New York State
Department of Environmental Conservation

Division of Environmental Remediation
625 Broadway, Albany, New York 12233-7016

ONONDAGA LAKE

REMEDIAL INVESTIGATION REPORT

Syracuse, New York

NYSDEC revision prepared by: TAMS AN EARTH TECH COMPANY - 655 Third Avenue, New York, NY 10017

and **YEC, Inc.** - Valley Cottage, NY

Original document prepared by: **Exponent** - Bellevue, WA

for **Honeywell** - East Syracuse, NY

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Volume 2 of 3
(Appendices A through D)

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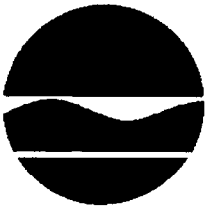

Onondaga Lake Project
Site No. 7-34-030-002
Contract Number C004365, Task Order 1

NYSDEC revision prepared by

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December 2002

Appendix A

Supplemental Lake Water Sampling Data (1999 and 2001)

Appendix A1

Sampling Locations (1999)

Table A-1. Locations of Supplemental Lake Water Sampling Stations in 1999

Location	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds
W1	43	4	41.833	76	11	50.6487
W2	43	6	3.7046	76	13	55.7469
W12	43	6	54.879	76	14	32.6947
W50	43	4	3.6346	76	11	55.0259
W51	43	4	25.27	76	12	20.3824
W52	43	5	2.5396	76	12	48.5888
W53	43	5	23.038	76	13	32.1143
W54	43	6	28.425	76	14	40.2886
W55	43	3	49.133	76	11	10.8281
W56	43	6	49.716	76	14	2.8697
W57	43	5	58.181	76	12	37.856
W58	43	5	0.8122	76	11	17.1899

Source: Exponent, 2001c

Appendix A2

Field Parameters (1999)

Table A-2. 1999 Onondaga Lake Water Sampling Field Parameters

Station	Depth (m)	Date	pH (S.U.)	Dissolved Oxygen (mg/L)	Temperature (°C)	Turbidity (NTU)	Conductivity (mS/cm)	ORP (mV)	Specific Conductivity (mS/cm)	Sample Number	Duplicate Sample
W1	0	09/27/99	8.5	10.1	18	1	13	149.7		LW0001	
W1	3	09/27/99	8.42	10.5	19	1	2.3	162		LW0002	
W1	6	09/27/99	8.6	10.7	19	NR	2.3	148.5		LW0003	
W1	9	09/27/99	8.36	11.1	18	NR	2.4	166.4		LW0004	
W1	12	09/27/99	NR	13.5	14	1	2.4	–282		LW0005	
W1	15	09/27/99	NR	14.3	10	1	2.4	–260		LW0006	
W1	17.5	09/27/99	NR	16.9	8	3	2.4	–249		LW0007	
W12	0.9	09/28/99	7.78	9.1	19.1	–10	2.21	NR		no sample	
W12	2	09/28/99	7.9	9.82	19.1	–10	2.22	104.8		LW0015	LW0016
W12	2.9	09/28/99	7.72	9.3	19	–10	2.23			no sample	
W12	5.5	09/28/99	NR	NR	18.8	–10	2.21	NR		no sample	
W2	0	09/27/99	6.94	10.5	17	1	2.3	252.8		LW0008	
W2	3	09/27/99	6.82	9.9	20	9	2.2	258.2		LW0009	
W2	6	09/27/99	7.04	10	21	8	2.2	246.5		LW0010	
W2	9	09/27/99	7.25	11.4	19	7	2.2	235.5		LW0011	
W2	12	09/27/99	13.3	13	16	7	2.4	–165		LW0012	
W2	15	09/27/99	9.5	13	16	1	2.4	100.1		LW0013	
W2	18	09/27/99	NR	13.6	15	1	2.3	–276.2		LW0014	
W50	0.75	09/28/99	8.18	8.64	20.5	–10	2.2	93.7		LW0022	
W51	0.6	09/28/99	8.11	8.19	19	–10	2.21	95.9		LW0021	
W52	0.6	09/28/99	8.29	10.45	19.5	–10	2.22	101.3		LW0020	
W53	0.6	09/28/99	8.3	10.32	20	–10	2.23	118		LW0019	LW0026
W54	0.1	09/28/99	7.85	10.88	21.1	–10	2.21	107		LW0017	
W55	0.6	09/28/99	8.05	7.68	18.8	1	2.18	96.8		LW0023	
W56	0.5	09/28/99	8.11	8.62	19.6	–10	2.23	137.7		LW0018	
W57	0.5	09/28/99	8.36	11.48	21.3	–10	2.21	128		LW0025	
W58	0.7	09/28/99	8.32	11.65	21.6	–10	2.21	92.9		LW0024	
W12	1	10/14/99	7.49	3.35	14	13.5	1.821	19.1	2,304	LW0042	
W12	3	10/14/99	7.49	3.54	13.98	10.6	1.818	10.3	2,303	LW0043	
W1	0	10/15/99	7.75	6.86	14.45	–4.5	1.809	–5.6	2,266	LW0028	
W1	3	10/15/99	7.71	6.39	14.2	–4.4	1.796	9.3	2,262	LW0029	
W1	6	10/15/99	7.72	6.27	14.19	–4.5	1.794	16.3	2,261	LW0030	
W1	9	10/15/99	6.87	7.62	14.3	–10	2.37	NR		LW0031	LW0027
W1	12	10/15/99	7.24	4.65	14.2	–10	2.33	NR		LW0032	
W1	15	10/15/99	7.26	3	13.9	–10	2.37	NR		LW0033	
W1	18	10/15/99	7.22	2.3	13.2	–10	2.47	NR		LW0034	
W2	0	10/15/99	7.66	5.62	14.13	–0.5	1.81	57	2,284	LW0035	

Table A-2. (cont.)

Station	Depth (m)	Date	pH (S.U.)	Dissolved Oxygen (mg/L)	Temperature (°C)	Turbidity (NTU)	Conductivity (mS/cm)	ORP (mV)	Specific Conductivity (mS/cm)	Sample Number	Duplicate Sample
W2	3	10/15/99	7.65	5.48	14.13	–4.8	1.808	58.7	2,281	LW0036	
W2	6	10/15/99	7.64	5.22	14.13	–4.6	1.807	59.8	2,279	LW0037	
W2	9	10/15/99	7.64	5.14	14.12	–4.3	1.806	60.9	2,282	LW0038	
W2	12	10/15/99	7.61	5.12	14.11	–4.6	1.807	62.3	2,282	LW0039	
W2	15	10/15/99	7.56	3.55	13.9	2.8	1.8	–144.1	2,284	LW0040	
W2	18	10/15/99	7.32	0.59	11.92	38.1	1.826	–265.1	2,412	LW0041	
W2	0	10/25/99	7.48	7.22	12.48	6.9	1.764	35.5	2,317	LW0052	
W2	3	10/25/99	7.63	6.31	12.52	6.9	1.764	40.4	2,317	LW0053	
W2	6	10/25/99	7.65	5.89	12.52	6.3	1.764	43.1	2,316	LW0054	
W2	9	10/25/99	7.64	6.42	12.52	6.5	1.761	44.4	2,317	LW0055	
W2	12	10/25/99	7.65	5.94	12.51	6.3	1.762	45.4	2,312	LW0056	
W2	15	10/25/99	7.65	6.43	12.5	6.2	1.765	46.1	2,314	LW0057	
W2	18	10/25/99	7.63	5.76	12.47	10.9	1.767	–33.3	2,326	LW0058	
W1	0	10/25/99	7.73	7.18	12.52	5.9	1.776	13.3	2,333	LW0044	
W1	3	10/25/99	7.71	7.19	12.48	6.4	1.774	19.4	2,332	LW0045	
W1	6	10/25/99	7.7	6.07	12.45	6.1	1.772	24.6	2,329	LW0046	
W1	9	10/25/99	7.69	6.02	12.44	8	1.77	28.4	2,327	LW0047	LW0051
W1	12	10/25/99	7.68	6.32	12.4	6.3	1.767	31.3	2,325	LW0048	
W1	15	10/25/99	7.68	5.86	12.4	6.2	1.765	33.5	2,324	LW0049	
W1	18	10/25/99	7.67	5.56	12.27	7.5	1.757	34.9	2,321	LW0050	
W58	0	10/25/99	7.7	7.34	11.23	9.7	1.615	39.5	2,190	LW0061	
W54	0	10/25/99	7.74	5.95	12.2	7.2	1.76	28.6	2,330	LW0060	
W52	0	10/25/99	7.8	6.99	12.1	7.5	1.779	30.5	2,359	LW0059	
W12	1	10/26/99	7.81	6.54	12.03	7.6	1.749	66.3	2,325	no sample	
W12	2	10/26/99	7.78	6.05	12.04	7.3	1.751	58.6	2,327	LW0062	
W12	3	10/26/99	7.77	5.91	12.04	7	1.752	53.5	2,329	no sample	
W12	4	10/26/99	7.76	5.83	12.05	7.2	1.753	49.9	2,328	no sample	
W12	5	10/26/99	7.75	5.8	12.04	7.2	1.75	47.1	2,327	no sample	
W12	6	10/26/99	7.75	5.8	12.04	46.7	1.752	44.2	2,328	no sample	
W1	0	11/09/99	7.3	9.5	10.83	8	1.729	155.2	2,371	LW0063	
W1	3	11/09/99	7.79	8.7	10.82	9	1.734	107.4	2,378	LW0064	
W1	6	11/09/99	7.81	8.43	10.8	8	1.734	93.3	2,379	LW0065	
W1	9	11/09/99	7.81	8.56	10.78	7.6	1.734	76.3	2,382	LW0066	
W1	12	11/09/99	7.81	8.55	10.77	7.4	1.736	73.3	2,392	LW0067	LW0068
W1	15	11/09/99	7.8	8.77	10.75	8	1.736	71.1	2,384	LW0069	
W1	18	11/09/99	7.8	8.62	10.73	7.3	1.739	73.1	2,390	LW0070	
W1	0	12/02/99	7.87	9.98	7.13	4.9	1.426	NR		LW0071	
W1	3	12/02/99	7.88	9.66	7.13	4.4	1.426	NR		LW0072	
W1	6	12/02/99	7.87	9.39	7.12	3.8	1.427	NR		LW0073	

Table A-2. (cont.)

Station	Depth (m)	Date	pH (S.U.)	Dissolved Oxygen (mg/L)	Temperature (°C)	Turbidity (NTU)	Conductivity (mS/cm)	ORP (mV)	Specific Conductivity (mS/cm)	Sample Number	Duplicate Sample
W1	9	12/02/99	7.87	9.87	7.12	3.4	1.437	NR		LW0074	
W1	12	12/02/99	7.87	9.46	7.1	3.1	1.441	NR		LW0075	LW0076
W1	15	12/02/99	7.89	9.51	7.11	3.1	1.442	NR		LW0077	
W1	18	12/02/99	7.88	9.21	7.11	2.9	1.446	NR		LW0078	
W12	0	12/02/99	7.89	9.39	7.17	NR	1.487	NR		no sample	
W12	0.3	12/02/99	7.89	9.31	7.19	NR	1.488	NR		no sample	
W12	0.6	12/02/99	7.88	9.23	7.19	NR	1.487	NR		no sample	
W12	1	12/02/99	7.88	9.14	7.19	2.3	1.487	NR		no sample	
W12	2	12/02/99	7.89	9.24	7.14	NR	1.486	NR		LW0079	
W12	3	12/02/99	7.88	8.91	7.16	NR	1.485	NR		no sample	
W12	4	12/02/99	7.87	8.76	7.14	NR	1.484	NR		no sample	
W12	5	12/02/99	7.86	8.77	7.13	NR	1.483	NR		no sample	
W12	6	12/02/99	7.84	8.57	7.11	NR	1.472	NR		no sample	

Source: Exponent, 2001c

Notes: NR - Not Recorded
ORP - Oxidation/Reduction Potential

Appendix A3

Chemical Data Tables (1999)

Table A3-1. Volatile Organic Compounds in Supplemental Lake Water Samples – 1999

	Station:	W1	W2	W50	W51	W52	W53	W53	W54	W55	W56	W57	W58
	Date:	9/27/1999	9/27/1999	9/28/1999	9/28/1999	9/28/1999	9/28/1999	9/28/1999	9/28/1999	9/28/1999	9/28/1999	9/28/1999	9/28/1999
	Depth (m):	0	0	1	0	1	1	1	0	0	1	0	1
	Duplicate:						1	2					
	Sample Number:	LW0001	LW0008	LW0022	LW0021	LW0020	LW0019	LW0026	LW0017	LW0023	LW0018	LW0025	LW0024
Chemical	**Units**												
Volatile Organics Compounds													
1,1,1-Trichloroethane	µg/L-ww	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	µg/L-ww	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
1,1,2-Trichloroethane	µg/L-ww	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	µg/L-ww	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	µg/L-ww	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	µg/L-ww	0.5 U	0.5 U	3.2	0.11 J	0.5 UJ	0.5 U	0.5 UJ	0.5 U	0.17 J	0.5 U	0.5 UJ	0.5 U
1,2-Dichloroethane	µg/L-ww	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	µg/L-ww	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	µg/L-ww	0.18 J	0.15 J	3.4	0.31 J	0.16 J	0.18 J	0.5 U	0.16 J	0.53	0.14 J	0.5 U	0.19 J
2-Butanone	µg/L-ww	10 UJ	10 UJ	10 UJ	10 UJ	10 U	10 UJ	10 U	10 UJ	10 UJ	10 UJ	10 U	10 UJ
2-Hexanone	µg/L-ww	5 U	5 U	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	µg/L-ww	5 U	5 U	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	µg/L-ww	10 UR	10 UR	10 UR	10 UR	10 UR	10 UR	10 UR	10 UR	10 UR	10 UR	10 UR	10 UR
Benzene	µg/L-ww	0.5 U	0.5 U	6.3	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.11 J	0.5 U	0.5 U	0.5 U
Bromodichloromethane	µg/L-ww	0.12 J	0.5 U	0.24 J	0.22 J	0.5 U	0.5 U	0.5 U	0.5 U	0.17 J	0.5 U	0.5 U	0.5 U
Bromoform	µg/L-ww	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	µg/L-ww	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	µg/L-ww	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon tetrachloride	µg/L-ww	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	µg/L-ww	0.5 U	0.5 U	12	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.51	0.5 U	0.5 U	0.5 U
Chloroethane	µg/L-ww	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	µg/L-ww	0.45 J	0.2 J	0.84	0.85 J	0.22 J	0.16 J	0.16 J	0.15 J	0.59	0.13 J	0.19 J	0.36 J
Chloromethane	µg/L-ww	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,2-dichloroethene	µg/L-ww	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cis-1,3-dichloropropene	µg/L-ww	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	µg/L-ww	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	µg/L-ww	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene chloride	µg/L-ww	0.21 UJ	0.14 UJ	0.34 UJ	0.17 UJ	0.16 UJ	0.17 UJ	0.15 UJ	0.44 UJ	0.19 UJ	0.33 UJ	0.13 UJ	0.19 UJ
Styrene	µg/L-ww	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	µg/L-ww	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table A3-1. (cont.)

	Station:	W1	W2	W50	W51	W52	W53	W53	W54	W55	W56	W57	W58
	Date:	9/27/1999	9/27/1999	9/28/1999	9/28/1999	9/28/1999	9/28/1999	9/28/1999	9/28/1999	9/28/1999	9/28/1999	9/28/1999	9/28/1999
	Depth (m):	0	0	1	0	1	1	1	0	0	1	0	1
	Duplicate:						1	2					
	Sample Number:	LW0001	LW0008	LW0022	LW0021	LW0020	LW0019	LW0026	LW0017	LW0023	LW0018	LW0025	LW0024
Chemical	**Units**												
Volatile Organics Compounds													
Toluene	µg/L-ww	0.5 U	0.5 U	0.16 J	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trans-1,2-dichloroethene	µg/L-ww	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trans-1,3-dichloropropene	µg/L-ww	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	µg/L-ww	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	µg/L-ww	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (Total)	µg/L-ww	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.33 J	0.5 U	0.5 U	0.5 U

Note: Results reported as µg/L unfiltered

Table A3-2. Conventional Parameters and Inorganic and Organometallics in Supplemental Lake Water Samples – 1999

	Station:	W1	W1	W1	W1	W1	W1	W1	W1	W1	W1
	Date:	9/27/1999	9/27/1999	9/27/1999	9/27/1999	9/27/1999	9/27/1999	9/27/1999	10/15/1999	10/15/1999	10/15/1999
	Depth (m):	0	3	6	9	12	15	18	0	3	6
	Duplicate:										
	Sample Number:	LW0001	LW0002	LW0003	LW0004	LW0005	LW0006	LW0007	LW0028	LW0029	LW0030
Chemical	**Units**										
Conventional/Wet Chemistry											
Chlorophyll-a	µg/L-ww	20.6	22.2	9.2	8.3	10.8	12.2	19.8	18.9	16.3	14.6
Hydrogen sulfide	µg/L-ww	1000 U	1000 U	1000 U	1000 U	5100	7200	9900	1000 U	1000 U	1000 U
Sulfate	mg/L-ww	194.3	191.7	180.7	168.6	170.3	161.7	154.3	178.7	181.3	188.6
Sulfides	mg/L-ww	1 U	1 U	1 U	1 U	11.78	14.46	19.7	1 U	1 U	1 U
Total alkalinity	mg/L-ww	114	114.5	116	154.3	222.6	235.8	258.5	141.5	139.5	141.5
Total suspended solids – 2540D-GF	mg/L-su	3.3	3	2	2.9	2.4	2.6	2.6	4	3.1	3.8
Total suspended solids – 2540D-MF	mg/L-su	1.6	2.4	0.1 U	0.6	0.7	1	0.4	3.5	5	5
Total suspended solids – E2-GF	mg/L-sus	2									
Total suspended solids – E2-MF	mg/L-sus	3									
Volatile suspended solids	mg/L-ww	2.7	2.5	1.4	2.1	1.9	1.9	2.4	1.6	2.1	1.9
Inorganics and Organometallics											
Chromium	µg/L-ww	3.5									
Iron	µg/L-ww	596	245	160	113	273	147	257	125	141	132
Iron – dissolved	µg/L-dis	300	110	27	128	256	223	131	12	28	68
Lead	µg/L-ww	1.6 U									
Manganese	µg/L-ww	30 J	25	24	230	389	420	477	79	65	69
Manganese – dissolved	µg/L-dis	6	3	2	367	410	429	487	14	8	6
Total mercury	ng/L-ww	13.7	5.52	4.1	13.2	19.6	19.9	26.8	6.6	7.5	7.7
Total mercury – dissolved	ng/L-dis	1.27	1.01	0.96	11.4	17.2	19.6	23.5	1.8	1.9	2.1
Methylmercury	ng/L-ww	1.12	0.72	0.547	12.1	6.31	1.9	0.618 J	2.77	2.41	2.53
Methylmercury – dissolved	ng/L-dis	0.144	0.071	0.101	12.6	8.24	1.65	1.16 J	0.858	1.06	1.18
Nickel	µg/L-ww	3.6 J									

Table A3-2. (cont.)

	Station:	W1	W1	W1	W1	W1	W1	W1	W1	W1	W1
	Date:	10/15/1999	########	10/15/1999	10/15/1999	10/15/1999	10/25/1999	10/25/1999	10/25/1999	10/25/1999	10/25/1999
	Depth (m):	9	9	12	15	18	0	3	6	9	9
	Duplicate:	1	2							1	2
	Sample Number:	LW0031	LW0027	LW0032	LW0033	LW0034	LW0044	LW0045	LW0046	LW0047	LW0051
Chemical	**Units**										
Conventional/Wet Chemistry											
Chlorophyll-a	µg/L-ww	14	14.1	13	9.1	11.3	10	9.4	9.7	9.1	9.1
Hydrogen sulfide	µg/L-ww	1000 U	1000 U	1000 U	1000 U	4800	1000 U	1000 U	1000 U	1000 U	1000 U
Sulfate	mg/L-ww	181.3		189.5	173.2	176.5	188.8	188.1	188.6		146.8
Sulfides	mg/L-ww	1 U	1 U	1 U	1 U	7.18	1 U	1 U	1 U	1 U	1 U
Total alkalinity	mg/L-ww	140.5	141	142	159.2	217.2	148.9	148.4	147.9	147.4	148.4
Total suspended solids – 2540D-GF	mg/L-su	3.1	3.1	3.1	3.6	3.7	2	2.4	3.4	3.5	3
Total suspended solids – 2540D-MF	mg/L-su	3	2.2	3.8	0.5	12	2.2	2.5	1.2	1	0.3
Total suspended solids – E2-GF	mg/L-sus										
Total suspended solids – E2-MF	mg/L-sus										
Volatile suspended solids	mg/L-ww	1.8	2	1.9	2.4	3.4	1.4	0.5	1.6	1.9	1.3
Inorganics and Organometallics											
Chromium	µg/L-ww										
Iron	µg/L-ww	133	76	133	152	278	43	39	41	39	83
Iron – dissolved	µg/L-dis	15	11	54	81	124	2	18	4	1	6
Lead	µg/L-ww										
Manganese	µg/L-ww	73	99	82	240	601	119	120	126	98	88
Manganese – dissolved	µg/L-dis	10	18	15	239	604	35	35	36	20	19
Total mercury	ng/L-ww	7.2	7.6	8	10	24	6.45	6.49	5.33	6.74	6.5
Total mercury – dissolved	ng/L-dis	2.5	1.9	2	4.6	21	2.18	1.97	2.28	2.26	1.37 J
Methylmercury	ng/L-ww	2.24	2.28	1.93	5.37	9.35	2.77	1.87	2.97	2.23	1.93
Methylmercury – dissolved	ng/L-dis	1.15	1.08	1.09	3.13	6.11	0.659	1.31	0.912	0.949	1.15
Nickel	µg/L-ww										

Table A3-2. (cont.)

	Station:	W1	W1	W1	W1	W1	W1	W1	W1	W1	W1
	Date:	10/25/1999	10/25/1999	10/25/1999	11/9/1999	11/9/1999	11/9/1999	11/9/1999	11/9/1999	11/9/1999	11/9/1999
	Depth (m):	12	15	18	0	3	6	9	12	12	15
	Duplicate:								1	2	
	Sample Number:	LW0048	LW0049	LW0050	LW0063	LW0064	LW0065	LW0066	LW0067	LW0068	LW0069
Chemical	**Units**										
Conventional/Wet Chemistry											
Chlorophyll-a	µg/L-ww	8.4	7.8	6.2	12.5	12.5	12.8	11.8	11.1	10.7	7.9
Hydrogen sulfide	µg/L-ww	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U
Sulfate	mg/L-ww		193.8	187.2	192.6	191.8	192.7	180.3	192.9	179.5	180.9
Sulfides	mg/L-ww	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total alkalinity	mg/L-ww	148.9	149.4	151.3	147.6	149.1	150	149.1	148.1	150	150
Total suspended solids – 2540D-GF	mg/L-su	3.2	3.1	2.7	1.3	2.9	2.7	2.5	2.1	1.9	3.1
Total suspended solids – 2540D-MF	mg/L-su	3.1	2	1.1	0.7	1	0.7	2.2	0.1 U	0.1 U	0.5
Total suspended solids – E2-GF	mg/L-sus										
Total suspended solids – E2-MF	mg/L-sus										
Volatile suspended solids	mg/L-ww	1.3	0.7	1.4	0.9	1.2	1.3	1.6	1.5	0.8	1.6
Inorganics and Organometallics											
Chromium	µg/L-ww										
Iron	µg/L-ww	45	90	64	63	73	62	59	54	63	70
Iron – dissolved	µg/L-dis	1	50	18	12	27	4	0.1 U	0.1 U	1	90
Lead	µg/L-ww										
Manganese	µg/L-ww	128	136	185	112	106	104	110	95	107	112
Manganese – dissolved	µg/L-dis	36	46	112	7	9	8	7	0.035 U	6	7
Total mercury	ng/L-ww	6.78	6.87	10.3	11.2	10.4	11.9	10.6	10.8	11.4	11.8
Total mercury – dissolved	ng/L-dis	2.22	1.7	2.35	1.75	2.01	1.76	1.72	1.62	1.89	1.9
Methylmercury	ng/L-ww	0.818	2.84	2.83	1.62	1.41	1.79	1.79	1.65	1.6	1.65
Methylmercury – dissolved	ng/L-dis	0.555	1.22	1.12	0.665	0.677	0.644	0.638	0.66	0.763	0.707
Nickel	µg/L-ww										

Table A3-2. (cont.)

