DATA REPORT
ORGANOCHLORINE AND METAL CONTAMINANT LEVELS IN HUDSON RIVER AQUATIC INSECTS

HUDSON RIVER NATURAL RESOURCE DAMAGE ASSESSMENT

HUDSON RIVER NATURAL RESOURCE TRUSTEES

STATE OF NEW YORK

U.S. DEPARTMENT OF COMMERCE

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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. Previous studies have documented elevated PCB levels in sediment and tree swallows (*Tachycineta bicolor*) adults, eggs, and nestlings from the Upper Hudson River. Since tree swallows prey on emerging aquatic insects, the Trustees collected emerging adult aquatic insects at four sites along the Hudson River to determine PCB contamination levels in aquatic insects to complete the contaminant pathway from sediment to tree swallows. In addition, the Trustees measured concentrations of other organochlorine compounds and metals in adult aquatic insects.

In May through June 1998, emerging adult aquatic insects were collected from Remnant Area 4, Special Area 13, Saratoga National Historic Park, and the Village of Chelsea using black-light funnel traps. Samples were sorted to exclude insects without aquatic larval stages or that were not prey items of tree swallows. Once sorted, samples were homogenized, divided into five sub-samples, and analyzed for PCBs, select metals, and select organochlorine pesticides. Metals were detected in most samples but do not exhibit spatial patterns related to proximity to the two General Electric (GE) plant sites at Hudson Falls and Ft. Edward where PCBs were released to the river. Many of the organochlorine pesticides that were tested for were not detected in the aquatic insect samples. With the exception of hexachlorobenzene and beta-HCH, most detectable organochlorine pesticides were higher in samples from the Hudson River Estuary (Chelsea) than from the Upper Hudson River (Remnant Area 4, Special Area 13, and Saratoga National Historic Park). Total PCB concentrations in adult aquatic insects were related to sample site and proximity to the GE plant sites, and exhibited similar spatial patterns to those previously observed in Hudson River fish. PCB homologue distributions were similar for the three Upper Hudson River sites and distinctively different for the site in the Hudson River Estuary. These patterns are also similar to what has been observed in Hudson River fish. PCB concentrations in adult aquatic insects demonstrate a pathway from PCBs in the sediment up the food web to insects and into tree swallows, which rely on emerging insects from the river as a primary food source.

This study shows a contaminant pathway of PCBs from contaminated Hudson River sediments to adult aquatic insects to tree swallows. A similar pathway would exist for other insectivorous invertebrates and vertebrates, both aquatic and terrestrial, exposed to PCBs through their diet of insects.

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1.0 INTRODUCTION

Past and continuing discharges of polychlorinated biphenyls (PCBs) have contaminated the natural resources of the Hudson River. The Hudson River Natural Resource Trustees (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 a preliminary investigation of organochlorine and metals contamination in adult aquatic insects emerging from the Hudson River.

The nymphs and larvae of many flying insects, including mayflies, caddisflies, and midges, are aquatic during these life stages. Eventually, an aquatic larval insect will pupate and emerge into a winged adult form or a nymph will molt into a winged adult (or sub-adult) form and then leave the water. For this report, an "adult emerging aquatic insect" refers to an insect with an aquatic life stage that has emerged from the Hudson River into its adult flying life stage. Often these adult emerging aquatic insects spend the majority of their life cycles in the aquatic life stages. While in the water, these insects are living on or in the sediment, placing them in direct contact with any sediment associated contamination. Therefore, emerging aquatic insects can be an important pathway for moving contaminants from aquatic to terrestrial systems (Fairchild et al. 1992).

PCB contamination in the sediment of the Upper Hudson River is well documented, but other organochlorine compounds and metals in the Hudson River system also have the potential to bioaccumulate in the aquatic food web and have been less studied. In contaminant studies, tree swallows (*Tachycineta bicolor*) are commonly used as indicators of local sediment contamination because they forage near their nest sites and feed primarily on emerging insects that have aquatic life stages (Blancher and McNichol 1991, Quinney and Ankney 1985, St. Louis et al. 1990). Several studies have investigated the bioaccumulation of PCBs in tissues of tree swallows and PCB effects on tree swallow breeding biology from PCB (Custer et al. 1998, Custer et al. 2003, Froese et al. 1998, Maul at al. 2006, Papp et al. 2005). On the Hudson River, levels of PCBs in tree swallow eggs, tissues of newborn chicks, and in growing nestlings indicated that contaminants are passed to them directly from their parents and through the foods that they are fed (Echols et al. 2004, McCarty and Secord 1999, and Secord et al. 1999). Since tree swallows feed on emerging insects, knowing PCB concentrations in emerging insects is an important step in connecting the pathway from contaminants in Hudson River sediments to contaminants observed in tree swallow adults, eggs, and nestlings. A few studies have examined PCB concentrations in aquatic insect larvae from the Hudson River (Bush et al. 1985, Novak et al. 1988, Novak et al. 1990), but few data are available on PCBs, organochlorine pesticides, or metal concentrations in the adult life stages. Like aquatic insect larvae, adult aquatic insects have been shown to be reliable indicators of sediment contamination (Ciborowski and Corkum 1988, Kovats and Ciborowski 1989, Kovats and Ciborowski 1993, Mauck and Olson 1977). This preliminary investigation was designed to help document the contaminant pathway from sediment to tree swallows by sampling adult aquatic insects from the Hudson River in areas adjacent to previously studied tree swallow colonies.

In May through July 1998, the Trustees collected emerging adult aquatic insects at four sites along the Hudson River between Hudson Falls, NY and Chelsea, NY. This work was undertaken by the Trustees to identify contaminants, including PCBs, in aquatic insects of the Hudson River and to document the pathway of contaminants, particularly PCBs, from the sediments to biological resources, such as tree swallows. This work may potentially be used to design future studies to further assess pathways from aquatic to terrestrial ecosystems.

2.0 SCOPE OF WORK

2.1 COLLECTION OF SPECIMENS

2.1.1 SAMPLING SITES

Four sampling locations along the Hudson River were selected for adult aquatic insect collections between Hudson Falls, NY and Chelsea, NY (Figure 1). The sampling sites used in this investigation are as follows:

Site	Name	Location
1	HRI-98-1	Remnant 4
2	HRI-98-2	Special Area 13
3	HRI-98-3	Saratoga National Historic Park
4	HRI-98-4	Chelsea

The Upper Hudson River sites (Sites 1-3) were selected to correspond with previously established tree swallow colonies. Site 4 was selected to assess how organochlorine and metal concentrations in adult aquatic insects differ between the upper Hudson River above the Federal Dam at Troy and the Hudson River Estuary.

Remnant 4 (Site 1) is located in the Town of Moreau, Saratoga County, approximately 1.5 mile downstream of the former GE Hudson Falls plant and near the former outfall of the GE Ft. Edward plant (Figure 2a). Special Area 13 (Site 2) is located in the Town of Moreau, Saratoga County, approximately 3 miles downstream of the Hudson Falls plant (Figure 2b). Saratoga National Historic Park (Saratoga NHP, Site 3) is located in the Town of Stillwater, Saratoga County approximately 23 miles downstream of the Hudson Falls plant (Figure 2c). Chelsea (Site 4) is located in the Village of Chelsea, Duchess County, approximately 130 miles downstream of the Hudson Falls plant (Figure 2d).

2.1.2 SAMPLE COLLECTION

Adult aquatic insects were collected using BioQuip® terrestrial black light traps powered by 12-volt DC current and designed to capture nocturnal flying insects. At each sampling location, two traps were deployed as close to the surface of the river as possible in order to collect recently emerged insects. The two samplers were placed approximately 40 feet apart. Collections began at dusk and ran until 1.5 hours after dark.

The traps consisted of a five gallon plastic bucket with an aluminum funnel fitted directly into the bucket with the small end of the funnel near the bottom of the bucket. The bucket was lined with aluminum foil to prevent contamination from substances adhered to the plastic bucket. A light source (12-volt fluorescent black light) was supported by a plexiglass tripod vane structure above the funnel. An aluminum lid was placed over the light assembly and held in place with bungee cords. Insects attracted to the light were subsequently trapped in the bucket below.

Prior to each sampling effort, the plexiglass vanes, funnel, and aluminum foil components of the sampling devices were rinsed with hexane to minimize contamination of the samples to be collected. Field personnel wore latex gloves at all times while handling, deploying and retrieving the sampling equipment. If gloved hands came in contact with river water, riverbank soils or other sources of contamination, the contaminated gloves were immediately discarded and replaced with clean gloves prior to handling the sampling equipment. Following the collection period the light and vanes were removed from the light trap and the aluminum lid securely fastened to the top of the bucket, with the funnel left in place.

The following data was recorded on a *Field Collection Record* (Appendix A) for each sample collected:

a. Sample number
b. Date and time period of collection
c. Study site name
d. Method of collection
e. Study site location (distance from river bank and distance and direction from nearest prominent and identifiable landmark)
f. Habitat description (vegetative community type, dominant vegetation, river conditions)
g. Environmental conditions (air temperature, wind, cloud cover, moon phase, etc.)
h. Comments
i. Name of collector(s).

The sample was tagged, dated, and assigned an identification number corresponding to the study location as soon as it was collected. Samples were frozen as soon as practicable and kept frozen until being processed at NYSDEC Hale Creek Field Station.

2.2 SAMPLE PREPARATION

All samples were frozen as soon as practicable after collection and kept frozen in a locked freezer until processing at NYSDEC Hale Creek Field Station. The field samples were thawed and a small sub-sample of adults from each taxonomic group was preserved in alcohol for potential later identification to lowest possible taxonomic level. The field samples were examined and sorted to exclude all insects of terrestrial origin and adult insects of aquatic origin that are not prey items of tree swallows (e.g., whirligig beetles, backswimmers, etc.). Once sorted, samples were weighed to the nearest 0.1 gram and the total wet-weight of the sorted sample was recorded.

Five sub-samples of approximately equal weight were made from the sorted sample from each of the sample locations. Prior to sub-sampling, sorted samples were homogenized using a blender. When sub-sampling was not possible immediately following sorting, the sample was re-frozen until sub-sampling was practicable (period not to exceed two months). Previously frozen samples were thawed and re-hydrated (as necessary) to original wet weight using deionized water before homogenizing. Each sample was composed of approximately 5-10 grams (minimum of 4 grams) of adult aquatic insects weighed to the nearest 0.01 gram. Each sub-sample was placed in a separate hexane-rinsed glass jar and immediately re-frozen. Sub-samples were identified using the sample location number followed by sequential upper-case letters (e.g., HRI-98-1A, HRI-98-1B, etc.). Samples were stored in a locked freezer except for when samples were being prepared or being transported to the designated laboratory.

The following data were recorded on a *Sample Preparation Record* (Appendix B) for each sub-sample prepared for shipment to the analytical laboratory:

a. Sample number
b. Study site name
c. Total wet weight of sorted sample (measured to nearest 0.1 gram)
d. Comments
e. Date sample is sorted

f. Name of sample sorter(s)

g. Date sample was homogenized/sub-sampled

h. Name of sub-sample preparer(s)

i. Sub-sample number

j. Wet-weight of sub-samples (measured to nearest 0.01 gram)

During transport, the samples were kept frozen in a secured ice chest or shipping container. The completed form entitled *Chain of Custody Record* (Appendix C) accompanied all processed sub-samples. Samples were stored in a locked freezer except when samples were being prepared or being transported to the designated laboratory.

2.3 CHEMICAL ANALYSIS

A total of 20 sub-samples (5 sub-samples from each of the 4 sample sites) were submitted for analysis. Adult aquatic insect samples were analyzed for percent lipids, 124 PCB congeners (some of which are coeluters for a total of 100 congener peaks; Table 1), PCB Aroclors, organochlorine pesticides, and select metals. The samples were analyzed by Axys Analytical Services, Ltd., Sidney, British Columbia, Canada for PCBs, organochlorine pesticides, and percent lipids and by Frontier Geosciences, Seattle, Washington, for metals and percent moisture.

The analytical methods used are those listed below.

Parameter	Analytical Method Reference
Lipids	Axys Analytical Services, Ltd. SOP
PCB congeners (124 congeners as provided in Table 1)	Axys Analytical Services, Ltd. SOP
PCB (by Aroclor)	
Aldrin	
BHC isomers (4)	
Chlordane compounds (4)	
DDT and metabolites	
Dieldrin	EPA 8080
Endrin	
Heptachlor	
Heptachlor epoxide	
Mirex	
Photomirex	
Hexachlorobenzene	
Mercury	EPA 7470
Lead	EPA 7421
Cadmium	EPA 7131
Chromium	EPA 7191
Moisture	Frontier Geosciences, SOP

Table 1. Polychlorinated biphenyl (PCB) congeners analyzed in adult aquatic insects along the Hudson River, NY.

Ballschmiter and Zell (1994) and IUPAC Number	Congener Type
PCB-6	di
PCB-4/10	di
PCB-7/9	di
PCB-8/5	di
PCB-15	di
PCB-19	tri
PCB-18	tri
PCB-17	tri
PCB-24/27	tri
PCB-16/32	tri
PCB-26	tri
PCB-25	tri
PCB-31/28	tri
PCB-33 /20	tri
PCB-22	tri
PCB-37	tri
PCB-53	tetra
PCB-45	tetra
PCB-46	tetra
PCB-52	tetra
PCB-49	tetra
PCB-47/48	tetra
PCB-44	tetra
PCB-42	tetra
PCB-41/71/64	tetra
PCB-40	tetra
PCB-74 /61	tetra
PCB-70/76	tetra
PCB-66 /80	tetra
PCB-81	tetra
PCB-56/60	tetra
PCB-77	tetra
PCB-95	penta
PCB-119	penta

PCB-91	penta
PCB-84	penta
PCB-90/101/89	penta
PCB-99	penta
PCB-83	penta
PCB-97 /86	penta
PCB-87	penta
PCB-85	penta
PCB-110	penta
PCB-82	penta
PCB-107	penta
PCB-114	penta
PCB-126	penta
PCB-136	hexa
PCB-151	hexa
PCB-144/135	hexa
PCB-149	hexa
PCB-134 /143	hexa
PCB-131	hexa
PCB-146	hexa
PCB-118	hexa
PCB-123	hexa
PCB-105	hexa
PCB-153	hexa
PCB-132/168	hexa
PCB-141	hexa
PCB-130	hexa
PCB-137	hexa
PCB-138	hexa
PCB-158	hexa
PCB-129	hexa
PCB-128	hexa
PCB-167	hexa
PCB-156	hexa
PCB-157	hexa
PCB-169	hexa
PCB-184	hepta
PCB-179	hepta
PCB-176	hepta
PCB-178	hepta
PCB-175	hepta
PCB-187/182	hepta

PCB-183	hepta
PCB-185	hepta
PCB-174 /181	hepta
PCB-177	hepta
PCB-171	hepta
PCB-172	hepta
PCB-180	hepta
PCB-193	hepta
PCB-191	hepta
PCB-170 /190	hepta
PCB-189	hepta
PCB-201 (BZ#200)	octa
PCB-197	octa
PCB-200 (BZ#199)	octa
PCB-198	octa
PCB-199 (BZ#201)	octa
PCB-196/203	octa
PCB-195	octa
PCB-194	octa
PCB-205	octa
PCB-208	nona
PCB-207	nona
PCB-206	nona
PCB-209	deca

2.4 QUALITY ASSURANCE / QUALITY CONTROL

Data validation was based on method performance criteria and quality control (QC) criteria documented in the Trustee's Analytical Quality Assurance Plan (QAP; Hudson River Natural Resource Damage Trustees 2002b), U.S. Environmental Protection Agency (USEPA) National Functional Guidelines for Organic Data Review (USEPA 1999), and the laboratory standard operating procedures (SOPs) when available.

The following QC elements were reviewed for all data packages:

- Chain of custody and sample handling
- Laboratory deliverables and documentation practices
- Initial and continuing calibration (from summary forms and raw data)
- Laboratory preparation blank contamination (from summary forms)
- Analytical accuracy (as appropriate to method): surrogate recovery, laboratory control samples (LCS), ongoing precision and recovery (OPC) samples, matrix spike (MS) samples, certified reference material (CRM) results (from summary forms and raw data)

- Analytical precision: laboratory replicate analyses (from summary forms and raw data)
- Analyte identifications and quantitations (from summary forms and raw data)

Analyses from this investigation predate the QAP. As a result, some information was not available and the following QAP criteria could not be evaluated:

PCB/organochlorine pesticide

- No GC/MS performance checks ("tunes") were submitted
- No initial calibration (ICAL) data were submitted
- No MS samples were analyzed
- No reference materials (RM) were analyzed
- No breakdown checks for 4,4'-DDT or endrin were performed
- Internal standard for the electron capture detector (ECD) could not be evaluated

Metals analysis

- The inductively coupled plasma - mass spectrometer (ICP-MS) tune data were not submitted

Appendix D contains the report of the historical data review and validation. Of the 2,600 data points submitted by Axys Analytical, two results were not reported and 19 results were rejected (R), leaving 2,579 usable results, for a completeness of 99%. Of these usable results, 98 results were estimated (J), 162 results were qualified as not detected (U), and 80 results were qualified as tentatively identified and estimated (NJ). Some results were both estimated (J) and qualified as not detected (U), so the total number of qualified results is less than the sum of these three. Out of 2,579 usable results reported by Axys, a total of 331 (12.9%) data points were qualified. Of the 80 data points submitted by Frontier Geosciences, 36 (45%) data points were estimated (J). None were rejected. Overall, of the 2,680 data points submitted, 21 were rejected (R), leaving 2,659 usable data points. Of these, 367 (13.8%) were qualified. The overall quality of this data is acceptable and these results, as qualified, are considered usable.

3.0 RESULTS

3.1 DATA SHEETS

The *Adult Aquatic Insect Data Sheets* (Appendix E) provide the complete results of the analyses. The data sheets contain the following fields:

Sampling Date - mm/dd/yy

Field ID - Field IDs were created using the format HRI -98-01A, where "HRI" refers to Hudson River insects, "98" refers to the year the sample was collected (1998), "01" refers to the sample site number, and "A" refers to the sub-sample.

Laboratory ID - "Laboratory ID" refers to the ID assigned by Axys Analytical to samples analyzed for PCBs and organochlorine pesticides.

Analyte - The PCB Aroclor, PCB congener, organochlorine pesticide, or metal analyzed.

Value - Analytical result.

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

U Not detected: 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.

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 D).

Qualifier Reason Code - Codes explaining data flagged during data validation. The reason codes are defined as follows:

3 Compound confirmation not performed

5A Initial Calibration not performed

7 Blank Contamination

9 Laboratory Duplicate Precision (RPD > 30%)

10 LCS (percent recovery outside MQO)

13 Surrogate (percent recovery outside MQO)

14 Other (see data validation report)

21 Potential False Positive

Detection Limit - The analytical limit below which an analyte cannot be detected.

Units - The unit of measurement of the analytical result (e.g., ng/g).

For the purpose of reporting PCB, organochlorine pesticide, and metal results in the text, tables, and figures included in this report, all values flagged with either a U or UJ qualifier (that is, not detected; see Appendix E) 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 over-reporting the true value. This is thus a conservative result; the actual concentrations could be higher.

3.2 METAL CONCENTRATIONS

Cadmium concentrations in adult aquatic insects from the three sites in the Upper Hudson River (Sites 1-3) ranged from 0.041-0.088 mg/kg (wet weight). Cadmium concentrations at Site 4 located in the tidal portion of the Hudson River were higher than those in the Upper Hudson River and ranged from 0.177-0.200 mg/kg (wet weight). Chromium concentration in adult aquatic insects from Sites 1-3 ranged from 0.027-0.317 mg/kg (wet weight). Chromium concentration at Site 4 ranged from 0.040-0.088 mg/kg (wet weight). Lead concentration at Sites 1-3 ranged from 0.088-0.376 mg/kg (wet weight). Lead concentrations at Site 4 ranged from 0.144-1.061 mg/kg (wet weight). Mercury concentrations at Sites 1-3 ranged from 0.028-0.050 mg/kg (wet weight). Mercury concentrations at Site 4 ranged from 0.027-0.033 mg/kg (wet weight) (Table 2).

Metal concentrations in adult aquatic insects exhibited some noticeable variation with regards to sample location. Cadmium concentrations were higher at Site 4 than at Sites 1-3 (Figure 3a). Chromium concentrations tended to increase slightly at Site 2 and Site 3 (Figure 3b). Lead concentrations appeared to be higher at Site 4 than at the Upper Hudson River sites (Figure 3c). Mercury concentrations were higher at Sites 1 and 3 than at Sites 2 and 4, but the differences, amounted to only 0.01 mg/kg (Figure 3d). Cadmium concentrations in the insect samples increased with distance downriver (Figure 4a). Chromium and lead concentrations were poorly correlated with sample site with no clear concentration gradient (Figures 4b and 4c). Mercury concentrations in the insect samples appeared to decrease with distance downriver, but the relationship was not significant (Figure 4d).

Table 2. Summary of metal concentrations (mg/kg wet weight) in adult aquatic insect samples from four sample sites along the Hudson River. Site 1 is Remnant Area 4, Site 2 is Special Area 13, Site 3 is Saratoga NHP, and Site 4 is Chelsea Marina.

Site	Metal	n	Metal Concentration Range (mg/kg)	Conc. Average ±1 Std. Dev. (mg/kg)
1	Cd	5	0.041-0.048	0.044±0.003
	Cr	4	0.08-0.095	0.088±0.007
	Pb	5	0.096-0.142	0.108±0.019
	Hg	5	0.037-0.041	0.039±0.002
2	Cd	5	0.062-0.082	0.075±0.009
	Cr	5	0.027-0.317	0.137±0.118
	Pb	5	0.216-0.376	0.259±0.068
	Hg	5	0.028-0.031	0.030±0.001
3	Cd	5	0.065-0.088	0.078±0.012
	Cr	5	0.081-0.288	0.151±0.082
	Pb	5	0.088-0.145	0.120±0.023
	Hg	5	0.034-0.050	0.040±0.006
4	Cd	5	0.177-0.200	0.188±0.010
	Cr	2	0.04-0.088	0.064±0.034
	Pb	5	0.144-1.061	0.345±0.040
	Hg	5	0.027-0.033	0.030±0.002

3.3 ORGANOCHLORINE PESTICIDES

Many of the selected organochlorine pesticides were not detected in the adult aquatic insect samples (Table 3). Hexachlorobenzene was highest at Sites 1 and 2 and not detected in Site 4 (Figure 5a). Site 2 had the only detectable levels of BHC isomers (alpha and beta; Figure 5b). Oxychlordane was detected at Sites 1-3, but not at Site 4, while alpha-Chlordane (cis-) displayed an increasing trend with distance away from the PCB source at Hudson Falls and Ft. Edward (Figure 5c). Dieldrin concentrations were noticeably higher

at Site 4 than at the three Upper Hudson River sites (Figure 5d). The most prominent DDT metabolite was p,p'-DDE (Figure 6a), which also displayed an increasing trend with distance away from the PCB source at Hudson Falls and Ft. Edward (Figure 7). The other DDT metabolites displayed a similar trend although at noticeably lower concentrations (Figure 6b).

Table 3. Organochlorine pesticides analyzed in adult aquatic insect samples taken from four sites along the Hudson River. Site 1=Remnant Area 4, Site 2=Special Area 13, Site 3=Saratoga National Historic Park, Site 4=Chelsea Marina. ND=non-detect and n=number of detects out of 5 sub-samples. Organochlorine concentrations are expressed as ng/g wet weight

	Sample Site							
Analyte	1		2		3		4	
	range	n	range	n	range	n	range	n
Aldrin	ND	0	ND	0	ND	0	ND	0
BHC isomers								
alpha HCH	0.35	1	0.35	1	ND	0	ND	0
beta HCH	ND	0	ND	0	ND	0	ND	0
delta HCH	ND	0	ND	0	ND	0	ND	0
gamma HCH	ND	0	3.1	1	ND	0	ND	0
Chlordane compounds								
Oxychlordane	ND	0	ND	0	ND	0	ND	0
alpha-Chlordane (cis-)	0.20-0.21	2	0.23-0.38	5	0.22-0.28	3	ND	0
gamma-Chlordane (trans-)	ND	0	ND	0	ND	0	ND	0
trans-Nonachlor	0.34-0.47	5	0.46-0.56	5	0.39-0.62	5	0.54-0.95	5
DDT and metabolites								
o,p'-DDD	0.10-0.14	3	0.09-0.11	3	0.16-0.24	2	0.20-0.83	4
p,p'-DDD	0.48-0.71	5	0.29-0.33	4	0.27-0.30	3	0.78-1.3	5
o,p'-DDE	0.13	1	0.10-0.16	5	0.13-0.16	4	0.36-0.75	3
p,p'-DDE	6.2-6.9	5	5.5-5.9	5	6.1-7.4	5	27-150	5
o,p'-DDT	0.21-0.26	5	0.17-0.21	5	0.16-0.54	5	0.29-1.8	5
p,p'-DDT	0.42-0.53	5	0.43-0.55	5	0.42-0.68	4	0.68-1.1	5
Dieldrin	0.24-0.34	5	0.40-0.57	5	0.39-0.48	5	0.66-4.9	5
Endrin	ND	0	ND	0	ND	0	ND	0
Heptachlor	ND	0	ND	0	ND	0	ND	0
Heptachlor Epoxide	ND	0	ND	0	ND	0	ND	0
Hexachlorobenzene	0.53-0.59	5	0.57-0.70	4	0.43	1	ND	0
Mirex	ND	0	ND	0	ND	0	ND	0

3.4 PCBs

3.4.1 TOTAL PCBS

Total PCBs were calculated as the sum of the PCB homologues. Total PCBs in adult aquatic insect samples ranged from 238.3 ng/g to 6326 ng/g (wet weight basis, Table 4). Adult aquatic insect PCB concentrations were well correlated with lipid content (Figure 8). Total PCB concentration showed clear spatial trends. PCB concentrations increased between Site 1 and Site 2 and decreased slightly between Site 2 and Site 3. Site 4 displayed the lowest PCB concentrations of the four sample sites (Figure 9). Although Site 1, which is closest to the two GE plant sites, had lower total PCB concentrations than Sites 2 and 3, PCB concentrations still showed a significantly decreasing downstream concentration gradient from the plant sites to the Hudson River Estuary using linear regression analysis (Figure 10).

