µg/Kg	.0724	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl5-BZ#87	10.9	µg/Kg	.0936	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Tetrachlorobiphenyls	452.	µg/Kg	.392	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl4-BZ#81	.210 U	µg/Kg	.210	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl4-BZ#77	.212 U	µg/Kg	.212	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl5-BZ#126	.108 U	µg/Kg	.108	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl4-BZ#70	18.0	µg/Kg	.134	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Pentachlorobiphenyls	223.	µg/Kg	.145	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl4-BZ#56	11.5	µg/Kg	.115	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl4-BZ#52	80.7	µg/Kg	.219	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl4-BZ#49	58.8	µg/Kg	.192	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl4-BZ#47	62.4	µg/Kg	.392	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl4-BZ#45	3.00	µg/Kg	.309	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl4-BZ#44	19.4	µg/Kg	.231	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Trichlorobiphenyls	201.	µg/Kg	2.43	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl3-BZ#31/#28	81.2	µg/Kg	2.43	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl3-BZ#18	14.7	µg/Kg	.337	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Dichlorobiphenyls	49.1	µg/Kg	.152	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl2-BZ#8	11.1	µg/Kg	.152	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Monochlorobiphenyls	5.23 J	µg/Kg	5.19	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl4-BZ#74	19.4	µg/Kg	.237	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl7-BZ#174	2.00	µg/Kg	.0742	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Decachlorobiphenyl	.283 J	µg/Kg	.0883	µg/Kg

[1]BZ# = PCB congener Ballschmiter & Zell number
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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl10-BZ#209	.283 J	µg/Kg	.0883	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Nonachlorobiphenyls	7.51	µg/Kg	.189	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl9-BZ#206	1.70	µg/Kg	.189	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Octachlorobiphenyls	7.78	µg/Kg	.162	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl8-BZ#201	2.65	µg/Kg	.141	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl8-BZ#195	.397 J	µg/Kg	.161	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl8-BZ#194	1.57	µg/Kg	.162	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Heptachlorobiphenyls	21.6	µg/Kg	.364	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl7-BZ#187	6.32	µg/Kg	.0777	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl7-BZ#189	.140 U	µg/Kg	.140	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl7-BZ#183	1.47	µg/Kg	.0706	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl5-BZ#123	.122 U	µg/Kg	.122	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl7-BZ#177	1.86	µg/Kg	.104	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl6-BZ#156	1.14	µg/Kg	.115	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl6-BZ#128	2.53	µg/Kg	.0971	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl6-BZ#146	3.83	µg/Kg	.0883	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl6-BZ#149	12.2	µg/Kg	.113	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl7-BZ#180	5.52	µg/Kg	.155	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl6-BZ#153	13.3	µg/Kg	.161	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Total Homologues	1050.	µg/Kg	5.19	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl6-BZ#157	.380 J	µg/Kg	.0901	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl6-BZ#158	.777	µg/Kg	.0759	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl6-BZ#167	.600	µg/Kg	.0971	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl6-BZ#169	.313 U	µg/Kg	.313	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Hexachlorobiphenyls	83.2	µg/Kg	.313	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl7-BZ#170	3.06	µg/Kg	.364	µg/Kg
8/22/2003	BTC-006-002	611426	4755125	6	0312035-13	Cl6-BZ#151	5.30	µg/Kg	.187	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Monochlorobiphenyls	5.62 J	µg/Kg	4.80	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl6-BZ#128	2.30	µg/Kg	.0898	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl4-BZ#70	21.0	µg/Kg	.124	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl6-BZ#146	3.28	µg/Kg	.0816	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl5-BZ#123	.113 U	µg/Kg	.113	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl5-BZ#118	16.6	µg/Kg	.134	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl5-BZ#114	.612	µg/Kg	.0571	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl5-BZ#110	15.6	µg/Kg	.124	µg/Kg

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Tadpole Data Table
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SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl5-BZ#105	4.83	µg/Kg	.0637	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl5-BZ#101	27.2	µg/Kg	.131	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl5-BZ#99	14.8	µg/Kg	.0457	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl5-BZ#95	25.4	µg/Kg	.0669	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl5-BZ#87	10.9	µg/Kg	.0865	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Tetrachlorobiphenyls	497.	µg/Kg	.362	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl4-BZ#81	.194 U	µg/Kg	.194	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl5-BZ#126	.0996 U	µg/Kg	.0996	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl4-BZ#74	18.5	µg/Kg	.219	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Pentachlorobiphenyls	222.	µg/Kg	.134	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl4-BZ#66	21.2	µg/Kg	.142	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl4-BZ#56	10.8	µg/Kg	.106	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl4-BZ#52	89.0	µg/Kg	.202	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl4-BZ#49	62.5	µg/Kg	.178	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl4-BZ#47	73.9	µg/Kg	.362	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl4-BZ#45	3.40	µg/Kg	.286	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl4-BZ#44	20.1	µg/Kg	.214	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Trichlorobiphenyls	206.	µg/Kg	2.25	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl3-BZ#31/#28	86.6	µg/Kg	2.25	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl3-BZ#18	11.8 J	µg/Kg	.312	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Dichlorobiphenyls	49.4	µg/Kg	.140	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl2-BZ#8	9.05	µg/Kg	.140	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl4-BZ#77	.196 U	µg/Kg	.196	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl7-BZ#177	1.62	µg/Kg	.0963	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Total Homologues	1090.	µg/Kg	4.80	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Decachlorobiphenyl	.335 J	µg/Kg	.0816	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl10-BZ#209	.335 J	µg/Kg	.0816	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Nonachlorobiphenyls	4.98	µg/Kg	.175	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl9-BZ#206	1.62	µg/Kg	.175	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Octachlorobiphenyls	6.84	µg/Kg	.150	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl8-BZ#201	2.59	µg/Kg	.131	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl8-BZ#195	.441 J	µg/Kg	.149	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl8-BZ#194	1.38	µg/Kg	.150	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Heptachlorobiphenyls	20.2	µg/Kg	.336	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl7-BZ#187	5.53	µg/Kg	.0718	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl7-BZ#189	.129 U	µg/Kg	.129	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl7-BZ#180	4.59	µg/Kg	.144	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Percent Lipids	.78	%	0.10	%
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl7-BZ#174	1.89	µg/Kg	.0686	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl7-BZ#170	2.62	µg/Kg	.336	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Hexachlorobiphenyls	75.7	µg/Kg	.289	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl6-BZ#169	.289 U	µg/Kg	.289	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl6-BZ#167	.384 J	µg/Kg	.0898	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl6-BZ#158	.906	µg/Kg	.0702	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl6-BZ#157	.302 J	µg/Kg	.0833	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl6-BZ#156	.988	µg/Kg	.106	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl6-BZ#153	11.1	µg/Kg	.149	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl6-BZ#151	4.82	µg/Kg	.173	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl6-BZ#149	11.6	µg/Kg	.105	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl6-BZ#138	16.1	µg/Kg	.129	µg/Kg
8/22/2003	BTC-006-003	611426	4755125	6	0312036-11	Cl7-BZ#183	1.37	µg/Kg	.0653	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl6-BZ#128	3.80	µg/Kg	.0901	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl7-BZ#183	2.17	µg/Kg	.0655	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Total Homologues	1730.	µg/Kg	4.82	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl6-BZ#149	19.1	µg/Kg	.105	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl6-BZ#151	8.18	µg/Kg	.174	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl6-BZ#153	19.4	µg/Kg	.149	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl6-BZ#156	1.62	µg/Kg	.106	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl6-BZ#157	.541	µg/Kg	.0836	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl6-BZ#158	1.33	µg/Kg	.0705	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl6-BZ#167	.705	µg/Kg	.0901	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl6-BZ#169	.290 U	µg/Kg	.290	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Hexachlorobiphenyls	126.	µg/Kg	.290	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl7-BZ#170	4.28	µg/Kg	.338	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl7-BZ#174	3.08	µg/Kg	.0688	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Pentachlorobiphenyls	367.	µg/Kg	.134	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl7-BZ#180	7.60	µg/Kg	.144	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl5-BZ#126	.100 U	µg/Kg	.100	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl7-BZ#189	.130 U	µg/Kg	.130	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl7-BZ#187	9.30	µg/Kg	.0721	µg/Kg

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[3]PCB results & detection limit reported on wet weight basis

Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Heptachlorobiphenyls	31.2	µg/Kg	.338	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl8-BZ#194	2.20	µg/Kg	.151	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl8-BZ#195	.631 J	µg/Kg	.149	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl8-BZ#201	3.95	µg/Kg	.131	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Octachlorobiphenyls	10.6	µg/Kg	.151	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl9-BZ#206	2.58	µg/Kg	.175	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Nonachlorobiphenyls	6.06	µg/Kg	.175	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl10-BZ#209	.393 J	µg/Kg	.0819	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Decachlorobiphenyl	.393 J	µg/Kg	.0819	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl6-BZ#146	5.69	µg/Kg	.0819	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl7-BZ#177	2.73	µg/Kg	.0967	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl4-BZ#74	28.7	µg/Kg	.220	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Monochlorobiphenyls	10.0 J	µg/Kg	4.82	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl2-BZ#8	20.4	µg/Kg	.141	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Dichlorobiphenyls	90.3	µg/Kg	.141	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl3-BZ#18	23.6 J	µg/Kg	.313	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl3-BZ#31/#28	110.	µg/Kg	2.26	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Trichlorobiphenyls	318.	µg/Kg	2.26	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl4-BZ#44	32.1	µg/Kg	.215	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl4-BZ#45	5.36	µg/Kg	.287	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl4-BZ#47	112.	µg/Kg	.364	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl4-BZ#49	95.1	µg/Kg	.179	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl4-BZ#52	136.	µg/Kg	.203	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl4-BZ#56	13.9	µg/Kg	.106	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl6-BZ#138	27.5	µg/Kg	.130	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl4-BZ#70	31.6	µg/Kg	.124	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Percent Lipids	1.1	%	0.10	%
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl4-BZ#77	.197 U	µg/Kg	.197	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl4-BZ#81	.195 U	µg/Kg	.195	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Tetrachlorobiphenyls	774.	µg/Kg	.364	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl5-BZ#87	17.6	µg/Kg	.0869	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl5-BZ#95	41.9	µg/Kg	.0672	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl5-BZ#99	23.8	µg/Kg	.0459	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl5-BZ#101	44.9	µg/Kg	.131	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl5-BZ#105	8.22	µg/Kg	.0639	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl5-BZ#110	27.5	µg/Kg	.124	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl5-BZ#114	1.37	µg/Kg	.0574	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl5-BZ#118	28.3	µg/Kg	.134	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl5-BZ#123	.113 U	µg/Kg	.113	µg/Kg
8/22/2003	BTC-006-004	611426	4755125	6	0312036-12	Cl4-BZ#66	35.0	µg/Kg	.143	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl7-BZ#180	4.51	µg/Kg	.146	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Monochlorobiphenyls	6.79 J	µg/Kg	4.86	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl6-BZ#146	2.87	µg/Kg	.0827	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl6-BZ#149	10.6	µg/Kg	.106	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl6-BZ#151	4.10	µg/Kg	.175	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl6-BZ#153	10.6	µg/Kg	.150	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl6-BZ#156	1.08	µg/Kg	.108	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl6-BZ#157	.562	µg/Kg	.0843	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl6-BZ#158	.827	µg/Kg	.0711	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl6-BZ#167	.397 J	µg/Kg	.0909	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl6-BZ#169	.293 U	µg/Kg	.293	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Hexachlorobiphenyls	72.4	µg/Kg	.293	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl7-BZ#170	2.60	µg/Kg	.341	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl6-BZ#138	15.7	µg/Kg	.131	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl7-BZ#177	1.49	µg/Kg	.0976	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl6-BZ#128	2.62	µg/Kg	.0909	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl7-BZ#183	1.20	µg/Kg	.0661	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl7-BZ#189	.131 U	µg/Kg	.131	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl7-BZ#187	4.72	µg/Kg	.0728	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Heptachlorobiphenyls	18.4	µg/Kg	.341	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl8-BZ#194	1.22	µg/Kg	.152	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl8-BZ#195	.405 J	µg/Kg	.150	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl8-BZ#201	2.16	µg/Kg	.132	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Octachlorobiphenyls	6.42	µg/Kg	.152	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl9-BZ#206	1.46	µg/Kg	.177	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Nonachlorobiphenyls	5.84	µg/Kg	.177	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl10-BZ#209	.281 J	µg/Kg	.0827	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Decachlorobiphenyl	.281 J	µg/Kg	.0827	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Total Homologues	950.	µg/Kg	4.86	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl7-BZ#174	1.70	µg/Kg	.0694	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl4-BZ#77	.198 U	µg/Kg	.198	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl2-BZ#8	9.89	µg/Kg	.142	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Dichlorobiphenyls	49.1	µg/Kg	.142	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl3-BZ#18	12.1 J	µg/Kg	.316	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl3-BZ#31/#28	67.0	µg/Kg	2.28	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Trichlorobiphenyls	178.	µg/Kg	2.28	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl4-BZ#44	16.8	µg/Kg	.217	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl4-BZ#45	2.94	µg/Kg	.289	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl4-BZ#47	59.1	µg/Kg	.367	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl4-BZ#49	50.8	µg/Kg	.180	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl4-BZ#52	69.0	µg/Kg	.205	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl4-BZ#56	8.21	µg/Kg	.108	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl4-BZ#66	18.1	µg/Kg	.144	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl4-BZ#74	14.8	µg/Kg	.222	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl5-BZ#101	24.4	µg/Kg	.132	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Pentachlorobiphenyls	207.	µg/Kg	.136	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl5-BZ#126	.101 U	µg/Kg	.101	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl5-BZ#123	.114 U	µg/Kg	.114	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl5-BZ#118	15.5	µg/Kg	.136	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl5-BZ#114	.562	µg/Kg	.0579	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl4-BZ#70	16.8	µg/Kg	.126	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl5-BZ#105	4.74	µg/Kg	.0645	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Percent Lipids	.66	%	0.10	%
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl5-BZ#99	12.4	µg/Kg	.0463	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl5-BZ#95	23.0	µg/Kg	.0678	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl5-BZ#87	9.97	µg/Kg	.0876	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Tetrachlorobiphenyls	406.	µg/Kg	.367	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl4-BZ#81	.197 U	µg/Kg	.197	µg/Kg
8/22/2003	BTC-006-005	611426	4755125	6	0312036-13	Cl5-BZ#110	15.0	µg/Kg	.126	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl5-BZ#126	.114 U	µg/Kg	.114	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl7-BZ#189	.148 U	µg/Kg	.148	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl6-BZ#146	1.90	µg/Kg	.0937	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl6-BZ#149	7.05	µg/Kg	.120	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl6-BZ#151	3.03	µg/Kg	.199	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl6-BZ#153	6.53	µg/Kg	.170	µg/Kg