	Station:	W1	W1	W1	W1	W1	W1	W1	W1	W1	W12
	Date:	11/9/1999	12/2/1999	12/2/1999	12/2/1999	12/2/1999	12/2/1999	12/2/1999	12/2/1999	12/2/1999	9/28/1999
	Depth (m):	18	0	3	6	9	12	12	15	18	2
	Duplicate:						1	2			1
	Sample Number:	LW0070	LW0071	LW0072	LW0073	LW0074	LW0076	LW0075	LW0077	LW0078	LW0015
Chemical	**Units**										
Conventional/Wet Chemistry											
Chlorophyll-a	µg/L-ww	7.2	11.9	11.7	6.4	12.6	11.7	12	12.3	7.2	22.8
Hydrogen sulfide	µg/L-ww	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U
Sulfate	mg/L-ww	192.9									196
Sulfides	mg/L-ww	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total alkalinity	mg/L-ww	151.5	123.3	148.1	150.5	148.6	150	147.2	148.6	148.6	116.9
Total suspended solids – 2540D-GF	mg/L-su	2.7	4.3	3.9	3.5	3.2	2.4	3.5	3.1	2.3	2.9
Total suspended solids – 2540D-MF	mg/L-su	0.1 U	5	4.8	3.5	2.8	2	1	2.7	0.7	0.1 U
Total suspended solids – E2-GF	mg/L-sus										
Total suspended solids – E2-MF	mg/L-sus										
Volatile suspended solids	mg/L-ww	1.5	2.7	1.7	1.5	1.8	1.5	2.4	1.9	1.3	2.6
Inorganics and Organometallics											
Chromium	µg/L-ww										
Iron	µg/L-ww	82	173	144	113	121	96	92		80	76
Iron – dissolved	µg/L-dis	6	23	9	6	12	5	1	1	7	28
Lead	µg/L-ww										
Manganese	µg/L-ww	109	61	59	61	66	69	68		71	32
Manganese – dissolved	µg/L-dis	7	12	11	7	7	6	7	5	9	5
Total mercury	ng/L-ww	11.2	7.14	7.29	7.35	6.65	6.55	6.95	7.19	7.21	4.83
Total mercury – dissolved	ng/L-dis	1.66	1.27	1.59	1.28	1.48	1.36	1.61	1.18	1.35 J	0.83
Methylmercury	ng/L-ww	1.67	1.22	0.98	1.09	1.08	1.19	1.35	1.38	0.931	1.12
Methylmercury – dissolved	ng/L-dis	0.797	0.388	0.475	0.503	0.569	0.547	0.571	0.384	0.335	0.315
Nickel	µg/L-ww										

Table A3-2. (cont.)

	Station:	W12	W12	W12	W12	W12	W2	W2	W2	W2	W2
	Date:	9/28/1999	10/14/1999	10/14/1999	10/26/1999	12/2/1999	9/27/1999	9/27/1999	9/27/1999	9/27/1999	9/27/1999
	Depth (m):	2	1	3	2	2	0	3	6	9	12
	Duplicate:	2									
	Sample Number:	LW0016	LW0042	LW0043	LW0062	LW0079	LW0008	LW0009	LW0010	LW0011	LW0012
Chemical	**Units**										
Conventional/Wet Chemistry											
Chlorophyll-a	µg/L-ww	44.6	15.5	15.5	8.4	11.4	28.7	28.8	14.3	8.1	6.9
Hydrogen sulfide	µg/L-ww	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	5000
Sulfate	mg/L-ww	198.9			191.4		186.6	185.9	197.3	184.1	174
Sulfides	mg/L-ww	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10.06
Total alkalinity	mg/L-ww	116	154.3	156.7	146.9	150	115	116	117.4	119.4	209.3
Total suspended solids – 2540D-GF	mg/L-su	4.9	4.9	5.4	2.9	3.5	3.9	4.2	3	1.5	2.3
Total suspended solids – 2540D-MF	mg/L-su	0.1 U	3.8	4.2	4.3	0.1 U	0.1 U	2.7	0.1 U	0.3	0.1 U
Total suspended solids – E2-GF	mg/L-sus						2				
Total suspended solids – E2-MF	mg/L-sus						3				
Volatile suspended solids	mg/L-ww	4.1	2.7	3.4	0.5	2.4	3.3	3.4	1.7	1	1.6
Inorganics and Organometallics											
Chromium	µg/L-ww						3.7				
Iron	µg/L-ww	65	71	81	36	63	51	64	46	107	371
Iron – dissolved	µg/L-dis	13	9	18	0.1 U	7	28	15	58	27	204
Lead	µg/L-ww						1.6 U				
Manganese	µg/L-ww	25	244	257	94	90	26 J	28	30	60	428
Manganese – dissolved	µg/L-dis	2	219	247	10	10	6	5	3	4	451
Total mercury	ng/L-ww	3.95	10	10	6.26	6.62	3.49	4.12	4.16	3.59	18.9
Total mercury – dissolved	ng/L-dis	0.25	4.6	4.2	1.98	1.78	1.03	1.02	0.77	1.24	15.3
Methylmercury	ng/L-ww	1.67	5.82	5.93	2.08	1.27 J	0.846	0.854	1.09	1.2	13.7
Methylmercury – dissolved	ng/L-dis	0.361	3	3.07	0.934	0.494 J	0.157	0.161	0.281	0.639	15.3
Nickel	µg/L-ww						3.7 J				

Table A3-2. (cont.)

Station:	W2	W2	W2	W2	W2	W2	W2	W2	W2	W2
Date:	9/27/1999	9/27/1999	10/15/1999	10/15/1999	########	10/15/1999	10/15/1999	10/15/1999	10/15/1999	10/25/1999
Depth (m):	15	18	0	3	6	9	12	15	18	0
Duplicate:										
Sample Number:	LW0013	LW0014	LW0035	LW0036	LW0037	LW0038	LW0039	LW0040	LW0041	LW0052
Chemical	**Units**									
Conventional/Wet Chemistry										
Chlorophyll-a	µg/L-ww	8.5	11.5	18.9	17.3	17.3	17.3	12.8	9.9	11.7	9.2
Hydrogen sulfide	µg/L-ww	6500	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	3200	5600	1000 U
Sulfate	mg/L-ww	168.5	145.4	189.2							178.3
Sulfides	mg/L-ww	12.98	1 U	1 U	1 U	1 U	1 U	1 U	5.16	9.86	1 U
Total alkalinity	mg/L-ww	224.1	229	141.5	142.5	142	142.5	145.4	202.9	220.1	148.4
Total suspended solids – 2540D-GF	mg/L-su	2.8	2.8	3.4	2.6	3	2.6	2.8	2.5	3.6	2
Total suspended solids – 2540D-MF	mg/L-su	2.5	0.7	3.5	2.2	2	3.5	2.8	9.5	6.4	1.1
Total suspended solids – E2-GF	mg/L-sus										
Total suspended solids – E2-MF	mg/L-sus										
Volatile suspended solids	mg/L-ww	2.4	2.7	2.2	0.9	1.9	0.9	1.7	1.7	2.1	0
Inorganics and Organometallics											
Chromium	µg/L-ww										
Iron	µg/L-ww	208	359	93	46	49	50	51	145	182	40
Iron – dissolved	µg/L-dis	223	222	14	5	5	46	34	72	66	2
Lead	µg/L-ww										
Manganese	µg/L-ww	392	489	105	116	123	118	155	474	577	132
Manganese – dissolved	µg/L-dis	447	500	40	51	51	55	119	510	556	31
Total mercury	ng/L-ww	20.1	25.4	6.2	6.6	6.8	6.6	7.5	20	25	4.77
Total mercury – dissolved	ng/L-dis	17	19.2	2.5	2.3	2.1	1.1	3	18	24	1.84
Methylmercury	ng/L-ww	7.39	4.94 J	3.44	2.08	3.63	3.04	3.28	14.3	12.3	2.32
Methylmercury – dissolved	ng/L-dis	5.69	12.1 J	1.42	1.21	1.31	1.4	1.75	10.7	5.15	1.3
Nickel	µg/L-ww										

Table A3-2. (cont.)

	Station:	W2	W2	W2	W2	W2	W2	W50	W51	W52	W52
	Date:	10/25/1999	10/25/1999	10/25/1999	10/25/1999	10/25/1999	10/25/1999	9/28/1999	9/28/1999	9/28/1999	10/25/1999
	Depth (m):	3	6	9	12	15	18	1	0	1	1
	Duplicate:										
	Sample Number:	LW0053	LW0054	LW0055	LW0056	LW0057	LW0058	LW0022	LW0021	LW0020	LW0059
Chemical	**Units**										
Conventional/Wet Chemistry											
Chlorophyll-a	µg/L-ww	9.1	8.7	9.1	8.7	8.4	6.2				10.1
Hydrogen sulfide	µg/L-ww	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U				1000 U
Sulfate	mg/L-ww	179.4	145.4	188	186.2	190	189.9				180.6
Sulfides	mg/L-ww	1 U	1 U	1 U	1 U	1 U	1 U				1 U
Total alkalinity	mg/L-ww	147.4	147.4	146.9	147.9	148.4	149.4				146.4
Total suspended solids – 2540D-GF	mg/L-su	2.6	2.2	2.5	2.7	3.1	3				3.1
Total suspended solids – 2540D-MF	mg/L-su	2	2	0.1 U	0.1 U	0.1 U	1.4				0.3
Total suspended solids – E2-GF	mg/L-sus							3	8	3	
Total suspended solids – E2-MF	mg/L-sus							4	9	3	
Volatile suspended solids	mg/L-ww	2	1.4	1	1.3	0.9	2.3				1.4
Inorganics and Organometallics											
Chromium	µg/L-ww							3.9	3.7	3.5	
Iron	µg/L-ww	34	32	41	23	33	43				39
Iron – dissolved	µg/L-dis	3	0.1 U	2	0.1 U	35	7				0.1 U
Lead	µg/L-ww							3.1	1.6 U	1.6 U	
Manganese	µg/L-ww	92	97	98	104	103	163	20.6 J	27.4 J	15 J	87
Manganese – dissolved	µg/L-dis	13	13	15	14	15	77				20
Total mercury	ng/L-ww	5.79	5.5	4.93	5.59	5.85	9.95	12.2	11	2.33	7.51
Total mercury – dissolved	ng/L-dis	1.82	2.11	1.99	1.71	2.07	2.35	1.8	1.71	2.92	2.63 J
Methylmercury	ng/L-ww	2.36	2.71	2.24	2.84	2.3	4.38	0.984	0.803	0.816	1.49
Methylmercury – dissolved	ng/L-dis	1.21	0.838	0.703	1.2	1.21	1.59	0.366	0.346	0.259	1.01
Nickel	µg/L-ww							4.6 J	4.7 J	4.2 J	

Table A3-2. (cont.)

	Station:	W53	W53	W54	W54	W55	W56	W57	W58	W58
	Date:	9/28/1999	9/28/1999	9/28/1999	10/25/1999	9/28/1999	9/28/1999	9/28/1999	9/28/1999	10/26/1999
	Depth (m):	1	1	0	1	0	1	0	1	1
	Duplicate:	1	2							
	Sample Number:	LW0019	LW0026	LW0017	LW0060	LW0023	LW0018	LW0025	LW0024	LW0061
Chemical	**Units**									
Conventional/Wet Chemistry										
Chlorophyll-a	µg/L-ww				8.1					10.3
Hydrogen sulfide	µg/L-ww				1000 U					1000 U
Sulfate	mg/L-ww				189.6					190.5
Sulfides	mg/L-ww				1 U					1 U
Total alkalinity	mg/L-ww				146.9					155.8
Total suspended solids – 2540D-GF	mg/L-su				2.4					5.5
Total suspended solids – 2540D-MF	mg/L-su				0.1 U					4.6
Total suspended solids – E2-GF	mg/L-sus	2.8	3	3		7	4	9	8	
Total suspended solids – E2-MF	mg/L-sus	3.3	3	3		8	4	9	8	
Volatile suspended solids	mg/L-ww				2					1.5
Inorganics and Organometallics										
Chromium	µg/L-ww	3.5	2.6	3.13		3.8	3.6	3.2	3.2	
Iron	µg/L-ww				26					216
Iron – dissolved	µg/L-dis				0.1 U					25
Lead	µg/L-ww	1.6 U	1.6 U	1.6 U		1.6 U	1.6 U	1.6 U	1.6 U	
Manganese	µg/L-ww	15 J	15.4 J	14.3 J	102	30.6 J	18.6 J	16 J	16.4 J	110
Manganese – dissolved	µg/L-dis				9					63
Total mercury	ng/L-ww	26.2	9.81	6.16	6.5	103	4.84	10.3	8.12	14.3
Total mercury – dissolved	ng/L-dis	7.83	4.11	1.23	2.81 J	1.82	2.62	2.74	1.8	2.12 J
Methylmercury	ng/L-ww	0.815	0.822	0.759	2.41	1.09	0.606	0.784	0.843	0.769
Methylmercury – dissolved	ng/L-dis	0.25	0.216	0.16	0.806	0.347	0.15	0.147	0.214	0.219
Nickel	µg/L-ww	4 J	3.9 J	3.7 J		4.2 J	3.5 J	3.9 J	4 J	

Appendix A4

Quality Assurance Review—1999 Supplemental Lake Water Study

APPENDIX A4. QUALITY ASSURANCE REVIEW – 1999 SUPPLEMENTAL LAKE WATER STUDY

(Modified from Exponent, 2001c)

Introduction

This data quality report summarizes the results of a quality assurance review of laboratory procedures and data for chemical analyses of lake water samples. The analyses were completed as part of the 1999 supplemental lake water study for the Onondaga Lake remedial investigation and feasibility study (RI/FS). Details of the sampling procedures for each task are provided in Section 2.7 of the RI. Descriptions of the procedures used for chemical analyses, data validation, and data management are provided in the quality assurance project plan (QAPP) for the first phase of the RI, conducted in 1992 (PTI, 1991).

The data quality review was conducted to verify that field and laboratory quality assurance and quality control (QA/QC) procedures were completed and documented as required, and that the quality of the data is sufficiently high to support its use in the RI/FS. All data qualified as estimated (*J*) have an acceptable degree of uncertainty and represent data of good quality and reasonable confidence (USEPA, 1989). These results are acceptable for use in the RI/FS, including the human health risk assessment (HHRA) and baseline ecological risk assessment (BERA). Rejected data (*R*) are unusable for their intended purposes.

The 1999 supplemental lake water study included collection of water samples near the lake surface during one sampling event prior to lake turnover, and collection of water column samples during five sampling events before, during, and after turnover (Section 2.7 of the RI). Surface water samples were analyzed for the following constituents:

- Target compound list volatile organic compounds (VOCs) and 1,2-dichlorobenzene and 1,4-dichlorobenzene.
- Total chromium, lead, manganese, and nickel.
- Total and dissolved mercury and methylmercury.
- Total suspended solids (TSS).

Water column samples were analyzed for the following constituents:

- Total and dissolved mercury and methylmercury.
- Total and dissolved iron and manganese.
- Sulfate, sulfide, chlorophyll *a*, and alkalinity.

- TSS (two analyses were completed using different filters) and fraction of organic carbon (i.e., volatile organic carbon) in the suspended solids.

A summary of the number of samples collected for this study and the analyses and methods for each sample type is provided in Table A4-1.

Data validation procedures and qualifier assignments were completed according to standard operating procedures (SOPs) prepared by USEPA Region 2, including SOP HW-24 for validation of data for VOCs (USEPA, 1999b) and SOP HW-2 for validation of metals by inductively coupled plasma-atomic emission spectrometry (ICP-AES) (USEPA, 1992).

Mercury and methylmercury data were validated according to general procedures described in SOP HW-2, with modifications made to comply with QA/QC procedures and control limits provided in the descriptions for USEPA Methods 1631B and 1630. Data for iron, manganese, and conventional parameters (except total manganese and TSS, analyzed by O'Brien & Gere Laboratories, Syracuse, NY) could not be validated, because quality control data were not provided.

Volatile Organic Compounds, Metals, and Total Suspended Solids

The total number of lake water samples and field duplicate samples collected for the 1999 supplemental lake water investigation is indicated in Table A4-1. Analyses for VOCs, metals (total chromium, lead, manganese, and nickel), and TSS were completed by O'Brien & Gere Laboratories. Laboratory methods are referenced in Table A4-1. QA/QC results for laboratory and field procedures and implications for data usability are provided below.

Summary of Qualified Data

The chemical data were generally of acceptable quality. Data reported for the water samples included 432 results for VOCs, 320 results for metals, and 162 results for TSS. A total of 12 results for VOCs (3 percent of all VOC results) were rejected. No results for metals or TSS were rejected. A total of 83 results for VOCs (19 percent of all VOC results) and 24 results for metals (8 percent of all metals results) were qualified as estimated because control limits were exceeded for one or more laboratory quality control samples or procedures. These qualified data may have a larger associated bias or may be less precise than unqualified data, but are of acceptable quality for use in the RI.

Data Quality Assessment

The laboratory data were evaluated in terms of completeness, holding times, instrument performance, bias, and precision. The results of the quality control procedures used during sample analyses are discussed below.

Completeness

All analyses were completed by the laboratory as requested. However, 12 results for VOCs were rejected during the quality assurance review. Completeness after data validation was 98 percent, slightly below the project data quality objective (DQO) of 100 percent.

Holding Times and Sample Preservation

All holding time constraints and sample-preservation requirements were met for all sample types and all analyses. The NYSDEC holding time for VOC analysis for aqueous samples is seven days from the date of collection. Although the pH of the samples for VOCs could not be verified, all analyses were performed within seven days of sample collection; therefore, no action was required. The holding time is six months for metals and seven days for TSS.

Calibration

The calibration of the analytical instruments, as documented by the laboratory, was acceptable. No changes in instrument performance that would have resulted in the degradation of data quality were indicated during any analytical sequence. Calibration does not apply to TSS determinations.

- **Initial and Continuing Calibrations** – Initial and continuing calibrations were completed as required for all target analytes and met the criteria for acceptable performance, with several exceptions for VOCs.

  The relative response factor for acetone was below the control limit of 0.05 for several continuing calibration standards. Acetone was not detected in any sample. The reporting limits for acetone in all 12 surface water samples were rejected (*R*).

  In several continuing calibration standards, the results for 2-butanone, 1,2-dichlorobenzene, and 1,1,2,2-tetrachloroethane did not meet the control limit of 25 percent difference relative to the initial calibration result. These analytes were not detected in any associated samples. The reporting limits for these analytes in associated samples were qualified as estimated (*J*). Qualifiers were assigned to reporting limits for 2-butanone in Samples LW0001, LW0002, LW0017, LW0018, LW0019, LW0022, LW0023, and LW0024, as well as for 1,2-dichlorobenzene and 1,1,2,2-tetrachlorobenzene in Samples LW0020, LW0021, LW0025, and LW0026.

- **Initial and Continuing Calibration Blanks** – The initial and continuing calibration blank (ICB and CCB) analyses met the criteria for acceptable performance, with the following exception: nickel was present at levels above the instrument detection limits in all of the CCBs. All surface water samples contained a consistent, higher concentration of nickel than these blanks. However, since the

results for the CCBs indicate possible baseline fluctuation in the instrument or low-level laboratory contamination, the 12 results for nickel in the surface water samples were qualified as estimated (*J*).

Method Blank Analyses

Method blanks were prepared and analyzed at the required frequency. Target analytes were not detected in any method blank.

Instrument-Specific Quality Control Procedures for Metals

Quality control procedures that are specific to metals analyses include:

- Analysis of a contract-required detection limit standard.
- An ICP interference-check sample.
- Serial dilution of a sample for each sample batch.

The results for these quality control procedures met the frequency requirements and control limits, with the exception of the serial dilution for manganese. All 12 of the results for manganese in surface water were qualified as estimated (*J*).

Accuracy

The accuracy of the analytical results is evaluated in the following sections in terms of analytical bias (recoveries for laboratory control samples [LCSs], matrix spike [MS] samples, and, for VOCs, surrogate compounds) and precision (matrix spike duplicates [MSDs] for VOCs and laboratory duplicates for metals and TSS).

Laboratory Control Sample Recoveries

LCSs are required for VOCs and total metals and were analyzed by the laboratory at the required frequency. The recoveries met control limits, with the exception of 1,1,2,2-tetrachloroethane in the LCSs associated with Sample LW0019. The recoveries for this analyte were above the upper control limit of 132 percent. 1,1,2,2-Tetrachloroethane was not detected in the sample. The LCS results indicate a positive bias, but the reporting limit is not affected. Consequently, no results were qualified based on this exceedance.

Matrix Spike Recoveries

MS samples were analyzed by the laboratory at the required frequency and spiking levels. MS samples are required for metals analyses, and MSDs are required for VOCs. The recoveries met control limits, with the exception of several analytes in the spike of Sample LW0019, where the MS and MSD recoveries for acetone and 2-butanone were above the upper laboratory-control limits of 151 and 129 percent, respectively. The MSD recovery for 1,1,2,2-tetrachloroethane was above the upper laboratory-control limit of 132 percent. None of these analytes were detected in any sample. The high results indicate a positive bias, but the reporting limits are not affected. Consequently, no results were qualified based on these exceedances. The MS and MSD recoveries for styrene were slightly below the lower laboratory-control limit of 86 percent. There was no indication of serious bias to the reporting limits and no data were qualified.

Surrogate-Compound Recoveries

Surrogate-compounds are added to all field and quality control samples for analysis of VOCs. The recoveries reported by the laboratory for surrogate compounds met the laboratory control limits, with one exception: the recovery for the surrogate bromofluorobenzene in surface water Sample LW0021 was 73 percent, below the laboratory's lower control limit (77 percent). All VOC results for this sample (with the exception of the acetone result, which was previously rejected) were qualified as estimated (*J*). A total of 36 compounds were qualified based on this exceedance.

Precision

The results for laboratory duplicate analyses (TSS and total metals) and MSD analyses (VOCs) met the criteria for acceptable performance. Laboratory duplicates and MSDs were analyzed at the required frequency.

Analyte Quantification and Method Reporting Limits

The calculations for analyte quantification were acceptable for all target analytes.

Sample concentrations for VOCs that were reported between the method detection limit and the method reporting limit (MRL) were qualified as estimated (*J*). The following results were qualified:

- 1,2-Dichlorobenzene (two results): LW0021* and LW0023.*
- 1,4-Dichlorobenzene (eight results): LW0001, LW0008, LW0017 through LW0021, and LW0024.
- Benzene (one result): LW0023.
- Bromodichloromethane (four results): LW001, LW0021,* LW0022, and LW0023.

- Chloroform (10 results): LWFB02,* LW0001, LW0008, LW0017 through LW0020, and LW0024 through LW0026.
- Methylene chloride (12 results): LWFB01, LW0001, LW0008, LW0017 through LW0020, LW0021,* and LW0023 through LW0026.
- Toluene (two results): LWFB02* and LW0022.
- Xylene (one result): LW0023.

Sample results that are noted with an asterisk (*) were previously qualified as estimated (*J*) for an additional control-limit exceedance.

Field Quality Control

The field quality control samples consisted of one field duplicate, two field blanks, and two trip blanks (for VOCs only).

Field Duplicates

The field duplicate sample pair LW0019 and LW0026 was analyzed for VOCs, total metals, and TSS. Chloroform was the only VOC detected in both field duplicates, but at a concentration below the reporting limit. No data required qualification for field duplicate results.

Field Blanks and Trip Blanks

The two field blanks (Samples LWFB01 and LWFB02) were analyzed for VOCs, total metals, and conventional parameters. The trip blanks (Samples QCTB and LWTB02) were analyzed for VOCs only. No target analytes were detected in these blanks, with the following exception: methylene chloride was present in all surface water samples, field blanks, and trip blanks. The laboratory method blanks did not contain detectable concentrations of methylene chloride, which indicates that contamination was introduced during shipping or storage. Methylene chloride concentrations in the lake water samples were below the quantification limit and below the concentrations found in the field blanks. All results for methylene chloride in the lake water samples were restated as undetected.

Total Mercury and Methylmercury

A total of 73 discrete lake water samples and six field duplicates were collected over a period of four months during the 1999 supplemental lake water investigation. Samples included surface water samples and depth profile samples, as indicated in Table A4-1. Analyses were completed by Frontier Geosciences in Seattle, WA. Laboratory methods are summarized in Table A4-1. QA/QC results for laboratory and field procedures and implications for data usability are provided below.

Summary of Data Quality

The results for dissolved and unfiltered total mercury and methylmercury in lake water samples were of acceptable quality. No results were rejected. A total of 11 results (4 percent of all results) were qualified as estimated because control limits were exceeded for one or more laboratory quality control samples or procedures. These qualified data may have a larger associated bias or may be less precise than unqualified data, but are of acceptable quality for use in the RI.

Data Quality Assessment

The laboratory data were evaluated in terms of completeness, holding times, instrument performance, bias, and precision. The results of the quality control procedures used during sample analyses are discussed below.

Completeness

The results reported by the laboratories were 100 percent complete. No results were rejected during data validation.

Holding Times and Sample Preservation

All holding time constraints and sample-preservation requirements were met for all sample types and all analyses.

The chains of custody for Sampling Events 1, 2, and 4 noted that some or all of the samples were received at a temperature in excess of $4 \pm 2^{\circ}C$, the storage temperature required by USEPA Region 2 for mercury analyses. Temperatures in the coolers were below $10^{\circ}C$ in all cases. All samples were properly preserved (temperature, acidification, and storage in the dark) after receipt by the laboratory. There were no qualifications to the data from these temperature exceedances, based upon supporting documentation from the laboratory and guidance from USEPA Region 2.