Table 4. Total PCBs concentrations (ng/g wet weight) from adult aquatic insect samples from four sites along the Hudson River. Site 1=Remnant Area 4, Site 2=Special Area 13, Site 3=Saratoga National Historic Park, Site 4=Chelsea Marina.

Site	Ave±SD	Range	n
1	2143±302.8	1769-2537	5
2	5739±509.8	5330-6326	5
3	3481±446.9	3141-4229	5
4	264.8±21.66	238.3-295.3	5

3.4.2 PCB AROCLORS

Aroclor 1248 was not detected in any of the insect samples at any of the sample sites. Aroclors 1242 and 1254 concentrations displayed a similar trend to total PCBs with concentrations increasing between Site 1 and Site 2 and decreasing slightly between Site 2 and Site 3. Aroclor 1260 also displayed a similar trend, but concentrations were approximately one-tenth those of Aroclors 1242 and 1254. Site 4 displayed the lowest Aroclor concentrations of the four sample sites (Figure 11).

Measurements of Aroclors may not accurately reflect the hazards posed to organisms from exposure to PCBs, and congener specific analysis is widely recognized to be a more accurate measurement of total PCBs and exposure risk (Valoppi et al. 2000). However, Aroclor analysis and total PCBs based on Aroclor were widely used in contaminants monitoring for decades, and is included in this data report for its value in comparison to historical data sets.

3.4.3 PCB HOMOLOGUES AND CONGENERS

The complete list of concentrations for the 124 PCB congeners that were analyzed in this investigation are located in the data sheets in Table 1. The PCB congeners were grouped into homologue groups based on chemical structure related to the number of chlorine atoms (1-10) attached to the biphenyl core. The distribution of homologues expressed as a fraction of Total PCBs was similar for Sites 1, 2, and 3. The homologue distribution for Site 4 was distinctly different when compared to the three Upper Hudson River sites (Figure 12). Site 4 had a greater proportion of higher chlorinated PCBs than Sites 1, 2, or 3.

4.0 DISCUSSION

4.1 METALS

All adult aquatic insect samples analyzed had detectable levels of cadmium, chromium, mercury, and lead, except for one sample from Site 1 where chromium was not detected and three samples from Site 4 where chromium was not detected. Even though metals were detectable in most samples, the concentrations were well below levels of concern developed for macroinvertebrates in NY state waters (Table 5, Bode et al. 2002). Mercury appeared to have a decreasing concentration gradient with distance downstream from the GE plant sites, but the differences between sites were small (0.01 ppm) and may represent variations related to site-specific mercury cycling (Evers et al. 2007). Cadmium displayed a concentration gradient increasing with distance away from the GE plants. Elevated cadmium concentrations in sediment and invertebrates (e.g., blue claw crabs) are well documented in the Hudson River Estuary and may be the lingering effect of cadmium contamination related to the remediation of the former Marathon Battery site in Foundry Cove, Putnam County, NY (Kneip and Hazen 1979, Levinton et al. 2006, Sloan and Karcher 1984, USEPA 1986, 1988, 1989.

Table 5. Metal concentrations (mg/kg wet weight) for four sample sites along the Hudson River, NY. Site 1=Remnant Area 4, Site 2=Special Area 13, Site 3=Saratoga National Historic Park, Site 4=Chelsea Marina.

	Cd	Cr	Pb	Hg
Site	ave±sd (mg/kg)	ave±sd (mg/kg)	ave±sd (mg/kg)	ave±sd (mg/kg)
1	0.044±0.003	0.088±0.007	0.108±0.019	0.039±0.002
2	0.075±0.009	0.137±0.118	0.259±0.068	0.030±0.001
3	0.078±0.012	0.151±0.082	0.120±0.023	0.040±0.006
4	0.188±0.010	0.064±0.034	0.345±0.040	0.030±0.002

4.2 ORGANOCHLORINE PESTICIDES

Other than hexachlorobenzene and alpha- and beta-HCH, detectable organochlorine pesticides exhibited higher concentrations in the Hudson River Estuary (Site 4), than at the three Upper Hudson River sites. DDT, DDD, DDE, and dieldrin displayed increasing concentration gradients with distance away from the GE plant sites. The increased organochlorine pesticide concentrations at Site 4 in the Hudson River Estuary may be a result of that sample site receiving inputs from a much larger drainage area than Sites 1-3.

Table 6. DDT, DDD, and DDE concentrations (ng/g wet weight) from four sites along the Hudson River. Site 1=Remnant Area 4, Site 2=Special Area 13, Site 3=Saratoga National Historic Park, Site 4=Chelsea Marina.

	DDT	DDD	DDE
Site	ave+sd (ng/g)	ave+sd (ng/g)	ave+sd (ng/g)
1	0.696±0.063	0.664±0.092	6.534±0.311
2	0.690±0.051	0.390±0.048	5.884±0.183
3	0.688±0.330	0.417±0.131	6.774±0.488
4	1.670±0.743	1.286±0.482	65.516±50.601

4.3 PCBs

Total PCB concentration at a given sample site was related to distance from the GE plant sites. Adult aquatic insects sampled at Site 1, which is downstream of the Hudson Falls plant site and the former outfall for the Ft. Edward plant, showed relatively high PCB levels. PCB concentrations increased and reached the highest levels at Site 2. PCB concentrations at Site 3, which is approximately 23 miles downstream from the plant sites, show a decrease from Site 2, but are still relatively elevated. This pattern is similar to PCB concentrations in fish collected over the same stretch of river in 1999 (Sloan et al. 2002). Several factors may help explain why concentrations at Site 1, which is the closest site to the plant sites, are lower than concentrations at Sites 2 and 3, including source control and remediation of PCBs at the plant sites, differences in substrate between the three locations, and the hydraulics of the river at Site 1. For example, PCB concentrations in fish were higher at Remnant 3 than directly across the river at Remnant 4 (Site 1) suggesting that physical characteristics, such as flow, erosion, and deposition, play an important role in PCB concentrations in biota even over a relatively small spatial scale (Sloan et al. 2002). Site 4, located 130 miles downstream of the Hudson Falls plant and in the tidal Hudson River Estuary, had the lowest PCB concentrations in adult aquatic insects out of the four sample sites.

The distribution of PCB homologues can be a useful tool in interpreting whether PCBs detected at different sample sites are from the same source. PCB homologue distributions were all similar at the Upper Hudson River sites, suggesting a common source, presumably the GE plants at Hudson Falls and Ft. Edward. Site 4 exhibited a slightly different homologue distribution, potentially representing some contribution of PCB sources in addition to those from the GE plants and/or weathering of PCBs from the GE plants. The pattern of samples having greater proportions of higher chlorinated PCBs in the Hudson River Estuary versus the Upper Hudson River has also been observed in fish (Sloan et al. 2005).

Table 7. Total PCB concentrations (ng/g wet weight) from four sites along the Hudson River. Site 1=Remnant Area 4, Site 2=Special Area 13, Site 3=Saratoga National Historic Park, Site 4=Chelsea Marina.

	Total PCBs
Site	ave±sd (ng/g)
1	2143±302.8
2	5739±509.8
3	3481±446.9
4	264.8±21.66

5.0 SUMMARY AND CONCLUSION

This study collected and analyzed adult emergent aquatic insects composited in five sub-samples at each of four locations along the Hudson River, including three sites in the Upper Hudson River expected to be heavily influenced by PCB contamination from the GE plants at Hudson Falls and Ft. Edward and one site in the Hudson River Estuary at Chelsea, NY. Samples were analyzed for selected metals, organochlorine pesticides, and PCBs. The primary objective of this investigation was to collect data to help connect the contaminant pathway from sediments through insects emerging from the river into tree swallows and potentially other wildlife. The findings of this investigation are as follows:

- Selected metals (cadmium, chromium, mercury, lead) were detected in most samples, and with the exception of cadmium, which was highest in the estuary, concentrations of metals do not appear to be site dependent.
- Some of the selected organochlorine pesticides were detectable in some samples. Hexachlorobenzene and alpha- and beta-HCH were higher at the Upper Hudson River sites than in the Hudson River Estuary. Concentrations of other detectable organochlorines, most

notably dieldrin and DDT metabolites, were higher in the Hudson River Estuary than in the Upper Hudson River.

- Total PCB concentrations were related to sample site and proximity to the GE plant sites. PCB homologue distributions were similar for the three Upper Hudson sites and distinctively different for the site in the Hudson River Estuary. PCB concentrations in emergent adult aquatic insects demonstrate a pathway of PCBs from the sediment up into the food web to insects and into tree swallows, which rely on emerging insects from the Hudson River as a primary food source.

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FIGURES

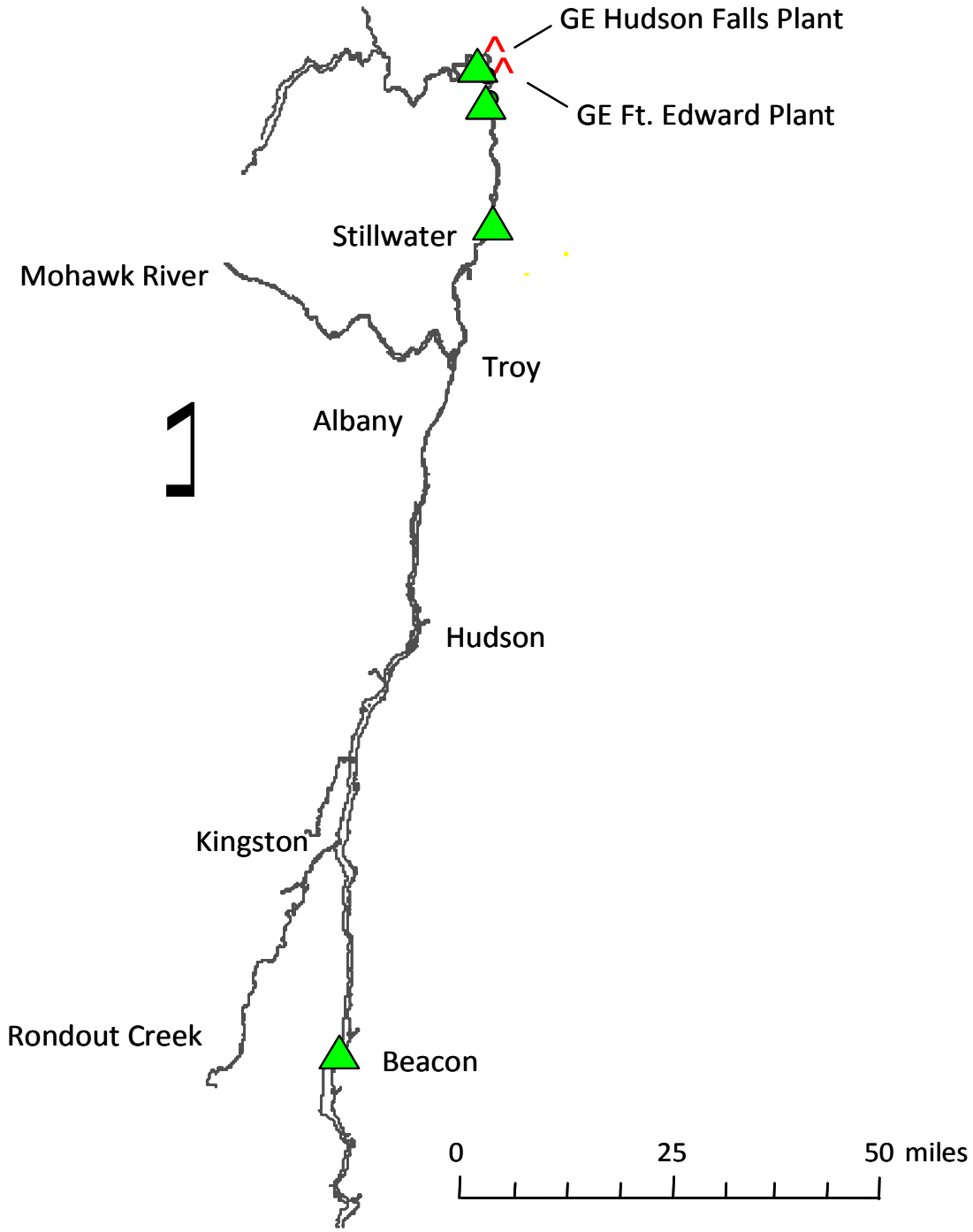

Figure 1. 1998 adult aquatic insect samples analyzed for metals, organochlorine pesticides, and PCBs along the Hudson River, NY. Green dots represent insect sampling locations.

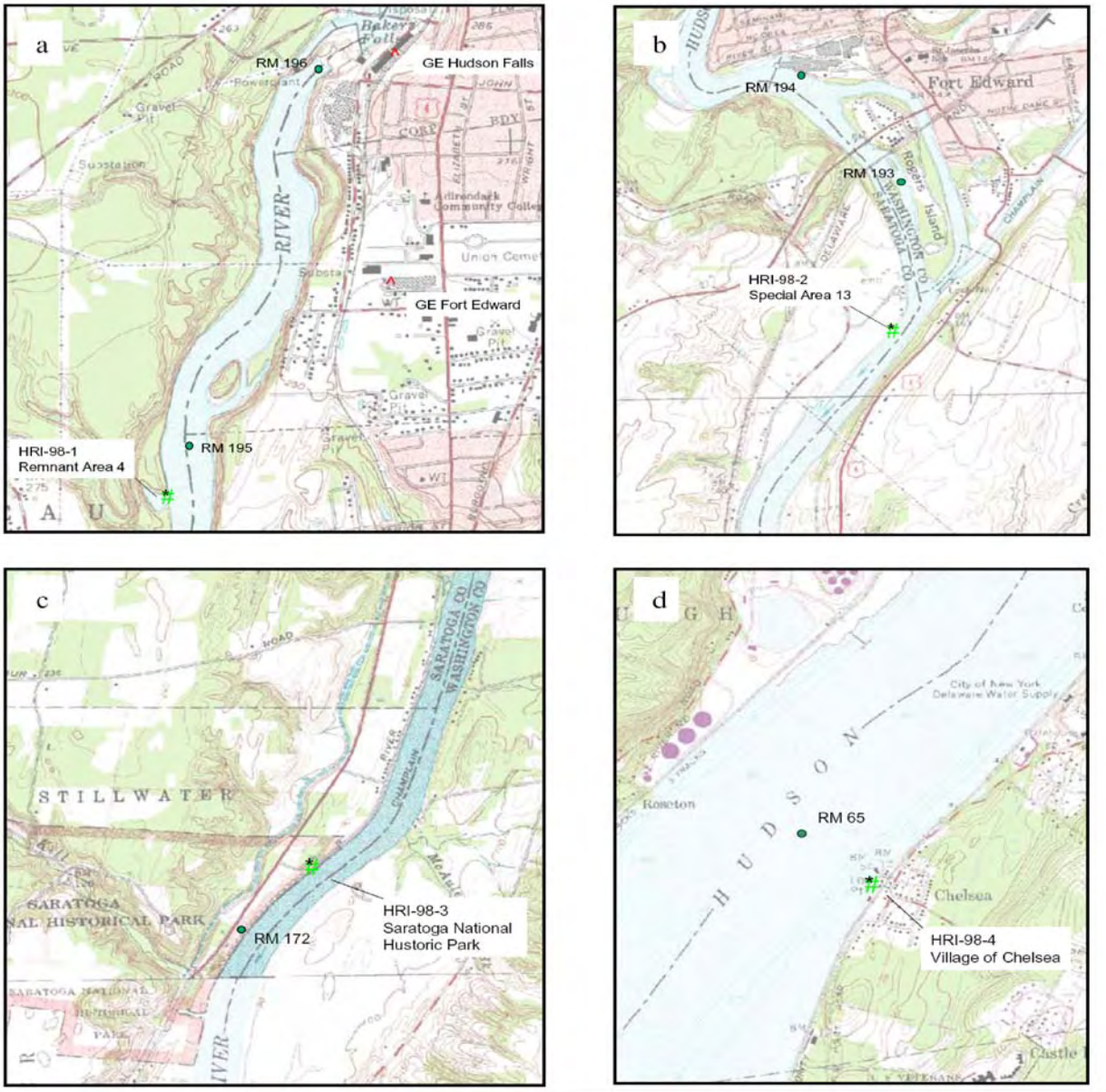

Figure 2. Adult aquatic insect sampling locations for samples a) HRI-98-1; Remnant Area 4, b) HRI-98-2; Special Area 13, c) HRI-98-3; Saratoga National Historic Park, and d) HRI-98-4; Village of Chelsea.

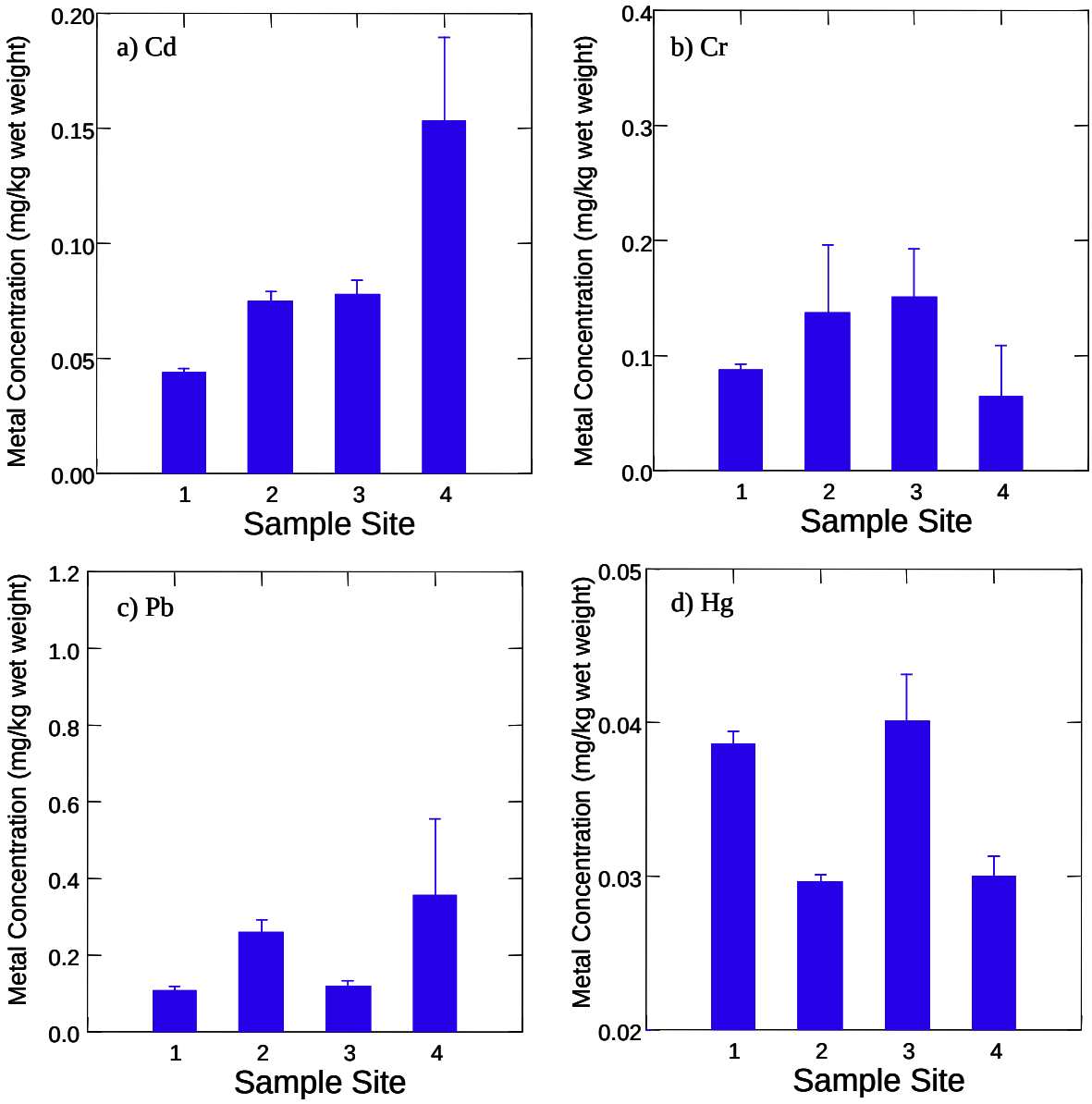

Figure 3. Concentration (ppm; mg/kg wet weight) of metals in adult aquatic insects from four sampling locations along the Hudson River, NY. Error bars represent standard error. Differing letters over the bars represent significant differences ($p<0.01$, ANOVA and Bonferoni pairwise analysis). Site 1 is Remnant Area 4, Site 2 is Special Area 13, Site 3 is Saratoga NHP, and Site 4 is Chelsea Marina.

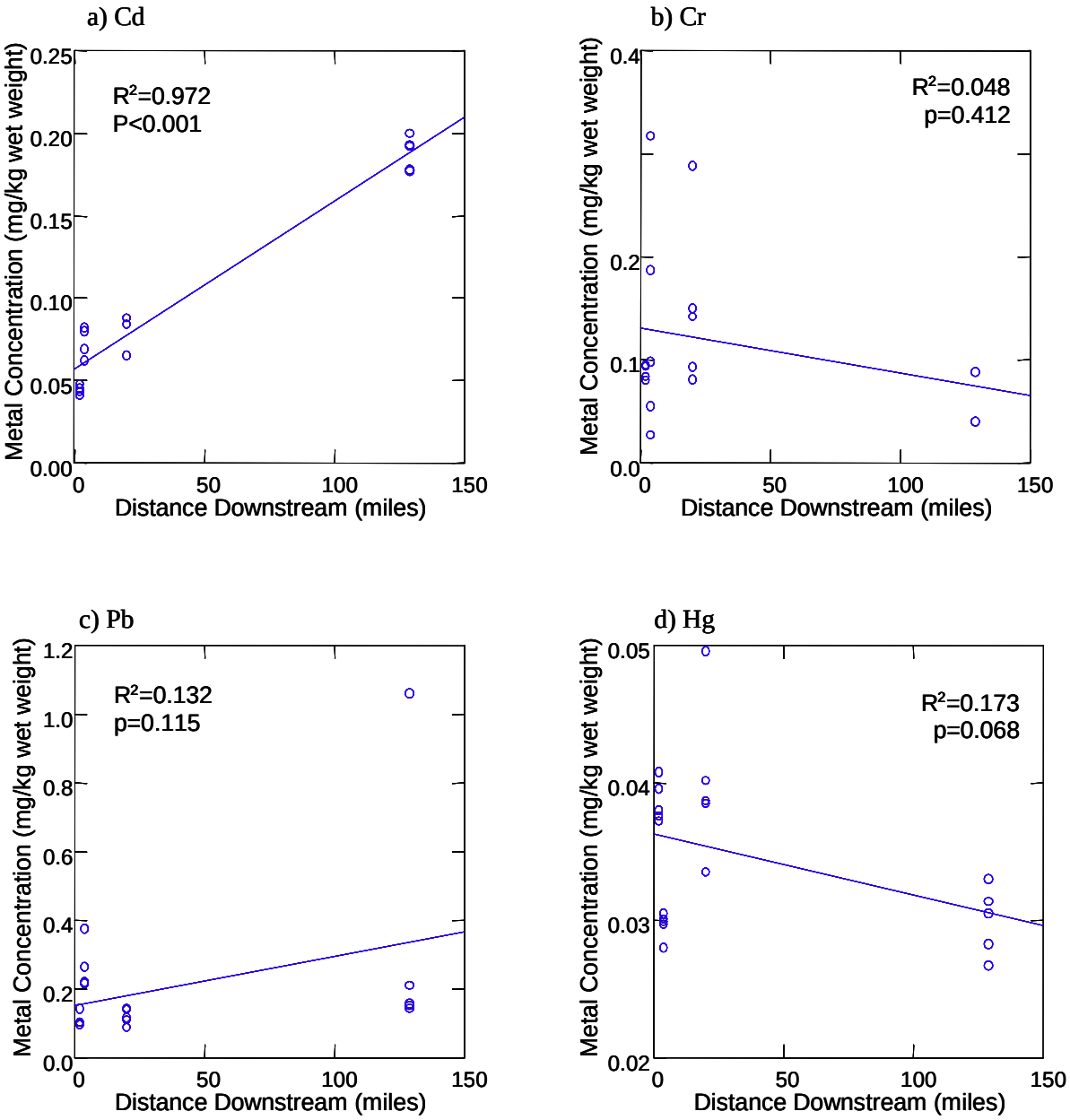

Figure 4. Distance downstream (miles) vs. metal concentrations (ppm = mg/kg wet weight) for adult aquatic insects along the Hudson River, NY.