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SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl6-BZ#156	.618	µg/Kg	.122	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl6-BZ#157	.319 J	µg/Kg	.0955	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl6-BZ#158	.487	µg/Kg	.0806	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl6-BZ#167	.309 J	µg/Kg	.103	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl6-BZ#169	.332 U	µg/Kg	.332	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Hexachlorobiphenyls	48.9	µg/Kg	.332	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl7-BZ#170	1.65 J	µg/Kg	.386	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl7-BZ#174	1.25	µg/Kg	.0787	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl6-BZ#138	9.88	µg/Kg	.148	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl7-BZ#180	2.81	µg/Kg	.165	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl7-BZ#177	1.10	µg/Kg	.111	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl7-BZ#187	3.45	µg/Kg	.0824	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Heptachlorobiphenyls	11.8	µg/Kg	.386	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl8-BZ#194	.890	µg/Kg	.172	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl8-BZ#195	.319 J	µg/Kg	.170	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl8-BZ#201	1.68	µg/Kg	.150	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Octachlorobiphenyls	5.23	µg/Kg	.172	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl9-BZ#206	1.29	µg/Kg	.200	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Nonachlorobiphenyls	4.59	µg/Kg	.200	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl10-BZ#209	.319 J	µg/Kg	.0937	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Decachlorobiphenyl	.319 J	µg/Kg	.0937	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Total Homologues	723.	µg/Kg	5.51	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl6-BZ#128	1.55	µg/Kg	.103	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Percent Lipids	.68	%	0.10	%
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl2-BZ#8	9.84	µg/Kg	.161	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl7-BZ#183	.871	µg/Kg	.0749	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Monochlorobiphenyls	5.69 J	µg/Kg	5.51	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Pentachlorobiphenyls	148.	µg/Kg	.154	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Dichlorobiphenyls	54.8	µg/Kg	.161	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl3-BZ#18	11.1 J	µg/Kg	.358	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl3-BZ#31/#28	42.2	µg/Kg	2.58	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Trichlorobiphenyls	129.	µg/Kg	2.58	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl4-BZ#44	11.6	µg/Kg	.245	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl4-BZ#45	2.76	µg/Kg	.328	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl4-BZ#47	42.2	µg/Kg	.416	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl4-BZ#49	35.7	µg/Kg	.204	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl4-BZ#52	49.8	µg/Kg	.232	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl4-BZ#56	6.53	µg/Kg	.122	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl4-BZ#66	11.5	µg/Kg	.163	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl5-BZ#118	9.16	µg/Kg	.154	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl5-BZ#123	.129 U	µg/Kg	.129	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl5-BZ#114	.534	µg/Kg	.0656	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl5-BZ#110	11.5	µg/Kg	.142	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl5-BZ#105	2.84	µg/Kg	.0731	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl5-BZ#101	16.1	µg/Kg	.150	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl5-BZ#99	8.95	µg/Kg	.0525	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl5-BZ#87	6.07	µg/Kg	.0993	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Tetrachlorobiphenyls	314.	µg/Kg	.416	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl4-BZ#81	.223 U	µg/Kg	.223	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl4-BZ#77	.225 U	µg/Kg	.225	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl4-BZ#74	9.65	µg/Kg	.251	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl4-BZ#70	11.5	µg/Kg	.142	µg/Kg
8/22/2003	BTC-006-006	611426	4755125	6	0312036-14	Cl5-BZ#95	16.9	µg/Kg	.0768	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl6-BZ#138	146.	µg/Kg	.217	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Hexachlorobiphenyls	708.	µg/Kg	.487	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl6-BZ#169	.487 U	µg/Kg	.487	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl6-BZ#167	4.29	µg/Kg	.151	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl6-BZ#158	7.92	µg/Kg	.118	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl6-BZ#157	4.24	µg/Kg	.140	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl6-BZ#156	9.45	µg/Kg	.179	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl6-BZ#153	116.	µg/Kg	.250	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl6-BZ#151	53.4	µg/Kg	.292	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl6-BZ#128	20.2	µg/Kg	.151	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl6-BZ#146	37.4	µg/Kg	.138	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl7-BZ#170	27.3	µg/Kg	.567	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl8-BZ#194	12.9	µg/Kg	.253	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl6-BZ#149	95.6	µg/Kg	.176	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl7-BZ#174	19.7	µg/Kg	.116	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl7-BZ#177	18.9	µg/Kg	.162	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl7-BZ#180	47.9	µg/Kg	.242	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl7-BZ#183	13.2	µg/Kg	.110	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl7-BZ#189	1.33	µg/Kg	.217	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl10-BZ#209	1.73	µg/Kg	.138	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Heptachlorobiphenyls	180.	µg/Kg	.567	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Pentachlorobiphenyls	1630.	µg/Kg	.226	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl8-BZ#195	3.81	µg/Kg	.250	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl8-BZ#201	19.6	µg/Kg	.220	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Octachlorobiphenyls	57.4	µg/Kg	.250	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl9-BZ#206	9.26	µg/Kg	.294	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Nonachlorobiphenyls	25.6	µg/Kg	.294	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl7-BZ#187	52.3	µg/Kg	.121	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl4-BZ#70	125.	µg/Kg	.209	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Percent Lipids	1.6	%	0.10	%
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Monochlorobiphenyls	69.4	µg/Kg	8.09	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Total Homologues	7680.	µg/Kg	8.09	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Dichlorobiphenyls	578.	µg/Kg	.236	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl3-BZ#18	60.8	µg/Kg	.525	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl3-BZ#31/#28	644.	µg/Kg	3.79	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Trichlorobiphenyls	1300.	µg/Kg	3.79	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl4-BZ#44	89.5	µg/Kg	.360	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl4-BZ#45	20.1	µg/Kg	.481	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl4-BZ#47	482.	µg/Kg	.611	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl4-BZ#49	391.	µg/Kg	.300	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl4-BZ#52	565.	µg/Kg	.341	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl2-BZ#8	40.1	µg/Kg	.236	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl4-BZ#66	91.2	µg/Kg	.239	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl5-BZ#126	.168 U	µg/Kg	.168	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl4-BZ#74	76.7	µg/Kg	.369	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl4-BZ#77	.330 U	µg/Kg	.330	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl4-BZ#81	.327 U	µg/Kg	.327	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Tetrachlorobiphenyls	3130.	µg/Kg	.611	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl5-BZ#87	78.4	µg/Kg	.146	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl5-BZ#95	170.	µg/Kg	.113	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl5-BZ#99	115.	µg/Kg	.0770	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl5-BZ#101	181.	µg/Kg	.220	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl5-BZ#105	23.4	µg/Kg	.107	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl5-BZ#110	120.	µg/Kg	.209	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl5-BZ#114	5.74	µg/Kg	.0963	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl5-BZ#118	118.	µg/Kg	.226	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl5-BZ#123	.190 U	µg/Kg	.190	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Cl4-BZ#56	42.8	µg/Kg	.179	µg/Kg
8/28/2003	BTC-007-001	614853	4781002	7	0312035-14	Decachlorobiphenyl	1.73	µg/Kg	.138	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl7-BZ#189	.283 J	µg/Kg	.154	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl6-BZ#146	10.9	µg/Kg	.0977	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl6-BZ#149	25.0	µg/Kg	.125	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl6-BZ#151	15.1	µg/Kg	.207	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl6-BZ#153	30.5	µg/Kg	.178	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl6-BZ#156	2.36	µg/Kg	.127	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl6-BZ#157	1.02	µg/Kg	.0997	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl6-BZ#158	1.97	µg/Kg	.0840	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl6-BZ#167	1.04	µg/Kg	.108	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl6-BZ#169	.346 U	µg/Kg	.346	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Hexachlorobiphenyls	194.	µg/Kg	.346	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl7-BZ#170	8.41	µg/Kg	.403	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Percent Lipids	.59	%	0.10	%
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl6-BZ#138	38.1	µg/Kg	.154	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl7-BZ#183	4.42	µg/Kg	.0782	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl7-BZ#174	5.77	µg/Kg	.0821	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl7-BZ#187	16.8	µg/Kg	.0860	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Heptachlorobiphenyls	57.7	µg/Kg	.403	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl8-BZ#194	5.50	µg/Kg	.180	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl8-BZ#195	1.73	µg/Kg	.178	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl8-BZ#201	8.03	µg/Kg	.156	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Octachlorobiphenyls	22.9	µg/Kg	.180	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl9-BZ#206	4.98	µg/Kg	.209	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Nonachlorobiphenyls	16.0	µg/Kg	.209	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl10-BZ#209	1.41	µg/Kg	.0977	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Decachlorobiphenyl	1.41	µg/Kg	.0977	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Total Homologues	2190.	µg/Kg	5.74	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Monochlorobiphenyls	25.6 J	µg/Kg	5.74	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl7-BZ#177	5.81	µg/Kg	.115	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl4-BZ#44	18.9	µg/Kg	.256	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl4-BZ#70	23.2	µg/Kg	.148	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl4-BZ#66	22.1	µg/Kg	.170	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl4-BZ#56	13.4	µg/Kg	.127	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl4-BZ#52	146.	µg/Kg	.242	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl4-BZ#49	94.4	µg/Kg	.213	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl4-BZ#74	23.0	µg/Kg	.262	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl4-BZ#45	7.08	µg/Kg	.342	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Dichlorobiphenyls	207.	µg/Kg	.168	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Trichlorobiphenyls	377.	µg/Kg	2.69	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl3-BZ#31/#28	117.	µg/Kg	2.69	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl3-BZ#18	18.4	µg/Kg	.373	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl6-BZ#128	4.86	µg/Kg	.108	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl2-BZ#8	16.4	µg/Kg	.168	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl7-BZ#180	15.2	µg/Kg	.172	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl4-BZ#47	132.	µg/Kg	.434	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl5-BZ#126	.119 U	µg/Kg	.119	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Pentachlorobiphenyls	429.	µg/Kg	.160	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl5-BZ#123	.135 U	µg/Kg	.135	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl5-BZ#118	28.1	µg/Kg	.160	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl5-BZ#114	1.64	µg/Kg	.0684	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl5-BZ#110	32.4	µg/Kg	.148	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl5-BZ#105	7.00	µg/Kg	.0762	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl5-BZ#99	31.5	µg/Kg	.0547	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl5-BZ#95	41.3	µg/Kg	.0801	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl5-BZ#87	20.5	µg/Kg	.104	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Tetrachlorobiphenyls	857.	µg/Kg	.434	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl4-BZ#81	.233 U	µg/Kg	.233	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl4-BZ#77	.235 U	µg/Kg	.235	µg/Kg
8/28/2003	BTC-007-002	614853	4781002	7	0312035-15	Cl5-BZ#101	45.4	µg/Kg	.156	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl6-BZ#146	14.7	µg/Kg	.0924	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl7-BZ#170	11.4	µg/Kg	.381	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Hexachlorobiphenyls	279.	µg/Kg	.327	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl6-BZ#169	.327 U	µg/Kg	.327	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl6-BZ#167	1.40	µg/Kg	.102	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl6-BZ#158	2.76	µg/Kg	.0795	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl6-BZ#157	1.52	µg/Kg	.0942	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl6-BZ#156	3.55	µg/Kg	.120	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl6-BZ#153	44.8	µg/Kg	.168	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl6-BZ#138	55.2	µg/Kg	.146	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl6-BZ#149	37.4	µg/Kg	.118	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl7-BZ#174	8.10	µg/Kg	.0776	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl8-BZ#201	9.70	µg/Kg	.148	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl6-BZ#151	19.9	µg/Kg	.196	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl7-BZ#177	7.51	µg/Kg	.109	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl7-BZ#180	20.0	µg/Kg	.163	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl7-BZ#183	6.22	µg/Kg	.0739	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl7-BZ#189	.462 J	µg/Kg	.146	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl7-BZ#187	22.4	µg/Kg	.0813	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Heptachlorobiphenyls	82.5	µg/Kg	.381	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Decachlorobiphenyl	1.21	µg/Kg	.0924	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl8-BZ#195	2.09	µg/Kg	.168	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl6-BZ#128	7.46	µg/Kg	.102	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Octachlorobiphenyls	28.5	µg/Kg	.170	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl9-BZ#206	5.72	µg/Kg	.198	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Nonachlorobiphenyls	14.2	µg/Kg	.198	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl10-BZ#209	1.21	µg/Kg	.0924	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Total Homologues	3360.	µg/Kg	5.43	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl8-BZ#194	6.58	µg/Kg	.170	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl4-BZ#77	.222 U	µg/Kg	.222	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Percent Lipids	1.1	%	0.10	%
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Monochlorobiphenyls	53.7	µg/Kg	5.43	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Dichlorobiphenyls	404.	µg/Kg	.159	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl3-BZ#18	29.4 J	µg/Kg	.353	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl3-BZ#31/#28	183.	µg/Kg	2.54	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Trichlorobiphenyls	593.	µg/Kg	2.54	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl4-BZ#44	28.3	µg/Kg	.242	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl4-BZ#45	10.8	µg/Kg	.323	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl4-BZ#47	202.	µg/Kg	.410	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl4-BZ#49	142.	µg/Kg	.201	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl4-BZ#52	218.	µg/Kg	.229	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl4-BZ#56	15.4	µg/Kg	.120	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl4-BZ#66	32.3	µg/Kg	.161	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl2-BZ#8	21.2	µg/Kg	.159	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl5-BZ#101	70.7	µg/Kg	.148	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl5-BZ#126	.113 U	µg/Kg	.113	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl5-BZ#123	33.7	µg/Kg	.127	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl5-BZ#118	42.2	µg/Kg	.152	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl5-BZ#114	2.24	µg/Kg	.0647	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl4-BZ#70	37.2	µg/Kg	.140	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl5-BZ#105	8.21	µg/Kg	.0721	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl4-BZ#74	32.0	µg/Kg	.248	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl5-BZ#99	43.7	µg/Kg	.0517	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl5-BZ#95	61.9	µg/Kg	.0758	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl5-BZ#87	29.6	µg/Kg	.0979	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Tetrachlorobiphenyls	1260.	µg/Kg	.410	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl4-BZ#81	.220 U	µg/Kg	.220	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Pentachlorobiphenyls	644.	µg/Kg	.152	µg/Kg
8/28/2003	BTC-007-003	614853	4781002	7	0312036-15	Cl5-BZ#110	44.2	µg/Kg	.140	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl5-BZ#126	.121 U	µg/Kg	.121	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl7-BZ#177	6.24	µg/Kg	.117	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Decachlorobiphenyl	1.32	µg/Kg	.0993	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl6-BZ#138	40.6	µg/Kg	.157	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl6-BZ#146	11.5	µg/Kg	.0993	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl6-BZ#149	29.2	µg/Kg	.127	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl6-BZ#151	15.6	µg/Kg	.211	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl6-BZ#153	33.3	µg/Kg	.181	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl6-BZ#156	2.51	µg/Kg	.129	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl6-BZ#157	1.22	µg/Kg	.101	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl6-BZ#158	2.12	µg/Kg	.0854	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl6-BZ#167	1.50	µg/Kg	.109	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl6-BZ#169	.352 U	µg/Kg	.352	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Hexachlorobiphenyls	218.	µg/Kg	.352	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl5-BZ#123	.137 U	µg/Kg	.137	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl7-BZ#174	6.24	µg/Kg	.0834	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Percent Lipids	.73	%	0.10	%
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl7-BZ#180	16.4	µg/Kg	.175	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl7-BZ#183	4.78	µg/Kg	.0794	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl7-BZ#189	.377 J	µg/Kg	.157	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl7-BZ#187	18.0	µg/Kg	.0874	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Heptachlorobiphenyls	61.0	µg/Kg	.409	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl8-BZ#194	5.37	µg/Kg	.183	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl8-BZ#195	1.63	µg/Kg	.181	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl8-BZ#201	8.06	µg/Kg	.159	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Octachlorobiphenyls	23.5	µg/Kg	.183	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl9-BZ#206	5.13	µg/Kg	.213	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Nonachlorobiphenyls	11.6	µg/Kg	.213	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl10-BZ#209	1.32	µg/Kg	.0993	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl7-BZ#170	8.51	µg/Kg	.409	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl4-BZ#70	27.1	µg/Kg	.151	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl6-BZ#128	4.82	µg/Kg	.109	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Monochlorobiphenyls	39.4	µg/Kg	5.84	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl2-BZ#8	21.9	µg/Kg	.171	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Dichlorobiphenyls	278.	µg/Kg	.171	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl3-BZ#18	22.8	µg/Kg	.379	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl3-BZ#31/#28	122. J	µg/Kg	2.73	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Trichlorobiphenyls	451.	µg/Kg	2.73	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl4-BZ#44	18.4	µg/Kg	.260	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl4-BZ#45	8.11	µg/Kg	.347	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl4-BZ#47	154.	µg/Kg	.441	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl4-BZ#49	89.6	µg/Kg	.216	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl4-BZ#52	162.	µg/Kg	.246	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Pentachlorobiphenyls	516.	µg/Kg	.163	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl4-BZ#66	23.5	µg/Kg	.173	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Total Homologues	2530.	µg/Kg	5.84	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl4-BZ#74	21.9	µg/Kg	.266	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl4-BZ#77	.238 U	µg/Kg	.238	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl4-BZ#81	.236 U	µg/Kg	.236	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Tetrachlorobiphenyls	932.	µg/Kg	.441	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl5-BZ#87	22.8	µg/Kg	.105	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl5-BZ#95	47.7	µg/Kg	.0814	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl5-BZ#99	33.3	µg/Kg	.0556	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl5-BZ#101	52.8	µg/Kg	.159	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl5-BZ#105	6.20	µg/Kg	.0774	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl5-BZ#110	38.1	µg/Kg	.151	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl5-BZ#114	1.85	µg/Kg	.0695	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl5-BZ#118	31.3	µg/Kg	.163	µg/Kg
8/28/2003	BTC-007-004	614853	4781002	7	0401044-01	Cl4-BZ#56	10.4	µg/Kg	.129	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl4-BZ#74	14.0	µg/Kg	.289	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Percent Lipids	1.1	%	0.10	%
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl5-BZ#126	.132 U	µg/Kg	.132	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl5-BZ#123	.149 U	µg/Kg	.149	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl5-BZ#118	16.9	µg/Kg	.177	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl5-BZ#114	1.22	µg/Kg	.0754	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl5-BZ#110	10.7	µg/Kg	.164	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl5-BZ#105	5.14	µg/Kg	.0841	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl5-BZ#101	24.6	µg/Kg	.172	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl5-BZ#99	13.7	µg/Kg	.0604	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl5-BZ#95	22.4	µg/Kg	.0884	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl5-BZ#87	10.7	µg/Kg	.114	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Tetrachlorobiphenyls	384.	µg/Kg	.479	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl6-BZ#128	3.22	µg/Kg	.119	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl4-BZ#77	.259 U	µg/Kg	.259	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl6-BZ#138	18.2	µg/Kg	.170	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl4-BZ#70	17.7	µg/Kg	.164	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl4-BZ#66	20.5	µg/Kg	.188	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl4-BZ#56	11.5	µg/Kg	.140	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl4-BZ#52	69.8	µg/Kg	.267	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl4-BZ#49	43.7	µg/Kg	.235	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl4-BZ#47	45.6	µg/Kg	.479	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl4-BZ#45	2.58	µg/Kg	.377	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl4-BZ#44	21.2	µg/Kg	.282	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Trichlorobiphenyls	161.	µg/Kg	2.97	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl3-BZ#31/#28	80.4	µg/Kg	2.97	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl3-BZ#18	6.75	µg/Kg	.412	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Dichlorobiphenyls	22.4	µg/Kg	.185	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl2-BZ#8	.185 U	µg/Kg	.185	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl4-BZ#81	.257 U	µg/Kg	.257	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl7-BZ#180	5.34	µg/Kg	.190	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Total Homologues	944.	µg/Kg	6.34	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Monochlorobiphenyls	6.34 U	µg/Kg	6.34	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Decachlorobiphenyl	1.09	µg/Kg	.108	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl10-BZ#209	1.09	µg/Kg	.108	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Nonachlorobiphenyls	19.6	µg/Kg	.231	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl9-BZ#206	2.32	µg/Kg	.231	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Octachlorobiphenyls	12.5	µg/Kg	.198	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl8-BZ#201	2.56	µg/Kg	.172	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl8-BZ#195	.862 J	µg/Kg	.196	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl8-BZ#194	1.90	µg/Kg	.198	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Heptachlorobiphenyls	24.9	µg/Kg	.444	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl7-BZ#187	6.11	µg/Kg	.0949	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Pentachlorobiphenyls	220.	µg/Kg	.177	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl7-BZ#183	1.83	µg/Kg	.0862	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl7-BZ#177	2.23	µg/Kg	.127	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl7-BZ#174	2.44	µg/Kg	.0905	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl7-BZ#170	3.50	µg/Kg	.444	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Hexachlorobiphenyls	95.7	µg/Kg	.382	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl6-BZ#169	.550 J	µg/Kg	.382	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl6-BZ#167	.948	µg/Kg	.119	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl6-BZ#158	1.62	µg/Kg	.0927	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl6-BZ#157	2.28	µg/Kg	.110	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl6-BZ#156	1.71	µg/Kg	.140	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl6-BZ#153	12.7	µg/Kg	.196	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl6-BZ#151	5.69	µg/Kg	.228	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl6-BZ#149	11.5	µg/Kg	.138	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl6-BZ#146	4.16	µg/Kg	.108	µg/Kg