Frontier Geosciences (Bloom, 1997) detailed the relationship between methylmercury concentrations in unpreserved (non-acidified) samples kept in the light at room temperature. Specifically, it was shown by the laboratory that no significant degradation of the methylmercury occurred over 20 days in unpreserved water samples that were stored in the light at room temperature. The concentration of total mercury in the unpreserved samples did decrease over 20 days by approximately one-third when stored in the light at room temperature. These results indicate that minimal loss of mercury and methylmercury from the samples with cooler temperatures above $6^{\circ}C$ would be expected. Samples were stored as required upon receipt at the laboratory.

The 8260B SOP HW-24 USEPA Region 2-Revision 2, December 1996 (USEPA, 1999b) offers clear guidance on the qualification of VOCs due to temperature exceedances alone. This document states that "if samples were not iced or if the ice was melted upon receipt at the laboratory and the temperature of the

cooler was elevated (>10°C), flag all positive results 'J' and all non-detects "UJ."" The samples in question met the criteria for storage.

Calibration

The calibration of the analytical instruments, as documented by the laboratory, was acceptable. No changes in instrument performance that would have resulted in the degradation of data quality were indicated during any analytical sequence.

- Initial and Continuing Calibration – Initial calibrations and continuing calibration verification were completed as required for total and methylmercury analyses and met the criteria for acceptable performance. The initial calibration results were verified daily by the analysis of an independently prepared standard, the DORM-2 standard reference material (SRM). All SRM recoveries were between the project-specific control limits of 75 to 125 percent for total mercury and 70 to 130 percent for methylmercury.

- Initial and Continuing Calibration Blanks – The ICBs and CCBs met the criteria for acceptable performance and frequency of analysis. Bubbler blanks were analyzed at an appropriate frequency as a demonstration that the system was free of spurious contamination. Total mercury or methylmercury was detected above the MRL in some blanks. In all cases, the levels detected in the blank did not significantly bias the sample results based upon application of a 5-times action limit, with the following exception: the third CCB for total mercury for Event 5 contained significant amounts of total mercury. Only one of the samples bracketed by this CCB contained less than 5 times the total mercury concentration in the blank. This sample, LW0078, was analyzed using the same bubbler as the blank. The total mercury result for Sample LW0078 was qualified as estimated (*J*).

Method Blank Analyses

Method blanks were prepared and analyzed at the required frequency. Total mercury or methylmercury was detected above the MRL for several method blanks. In all cases, the levels detected in the blank were less than 20 percent of the concentrations in the samples.

Accuracy

The accuracy of the analytical results is evaluated in the following sections in terms of analytical bias (LCS and MS recoveries) and precision (laboratory duplicates). The control limits for recovery were 75 to 125 percent for total mercury and 70 to 130 percent for methylmercury.

Laboratory Control Sample Recoveries

The recoveries for all LCSs (blank spikes) and the frequency of analysis met the criteria for acceptable performance.

Matrix Spike Recoveries

The recoveries for MS and MSD samples generally met the criteria for acceptable performance. MSs and MSDs were analyzed at the required frequency. Results did not comply with control limits or other requirements in three cases.

The recovery of methylmercury from the MSD for Sample LW0044 (65.5 percent) was below the lower control limit (70 percent). The MS for Sample LW0044 (110 percent recovery) and all other associated quality control criteria for the sample batch were in control, so no action was taken. In addition, another MS and MSD (using Sample LW0047) were analyzed during a later analysis sequence for Event 3 to provide additional information regarding matrix interferences. Recoveries for the MS and MSD were 100 percent and 79 percent respectively, both within control limits. These results support the conclusion that the low MSD recovery for Sample LW0044 was an isolated incident and did not reflect any systematic error. No data were qualified for these MS results.

A field blank was initially used to prepare the MS and MSD for methylmercury for the Event 4 samples. The MS and MSD recoveries for these samples were acceptable. The precision for the MS and the MSD did not meet control limits. Filtered Sample LW0066 was subsequently spiked to check for matrix interferences. Recoveries for the MS and MSD were acceptable. There were ample quality-control results to support the initial Event 4 results, and no data were qualified as estimated.

The methylmercury samples for Event 5 were reanalyzed at lower aliquot sizes to minimize matrix interferences. The samples were initially analyzed four times because of matrix interference. These initial analyses failed to produce acceptable results for MSs and MSDs and laboratory duplicates. The reanalyses were conducted on smaller aliquots of sample. Two MSs and MSDs and six additional MSs were analyzed. The MS and MSD recoveries met control limits (70 to 130 percent) for 8 of these 10 MSs and MSDs. Control limits were not met for the MS added to filtered and unfiltered portions of Sample LW0079. The two methylmercury results for Sample LW0079 were qualified as estimated (*J*), based on these spike recovery exceedances. Sample LW0075 was later analyzed separately from the other Event 5 samples for dissolved methylmercury because a problem was encountered with analyzer gas flow during the initial analysis. Method quality-control results associated with this sample indicated that the analytical system was clearly in control.

Precision

Laboratory duplicates were analyzed at the required frequency for all sample events. The results reported by the laboratory for duplicate analyses generally met the criteria for acceptable performance. The control limits for precision were 20 relative percent difference (RPD) for total mercury and 25 RPD for methylmercury.

A field blank was analyzed in duplicate for the initial analysis of Event 4 samples for methylmercury. Precision could not be determined from the laboratory duplicates because methylmercury was undetected in both sample aliquots. Filtered Sample LW0066 was subsequently analyzed in duplicate to check for matrix interferences. The RPD for the duplicates was acceptable. There were ample quality-control results to support the initial Event 4 results, and no data were qualified as estimated.

For the total mercury analyses in Event 5, the RPD between the MS and MSD was used to assess precision. All results for these spiked duplicates were within control limits. This procedure is consistent with requirements of USEPA Method 1631.

The methylmercury samples from Event 5 were reanalyzed using smaller sample aliquots to minimize matrix interferences. The initial analyses (four trials) failed to produce acceptable MS/MSD or laboratory duplicate results. Several sets of MSs and MSDs and laboratory duplicate samples were included with the reanalyses. The RPDs were not within control limits for the laboratory duplicates. However, all results were within control limits for the MSs and MSDs. No data were qualified.

Analyte Quantification and Method Reporting Limits

The calculations for analyte quantification were acceptable for all target analytes. MRLs met project DQOs in most cases.

The laboratory performed reanalyses for methylmercury on three samples for Events 3 and 4. For unfiltered Sample LW0047, the reanalysis result agreed with the initial result (9 RPD). These results were averaged in the database. Reanalyses were completed for total and dissolved methylmercury in Sample LW0060. This sample was also used for the MS and MSD and laboratory duplicate. Since the reanalysis results contained accuracy and precision data on the sample itself and are, therefore, more reliable, these results for the reanalysis were reported in the database. The quality control samples for Event 4 were reanalyzed for methylmercury because a field blank was used for the MS/MSD and laboratory duplicate. Filtered Sample LW0066 was reanalyzed when it was used for additional MS/MSDs and laboratory duplicates. The average of the initial methylmercury result and both reanalysis results (i.e., the laboratory duplicates) was reported in the database for filtered Sample LW0066.

Comparison of Concentrations in Whole and Filtered Samples

The laboratory noted that the dissolved methylmercury concentrations were higher than the total (unfiltered) methylmercury concentrations for Samples LW0005, LW0007, LW0012, and LW0014, collected for

Event 1. These samples were redistilled and reanalyzed and the same trend was noted. The laboratory reported methylmercury concentrations for the initial analyses for all samples except LW0014. Sample LW0014 was reanalyzed for total and dissolved methylmercury using smaller sample aliquots. The dissolved value was even higher than the value reported initially and the difference between the two values (total/dissolved) was greater. The laboratory suggested that a chemical interference may have been present that was related to the particulates and was partially removed during the sample filtration. This would lead to the higher methylmercury results in the filtered sample (i.e., an interference associated with particulate matter would be more pronounced in the unfiltered sample). The remainders of both the filtered and unfiltered samples were consumed in these reanalyses, and no further tests could be performed.

The methylmercury results for the reanalysis of Sample LW0014 were reported and qualified as estimated (*J*) because of the discrepancies between the whole and dissolved concentrations. The methylmercury results for Sample LW0007 were also qualified as estimated (*J*), because they share a depth profile similar to Sample LW0014.

Total and dissolved methylmercury in Sample LW0036 were also reanalyzed using smaller aliquot volumes because the dissolved fraction concentration was higher than the whole fraction concentration in the first analyses. Result for dissolved methylmercury were similar in the two runs, but the result for total mercury was higher in the reanalysis. Results for the reanalysis were reported.

Field Quality Control

The field quality control samples included six field duplicate pairs (12 samples) and seven field-blank samples.

Field Duplicates

The precision for field duplicate analyses was acceptable, with several qualifications. Results for field duplicates are provided in Tables A4-2 and A4-3.

Five of the 12 field duplicate sample results for total mercury and one result for methylmercury exceeded the control limit for precision (25 RPD). These duplicate results were qualified as estimated.

Field Blanks

Target analytes were detected in several field blanks. Sample concentrations were greater than 5 times the blank concentration in all except two cases.

The total mercury level measured in the field blank for Event 1, LWFB01, was higher than most total mercury results in the associated surface water samples. Only one whole surface water result (Sample LW0023) was above the action limit (sample concentration at least 5 times the blank). This field blank was collected at the end of the day, after all of the nearshore surface water samples. The last sample to be collected had a total mercury concentration of 10.3 ng/L, whereas the blank contained 16 ng/L. The

equipment decontamination procedure involves rinsing the sampler with dilute nitric acid, followed by numerous rinses with distilled, deionized water. A limited amount of water remained at the end of the day for the field samplers to rinse their equipment according to protocol, and the rinse was apparently inadequate. In this situation, the blank did not accurately reflect procedures in the field to minimize cross-contamination between samples. The concentration of mercury in this field blank was noted, but no action was taken.

Dissolved total mercury was detected in field blank LWFB05, collected for Event 3. The results for dissolved total mercury in Samples LW0051, LW0059, LW0060, and LW0061 were less than 5 times the blank and were qualified as estimated (*J*). These results may be biased high.

References

Bloom, N. 1997. Preservation and storage of environmental samples for low level mercury speciation. Poster presentation at the Geosciences '97 meeting in Vail, Colorado. Frontier Geosciences Inc., Seattle, Washington.

Franson, M.H. (ed.) 1992. Standard methods for the examination of water and wastewater. 18th Edition. American Public Health Association, American Water Works Association and Water Environmental Federation, Washington, DC.

PTI. 1991. Onondaga Lake RI/FS sampling and analysis plan. Volume 2: Quality Assurance Project Plan. Prepared for AlliedSignal Inc., Solvay, NY. PTI Environmental Services, Bellevue, WA.

US Environmental Protection Agency (USEPA). 1983. Methods for chemical analysis of water and wastes. USEPA-600/4-79-020. USEPA, Environmental Monitoring and Support Laboratory, Cincinnati, OH.

USEPA. 1989. J-qualified CLP data and recommendations for its use. Memorandum from H.M. Fribush, Technical Project Officer, Analytical Operations Branch, to S. Wells, Chief, NPL Criteria Section, Site Assessment Branch. USEPA, Office of Solid Waste and Emergency Response, Washington, DC.

USEPA. 1992. Evaluation of metals data for the Contract Laboratory Program (CLP). SOP HW-2. USEPA, Region 2.

USEPA. 1997. Test methods for evaluating solid waste – physical/chemical methods, SW-846. Version 2.0 CD-ROM. USEPA, Washington, DC.

USEPA. 1998. Method 1630: Methyl mercury in water by distillation, aqueous ethylation, purge and trap, and cold vapor atomic fluorescence spectrometry. Draft. USEPA, Office of Water.

USEPA. 1999a. Method 1631, Revision B: Mercury in water by oxidation, purge and trap, and cold vapor atomic fluorescence spectrometry. USEPA/821/R-99/05. USEPA , Office of Water.

USEPA. 1999b. Volatile organic compounds by gas chromatography/mass spectrometry (GC/MS): Capillary column technique. SOP HW-24. USEPA, Region 2.

Table A4-1. Summary of Field Samples, Analyses, and Methods for the 1999 Supplemental Lake Water Study

Parameter	Method	Laboratory	Field Blanks	Lake Water Samples	Field Duplicates
Organic analyses					
Volatile organic compounds	USEPA Method 8260B (USEPA, 1997)	OBG	2[a]	11	1
Conventional parameters					
Chlorophyll *a*	NP	UFI	6	64	5
Hydrogen sulfide	NP	UFI	3	64	5
Sulfate	USEPA Method 375.2 (USEPA, 1983)	UFI	–	64	4
Sulfides	USEPA Method 376.1 (USEPA, 1983)	UFI	3	64	5
Total alkalinity	NP	UFI	–	64	5
Total suspended solids (MF)	SM 2540D (Franson, 1992)	UFI	1	64	5
Total suspended solids (GF)	SM 2540D (modified)[b] (Franson, 1992)	UFI	–	64	5
Total suspended solids (MF)	USEPA Method 160.2 (USEPA, 1983)	OBG	–	11	1
Total suspended solids (GF)	USEPA Method 160.2 (modified)[b] (USEPA, 1983)	OBG	–	11	1
Volatile suspended solids[c]	NP	UFI	–	64	5
Inorganics and Organometallics					
Chromium (total)	USEPA Method 200.7 (USEPA, 1983)	OBG	2	11	1
Lead (total)	USEPA Method 200.7 (USEPA, 1983)	OBG	2	11	1
Manganese (total)	USEPA Method 200.7 (USEPA, 1983)	OBG	2	11	1
Manganese (total and dissolved)	NP	UFI	6	64	5
Nickel (total)	USEPA Method 200.7 (USEPA, 1983)	OBG	2	11	1
Iron (total and dissolved)	NP	UFI	6	64	5
Methylmercury (total and dissolved)	USEPA Method 1630 (USEPA, 1998)	FGS	7	73	6
Total mercury (total and dissolved)	USEPA Method 1631B (USEPA, 1999a)	FGS	7	73	6

Source: Exponent, 2001c

Notes: USEPA – US Environmental Protection Agency
FGS – Frontier Geosciences
GF – glass-fiber filter
MF – membrane filter
NP – information not provided
OBG – O'Brien & Gere Laboratories
SM – standard method
UFI – Upstate Freshwater Institute Laboratory

[a] Two trip blanks were also collected for volatile organic compounds.

[b] Modification consists of the use of a membrane filter with a pore size of 0.45 µm rather than the glass-fiber filter specified in the method description. This modification is made to provide a consistent pore size for sample filtration for dissolved mercury concentrations and total suspended solids.

[c] Total volatile solids in the suspended solids.

Table A4-2. Results for Field Duplicates, Surface Water Samples

	Survey:	O-WCSUP		
	Station:	W53		
	Date:	9/28/1999		
	Depth (m):	1		
	Duplicate:	D1	D2	
	Sample Number:	LW0019	LW0026	
Chemical	**Units**			**RPD**
Volatile Organic Compounds				
1,1,1-Trichloroethane	µg/L-ww	0.5 U	0.5 U	consistent
1,1,2,2-Tetrachloroethane	µg/L-ww	0.5 U	0.5 UJ	consistent
1,1,2-Trichloroethane	µg/L-ww	0.5 U	0.5 U	consistent
1,1-Dichloroethane	µg/L-ww	0.5 U	0.5 U	consistent
1,1-Dichloroethene	µg/L-ww	0.5 U	0.5 U	consistent
1,2-Dichlorobenzene	µg/L-ww	0.5 U	0.5 UJ	consistent
1,2-Dichloroethane	µg/L-ww	0.5 U	0.5 U	consistent
1,2-Dichloropropane	µg/L-ww	0.5 U	0.5 U	consistent
1,4-Dichlorobenzene	µg/L-ww	0.18 J	0.5 U	–
2-Butanone	µg/L-ww	10 UJ	10 U	consistent
2-Hexanone	µg/L-ww	5 U	5 U	consistent
4-Methyl-2-pentanone	µg/L-ww	5 U	5 U	consistent
Benzene	µg/L-ww	0.5 U	0.5 U	consistent
Bromodichloromethane	µg/L-ww	0.5 U	0.5 U	consistent
Bromoform	µg/L-ww	0.5 U	0.5 U	consistent
Bromomethane	µg/L-ww	1 U	1 U	consistent
Carbon disulfide	µg/L-ww	0.5 U	0.5 U	consistent
Carbon tetrachloride	µg/L-ww	0.5 U	0.5 U	consistent
Chlorobenzene	µg/L-ww	0.5 U	0.5 U	consistent
Chloroethane	µg/L-ww	1 U	1 U	consistent
Chloroform	µg/L-ww	0.16 J	0.16 J	0.0%
Chloromethane	µg/L-ww	1 U	1 U	consistent
Cis-1,2-dichloroethene	µg/L-ww	0.5 U	0.5 U	consistent
Cis-1,3-dichloropropene	µg/L-ww	0.5 U	0.5 U	consistent
Dibromochloromethane	µg/L-ww	0.5 U	0.5 U	consistent
Ethylbenzene	µg/L-ww	0.5 U	0.5 U	consistent
Methylene chloride	µg/L-ww	0.17 UJ	0.15 UJ	consistent
Styrene	µg/L-ww	0.5 U	0.5 U	consistent
Tetrachloroethene	µg/L-ww	0.5 U	0.5 U	consistent
Toluene	µg/L-ww	0.5 U	0.5 U	consistent
Trans-1,2-dichloroethene	µg/L-ww	0.5 U	0.5 U	consistent
Trans-1,3-dichloropropene	µg/L-ww	0.5 U	0.5 U	consistent
Trichloroethene	µg/L-ww	0.5 U	0.5 U	consistent
Vinyl chloride	µg/L-ww	1 U	1 U	consistent
Xylene (Total)	µg/L-ww	0.5 U	0.5 U	consistent
Conventional/Wet Chemistry				
Total suspended solids – E2-GF	mg/L-sus	2.8	3	6.9%
Total suspended solids – E2-MF	mg/L-sus	3.3	3	9.5%

Table A4-2. (cont.)

	Survey:	O-WCSUP		
	Station:	W53		
	Date:	9/28/1999		
	Depth (m):	1		
	Duplicate:	D1	D2	
	Sample Number:	LW0019	LW0026	
Chemical	**Units**			**RPD**
Inorganics and Organometallics				
Chromium	µg/L-ww	3.5	2.6	29.5%
Lead	µg/L-ww	1.6 U	1.6 U	consistent
Manganese	µg/L-ww	15 J	15.4 J	2.6%
Total mercury	ng/L-ww	26.2	9.81	91.0%
Total mercury – dissolved	ng/L-dis	7.83	4.11	62.3%
Methylmercury	ng/L-ww	0.815	0.822	0.9%
Methylmercury – dissolved	ng/L-dis	0.25	0.216	14.6%
Nickel	µg/L-ww	4 J	3.9 J	2.5%

Notes: 1. RPD – relative percent difference
2. If one of the samples was non-detect and the other was detected, the RPD could not be calculated.
3. If both samples were non-detects, the RPD was classified as "consistent."
4. GF – glass-fiber filter
5. MF– membrane filter

Table A4-3. Results for Field Duplicates – Water Column Samples

	Survey:	O-WCSUP			O-WCSUP			O-WCSUP		
	Station:	W1			W1			W1		
	Date:	10/15/1999			10/25/1999			11/9/1999		
	Depth (m):	9			9			12		
	Duplicate:	D1	D2		D1	D2		D1	D2	
	Sample Number:	LW0031	LW0027		LW0047	LW0051		LW0067	LW0068	
Chemical	**Units**			**RPD**			**RPD**			**RPD**
Conventional/Wet Chemistry										
Chlorophyll-a	µg/L-ww	14	14.1	0.7%	9.1	9.1	0.0%	11.1	10.7	3.7%
Hydrogen sulfide	µg/L-ww	1000 U	1000 U	consistent	1000 U	1000 U	consistent	1000 U	1000 U	consistent
Sulfate	mg/L-ww	181.3		–		146.8	–	192.9	179.5	7.2%
Sulfides	mg/L-ww	1 U	1 U	consistent	1 U	1 U	consistent	1 U	1 U	consistent
Total alkalinity	mg/L-ww	140.5	141	0.4%	147.4	148.4	0.7%	148.1	150	1.3%
Total suspended solids – 2540D-GF	mg/L-sus	3.1	3.1	0.0%	3.5	3	15.4%	2.1	1.9	10.0%
Total suspended solids – 2540D-MF	mg/L-sus	3	2.2	30.8%	1	0.3	107.7%	0.1 U	0.1 U	consistent
Volatile suspended solids	mg/L-ww	1.8	2	10.5%	1.9	1.3	37.5%	1.5	0.8	60.9%
Inorganics and Organometallics										
Iron	µg/L-ww	133	76	54.5%	39	83	72.1%	54	63	15.4%
Iron – dissolved	µg/L-dis	15	11	30.8%	1	6	142.9%	0.1 U	1	inconsistent
Manganese	µg/L-ww	73	99	30.2%	98	88	10.8%	95	107	11.9%
Manganese – dissolved	µg/L-dis	10	18	57.1%	20	19	5.1%	0.035 U	6	inconsistent
Total mercury	ng/L-ww	7.2	7.6	5.4%	6.74	6.5	3.6%	10.8	11.4	5.4%
Total mercury – dissolved	ng/L-dis	2.5	1.9	27.3%	2.26	1.37 J	49.0%	1.62	1.89	15.4%
Methylmercury	ng/L-ww	2.24	2.28	1.8%	2.23	1.93	14.4%	1.65	1.6	3.1%
Methylmercury – dissolved	ng/L-dis	1.15	1.08	6.3%	0.949	1.15	19.2%	0.66	0.763	14.5%

Table A4-3. (cont.)