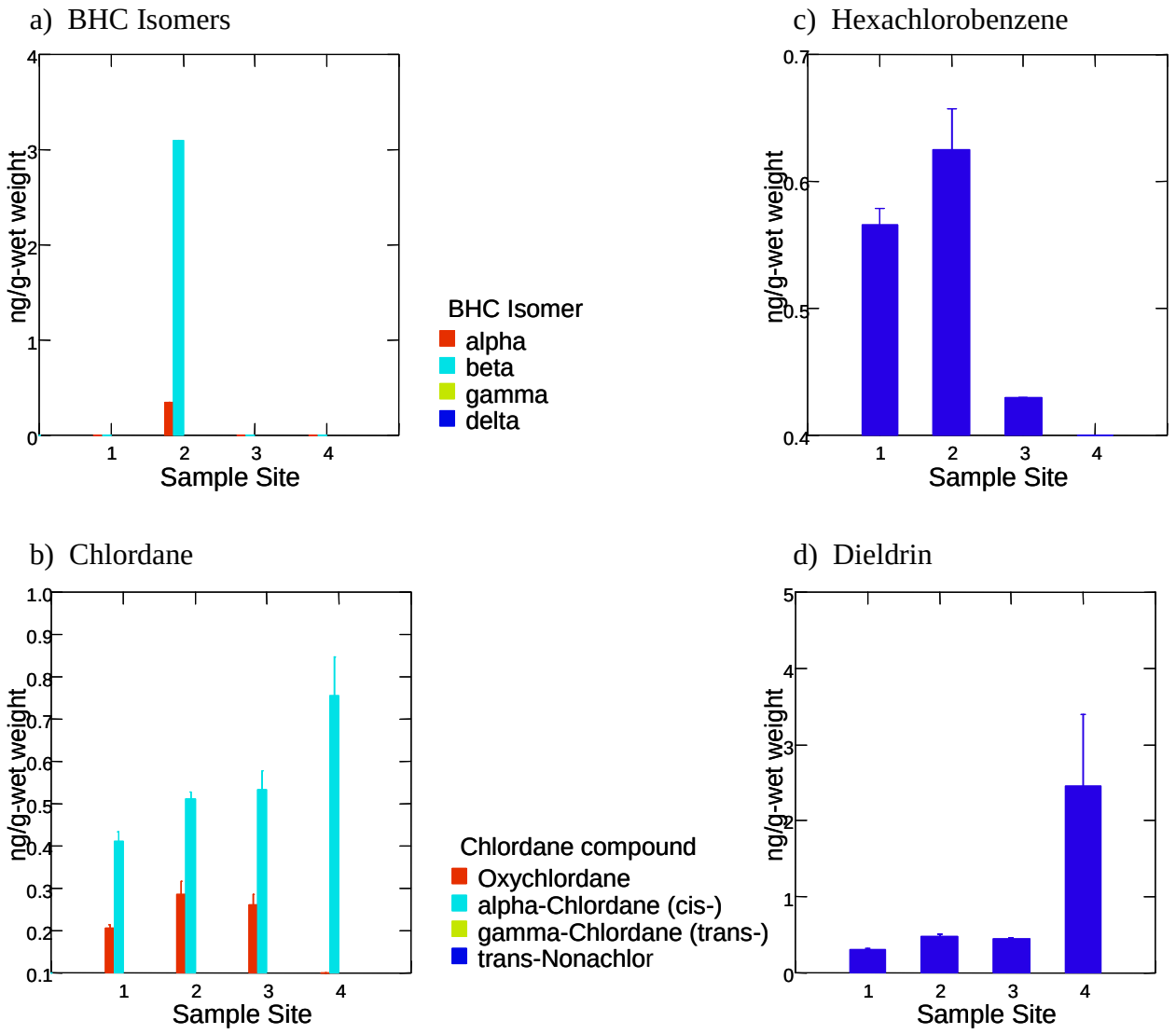

Figure 5. Concentration (ng/g wet weight) of organochlorine pesticides in adult aquatic insects from four sampling locations along the Hudson River, NY. Error bars represent standard error. Site 1 is Remnant Area 4, Site 2 is Special Area 13, Site 3 is Saratoga NHP, and Site 4 is Chelsea Marina.

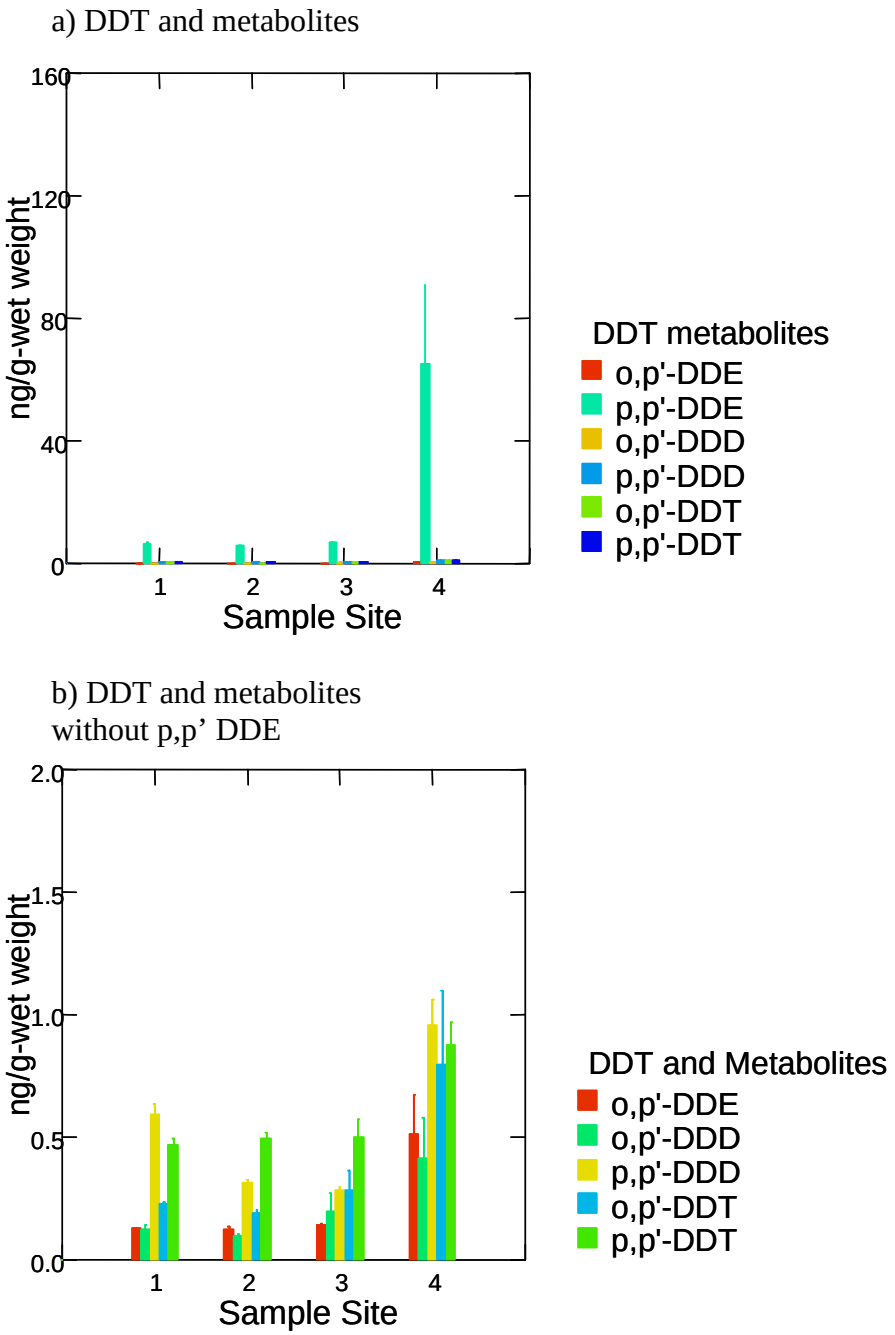

Figure 6. DDT and DDT metabolite concentrations (ng/g wet weight) in adult aquatic insects from four sampling locations along the Hudson River, NY. Error bars represent standard error. Site 1 is Remnant Area 4, Site 2 is Special Area 13, Site 3 is Saratoga NHP, and Site 4 is Chelsea Marina.

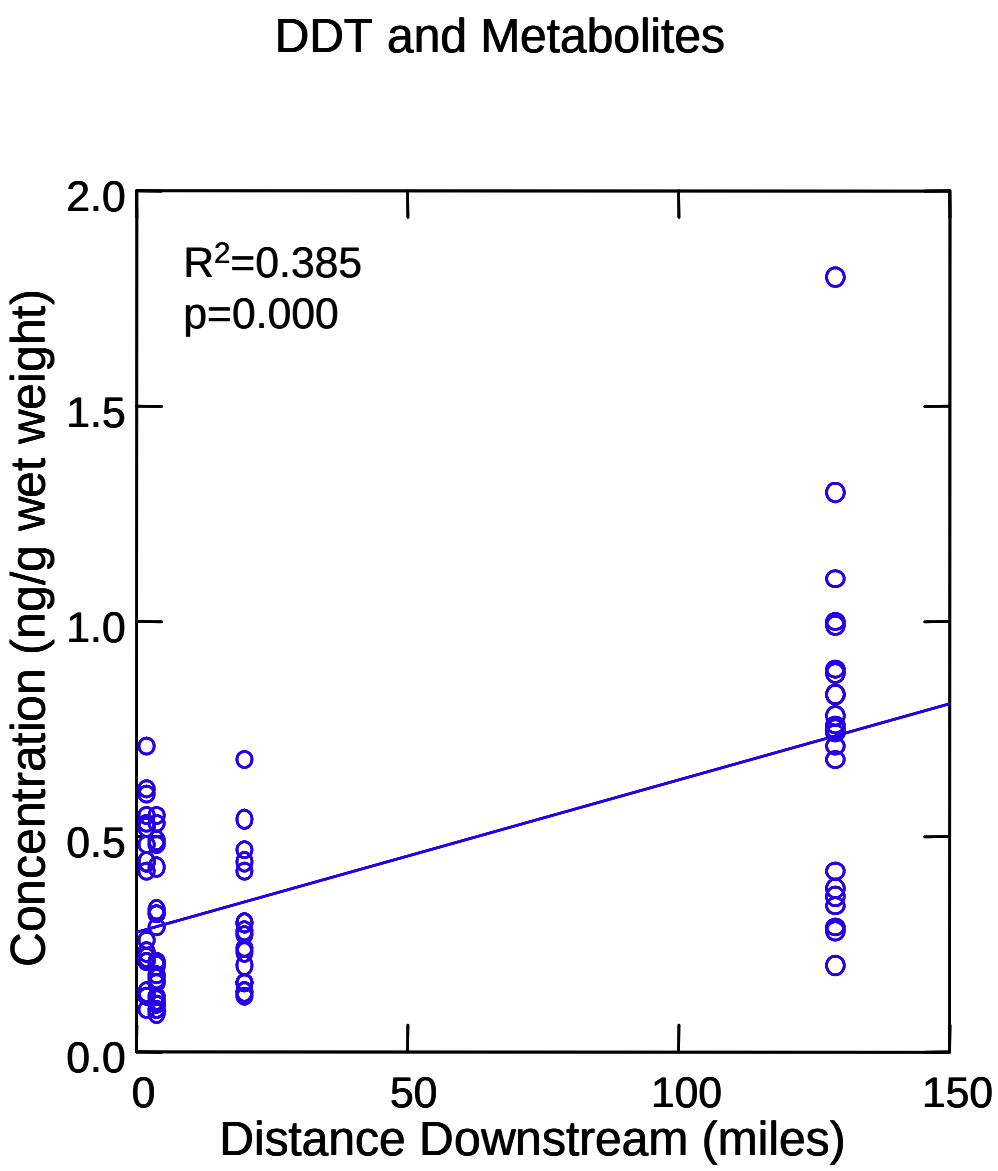

Figure 7. Distance downstream (miles) vs. DDT concentration (ppb = ng/g wet weight) for adult aquatic insects along the Hudson River, NY.

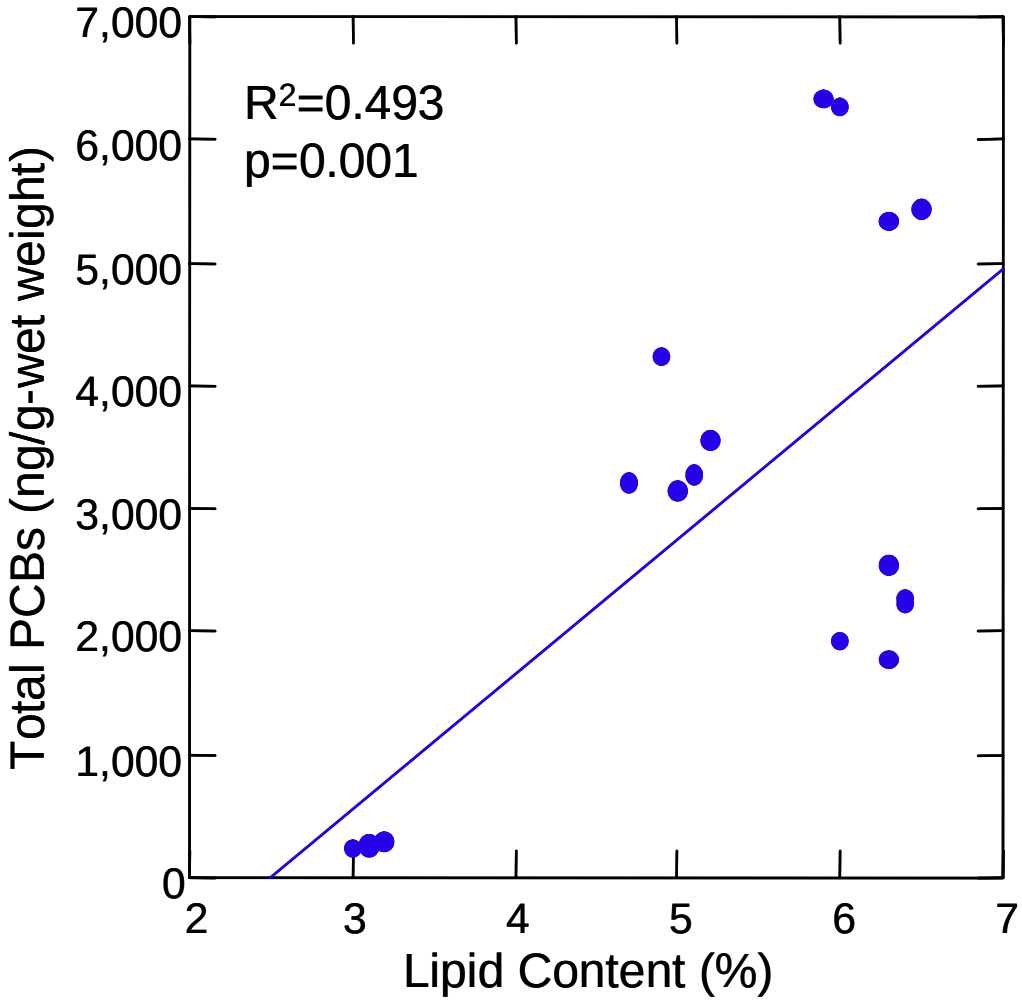

Figure 8. Adult aquatic insect lipid content (%) vs. PCB concentration (ppb = ng/g wet weight) for four sample locations along the Hudson River, NY.

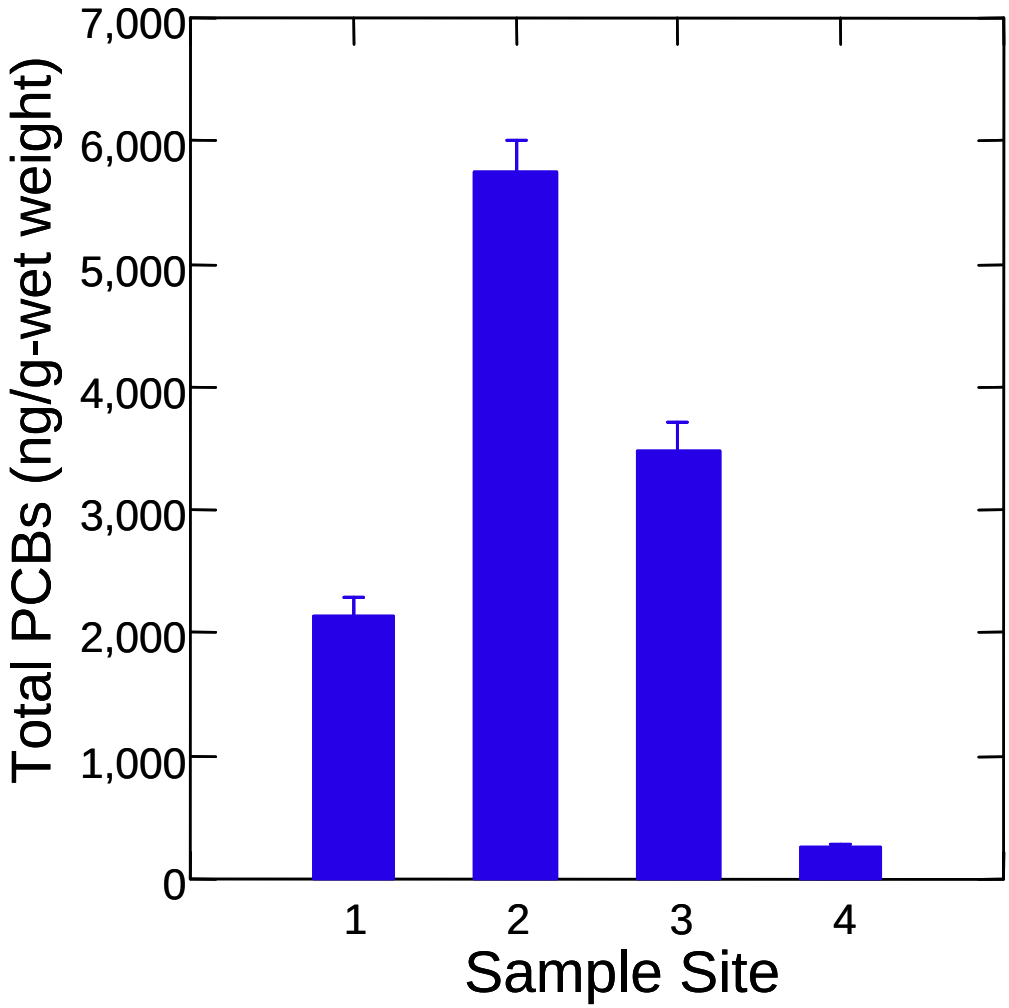

Figure 9. Total PCB concentrations (ng/g wet weight) in adult aquatic insects from four sampling locations along the Hudson River, NY. Error bars represent standard error. Site 1 is Remnant Area 4, Site 2 is Special Area 13, Site 3 is Saratoga NHP, and Site 4 is Chelsea Marina.

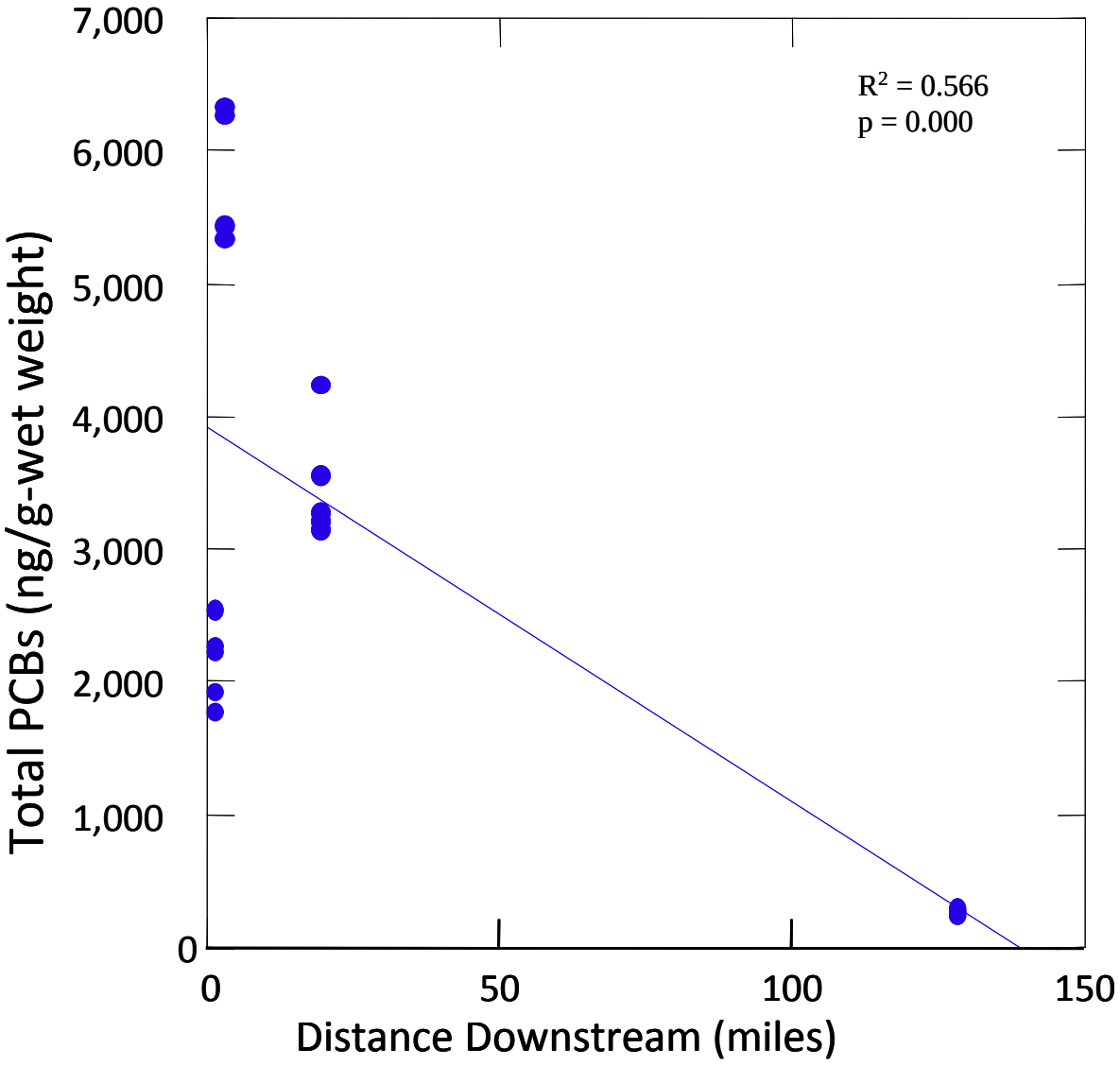

Figure 10. Distance downstream (miles) vs. Total PCB concentration (ng/g wet weight) for adult aquatic insects along the Hudson River, NY.

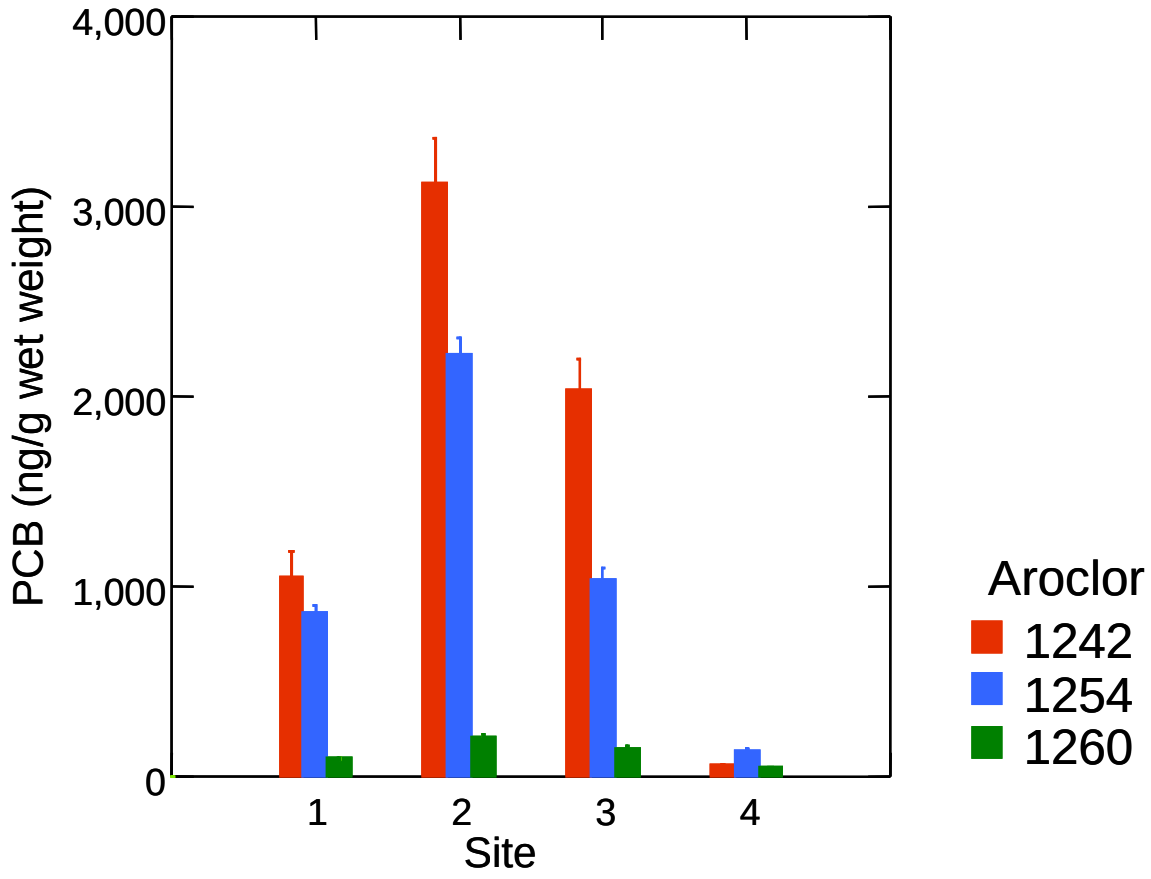

Figure 11. PCB Aroclor concentrations (ng/g wet weight) in adult aquatic insects from four sampling locations along the Hudson River, NY. Error bars represent standard error. Site 1 is Remnant Area 4, Site 2 is Special Area 13, Site 3 is Saratoga NHP, and Site 4 is Chelsea Marina.