8/29/2003	BTC-008-001	607892	4749119	8	0312035-16	Cl7-BZ#189	.754 J	µg/Kg	.170	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Pentachlorobiphenyls	185.	µg/Kg	.151	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl4-BZ#66	19.2	µg/Kg	.160	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl5-BZ#123	.127 U	µg/Kg	.127	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl5-BZ#118	14.8	µg/Kg	.151	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl5-BZ#114	.0644 U	µg/Kg	.0644	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl5-BZ#110	10.6	µg/Kg	.140	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl5-BZ#105	4.30	µg/Kg	.0717	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl5-BZ#101	23.3	µg/Kg	.147	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl5-BZ#99	12.0	µg/Kg	.0515	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl5-BZ#95	21.0	µg/Kg	.0754	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl5-BZ#87	9.88	µg/Kg	.0975	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Tetrachlorobiphenyls	357.	µg/Kg	.408	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl4-BZ#81	.219 U	µg/Kg	.219	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl4-BZ#77	.221 U	µg/Kg	.221	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl6-BZ#138	16.6	µg/Kg	.145	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl4-BZ#70	17.0	µg/Kg	.140	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl6-BZ#128	2.33	µg/Kg	.101	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl4-BZ#56	7.94	µg/Kg	.119	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl4-BZ#52	68.1	µg/Kg	.228	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl4-BZ#49	43.5	µg/Kg	.200	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl4-BZ#47	46.7	µg/Kg	.408	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl4-BZ#45	2.11	µg/Kg	.322	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl4-BZ#44	19.3	µg/Kg	.241	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Trichlorobiphenyls	161.	µg/Kg	2.53	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl3-BZ#31/#28	86.8	µg/Kg	2.53	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl3-BZ#18	6.25	µg/Kg	.351	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Dichlorobiphenyls	21.1	µg/Kg	.158	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl2-BZ#8	2.40	µg/Kg	.158	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Monochlorobiphenyls	5.41 U	µg/Kg	5.41	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl4-BZ#74	14.8	µg/Kg	.246	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl7-BZ#177	1.66	µg/Kg	.108	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Total Homologues	836.	µg/Kg	5.41	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Decachlorobiphenyl	.432 J	µg/Kg	.0920	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl10-BZ#209	.432 J	µg/Kg	.0920	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Nonachlorobiphenyls	9.13	µg/Kg	.197	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl9-BZ#206	1.61	µg/Kg	.197	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Octachlorobiphenyls	7.18	µg/Kg	.169	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl8-BZ#201	2.02	µg/Kg	.147	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl8-BZ#195	.423 J	µg/Kg	.167	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl8-BZ#194	1.31	µg/Kg	.169	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Heptachlorobiphenyls	17.5	µg/Kg	.379	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl7-BZ#187	5.33	µg/Kg	.0809	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl7-BZ#189	.145 U	µg/Kg	.145	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl5-BZ#126	.112 U	µg/Kg	.112	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl7-BZ#180	4.60	µg/Kg	.162	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Percent Lipids	.96	%	0.10	%
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl7-BZ#174	1.80	µg/Kg	.0772	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl7-BZ#170	2.80	µg/Kg	.379	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Hexachlorobiphenyls	74.8	µg/Kg	.326	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl6-BZ#169	.326 U	µg/Kg	.326	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl6-BZ#167	.377 J	µg/Kg	.101	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl6-BZ#158	.745	µg/Kg	.0791	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl6-BZ#157	.460 J	µg/Kg	.0938	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl6-BZ#156	1.08	µg/Kg	.119	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl6-BZ#153	11.4	µg/Kg	.167	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl6-BZ#151	5.20	µg/Kg	.195	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl6-BZ#149	11.0	µg/Kg	.118	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl6-BZ#146	3.72	µg/Kg	.0920	µg/Kg
8/29/2003	BTC-008-002	607892	4749119	8	0312035-17	Cl7-BZ#183	1.23	µg/Kg	.0736	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Percent Lipids	1.4	%	0.10	%
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl7-BZ#180	7.93	µg/Kg	.193	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Decachlorobiphenyl	.561	µg/Kg	.110	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl6-BZ#146	6.77	µg/Kg	.110	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl6-BZ#149	18.9	µg/Kg	.141	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl6-BZ#151	9.14	µg/Kg	.233	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl6-BZ#153	21.8	µg/Kg	.200	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl6-BZ#156	1.85	µg/Kg	.143	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl6-BZ#157	.472 J	µg/Kg	.112	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl6-BZ#158	1.44	µg/Kg	.0945	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl6-BZ#167	.681	µg/Kg	.121	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl6-BZ#169	.389 U	µg/Kg	.389	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Hexachlorobiphenyls	138.	µg/Kg	.389	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl7-BZ#170	4.69	µg/Kg	.453	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl6-BZ#128	4.42	µg/Kg	.121	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl7-BZ#177	3.02	µg/Kg	.130	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Pentachlorobiphenyls	308.	µg/Kg	.180	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl7-BZ#183	2.32	µg/Kg	.0879	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl7-BZ#189	.174 U	µg/Kg	.174	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl7-BZ#187	9.86	µg/Kg	.0967	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Heptachlorobiphenyls	32.8	µg/Kg	.453	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl8-BZ#194	2.20	µg/Kg	.202	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl8-BZ#195	.714 J	µg/Kg	.200	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl8-BZ#201	3.86	µg/Kg	.176	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Octachlorobiphenyls	10.9	µg/Kg	.202	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl9-BZ#206	2.41	µg/Kg	.235	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Nonachlorobiphenyls	9.41	µg/Kg	.235	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl10-BZ#209	.561	µg/Kg	.110	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Total Homologues	1340.	µg/Kg	6.46	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl7-BZ#174	3.13	µg/Kg	.0923	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl4-BZ#74	25.0	µg/Kg	.294	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl2-BZ#8	2.37	µg/Kg	.189	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Dichlorobiphenyls	30.5	µg/Kg	.189	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl3-BZ#18	6.87	µg/Kg	.420	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl3-BZ#31/#28	127. J	µg/Kg	3.03	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Trichlorobiphenyls	221.	µg/Kg	3.03	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl4-BZ#44	30.8	µg/Kg	.288	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl4-BZ#45	3.42	µg/Kg	.385	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl4-BZ#47	82.1	µg/Kg	.488	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl4-BZ#49	68.3	µg/Kg	.240	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl4-BZ#52	119.	µg/Kg	.273	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl4-BZ#56	15.4	µg/Kg	.143	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl6-BZ#138	31.5	µg/Kg	.174	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl4-BZ#70	30.1	µg/Kg	.167	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl5-BZ#101	40.9	µg/Kg	.176	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl5-BZ#126	.134 U	µg/Kg	.134	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl5-BZ#123	.152 U	µg/Kg	.152	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl5-BZ#118	27.7	µg/Kg	.180	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl5-BZ#114	.934	µg/Kg	.0769	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl4-BZ#66	33.0	µg/Kg	.191	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl5-BZ#105	7.76	µg/Kg	.0857	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Monochlorobiphenyls	6.46 U	µg/Kg	6.46	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl5-BZ#99	22.3	µg/Kg	.0615	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl5-BZ#95	35.3	µg/Kg	.0901	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl5-BZ#87	17.9	µg/Kg	.116	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Tetrachlorobiphenyls	588.	µg/Kg	.488	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl4-BZ#81	.262 U	µg/Kg	.262	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl4-BZ#77	.264 U	µg/Kg	.264	µg/Kg
8/29/2003	BTC-008-003	607892	4749119	8	0401044-02	Cl5-BZ#110	11.1	µg/Kg	.167	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Pentachlorobiphenyls	347.	µg/Kg	.205	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl4-BZ#66	37.8	µg/Kg	.218	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl6-BZ#138	30.1	µg/Kg	.198	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl5-BZ#118	27.9	µg/Kg	.205	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl5-BZ#114	1.05	µg/Kg	.0877	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl5-BZ#110	10.8	µg/Kg	.190	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl5-BZ#105	10.4	µg/Kg	.0977	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl5-BZ#101	46.1	µg/Kg	.200	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl5-BZ#99	23.8	µg/Kg	.0701	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl5-BZ#95	43.8	µg/Kg	.103	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl5-BZ#87	18.8	µg/Kg	.133	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Tetrachlorobiphenyls	725.	µg/Kg	.556	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl4-BZ#81	.298 U	µg/Kg	.298	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl4-BZ#77	.301 U	µg/Kg	.301	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl5-BZ#126	.153 U	µg/Kg	.153	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl4-BZ#70	34.6	µg/Kg	.190	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl6-BZ#128	4.30	µg/Kg	.138	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl4-BZ#56	16.8	µg/Kg	.163	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl4-BZ#52	155.	µg/Kg	.311	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl4-BZ#49	94.3	µg/Kg	.273	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl4-BZ#47	101.	µg/Kg	.556	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl4-BZ#45	3.29	µg/Kg	.438	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl4-BZ#44	34.6	µg/Kg	.328	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Trichlorobiphenyls	269.	µg/Kg	3.45	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl3-BZ#31/#28	156. J	µg/Kg	3.45	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl3-BZ#18	5.72	µg/Kg	.479	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Dichlorobiphenyls	34.5	µg/Kg	.215	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl2-BZ#8	1.20	µg/Kg	.215	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Monochlorobiphenyls	7.36 U	µg/Kg	7.36	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl4-BZ#74	27.8	µg/Kg	.336	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl7-BZ#180	8.32	µg/Kg	.221	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Percent Lipids	2.0	%	0.10	%
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Decachlorobiphenyl	.827	µg/Kg	.125	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl10-BZ#209	.827	µg/Kg	.125	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Nonachlorobiphenyls	8.98	µg/Kg	.268	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl9-BZ#206	2.88	µg/Kg	.268	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Octachlorobiphenyls	12.0	µg/Kg	.230	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl8-BZ#201	4.03	µg/Kg	.200	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl8-BZ#195	.701 J	µg/Kg	.228	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl8-BZ#194	2.37	µg/Kg	.230	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Heptachlorobiphenyls	31.0	µg/Kg	.516	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl7-BZ#187	9.22	µg/Kg	.110	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl5-BZ#123	.173 U	µg/Kg	.173	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl7-BZ#183	2.20	µg/Kg	.100	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl6-BZ#158	1.50	µg/Kg	.108	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl6-BZ#146	6.12	µg/Kg	.125	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl6-BZ#149	18.2	µg/Kg	.160	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl6-BZ#151	9.54	µg/Kg	.266	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl6-BZ#153	20.8	µg/Kg	.228	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl7-BZ#189	.198 U	µg/Kg	.198	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl6-BZ#157	.889	µg/Kg	.128	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Total Homologues	1570.	µg/Kg	7.36	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl6-BZ#167	.701	µg/Kg	.138	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl6-BZ#169	.443 U	µg/Kg	.443	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Hexachlorobiphenyls	137.	µg/Kg	.443	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl7-BZ#170	4.71	µg/Kg	.516	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl7-BZ#174	3.19	µg/Kg	.105	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl7-BZ#177	2.89	µg/Kg	.148	µg/Kg
8/29/2003	BTC-008-004	607892	4749119	8	0401044-03	Cl6-BZ#156	1.73	µg/Kg	.163	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl6-BZ#128	2.35	µg/Kg	.174	µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl7-BZ#187	5.13	µg/Kg	.139	µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl6-BZ#138	17.5	µg/Kg	.249	µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl6-BZ#149	11.0	µg/Kg	.202	µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl6-BZ#151	4.83	µg/Kg	.335	µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl6-BZ#153	12.0	µg/Kg	.287	µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl6-BZ#156	1.17	µg/Kg	.205	µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl6-BZ#157	1.03	µg/Kg	.161	µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl6-BZ#158	.900	µg/Kg	.136	µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl6-BZ#167	.647 J	µg/Kg	.174	µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl6-BZ#169	.559 U	µg/Kg	.559	µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Hexachlorobiphenyls	82.3	µg/Kg	.559	µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl7-BZ#170	2.75 J	µg/Kg	.650	µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl7-BZ#174	1.82	µg/Kg	.133	µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Pentachlorobiphenyls	219.	µg/Kg	.259	µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl7-BZ#183	1.31	µg/Kg	.126	µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl7-BZ#180	4.37	µg/Kg	.278	µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Heptachlorobiphenyls	17.7	µg/Kg	.650	µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl8-BZ#194	1.25 J	µg/Kg	.290	µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl8-BZ#195	.410 J	µg/Kg	.287	µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl8-BZ#201	1.91	µg/Kg	.252	µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Octachlorobiphenyls	7.81	µg/Kg	.290	µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl9-BZ#206	1.70	µg/Kg	.338	µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Nonachlorobiphenyls	7.92	µg/Kg	.338	µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl10-BZ#209	.410 J	µg/Kg	.158	µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Decachlorobiphenyl	.410 J	µg/Kg	.158	µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Total Homologues	823.	µg/Kg	9.28	µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Percent Lipids	1.0	%	0.10	%
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl6-BZ#146	3.35	µg/Kg	.158	µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl7-BZ#177	1.61	µg/Kg	.186	µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl4-BZ#49	29.4	µg/Kg	.344	µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl7-BZ#189	.249 U	µg/Kg	.249	µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl5-BZ#126	.192 U	µg/Kg	.192	µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Dichlorobiphenyls	37.6	µg/Kg	.271	µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl3-BZ#18	6.19	µg/Kg	.603	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]	DETECTION LIMIT[3]
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl3-BZ#31/#28	55.2 J µg/Kg	4.35 µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Trichlorobiphenyls	139. µg/Kg	4.35 µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl4-BZ#44	17.3 µg/Kg	.414 µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl4-BZ#47	38.9 µg/Kg	.701 µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl2-BZ#8	1.61 µg/Kg	.271 µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl4-BZ#52	59.9 µg/Kg	.391 µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl4-BZ#56	6.23 µg/Kg	.205 µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl4-BZ#66	15.5 µg/Kg	.275 µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl4-BZ#70	16.2 µg/Kg	.240 µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl5-BZ#114	.537 J µg/Kg	.111 µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl5-BZ#123	.218 U µg/Kg	.218 µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl4-BZ#45	2.51 J µg/Kg	.552 µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl5-BZ#118	15.6 µg/Kg	.259 µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Monochlorobiphenyls	9.28 U µg/Kg	9.28 µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl5-BZ#110	10.1 µg/Kg	.240 µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl5-BZ#105	5.63 µg/Kg	.123 µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl5-BZ#101	25.2 µg/Kg	.252 µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl5-BZ#99	12.0 µg/Kg	.0884 µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl5-BZ#95	26.3 µg/Kg	.129 µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl5-BZ#87	10.6 µg/Kg	.167 µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Tetrachlorobiphenyls	306. µg/Kg	.701 µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl4-BZ#81	.376 U µg/Kg	.376 µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl4-BZ#77	.379 U µg/Kg	.379 µg/Kg
8/29/2003	BTC-008-005	607892	4749119	8	0401044-04	Cl4-BZ#74	12.4 µg/Kg	.423 µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl5-BZ#114	.425 J µg/Kg	.141 µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl4-BZ#77	.485 U µg/Kg	.485 µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl4-BZ#81	.481 U µg/Kg	.481 µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Tetrachlorobiphenyls	216. µg/Kg	.898 µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl5-BZ#87	6.71 µg/Kg	.214 µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl5-BZ#95	10.7 µg/Kg	.166 µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl5-BZ#99	8.17 µg/Kg	.113 µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl5-BZ#101	15.9 µg/Kg	.324 µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl5-BZ#123	.279 U µg/Kg	.279 µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl5-BZ#110	8.13 µg/Kg	.307 µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl4-BZ#74	7.36 µg/Kg	.542 µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl5-BZ#118	10.5	µg/Kg	.332	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl5-BZ#126	.247 U	µg/Kg	.247	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl5-BZ#105	3.34	µg/Kg	.158	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl4-BZ#44	12.8	µg/Kg	.530	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl6-BZ#138	13.3	µg/Kg	.319	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl6-BZ#128	2.06	µg/Kg	.222	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Monochlorobiphenyls	11.9 U	µg/Kg	11.9	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Dichlorobiphenyls	108.	µg/Kg	.348	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl3-BZ#18	5.42	µg/Kg	.772	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl2-BZ#8	1.64 J	µg/Kg	.348	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Trichlorobiphenyls	96.3	µg/Kg	5.57	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl4-BZ#70	11.8	µg/Kg	.307	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl4-BZ#45	2.28 J	µg/Kg	.708	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl4-BZ#47	22.2	µg/Kg	.898	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl4-BZ#49	19.0	µg/Kg	.441	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl4-BZ#52	34.0	µg/Kg	.501	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl4-BZ#56	5.58	µg/Kg	.263	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl4-BZ#66	11.8	µg/Kg	.352	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl3-BZ#31/#28	29.0 J	µg/Kg	5.57	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl8-BZ#195	.368 U	µg/Kg	.368	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Pentachlorobiphenyls	287.	µg/Kg	.332	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Total Homologues	834.	µg/Kg	11.9	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Decachlorobiphenyl	.586 J	µg/Kg	.202	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl10-BZ#209	.586 J	µg/Kg	.202	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Nonachlorobiphenyls	13.6	µg/Kg	.433	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl9-BZ#206	1.98 J	µg/Kg	.433	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl8-BZ#201	2.24	µg/Kg	.324	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Percent Lipids	1.2	%	0.10	%
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl8-BZ#194	1.38 J	µg/Kg	.372	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Heptachlorobiphenyls	19.6	µg/Kg	.833	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl7-BZ#187	4.57	µg/Kg	.178	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl7-BZ#189	.319 U	µg/Kg	.319	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl7-BZ#183	1.19	µg/Kg	.162	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl6-BZ#157	3.90	µg/Kg	.206	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Octachlorobiphenyls	13.7	µg/Kg	.372	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl6-BZ#146	2.41	µg/Kg	.202	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl7-BZ#180	4.29	µg/Kg	.356	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl6-BZ#151	2.93	µg/Kg	.429	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl6-BZ#156	.910 J	µg/Kg	.263	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl6-BZ#149	7.97	µg/Kg	.259	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl6-BZ#158	.728 J	µg/Kg	.174	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl6-BZ#167	.364 J	µg/Kg	.222	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl6-BZ#169	.716 U	µg/Kg	.716	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Hexachlorobiphenyls	74.3	µg/Kg	.716	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl7-BZ#170	2.55 J	µg/Kg	.833	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl7-BZ#174	1.54	µg/Kg	.170	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl7-BZ#177	1.27	µg/Kg	.239	µg/Kg
8/29/2003	BTC-008-006	607892	4749119	8	0401044-05	Cl6-BZ#153	9.16	µg/Kg	.368	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl4-BZ#81	.252 U	µg/Kg	.252	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl5-BZ#101	.328 J	µg/Kg	.169	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Tetrachlorobiphenyls	9.73	µg/Kg	.470	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl5-BZ#87	.148 J	µg/Kg	.112	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl5-BZ#95	.138 J	µg/Kg	.0868	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl5-BZ#99	.138 J	µg/Kg	.0592	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl5-BZ#105	.0825 U	µg/Kg	.0825	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl5-BZ#110	.233 J	µg/Kg	.161	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl5-BZ#114	.0741 U	µg/Kg	.0741	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl5-BZ#118	.339 J	µg/Kg	.174	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl5-BZ#123	.146 U	µg/Kg	.146	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Pentachlorobiphenyls	12.7	µg/Kg	.174	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl4-BZ#77	.254 U	µg/Kg	.254	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl5-BZ#126	.129 U	µg/Kg	.129	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl4-BZ#45	.370 U	µg/Kg	.370	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl7-BZ#180	.254 J	µg/Kg	.186	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl2-BZ#8	.182 U	µg/Kg	.182	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl6-BZ#128	.159 J	µg/Kg	.116	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl3-BZ#18	.920 J	µg/Kg	.404	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl3-BZ#31/#28	19.1	µg/Kg	2.91	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Dichlorobiphenyls	.182 U	µg/Kg	.182	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl4-BZ#44	.277 U	µg/Kg	.277	µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl4-BZ#74	.284 U	µg/Kg	.284	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl4-BZ#47	.470 U	µg/Kg	.470	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl4-BZ#49	.254 J	µg/Kg	.231	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl4-BZ#52	.296 J	µg/Kg	.262	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl4-BZ#56	.138 U	µg/Kg	.138	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl4-BZ#66	.184 U	µg/Kg	.184	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl4-BZ#70	.161 U	µg/Kg	.161	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Trichlorobiphenyls	3.80	µg/Kg	2.91	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Monochlorobiphenyls	6.22 U	µg/Kg	6.22	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Percent Lipids	.62	%	0.10	%
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Total Homologues	33.1	µg/Kg	6.22	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Decachlorobiphenyl	.106 U	µg/Kg	.106	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl10-BZ#209	.106 U	µg/Kg	.106	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Nonachlorobiphenyls	.226 U	µg/Kg	.226	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl9-BZ#206	.226 U	µg/Kg	.226	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Octachlorobiphenyls	1.64	µg/Kg	.195	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl8-BZ#201	.169 U	µg/Kg	.169	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl8-BZ#195	.193 U	µg/Kg	.193	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl8-BZ#194	.195 U	µg/Kg	.195	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Heptachlorobiphenyls	1.03	µg/Kg	.436	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl7-BZ#187	.116 J	µg/Kg	.0931	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl7-BZ#174	.0889 U	µg/Kg	.0889	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl7-BZ#183	.0846 U	µg/Kg	.0846	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl7-BZ#177	.125 U	µg/Kg	.125	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl7-BZ#170	.436 U	µg/Kg	.436	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Hexachlorobiphenyls	4.20	µg/Kg	.375	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl6-BZ#169	.375 U	µg/Kg	.375	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl6-BZ#167	.116 U	µg/Kg	.116	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl6-BZ#158	.0910 U	µg/Kg	.0910	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl6-BZ#157	.328 J	µg/Kg	.108	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl6-BZ#156	.138 U	µg/Kg	.138	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl6-BZ#153	.254 J	µg/Kg	.193	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl6-BZ#151	.224 U	µg/Kg	.224	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl6-BZ#149	.222 J	µg/Kg	.135	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl6-BZ#146	.106 U	µg/Kg	.106	µg/Kg