	Survey:	O-WCSUP			O-WCSUP		
	Station:	W1			W12		
	Date:	12/2/1999			9/28/1999		
	Depth (m):	12			2		
	Duplicate:	D1	D2		D1	D2	
	Sample Number:	LW0076	LW0075		LW0015	LW0016	
Chemical	Units			RPD			RPD
Conventional/Wet Chemistry							
Chlorophyll-a	µg/L-ww	11.7	12	2.5%	22.8	44.6	64.7%
Hydrogen sulfide	µg/L-ww	1000 U	1000 U	consistent	1000 U	1000 U	consistent
Sulfate	mg/L-ww				196	198.9	1.5%
Sulfides	mg/L-ww	1 U	1 U	consistent	1 U	1 U	consistent
Total alkalinity	mg/L-ww	150	147.2	1.9%	116.9	116	0.8%
Total suspended solids – 2540D-GF	mg/L-sus	2.4	3.5	37.3%	2.9	4.9	51.3%
Total suspended solids – 2540D-MF	mg/L-sus	2	1	66.7%	0.1 U	0.1 U	consistent
Volatile suspended solids	mg/L-ww	1.5	2.4	46.2%	2.6	4.1	44.8%
Inorganics and Organometallics							
Iron	µg/L-ww	96	92	4.3%	76	65	15.6%
Iron – dissolved	µg/L-dis	5	1	133.3%	28	13	73.2%
Manganese	µg/L-ww	69	68	1.5%	32	25	24.6%
Manganese – dissolved	µg/L-dis	6	7	15.4%	5	2	85.7%
Mercury – total	ng/L-ww	6.55	6.95	5.9%	4.83	3.95	20.0%
Mercury – dissolved	ng/L-dis	1.36	1.61	16.8%	0.83	0.25	107.4%
Methylmercury	ng/L-ww	1.19	1.35	12.6%	1.12	1.67	39.4%
Methylmercury – dissolved	ng/L-dis	0.547	0.571	4.3%	0.315	0.361	13.6%

Notes: 1. RPD = relative percent difference

2. If one of the samples was non-detect and the other was detected, the RPD could not be calculated.

3. If both samples were non-detects, the RPD was classified as consistent.

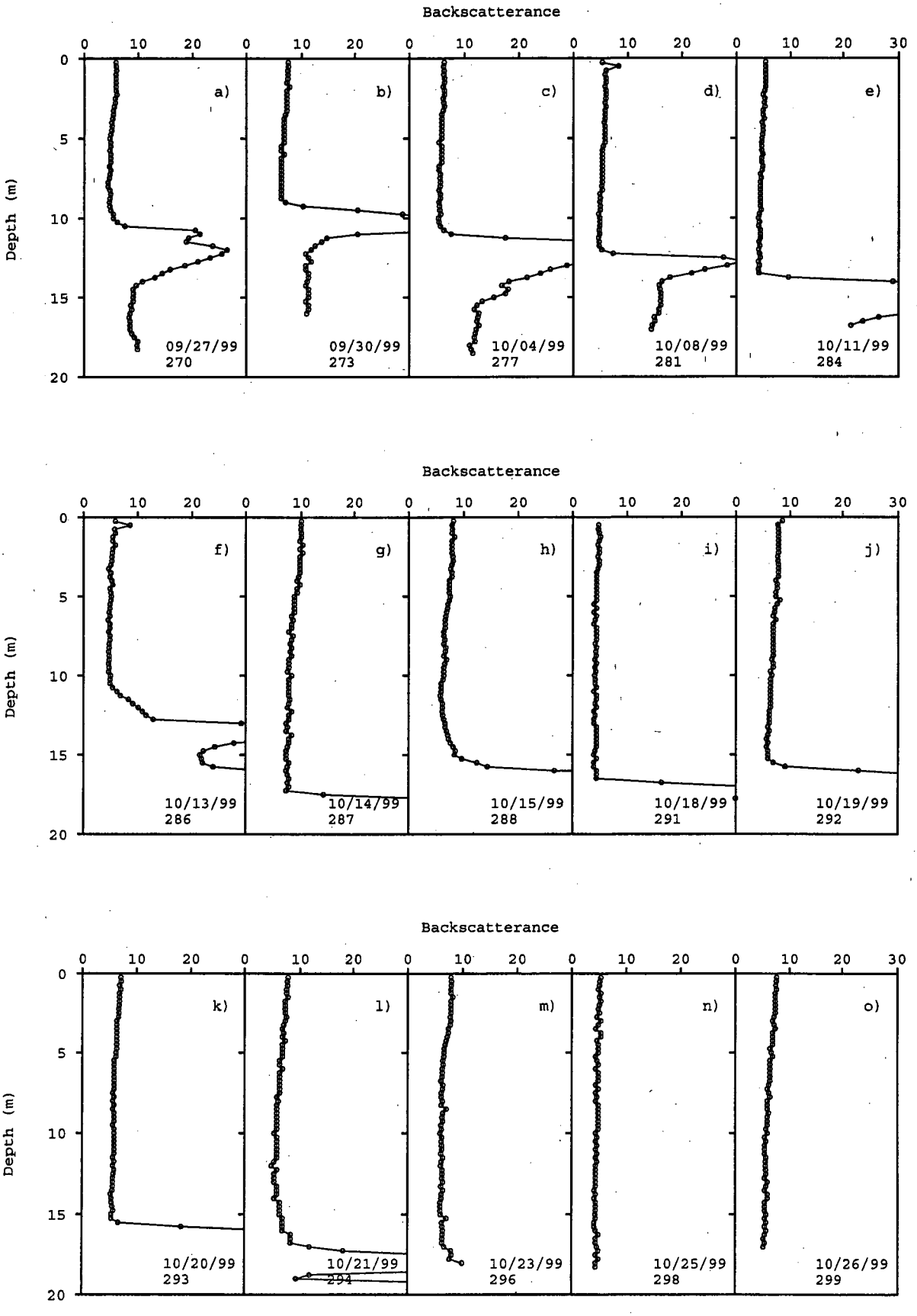
4. GF – glass fiber filter

5. MF– membrane filter

Appendix A5

Data Provided by Upstate Freshwater Institute (1999)

1999 Backscatterance Profiles for Onondaga Lake: South Deep



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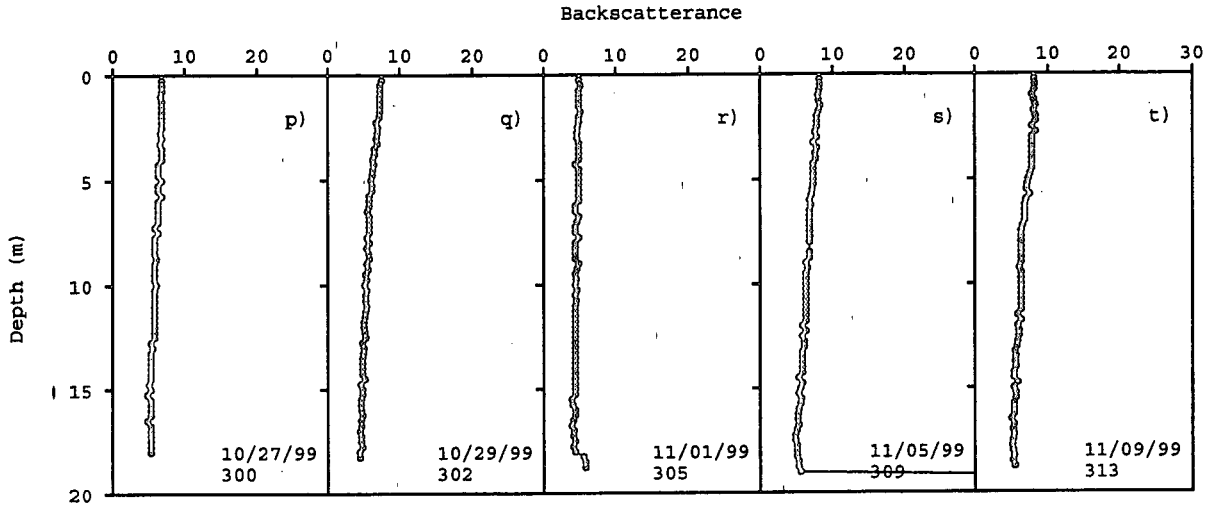
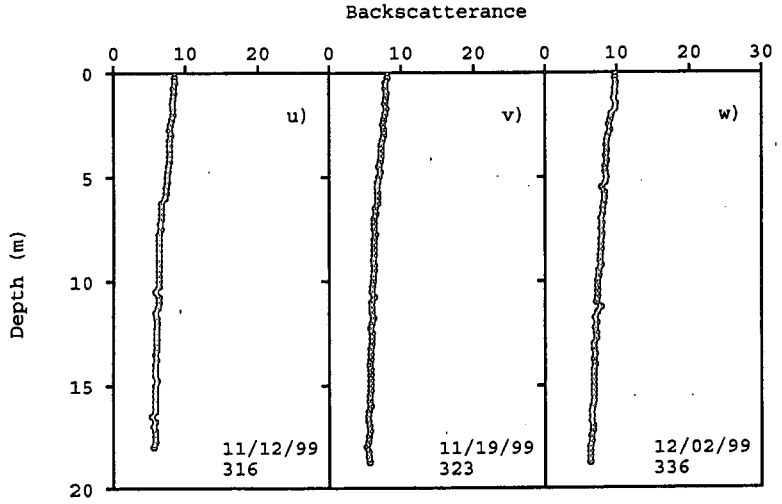
Thu Dec 02 15:00:18 1999

1999 Backscatterance Profiles for Onondaga Lake: South Deep





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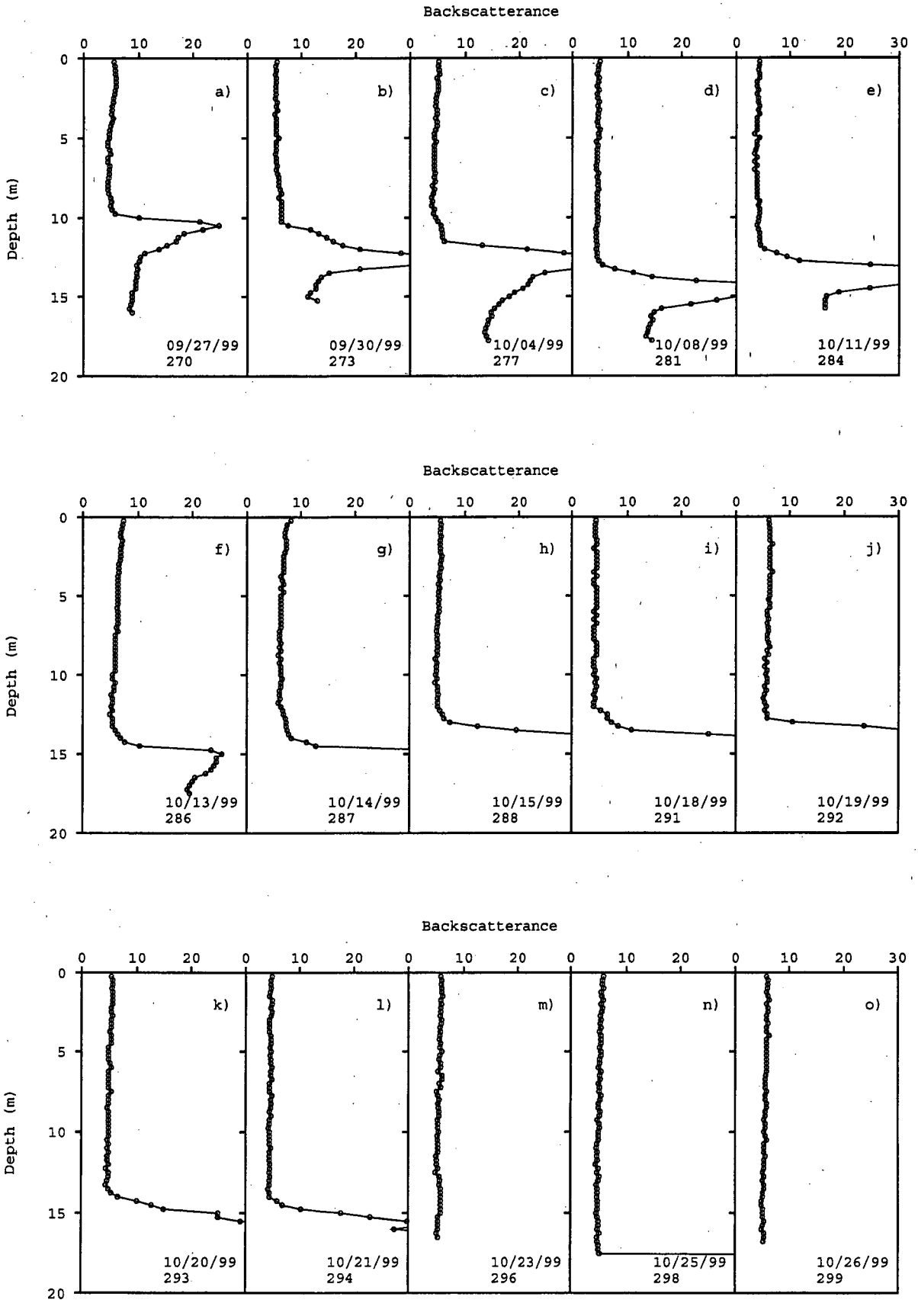

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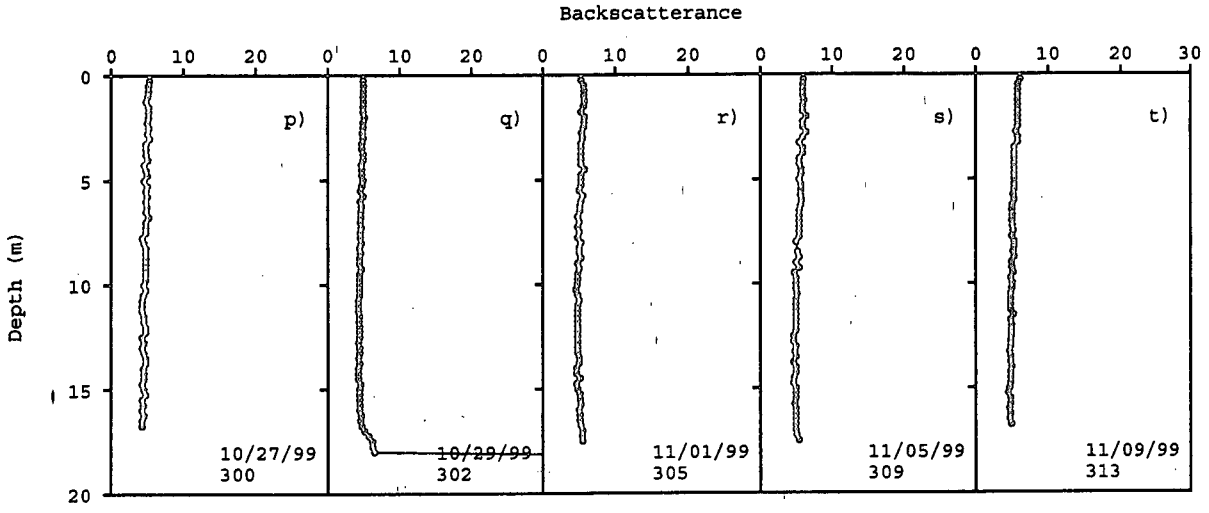

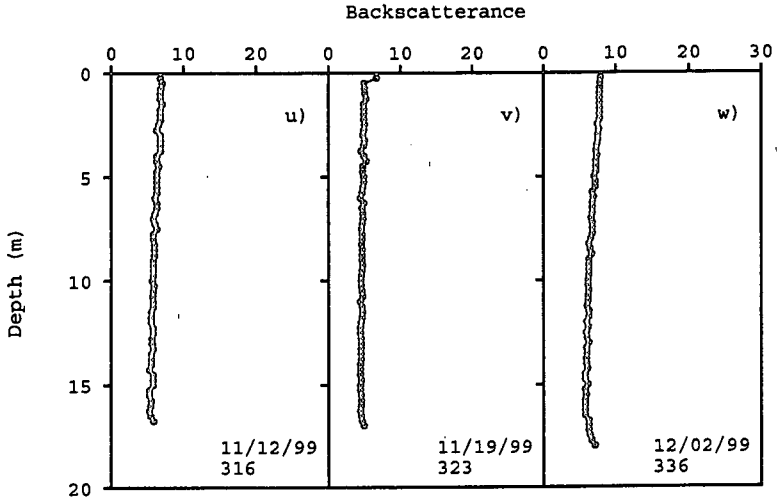

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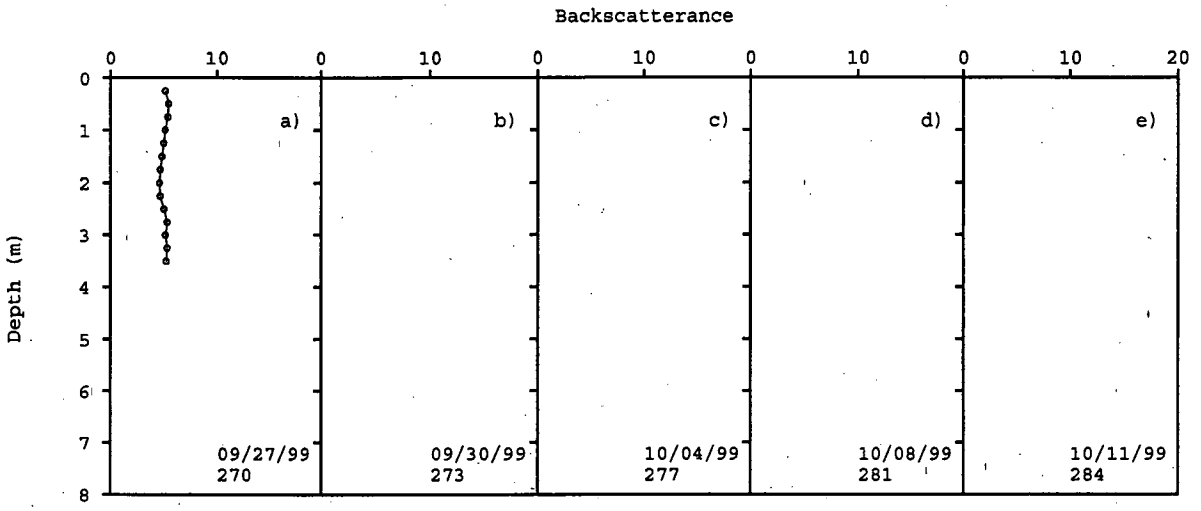
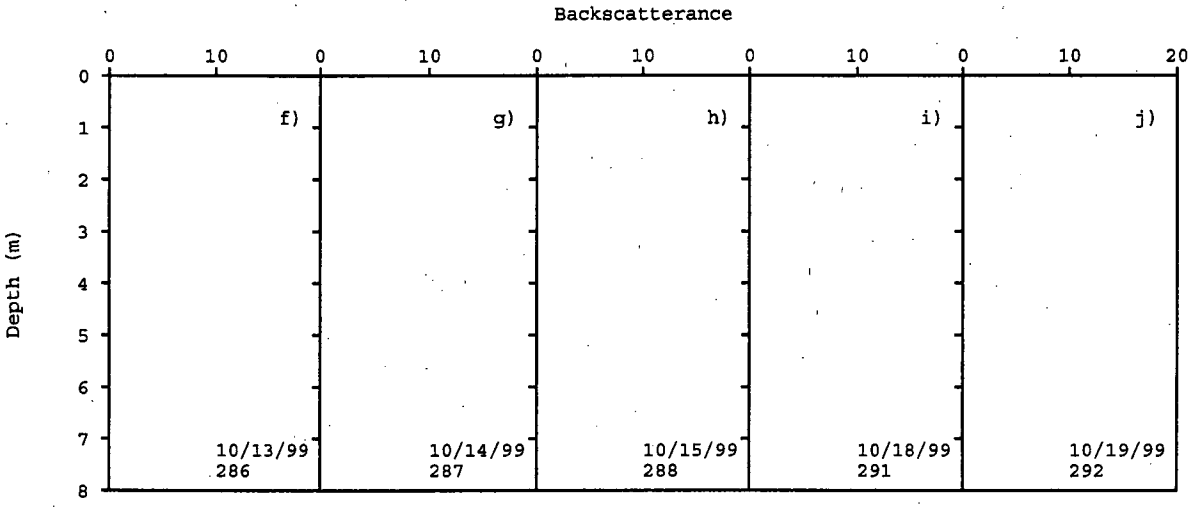
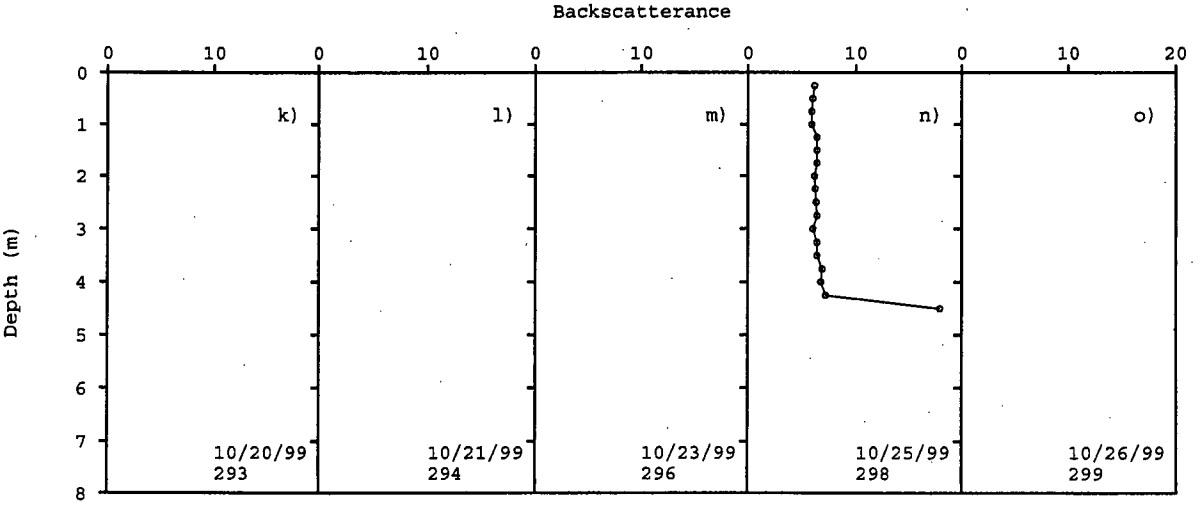
1999 Backscatterance Profiles for Onondaga Lake: Outlet







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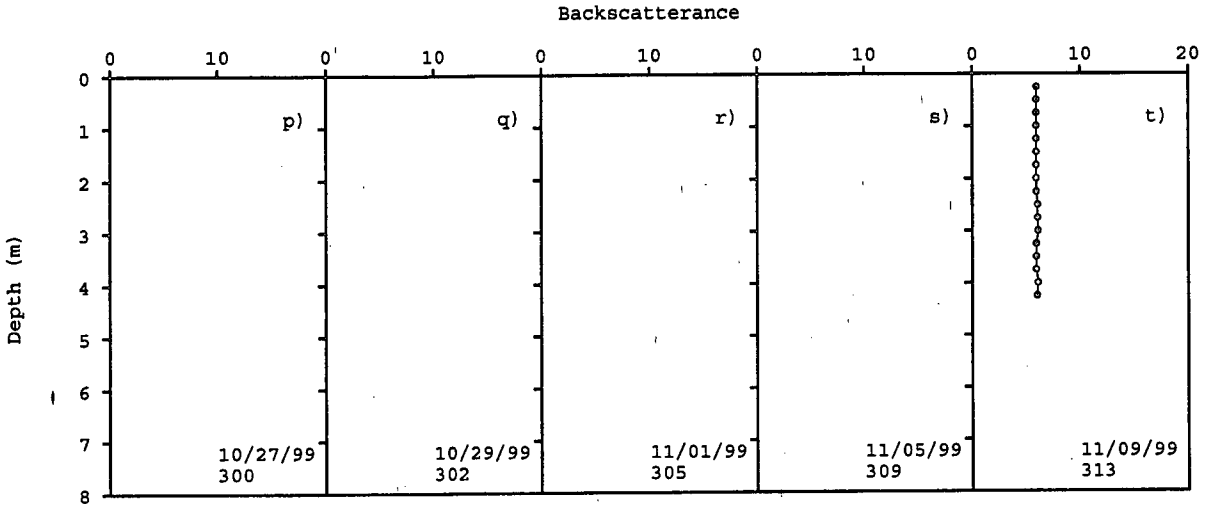

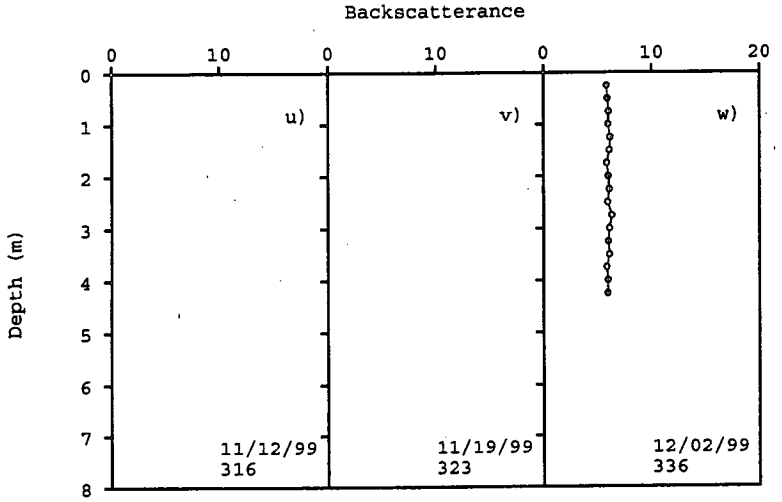

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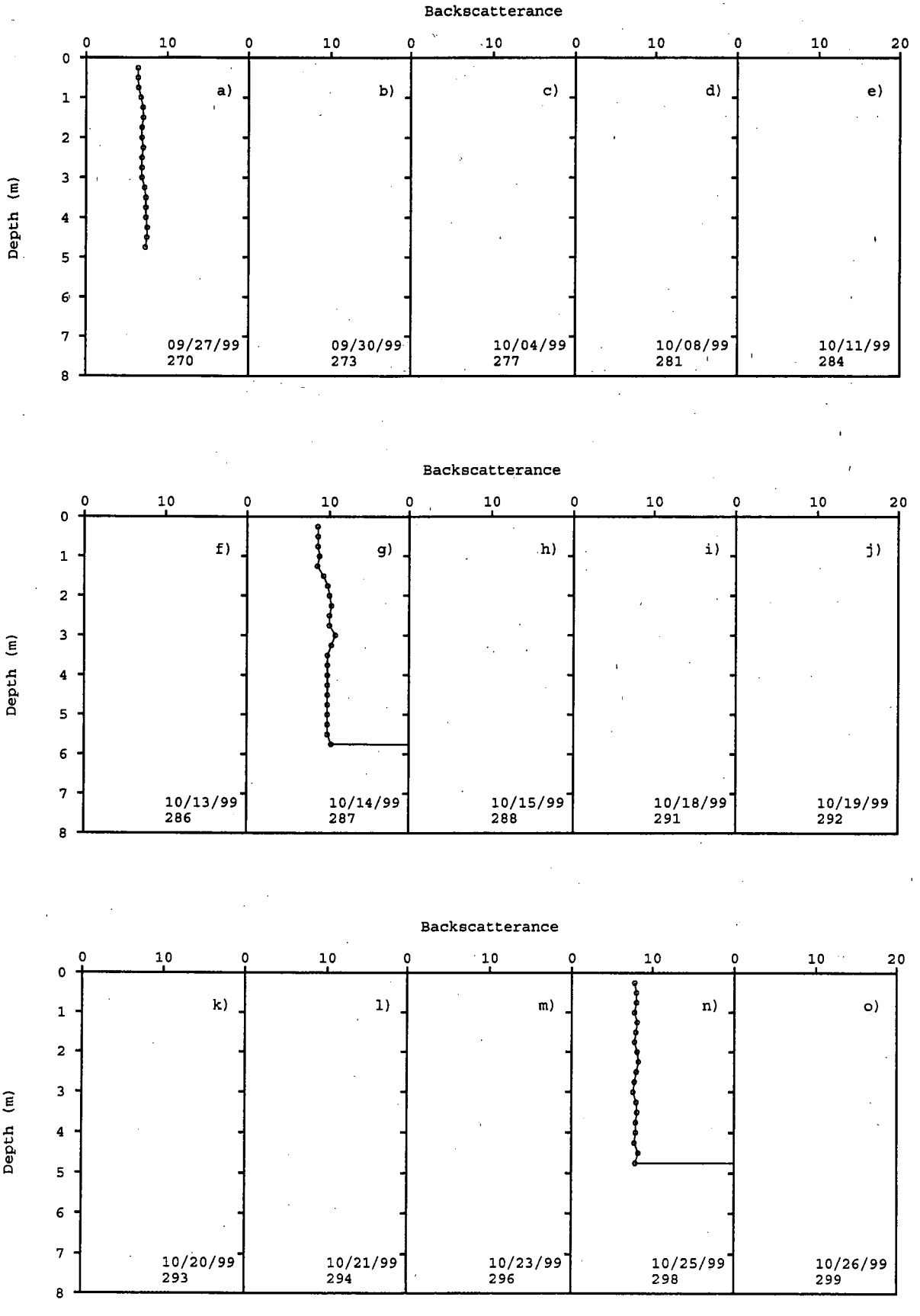
1999 Backscatterance Profiles for Onondaga Lake: River Upstream