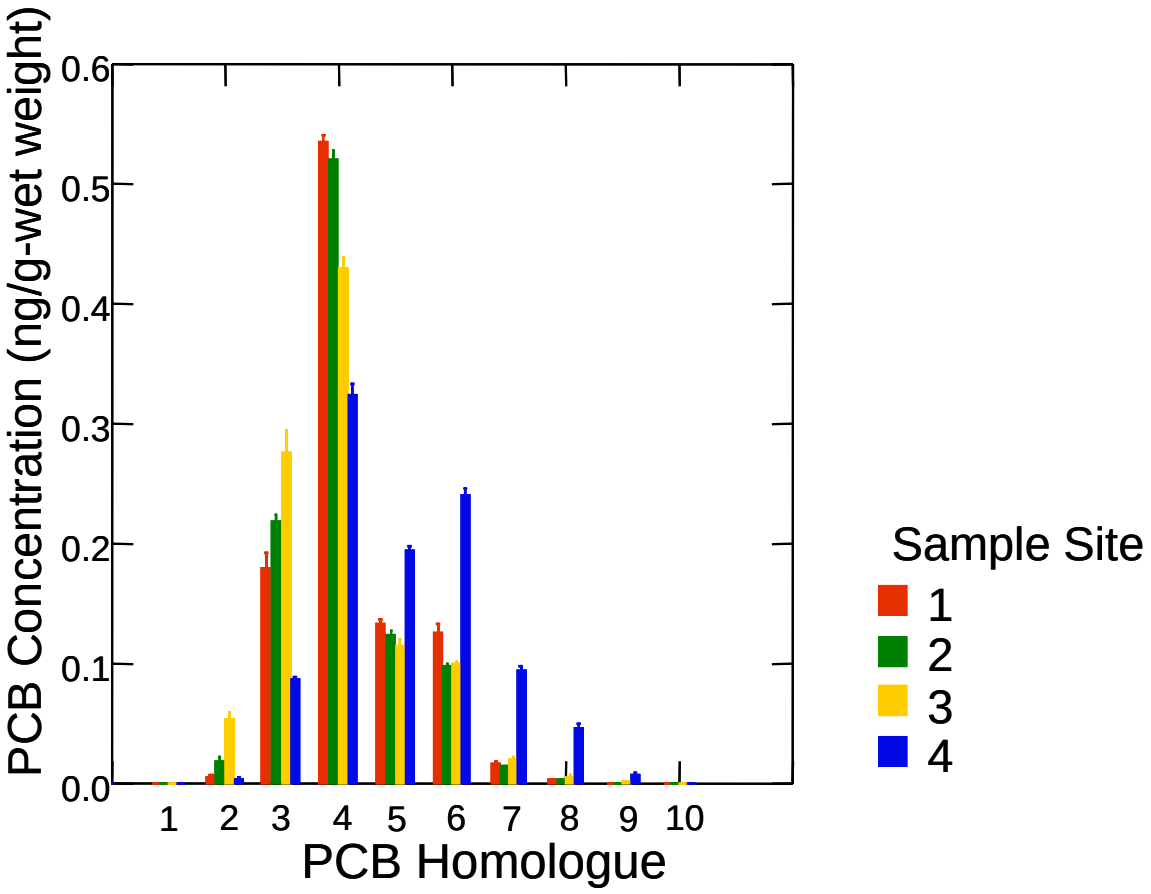

Figure 12. PCB homologue distribution in adult aquatic insects from four sampling locations along the Hudson River, NY. Error bars represent standard error. Site 1 is Remnant Area 4, Site 2 is Special Area 13, Site 3 is Saratoga NHP, and Site 4 is Chelsea Marina.

APPENDIX A

1998 ADULT AQUATIC INSECT

FIELD COLLECTION RECORD

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Organochlorine and Metal Contaminant Levels in Hudson River Aquatic Insects

FIELD COLLECTION RECORD

Sample Number: HRI-98-	**Date:** / / 98	**Time:**
Study Site Name:	**Collection Method**:	
Study Site Location: (also see attached topographic map)		
Habitat Description:		
Environmental Conditions: (air temperature, wind speed, cloud cover, phase of moon, etc.)		
Comments:		
Collector(s) name (please print):	**Signature**:	

APPENDIX B

1998 ADULT AQUATIC INSECT

SAMPLE PREPARATION RECORD

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Organochlorine and Metal Contaminant Levels in Hudson River Aquatic Insects

SAMPLE PREPARATION RECORD

Sample Number: **HRI-98-**	**Study Site Name:**
Total Wet Weight of Sorted Sample: **(to nearest 0.1 gram)**	
Date sample was sorted: **/ /1998**	**Sorted by(print name):** **Signature:**
Comments: (sample composition by taxa, approximate number of each taxa, relative contribution of each taxa by weight, etc.)	
Date Homogenized/Sub-sampled: **/ /1998**	
Prepared by (print name):	**Signature:**
Prepared by (print name):	**Signature:**

Wet-weight of Sub-samples (to nearest 0.01g)				
HRI- 98 - - A	**HRI- 98 - - B**	**HRI- 98 - - C**	**HRI- 98 - - D**	**HRI- 98 - - E**

APPENDIX C

1998 ADULT AQUATIC INSECT

CHAIN OF CUSTODY RECORD

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Organochlorine and Metal Contaminant Levels in Hudson River Aquatic Insects

CHAIN OF CUSTODY RECORD

The items identified below were collected by _____ from the Hudson River.

Sample Number/ Location Name	Town/ County	Collection Date(s)	Wet-weight of Sub-samples (to nearest 0.01 gram)					Sample preparer(s)
			A	B	C	D	E	
HRI-98-1 Remnant #4	Moreau/ Saratoga							
HRI-98-2 Special Area 13	Moreau/ Saratoga							
HRI-98-3 Saratoga Battlefield	Stillwater/ Saratoga							
HRI-98-4 Chelsea	Wappinger/ Dutchess							

Said items were in the custody of the persons listed below at all times until transferred by and hand delivered by those persons at times, dates and for purposes noted:

PRINCIPAL COLLECTOR (print name)	DATE & TIME	PURPOSE OF TRANSFER
SIGNATURE	UNIT	

FIRST RECIPIENT (print name)	DATE & TIME	PURPOSE OF TRANSFER
SIGNATURE	UNIT	

RECEIVED IN LABORATORY BY (print name)		DATE & TIME
SIGNATURE	UNIT	

LOGGED IN BY (print name)	DATE & TIME	ACCESSION NUMBERS:
SIGNATURE	UNIT	

APPENDIX D

1998 ADULT AQUATIC INSECT HISTORICAL DATA REVIEW

HISTORICAL DATA REVIEW

HUDSON RIVER NATURAL RESOURCE DAMAGE ASSESSMENT

Aquatic Insects

Prepared for:

State of New York
Department of Environmental Conservation
Hale Creek Field Station
182 Steele Avenue Extension
Gloversville, New York 12078

September 21, 2007

I. INTRODUCTION

This report documents the results of a quality assurance review of data from 20 aquatic insect samples collected in 1998 by the New York State Department of Environmental Conservation (NYSDEC) and analyzed in 1999. The aquatic insect samples were analyzed for metals, polychlorinated biphenyls (PCBs), organochlorine pesticide compounds, and percent lipids. The purpose of this review is to determine the comparability of the data quality of these samples to that of data generated under the current Analytical Quality Assurance Plan (QAP) for the Hudson River Natural Resource Damage Assessment (NRDA).

II. BASIS FOR THE DATA REVIEW

Review of the laboratory data packages, was based on method performance criteria and quality control (QC) criteria documented in the *Analytical Quality Assurance Plan (QAP) for the Hudson River Natural Resource Damage Assessment*, Version 2.0, September 1, 2005, USEPA *National Functional Guidelines for Organic Data Review* (2/99), and the laboratory standard operating procedures (SOPs) when available.

The samples were analyzed by Axys Analytical Services, Ltd., Sidney, British Columbia, Canada for PCBs, organochlorine pesticides, and percent lipids and by Frontier Geosciences, Seattle, Washington, for metals and percent moisture. The analytical results were submitted by the laboratory as hardcopy data packages. The following steps were taken to validate a package:

Sample results and related QC data were received as hardcopy data packages. All data received a full validation, where possible, with re-calculation of 10% of the sample results from the raw data.

The following QC elements were reviewed for all data packages:

- Chain of custody and sample handling
- Laboratory deliverables and documentation practices
- Initial and continuing calibration (from summary forms and raw data)
- Laboratory preparation blank contamination (from summary forms)
- Analytical accuracy (as appropriate to method): surrogate recovery, laboratory control samples (LCS), ongoing precision and recovery (OPR) samples, matrix spike (MS) samples, certified reference material (CRM) results (from summary forms and raw data)
- Analytical precision: laboratory replicate analyses (from summary forms and raw data).
- Analyte identifications and quantitations (from summary forms and raw data).

Laboratory QC samples were used to assess the effectiveness of homogenization procedures and to evaluate laboratory-derived contamination, instrument performance, and sample matrix effects. For the PCB/organochlorine pesticide analyses QC samples included: method blanks, OPR samples, and

laboratory duplicate samples. For the metal analyses QC samples included: method blanks, MS, laboratory duplicates, and CRMs.

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:

U **Not Detected:** Analysis was performed for the analyte, but it was not detected above the reported sample detection limit.

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

NJ **Estimated/Not confirmed**: The analyte was tentatively identified (by electron-capture detection using a single column), but not confirmed by a second column or analysis. The identification and the reported value may not be accurate or precise.

UJ **Estimated/Not detected**: Analysis was performed for the analyte, but it was not detected and the reported sample detection limit may be inaccurate or imprecise.

R **Rejected**: The associated sample result was rejected due to serious deficiencies in the analysis of the sample or a major QC outlier. The presence or absence of the rejected analyte cannot be verified.

In addition to data qualifiers, reason codes were assigned to each qualifier to assist in data interpretation, as follows:

3 Compound identification not confirmed

5A Initial Calibration

7 Laboratory Blank Contamination

9 Replicate Precision

10 Laboratory Control Sample Recoveries

13 Surrogate Spike Recoveries

14 Data validators professional judgment, an explanation will be included in the validation report

21 Potential False Positive

III. GENERAL COMMENTS

The data reviewed were from 1999, and thus the analysis predates the QAP for the Hudson River NRDA. The criteria specified in the QAP were used to evaluate the data when the necessary information was available. However, as is many times the case with historical data review, not all

information was available. The following QAP criteria for the PCB/organochlorine pesticide analysis could not be evaluated:

- No GC/MS performance checks ("tunes") were submitted
- No initial calibration (ICAL) data were submitted
- No MS samples were analyzed
- No reference materials (RM) were analyzed
- No breakdown checks for 4,4'-DDT or endrin were performed
- Internal standard for the electron capture detector (ECD) could not be evaluated

For the metals analysis the following QAP criteria could not be evaluated:

- The inductively coupled plasma – mass spectrometer (ICP-MS) tune data were not submitted

These missing items are minor findings, and in general the overall quality of the data can be considered acceptable for use. Data validation reports are provided for each analyte group reviewed in Section V of this report. These validation reports provide details regarding the items reviewed and reasons for any data qualification.

Results of the aquatic insect analysis were submitted in spreadsheet form by NYSDEC. One hundred percent (100%) of the data in the spreadsheet was compared to the raw data, and any errors or omissions were corrected. A spreadsheet containing the corrected and qualified data is submitted with this report.

The following changes were made to the spreadsheet:

- Units were added to all values, and adjusted to be consistent with the specifications for units in the Hudson Analytical QAP. Specifically, organics were reported as ng/g in wet weight; metals were reported as mg/kg in wet weight. (Note that the original spreadsheet had the metals reported in dry weight.)
- Significant figures were changed to match the hardcopy report.
- Dates sampled were added from the chains of custody (COC). When more than one date sampled was listed the earliest date was used.
- Laboratory IDs were added to the PCB/Pesticide samples.
- The PCB congeners were renamed to PCB-## from ##. For example, PCB6 was originally reported a "6" and this was changed to PCB-6.
- Non-detect (ND) results for endosulfan I, endosulfan II, endosulfan sulfate, endrin aldhehyde, endrin ketone, and methoxychlor were deleted from Samples HRI-98-01A, HRI-98-01B, HRI-98-01C, HRI-98-01D, HRI-98-01E, HRI-98-02A, HRI-98-02B, HRI-98-02C, HRI-98-02D,

and HRI-98-03A as these compounds were not reported for these samples in the hardcopy report from the laboratory.

- Standard procedure for handling blank results (per USEPA Functional Guidelines) is to establish an "action level" of 5 times the blank concentration, and any results less than the action level is qualified as "non-detected" at the reported concentration. Thus no organic results were "blank corrected". The results in the validated spreadsheet reflect the qualification of any values less than the "action level" as non-detected at the reported concentration.

IV. COMPLETENESS AND USABILITY

Of the 2,600 data points submitted by Axys Analytical, two results were not reported and 19 results were rejected (R), leaving 2,579 usable results, for a completeness of 99%. Of these usable results, 98 results were estimated (J), 162 results were qualified as not detected (U), and 80 results were qualified as tentatively identified and estimated (NJ). Some results were both estimated (J) and qualified as not detected (U), so the total number of qualified results is less than the sum of these three. Out of 2,579 usable results reported by Axys, a total of 331 (12.9%) data points were qualified.

Of the 80 data points submitted by Frontier Geosciences, 36 (45%) data points were estimated (J). None were rejected.

Overall, of the 2,680 data points submitted, 21 were rejected (R), leaving 2,659 usable data points. Of these, 367 (13.8%) were qualified. The overall quality of this data is acceptable and these results, as qualified, are considered usable.

V. DATA VALIDATION SUMMARIES

A. ORGANOCHLORINE PESTICIDES AND PCB CONGENERS

Samples were analyzed by Axys Analytical Services, Ltd. Sidney, British Columbia, Canada. Sample extracts were split into two aliquots for analysis. The low to moderately polar pesticides and the PCB congeners were analyzed by low resolution mass spectrometer (LRMS). The more polar pesticides were analyzed by electron-capture detector (ECD). Both fractions are discussed below.

1. Data Package Completeness

The laboratory submitted all required deliverables, with the exceptions noted in **Section 2** below. The laboratory followed adequate corrective action processes and all anomalies were discussed in the case narrative.

2. Technical Data Validation

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

	Sample Receipt	2	Ongoing Precision and Recovery (OPR)
1	GC/MS & GC/ECD Instrument Performance Checks	1	Reference Material (RM)
2	Initial Calibration (ICAL)	2	Laboratory Duplicate
1	Continuing Calibration (CCAL)	1	Internal Standards
2	Laboratory Blanks	2	Compound Identification
2	Surrogates/Labeled Compounds	1	Reporting Limits (MDL and MRL)
1	Matrix Spike (MS)	1	Calculation Verification

[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.***

GC/MS & GC/ECD Instrument Performance Checks

The laboratory did not analyze breakdown checks for p,p'-DDT or endrin. In addition, no GC/MS instrument performance checks ("tunes") were submitted. As all continuing calibration standards met the laboratory acceptance limits no qualifiers were assigned on this basis.

Initial Calibration (ICAL)

No initial calibrations (ICALs) were submitted. All samples were bracketed by continuing calibration (CCAL) standards and quantitation performed using the average relative response factor (RRF) of the opening and closing CCAL. Additionally, the standards used for the CCAL contained known concentrations of Aroclors 1242, 1254, and 1260, but the individual PCB congeners and their concentrations were not provided. Furthermore, examination of the raw data indicates that not all PCB congeners reported are present in the CCAL standards and the relative response factor (RRF) for select PCB congeners are used to establish the RRF for others. For example, it appears that PCB6 is not present in the CCAL but is reported as a target analyte, and it appears that PCB8/5 is used to establish the RRF for PCB4/10, PCB6, and PCB7/9. In 1999, when these samples were analyzed, this method for the quantitation of PCB congeners was not uncommon, thus no action was taken on this basis.

Photomirex was reported as not-detected in all samples. However, this compound is not present in the calibration standards or the ongoing precision and recovery (OPR) sample. As no information on the response of this compound was submitted all reporting limits were rejected (R-5A).

Continuing Calibration (CCAL)

The CCAL could not be evaluated by the criteria specified in the quality assurance plan (QAP) as no ICAL were submitted. In addition, in several cases the interval between CCAL analyses was greater than the QAP specified interval of 12 hours. All CCAL met the laboratory acceptance criteria , thus no data were qualified .

Laboratory Blanks

In order to assess the impact of laboratory blank contamination on the samples, action levels of five times the amount reported in the blank were established and the sample values were compared to these action levels. Any results below the action levels were qualified as not detected (U-7).

Positive values for p,p´-DDE and heptachlor epoxide were detected in laboratory blank CT-BLK 1563. Nine results for heptachlor epoxide were qualified as not detected (U-7) in the associated samples.

Positive values for hexachlorobenzene, p,p´-DDE, and endrin aldehyde were detected in laboratory blank CT-BLK 1564. Ten results each for hexachlorobenzene and endrin aldehyde were qualified as not detected (U-7) in the associated samples.

Surrogates/Labeled Compounds

The percent recovery (%R) values for ^{13}C-PCB101 in Sample HRI-98-2B AREA13 (at 140%) and for^{13}C-p,p'-DDE in Sample HRI-98-4C CHELSEA (at 140%) were greater than the upper control limit of 130% for pesticide surrogates. Positive results for compounds whose quantitation is associated with these labeled compounds were estimated (J-13) in these samples to indicate potential high bias. The %R value for ^{13}C-gamma-HCH was greater than the upper control limit in the laboratory blank CL-T-BLK 1564. Qualifiers are not assigned to QC samples.

Matrix Spike

No matrix spike (MS) was submitted with these samples. Accuracy was assessed from the OPR and precision was assessed from the laboratory duplicates.

Ongoing Precision and Recovery

The %R values for heptachlor (at 57%), aldrin (at 63%), oxychlordane (at 65%), trans-nonachlor (at 64%), mirex (at 66%), heptachlor epoxide (at 61%), and endrin (at 54%) were less than the lower control limit of 70% in the OPR CL-T-SPM 1199. Positive results and reporting limits for these compounds were estimated (J/UJ-10) in the associated samples to indicate a potential low bias.

The %R values for endrin (at 69%) and methoxychlor (at 60%) were less than the lower control limit of 70% in the OPR CL-T-SPM 1200. Positive results and reporting limits for these compounds were estimated (J/UJ-10) in the associated samples to indicate a potential low bias.

Reference Material

No reference material (RM) was submitted with these samples. Accuracy was assessed from the OPR sample.

Laboratory Duplicate

Two laboratory duplicates were submitted. The measurement quality objective (MQO) for laboratory duplicates is that relative percent difference (RPD) values be less than 30% for concentrations greater than five times (5x) the method detection limit (MDL). For concentrations less than 5x the MDL, the absolute difference between the sample result and the replicate result must be less than 2x the MDL.

All RPD values and absolute differences were acceptable for Sample HRI-98-1E (Remnant #4) and its duplicate.

The RPD values for PCB7/9 (at 38%), PCB8/5 (at 35%), and PCB18 (at 38%) were greater than the MQO for Sample HRI-98-2E AREA 13 and its duplicate. The results for these compounds were estimated (J-9) in the parent sample.

Internal Standards

The laboratory did not submit summaries of the internal standard areas. When possible the internal standard areas were evaluated from the raw data. The internal standard areas for several LRMS dilution analyses could not be evaluated as the raw data for the associated CCAL were not submitted. As the internal standard areas for all undiluted analyses were acceptable no action was taken on this basis.

The internal standard areas for the ECD analyses could not be evaluated as the internal standard concentration in the CCAL was obviously different from that of the samples. The concentrations were not labeled so no accurate comparison could be made. The sample internal standard areas for all ECD analyses were consistent with one another, thus no action was taken on this basis.

Compound Identification

The results for all pesticides analyzed by ECD were reported from one column only, no confirmation was performed. Positive results from the ECD were qualified as tentatively identified and estimated (NJ-3).

The laboratory assigned a NDR flag to some LRMS results to indicate the ion abundance ratio criteria were not met. These results were qualified as not detected (U-21).

The laboratory did not provide any information to confirm the Aroclor identifications. Furthermore, the case narrative states that when no Aroclor patterns are identified the laboratory reports values for Aroclors 1242, 1254, and 1260 as a default. All samples are reported with results for Aroclors 1242, 1254, and 1260 and there is no indication that these Aroclors were identified. All positive Aroclor results were qualified as estimated and tentatively identified (NJ-14).

Reporting Limits (Method Detection Limit and Method Reporting Limit)

Most results were reported to two significant figures, while some results less than one were reported to one significant figure. The QAP specifies that all results be reported to three significant figures. No action was taken on this basis.

All PCB congeners listed in the QAP were reported. However, results for the PCB homologue groups were not reported. Cis-nonachlor, chlordane, and toxaphene were not reported for any sample. Endosulphan I, endosulphan II, endosulphan sulfate, endrin aldehyde, endrin ketone, and methoxychlor were not reported for ten of the samples. Results for mirex, photomirex, delta-BHC, and Aroclors 1242, 1248, 1254, and 1260, which are not on the analyte list in the QAP, were reported for all samples.

The result for PCB 24/27 in Sample HRI-98-3B SARATOGA was greater than the linear range of the instrument in the initial analysis. The laboratory flagged the data OLR to indicate that the result for PCB24/27 would be reported from a dilution analysis. The dilution analysis was performed; however no result for PCB24/27 was reported. The result for photomirex in this same sample was flagged NQ, "not quantifiable", in the initial analysis. Photomirex was not reported from the dilution analysis. Thus, there are no reported results for photomirex nor for PCB24/27 for Sample HRI-98-3B SARATOGA. These compounds were rejected (R-14) in this sample to indicate that the data are not usable.

Calculation Verification

Several transcription errors were noted during this review on the CCAL summary forms. Where applicable, results for the compounds with transcription errors were recalculated in samples associated with the CCALs to ensure that the results were unaffected.

Insufficient information to re-calculate the CCALs was provided; standard concentrations were not labeled and the raw data for four of the eight LRMS CCALs were not provided. The laboratory was contacted and the standard concentrations were provided. However, for one of the four LRMS CCALs with raw data present, the calculations could not be duplicated because the recalculated relative response factors did not match. As the differences in relative response differences were minor and the calculations for the other three CCALs were duplicated, no action was taken on this basis.

The calculations for all eight ECD CCALs could not be duplicated. However, in all cases the differences between the reported and calculated results were consistent (calculated results were 1.1 times greater than reported). This discrepancy was possibly due to a non-documented factor. These data points were already qualified for other reasons, so no further qualification was required.

3. Overall Assessment

As was determined by this evaluation, accuracy was acceptable, as demonstrated by the surrogate or labeled compound and OPR %R, with the exceptions noted above. Precision was acceptable as demonstrated by the RPD values for the laboratory duplicates, with the exceptions noted above.

Data were estimated (J) due to laboratory duplicate precision outliers, and due to labeled compound and OPR recovery outliers. Data were qualified as tentatively identified and estimated (NJ) due to the lack of confirmation analysis. Data were qualified as not detected (U) due to ion ratio criteria outliers and contamination from the associated laboratory blanks.

Data were rejected due to lack of calibration standards and missing results for dilution analysis. Rejected data should not be used for any purpose. All other data, as qualified, are acceptable for use.

B. METALS

This report documents the review of analytical data from the analysis of aquatic invertebrate tissue samples and the associated laboratory quality control (QC) samples. The samples were analyzed by Frontier Geosciences Inc., Seattle, Washington, using inductively coupled plasma mass spectrometry (ICP-MS) for chromium, cadmium, and lead determinations, and cold vapor atomic fluorescence spectrometry (CVAFS) for mercury determinations.

1. Data Package Completeness

The laboratory submitted all required deliverables, with the exception noted in **Section 2** below. The laboratory followed adequate corrective action processes and all anomalies were discussed in the case narrative.

2. Technical Data Validation

The QC requirements that were reviewed are listed below.

1	Sample Receipt		Matrix Spikes/Matrix Spike Duplicates (MS/MSD)
	Initial Calibration (ICAL)		Laboratory Duplicates
	Continuing Calibration Verification (CCV)		Internal Standards
1	Blanks (Instrument and Method)	2	Compound Quantitation and Reporting Limits
1	Certified Reference Materials (CRM)	1	Calculation Verification
	Blank Spikes		

[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.***

Sample Receipt

No chains of custody (COC) were included in the data package. No action was taken on this basis.

Blanks (Instrument and Method)

The mean blank concentrations were all less than the estimated method detection limit (EMDL), with the exception of lead. All sample lead results were greater than the action level of five times the mean blank concentration and no qualifiers were required.

Certified Reference Materials

National Research Council of Canada (NRCC) certified reference material (CRM) DOLT-2 (dogfish liver) was analyzed with these samples. All recovery values were within the acceptance limits with the exception of chromium (63.4% recovery). The chromium value for this CRM is not certified and is for informational purposes only; therefore, no data was qualified on this basis.

Compound Quantitation and Reporting Limits

The laboratory blank-corrected all analytical results. The instrument concentration was corrected for the average of four instrument blanks analyzed prior to the samples. The final sample concentration was then corrected for the average of four preparation blanks. This was deemed acceptable.

A stainless steel blender was used to homogenize the samples. For this reason positive results for chromium were estimated (J-14).

Calculation Verification

All sample results were recalculated from the raw data. The calculated mercury values did not match the reported values. In all cases the reported value was lower than the reported value and the differences between the two values were less than 10%. Data were qualified and estimated (J-14) on this basis, as the data user should be aware of the potential for a low bias in the mercury results.

3. Overall Assessment

As determined by this evaluation, the laboratory followed the specified methods. Laboratory accuracy was acceptable as demonstrated by the matrix spike/matrix spike duplicate (MS/MSD) and CRM recovery results. Laboratory precision was also acceptable as demonstrated by the laboratory duplicate and MS/MSD relative percent difference values.

Data were estimated due to the use of a stainless steel blender and the inability to recalculate mercury results.