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Tadpole Data Table
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SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl6-BZ#138	.296 J	µg/Kg	.167	µg/Kg
9/4/2003	BTC-009-001	590932	4718536	9	0312035-18	Cl7-BZ#189	.167 U	µg/Kg	.167	µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl6-BZ#138	.303 J	µg/Kg	.160	µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Heptachlorobiphenyls	.626	µg/Kg	.416	µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl6-BZ#149	.212 J	µg/Kg	.129	µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl6-BZ#151	.214 U	µg/Kg	.214	µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl6-BZ#153	.293 J	µg/Kg	.184	µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl6-BZ#156	.131 U	µg/Kg	.131	µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl6-BZ#157	.354 J	µg/Kg	.103	µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl6-BZ#158	.0869 U	µg/Kg	.0869	µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl6-BZ#167	.111 U	µg/Kg	.111	µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl6-BZ#169	.358 U	µg/Kg	.358	µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Hexachlorobiphenyls	4.50	µg/Kg	.358	µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl7-BZ#170	.416 U	µg/Kg	.416	µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl7-BZ#174	.0848 U	µg/Kg	.0848	µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl7-BZ#177	.119 U	µg/Kg	.119	µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl6-BZ#146	.101 U	µg/Kg	.101	µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl7-BZ#187	.141 J	µg/Kg	.0889	µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl7-BZ#180	.283 J	µg/Kg	.178	µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl8-BZ#194	.186 U	µg/Kg	.186	µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl8-BZ#195	.184 U	µg/Kg	.184	µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl8-BZ#201	.162 U	µg/Kg	.162	µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Octachlorobiphenyls	1.72	µg/Kg	.186	µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl9-BZ#206	.216 U	µg/Kg	.216	µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Nonachlorobiphenyls	.216 U	µg/Kg	.216	µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl10-BZ#209	.101 U	µg/Kg	.101	µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Decachlorobiphenyl	.101 U	µg/Kg	.101	µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Total Homologues	27.4	µg/Kg	5.94	µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Percent Lipids	1.2	%	0.10	%
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Pentachlorobiphenyls	8.70	µg/Kg	.166	µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Monochlorobiphenyls	5.94 U	µg/Kg	5.94	µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl7-BZ#183	.0808 U	µg/Kg	.0808	µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl4-BZ#44	.265 U	µg/Kg	.265	µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl4-BZ#70	.154 U	µg/Kg	.154	µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl4-BZ#66	.176 U	µg/Kg	.176	µg/Kg