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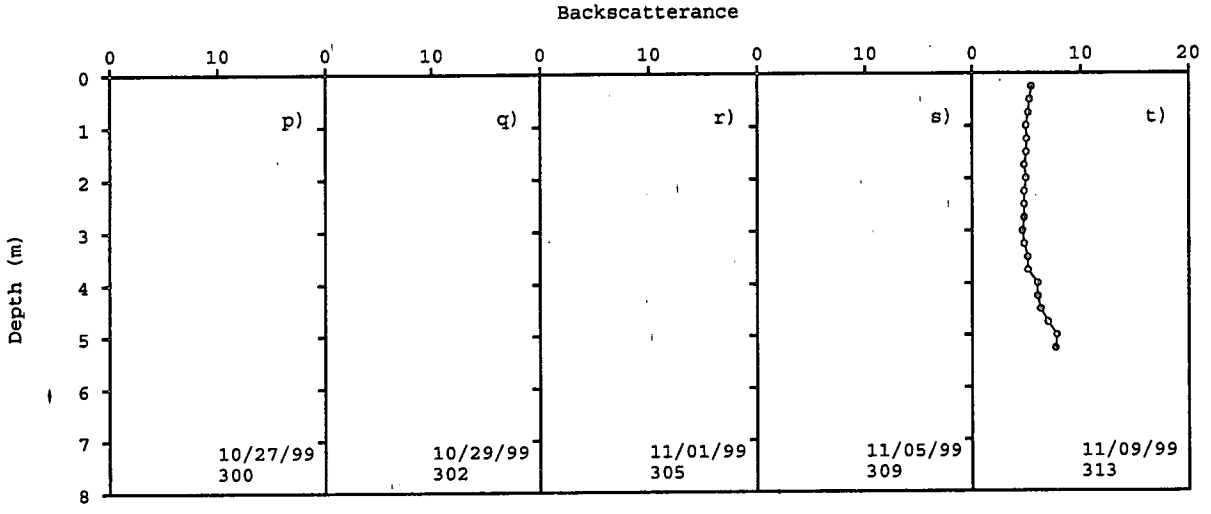

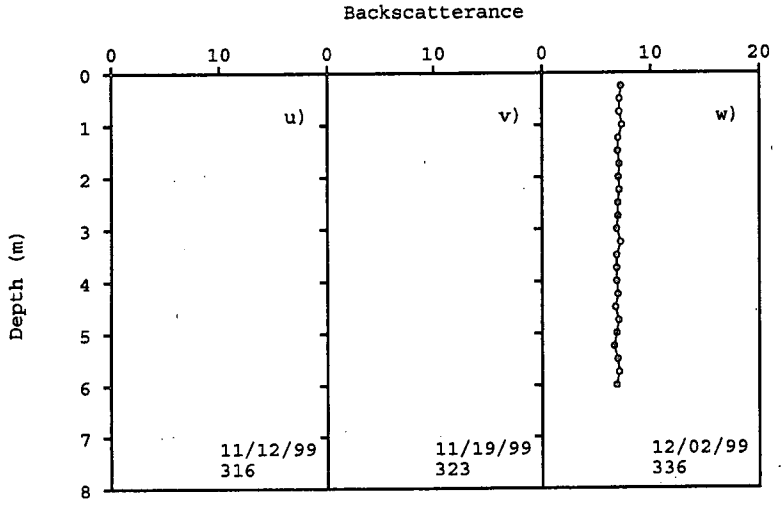

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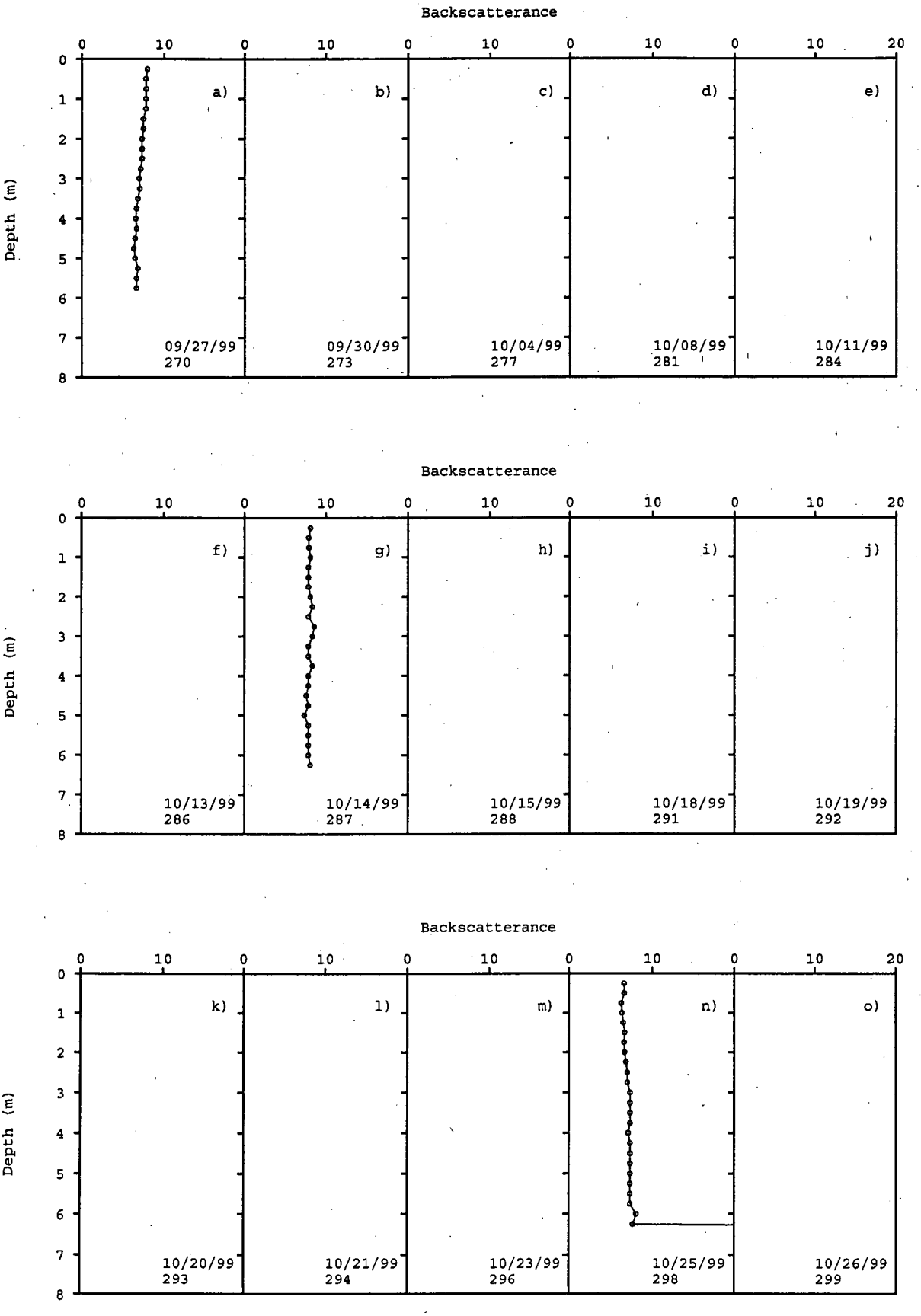
1999 Backscatterance Profiles for Onondaga Lake: River Downstream



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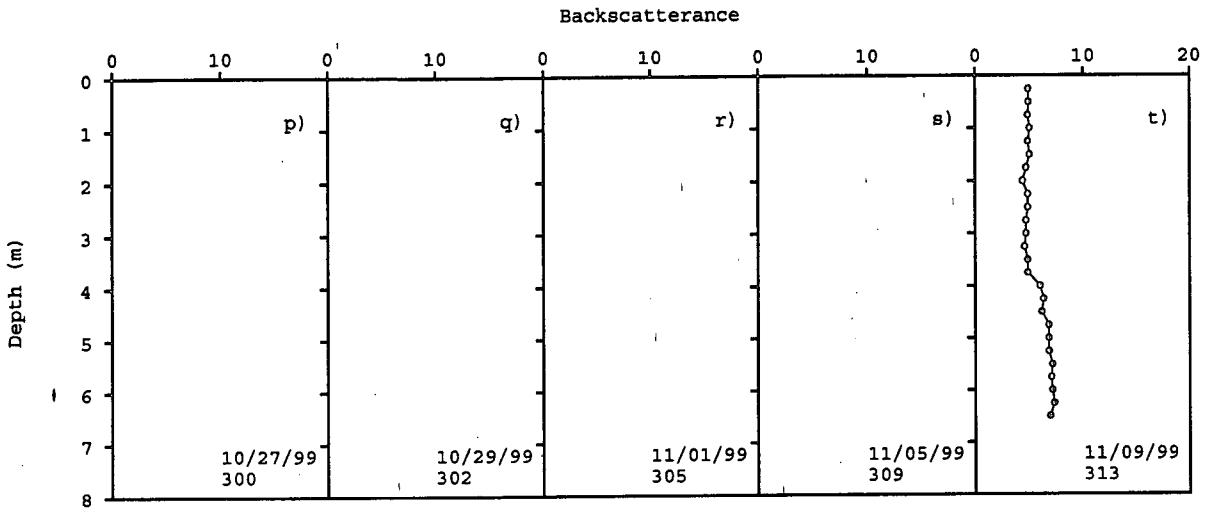
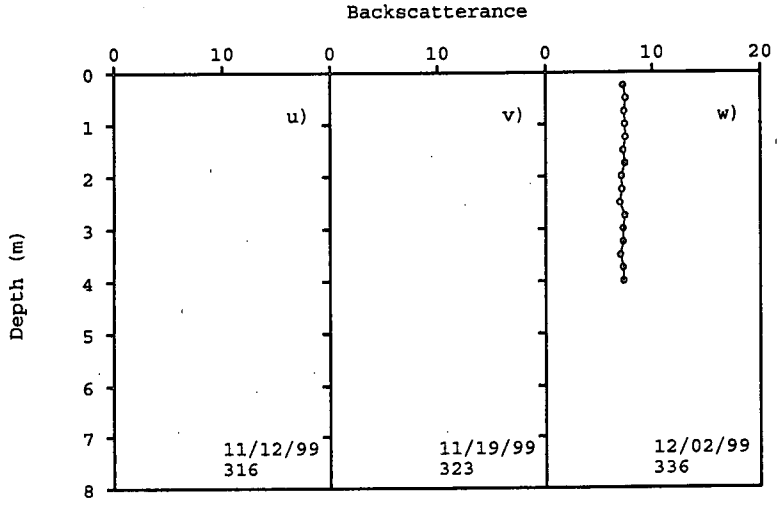
1999 Backscatterance Profiles for Onondaga Lake: River Downstream





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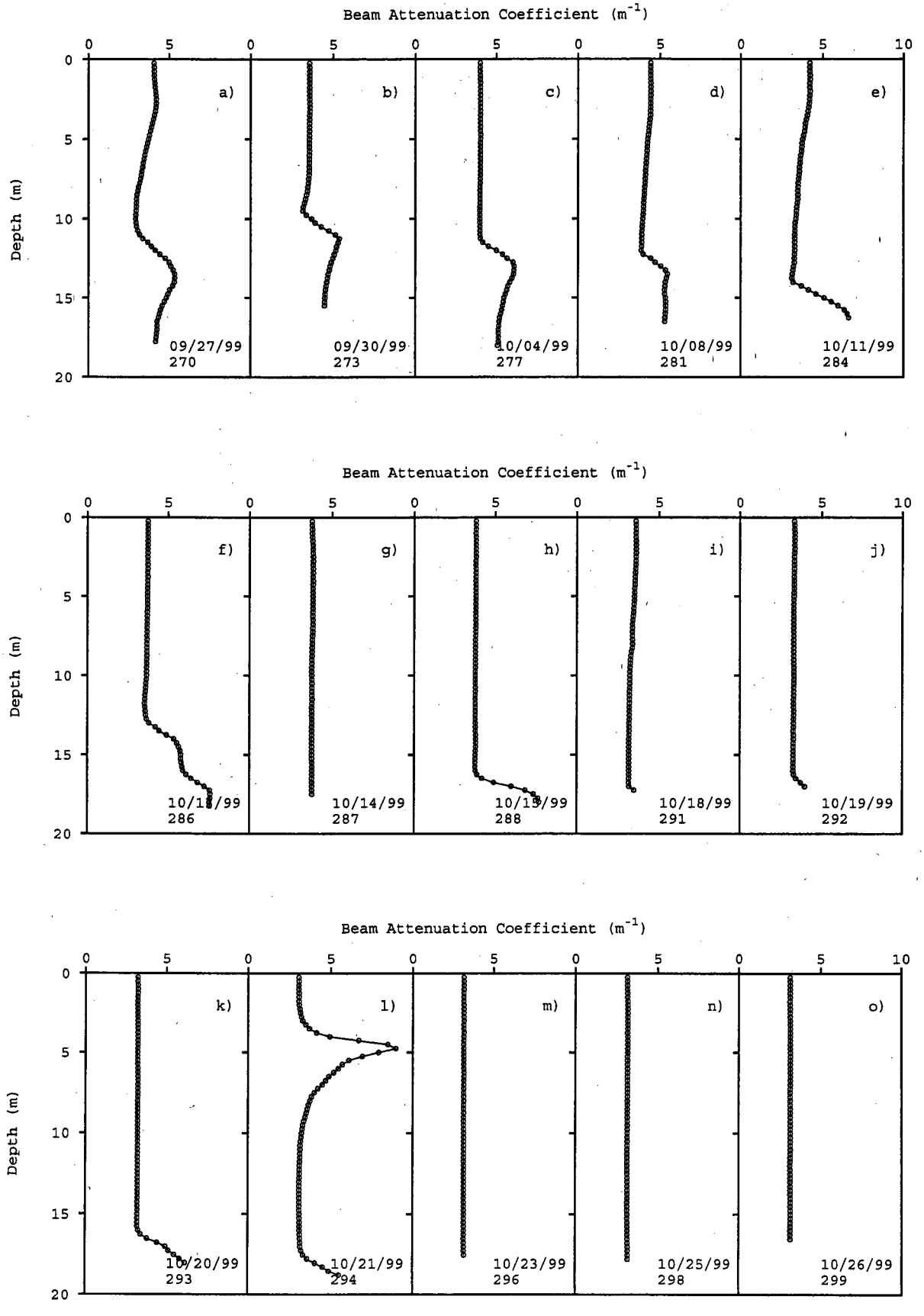
1999 Beam Attenuation Coefficient Profiles for Onondaga Lake: South Deep



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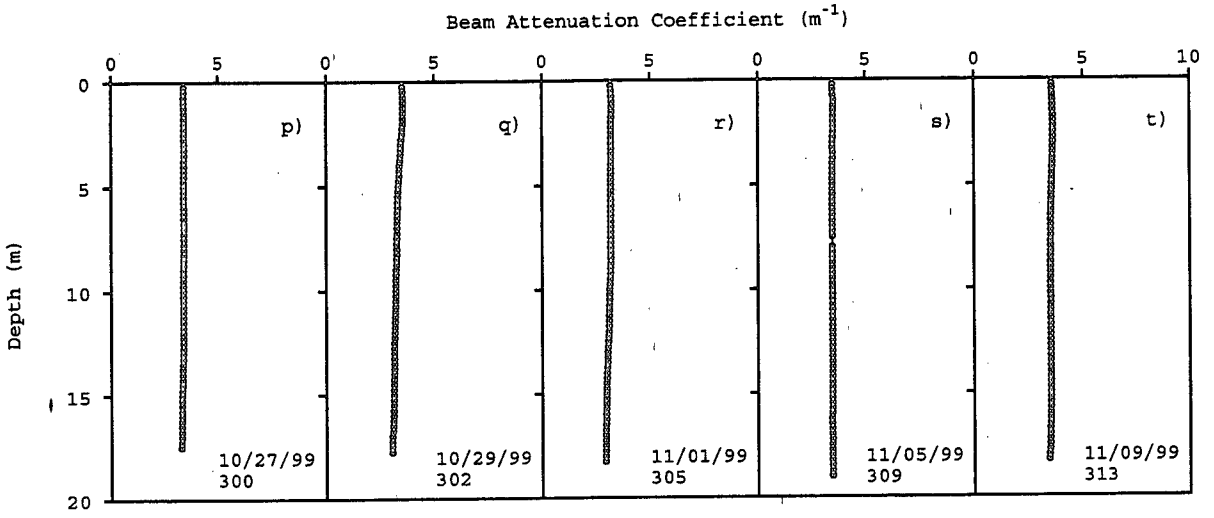

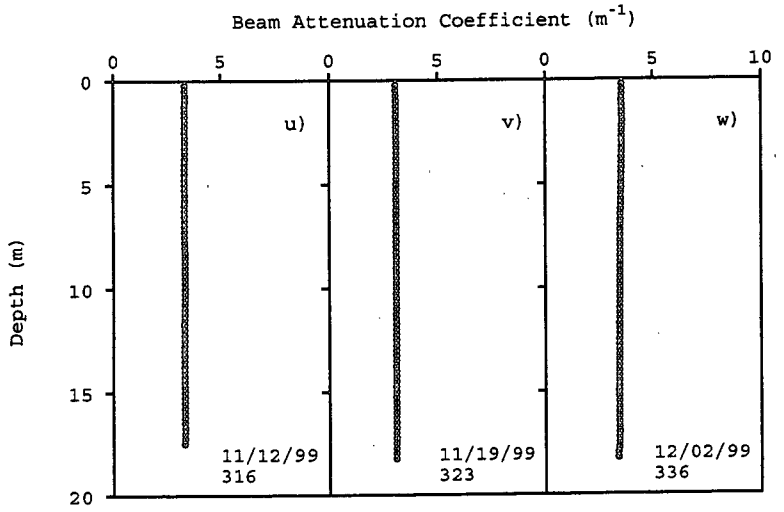

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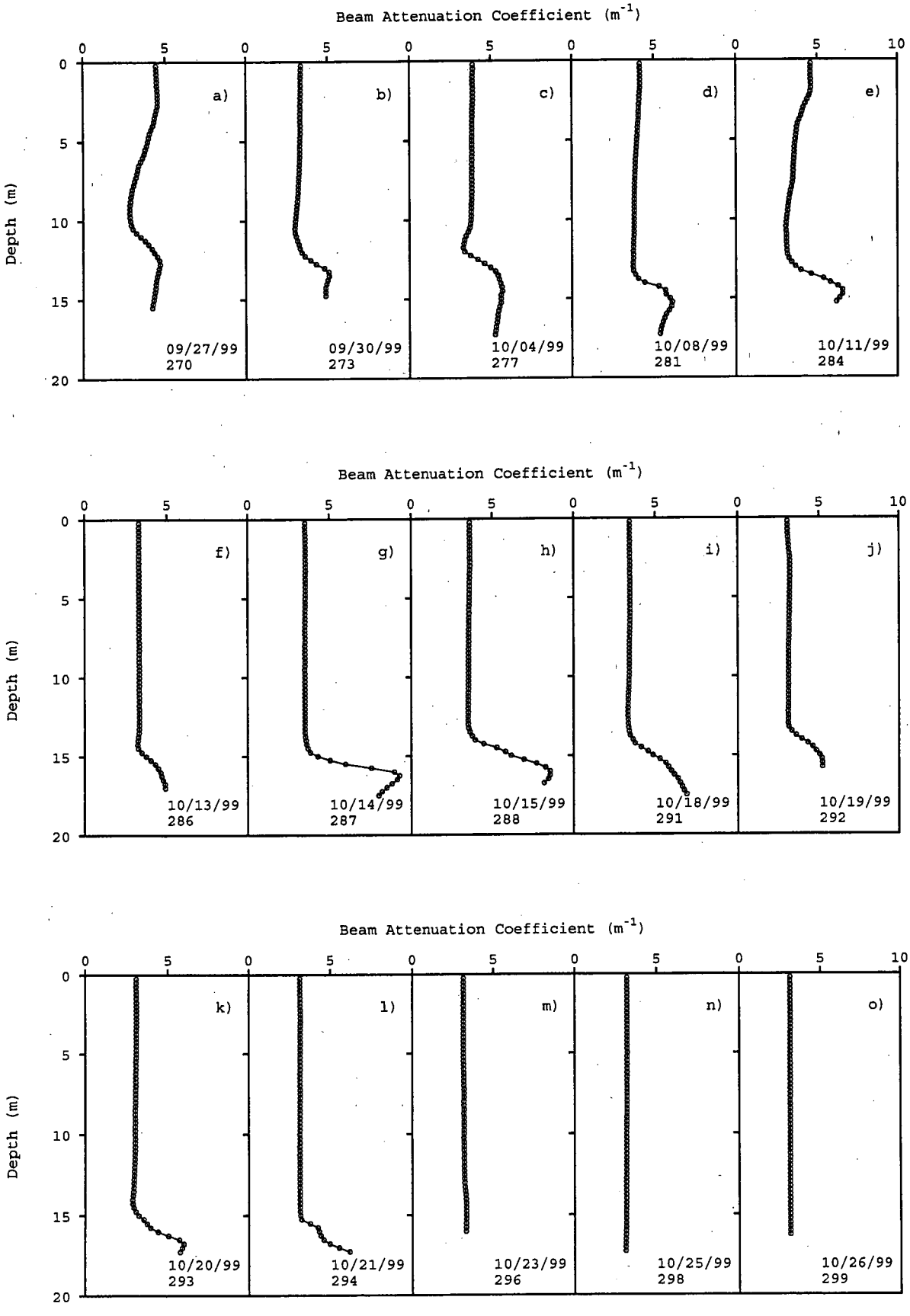
1999 Beam Attenuation Coefficient Profiles for Onondaga Lake: North Deep



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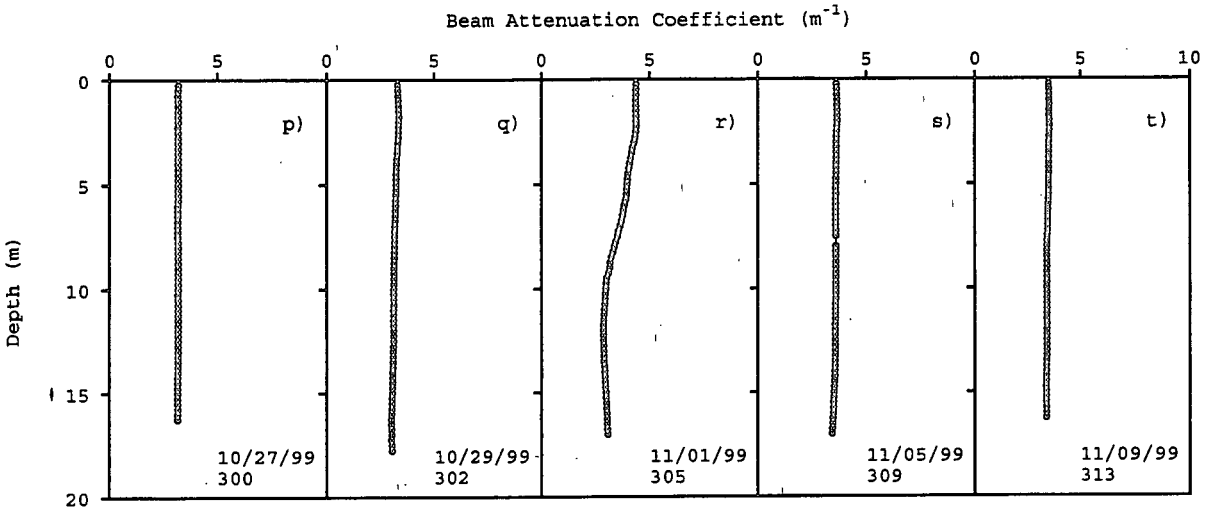
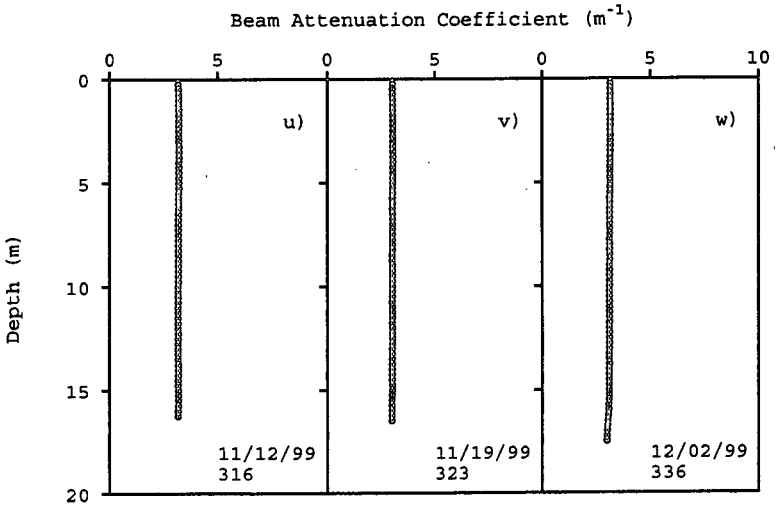
1999 Beam Attenuation Coefficient Profiles for Onondaga Lake: North Deep