All data, as qualified, are acceptable for use.

APPENDIX E

1998 ADULT AQUATIC INSECT DATA SHEETS

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	% Lipids	6.0				Percent
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	Hexachlorobenzene	0.58			0.12	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	alpha HCH	ND	U		0.61	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	beta HCH	ND	U		0.81	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	gamma HCH	3.1	U	21	0.61	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	delta HCH	ND	U		0.61	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	Heptachlor	ND	UJ	10	1.2	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	Aldrin	ND	UJ	10	0.31	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	Oxychlordane	ND	UJ	10	1.6	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	gamma-Chlordane (trans-)	ND	U		0.22	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	alpha-Chlordane (cis-)	0.21			0.2	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	o,p'-DDE	0.13			0.05	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	p,p'-DDE	6.7			0.07	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	trans-Nonachlor	0.40	J	10	0.10	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	o,p'-DDD	0.14			0.08	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	p,p'-DDD	0.61			0.09	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	o,p'-DDT	0.26			0.11	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	p,p'-DDT	0.53			0.13	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	Mirex	ND	UJ	10	0.12	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	Photomirex		R	5A		
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	Heptachlor Epoxide	0.15	UJ	7,10	0.12	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	Dieldrin	0.3	NJ	3	0.11	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	Endrin	ND	UJ	10	0.2	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	Aroclor 1242	780	NJ	14	1.3	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	Aroclor 1248	ND	U		1.3	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	Aroclor 1254	830	NJ	14	1.5	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	Aroclor 1260	94	NJ	14	2.3	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-6	0.24			0.04	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-4/10	1.0			0.06	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-7/9	0.28			0.06	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-8/5	1.4			0.06	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-15	6.6			0.09	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-19	2.4			0.09	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-18	15			0.09	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-17	8.8			0.09	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-24/27	2.3			0.09	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-16/32	11			0.09	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-26	9.8			0.08	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-25	3.4			0.08	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-31/28	190			0.08	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-33 /20	15			0.08	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-22	7.7			0.08	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-37	31			0.08	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-53	8.3			0.1	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-45	3.3			0.1	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-46	1.5			0.1	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-52	82			0.1	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-49	96			0.13	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-47/48	86			0.13	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-44	56			0.12	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-42	34			0.12	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-41/71/64	77			0.12	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-40	2.3			0.14	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-74 /61	140			0.14	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-70/76	210			0.14	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-66 /80	160			0.08	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-81	3.1			0.08	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-56/60	69			0.08	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-77	13	U	21	0.08	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-95	19			0.04	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-119	1.3			0.04	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-91	5.9			0.04	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-84	4.3			0.04	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-90/101/89	47			0.04	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-99	31			0.04	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-83	2.4			0.06	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-97 /86	20			0.06	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-87	31			0.06	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-85	24			0.06	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-110	71			0.06	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-82	4.6			0.04	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-107	4.2			0.04	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-114	2.1			0.04	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-126	2.7			0.04	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-136	2.2			0.09	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-151	3.1			0.09	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-144/135	3.3			0.09	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-149	20			0.09	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-134 /143	0.95			0.09	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-131	0.31			0.09	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-146	3.5			0.06	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-118	72			0.04	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-123	2.3			0.04	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-105	36			0.04	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-153	37			0.08	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-132/168	9.7			0.13	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-141	5.7			0.13	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-130	2.2			0.10	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-137	2.3			0.10	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-138	47			0.10	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-158	5.3			0.10	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-129	1.4			0.10	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-128	8.5			0.13	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-167	1.7			0.10	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-156	6.6			0.15	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-157	1.6			0.15	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-169	ND	U		0.10	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-184	0.74	U	21	0.12	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-179	1.0			0.12	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-176	0.37			0.12	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-178	1.1			0.12	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-175	0.23			0.12	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-187/182	5.5			0.12	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-183	2.7			0.15	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-185	0.36			0.15	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-174 /181	3.0			0.15	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-177	2.2			0.15	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-171	1.1			0.16	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-172	0.69			0.14	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-180	11			0.14	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-193	0.58			0.14	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-191	0.25			0.14	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-170 /190	5.6			0.2	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-189	0.29			0.2	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-201 (BZ#200)	0.26			0.23	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-197	ND	U		0.41	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-200 (BZ#199)	ND	U		0.41	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-198	ND	U		0.41	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-199 (BZ#201)	2.0			0.41	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-196/203	1.9			0.38	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-195	0.5			0.38	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-194	1.9			0.51	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-205	ND	U		0.51	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-208	ND	U		0.31	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-207	ND	U		0.31	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-206	0.39			0.31	ng/g-wet weight
6/10/98	HRI-98-01A (Remnant #4)	L3172-1	PCB-209	ND	U		0.19	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	% Lipids	6.3				Percent
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	Hexachlorobenzene	0.53			0.09	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	alpha HCH	ND	U		0.73	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	beta HCH	ND	U		0.97	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	gamma HCH	3.4	U	21	0.73	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	delta HCH	ND	U		0.73	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	Heptachlor	ND	UJ	10	1.8	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	Aldrin	ND	UJ	10	0.36	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	Oxychlordane	ND	UJ	10	2.3	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	gamma-Chlordane (trans-)	ND	U		0.26	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	alpha-Chlordane (cis-)	ND	U		0.23	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	o,p'-DDE	0.19	U	21	0.17	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	p,p'-DDE	6.37			0.22	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	trans-Nonachlor	0.47	J	10	0.10	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	o,p'-DDD	0.13			0.08	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	p,p'-DDD	0.60			0.09	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	o,p'-DDT	0.21			0.16	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	p,p'-DDT	0.52			0.19	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	Mirex	ND	UJ	10	0.19	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	Photomirex		R	5A		
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	Heptachlor Epoxide	0.34	UJ	7,10	0.08	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	Dieldrin	0.34	NJ	3	0.07	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	Endrin	ND	UJ	10	0.13	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	Aroclor 1242	1400	NJ	14	2.6	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	Aroclor 1248	ND	U		2.6	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	Aroclor 1254	970	NJ	14	4.0	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	Aroclor 1260	97	NJ	14	2.1	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-6	0.17			0.04	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-4/10	0.93			0.04	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-7/9	0.31			0.04	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-8/5	0.79			0.04	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-15	10			0.06	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-19	3.4			0.17	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-18	36			0.17	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-17	18			0.17	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-24/27	3.8			0.17	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-16/32	20			0.17	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-26	18			0.15	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-25	5.8			0.15	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-31/28	320			0.15	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-33 /20	30			0.15	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-22	11			0.15	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-37	50			0.15	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-53	15			0.22	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-45	6.2			0.22	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-46	3.1			0.22	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-52	120			0.22	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-49	140			0.28	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-47/48	110			0.28	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-44	89			0.26	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-42	51			0.26	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-41/71/64	120			0.26	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-40	2.7			0.3	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-74 /61	170			0.3	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-70/76	270			0.3	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-66 /80	180			0.18	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-81	4.0			0.18	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-56/60	82			0.18	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-77	17	U	21	0.18	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-95	24			0.1	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-119	1.5			0.1	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-91	7.2			0.1	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-84	5.9			0.1	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-90/101/89	52			0.1	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-99	34			0.1	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-83	3.1			0.16	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-97 /86	24			0.16	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-87	38			0.16	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-85	27			0.16	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-110	82			0.16	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-82	5.2			0.1	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-107	4.4			0.1	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-114	2.3			0.1	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-126	3.0			0.09	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-136	2.6			0.19	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-151	3.6			0.19	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-144/135	3.7			0.19	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-149	22			0.19	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-134 /143	1.1			0.19	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-131	0.44			0.19	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-146	3.5			0.12	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-118	76			0.10	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-123	2.7			0.10	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-105	38			0.1	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-153	38			0.14	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-132/168	11			0.22	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-141	5.9			0.22	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-130	2.4			0.17	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-137	2.3			0.17	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-138	49			0.17	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-158	5.6			0.17	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-129	1.5			0.17	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-128	9.0			0.24	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-167	1.7			0.17	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-156	6.7			0.26	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-157	1.6			0.26	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-169	ND	U		0.17	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-184	0.78	U	21	0.12	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-179	1.1			0.12	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-176	0.43			0.12	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-178	1.1			0.12	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-175	0.26			0.12	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-187/182	5.5			0.12	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-183	2.8			0.14	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-185	0.41			0.14	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-174 /181	3.0			0.14	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-177	2.3			0.14	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-171	1.2			0.15	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-172	0.72			0.13	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-180	11			0.13	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-193	0.58			0.13	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-191	0.21			0.13	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-170 /190	5.9			0.18	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-189	0.33			0.18	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-201 (BZ#200)	0.24			0.15	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-197	ND	U		0.26	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-200 (BZ#199)	ND	U		0.26	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-198	ND	U		0.26	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-199 (BZ#201)	2.2			0.26	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-196/203	2.1			0.24	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-195	0.45			0.24	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-194	2.0			0.32	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-205	ND	U		0.32	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-208	ND	U		0.25	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-207	ND	U		0.25	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-206	0.4			0.25	ng/g-wet weight
6/10/98	HRI-98-01B (Remnant #4)	L3172-2	PCB-209	ND	U		0.14	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	% Lipids	6.4				Percent
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	Hexachlorobenzene	0.59			0.14	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	alpha HCH	ND	U		0.72	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	beta HCH	ND	U		0.96	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	gamma HCH	3.8	U	21	0.72	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	delta HCH	ND	U		0.72	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	Heptachlor	ND	UJ	10	1.8	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	Aldrin	ND	UJ	10	0.26	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	Oxychlordane	ND	UJ	10	2.1	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	gamma-Chlordane (trans-)	ND	U		0.25	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	alpha-Chlordane (cis-)	ND	U		0.22	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	o,p'-DDE	ND	U		0.24	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	p,p'-DDE	6.2			0.31	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	trans-Nonachlor	0.34	J	10	0.14	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	o,p'-DDD	ND	U		0.14	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	p,p'-DDD	0.71			0.15	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	o,p'-DDT	0.21			0.21	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	p,p'-DDT	0.44			0.25	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	Mirex	ND	UJ	10	0.23	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	Photomirex		R	5A		
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	Heptachlor Epoxide	ND	UJ	10	0.17	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	Dieldrin	0.32	NJ	3	0.15	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	Endrin	ND	UJ	10	0.36	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	Aroclor 1242	1200	NJ	14	3.1	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	Aroclor 1248	ND	U		3.1	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	Aroclor 1254	820	NJ	14	13	ng/g-wet weight

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SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	Aroclor 1260	85	NJ	14	5.8	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-6	0.28			0.07	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-4/10	2.1			0.07	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-7/9	0.8			0.07	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-8/5	3.3			0.07	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-15	13			0.12	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-19	4.8			0.21	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-18	37			0.21	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-17	17			0.21	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-24/27	4.2			0.21	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-16/32	19			0.21	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-26	17			0.18	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-25	5.2			0.18	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-31/28	260			0.18	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-33 /20	30			0.18	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-22	10			0.18	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-37	49			0.18	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-53	13			0.25	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-45	5.3			0.25	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-46	2.6			0.25	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-52	100			0.25	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-49	100			0.31	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-47/48	81			0.31	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-44	71			0.29	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-42	40			0.29	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-41/71/64	92			0.29	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-40	2.8			0.34	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-74 /61	150			0.34	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-70/76	260			0.34	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-66 /80	170			0.2	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-81	4.1			0.2	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-56/60	84			0.2	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-77	19	U	21	0.2	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-95	22			0.33	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-119	1.3			0.33	ng/g-wet weight

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SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-91	6.9			0.33	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-84	5.7			0.33	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-90/101/89	46			0.33	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-99	26			0.33	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-83	2.8			0.53	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-97 /86	21			0.53	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-87	36			0.53	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-85	23			0.53	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-110	76			0.53	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-82	5.5			0.33	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-107	4.9			0.33	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-114	2.5			0.33	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-126	2.9			0.3	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-136	2.9			0.25	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-151	3.1			0.25	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-144/135	3.5			0.25	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-149	19			0.25	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-134 /143	1.0			0.25	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-131	0.48			0.25	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-146	3.7			0.16	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-118	69			0.31	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-123	2.5			0.31	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-105	34			0.26	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-153	30			0.17	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-132/168	8.7			0.27	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-141	5.4			0.27	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-130	2.0			0.21	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-137	1.9			0.21	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-138	39			0.21	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-158	4.2			0.21	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-129	1.5			0.21	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-128	8.3			0.29	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-167	1.8			0.21	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-156	7.1			0.31	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-157	1.7			0.31	ng/g-wet weight

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SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-169	ND	U		0.21	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-184	0.47	U	21	0.31	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-179	0.93			0.31	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-176	0.32			0.31	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-178	0.76			0.31	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-175	ND	U		0.31	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-187/182	3.9			0.31	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-183	2.0			0.36	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-185	0.44			0.36	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-174 /181	2.6			0.36	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-177	2.2			0.36	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-171	1.3			0.4	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-172	0.91			0.35	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-180	9.5			0.35	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-193	0.58			0.35	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-191	ND	U		0.35	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-170 /190	5.7			0.49	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-189	ND	U		0.49	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-201 (BZ#200)	ND	U		0.4	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-197	ND	U		0.72	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-200 (BZ#199)	ND	U		0.72	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-198	ND	U		0.72	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-199 (BZ#201)	1.8			0.72	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-196/203	1.8			0.66	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-195	ND	U		0.66	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-194	2.2			0.88	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-205	ND	U		0.88	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-208	ND	U		0.68	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-207	ND	U		0.68	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-206	ND	U		0.68	ng/g-wet weight
6/10/98	HRI-98-01C (Remnant #4)	L3172-3	PCB-209	ND	U		0.3	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	% Lipids	6.3				Percent
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	Hexachlorobenzene	0.55			0.17	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	alpha HCH	ND	U		0.25	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	beta HCH	ND	U		0.33	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	gamma HCH	3.1	U	21	0.24	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	delta HCH	ND	U		0.24	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	Heptachlor	ND	UJ	10	1.9	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	Aldrin	ND	UJ	10	0.21	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	Oxychlordane	ND	UJ	10	1.5	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	gamma-Chlordane (trans-)	ND	U		0.2	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	alpha-Chlordane (cis-)	0.20			0.18	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	o,p'-DDE	0.16	U	21	0.08	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	p,p'-DDE	6.37			0.1	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	trans-Nonachlor	0.41	J	10	0.12	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	o,p'-DDD	0.10			0.05	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	p,p'-DDD	0.48			0.05	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	o,p'-DDT	0.22			0.08	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	p,p'-DDT	0.42			0.10	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	Mirex	ND	UJ	10	0.22	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	Photomirex		R	5A		
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	Heptachlor Epoxide	0.15	UJ	7,10	0.07	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	Dieldrin	0.32	NJ	3	0.07	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	Endrin	ND	UJ	10	0.12	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	Aroclor 1242	750	NJ	14	1.5	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	Aroclor 1248	ND	U		1.5	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	Aroclor 1254	800	NJ	14	2.0	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	Aroclor 1260	96	NJ	14	2.6	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-6	0.16			0.03	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-4/10	1.7			0.05	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-7/9	0.28			0.05	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-8/5	0.98			0.05	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-15	6.4			0.07	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-19	4.0			0.1	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-18	19			0.1	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-17	9.8			0.1	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-24/27	3.3			0.1	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-16/32	12			0.1	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-26	9.7			0.09	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-25	3.4			0.09	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-31/28	180			0.09	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-33 /20	13			0.09	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-22	6.3			0.09	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-37	27			0.09	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-53	9.8			0.10	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-45	3.7			0.10	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-46	1.9			0.10	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-52	84			0.10	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-49	93			0.12	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-47/48	82			0.12	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-44	54			0.11	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-42	33			0.11	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-41/71/64	70			0.11	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-40	2.0			0.13	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-74 /61	120			0.13	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-70/76	170			0.13	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-66 /80	140			0.08	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-81	3.0			0.08	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-56/60	57			0.08	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-77	12	U	21	0.08	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-95	20			0.05	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-119	1.2			0.05	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-91	5.8			0.05	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-84	4.1			0.05	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-90/101/89	46			0.05	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-99	31			0.05	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-83	2.2			0.08	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-97 /86	18			0.08	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-87	30			0.08	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-85	21			0.08	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-110	64			0.08	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-82	3.5			0.05	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-107	3.5			0.05	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-114	1.7			0.05	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-126	2.4			0.05	ng/g-wet weight

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SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-136	2.2			0.19	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-151	3.0			0.19	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-144/135	3.4			0.19	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-149	20			0.19	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-134 /143	0.84			0.19	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-131	0.39			0.19	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-146	3.3			0.12	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-118	70			0.06	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-123	2.5			0.06	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-105	33			0.05	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-153	35			0.15	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-132/168	8.6			0.24	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-141	5.1			0.24	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-130	1.9			0.19	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-137	2.1			0.19	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-138	41			0.19	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-158	4.7			0.19	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-129	1.2			0.19	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-128	7.6			0.27	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-167	1.5	U	21	0.19	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-156	6.0			0.29	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-157	1.5			0.29	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-169	ND	U		0.19	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-184	0.61	U	21	0.14	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-179	0.77			0.14	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-176	0.38			0.14	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-178	0.91			0.14	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-175	0.15			0.14	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-187/182	4.8			0.14	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-183	2.3			0.16	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-185	0.37			0.16	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-174 /181	2.5			0.16	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-177	1.9			0.16	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-171	1.1			0.18	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-172	0.74			0.16	ng/g-wet weight

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SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-180	11			0.16	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-193	0.68			0.16	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-191	0.25			0.16	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-170 /190	6.3			0.22	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-189	0.3			0.22	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-201 (BZ#200)	ND	U		0.27	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-197	ND	U		0.48	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-200 (BZ#199)	ND	U		0.48	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-198	ND	U		0.48	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-199 (BZ#201)	1.9			0.48	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-196/203	1.9			0.44	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-195	0.49			0.44	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-194	1.7			0.58	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-205	ND	U		0.58	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-208	0.21			0.14	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-207	ND	U		0.14	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-206	0.33			0.14	ng/g-wet weight
6/10/98	HRI-98-01D (Remnant #4)	L3172-4	PCB-209	ND	U		0.22	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	% Lipids	6.4				Percent
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	Hexachlorobenzene	0.58			0.13	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	alpha HCH	ND	U		0.32	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	beta HCH	ND	U		0.43	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	gamma HCH	3.2	U	21	0.33	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	delta HCH	ND	U		0.33	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	Heptachlor	ND	UJ	10	1.8	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	Aldrin	ND	UJ	10	0.25	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	Oxychlordane	ND	UJ	10	1.5	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	gamma-Chlordane (trans-)	ND	U		0.20	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	alpha-Chlordane (cis-)	ND	U		0.17	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	o,p'-DDE	0.12	U	21	0.08	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	p,p'-DDE	6.9			0.11	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	trans-Nonachlor	0.43	J	10	0.16	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	o,p'-DDD	ND	U		0.05	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	p,p'-DDD	0.55			0.05	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	o,p'-DDT	0.23			0.14	ng/g-wet weight

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SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	p,p'-DDT	0.44			0.17	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	Mirex	ND	UJ	10	0.14	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	Photomirex		R	5A		
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	Heptachlor Epoxide	0.18	UJ	7,10	0.15	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	Dieldrin	0.24	NJ	3	0.12	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	Endrin	ND	UJ	10	0.25	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	Aroclor 1242	1100	NJ	14	2.0	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	Aroclor 1248	ND	U		2.0	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	Aroclor 1254	900	NJ	14	3.1	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	Aroclor 1260	95	NJ	14	2.5	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-6	0.17			0.03	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-4/10	1.4			0.05	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-7/9	0.35			0.05	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-8/5	1.1			0.05	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-15	7.9			0.08	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-19	4.0			0.13	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-18	28			0.13	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-17	14			0.13	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-24/27	3.6			0.13	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-16/32	18			0.13	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-26	15			0.11	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-25	4.6			0.11	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-31/28	250			0.11	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-33 /20	18			0.11	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-22	8.2			0.11	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-37	37			0.11	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-53	14			0.13	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-45	5.6			0.13	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-46	2.7			0.13	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-52	120			0.13	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-49	130			0.16	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-47/48	110			0.16	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-44	87			0.15	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-42	45			0.15	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-41/71/64	110			0.15	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-40	2.3			0.18	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-74 /61	160			0.18	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-70/76	230			0.18	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-66 /80	160			0.11	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-81	3.5			0.11	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-56/60	69			0.11	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-77	15	U	21	0.11	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-95	24			0.08	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-119	1.4			0.08	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-91	7.0			0.08	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-84	5.3			0.08	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-90/101/89	49			0.08	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-99	32			0.08	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-83	2.9			0.12	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-97 /86	22			0.12	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-87	35			0.12	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-85	25			0.12	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-110	78			0.12	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-82	4.9			0.08	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-107	4.5			0.08	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-114	2.2			0.08	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-126	3.0			0.07	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-136	2.7			0.13	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-151	3.6			0.13	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-144/135	3.8			0.13	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-149	21			0.13	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-134 /143	1.0			0.13	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-131	0.43			0.13	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-146	3.8			0.08	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-118	74			0.08	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-123	2.8			0.08	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-105	36			0.07	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-153	36			0.08	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-132/168	8.9			0.12	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-141	5.3			0.12	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-130	2.1			0.09	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-137	2.3			0.09	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-138	44			0.09	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-158	5.2			0.09	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-129	1.4			0.09	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-128	7.9			0.13	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-167	1.6			0.09	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-156	7.2			0.14	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-157	1.5			0.14	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-169	ND	U		0.09	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-184	0.62	U	21	0.14	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-179	1.0			0.14	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-176	0.42			0.14	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-178	0.99			0.14	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-175	0.18			0.14	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-187/182	4.9			0.14	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-183	2.6			0.16	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-185	0.39			0.16	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-174 /181	2.7			0.16	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-177	2.1			0.16	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-171	1.4			0.17	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-172	0.69			0.16	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-180	11			0.16	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-193	0.63			0.16	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-191	0.25			0.16	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-170 /190	5.6			0.21	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-189	0.29			0.21	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-201 (BZ#200)	0.24			0.18	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-197	ND	U		0.32	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-200 (BZ#199)	ND	U		0.32	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-198	ND	U		0.32	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-199 (BZ#201)	2.1			0.32	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-196/203	2.0			0.29	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-195	0.39			0.29	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-194	1.8			0.39	ng/g-wet weight

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SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-205	ND	U		0.39	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-208	ND	U		0.24	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-207	ND	U		0.24	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-206	0.33			0.24	ng/g-wet weight
6/10/98	HRI-98-01E (Remnant #4)	L3172-5	PCB-209	ND	U		0.2	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	% Lipids	6.3				Percent
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	Hexachlorobenzene	0.62			0.12	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	alpha HCH	ND	U		0.41	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	beta HCH	ND	U		0.55	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	gamma HCH	3.2	U	21	0.41	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	delta HCH	ND	U		0.41	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	Heptachlor	ND	UJ	10	1.5	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	Aldrin	ND	UJ	10	0.24	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	Oxychlordane	ND	UJ	10	0.74	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	gamma-Chlordane (trans-)	ND	U		0.13	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	alpha-Chlordane (cis-)	0.27			0.12	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	o,p'-DDE	0.12			0.09	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	p,p'-DDE	5.9			0.11	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	trans-Nonachlor	0.56	J	10	0.06	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	o,p'-DDD	0.10			0.03	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	p,p'-DDD	0.32			0.04	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	o,p'-DDT	0.21			0.09	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	p,p'-DDT	0.53			0.11	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	Mirex	ND	UJ	10	0.15	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	Photomirex		R	5A		
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	Heptachlor Epoxide	0.71	UJ	7,10	0.06	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	Dieldrin	0.52	NJ	3	0.06	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	Endrin	ND	UJ	10	0.1	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	Aroclor 1242	2800	NJ	14	9.7	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	Aroclor 1248	ND	U		1.5	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	Aroclor 1254	2200	NJ	14	3.2	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	Aroclor 1260	210	NJ	14	1.2	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-6	2.2			0.03	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-4/10	46			0.03	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-7/9	1.1			0.03	ng/g-wet weight