[1]BZ# = PCB congener Ballschmiter & Zell number
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[3]PCB results & detection limit reported on wet weight basis

Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]	DETECTION LIMIT[3]
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl4-BZ#56	.131 U µg/Kg	.131 µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl4-BZ#52	.303 J µg/Kg	.250 µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl4-BZ#49	.220 U µg/Kg	.220 µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl4-BZ#74	.271 U µg/Kg	.271 µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl4-BZ#45	.354 U µg/Kg	.354 µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Dichlorobiphenyls	.174 U µg/Kg	.174 µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Trichlorobiphenyls	6.87 µg/Kg	2.78 µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl3-BZ#31/#28	35.9 µg/Kg	2.78 µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl3-BZ#18	2.39 µg/Kg	.386 µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl6-BZ#128	.111 U µg/Kg	.111 µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl2-BZ#8	.174 U µg/Kg	.174 µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl7-BZ#189	.160 U µg/Kg	.160 µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl4-BZ#47	.449 U µg/Kg	.449 µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl5-BZ#118	.283 J µg/Kg	.166 µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl5-BZ#123	.139 U µg/Kg	.139 µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl5-BZ#114	.0707 U µg/Kg	.0707 µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl5-BZ#110	.154 U µg/Kg	.154 µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl5-BZ#105	.0788 U µg/Kg	.0788 µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl5-BZ#101	.273 J µg/Kg	.162 µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl5-BZ#99	.111 J µg/Kg	.0566 µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl5-BZ#87	.131 J µg/Kg	.107 µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Tetrachlorobiphenyls	5.04 µg/Kg	.449 µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl4-BZ#81	.240 U µg/Kg	.240 µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl4-BZ#77	.242 U µg/Kg	.242 µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl5-BZ#95	.111 J µg/Kg	.0828 µg/Kg
9/4/2003	BTC-009-002	590932	4718536	9	0312035-19	Cl5-BZ#126	.123 U µg/Kg	.123 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl6-BZ#151	.240 U µg/Kg	.240 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl7-BZ#174	.0953 U µg/Kg	.0953 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl7-BZ#170	.467 U µg/Kg	.467 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Hexachlorobiphenyls	3.10 µg/Kg	.401 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl6-BZ#169	.401 U µg/Kg	.401 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl6-BZ#167	.125 U µg/Kg	.125 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl6-BZ#158	.0975 U µg/Kg	.0975 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl6-BZ#157	.116 U µg/Kg	.116 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl6-BZ#153	.329 J µg/Kg	.206 µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]	DETECTION LIMIT[3]
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl6-BZ#149	.363 J µg/Kg	.145 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl7-BZ#177	.134 U µg/Kg	.134 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl8-BZ#201	.181 U µg/Kg	.181 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl6-BZ#146	.113 U µg/Kg	.113 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl6-BZ#156	.147 U µg/Kg	.147 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl7-BZ#180	.200 U µg/Kg	.200 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl7-BZ#183	.0907 U µg/Kg	.0907 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl7-BZ#189	.179 U µg/Kg	.179 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl7-BZ#187	.0998 U µg/Kg	.0998 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Heptachlorobiphenyls	.467 U µg/Kg	.467 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Total Homologues	14.8 µg/Kg	6.67 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl8-BZ#195	.206 U µg/Kg	.206 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl6-BZ#138	.533 J µg/Kg	.179 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Octachlorobiphenyls	.209 U µg/Kg	.209 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl9-BZ#206	.243 U µg/Kg	.243 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Nonachlorobiphenyls	.243 U µg/Kg	.243 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl10-BZ#209	.113 U µg/Kg	.113 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Decachlorobiphenyl	.113 U µg/Kg	.113 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl4-BZ#74	.304 U µg/Kg	.304 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl8-BZ#194	.209 U µg/Kg	.209 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Trichlorobiphenyls	1.70 J µg/Kg	3.12 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl4-BZ#66	.197 U µg/Kg	.197 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl4-BZ#56	.147 U µg/Kg	.147 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl4-BZ#52	.281 U µg/Kg	.281 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl4-BZ#49	.247 U µg/Kg	.247 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl4-BZ#47	.503 U µg/Kg	.503 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl4-BZ#70	.172 U µg/Kg	.172 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl4-BZ#44	.297 U µg/Kg	.297 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl2-BZ#8	.195 U µg/Kg	.195 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl3-BZ#31/#28	8.35 J µg/Kg	3.12 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl3-BZ#18	.433 U µg/Kg	.433 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Dichlorobiphenyls	.195 U µg/Kg	.195 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl6-BZ#128	.125 J µg/Kg	.125 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Monochlorobiphenyls	6.67 U µg/Kg	6.67 µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl4-BZ#81	.270 U µg/Kg	.270 µg/Kg

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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl4-BZ#45	.397 U	µg/Kg	.397	µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl5-BZ#126	.138 U	µg/Kg	.138	µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Percent Lipids	.78	%	0.10	%
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Pentachlorobiphenyls	8.13	µg/Kg	.186	µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl5-BZ#123	.156 U	µg/Kg	.156	µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl5-BZ#118	.499 J	µg/Kg	.186	µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl5-BZ#114	.0794 U	µg/Kg	.0794	µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl5-BZ#110	.499 J	µg/Kg	.172	µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl5-BZ#105	.170 J	µg/Kg	.0885	µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl5-BZ#99	.170 J	µg/Kg	.0635	µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl5-BZ#95	.352 J	µg/Kg	.0930	µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl5-BZ#87	.250 J	µg/Kg	.120	µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Tetrachlorobiphenyls	1.84	µg/Kg	.503	µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl5-BZ#101	.544 J	µg/Kg	.181	µg/Kg
9/4/2003	BTC-009-003	590932	4718536	9	0401044-06	Cl4-BZ#77	.272 U	µg/Kg	.272	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl6-BZ#153	.163 U	µg/Kg	.163	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl7-BZ#174	.0754 U	µg/Kg	.0754	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl7-BZ#170	.370 U	µg/Kg	.370	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Hexachlorobiphenyls	2.50	µg/Kg	.318	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl6-BZ#169	.318 U	µg/Kg	.318	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl6-BZ#167	.0987 U	µg/Kg	.0987	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl6-BZ#158	.0772 U	µg/Kg	.0772	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl6-BZ#149	.135 J	µg/Kg	.115	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl6-BZ#156	.117 U	µg/Kg	.117	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl6-BZ#151	.190 U	µg/Kg	.190	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl7-BZ#177	.106 U	µg/Kg	.106	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl6-BZ#146	.0898 U	µg/Kg	.0898	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Octachlorobiphenyls	.165 U	µg/Kg	.165	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl6-BZ#157	.0916 U	µg/Kg	.0916	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl7-BZ#180	.158 U	µg/Kg	.158	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl7-BZ#183	.0718 U	µg/Kg	.0718	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl7-BZ#189	.142 U	µg/Kg	.142	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl7-BZ#187	.0790 U	µg/Kg	.0790	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Heptachlorobiphenyls	.370 U	µg/Kg	.370	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl8-BZ#194	.165 U	µg/Kg	.165	µg/Kg

[1]BZ# = PCB congener Ballschmiter & Zell number
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Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Total Homologues	27.6	µg/Kg	5.28	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl8-BZ#201	.144 U	µg/Kg	.144	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl9-BZ#206	.192 U	µg/Kg	.192	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Nonachlorobiphenyls	.192 U	µg/Kg	.192	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl10-BZ#209	.0898 U	µg/Kg	.0898	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Decachlorobiphenyl	.0898 U	µg/Kg	.0898	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Percent Lipids	.58	%	0.10	%
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl6-BZ#138	.224 J	µg/Kg	.142	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl8-BZ#195	.163 U	µg/Kg	.163	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl4-BZ#49	.196 U	µg/Kg	.196	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl2-BZ#8	.154 U	µg/Kg	.154	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Dichlorobiphenyls	.154 U	µg/Kg	.154	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl3-BZ#18	.343 U	µg/Kg	.343	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl3-BZ#31/#28	5.23 J	µg/Kg	2.47	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Trichlorobiphenyls	5.23 J	µg/Kg	2.47	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl4-BZ#44	.235 U	µg/Kg	.235	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl6-BZ#128	.0987 U	µg/Kg	.0987	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl4-BZ#47	.398 U	µg/Kg	.398	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Monochlorobiphenyls	5.28 U	µg/Kg	5.28	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl4-BZ#52	.223 U	µg/Kg	.223	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl4-BZ#56	.117 U	µg/Kg	.117	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl4-BZ#66	.156 U	µg/Kg	.156	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl4-BZ#70	.136 U	µg/Kg	.136	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl4-BZ#74	.241 U	µg/Kg	.241	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl5-BZ#114	.0628 U	µg/Kg	.0628	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Pentachlorobiphenyls	13.5	µg/Kg	.147	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl4-BZ#45	.314 U	µg/Kg	.314	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl4-BZ#77	.215 U	µg/Kg	.215	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl5-BZ#126	.109 U	µg/Kg	.109	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl5-BZ#118	.189 J	µg/Kg	.147	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl5-BZ#110	.170 J	µg/Kg	.136	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl5-BZ#105	.0700 U	µg/Kg	.0700	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl5-BZ#101	.269 J	µg/Kg	.144	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl5-BZ#99	.0503 U	µg/Kg	.0503	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl5-BZ#95	.162 J	µg/Kg	.0736	µg/Kg