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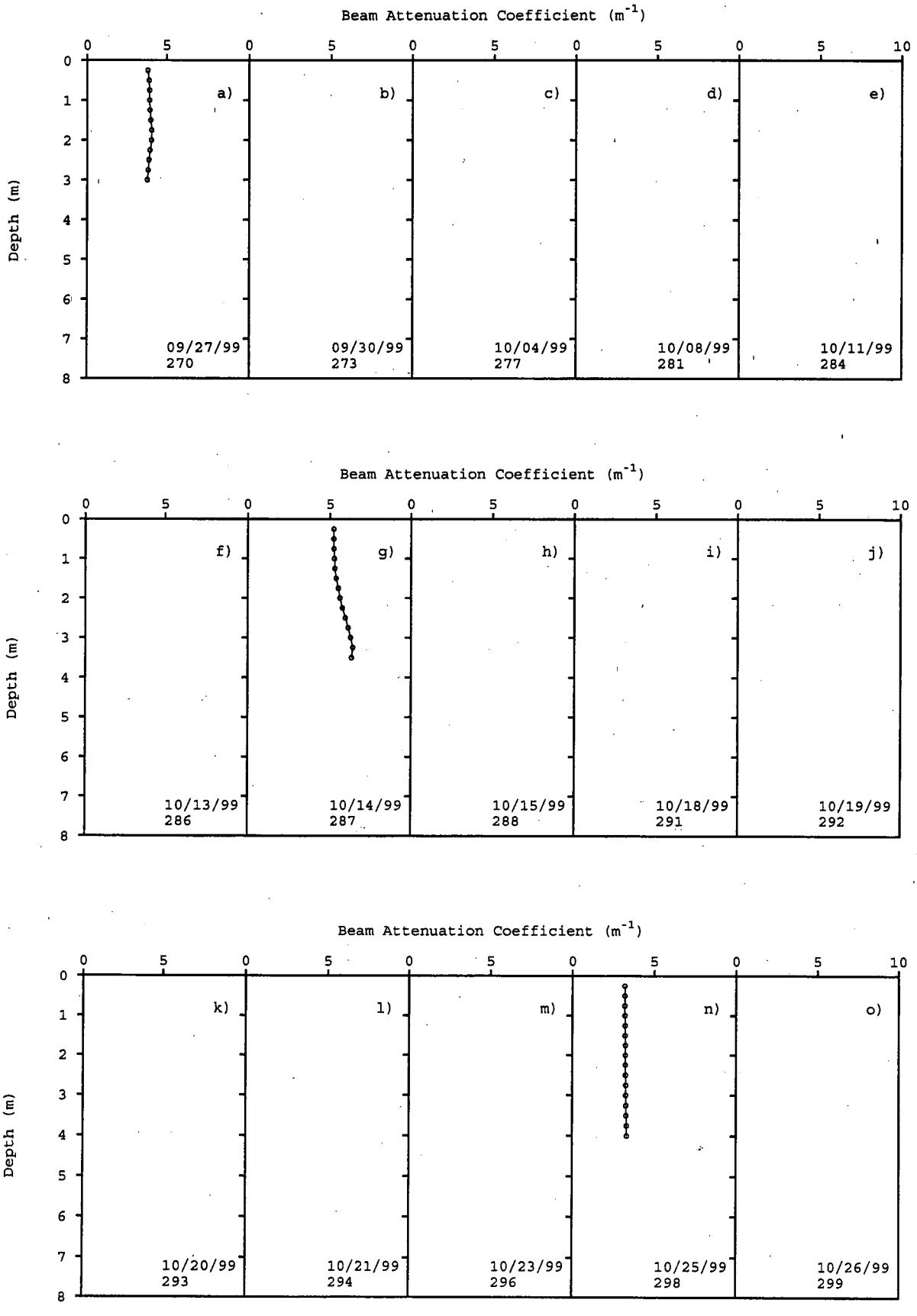
1999 Beam Attenuation Coefficient Profiles for Onondaga Lake: Outlet



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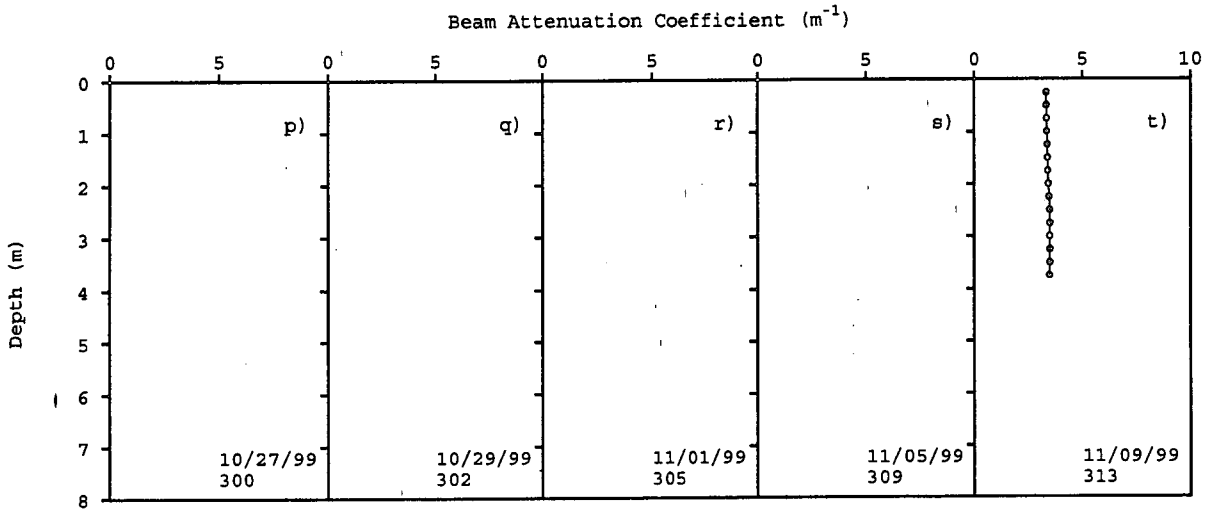

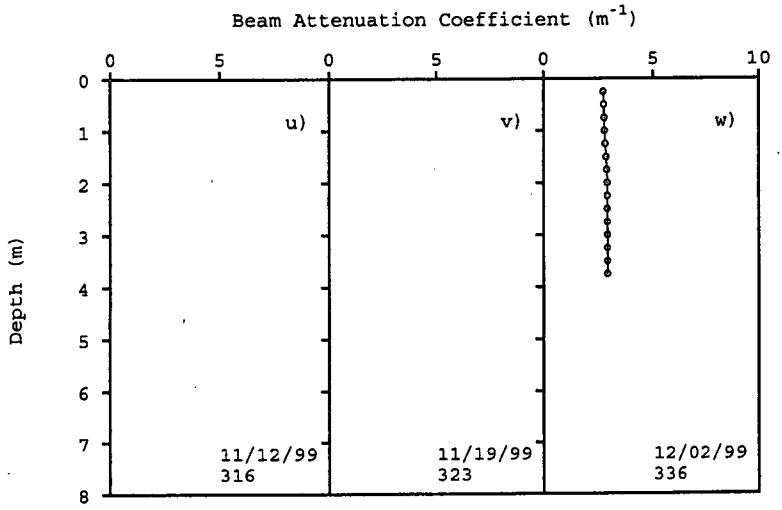

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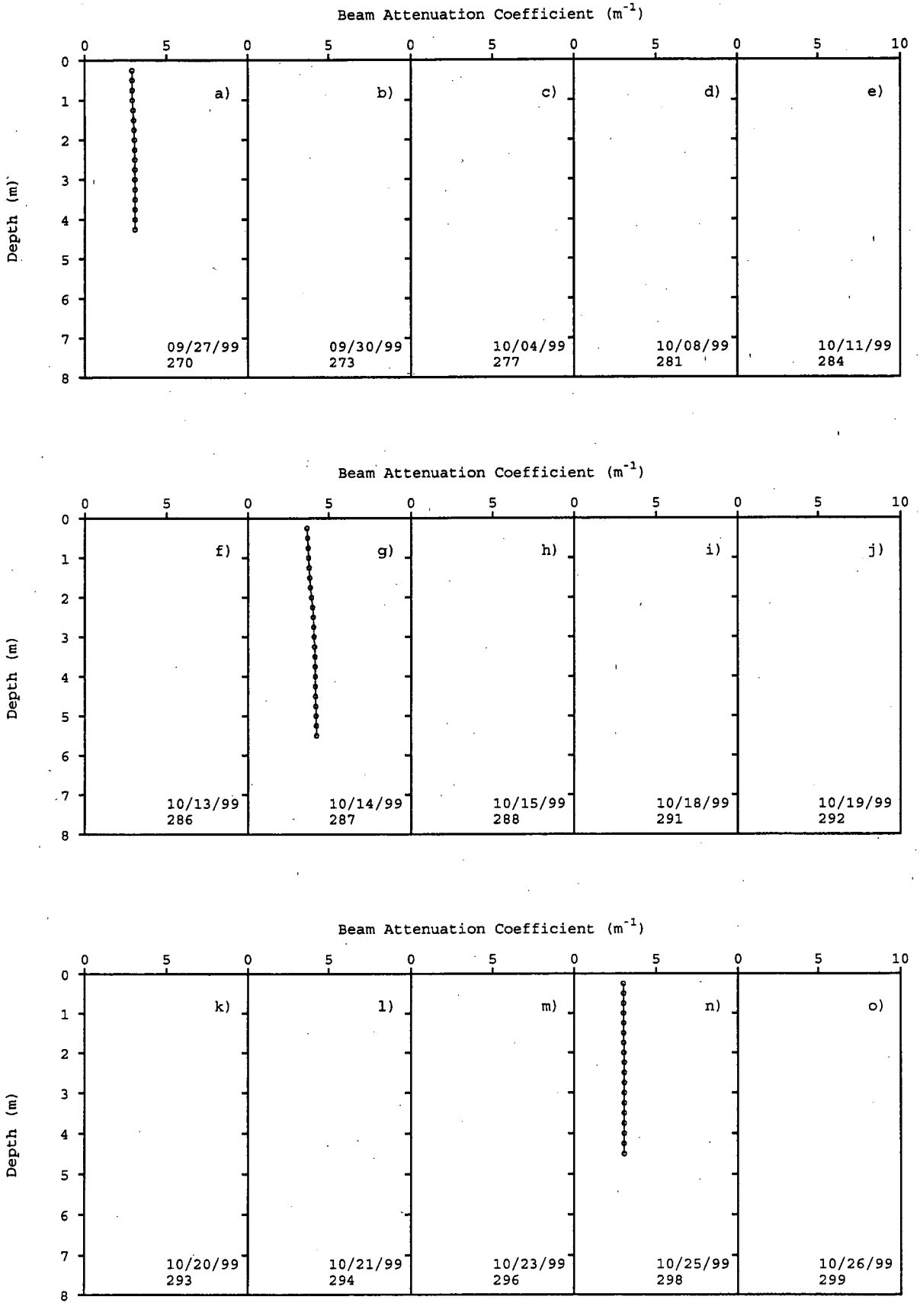
1999 Beam Attenuation Coefficient Profiles for Onondaga Lake: River Upstream



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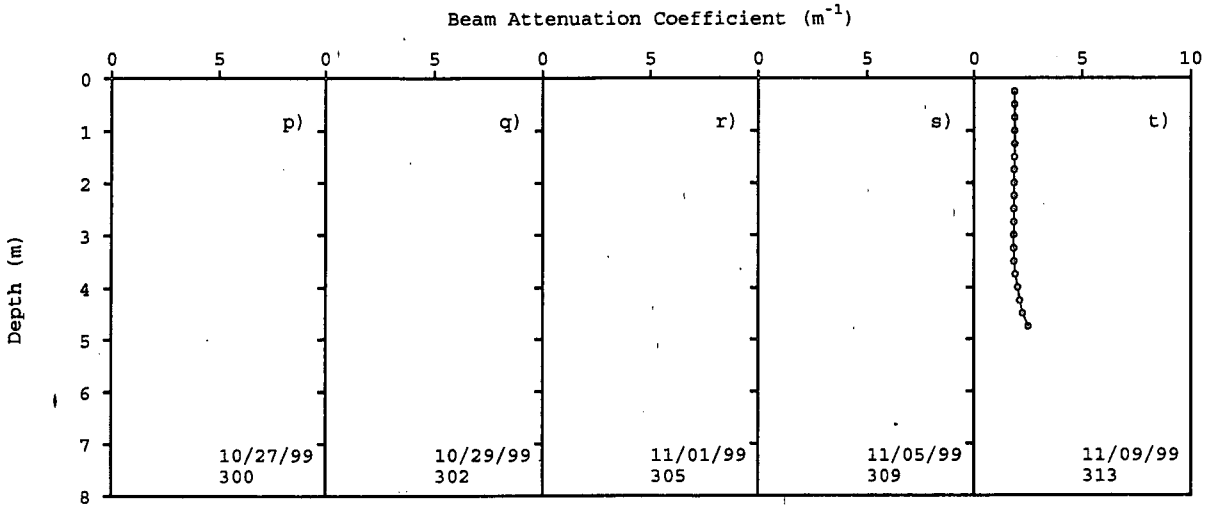
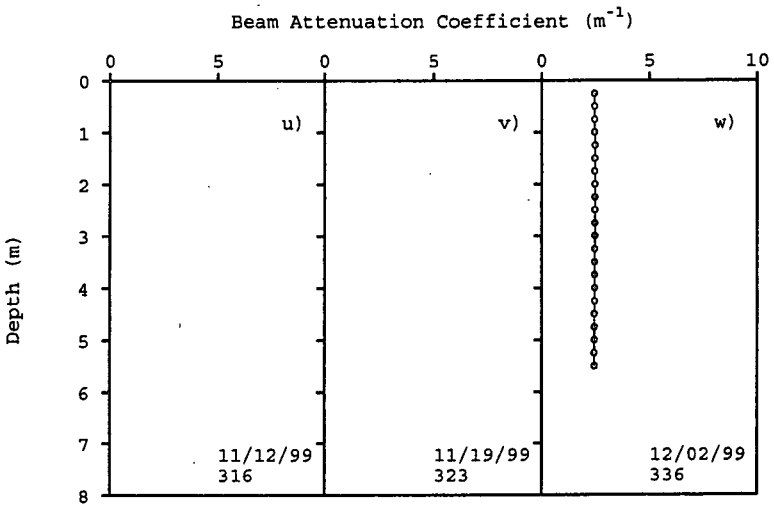
1999 Beam Attenuation Coefficient Profiles for Onondaga Lake: River Upstream





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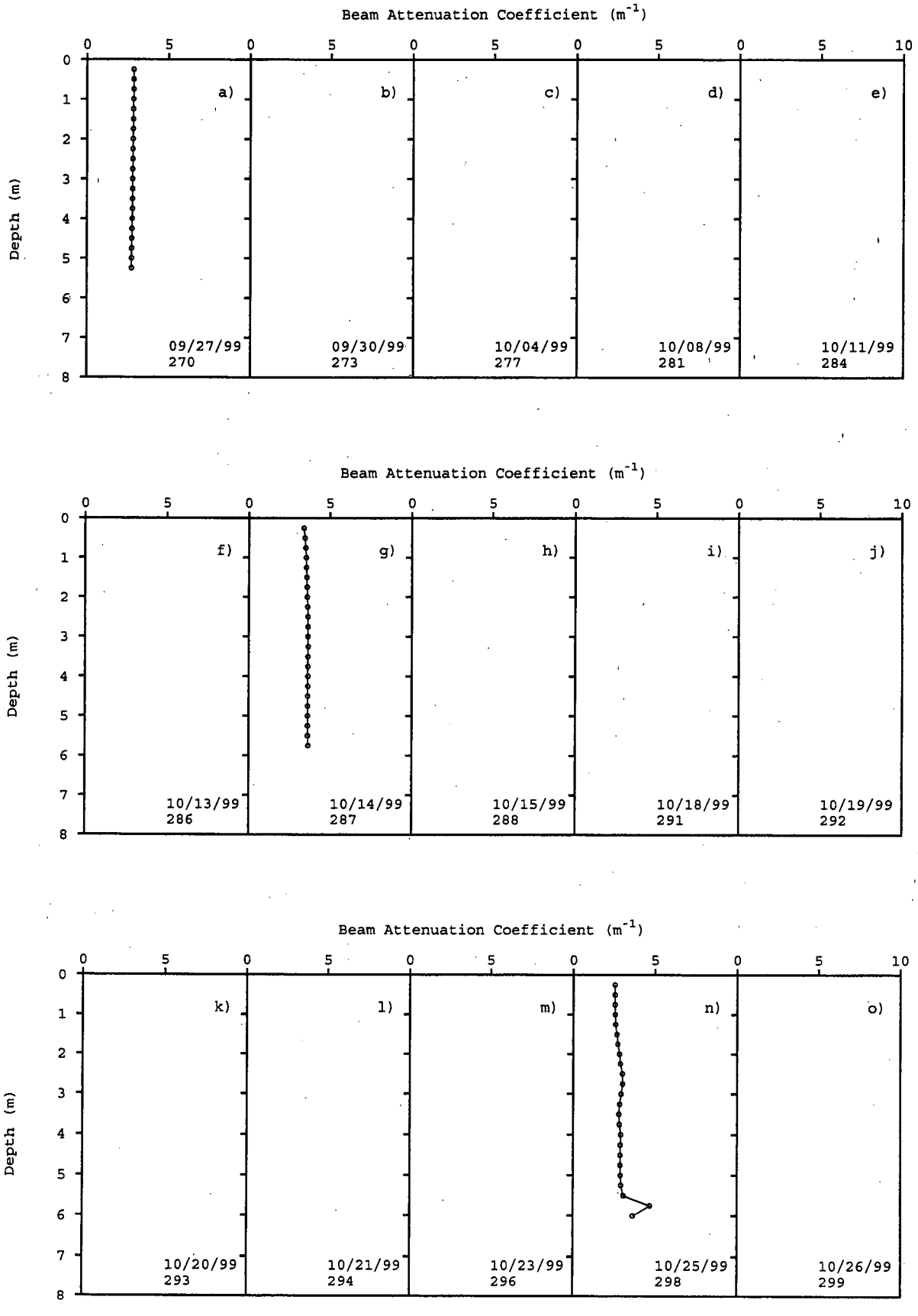
1999 Beam Attenuation Coefficient Profiles for Onondaga Lake: River Downstream



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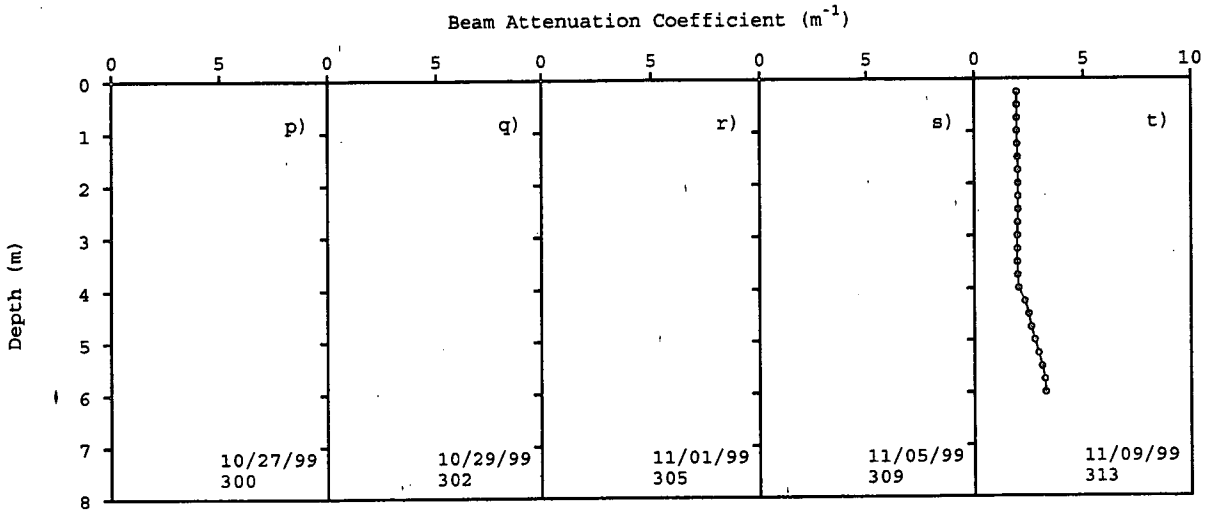
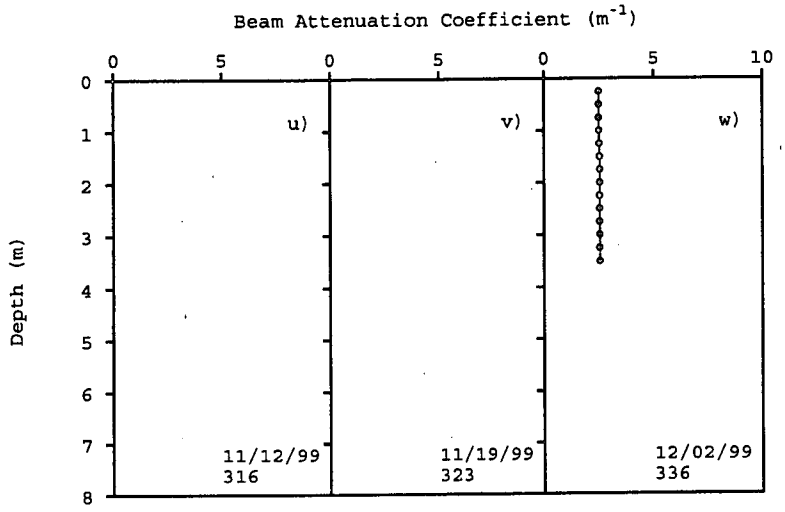
1999 Beam Attenuation Coefficient Profiles for Onondaga Lake: River Downstream