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SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-8/5	11			0.03	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-15	28			0.05	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-19	67			0.1	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-18	57			0.1	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-17	49			0.1	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-24/27	57			0.1	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-16/32	69			0.1	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-26	52			0.09	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-25	18			0.09	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-31/28	590			0.56	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-33 /20	32			0.09	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-22	24			0.09	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-37	78			0.09	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-53	47			0.12	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-45	12			0.12	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-46	4.2			0.12	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-52	300			0.86	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-49	330			1.1	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-47/48	300			1.1	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-44	120			0.14	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-42	100			0.14	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-41/71/64	240			1.0	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-40	8.4			0.16	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-74 /61	350			1.2	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-70/76	510			1.2	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-66 /80	300			0.74	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-81	7.2			0.10	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-56/60	160			0.74	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-77	33	U	21	0.10	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-95	55			0.08	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-119	4.0			0.08	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-91	20			0.08	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-84	12			0.08	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-90/101/89	110			0.27	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-99	77			0.08	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-83	6.3			0.13	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-97 /86	52			0.13	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-87	88			0.13	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-85	51			0.13	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-110	200			0.44	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-82	12			0.08	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-107	9.6			0.08	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-114	4.3			0.08	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-126	4.6			0.07	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-136	6.9			0.05	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-151	10			0.05	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-144/135	9.9			0.05	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-149	57			0.05	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-134 /143	2.6			0.05	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-131	0.68			0.05	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-146	9.0			0.03	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-118	130			0.32	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-123	5.0			0.08	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-105	70			0.08	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-153	70			0.04	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-132/168	21			0.05	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-141	9.8			0.05	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-130	4.1			0.04	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-137	3.7			0.04	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-138	100			0.04	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-158	9.2			0.04	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-129	2.6			0.04	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-128	15			0.06	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-167	2.7	U	21	0.04	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-156	12			0.07	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-157	2.8			0.07	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-169	0.04			0.04	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-184	0.93	U	21	0.06	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-179	3.1			0.06	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-176	1.1			0.06	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-178	4.2			0.06	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-175	0.4			0.06	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-187/182	16			0.06	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-183	5.6			0.07	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-185	0.6			0.07	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-174 /181	5.8			0.07	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-177	5.6			0.07	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-171	2.5			0.08	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-172	1.5			0.08	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-180	24			0.08	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-193	1.5			0.08	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-191	0.38			0.08	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-170 /190	12			0.1	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-189	0.5			0.1	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-201 (BZ#200)	0.72			0.06	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-197	0.4			0.1	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-200 (BZ#199)	0.61			0.1	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-198	0.38			0.1	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-199 (BZ#201)	6.7			0.1	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-196/203	6.3			0.1	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-195	1.4			0.1	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-194	5.2			0.13	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-205	0.38			0.13	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-208	0.67			0.16	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-207	0.25			0.16	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-206	1.5			0.16	ng/g-wet weight
5/28/98	HRI-98-02A (Special Area 13)	L3172-6	PCB-209	0.31			0.21	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	% Lipids	6.5				Percent
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	Hexachlorobenzene	0.70			0.14	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	alpha HCH	ND	U		0.60	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	beta HCH	ND	U		0.81	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	gamma HCH	3.6	U	21	0.60	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	delta HCH	ND	U		0.60	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	Heptachlor	ND	UJ	10	1.2	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	Aldrin	ND	UJ	10	0.37	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	Oxychlordane	ND	UJ	10	1.5	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	gamma-Chlordane (trans-)	ND	U		0.22	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	alpha-Chlordane (cis-)	0.31	J	13	0.20	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	o,p'-DDE	0.16			0.08	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	p,p'-DDE	5.9			0.10	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	trans-Nonachlor	0.52	J	10,13	0.10	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	o,p'-DDD	0.11	J	13	0.07	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	p,p'-DDD	0.29	J	13	0.08	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	o,p'-DDT	0.20			0.17	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	p,p'-DDT	0.55			0.21	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	Mirex	ND	UJ	10	0.21	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	Photomirex		R	5A		
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	Heptachlor Epoxide	0.37	UJ	7,10	0.11	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	Dieldrin	0.45	NJ	3	0.09	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	Endrin	ND	UJ	10	0.18	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	Aroclor 1242	2800	NJ	14	18	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	Aroclor 1248	ND	U		2.4	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	Aroclor 1254	2000	NJ	14	3.2	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	Aroclor 1260	200	NJ	14	4.3	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-6	3.8			0.06	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-4/10	94			0.06	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-7/9	2			0.06	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-8/5	17			0.06	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-15	37			0.09	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-19	130			0.16	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-18	64			0.16	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-17	55			0.16	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-24/27	100			0.16	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-16/32	74			0.16	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-26	65			0.14	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-25	21			0.14	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-31/28	590			1.1	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-33 /20	37			0.14	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-22	28			0.14	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-37	80			0.14	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-53	67			0.22	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-45	12			0.22	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-46	4.0			0.22	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-52	310			1.1	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-49	330			1.4	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-47/48	300			1.4	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-44	120			0.26	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-42	110			0.26	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-41/71/64	230			1.3	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-40	11			0.29	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-74 /61	340			1.6	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-70/76	480			1.6	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-66 /80	290			0.95	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-81	6.8			0.18	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-56/60	150			0.95	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-77	31	U	21	0.18	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-95	54			0.08	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-119	3.9			0.08	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-91	18			0.08	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-84	11			0.08	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-90/101/89	100			0.89	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-99	71			0.08	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-83	5.7			0.13	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-97 /86	48			0.13	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-87	77			0.13	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-85	45			0.13	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-110	190			1.5	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-82	10			0.08	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-107	8.1			0.08	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-114	3.8			0.08	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-126	4.2			0.07	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-136	6.2			0.11	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-151	9.3			0.11	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-144/135	8.4			0.11	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-149	48			0.11	ng/g-wet weight

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SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-134 /143	2.0			0.11	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-131	0.58			0.11	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-146	7.8			0.07	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-118	130			1.2	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-123	5.0			0.10	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-105	66			0.10	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-153	67			0.1	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-132/168	20			0.16	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-141	9.3			0.16	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-130	4.3			0.12	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-137	3.7			0.12	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-138	93			0.12	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-158	8.7			0.12	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-129	2.6			0.12	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-128	14			0.18	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-167	2.7	U	21	0.12	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-156	11			0.19	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-157	2.6			0.19	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-169	ND	U		0.12	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-184	1.0	U	21	0.22	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-179	2.7			0.22	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-176	1.1			0.22	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-178	4.3			0.22	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-175	0.5			0.22	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-187/182	15			0.22	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-183	5.4			0.26	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-185	0.64			0.26	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-174 /181	5.1			0.26	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-177	5.5			0.26	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-171	2.5			0.29	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-172	1.6			0.27	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-180	23			0.27	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-193	1.5			0.27	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-191	0.54			0.27	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-170 /190	13			0.36	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-189	0.68			0.36	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-201 (BZ#200)	0.81			0.19	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-197	0.42			0.34	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-200 (BZ#199)	0.8			0.34	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-198	0.42			0.34	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-199 (BZ#201)	7.4			0.34	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-196/203	6.9			0.31	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-195	1.7			0.31	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-194	5.4			0.41	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-205	ND	U		0.41	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-208	0.76			0.35	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-207	ND	U		0.35	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-206	1.7			0.35	ng/g-wet weight
5/28/98	HRI-98-02B (Special Area 13)	L3172-7	PCB-209	0.39			0.19	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	% Lipids	6.0				Percent
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	Hexachlorobenzene	0.61			0.11	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	alpha HCH	ND	U		0.64	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	beta HCH	ND	U		0.86	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	gamma HCH	3.3	U	21	0.64	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	delta HCH	ND	U		0.64	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	Heptachlor	ND	UJ	10	1.5	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	Aldrin	ND	UJ	10	0.32	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	Oxychlordane	ND	UJ	10	1.4	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	gamma-Chlordane (trans-)	ND	U		0.17	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	alpha-Chlordane (cis-)	0.24			0.15	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	o,p'-DDE	0.10			0.03	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	p,p'-DDE	5.5			0.04	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	trans-Nonachlor	0.46	J	10	0.07	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	o,p'-DDD	0.09			0.04	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	p,p'-DDD	0.33			0.04	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	o,p'-DDT	0.17			0.10	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	p,p'-DDT	0.49			0.12	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	Mirex	ND	UJ	10	0.13	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	Photomirex		R	5A		
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	Heptachlor Epoxide	0.42	UJ	7,10	0.20	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	Dieldrin	0.4	NJ	3	0.17	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	Endrin	ND	UJ	10	0.33	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	Aroclor 1242	3200	NJ	14	11	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	Aroclor 1248	ND	U		1.0	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	Aroclor 1254	2400	NJ	14	4.8	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	Aroclor 1260	210	NJ	14	3.7	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-6	1.8			0.06	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-4/10	39			0.06	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-7/9	1.1			0.06	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-8/5	8.8			0.06	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-15	35			0.09	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-19	53			0.07	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-18	58			0.07	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-17	58			0.07	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-24/27	47			0.07	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-16/32	59			0.07	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-26	59			0.06	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-25	22			0.06	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-31/28	730			0.62	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-33 /20	49			0.06	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-22	34			0.06	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-37	120			0.06	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-53	47			0.2	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-45	10			0.2	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-46	4.6			0.2	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-52	340			1.1	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-49	370			1.4	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-47/48	350			1.4	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-44	150			0.24	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-42	120			0.24	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-41/71/64	270			1.3	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-40	10			0.27	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-74 /61	450			1.5	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-70/76	660			1.5	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-66 /80	410			0.91	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-81	8.3			0.16	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-56/60	210			0.91	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-77	40	U	21	0.16	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-95	56			0.12	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-119	4.1			0.12	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-91	20			0.12	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-84	13			0.12	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-90/101/89	120			0.49	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-99	82			0.12	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-83	6.7			0.19	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-97 /86	58			0.19	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-87	98			0.19	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-85	58			0.19	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-110	210			0.81	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-82	14			0.12	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-107	10			0.12	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-114	4.9			0.12	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-126	4.6			0.11	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-136	6.6			0.09	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-151	9.9			0.09	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-144/135	9.5			0.09	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-149	55			0.09	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-134 /143	2.6			0.09	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-131	0.72			0.09	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-146	8.8			0.06	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-118	160			0.62	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-123	5.0			0.12	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-105	85			0.13	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-153	72			0.07	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-132/168	23			0.11	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-141	11			0.11	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-130	4.7			0.09	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-137	4.1			0.09	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-138	110			0.09	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-158	9.9			0.09	ng/g-wet weight

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SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-129	2.9			0.09	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-128	16			0.13	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-167	2.9	U	21	0.09	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-156	12			0.14	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-157	2.9			0.14	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-169	ND	U		0.09	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-184	0.88	U	21	0.19	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-179	3.0			0.19	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-176	1.1			0.19	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-178	4.1			0.19	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-175	0.39			0.19	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-187/182	16			0.19	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-183	5.5			0.22	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-185	0.61			0.22	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-174 /181	5.9			0.22	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-177	5.8			0.22	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-171	2.6			0.25	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-172	1.5			0.23	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-180	24			0.23	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-193	1.5			0.23	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-191	0.39			0.23	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-170 /190	12			0.31	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-189	0.5			0.31	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-201 (BZ#200)	0.74			0.17	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-197	0.37			0.3	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-200 (BZ#199)	0.53			0.3	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-198	0.36			0.3	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-199 (BZ#201)	6.6			0.3	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-196/203	6.1			0.28	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-195	1.4			0.28	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-194	5.3			0.37	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-205	ND	U		0.37	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-208	0.63			0.31	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-207	ND	U		0.31	ng/g-wet weight
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-206	1.5			0.31	ng/g-wet weight

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SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
5/28/98	HRI-98-02C (Special Area 13)	L3172-8	PCB-209	0.22			0.19	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	% Lipids	6.3				Percent
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	Hexachlorobenzene	0.57			0.11	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	alpha HCH	ND	U		0.46	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	beta HCH	ND	U		0.62	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	gamma HCH	3.1			0.46	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	delta HCH	ND	U		0.46	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	Heptachlor	ND	UJ	10	0.99	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	Aldrin	ND	UJ	10	0.32	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	Oxychlordane	ND	UJ	10	1.8	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	gamma-Chlordane (trans-)	ND	U		0.13	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	alpha-Chlordane (cis-)	0.23			0.11	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	o,p'-DDE	0.13			0.05	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	p,p'-DDE	5.7			0.06	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	trans-Nonachlor	0.50	J	10	0.06	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	o,p'-DDD	ND	U		0.06	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	p,p'-DDD	0.32			0.07	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	o,p'-DDT	0.21			0.12	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	p,p'-DDT	0.43			0.15	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	Mirex	ND	UJ	10	0.14	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	Photomirex		R	5A		
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	Heptachlor Epoxide	1.0	UJ	7,10	0.09	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	Dieldrin	0.44	NJ	3	0.08	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	Endrin	ND	UJ	10	0.15	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	Aroclor 1242	2900	NJ	14	15	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	Aroclor 1248	ND	U		1.5	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	Aroclor 1254	2100	NJ	14	4.2	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	Aroclor 1260	200	NJ	14	2.0	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-6	2.5			0.03	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-4/10	48			0.04	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-7/9	1.3			0.04	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-8/5	12			0.04	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-15	31			0.06	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-19	68			0.10	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-18	59			0.10	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-17	51			0.10	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-24/27	59			0.10	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-16/32	69			0.10	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-26	53			0.08	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-25	19			0.08	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-31/28	620			0.88	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-33 /20	41			0.08	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-22	31			0.08	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-37	81			0.08	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-53	48			0.18	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-45	12			0.18	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-46	4.4			0.18	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-52	290			0.71	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-49	320			0.92	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-47/48	290			0.92	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-44	130			0.21	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-42	100			0.21	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-41/71/64	230			0.86	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-40	11			0.23	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-74 /61	350			1.0	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-70/76	510			1.0	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-66 /80	300			0.61	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-81	7.1			0.14	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-56/60	160			0.61	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-77	34	U	21	0.14	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-95	51			0.11	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-119	3.9			0.11	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-91	19			0.11	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-84	12			0.11	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-90/101/89	110			0.7	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-99	75			0.11	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-83	6.2			0.17	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-97 /86	51			0.17	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-87	85			0.17	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-85	49			0.17	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-110	190			1.2	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-82	12			0.11	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-107	9.1			0.11	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-114	4.1			0.11	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-126	4			0.10	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-136	6.5			0.08	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-151	9.4			0.08	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-144/135	9.1			0.08	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-149	52			0.08	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-134 /143	2.5			0.08	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-131	0.63			0.08	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-146	8.4			0.05	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-118	140			0.84	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-123	4.8			0.11	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-105	70			0.12	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-153	67			0.06	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-132/168	20			0.10	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-141	9.9			0.1	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-130	4.0			0.08	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-137	3.8			0.08	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-138	91			0.08	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-158	8.6			0.08	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-129	2.5			0.08	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-128	13			0.11	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-167	2.5	U	21	0.08	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-156	11			0.12	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-157	2.5			0.12	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-169	ND	U		0.08	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-184	0.86	U	21	0.1	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-179	2.9			0.1	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-176	0.97			0.1	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-178	3.7			0.1	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-175	0.31			0.1	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-187/182	14			0.1	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-183	4.9			0.12	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-185	0.61			0.12	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-174 /181	5.1			0.12	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-177	4.9			0.12	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-171	2.3			0.13	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-172	1.5			0.12	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-180	23			0.12	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-193	1.5			0.12	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-191	0.38			0.12	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-170 /190	12			0.17	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-189	0.59			0.17	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-201 (BZ#200)	0.74			0.15	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-197	0.31			0.27	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-200 (BZ#199)	0.51			0.27	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-198	0.37			0.27	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-199 (BZ#201)	7.0			0.27	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-196/203	6.3			0.25	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-195	1.4			0.25	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-194	5.3			0.33	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-205	ND	U		0.33	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-208	0.78			0.15	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-207	0.31			0.15	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-206	1.6			0.15	ng/g-wet weight
5/28/98	HRI-98-02D (Special Area 13)	L3172-9	PCB-209	0.35			0.13	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	% Lipids	5.9				Percent
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	Hexachlorobenzene	0.6	U	7	0.11	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	alpha HCH	0.35			0.27	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	beta HCH	ND	U		0.37	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	gamma HCH	1.2	U	21	0.27	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	delta HCH	ND	U		0.27	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	Heptachlor	ND	U		1.5	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	Aldrin	0.28	U	21	0.15	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	Oxychlordane	ND	U		7.2	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	gamma-Chlordane (trans-)	ND	U		0.23	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	alpha-Chlordane (cis-)	0.38			0.19	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	o,p'-DDE	0.11			0.07	ng/g-wet weight

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SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	p,p'-DDE	5.8			0.08	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	trans-Nonachlor	0.51			0.11	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	o,p'-DDD	0.16	U	21	0.05	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	p,p'-DDD	0.33	U	21	0.05	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	o,p'-DDT	0.18			0.1	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	p,p'-DDT	0.48			0.13	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	Mirex	ND	U		0.1	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	Photomirex		R	5A		
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	Heptachlor Epoxide	ND	U		0.4	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	alpha-Endosulphan (I)	ND	U		0.22	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	Dieldrin	0.57	NJ	3	0.13	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	Endrin	ND	UJ	10	0.33	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	beta-Endosulphan (II)	ND	U		0.25	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	Endrin Aldehyde	0.27	U	7	0.24	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	Endosulphan Sulphate	ND	U		0.29	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	Endrin Ketone	ND	U		0.14	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	Methoxychlor	ND	UJ	10	0.62	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	Aroclor 1242	3900	NJ	14	33	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	Aroclor 1248	ND	U		1.5	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	Aroclor 1254	2400	NJ	14	4.1	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	Aroclor 1260	230	NJ	14	3.4	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-6	ND	U		0.03	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-4/10	58			0.04	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-7/9	2.2	J	9	0.04	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-8/5	17	J	9	0.04	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-15	47			0.07	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-19	75			0.10	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-18	120	J	9	2.1	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-17	78			0.10	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-24/27	67			0.10	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-16/32	96			0.10	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-26	73			0.08	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-25	27			0.08	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-31/28	820			1.8	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-33 /20	70			0.08	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-22	36			0.08	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-37	16			0.08	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-53	62			0.12	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-45	16			0.12	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-46	5.8			0.12	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-52	340			2.9	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-49	380			3.8	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-47/48	350			3.8	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-44	170			3.6	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-42	140			0.15	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-41/71/64	280			4.1	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-40	13			0.17	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-74 /61	400			4.1	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-70/76	560			4.1	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-66 /80	330			2.5	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-81	7.8	U	21	0.1	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-56/60	170			2.5	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-77	38	U	21	0.1	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-95	64			0.1	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-119	4.0			0.1	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-91	22			0.1	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-84	13			0.1	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-90/101/89	120			1.8	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-99	81			0.1	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-83	7.1			0.17	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-97 /86	57			0.17	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-87	98			0.17	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-85	56			0.17	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-110	210			3.0	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-82	13			0.10	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-107	10			0.10	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-114	4.7			0.10	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-126	5.1			0.09	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-136	6.7			0.11	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-151	10			0.11	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-144/135	9.8			0.11	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-149	53			0.11	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-134 /143	2.7			0.11	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-131	0.76			0.11	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-146	8.9			0.07	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-118	150			2.2	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-123	5.9	U	21	0.11	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-105	80			0.1	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-153	80			0.1	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-132/168	24			0.16	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-141	13			0.16	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-130	5.3			0.12	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-137	4.5			0.12	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-138	120			0.12	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-158	11			0.12	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-129	3.2			0.12	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-128	17			0.18	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-167	3.5	U	21	0.12	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-156	14			0.2	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-157	3.4			0.2	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-169	1.5			0.12	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-184	1.0	U	21	0.18	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-179	3.7			0.18	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-176	1.2			0.18	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-178	4.9			0.18	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-175	0.48			0.18	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-187/182	18			0.18	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-183	6.5			0.21	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-185	0.8			0.21	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-174 /181	7.3			0.21	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-177	6.3			0.21	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-171	2.8			0.23	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-172	1.6			0.21	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-180	25			0.21	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-193	1.6			0.21	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-191	0.45			0.21	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-170 /190	15			0.31	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-189	0.69			0.31	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-201 (BZ#200)	0.94	U	21	0.18	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-197	0.6			0.36	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-200 (BZ#199)	0.77			0.36	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-198	0.43			0.36	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-199 (BZ#201)	7.2			0.36	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-196/203	7.5			0.34	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-195	1.5			0.34	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-194	6.1			0.51	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-205	0.52			0.51	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-208	0.81	U	21	0.39	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-207	ND	U		0.39	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-206	1.8			0.39	ng/g-wet weight
5/28/98	HRI-98-02E (Special Area 13)	L3172-10	PCB-209	0.52	U	21	0.37	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	% Lipids	5.0				Percent
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	Hexachlorobenzene	0.43			0.12	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	alpha HCH	ND	U		0.38	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	beta HCH	ND	U		0.50	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	gamma HCH	3.2	U	21	0.37	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	delta HCH	ND	U		0.37	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	Heptachlor	ND	UJ	10	0.79	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	Aldrin	ND	UJ	10	0.25	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	Oxychlordane	ND	UJ	10	2.3	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	gamma-Chlordane (trans-)	ND	U		0.35	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	alpha-Chlordane (cis-)	ND	U		0.31	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	o,p'-DDE	0.13			0.09	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	p,p'-DDE	6.5			0.11	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	trans-Nonachlor	0.39	J	10	0.10	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	o,p'-DDD	0.16			0.04	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	p,p'-DDD	0.27			0.04	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	o,p'-DDT	0.16			0.09	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	p,p'-DDT	0.44			0.11	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	Mirex	ND	UJ	10	0.11	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	Photomirex		R	5A		
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	Heptachlor Epoxide	0.31	UJ	7,10	0.12	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	Dieldrin	0.39	NJ	3	0.1	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	Endrin	ND	UJ	10	0.2	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	Aroclor 1242	1900	NJ	14	18	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	Aroclor 1248	ND	U		1.4	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	Aroclor 1254	920	NJ	14	4.1	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	Aroclor 1260	130	NJ	14	2.5	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-6	8.0			0.08	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-4/10	110			0.07	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-7/9	1.9			0.07	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-8/5	33			0.07	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-15	39			0.11	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-19	73			0.10	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-18	51			0.10	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-17	60			0.10	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-24/27	84			0.10	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-16/32	120			0.10	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-26	71			0.08	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-25	18			0.08	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-31/28	300			1.0	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-33 /20	12			0.08	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-22	11			0.08	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-37	16			0.08	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-53	52			0.18	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-45	8.9			0.18	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-46	3.0			0.18	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-52	230			1.0	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-49	250			1.3	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-47/48	220			1.3	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-44	41			0.21	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-42	35			0.21	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-41/71/64	130			0.21	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-40	7.2			0.23	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-74 /61	110			0.23	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-70/76	130			0.23	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-66 /80	92			0.14	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-81	3.0			0.14	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-56/60	38			0.14	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-77	10	U	21	0.14	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-95	42			0.1	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-119	3.1			0.1	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-91	18			0.1	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-84	8.5			0.1	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-90/101/89	63			0.10	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-99	39			0.10	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-83	4.4			0.16	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-97 /86	16			0.16	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-87	34			0.16	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-85	19			0.16	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-110	100			0.16	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-82	3.6			0.1	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-107	5.0			0.1	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-114	1.8			0.1	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-126	3.5			0.09	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-136	7.8			0.15	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-151	11			0.15	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-144/135	9.8			0.15	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-149	42			0.15	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-134 /143	3.2			0.15	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-131	0.23			0.15	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-146	7.8			0.10	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-118	62			0.1	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-123	3.0			0.1	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-105	24			0.12	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-153	51			0.13	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-132/168	14			0.2	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-141	5.3			0.2	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-130	3.0			0.16	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-137	2.2			0.16	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-138	65			0.16	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-158	4.2			0.16	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-129	1.5			0.16	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-128	8.2			0.22	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-167	1.6	U	21	0.16	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-156	5.8			0.24	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-157	1.5			0.24	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-169	ND	U		0.16	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-184	ND	U		0.13	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-179	3.9			0.13	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-176	0.86			0.13	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-178	4.5			0.13	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-175	0.34			0.13	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-187/182	16			0.13	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-183	3.4			0.15	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-185	0.45			0.15	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-174 /181	4.2			0.15	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-177	4.4			0.15	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-171	1.7			0.17	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-172	1.3			0.16	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-180	15			0.16	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-193	1.2			0.16	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-191	0.28			0.16	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-170 /190	7.9			0.21	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-189	0.43			0.21	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-201 (BZ#200)	0.71			0.14	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-197	0.35			0.25	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-200 (BZ#199)	0.61			0.25	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-198	0.41			0.25	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-199 (BZ#201)	7.1			0.25	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-196/203	5.5			0.23	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-195	1.1			0.23	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-194	4.2			0.31	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-205	ND	U		0.31	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-208	1.1			0.29	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-207	0.29			0.29	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-206	1.7			0.29	ng/g-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	L3172-11	PCB-209	0.44			0.19	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	% Lipids	5.1				Percent
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	Hexachlorobenzene	0.54	U	7	0.07	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	alpha HCH	0.35	U	21	0.2	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	beta HCH	ND	U		0.28	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	gamma HCH	0.66	U	21	0.2	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	delta HCH	ND	U		0.25	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	Heptachlor	ND	U		2.0	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	Aldrin	ND	U		0.21	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	Oxychlordane	ND	U		0.5	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	gamma-Chlordane (trans-)	ND	U		0.24	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	alpha-Chlordane (cis-)	0.28			0.21	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	o,p'-DDE	0.16			0.04	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	p,p'-DDE	6.4			0.05	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	trans-Nonachlor	0.57			0.10	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	o,p'-DDD	0.26	U	21	0.04	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	p,p'-DDD	0.44	U	21	0.05	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	o,p'-DDT	0.3			0.18	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	p,p'-DDT	0.68			0.23	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	Mirex	ND	U		0.12	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	Photomirex		R	14		
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	Heptachlor Epoxide	ND	U		0.55	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	alpha-Endosulphan (I)	ND	U		0.22	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	Dieldrin	0.48	NJ	3	0.13	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	Endrin	ND	UJ	10	0.34	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	beta-Endosulphan (II)	ND	U		0.25	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	Endrin Aldehyde	0.29	U	7	0.25	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	Endosulphan Sulphate	ND	U		0.29	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	Endrin Ketone	ND	U		0.15	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	Methoxychlor	ND	UJ	10	0.65	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	Aroclor 1242	1700	NJ	14	9.3	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	Aroclor 1248	ND	U		0.77	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	Aroclor 1254	1100	NJ	14	2.9	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	Aroclor 1260	180	NJ	14	1.7	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-6	ND	U		0.05	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-4/10	97			0.02	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-7/9	2.0			0.02	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-8/5	32			0.02	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-15	39			0.04	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-19	84			0.05	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-18	52			0.05	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-17	61			0.05	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-24/27		R	14		
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-16/32	110			0.61	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-26	88			0.04	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-25	20			0.04	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-31/28	280			0.52	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-33 /20	15			0.04	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-22	14			0.04	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-37	8.4			0.04	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-53	66			0.11	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-45	11			0.11	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-46	3.4			0.11	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-52	210			0.55	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-49	240			0.74	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-47/48	210			0.74	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-44	52			0.13	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-42	44			0.13	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-41/71/64	170			0.13	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-40	8.4			0.15	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-74 /61	150			0.15	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-70/76	170			0.15	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-66 /80	110			0.09	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-81	3.8	U	21	0.09	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-56/60	53			0.09	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-77	15	U	21	0.09	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-95	45			0.07	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-119	4.0			0.07	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-91	22			0.07	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-84	9.6			0.07	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-90/101/89	67			0.07	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-99	45			0.07	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-83	5.1			0.12	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-97 /86	20			0.12	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-87	45			0.12	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-85	23			0.12	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-110	120			0.12	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-82	4.7			0.07	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-107	6.6			0.07	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-114	2.9			0.07	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-126	4.4			0.07	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-136	9.4			0.11	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-151	15			0.11	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-144/135	12			0.11	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-149	50			0.11	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-134 /143	4.2			0.11	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-131	0.44			0.11	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-146	11			0.07	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-118	68			0.07	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-123	3.9	U	21	0.07	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-105	27			0.07	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-153	37			0.06	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-132/168	9.7			0.09	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-141	4.9			0.09	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-130	2.8			0.07	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-137	2.1			0.07	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-138	53			0.07	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-158	3.6			0.07	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-129	1.5			0.07	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-128	10			0.1	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-167	2.1	U	21	0.07	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-156	6.8			0.11	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-157	2.1			0.11	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-169	1.3			0.07	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-184	ND	U		0.09	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-179	3.1			0.09	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-176	0.74			0.09	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-178	4.1			0.09	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-175	0.24			0.09	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-187/182	18			0.09	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-183	8.8			0.11	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-185	0.53			0.11	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-174 /181	4.8			0.11	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-177	5.0			0.11	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-171	1.7			0.12	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-172	1.5			0.11	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-180	16			0.11	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-193	1.5			0.11	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-191	0.31			0.11	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-170 /190	12			0.16	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-189	0.79			0.16	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-201 (BZ#200)	0.72			0.10	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-197	0.26			0.19	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-200 (BZ#199)	0.96			0.19	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-198	0.53	U	21	0.19	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-199 (BZ#201)	11			0.19	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-196/203	8.1			0.18	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-195	1.7			0.18	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-194	5.7			0.27	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-205	0.38			0.27	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-208	1.3			0.22	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-207	0.36			0.22	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-206	2.0			0.22	ng/g-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	L3172-12	PCB-209	0.44	U	21	0.19	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	% Lipids	4.9				Percent
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	Hexachlorobenzene	0.48	U	7	0.08	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	alpha HCH	ND	U		0.38	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	beta HCH	ND	U		0.51	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	gamma HCH	0.86	U	21	0.38	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	delta HCH	ND	U		0.38	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	Heptachlor	ND	U		2.0	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	Aldrin	ND	U		0.22	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	Oxychlordane	ND	U		2.2	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	gamma-Chlordane (trans-)	ND	U		0.3	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	alpha-Chlordane (cis-)	ND	U		0.26	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	o,p'-DDE	0.22	U	21	0.12	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	p,p'-DDE	6.9			0.14	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	trans-Nonachlor	0.62			0.14	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	o,p'-DDD	0.24			0.06	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	p,p'-DDD	0.30			0.06	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	o,p'-DDT	0.54			0.07	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	p,p'-DDT	0.47			0.09	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	Mirex	ND	U		0.14	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	Photomirex		R	5A		
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	Heptachlor Epoxide	ND	U		0.75	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	alpha-Endosulphan (I)	ND	U		0.16	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	Dieldrin	0.47	NJ	3	0.11	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	Endrin	ND	UJ	10	0.28	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	beta-Endosulphan (II)	ND	U		0.18	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	Endrin Aldehyde	0.29	U	7	0.21	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	Endosulphan Sulphate	ND	U		0.21	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	Endrin Ketone	ND	U		0.12	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	Methoxychlor	ND	UJ	10	0.53	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	Aroclor 1242	2400	NJ	14	6.2	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	Aroclor 1248	ND	U		1.5	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	Aroclor 1254	1200	NJ	14	6.2	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	Aroclor 1260	150	NJ	14	2.4	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-6	ND	U		0.03	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-4/10	150			0.06	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-7/9	3.9			0.06	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-8/5	73			0.06	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-15	56			0.1	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-19	150			0.10	ng/g-wet weight