[1]BZ# = PCB congener Ballschmiter & Zell number
[2]U = Non-detected result at the detection limit
J/UJ = Estimated result or detection limit
[3]PCB results & detection limit reported on wet weight basis

Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]			DETECTION LIMIT[3]	
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl5-BZ#87	.0951	U	µg/Kg	.0951	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Tetrachlorobiphenyls	9.82		µg/Kg	.398	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl4-BZ#81	.214	U	µg/Kg	.214	µg/Kg
9/4/2003	BTC-009-004	590932	4718536	9	0401044-07	Cl5-BZ#123	.124	U	µg/Kg	.124	µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl6-BZ#146	.284	J	µg/Kg	.157	µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl6-BZ#169	.558	U	µg/Kg	.558	µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl7-BZ#177	.186	U	µg/Kg	.186	µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl7-BZ#174	.157	J	µg/Kg	.132	µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl7-BZ#170	.649	U	µg/Kg	.649	µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Hexachlorobiphenyls	15.7		µg/Kg	.558	µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl6-BZ#167	.173	U	µg/Kg	.173	µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl6-BZ#158	.205	J	µg/Kg	.135	µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl6-BZ#157	.161	U	µg/Kg	.161	µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl6-BZ#156	.252	J	µg/Kg	.205	µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl6-BZ#153	1.51		µg/Kg	.287	µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl6-BZ#149	1.91		µg/Kg	.202	µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl6-BZ#151	.334	U	µg/Kg	.334	µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl8-BZ#201	.252	U	µg/Kg	.252	µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl4-BZ#70	1.13	J	µg/Kg	.240	µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Total Homologues	97.4		µg/Kg	9.26	µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl6-BZ#138	2.63		µg/Kg	.249	µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl10-BZ#209	.157	U	µg/Kg	.157	µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Nonachlorobiphenyls	.337	U	µg/Kg	.337	µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Decachlorobiphenyl	.157	U	µg/Kg	.157	µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Octachlorobiphenyls	2.05		µg/Kg	.290	µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl7-BZ#180	.315	J	µg/Kg	.277	µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl8-BZ#195	.287	U	µg/Kg	.287	µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl8-BZ#194	.290	U	µg/Kg	.290	µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Heptachlorobiphenyls	3.95		µg/Kg	.649	µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl7-BZ#187	.205	J	µg/Kg	.139	µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl7-BZ#189	.249	U	µg/Kg	.249	µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl7-BZ#183	.126	U	µg/Kg	.126	µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl9-BZ#206	.337	U	µg/Kg	.337	µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl4-BZ#74	.422	U	µg/Kg	.422	µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Percent Lipids	.89		%	0.10	%

[1]BZ# = PCB congener Ballschmiter & Zell number
[2]U = Non-detected result at the detection limit
J/UJ = Estimated result or detection limit
[3]PCB results & detection limit reported on wet weight basis

Tadpole Data Table
Bullfrog (Rana catesbeiana) Tadpole Composites

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]	DETECTION LIMIT[3]
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Monochlorobiphenyls	9.26 U µg/Kg	9.26 µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl2-BZ#8	.271 U µg/Kg	.271 µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Dichlorobiphenyls	.271 U µg/Kg	.271 µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl3-BZ#18	.602 U µg/Kg	.602 µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl3-BZ#31/#28	4.34 UJ µg/Kg	4.34 µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Trichlorobiphenyls	4.34 U µg/Kg	.434 µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl4-BZ#44	.599 J µg/Kg	.413 µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl4-BZ#45	.551 U µg/Kg	.551 µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl4-BZ#47	.700 U µg/Kg	.700 µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl4-BZ#49	.343 U µg/Kg	.343 µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl4-BZ#52	.740 J µg/Kg	.391 µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl4-BZ#77	.378 U µg/Kg	.378 µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl4-BZ#66	.678 J µg/Kg	.274 µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl6-BZ#128	.599 J µg/Kg	.173 µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl4-BZ#81	.375 U µg/Kg	.375 µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Tetrachlorobiphenyls	19.4 µg/Kg	.700 µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl5-BZ#87	1.61 µg/Kg	.167 µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl5-BZ#95	1.67 µg/Kg	.129 µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl5-BZ#99	1.06 µg/Kg	.0882 µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl5-BZ#101	3.37 µg/Kg	.252 µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl5-BZ#105	.835 µg/Kg	.123 µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl5-BZ#110	2.82 µg/Kg	.240 µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl5-BZ#114	.110 U µg/Kg	.110 µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl5-BZ#118	2.46 µg/Kg	.258 µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl5-BZ#123	.217 U µg/Kg	.217 µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl5-BZ#126	.192 U µg/Kg	.192 µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Pentachlorobiphenyls	55.4 µg/Kg	.258 µg/Kg
9/4/2003	BTC-009-005	590932	4718536	9	0401044-08	Cl4-BZ#56	.205 U µg/Kg	.205 µg/Kg

[1]BZ# = PCB congener Ballschmiter & Zell number
[2]U = Non-detected result at the detection limit
J/UJ = Estimated result or detection limit
[3]PCB results & detection limit reported on wet weight basis

Appendix D

Sediment Data Sheets.

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]	DETECTION LIMIT[3]
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl2-BZ#8	8.26 J µg/Kg	2.20 µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl3-BZ#18	1.57 U µg/Kg	1.57 µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl3-BZ#31/#28	21.5 µg/Kg	.743 µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl4-BZ#44	8.15 µg/Kg	.950 µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl4-BZ#45	2.31 µg/Kg	.372 µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl4-BZ#47	10.9 µg/Kg	.606 µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl4-BZ#49	9.58 µg/Kg	1.06 µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl4-BZ#52	16.4 µg/Kg	.385 µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl4-BZ#56	7.71 J µg/Kg	1.69 µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl4-BZ#66	18.8 µg/Kg	.606 µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl4-BZ#70	18.9 µg/Kg	1.38 µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl4-BZ#74	8.26 µg/Kg	.385 µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl4-BZ#77	4.90 NJ µg/Kg	.743 µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl4-BZ#81	.798 U µg/Kg	.798 µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl5-BZ#87	6.66 J µg/Kg	.468 µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl5-BZ#95	6.50 µg/Kg	.179 µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl5-BZ#99	8.48 µg/Kg	.262 µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl5-BZ#101	12.6 µg/Kg	.317 µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl5-BZ#105	10.1 µg/Kg	.468 µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl5-BZ#110	13.7 µg/Kg	.317 µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl5-BZ#114	.138 U µg/Kg	.138 µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl5-BZ#118	24.4 J µg/Kg	.840 µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl5-BZ#123	.468 U µg/Kg	.468 µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl5-BZ#126	.358 U µg/Kg	.358 µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl6-BZ#128	3.80 J µg/Kg	1.24 µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl6-BZ#138	15.7 J µg/Kg	.661 µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl6-BZ#146	2.86 µg/Kg	.275 µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl6-BZ#149	5.18 µg/Kg	.440 µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl6-BZ#151	4.68 µg/Kg	.537 µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl6-BZ#153	11.3 µg/Kg	.798 µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl6-BZ#156	2.42 J µg/Kg	.991 µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl6-BZ#157	.964 U µg/Kg	.964 µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl6-BZ#158	1.16 J µg/Kg	.262 µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl6-BZ#167	.881 J µg/Kg	.344 µg/Kg

[1]BZ# = PCB congener Ballschmiter & Zell number

[2]U = Non-detected result at the detection limit

J/UJ = Estimated result or detection limit

[3]PCB results & detection limit reported on dry weight basis

Sediment Data Table

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl6-BZ#169	1.02 U	µg/Kg	1.02	µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl7-BZ#170	3.14 J	µg/Kg	.495	µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl7-BZ#174	1.49 J	µg/Kg	.330	µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl7-BZ#177	1.49	µg/Kg	.220	µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl7-BZ#180	2.04 J	µg/Kg	.454	µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl7-BZ#183	.771 J	µg/Kg	.440	µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl7-BZ#189	.523 U	µg/Kg	.523	µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl7-BZ#187	2.04 J	µg/Kg	.454	µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl8-BZ#194	.495 U	µg/Kg	.495	µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl8-BZ#195	.495 U	µg/Kg	.495	µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl8-BZ#201	.592 U	µg/Kg	.592	µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl9-BZ#206	.757 U	µg/Kg	.757	µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Cl10-BZ#209	.206 U	µg/Kg	.206	µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Monochlorobiphenyls	106.	µg/Kg	.358	µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Dichlorobiphenyls	97.2	µg/Kg	2.20	µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Trichlorobiphenyls	21.2	µg/Kg	1.57	µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Tetrachlorobiphenyls	296.	µg/Kg	1.06	µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Pentachlorobiphenyls	215.	µg/Kg	.840	µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Hexachlorobiphenyls	76.0	µg/Kg	1.02	µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Heptachlorobiphenyls	22.6	µg/Kg	.523	µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Octachlorobiphenyls	.592 U	µg/Kg	.592	µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Nonachlorobiphenyls	.757 U	µg/Kg	.757	µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Decachlorobiphenyl	.206 U	µg/Kg	.206	µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Total Homologues	834.	µg/Kg	2.20	µg/Kg
8/19/2003	SED-001	614708	4782936	1	0312034-02	Percent Moisture	91	%	.1	%
8/19/2003	SED-001	614708	4782936	1	0312034-02	Total Organic Carbon	16	%	.010	%
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl2-BZ#8	412.	µg/Kg	.691	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl3-BZ#18	160.	µg/Kg	.247	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl3-BZ#31/#28	758.	µg/Kg	.117	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl4-BZ#44	89.9	µg/Kg	.149	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl4-BZ#45	28.6	µg/Kg	.0584	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl4-BZ#47	142.	µg/Kg	.0951	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl4-BZ#49	129.	µg/Kg	.167	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl4-BZ#52	235.	µg/Kg	.0605	µg/Kg

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[3]PCB results & detection limit reported on dry weight basis

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl4-BZ#56	86.8	µg/Kg	.266	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl4-BZ#66	121.	µg/Kg	.0951	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl4-BZ#70	130.	µg/Kg	.216	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl4-BZ#74	83.2	µg/Kg	.0605	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl4-BZ#77	34.1 NJ	µg/Kg	.117	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl4-BZ#81	.125 U	µg/Kg	.125	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl5-BZ#87	34.0 J	µg/Kg	.0735	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl5-BZ#95	55.9	µg/Kg	.0281	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl5-BZ#99	32.3	µg/Kg	.0411	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl5-BZ#101	64.9	µg/Kg	.0497	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl5-BZ#105	27.2	µg/Kg	.0735	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl5-BZ#110	66.4	µg/Kg	.0497	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl5-BZ#114	3.31	µg/Kg	.0216	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl5-BZ#118	64.6 J	µg/Kg	.132	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl5-BZ#123	.0735 U	µg/Kg	.0735	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl5-BZ#126	.0562 U	µg/Kg	.0562	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl6-BZ#128	4.78	µg/Kg	.195	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl6-BZ#138	33.2 J	µg/Kg	.104	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl6-BZ#146	5.79	µg/Kg	.0432	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl6-BZ#149	18.4	µg/Kg	.0692	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl6-BZ#151	10.3	µg/Kg	.0843	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl6-BZ#153	19.6	µg/Kg	.125	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl6-BZ#156	5.08 J	µg/Kg	.156	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl6-BZ#157	1.09	µg/Kg	.151	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl6-BZ#158	2.70	µg/Kg	.0411	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl6-BZ#167	1.83 J	µg/Kg	.0541	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl6-BZ#169	.160 U	µg/Kg	.160	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl7-BZ#170	5.88 J	µg/Kg	.0778	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl7-BZ#174	3.53	µg/Kg	.0519	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl7-BZ#177	3.11	µg/Kg	.0346	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl7-BZ#180	8.01	µg/Kg	.0713	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl7-BZ#183	2.01	µg/Kg	.0692	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl7-BZ#189	.0822 U	µg/Kg	.0822	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl7-BZ#187	7.70	µg/Kg	.0713	µg/Kg

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SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl8-BZ#194	2.37	µg/Kg	.0778	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl8-BZ#195	.735	µg/Kg	.0778	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl8-BZ#201	3.33	µg/Kg	.0930	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl9-BZ#206	2.40	µg/Kg	.119	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Cl10-BZ#209	.640	µg/Kg	.0324	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Monochlorobiphenyls	854.	µg/Kg	.0562	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Dichlorobiphenyls	2050.	µg/Kg	.346	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Trichlorobiphenyls	2410.	µg/Kg	.247	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Tetrachlorobiphenyls	1720.	µg/Kg	.266	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Pentachlorobiphenyls	649.	µg/Kg	.132	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Hexachlorobiphenyls	152.	µg/Kg	.160	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Heptachlorobiphenyls	31.0	µg/Kg	.0822	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Octachlorobiphenyls	10.3	µg/Kg	.0930	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Nonachlorobiphenyls	7.31	µg/Kg	.119	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Decachlorobiphenyl	.640	µg/Kg	.0324	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Total Homologues	7880.	µg/Kg	.346	µg/Kg
8/19/2003	SED-002	615054	4784338	2	0312034-01	Percent Moisture	43	%	.1	%
8/19/2003	SED-002	615054	4784338	2	0312034-01	Total Organic Carbon	2.1	%	.010	%
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl2-BZ#8	240.	µg/Kg	.571	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl3-BZ#18	153.	µg/Kg	.407	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl3-BZ#31/#28	654.	µg/Kg	.193	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl4-BZ#44	64.7	µg/Kg	.246	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl4-BZ#45	36.1	µg/Kg	.0964	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl4-BZ#47	191.	µg/Kg	.157	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl4-BZ#49	220.	µg/Kg	.275	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl4-BZ#52	298.	µg/Kg	.100	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl4-BZ#56	40.0	µg/Kg	.439	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl4-BZ#66	71.9	µg/Kg	.157	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl4-BZ#70	67.0	µg/Kg	.357	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl4-BZ#74	55.7	µg/Kg	.100	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl4-BZ#77	24.5 NJ	µg/Kg	.193	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl4-BZ#81	.207 U	µg/Kg	.207	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl5-BZ#87	21.8 J	µg/Kg	.121	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl5-BZ#95	67.5	µg/Kg	.0464	µg/Kg