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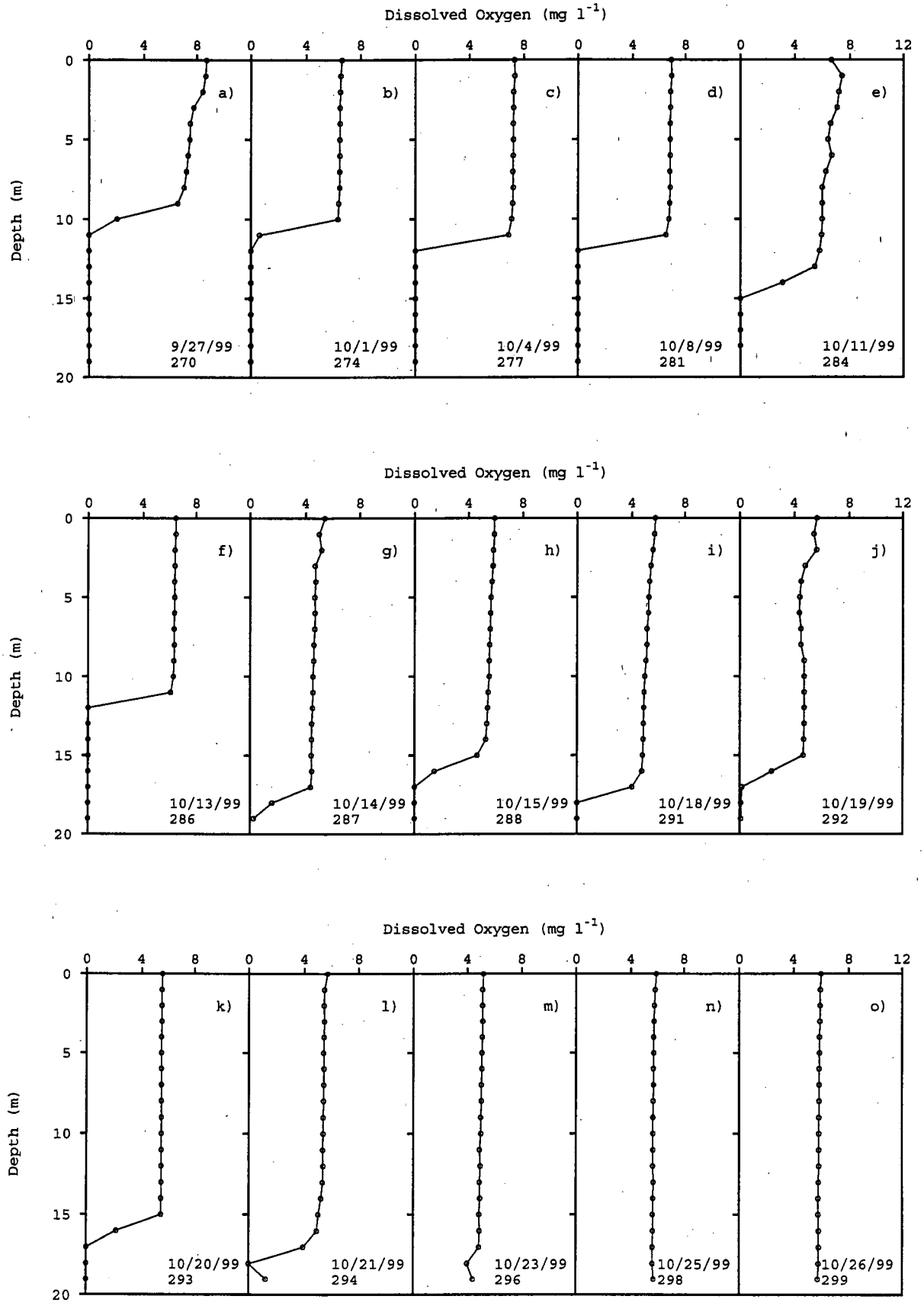
1999 Dissolved Oxygen Profiles for Onondaga Lake: South Deep



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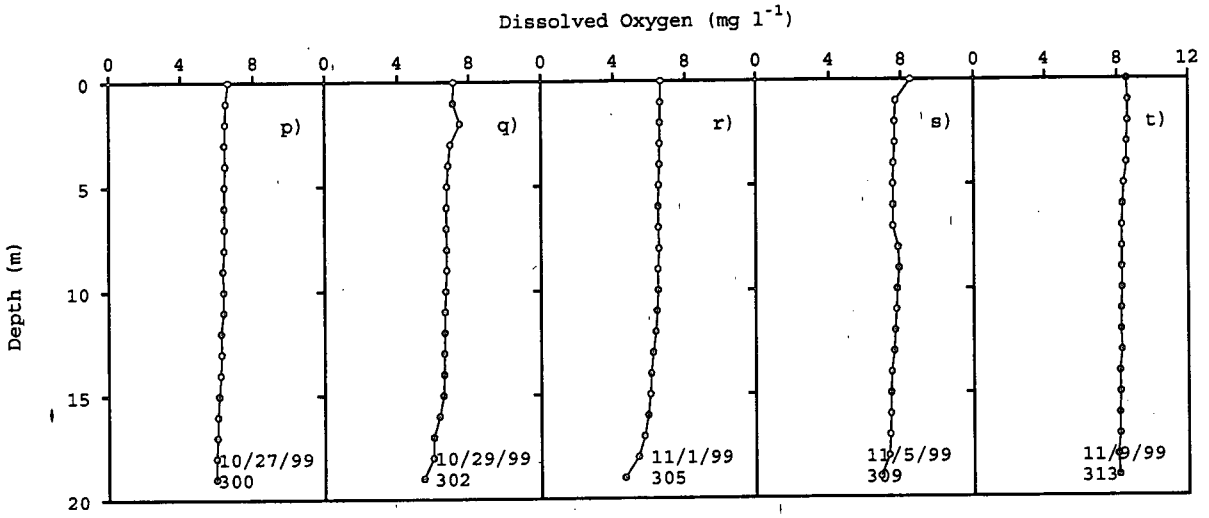

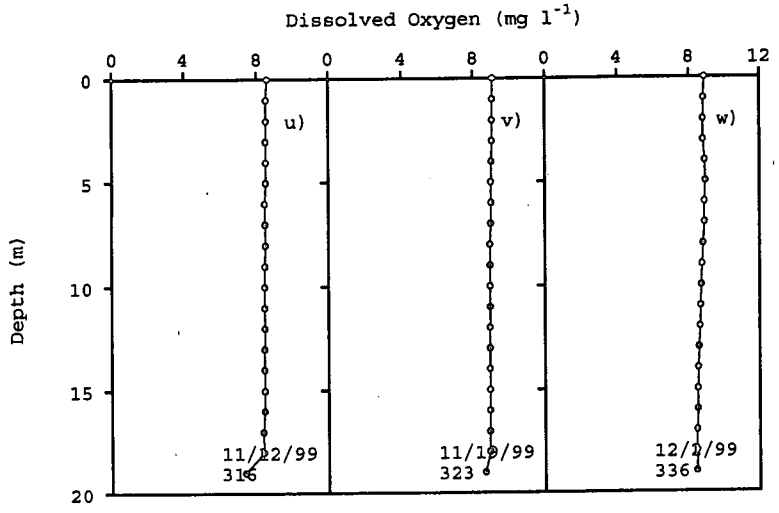

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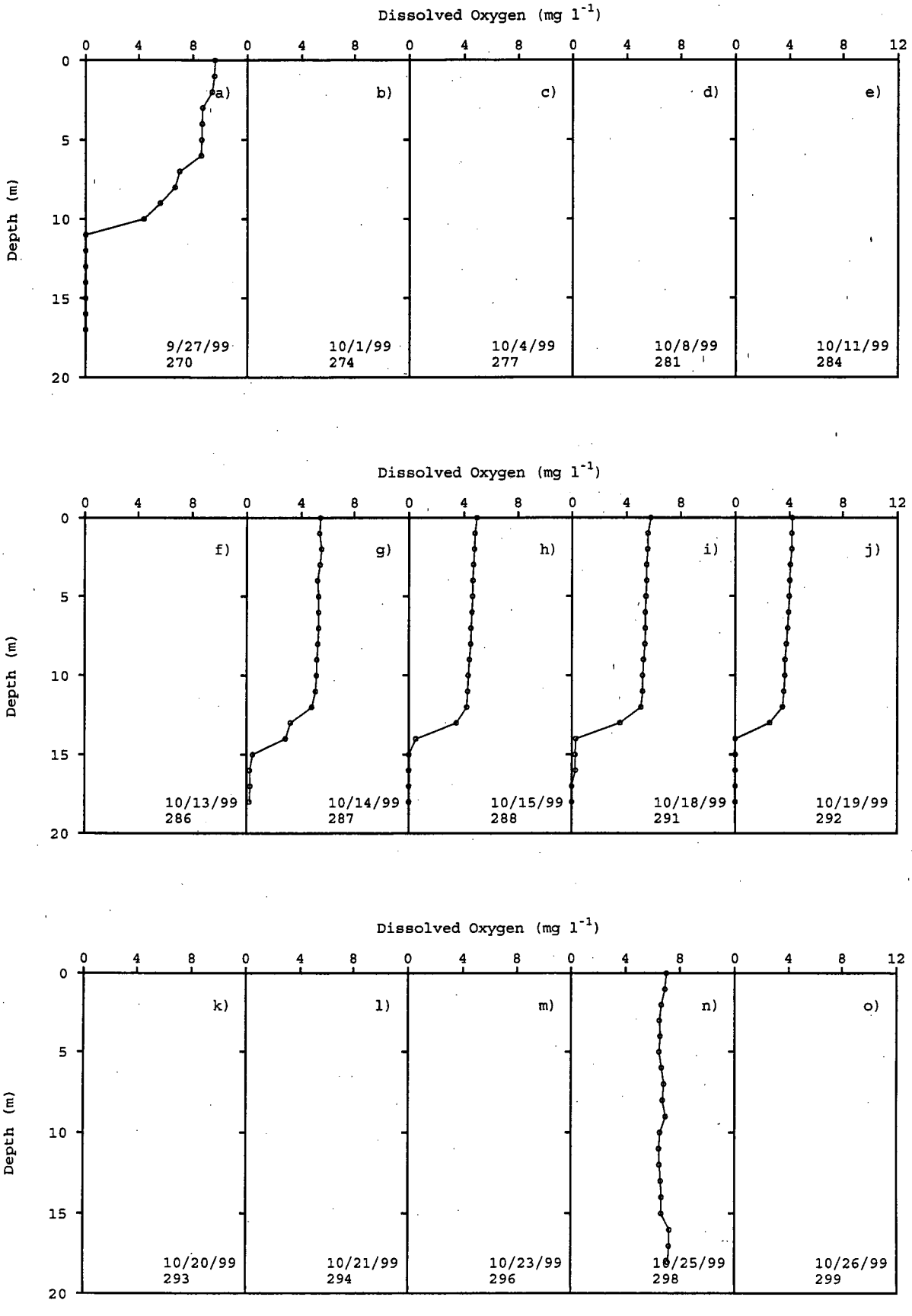
1999 Dissolved Oxygen Profiles for Onondaga Lake: North Deep



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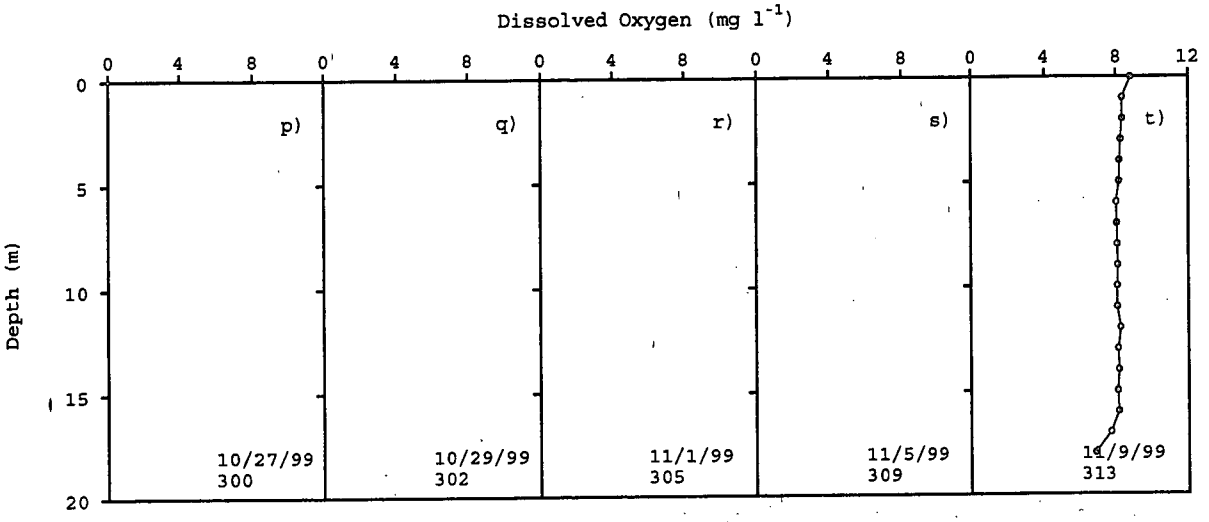
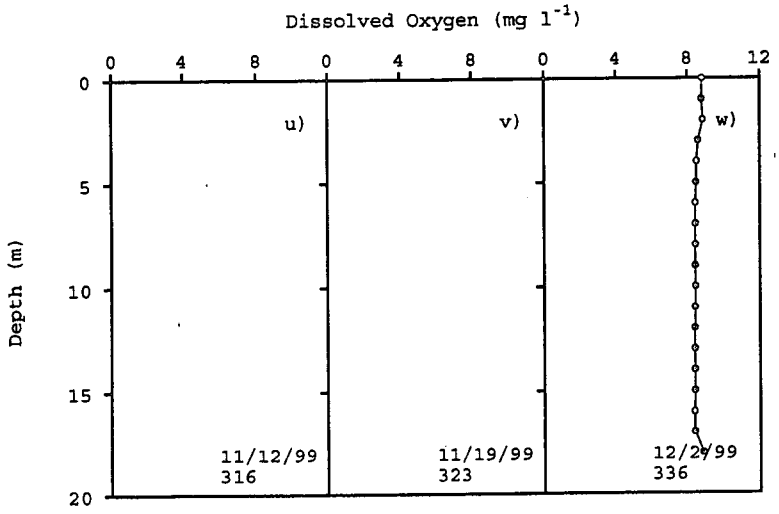
1999 Dissolved Oxygen Profiles for Onondaga Lake: North Deep





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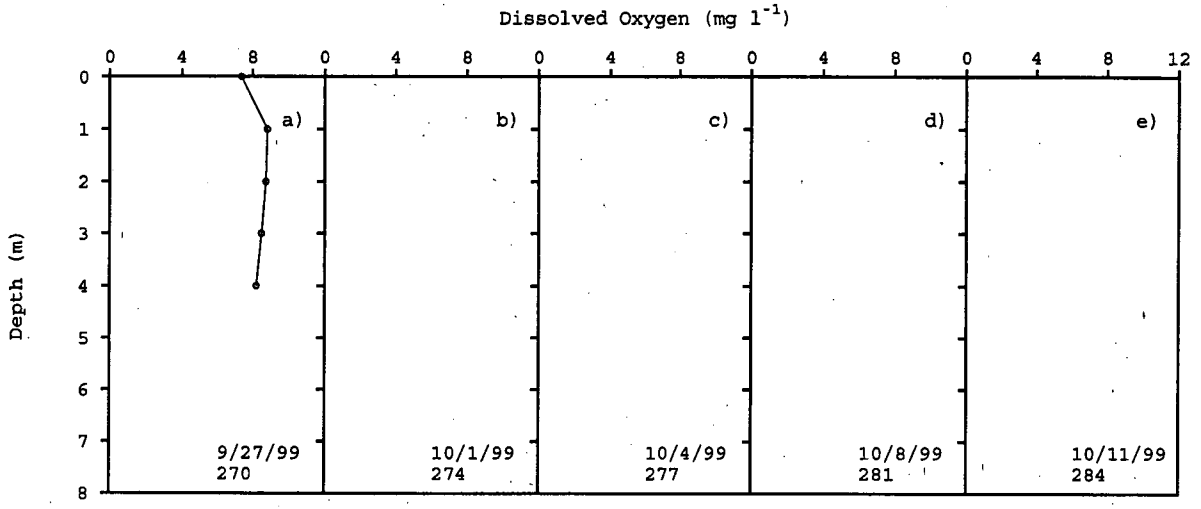
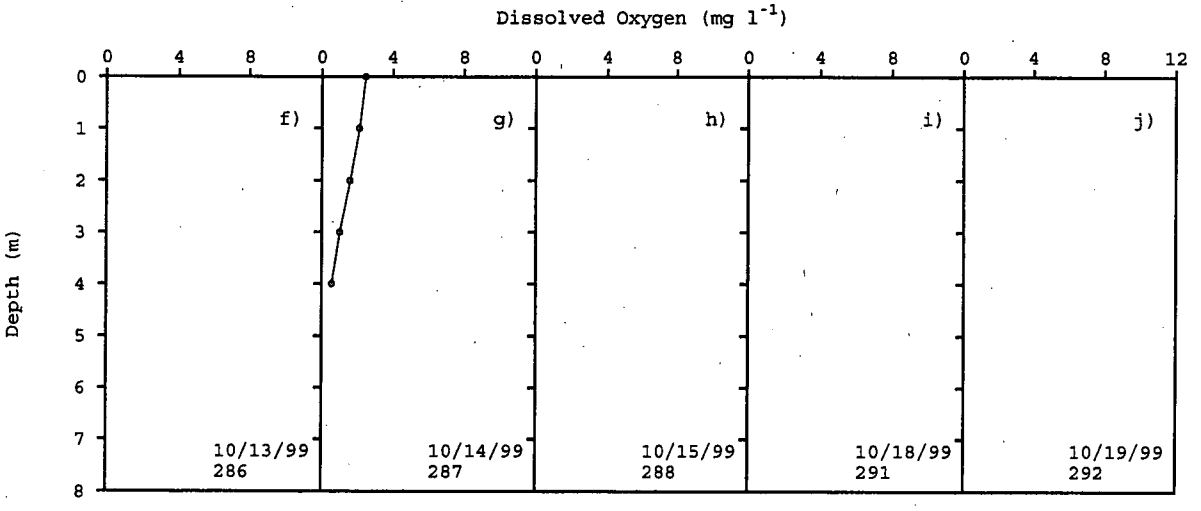
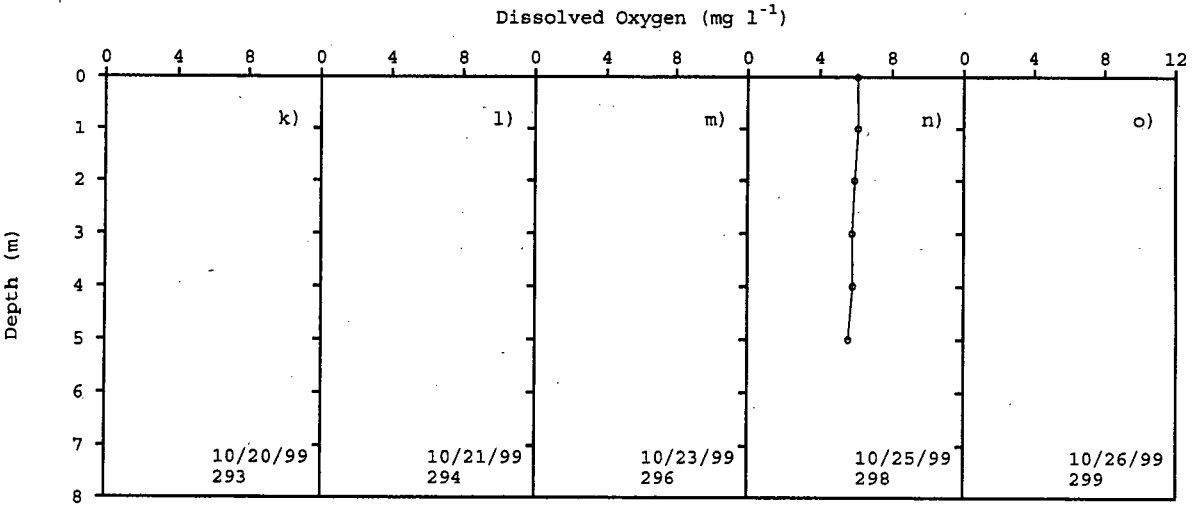
1999 Dissolved Oxygen Profiles for Onondaga Lake: Outlet







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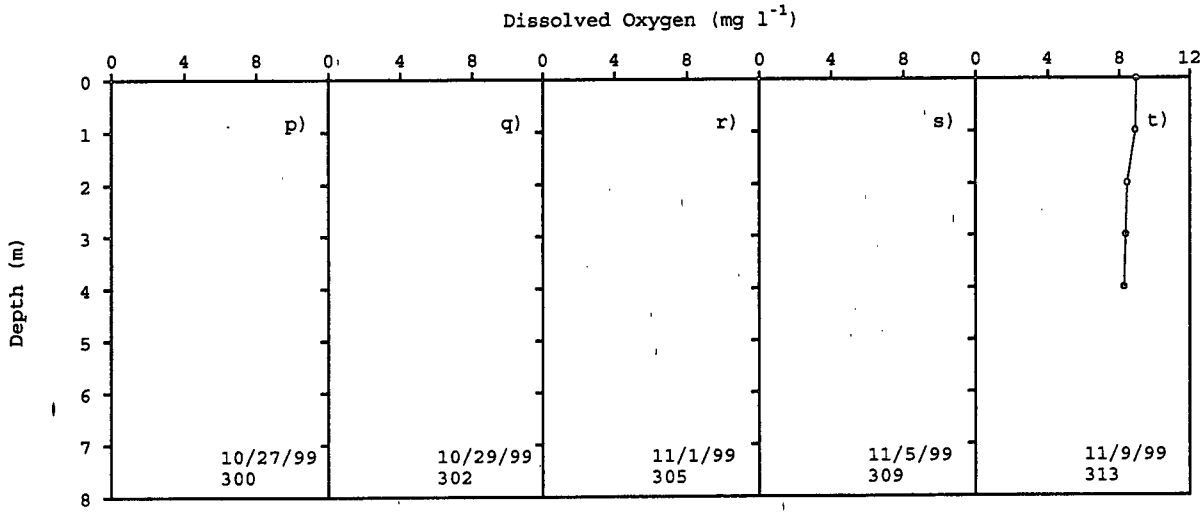
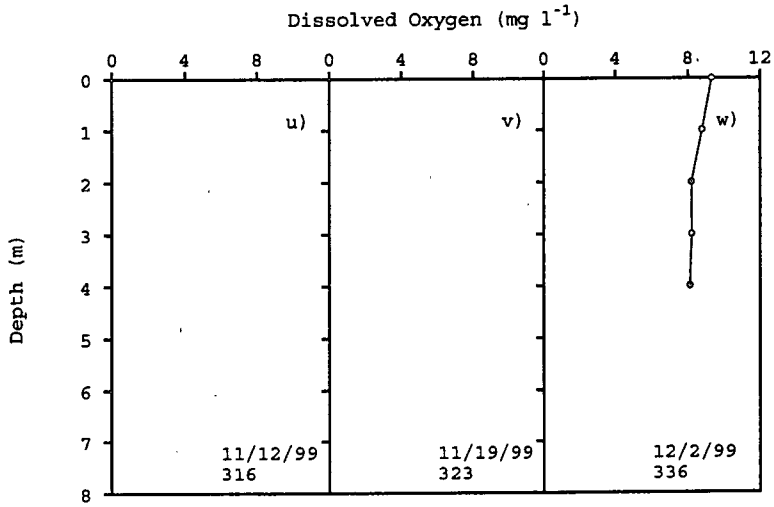
1999 Dissolved Oxygen Profiles for Onondaga Lake: Outlet





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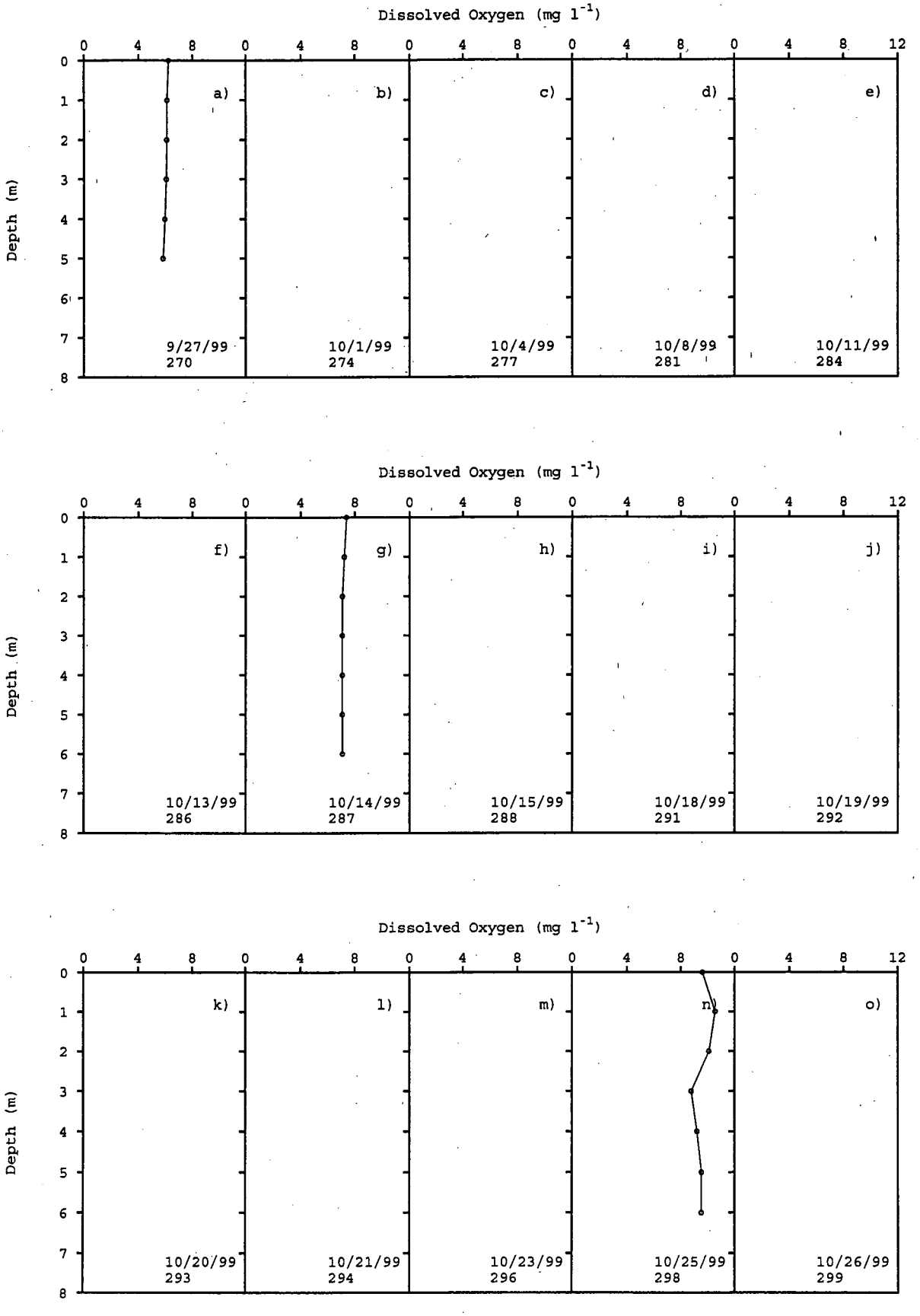
Thu Dec 02 15:14:24 1999