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SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-18	79			0.10	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-17	90			0.10	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-24/27	160			0.41	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-16/32	160			0.41	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-26	120			0.08	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-25	27			0.08	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-31/28	400			0.35	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-33 /20	24			0.08	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-22	20			0.08	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-37	11			0.08	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-53	84			0.15	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-45	15			0.15	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-46	3.9			0.15	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-52	270			0.6	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-49	300			0.8	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-47/48	270			0.8	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-44	66			0.19	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-42	55			0.19	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-41/71/64	190			0.19	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-40	9.7			0.22	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-74 /61	150			0.22	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-70/76	190			0.22	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-66 /80	120			0.13	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-81	4.0	U	21	0.13	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-56/60	52			0.13	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-77	14	U	21	0.13	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-95	50			0.15	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-119	3.7			0.15	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-91	21			0.15	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-84	9.7			0.15	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-90/101/89	71			0.15	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-99	47			0.15	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-83	4.9			0.25	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-97 /86	20			0.25	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-87	44			0.25	ng/g-wet weight

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SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-85	23			0.25	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-110	120			0.25	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-82	4.6			0.15	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-107	5.8			0.15	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-114	2.2			0.15	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-126	4.5			0.14	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-136	8.7			0.14	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-151	13			0.14	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-144/135	11			0.14	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-149	48			0.14	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-134 /143	3.4			0.14	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-131	0.37			0.14	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-146	8.8			0.09	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-118	76			0.16	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-123	4.4	U	21	0.16	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-105	29			0.15	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-153	61			0.11	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-132/168	16			0.18	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-141	7.0			0.18	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-130	3.4			0.14	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-137	2.6			0.14	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-138	76			0.14	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-158	5.7			0.14	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-129	1.8			0.14	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-128	10			0.2	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-167	1.9	U	21	0.14	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-156	7.7			0.22	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-157	2.1			0.22	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-169	1.1			0.14	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-184	0.13	U	21	0.13	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-179	4.2			0.13	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-176	0.85			0.13	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-178	5.0			0.13	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-175	0.4			0.13	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-187/182	19			0.13	ng/g-wet weight

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SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-183	4.4			0.15	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-185	0.67			0.15	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-174 /181	4.8			0.15	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-177	5.1			0.15	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-171	1.9			0.16	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-172	1.5			0.15	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-180	17			0.15	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-193	1.2			0.15	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-191	0.43			0.15	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-170 /190	10			0.22	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-189	0.5			0.22	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-201 (BZ#200)	0.66			0.25	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-197	ND	U		0.49	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-200 (BZ#199)	0.53			0.49	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-198	ND	U		0.49	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-199 (BZ#201)	8.8			0.49	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-196/203	7.0			0.47	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-195	1.5			0.47	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-194	5.7			0.7	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-205	ND	U		0.7	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-208	1.4			0.35	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-207	ND	U		0.35	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-206	2.1			0.35	ng/g-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	L3172-13	PCB-209	0.79	U	21	0.41	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	% Lipids	4.7				Percent
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	Hexachlorobenzene	0.37	U	7	0.09	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	alpha HCH	ND	U		0.4	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	beta HCH	ND	U		0.54	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	gamma HCH	1.4	U	21	0.4	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	delta HCH	ND	U		0.4	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	Heptachlor	ND	U		1.7	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	Aldrin	ND	U		0.35	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	Oxychlordane	ND	U		3.2	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	gamma-Chlordane (trans-)	ND	U		0.19	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	alpha-Chlordane (cis-)	0.28			0.16	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	o,p'-DDE	0.14			0.05	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	p,p'-DDE	6.1			0.06	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	trans-Nonachlor	0.52			0.12	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	o,p'-DDD	0.20	U	21	0.07	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	p,p'-DDD	0.28			0.08	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	o,p'-DDT	0.23			0.14	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	p,p'-DDT	0.42			0.18	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	Mirex	ND	U		0.1	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	Photomirex		R	5A		
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	Heptachlor Epoxide	ND	U		1.2	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	alpha-Endosulphan (I)	ND	U		0.14	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	Dieldrin	0.45	NJ	3	0.1	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	Endrin	ND	UJ	10	0.25	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	beta-Endosulphan (II)	ND	U		0.16	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	Endrin Aldehyde	0.29	U	7	0.19	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	Endosulphan Sulphate	ND	U		0.18	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	Endrin Ketone	ND	U		0.11	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	Methoxychlor	ND	UJ	10	0.48	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	Aroclor 1242	1900	NJ	14	2.5	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	Aroclor 1248	ND	U		2.5	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	Aroclor 1254	970	NJ	14	2.7	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	Aroclor 1260	120	NJ	14	3.2	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-6	ND	U		0.05	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-4/10	98			0.07	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-7/9	2.0			0.07	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-8/5	29			0.07	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-15	34			0.12	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-19	89			0.16	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-18	49			0.16	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-17	57			0.16	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-24/27	110			0.16	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-16/32	110			0.16	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-26	78			0.14	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-25	18			0.14	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-31/28	340			0.14	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-33 /20	14			0.14	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-22	13			0.14	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-37	8.0			0.14	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-53	59			0.07	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-45	11			0.07	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-46	3.3			0.07	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-52	230			0.3	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-49	240			0.39	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-47/48	210			0.39	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-44	52			0.08	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-42	44			0.08	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-41/71/64	150			0.08	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-40	8.1			0.10	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-74 /61	110			0.10	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-70/76	130			0.10	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-66 /80	89			0.06	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-81	3.5	U	21	0.06	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-56/60	39			0.06	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-77	14	U	21	0.06	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-95	43			0.07	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-119	3.2			0.07	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-91	17			0.07	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-84	9.1			0.07	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-90/101/89	60			0.07	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-99	38			0.07	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-83	4.5			0.11	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-97 /86	18			0.11	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-87	38			0.11	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-85	20			0.11	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-110	110			0.11	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-82	3.8			0.07	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-107	5.0			0.07	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-114	2.1	U	21	0.07	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-126	3.9			0.06	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-136	9.0			0.17	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-151	13			0.17	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-144/135	10			0.17	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-149	42			0.17	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-134 /143	3.5			0.17	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-131	0.24	U	21	0.17	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-146	8.2			0.11	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-118	61			0.07	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-123	3.5	U	21	0.07	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-105	22			0.08	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-153	49			0.15	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-132/168	14			0.24	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-141	6			0.24	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-130	3.1			0.18	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-137	2.1			0.18	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-138	62			0.18	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-158	4.6			0.18	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-129	1.7			0.18	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-128	8.1			0.27	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-167	1.3	U	21	0.18	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-156	5.6			0.3	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-157	1.5			0.3	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-169	0.88			0.18	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-184	ND	U		0.17	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-179	4.2			0.17	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-176	0.88			0.17	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-178	4.5			0.17	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-175	0.31			0.17	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-187/182	16			0.17	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-183	3.6			0.19	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-185	0.48			0.19	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-174 /181	3.9			0.19	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-177	4.5			0.19	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-171	1.6			0.21	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-172	1.1			0.19	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-180	14			0.19	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-193	1.2			0.19	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-191	0.33			0.19	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-170 /190	7.8			0.29	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-189	0.37			0.29	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-201 (BZ#200)	0.57			0.22	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-197	ND	U		0.44	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-200 (BZ#199)	0.70			0.44	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-198	ND	U		0.44	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-199 (BZ#201)	6.6			0.44	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-196/203	5.3			0.42	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-195	1.1			0.42	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-194	4.1			0.62	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-205	ND	U		0.62	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-208	1.0			0.45	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-207	ND	U		0.45	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-206	1.6			0.45	ng/g-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	L3172-14	PCB-209	0.58	U	21	0.52	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	% Lipids	5.2				Percent
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	Hexachlorobenzene	0.52	U	7	0.12	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	alpha HCH	ND	U		0.3	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	beta HCH	ND	U		0.41	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	gamma HCH	1.3	U	21	0.3	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	delta HCH	ND	U		0.3	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	Heptachlor	ND	U		1.6	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	Aldrin	ND	U		0.24	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	Oxychlordane	ND	U		2.5	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	gamma-Chlordane (trans-)	ND	U		0.2	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	alpha-Chlordane (cis-)	0.22			0.18	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	o,p'-DDE	0.14			0.05	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	p,p'-DDE	7.4			0.06	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	trans-Nonachlor	0.56			0.06	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	o,p'-DDD	0.17	U	21	0.06	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	p,p'-DDD	0.2	U	21	0.06	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	o,p'-DDT	0.2			0.07	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	p,p'-DDT	0.43	U	21	0.10	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	Mirex	ND	U		0.1	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	Photomirex		R	5A		
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	Heptachlor Epoxide	ND	U		0.7	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	alpha-Endosulphan (I)	ND	U		0.12	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	Dieldrin	0.45	NJ	3	0.08	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	Endrin	ND	UJ	10	0.21	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	beta-Endosulphan (II)	ND	U		0.13	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	Endrin Aldehyde	0.31	U	7	0.16	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	Endosulphan Sulphate	ND	U		0.16	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	Endrin Ketone	ND	U		0.09	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	Methoxychlor	ND	UJ	10	0.4	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	Aroclor 1242	2300	NJ	14	7.5	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	Aroclor 1248	ND	U		1.3	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	Aroclor 1254	1000	NJ	14	2	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	Aroclor 1260	130	NJ	14	2.8	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-6	ND	U		0.02	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-4/10	140	U	21	0.05	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-7/9	3.6			0.05	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-8/5	84			0.05	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-15	61			0.08	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-19	150			0.09	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-18	80			0.09	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-17	88			0.09	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-24/27	150			0.49	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-16/32	170			0.49	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-26	100			0.07	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-25	25			0.07	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-31/28	350			0.41	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-33 /20	15			0.07	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-22	14			0.07	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-37	7.7			0.07	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-53	71			0.13	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-45	14			0.13	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-46	4.1			0.13	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-52	240			0.9	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-49	260			1.2	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-47/48	210			1.2	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-44	52			0.16	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-42	44			0.16	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-41/71/64	150			0.16	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-40	8.7			0.19	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-74 /61	120			0.19	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-70/76	140			0.19	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-66 /80	96			0.11	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-81	3.7	U	21	0.11	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-56/60	43			0.11	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-77	13	U	21	0.11	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-95	43			0.05	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-119	3.2			0.05	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-91	18			0.05	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-84	10			0.05	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-90/101/89	65			0.05	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-99	39			0.05	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-83	5.1			0.08	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-97 /86	19			0.08	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-87	42			0.08	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-85	20			0.08	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-110	110			0.08	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-82	4.4			0.05	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-107	5.2			0.05	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-114	2.0	U	21	0.05	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-126	3.7			0.05	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-136	8.9			0.08	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-151	12			0.08	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-144/135	9.8			0.08	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-149	41			0.08	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-134 /143	3.3			0.08	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-131	0.29	U	21	0.08	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-146	8.0			0.05	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-118	65			0.05	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-123	3.7	U	21	0.05	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-105	24			0.05	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-153	51			0.07	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-132/168	14			0.11	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-141	5.7			0.11	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-130	2.9			0.08	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-137	2.2			0.08	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-138	61			0.08	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-158	4.3			0.08	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-129	1.7			0.08	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-128	7.7			0.12	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-167	1.6	U	21	0.08	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-156	6.2			0.13	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-157	1.6			0.13	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-169	0.91			0.08	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-184	ND	U		0.17	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-179	3.8			0.15	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-176	0.86			0.15	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-178	4.2			0.15	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-175	0.22	U	21	0.15	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-187/182	15			0.15	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-183	3.3			0.17	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-185	0.56			0.17	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-174 /181	3.7			0.17	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-177	4.5			0.17	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-171	1.7			0.18	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-172	1.3			0.17	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-180	15			0.17	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-193	1.1			0.17	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-191	0.23			0.17	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-170 /190	8.4			0.26	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-189	0.45			0.26	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-201 (BZ#200)	0.52			0.19	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-197	ND	U		0.37	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-200 (BZ#199)	0.74			0.37	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-198	ND	U		0.37	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-199 (BZ#201)	6.6			0.37	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-196/203	5.5			0.36	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-195	1.3			0.36	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-194	4.8			0.53	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-205	ND	U		0.53	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-208	1.2			0.39	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-207	ND	U		0.39	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-206	1.7			0.39	ng/g-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	L3172-15	PCB-209	0.56	U	21	0.3	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	% Lipids	3.1				Percent
6/24/98	HRI-98-04A (Chelsea)	L3172-16	Hexachlorobenzene	0.34	U	7	0.07	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	alpha HCH	ND	U		0.23	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	beta HCH	ND	U		0.31	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	gamma HCH	ND	U		0.23	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	delta HCH	ND	U		0.23	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	Heptachlor	ND	U		2.5	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	Aldrin	ND	U		0.32	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	Oxychlordane	ND	U		1.3	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	gamma-Chlordane (trans-)	ND	U		0.26	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	alpha-Chlordane (cis-)	ND	U		0.22	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	o,p'-DDE	0.21	U	21	0.08	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	p,p'-DDE	27			0.10	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	trans-Nonachlor	0.72			0.15	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	o,p'-DDD	0.28			0.07	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	p,p'-DDD	0.83			0.08	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	o,p'-DDT	0.29			0.09	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	p,p'-DDT	0.68			0.12	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	Mirex	ND	U		0.21	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	Photomirex		R	5A		
6/24/98	HRI-98-04A (Chelsea)	L3172-16	Heptachlor Epoxide	ND	U		0.12	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	alpha-Endosulphan (I)	ND	U		0.21	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	Dieldrin	1.4	NJ	3	0.1	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	Endrin	ND	UJ	10	0.25	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	beta-Endosulphan (II)	ND	U		0.24	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/24/98	HRI-98-04A (Chelsea)	L3172-16	Endrin Aldehyde	0.28	U	7	0.19	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	Endosulphan Sulphate	ND	U		0.28	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	Endrin Ketone	ND	U		0.11	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	Methoxychlor	ND	UJ	10	0.48	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	Aroclor 1242	60	NJ	14	1.3	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	Aroclor 1248	ND	U		1.3	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	Aroclor 1254	140	NJ	14	3.8	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	Aroclor 1260	53	NJ	14	2.7	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-6	0.14			0.05	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-4/10	0.49			0.08	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-7/9	0.13	U	21	0.08	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-8/5	0.41			0.08	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-15	1.0	U	21	0.13	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-19	0.7			0.08	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-18	2.1			0.08	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-17	2.3			0.08	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-24/27	0.98			0.08	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-16/32	2.3			0.08	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-26	1.6			0.07	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-25	0.79			0.07	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-31/28	11			0.07	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-33 /20	0.62			0.07	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-22	0.51			0.07	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-37	0.72			0.07	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-53	1.5			0.12	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-45	0.43			0.12	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-46	0.3			0.12	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-52	12			0.12	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-49	18			0.15	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-47/48	13			0.15	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-44	3.9			0.14	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-42	2.7			0.14	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-41/71/64	8.9			0.14	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-40	1.5			0.16	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-74 /61	5.4			0.16	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-70/76	6.9			0.16	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-66 /80	4.9			0.10	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-81	0.63	U	21	0.10	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-56/60	2.3			0.10	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-77	1.6	U	21	0.10	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-95	4.3			0.09	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-119	0.56			0.09	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-91	1.2			0.09	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-84	1.0			0.09	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-90/101/89	9.7			0.09	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-99	5.3			0.09	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-83	1.2			0.16	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-97 /86	2.4			0.16	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-87	6.2			0.16	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-85	2.2			0.16	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-110	13			0.16	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-82	0.38			0.09	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-107	1.8			0.09	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-114	0.35			0.09	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-126	1.2			0.09	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-136	1.0			0.10	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-151	3.2			0.10	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-144/135	2.5			0.10	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-149	6.6			0.10	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-134 /143	1.1			0.10	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-131	ND	U		0.10	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-146	2.4			0.06	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-118	7.2			0.1	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-123	0.67			0.1	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-105	2.0			0.10	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-153	13			0.07	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-132/168	1.4			0.11	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-141	2.4			0.12	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-130	1.1			0.09	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-137	0.64			0.09	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-138	17			0.09	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-158	0.88			0.09	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-129	0.58			0.09	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-128	1.5			0.13	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-167	0.68	U	21	0.09	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-156	1.8			0.14	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-157	0.64			0.14	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-169	0.37			0.09	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-184	ND	U		0.14	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-179	1.1			0.14	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-176	0.14			0.14	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-178	2.3			0.14	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-175	0.21			0.14	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-187/182	5.9			0.14	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-183	0.96			0.16	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-185	0.23			0.16	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-174 /181	1.7			0.16	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-177	1.5			0.16	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-171	0.62			0.18	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-172	1.1			0.16	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-180	6.1			0.16	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-193	1.2			0.16	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-191	0.24			0.16	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-170 /190	3.8			0.25	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-189	0.34			0.25	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-201 (BZ#200)	ND	U		0.35	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-197	ND	U		0.69	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-200 (BZ#199)	ND	U		0.69	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-198	ND	U		0.69	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-199 (BZ#201)	5.9			0.69	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-196/203	1.8			0.67	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-195	0.71			0.67	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-194	4.0			0.99	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-205	ND	U		0.99	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-208	1.0			0.43	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-207	ND	U		0.43	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-206	1.8			0.43	ng/g-wet weight
6/24/98	HRI-98-04A (Chelsea)	L3172-16	PCB-209	1.0	U	21	0.78	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	% Lipids	3.0				Percent
6/24/98	HRI-98-04B (Chelsea)	L3172-17	Hexachlorobenzene	0.31	U	7	0.09	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	alpha HCH	ND	U		0.15	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	beta HCH	ND	U		0.21	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	gamma HCH	ND	U		0.15	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	delta HCH	ND	U		0.18	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	Heptachlor	ND	U		2.3	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	Aldrin	ND	U		0.26	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	Oxychlordane	ND	U		1.8	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	gamma-Chlordane (trans-)	ND	U		0.35	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	alpha-Chlordane (cis-)	ND	U		0.3	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	o,p'-DDE	0.19	U	21	0.12	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	p,p'-DDE	29			0.14	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	trans-Nonachlor	0.54			0.15	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	o,p'-DDD	0.2			0.1	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	p,p'-DDD	0.78			0.12	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	o,p'-DDT	0.38			0.13	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	p,p'-DDT	0.89			0.16	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	Mirex	ND	U		0.18	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	Photomirex		R	5A		
6/24/98	HRI-98-04B (Chelsea)	L3172-17	Heptachlor Epoxide	ND	U		0.09	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	alpha-Endosulphan (I)	ND	U		0.31	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	Dieldrin	0.66	NJ	3	0.08	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	Endrin	ND	UJ	10	0.2	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	beta-Endosulphan (II)	ND	U		0.36	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	Endrin Aldehyde	0.28	U	7	0.15	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	Endosulphan Sulphate	ND	U		0.42	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	Endrin Ketone	ND	U		0.09	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	Methoxychlor	ND	UJ	10	0.38	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	Aroclor 1242	58	NJ	14	1.3	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	Aroclor 1248	ND	U		1.3	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	Aroclor 1254	130	NJ	14	1.9	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/24/98	HRI-98-04B (Chelsea)	L3172-17	Aroclor 1260	41	NJ	14	5.7	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-6	ND	U		0.1	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-4/10	0.35	U	21	0.10	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-7/9	0.15	U	21	0.10	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-8/5	0.41			0.10	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-15	1.1	U	21	0.16	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-19	0.46			0.09	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-18	1.6			0.09	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-17	2.1			0.09	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-24/27	0.7			0.09	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-16/32	1.8			0.09	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-26	1.4			0.08	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-25	0.72			0.08	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-31/28	12			0.08	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-33 /20	0.59			0.08	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-22	0.49			0.08	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-37	0.58			0.08	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-53	1.2			0.16	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-45	0.34			0.16	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-46	0.19	U	21	0.16	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-52	12			0.16	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-49	16			0.2	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-47/48	13			0.2	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-44	3.7			0.19	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-42	2.5			0.19	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-41/71/64	9.4			0.19	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-40	1.4			0.22	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-74 /61	5.6			0.22	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-70/76	7.9			0.22	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-66 /80	4.9			0.13	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-81	0.57	U	21	0.13	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-56/60	2.3			0.13	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-77	1.6	U	21	0.13	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-95	3.6			0.05	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-119	0.5	U	21	0.05	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-91	1.2			0.05	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-84	0.99			0.05	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-90/101/89	9.3			0.05	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-99	5.1			0.05	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-83	1.1	U	21	0.08	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-97 /86	2.2			0.08	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-87	5.8			0.08	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-85	2.1			0.08	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-110	14			0.08	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-82	0.41			0.05	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-107	1.9			0.05	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-114	0.34			0.05	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-126	1.1			0.04	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-136	0.79			0.36	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-151	2.5			0.36	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-144/135	1.9			0.36	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-149	5.1			0.36	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-134 /143	0.91			0.36	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-131	ND	U		0.36	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-146	2.0			0.23	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-118	7.1			0.05	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-123	0.11			0.05	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-105	1.9			0.04	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-153	11			0.24	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-132/168	1.3			0.38	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-141	2.2			0.4	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-130	0.89			0.3	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-137	0.47			0.3	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-138	15			0.3	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-158	0.84			0.3	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-129	ND	U		0.3	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-128	1.3			0.44	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-167	0.61	U	21	0.3	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-156	1.8			0.49	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-157	0.55			0.49	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-169	0.34			0.3	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-184	ND	U		0.3	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-179	0.65			0.3	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-176	ND	U		0.3	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-178	1.6			0.3	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-175	ND	U		0.3	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-187/182	3.9			0.3	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-183	0.68			0.35	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-185	ND	U		0.35	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-174 /181	1.1			0.35	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-177	0.85			0.35	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-171	0.4			0.38	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-172	1.1			0.34	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-180	4.9			0.34	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-193	0.82			0.34	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-191	ND	U		0.34	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-170 /190	3.0			0.52	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-189	ND	U		0.52	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-201 (BZ#200)	ND	U		0.27	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-197	ND	U		0.53	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-200 (BZ#199)	ND	U		0.52	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-198	ND	U		0.53	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-199 (BZ#201)	4.6			0.53	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-196/203	1.1			0.51	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-195	ND	U		0.51	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-194	3.3			0.75	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-205	ND	U		0.75	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-208	0.39	U	21	0.31	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-207	ND	U		0.31	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-206	1.2			0.31	ng/g-wet weight
6/24/98	HRI-98-04B (Chelsea)	L3172-17	PCB-209	ND	U		0.72	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	% Lipids	3.1				Percent
6/24/98	HRI-98-04C (Chelsea)	L3172-18	Hexachlorobenzene	0.35	U	7	0.06	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	alpha HCH	ND	U		0.43	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	beta HCH	ND	U		0.59	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/24/98	HRI-98-04C (Chelsea)	L3172-18	gamma HCH	ND	U		0.43	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	delta HCH	ND	U		0.43	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	Heptachlor	ND	U		2.0	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	Aldrin	ND	U		0.47	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	Oxychlordane	ND	U		2.2	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	gamma-Chlordane (trans-)	ND	U		0.42	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	alpha-Chlordane (cis-)	ND	U		0.36	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	o,p'-DDE	0.75	J	13	0.06	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	p,p'-DDE	150	J	13	0.07	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	trans-Nonachlor	0.93			0.24	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	o,p'-DDD	0.83			0.07	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	p,p'-DDD	1.3			0.08	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	o,p'-DDT	1.8			0.10	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	p,p'-DDT	1.1			0.12	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	Mirex	ND	U		0.14	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	Photomirex		R	5A		
6/24/98	HRI-98-04C (Chelsea)	L3172-18	Heptachlor Epoxide	ND	U		0.2	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	alpha-Endosulphan (I)	ND	U		0.17	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	Dieldrin	4.9	NJ	3	0.11	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	Endrin	ND	UJ	10	0.29	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	beta-Endosulphan (II)	ND	U		0.2	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	Endrin Aldehyde	0.3	U	7	0.22	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	Endosulphan Sulphate	ND	U		0.23	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	Endrin Ketone	ND	U		0.12	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	Methoxychlor	ND	UJ	10	0.54	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	Aroclor 1242	59	NJ	14	1.7	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	Aroclor 1248	ND	U		1.7	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	Aroclor 1254	140	NJ	14	3.0	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	Aroclor 1260	55	NJ	14	4.0	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-6	ND	U		0.04	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-4/10	0.42			0.06	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-7/9	0.2	U	21	0.06	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-8/5	0.46			0.06	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-15	1.0	U	21	0.10	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-19	0.52			0.11	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-18	2.0			0.11	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-17	2.6			0.11	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-24/27	0.94			0.11	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-16/32	2.0			0.11	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-26	1.4			0.09	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-25	0.72			0.09	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-31/28	11			0.09	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-33 /20	0.71			0.09	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-22	0.56			0.09	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-37	0.60			0.09	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-53	1.6			0.13	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-45	0.49			0.13	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-46	0.24			0.13	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-52	13			0.13	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-49	19			0.16	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-47/48	15			0.16	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-44	4.3			0.16	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-42	3.2			0.16	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-41/71/64	9.9			0.16	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-40	1.6			0.18	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-74 /61	5.9			0.18	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-70/76	7.8			0.18	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-66 /80	5.2			0.11	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-81	0.53	U	21	0.11	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-56/60	2.5			0.11	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-77	1.9	U	21	0.11	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-95	4.2			0.07	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-119	0.58			0.07	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-91	1.2			0.07	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-84	1.0			0.07	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-90/101/89	11			0.07	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-99	5.4			0.07	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-83	1.1			0.12	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-97 /86	2.4			0.12	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-87	5.8			0.12	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-85	2.8			0.12	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-110	14			0.12	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-82	0.41			0.07	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-107	1.8			0.07	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-114	0.34			0.07	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-126	1.1			0.07	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-136	0.87	U	21	0.24	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-151	3.0			0.24	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-144/135	2.2			0.24	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-149	6.1			0.24	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-134 /143	1.1			0.24	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-131	ND	U		0.24	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-146	2.3			0.16	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-118	7.5			0.08	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-123	0.12			0.08	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-105	2.1			0.08	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-153	13			0.18	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-132/168	1.3			0.27	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-141	2.3	U	21	0.29	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-130	1.2			0.21	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-137	0.65			0.21	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-138	17			0.21	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-158	0.7			0.21	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-129	0.63			0.21	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-128	1.1			0.31	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-167	0.65	U	21	0.21	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-156	1.6			0.35	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-157	0.65			0.35	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-169	0.43			0.21	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-184	ND	U		0.21	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-179	0.89			0.21	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-176	ND	U		0.21	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-178	2.2			0.21	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-175	ND	U		0.21	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-187/182	5.9			0.21	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-183	0.87			0.24	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-185	0.28			0.24	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-174 /181	1.8			0.24	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-177	1.3			0.24	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-171	0.62			0.26	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-172	0.96			0.24	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-180	6.5			0.24	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-193	1.2			0.24	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-191	0.32			0.24	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-170 /190	3.9			0.37	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-189	ND	U		0.37	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-201 (BZ#200)	ND	U		0.18	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-197	ND	U		0.36	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-200 (BZ#199)	ND	U		0.36	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-198	0.49			0.36	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-199 (BZ#201)	7.3			0.36	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-196/203	1.7			0.35	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-195	0.69	U	21	0.35	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-194	4.8			0.51	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-205	0.61	U	21	0.51	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-208	1.0			0.47	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-207	ND	U		0.47	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-206	1.5	U	21	0.47	ng/g-wet weight
6/24/98	HRI-98-04C (Chelsea)	L3172-18	PCB-209	0.66	U	21	0.46	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	% Lipids	3.1				Percent
6/24/98	HRI-98-04D (Chelsea)	L3172-19	Hexachlorobenzene	0.3	U	7	0.15	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	alpha HCH	ND	U		0.41	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	beta HCH	ND	U		0.56	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	gamma HCH	ND	U		0.41	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	delta HCH	ND	U		0.41	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	Heptachlor	ND	U		2.2	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	Aldrin	ND	U		0.41	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	Oxychlordane	ND	U		1.2	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	gamma-Chlordane (trans-)	ND	U		0.24	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	alpha-Chlordane (cis-)	ND	U		0.2	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/24/98	HRI-98-04D (Chelsea)	L3172-19	o,p'-DDE	0.36			0.09	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	p,p'-DDE	53			0.11	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	trans-Nonachlor	0.64			0.23	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	o,p'-DDD	0.34			0.05	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	p,p'-DDD	0.88			0.05	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	o,p'-DDT	0.76			0.11	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	p,p'-DDT	0.71			0.14	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	Mirex	ND	U		0.18	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	Photomirex		R	5A		
6/24/98	HRI-98-04D (Chelsea)	L3172-19	Heptachlor Epoxide	ND	U		0.25	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	alpha-Endosulphan (I)	ND	U		0.28	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	Dieldrin	1.4	NJ	3	0.12	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	Endrin	ND	UJ	10	0.32	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	beta-Endosulphan (II)	ND	U		0.32	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	Endrin Aldehyde	0.29	U	7	0.24	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	Endosulphan Sulphate	ND	U		0.38	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	Endrin Ketone	ND	U		0.14	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	Methoxychlor	ND	UJ	10	0.59	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	Aroclor 1242	54	NJ	14	1.4	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	Aroclor 1248	ND	U		1.4	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	Aroclor 1254	130	NJ	14	2.0	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	Aroclor 1260	52	NJ	14	2.4	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-6	ND	U		0.08	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-4/10	0.38			0.05	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-7/9	0.4	U	21	0.05	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-8/5	0.34			0.05	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-15	0.87			0.07	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-19	0.54			0.10	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-18	1.6			0.10	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-17	2.0			0.10	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-24/27	0.71			0.10	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-16/32	1.9			0.10	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-26	1.2			0.08	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-25	0.74			0.08	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-31/28	11			0.08	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-33 /20	0.67			0.08	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-22	0.52			0.08	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-37	0.56			0.08	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-53	1.3			0.15	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-45	0.44	U	21	0.15	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-46	0.22			0.15	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-52	11			0.15	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-49	16			0.19	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-47/48	13			0.19	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-44	3.7			0.18	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-42	2.7			0.18	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-41/71/64	9			0.18	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-40	1.4			0.21	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-74 /61	5.4			0.21	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-70/76	7.1			0.21	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-66 /80	4.6			0.12	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-81	0.58	U	21	0.12	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-56/60	2.3			0.12	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-77	1.6	U	21	0.12	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-95	3.6			0.05	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-119	0.53			0.05	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-91	1.1			0.05	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-84	0.82			0.05	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-90/101/89	9.2			0.05	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-99	4.9			0.05	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-83	1.2			0.08	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-97 /86	2.1			0.08	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-87	5.7			0.08	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-85	2.6			0.08	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-110	12			0.08	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-82	0.4			0.05	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-107	1.8			0.05	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-114	0.29			0.05	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-126	1.1			0.04	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-136	0.77			0.11	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-151	3.0			0.11	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-144/135	2.2			0.11	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-149	5.4			0.11	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-134 /143	1.0			0.11	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-131	ND	U		0.11	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-146	2.0			0.07	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-118	6.9			0.06	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-123	0.14			0.06	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-105	2.0			0.05	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-153	11			0.08	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-132/168	1.2			0.12	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-141	2.2			0.13	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-130	0.94			0.10	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-137	0.55			0.10	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-138	16			0.10	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-158	0.76			0.10	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-129	0.68			0.10	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-128	1.3			0.14	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-167	0.73	U	21	0.10	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-156	1.9			0.16	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-157	0.62			0.16	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-169	0.38			0.10	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-184	ND	U		0.13	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-179	0.84			0.13	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-176	ND	U		0.13	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-178	2.0			0.13	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-175	0.2			0.13	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-187/182	4.9			0.13	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-183	0.83			0.15	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-185	0.28			0.15	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-174 /181	1.6			0.15	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-177	1.1			0.15	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-171	0.44			0.16	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-172	1.3			0.15	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-180	6.2			0.15	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-193	0.99			0.15	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-191	0.26			0.15	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-170 /190	3.6			0.23	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-189	0.3			0.23	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-201 (BZ#200)	ND	U		0.26	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-197	ND	U		0.51	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-200 (BZ#199)	ND	U		0.51	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-198	ND	U		0.51	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-199 (BZ#201)	6.6			0.51	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-196/203	1.8			0.5	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-195	0.85			0.5	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-194	4.9			0.73	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-205	ND	U		0.73	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-208	1.2			0.37	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-207	ND	U		0.37	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-206	1.7			0.37	ng/g-wet weight
6/24/98	HRI-98-04D (Chelsea)	L3172-19	PCB-209	0.62	U	21	0.39	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	% Lipids	3.2				Percent
6/24/98	HRI-98-04E (Chelsea)	L3172-20	Hexachlorobenzene	0.32	U	7	0.15	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	alpha HCH	ND	U		0.3	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	beta HCH	ND	U		0.41	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	gamma HCH	ND	U		0.3	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	delta HCH	ND	U		0.3	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	Heptachlor	ND	U		1.5	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	Aldrin	ND	U		0.5	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	Oxychlordane	ND	U		1.8	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	gamma-Chlordane (trans-)	ND	U		0.29	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	alpha-Chlordane (cis-)	ND	U		0.25	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	o,p'-DDE	0.42			0.08	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	p,p'-DDE	67			0.10	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	trans-Nonachlor	0.95			0.12	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	o,p'-DDD	0.4	U	21	0.05	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	p,p'-DDD	0.99			0.06	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	o,p'-DDT	0.74			0.11	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	p,p'-DDT	1.0			0.15	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/24/98	HRI-98-04E (Chelsea)	L3172-20	Mirex	ND	U		0.17	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	Photomirex		R	5A		
6/24/98	HRI-98-04E (Chelsea)	L3172-20	Heptachlor Epoxide	ND	U		0.2	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	alpha-Endosulphan (I)	ND	U		0.19	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	Dieldrin	3.9	NJ	3	0.13	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	Endrin	ND	UJ	10	0.33	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	beta-Endosulphan (II)	ND	U		0.22	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	Endrin Aldehyde	0.32	U	7	0.25	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	Endosulphan Sulphate	ND	U		0.26	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	Endrin Ketone	ND	U		0.14	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	Methoxychlor	ND	UJ	10	0.62	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	Aroclor 1242	68	NJ	14	1.8	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	Aroclor 1248	ND	U		1.8	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	Aroclor 1254	150	NJ	14	2.3	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	Aroclor 1260	55	NJ	14	1.9	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-6	ND	U		0.06	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-4/10	0.34			0.02	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-7/9	1.0	U	21	0.02	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-8/5	0.47			0.02	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-15	1			0.03	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-19	0.44			0.12	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-18	1.7			0.12	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-17	2.5			0.12	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-24/27	0.75			0.12	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-16/32	2.0			0.12	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-26	1.4			0.10	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-25	0.86			0.10	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-31/28	14			0.10	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-33 /20	0.76			0.10	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-22	0.59			0.10	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-37	0.92	U	21	0.10	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-53	1.7			0.14	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-45	0.49			0.14	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-46	0.2			0.14	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-52	14			0.14	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-49	23			0.18	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-47/48	17			0.18	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-44	4.9			0.17	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-42	3.4			0.17	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-41/71/64	11			0.17	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-40	1.8			0.19	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-74 /61	6.5			0.19	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-70/76	8.1			0.19	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-66 /80	6.1			0.11	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-81	0.77	U	21	0.11	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-56/60	2.5			0.11	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-77	1.9	U	21	0.11	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-95	4.9			0.06	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-119	0.69			0.06	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-91	1.5			0.06	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-84	1.1			0.06	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-90/101/89	12			0.06	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-99	6.1			0.06	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-83	1.4			0.10	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-97 /86	2.5			0.10	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-87	6.3			0.10	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-85	2.9			0.10	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-110	16			0.10	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-82	0.31			0.06	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-107	1.9			0.06	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-114	0.32			0.06	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-126	1.2			0.05	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-136	1.1			0.19	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-151	3.4			0.19	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-144/135	2.4			0.19	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-149	7.5			0.19	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-134 /143	0.9			0.19	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-131	ND	U		0.19	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-146	2.3			0.12	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-118	8.0			0.07	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-123	0.11	U	21	0.07	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-105	2.3			0.06	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-153	14			0.12	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-132/168	1.4			0.19	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-141	2.0			0.2	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-130	0.96			0.15	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-137	0.68			0.15	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-138	16			0.15	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-158	0.78			0.15	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-129	0.62			0.15	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-128	1.4			0.22	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-167	0.62	U	21	0.15	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-156	1.9			0.24	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-157	0.95			0.24	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-169	0.57			0.15	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-184	ND	U		0.1	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-179	1.1			0.1	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-176	0.16			0.1	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-178	2.0			0.1	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-175	0.17			0.1	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-187/182	5.4			0.1	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-183	0.92			0.12	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-185	0.28			0.12	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-174 /181	1.5			0.12	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-177	1.3			0.12	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-171	0.59			0.13	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-172	1.0			0.11	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-180	6.6			0.11	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-193	1.2			0.11	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-191	0.18			0.11	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-170 /190	3.8			0.17	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-189	0.3			0.17	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-201 (BZ#200)	ND	U		0.33	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-197	ND	U		0.65	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-200 (BZ#199)	ND	U		0.65	ng/g-wet weight