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SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl5-BZ#99	31.7	µg/Kg	.0678	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl5-BZ#101	64.9	µg/Kg	.0821	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl5-BZ#105	14.1	µg/Kg	.121	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl5-BZ#110	58.5	µg/Kg	.0821	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl5-BZ#114	.943	µg/Kg	.0357	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl5-BZ#118	39.9 J	µg/Kg	.218	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl5-BZ#123	.121 U	µg/Kg	.121	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl5-BZ#126	.0928 U	µg/Kg	.0928	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl6-BZ#128	5.23	µg/Kg	.321	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl6-BZ#138	32.6 J	µg/Kg	.171	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl6-BZ#146	5.60	µg/Kg	.0714	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl6-BZ#149	22.9	µg/Kg	.114	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl6-BZ#151	9.30	µg/Kg	.139	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl6-BZ#153	19.2	µg/Kg	.207	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl6-BZ#156	2.66 J	µg/Kg	.257	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl6-BZ#157	.543 J	µg/Kg	.250	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl6-BZ#158	1.38	µg/Kg	.0678	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl6-BZ#167	1.53 J	µg/Kg	.0893	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl6-BZ#169	.264 U	µg/Kg	.264	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl7-BZ#170	5.66 J	µg/Kg	.128	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl7-BZ#174	3.40	µg/Kg	.0857	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl7-BZ#177	2.93	µg/Kg	.0571	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl7-BZ#180	5.38	µg/Kg	.118	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl7-BZ#183	1.73	µg/Kg	.114	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl7-BZ#189	.136 U	µg/Kg	.136	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl7-BZ#187	7.08	µg/Kg	.118	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl8-BZ#194	1.94	µg/Kg	.128	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl8-BZ#195	.728	µg/Kg	.128	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl8-BZ#201	2.36	µg/Kg	.154	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl9-BZ#206	1.68	µg/Kg	.196	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Cl10-BZ#209	.371	µg/Kg	.0536	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Monochlorobiphenyls	153.	µg/Kg	.0928	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Dichlorobiphenyls	869.	µg/Kg	.571	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Trichlorobiphenyls	3270.	µg/Kg	.407	µg/Kg

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SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/21/2003	SED-003	615436	4778442	3	0312034-03	Tetrachlorobiphenyls	1850.	µg/Kg	.439	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Pentachlorobiphenyls	549.	µg/Kg	.218	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Hexachlorobiphenyls	148.	µg/Kg	.264	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Heptachlorobiphenyls	26.6	µg/Kg	.136	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Octachlorobiphenyls	12.3	µg/Kg	.154	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Nonachlorobiphenyls	6.74	µg/Kg	.196	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Decachlorobiphenyl	.371	µg/Kg	.0536	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Total Homologues	6880.	µg/Kg	.571	µg/Kg
8/21/2003	SED-003	615436	4778442	3	0312034-03	Percent Moisture	66	%	.1	%
8/21/2003	SED-003	615436	4778442	3	0312034-03	Total Organic Carbon	4.7	%	.010	%
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl2-BZ#8	3230.	µg/Kg	11.2	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl3-BZ#18	1110.	µg/Kg	7.96	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl3-BZ#31/#28	4260.	µg/Kg	3.77	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl4-BZ#44	448.	µg/Kg	4.82	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl4-BZ#45	318.	µg/Kg	1.88	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl4-BZ#47	1020.	µg/Kg	3.07	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl4-BZ#49	1130.	µg/Kg	5.38	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl4-BZ#52	2020.	µg/Kg	1.96	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl4-BZ#56	417.	µg/Kg	.277	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl4-BZ#66	462.	µg/Kg	3.07	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl4-BZ#70	547.	µg/Kg	6.98	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl4-BZ#74	329.	µg/Kg	1.96	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl4-BZ#77	218. NJ	µg/Kg	.122	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl4-BZ#81	.131 U	µg/Kg	.131	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl5-BZ#87	190. J	µg/Kg	.0766	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl5-BZ#95	441.	µg/Kg	.908	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl5-BZ#99	190.	µg/Kg	.0428	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl5-BZ#101	345.	µg/Kg	1.61	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl5-BZ#105	93.8	µg/Kg	.0766	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl5-BZ#110	384.	µg/Kg	1.61	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl5-BZ#114	13.3	µg/Kg	.0225	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl5-BZ#118	315. J	µg/Kg	.137	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl5-BZ#123	.0766 U	µg/Kg	.0766	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl5-BZ#126	.0586 U	µg/Kg	.0586	µg/Kg

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[3]PCB results & detection limit reported on dry weight basis

SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl6-BZ#128	24.6	µg/Kg	.203	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl6-BZ#138	224. J	µg/Kg	.108	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl6-BZ#146	58.4	µg/Kg	.0450	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl6-BZ#149	127.	µg/Kg	.0721	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl6-BZ#151	117.	µg/Kg	.0878	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl6-BZ#153	138.	µg/Kg	.131	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl6-BZ#156	16.0 J	µg/Kg	.162	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl6-BZ#157	3.36	µg/Kg	.158	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl6-BZ#158	8.41	µg/Kg	.0428	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl6-BZ#167	5.80 J	µg/Kg	.0563	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl6-BZ#169	.167 U	µg/Kg	.167	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl7-BZ#170	29.9 J	µg/Kg	.0811	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl7-BZ#174	23.0	µg/Kg	.0541	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl7-BZ#177	26.8	µg/Kg	.0360	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl7-BZ#180	44.6	µg/Kg	.0743	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl7-BZ#183	10.6	µg/Kg	.0721	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl7-BZ#189	1.59 J	µg/Kg	.0856	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl7-BZ#187	56.2	µg/Kg	.0743	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl8-BZ#194	13.2	µg/Kg	.0811	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl8-BZ#195	4.26	µg/Kg	.0811	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl8-BZ#201	22.8	µg/Kg	.0968	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl9-BZ#206	10.5	µg/Kg	.124	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Cl10-BZ#209	2.28	µg/Kg	.0338	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Monochlorobiphenyls	4990.	µg/Kg	1.82	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Dichlorobiphenyls	14500.	µg/Kg	11.2	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Trichlorobiphenyls	13200.	µg/Kg	3.14	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Tetrachlorobiphenyls	11500.	µg/Kg	5.10	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Pentachlorobiphenyls	4630.	µg/Kg	.137	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Hexachlorobiphenyls	1090.	µg/Kg	.167	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Heptachlorobiphenyls	187.	µg/Kg	.0856	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Octachlorobiphenyls	60.5	µg/Kg	.0968	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Nonachlorobiphenyls	22.0	µg/Kg	.124	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Decachlorobiphenyl	2.28	µg/Kg	.0338	µg/Kg
8/21/2003	SED-004	615566	4778820	4	0312034-04	Total Homologues	48900.	µg/Kg	3.49	µg/Kg

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SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]			DETECTION LIMIT[3]	
8/21/2003	SED-004	615566	4778820	4	0312034-04	Percent Moisture	45		%	.1	%
8/21/2003	SED-004	615566	4778820	4	0312034-04	Total Organic Carbon	3.0		%	.010	%
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl2-BZ#8	173.		µg/Kg	.382	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl3-BZ#18	90.3		µg/Kg	.272	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl3-BZ#31/#28	534.		µg/Kg	.129	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl4-BZ#44	55.8		µg/Kg	.165	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl4-BZ#45	11.7		µg/Kg	.0645	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl4-BZ#47	79.5		µg/Kg	.105	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl4-BZ#49	87.5		µg/Kg	.184	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl4-BZ#52	120.		µg/Kg	.0669	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl4-BZ#56	46.8		µg/Kg	.294	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl4-BZ#66	77.9		µg/Kg	.105	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl4-BZ#70	71.2		µg/Kg	.239	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl4-BZ#74	44.4		µg/Kg	.0669	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl4-BZ#77	10.2	NJ	µg/Kg	.129	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl4-BZ#81	.139	U	µg/Kg	.139	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl5-BZ#87	10.1	J	µg/Kg	.0812	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl5-BZ#95	14.8		µg/Kg	.0311	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl5-BZ#99	10.8		µg/Kg	.0454	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl5-BZ#101	20.3		µg/Kg	.0549	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl5-BZ#105	8.55		µg/Kg	.0812	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl5-BZ#110	24.2		µg/Kg	.0549	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl5-BZ#114	.0239	U	µg/Kg	.0239	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl5-BZ#118	21.2	J	µg/Kg	.146	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl5-BZ#123	.0812	U	µg/Kg	.0812	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl5-BZ#126	.0621	U	µg/Kg	.0621	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl6-BZ#128	1.04	J	µg/Kg	.215	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl6-BZ#138	7.42	J	µg/Kg	.115	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl6-BZ#146	.946		µg/Kg	.0478	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl6-BZ#149	3.67		µg/Kg	.0764	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl6-BZ#151	1.95		µg/Kg	.0932	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl6-BZ#153	4.72		µg/Kg	.139	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl6-BZ#156	2.68	J	µg/Kg	.172	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl6-BZ#157	.201	J	µg/Kg	.167	µg/Kg

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SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl6-BZ#158	.401	µg/Kg	.0454	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl6-BZ#167	.344 J	µg/Kg	.0597	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl6-BZ#169	.177 U	µg/Kg	.177	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl7-BZ#170	1.18 J	µg/Kg	.0860	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl7-BZ#174	.421	µg/Kg	.0573	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl7-BZ#177	.325	µg/Kg	.0382	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl7-BZ#180	.745	µg/Kg	.0788	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl7-BZ#183	.191 J	µg/Kg	.0764	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl7-BZ#189	.0908 U	µg/Kg	.0908	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl7-BZ#187	1.00	µg/Kg	.0788	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl8-BZ#194	.0860 U	µg/Kg	.0860	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl8-BZ#195	.0860 U	µg/Kg	.0860	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl8-BZ#201	.344 J	µg/Kg	.103	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl9-BZ#206	.131 U	µg/Kg	.131	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Cl10-BZ#209	.0358 U	µg/Kg	.0358	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Monochlorobiphenyls	239.	µg/Kg	.0621	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Dichlorobiphenyls	662.	µg/Kg	.382	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Trichlorobiphenyls	3720.	µg/Kg	.272	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Tetrachlorobiphenyls	955.	µg/Kg	.294	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Pentachlorobiphenyls	199.	µg/Kg	.146	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Hexachlorobiphenyls	31.1	µg/Kg	.177	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Heptachlorobiphenyls	4.33	µg/Kg	.0908	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Octachlorobiphenyls	3.70	µg/Kg	.103	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Nonachlorobiphenyls	.131 U	µg/Kg	.131	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Decachlorobiphenyl	.0358 U	µg/Kg	.0358	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Total Homologues	5820.	µg/Kg	.382	µg/Kg
8/21/2003	SED-005	609554	4754151	5	0312034-05	Percent Moisture	50	%	.1	%
8/21/2003	SED-005	609554	4754151	5	0312034-05	Total Organic Carbon	1.9	%	.010	%
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl2-BZ#8	77.4	µg/Kg	.414	µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl3-BZ#18	30.4	µg/Kg	.295	µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl3-BZ#31/#28	208.	µg/Kg	.140	µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl4-BZ#44	25.6	µg/Kg	.178	µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl4-BZ#45	10.2	µg/Kg	.0698	µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl4-BZ#47	73.5	µg/Kg	.114	µg/Kg

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SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]	DETECTION LIMIT[3]
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl4-BZ#49	67.5 µg/Kg	.199 µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl4-BZ#52	89.3 µg/Kg	.0724 µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl4-BZ#56	24.0 µg/Kg	.318 µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl4-BZ#66	38.2 µg/Kg	.114 µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl4-BZ#70	38.7 µg/Kg	.258 µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl4-BZ#74	26.6 µg/Kg	.0724 µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl4-BZ#77	14.9 NJ µg/Kg	.140 µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl4-BZ#81	.150 U µg/Kg	.150 µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl5-BZ#87	10.4 J µg/Kg	.0879 µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl5-BZ#95	25.2 µg/Kg	.0336 µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl5-BZ#99	12.5 µg/Kg	.0491 µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl5-BZ#101	24.8 µg/Kg	.0594 µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl5-BZ#105	8.70 µg/Kg	.0879 µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl5-BZ#110	26.2 µg/Kg	.0594 µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl5-BZ#114	.879 µg/Kg	.0258 µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl5-BZ#118	20.5 J µg/Kg	.158 µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl5-BZ#123	.0879 U µg/Kg	.0879 µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl5-BZ#126	.0672 U µg/Kg	.0672 µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl6-BZ#128	2.13 µg/Kg	.233 µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl6-BZ#138	13.6 J µg/Kg	.124 µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl6-BZ#146	2.53 µg/Kg	.0517 µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl6-BZ#149	9.11 µg/Kg	.0827 µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl6-BZ#151	4.05 µg/Kg	.101 µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl6-BZ#153	8.37 µg/Kg	.150 µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl6-BZ#156	2.36 J µg/Kg	.186 µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl6-BZ#157	.403 J µg/Kg	.181 µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl6-BZ#158	.765 µg/Kg	.0491 µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl6-BZ#167	.403 J µg/Kg	.0646 µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl6-BZ#169	.191 U µg/Kg	.191 µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl7-BZ#170	2.49 J µg/Kg	.0930 µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl7-BZ#174	1.57 µg/Kg	.0620 µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl7-BZ#177	1.26 µg/Kg	.0413 µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl7-BZ#180	3.17 µg/Kg	.0853 µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl7-BZ#183	.920 µg/Kg	.0827 µg/Kg