*See Qualifier Codes table at end.

SAMPLING DATE	FIELD ID	LABORATORY ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER*	QUALIFIER REASON CODE*	DETECTION LIMIT	UNITS
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-198	ND	U		0.65	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-199 (BZ#201)	6.3			0.65	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-196/203	1.7			0.63	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-195	ND	U		0.63	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-194	4.1			0.93	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-205	ND	U		0.93	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-208	0.89			0.35	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-207	ND	U		0.35	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-206	1.4	U	21	0.35	ng/g-wet weight
6/24/98	HRI-98-04E (Chelsea)	L3172-20	PCB-209	0.5	U	21	0.32	ng/g-wet weight

*See Qualifier Codes table at end.

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SAMPLING DATE	FIELD ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER	QUALIFIER REASON CODE	DETECTION LIMIT	UNITS
6/10/98	HRI-98-01A (Remnant #4)	Chromium	ND	U		0.029	mg/kg-wet weight
6/10/98	HRI-98-01A (Remnant #4)	Cadmium	0.043			0.002	mg/kg-wet weight
6/10/98	HRI-98-01A (Remnant #4)	Lead	0.142			0.003	mg/kg-wet weight
6/10/98	HRI-98-01A (Remnant #4)	Mercury	0.0396	J	14	0.0009	mg/kg-wet weight
6/10/98	HRI-98-01A (Remnant #4)	% Total Solids	30.2				percent
6/10/98	HRI-98-01B (Remnant #4)	Chromium	0.080	J	14	0.031	mg/kg-wet weight
6/10/98	HRI-98-01B (Remnant #4)	Cadmium	0.041			0.002	mg/kg-wet weight
6/10/98	HRI-98-01B (Remnant #4)	Lead	0.103			0.004	mg/kg-wet weight
6/10/98	HRI-98-01B (Remnant #4)	Mercury	0.0380	J	14	0.0009	mg/kg-wet weight
6/10/98	HRI-98-01B (Remnant #4)	% Total Solids	31.9				percent
6/10/98	HRI-98-01C (Remnant #4)	Chromium	0.094	J	14	0.031	mg/kg-wet weight
6/10/98	HRI-98-01C (Remnant #4)	Cadmium	0.045			0.002	mg/kg-wet weight
6/10/98	HRI-98-01C (Remnant #4)	Lead	0.098			0.003	mg/kg-wet weight
6/10/98	HRI-98-01C (Remnant #4)	Mercury	0.0372	J	14	0.0009	mg/kg-wet weight
6/10/98	HRI-98-01C (Remnant #4)	% Total Solids	31.8				percent
6/10/98	HRI-98-01D (Remnant #4)	Chromium	0.095	J	14	0.030	mg/kg-wet weight
6/10/98	HRI-98-01D (Remnant #4)	Cadmium	0.043			0.002	mg/kg-wet weight
6/10/98	HRI-98-01D (Remnant #4)	Lead	0.096			0.003	mg/kg-wet weight
6/10/98	HRI-98-01D (Remnant #4)	Mercury	0.0376	J	14	0.0009	mg/kg-wet weight
6/10/98	HRI-98-01D (Remnant #4)	% Total Solids	30.6				percent
6/10/98	HRI-98-01E (Remnant #4)	Chromium	0.084	J	14	0.031	mg/kg-wet weight
6/10/98	HRI-98-01E (Remnant #4)	Cadmium	0.048			0.002	mg/kg-wet weight
6/10/98	HRI-98-01E (Remnant #4)	Lead	0.103			0.004	mg/kg-wet weight
6/10/98	HRI-98-01E (Remnant #4)	Mercury	0.0408	J	14	0.0009	mg/kg-wet weight
6/10/98	HRI-98-01E (Remnant #4)	% Total Solids	32.1				percent
5/28/98	HRI-98-02A (Special Area 13)	Chromium	0.187	J	14	0.029	mg/kg-wet weight
5/28/98	HRI-98-02A (Special Area 13)	Cadmium	0.082			0.002	mg/kg-wet weight
5/28/98	HRI-98-02A (Special Area 13)	Lead	0.220			0.003	mg/kg-wet weight
5/28/98	HRI-98-02A (Special Area 13)	Mercury	0.0297	J	14	0.0009	mg/kg-wet weight
5/28/98	HRI-98-02A (Special Area 13)	% Total Solids	30.3				percent
5/28/98	HRI-98-02B (Special Area 13)	Chromium	0.317	J	14	0.027	mg/kg-wet weight
5/28/98	HRI-98-02B (Special Area 13)	Cadmium	0.080			0.001	mg/kg-wet weight
5/28/98	HRI-98-02B (Special Area 13)	Lead	0.216			0.003	mg/kg-wet weight

SAMPLING DATE	FIELD ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER	QUALIFIER REASON CODE	DETECTION LIMIT	UNITS
5/28/98	HRI-98-02B (Special Area 13)	Mercury	0.0299	J	14	0.0008	mg/kg-wet weight
5/28/98	HRI-98-02B (Special Area 13)	% Total Solids	27.7				percent
5/28/98	HRI-98-02C (Special Area 13)	Chromium	0.098	J	14	0.027	mg/kg-wet weight
5/28/98	HRI-98-02C (Special Area 13)	Cadmium	0.069			0.001	mg/kg-wet weight
5/28/98	HRI-98-02C (Special Area 13)	Lead	0.376			0.003	mg/kg-wet weight
5/28/98	HRI-98-02C (Special Area 13)	Mercury	0.0305	J	14	0.0008	mg/kg-wet weight
5/28/98	HRI-98-02C (Special Area 13)	% Total Solids	28.0				percent
5/28/98	HRI-98-02D (Special Area 13)	Chromium	0.027	J	14	0.029	mg/kg-wet weight
5/28/98	HRI-98-02D (Special Area 13)	Cadmium	0.080			0.001	mg/kg-wet weight
5/28/98	HRI-98-02D (Special Area 13)	Lead	0.265			0.003	mg/kg-wet weight
5/28/98	HRI-98-02D (Special Area 13)	Mercury	0.0280	J	14	0.0009	mg/kg-wet weight
5/28/98	HRI-98-02D (Special Area 13)	% Total Solids	29.9				percent
5/28/98	HRI-98-02E (Special Area 13)	Chromium	0.055	J	14	0.023	mg/kg-wet weight
5/28/98	HRI-98-02E (Special Area 13)	Cadmium	0.062			0.001	mg/kg-wet weight
5/28/98	HRI-98-02E (Special Area 13)	Lead	0.220			0.003	mg/kg-wet weight
5/28/98	HRI-98-02E (Special Area 13)	Mercury	0.0301	J	14	0.0007	mg/kg-wet weight
5/28/98	HRI-98-02E (Special Area 13)	% Total Solids	23.9				percent
6/16/98	HRI-98-03A (Saratoga Battlefield)	Chromium	0.142	J	14	0.029	mg/kg-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	Cadmium	0.065			0.001	mg/kg-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	Lead	0.088			0.003	mg/kg-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	Mercury	0.0385	J	14	0.0009	mg/kg-wet weight
6/16/98	HRI-98-03A (Saratoga Battlefield)	% Total Solids	29.4				percent
6/16/98	HRI-98-03B (Saratoga Battlefield)	Chromium	0.150	J	14	0.030	mg/kg-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	Cadmium	0.088			0.002	mg/kg-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	Lead	0.145			0.003	mg/kg-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	Mercury	0.0402	J	14	0.0009	mg/kg-wet weight
6/16/98	HRI-98-03B (Saratoga Battlefield)	% Total Solids	30.7				percent
6/16/98	HRI-98-03C (Saratoga Battlefield)	Chromium	0.288	J	14	0.031	mg/kg-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	Cadmium	0.084			0.002	mg/kg-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	Lead	0.110			0.003	mg/kg-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	Mercury	0.0496	J	14	0.0009	mg/kg-wet weight
6/16/98	HRI-98-03C (Saratoga Battlefield)	% Total Solids	31.6				percent
6/16/98	HRI-98-03D (Saratoga Battlefield)	Chromium	0.093	J	14	0.032	mg/kg-wet weight

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SAMPLING DATE	FIELD ID	ANALYTE	VALUE	INTERPRETIVE QUALIFIER	QUALIFIER REASON CODE	DETECTION LIMIT	UNITS
6/16/98	HRI-98-03D (Saratoga Battlefield)	Cadmium	0.088			0.002	mg/kg-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	Lead	0.140			0.004	mg/kg-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	Mercury	0.0335	J	14	0.001	mg/kg-wet weight
6/16/98	HRI-98-03D (Saratoga Battlefield)	% Total Solids	33.5				percent
6/16/98	HRI-98-03E (Saratoga Battlefield)	Chromium	0.081	J	14	0.031	mg/kg-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	Cadmium	0.065			0.002	mg/kg-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	Lead	0.116			0.004	mg/kg-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	Mercury	0.0387	J	14	0.0009	mg/kg-wet weight
6/16/98	HRI-98-03E (Saratoga Battlefield)	% Total Solids	32.0				percent
6/24/98	HRI-98-04A (Chelsea)	Chromium	ND	U		0.031	mg/kg-wet weight
6/24/98	HRI-98-04A (Chelsea)	Cadmium	0.192			0.002	mg/kg-wet weight
6/24/98	HRI-98-04A (Chelsea)	Lead	0.144			0.004	mg/kg-wet weight
6/24/98	HRI-98-04A (Chelsea)	Mercury	0.0314	J	14	0.0009	mg/kg-wet weight
6/24/98	HRI-98-04A (Chelsea)	% Total Solids	32.0				percent

Qualifier Codes

Interpretive Qualifier Definitions

J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
UJ	The analyte should not be considered detected above the reported value, and the reported value is an estimated detection limit.
U	The analyte was analyzed for, but was not detected above the reported value.
NJ	The analyte was tentatively identified and the associated numerical value is an estimated quantity.
R	Rejected. The data could not be reported, see data validation report for details.

Validation Qualifier Reason Codes

3	Compound confirmation not performed.
5A	Initial Calibration not performed
7	Blank Contamination
9	Laboratory Duplicate Precision (RPD > 30%)
10	LCS (percent recovery outside MQO)
13	Surrogate (percent recovery outside MQO)
14	Other (see data validation report)
21	Potential False Positive


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


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