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SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl7-BZ#189	.0982 U	µg/Kg	.0982	µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl7-BZ#187	3.32	µg/Kg	.0853	µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl8-BZ#194	1.25	µg/Kg	.0930	µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl8-BZ#195	.362 J	µg/Kg	.0930	µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl8-BZ#201	1.92	µg/Kg	.111	µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl9-BZ#206	1.73	µg/Kg	.142	µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Cl10-BZ#209	.465	µg/Kg	.0388	µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Monochlorobiphenyls	45.9	µg/Kg	.0672	µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Dichlorobiphenyls	270.	µg/Kg	.414	µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Trichlorobiphenyls	1320.	µg/Kg	.295	µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Tetrachlorobiphenyls	674.	µg/Kg	.318	µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Pentachlorobiphenyls	238.	µg/Kg	.158	µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Hexachlorobiphenyls	64.5	µg/Kg	.191	µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Heptachlorobiphenyls	12.6	µg/Kg	.0982	µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Octachlorobiphenyls	6.38	µg/Kg	.111	µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Nonachlorobiphenyls	5.90	µg/Kg	.142	µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Decachlorobiphenyl	.465	µg/Kg	.0388	µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Total Homologues	2640.	µg/Kg	.414	µg/Kg
8/22/2003	SED-006	611426	4755125	6	0312034-06	Percent Moisture	55	%	.1	%
8/22/2003	SED-006	611426	4755125	6	0312034-06	Total Organic Carbon	2.4	%	.010	%
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl2-BZ#8	2110.	µg/Kg	21.2	µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl3-BZ#18	773.	µg/Kg	15.1	µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl3-BZ#31/#28	3490.	µg/Kg	7.17	µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl4-BZ#44	725.	µg/Kg	.256	µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl4-BZ#45	343.	µg/Kg	.100	µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl4-BZ#47	1400.	µg/Kg	5.84	µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl4-BZ#49	1160.	µg/Kg	10.2	µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl4-BZ#52	1810.	µg/Kg	3.72	µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl4-BZ#56	431.	µg/Kg	.456	µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl4-BZ#66	734.	µg/Kg	.163	µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl4-BZ#70	693.	µg/Kg	.371	µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl4-BZ#74	638.	µg/Kg	.104	µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl4-BZ#77	330. NJ	µg/Kg	.200	µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl4-BZ#81	.215 U	µg/Kg	.215	µg/Kg

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SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]	DETECTION LIMIT[3]
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl5-BZ#87	270. J µg/Kg	.126 µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl5-BZ#95	685. µg/Kg	.0482 µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl5-BZ#99	348. µg/Kg	.0704 µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl5-BZ#101	625. µg/Kg	.0853 µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl5-BZ#105	151. µg/Kg	.126 µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl5-BZ#110	656. µg/Kg	.0853 µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl5-BZ#114	21.8 µg/Kg	.0371 µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl5-BZ#118	559. J µg/Kg	.226 µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl5-BZ#123	.126 U µg/Kg	.126 µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl5-BZ#126	.0964 U µg/Kg	.0964 µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl6-BZ#128	65.9 µg/Kg	.334 µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl6-BZ#138	467. J µg/Kg	.178 µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl6-BZ#146	96.6 µg/Kg	.0741 µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl6-BZ#149	281. µg/Kg	.119 µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl6-BZ#151	155. µg/Kg	.145 µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl6-BZ#153	331. µg/Kg	.215 µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl6-BZ#156	56.9 J µg/Kg	.267 µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl6-BZ#157	9.74 µg/Kg	.259 µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl6-BZ#158	21.8 µg/Kg	.0704 µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl6-BZ#167	16.6 J µg/Kg	.0927 µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl6-BZ#169	.274 U µg/Kg	.274 µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl7-BZ#170	86.7 J µg/Kg	.133 µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl7-BZ#174	67.2 µg/Kg	.0890 µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl7-BZ#177	53.5 µg/Kg	.0593 µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl7-BZ#180	126. µg/Kg	.122 µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl7-BZ#183	31.1 µg/Kg	.119 µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl7-BZ#189	3.97 J µg/Kg	.141 µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl7-BZ#187	119. µg/Kg	.122 µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl8-BZ#194	32.0 µg/Kg	.133 µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl8-BZ#195	12.0 µg/Kg	.133 µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl8-BZ#201	51.2 µg/Kg	.159 µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl9-BZ#206	24.7 µg/Kg	.204 µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Cl10-BZ#209	4.94 µg/Kg	.0556 µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Monochlorobiphenyls	2440. µg/Kg	3.45 µg/Kg

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8/28/2003	SED-007	614853	4781002	7	0312034-07	Dichlorobiphenyls	14200.	µg/Kg	21.2	µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Trichlorobiphenyls	13600.	µg/Kg	5.97	µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Tetrachlorobiphenyls	12400.	µg/Kg	9.69	µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Pentachlorobiphenyls	6340.	µg/Kg	.226	µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Hexachlorobiphenyls	2120.	µg/Kg	.274	µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Heptachlorobiphenyls	429.	µg/Kg	.141	µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Octachlorobiphenyls	130.	µg/Kg	.159	µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Nonachlorobiphenyls	45.9	µg/Kg	.204	µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Decachlorobiphenyl	4.94	µg/Kg	.0556	µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Total Homologues	57600.	µg/Kg	.593	µg/Kg
8/28/2003	SED-007	614853	4781002	7	0312034-07	Percent Moisture	67	%	.1	%
8/28/2003	SED-007	614853	4781002	7	0312034-07	Total Organic Carbon	5.1	%	.010	%
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl2-BZ#8	145.	µg/Kg	.530	µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl3-BZ#18	41.8	µg/Kg	.377	µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl3-BZ#31/#28	235.	µg/Kg	.179	µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl4-BZ#44	21.3	µg/Kg	.228	µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl4-BZ#45	12.4	µg/Kg	.0894	µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl4-BZ#47	67.1	µg/Kg	.146	µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl4-BZ#49	74.0	µg/Kg	.255	µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl4-BZ#52	98.6	µg/Kg	.0927	µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl4-BZ#56	17.8	µg/Kg	.407	µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl4-BZ#66	30.9	µg/Kg	.146	µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl4-BZ#70	30.5	µg/Kg	.331	µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl4-BZ#74	20.4	µg/Kg	.0927	µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl4-BZ#77	13.2 NJ	µg/Kg	.179	µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl4-BZ#81	.192 U	µg/Kg	.192	µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl5-BZ#87	8.61 J	µg/Kg	.113	µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl5-BZ#95	26.0	µg/Kg	.0430	µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl5-BZ#99	11.2	µg/Kg	.0629	µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl5-BZ#101	23.7	µg/Kg	.0762	µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl5-BZ#105	6.18	µg/Kg	.113	µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl5-BZ#110	25.4	µg/Kg	.0762	µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl5-BZ#114	.0331 U	µg/Kg	.0331	µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl5-BZ#118	17.0 J	µg/Kg	.202	µg/Kg

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SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]	DETECTION LIMIT[3]
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl5-BZ#123	.113 U µg/Kg	.113 µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl5-BZ#126	.0861 U µg/Kg	.0861 µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl6-BZ#128	2.42 µg/Kg	.298 µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl6-BZ#138	15.0 J µg/Kg	.159 µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl6-BZ#146	2.87 µg/Kg	.0662 µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl6-BZ#149	11.5 µg/Kg	.106 µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl6-BZ#151	4.90 µg/Kg	.129 µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl6-BZ#153	9.67 µg/Kg	.192 µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl6-BZ#156	3.67 J µg/Kg	.238 µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl6-BZ#157	.715 J µg/Kg	.232 µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl6-BZ#158	.543 µg/Kg	.0629 µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl6-BZ#167	.503 J µg/Kg	.0828 µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl6-BZ#169	.245 U µg/Kg	.245 µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl7-BZ#170	3.55 J µg/Kg	.119 µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl7-BZ#174	1.84 µg/Kg	.0795 µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl7-BZ#177	1.47 µg/Kg	.0530 µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl7-BZ#180	3.62 µg/Kg	.109 µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl7-BZ#183	.914 µg/Kg	.106 µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl7-BZ#189	.126 U µg/Kg	.126 µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl7-BZ#187	4.79 µg/Kg	.109 µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl8-BZ#194	2.12 µg/Kg	.119 µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl8-BZ#195	.119 U µg/Kg	.119 µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl8-BZ#201	5.32 µg/Kg	.142 µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl9-BZ#206	7.97 µg/Kg	.182 µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Cl10-BZ#209	2.13 µg/Kg	.0497 µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Monochlorobiphenyls	112. µg/Kg	.0861 µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Dichlorobiphenyls	417. µg/Kg	.530 µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Trichlorobiphenyls	2970. µg/Kg	.377 µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Tetrachlorobiphenyls	666. µg/Kg	.407 µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Pentachlorobiphenyls	235. µg/Kg	.202 µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Hexachlorobiphenyls	92.2 µg/Kg	.245 µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Heptachlorobiphenyls	17.4 µg/Kg	.126 µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Octachlorobiphenyls	16.8 µg/Kg	.142 µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Nonachlorobiphenyls	19.6 µg/Kg	.182 µg/Kg

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SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
8/29/2003	SED-008	607892	4749119	8	0312034-08	Decachlorobiphenyl	2.13	µg/Kg	.0497	µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Total Homologues	4550.	µg/Kg	.530	µg/Kg
8/29/2003	SED-008	607892	4749119	8	0312034-08	Percent Moisture	65	%	.1	%
8/29/2003	SED-008	607892	4749119	8	0312034-08	Total Organic Carbon	4.4	%	.010	%
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl2-BZ#8	.411 U	µg/Kg	.411	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl3-BZ#18	.293 U	µg/Kg	.293	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl3-BZ#31/#28	.139 U	µg/Kg	.139	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl4-BZ#44	.177 U	µg/Kg	.177	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl4-BZ#45	.0693 U	µg/Kg	.0693	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl4-BZ#47	.298 J	µg/Kg	.113	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl4-BZ#49	.339 J	µg/Kg	.198	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl4-BZ#52	.493	µg/Kg	.0719	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl4-BZ#56	.316 U	µg/Kg	.316	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl4-BZ#66	.113 U	µg/Kg	.113	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl4-BZ#70	.257 U	µg/Kg	.257	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl4-BZ#74	.0719 U	µg/Kg	.0719	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl4-BZ#77	.139 U	µg/Kg	.139	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl4-BZ#81	.149 U	µg/Kg	.149	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl5-BZ#87	.0873 U	µg/Kg	.0873	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl5-BZ#95	.0334 U	µg/Kg	.0334	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl5-BZ#99	.0488 U	µg/Kg	.0488	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl5-BZ#101	.0590 U	µg/Kg	.0590	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl5-BZ#105	.0873 U	µg/Kg	.0873	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl5-BZ#110	4.50 J	µg/Kg	.0590	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl5-BZ#114	.0257 U	µg/Kg	.0257	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl5-BZ#118	.195 J	µg/Kg	.157	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl5-BZ#123	.0873 U	µg/Kg	.0873	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl5-BZ#126	.0667 U	µg/Kg	.0667	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl6-BZ#128	.231 U	µg/Kg	.231	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl6-BZ#138	.123 U	µg/Kg	.123	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl6-BZ#146	.0513 U	µg/Kg	.0513	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl6-BZ#149	.175 J	µg/Kg	.0821	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl6-BZ#151	.298 J	µg/Kg	.100	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl6-BZ#153	.149 U	µg/Kg	.149	µg/Kg

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SAMPLING DATE	FIELD ID	EASTING (NAD83 UTM18N)	NORTHING (NAD83 UTM18N)	SITE NUMBER	LAB ID	ANALYTE[1]	VALUE, INTERPRETIVE QUALIFIER[2], AND UNITS[3]		DETECTION LIMIT[3]	
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl6-BZ#156	.719 J	µg/Kg	.185	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl6-BZ#157	.180 U	µg/Kg	.180	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl6-BZ#158	.0488 U	µg/Kg	.0488	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl6-BZ#167	.0642 U	µg/Kg	.0642	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl6-BZ#169	.190 U	µg/Kg	.190	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl7-BZ#170	.0924 U	µg/Kg	.0924	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl7-BZ#174	.0616 U	µg/Kg	.0616	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl7-BZ#177	.0411 U	µg/Kg	.0411	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl7-BZ#180	.0847 U	µg/Kg	.0847	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl7-BZ#183	.0821 U	µg/Kg	.0821	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl7-BZ#189	.852 J	µg/Kg	.0976	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl7-BZ#187	.0847 U	µg/Kg	.0847	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl8-BZ#194	.0924 U	µg/Kg	.0924	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl8-BZ#195	.0924 U	µg/Kg	.0924	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl8-BZ#201	.110 U	µg/Kg	.110	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl9-BZ#206	.141 U	µg/Kg	.141	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Cl10-BZ#209	.0385 U	µg/Kg	.0385	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Monochlorobiphenyls	7.10	µg/Kg	.0667	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Dichlorobiphenyls	.411 U	µg/Kg	.411	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Trichlorobiphenyls	466.	µg/Kg	.293	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Tetrachlorobiphenyls	.316 U	µg/Kg	.316	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Pentachlorobiphenyls	19.5	µg/Kg	.157	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Hexachlorobiphenyls	10.8	µg/Kg	.190	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Heptachlorobiphenyls	.852	µg/Kg	.0976	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Octachlorobiphenyls	2.92	µg/Kg	.110	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Nonachlorobiphenyls	.141 U	µg/Kg	.141	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Decachlorobiphenyl	.0385 U	µg/Kg	.0385	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Total Homologues	508.	µg/Kg	.411	µg/Kg
9/4/2003	SED-009	590932	4718536	9	0312034-09	Percent Moisture	49	%	.1	%
9/4/2003	SED-009	590932	4718536	9	0312034-09	Total Organic Carbon	4.2	%	.010	%

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U.S. DEPARTMENT OF THE INTERIOR
MARCH 3, 1849

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
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NEW YORK STATE