1999 Dissolved Oxygen Profiles for Onondaga Lake: River Upstream



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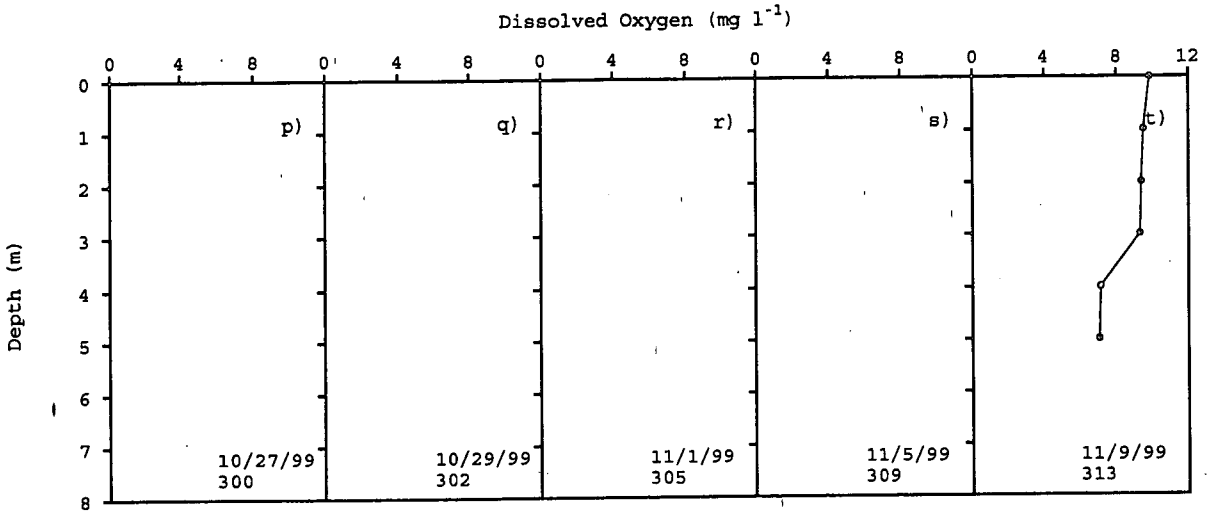
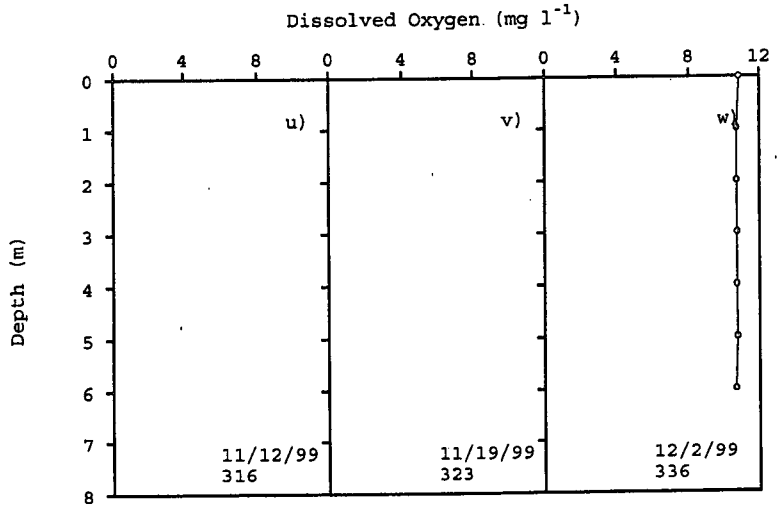
Thu Dec 02 15:13:56 1999

1999 Dissolved Oxygen Profiles for Onondaga Lake: River Upstream





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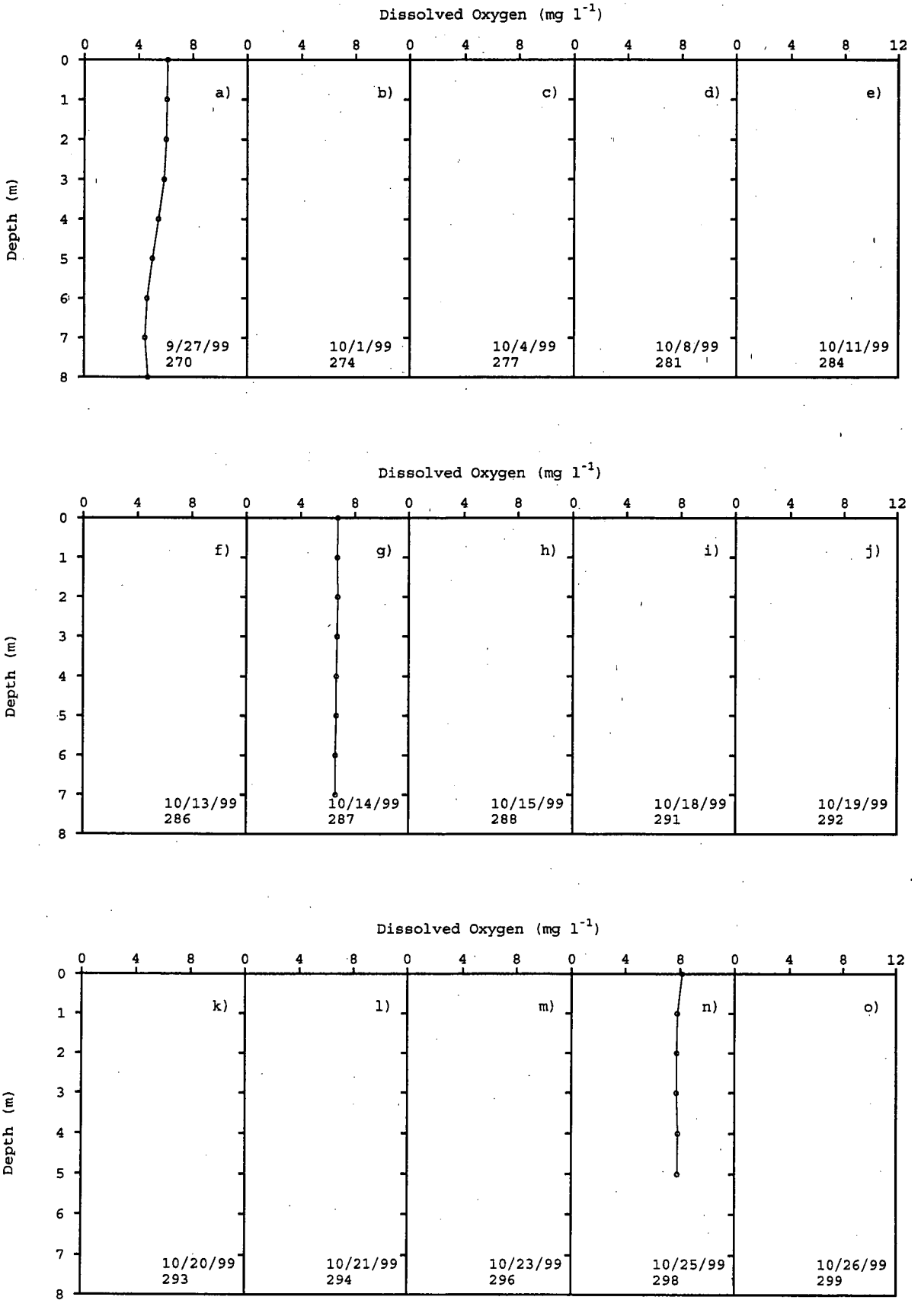
1999 Dissolved Oxygen Profiles for Onondaga Lake: River Downstream



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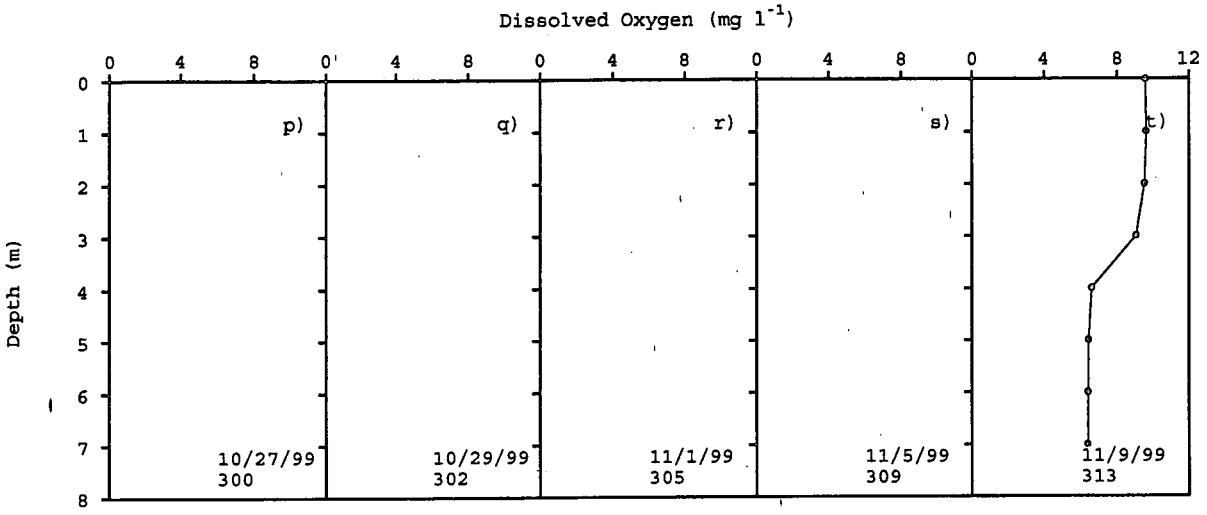
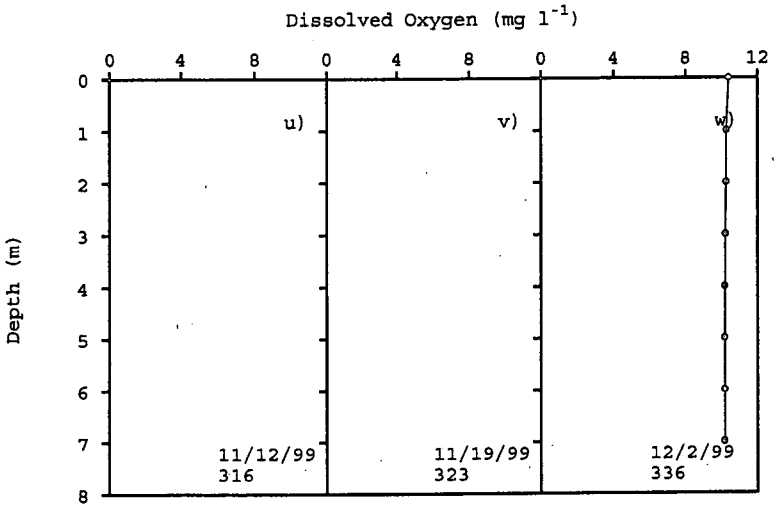
Thu Dec 02 15:14:10 1999

1999 Dissolved Oxygen Profiles for Onondaga Lake: River Downstream





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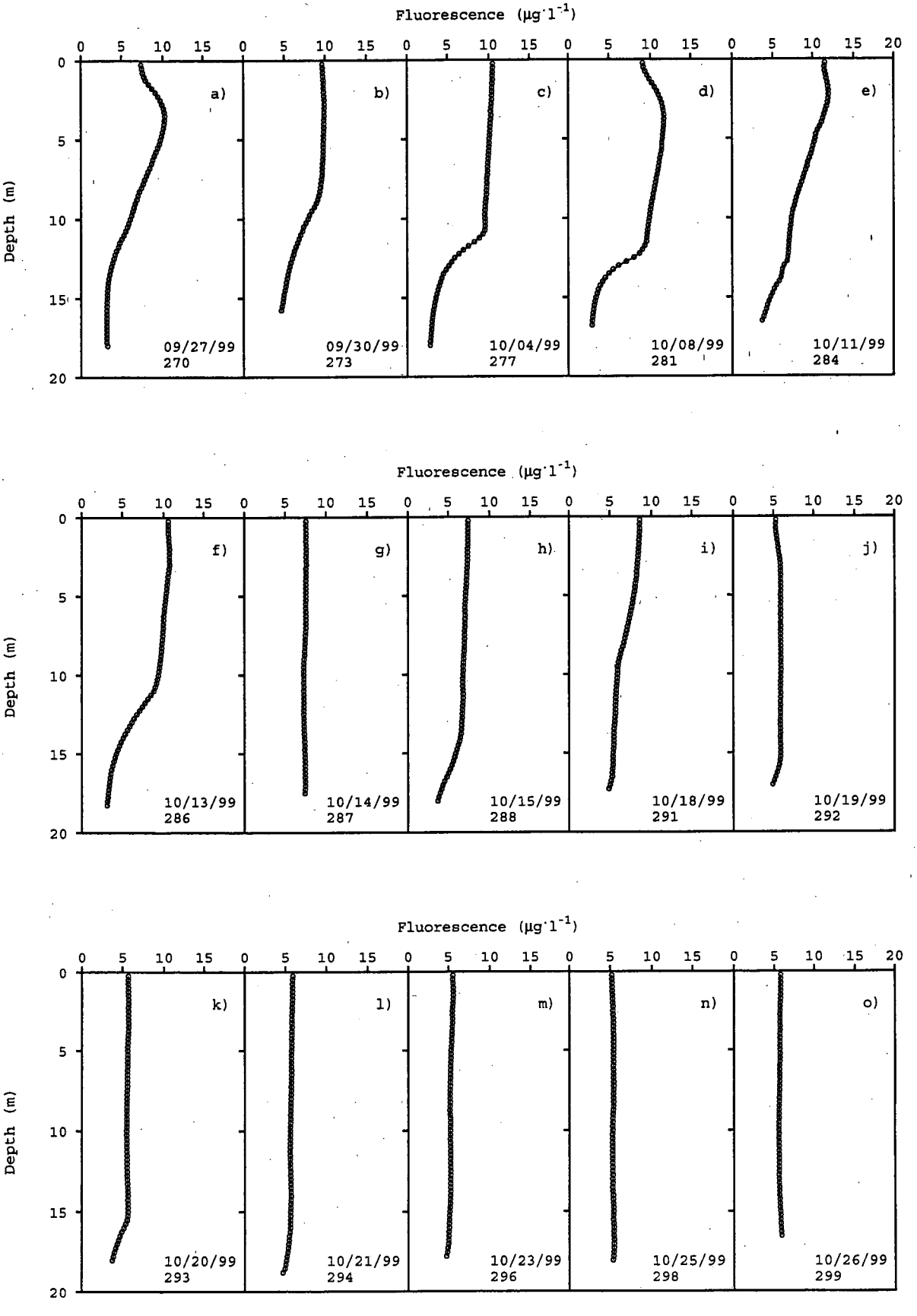
Thu Dec 02 15:14:10 1999

1999 Fluorescence Profiles for Onondaga Lake: South Deep



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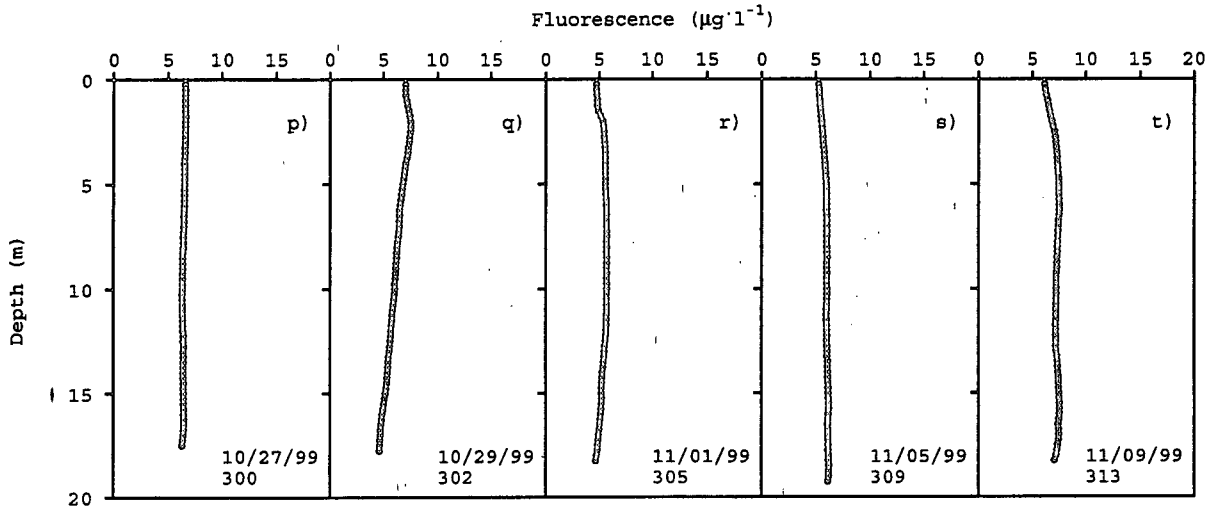
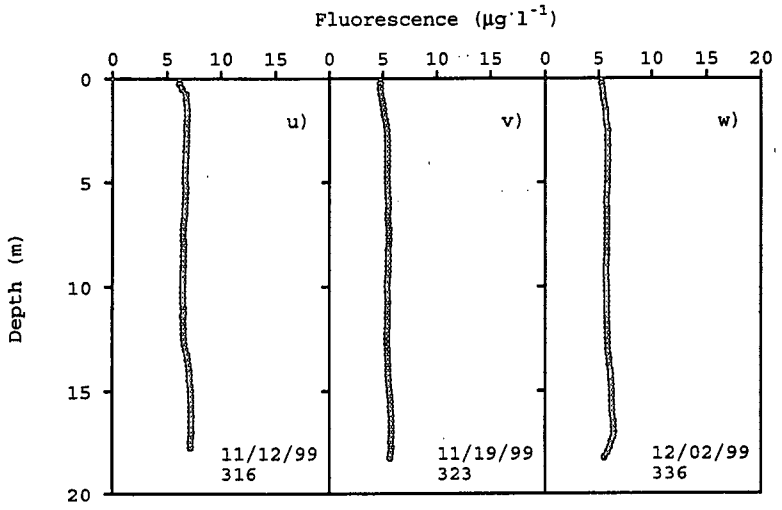
Thu Dec 02 15:00:11 1999

1999 Fluorescence Profiles for Onondaga Lake: South Deep





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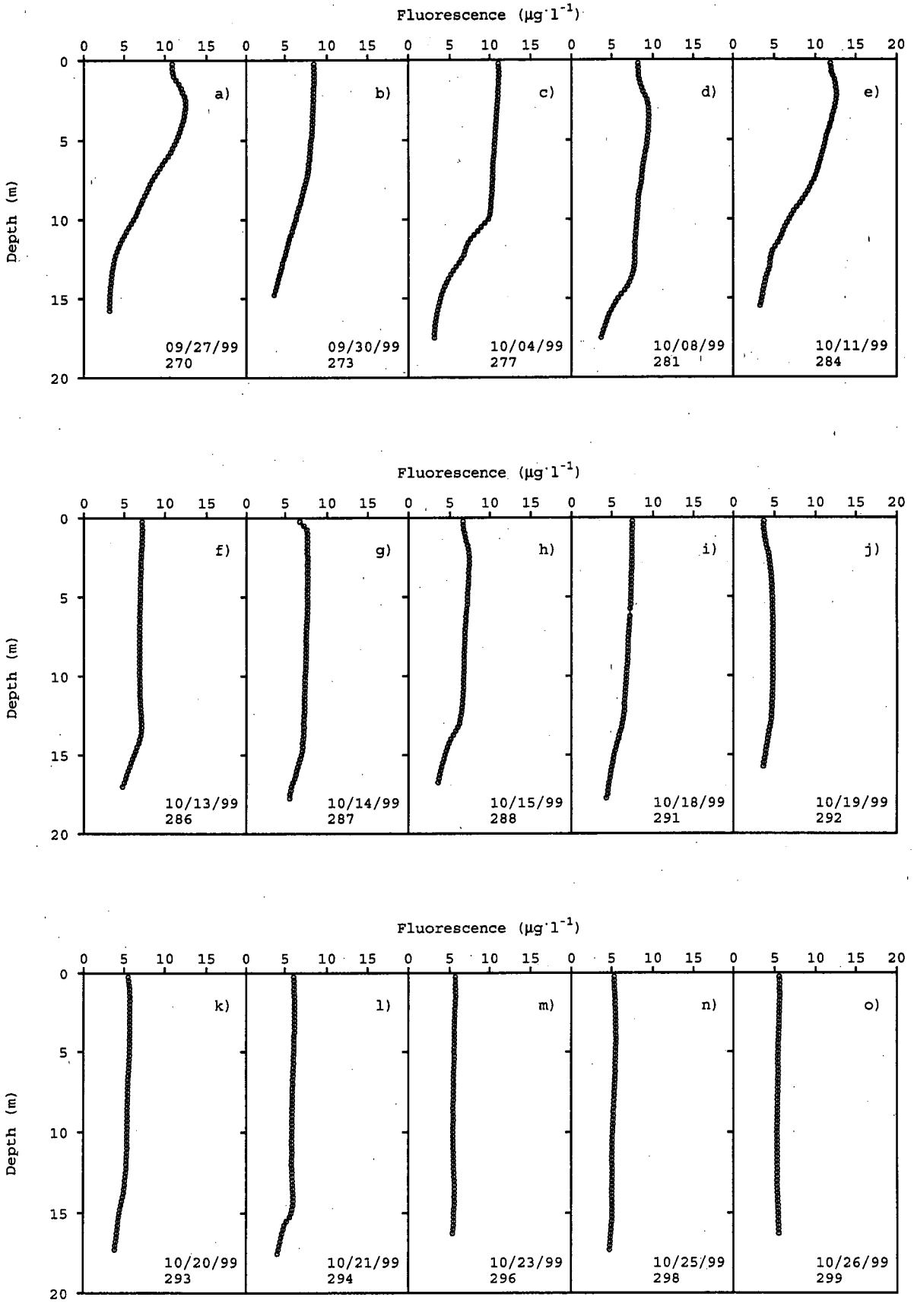
1999 Fluorescence Profiles for Onondaga Lake: North Deep



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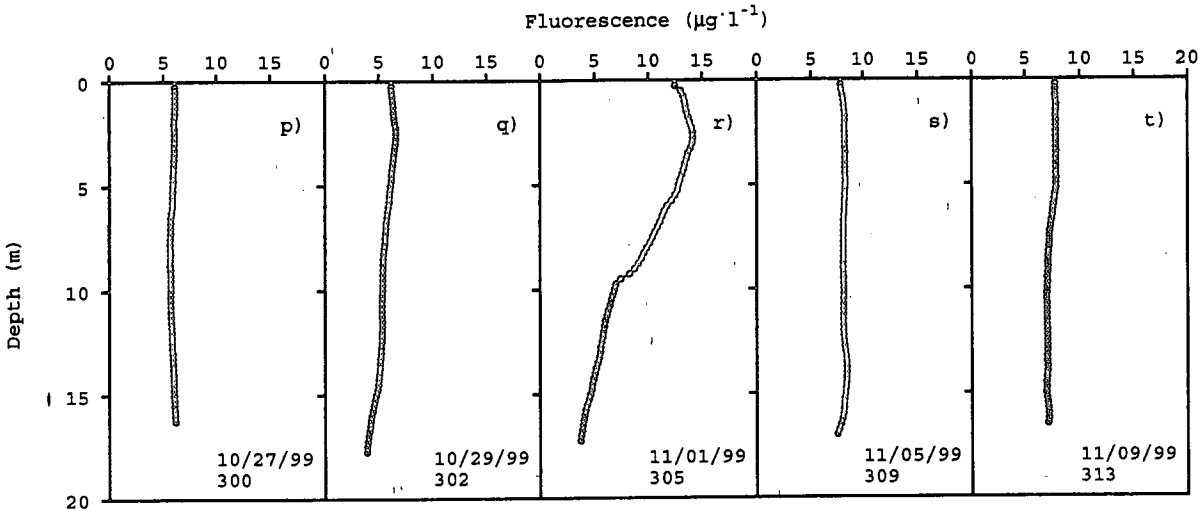
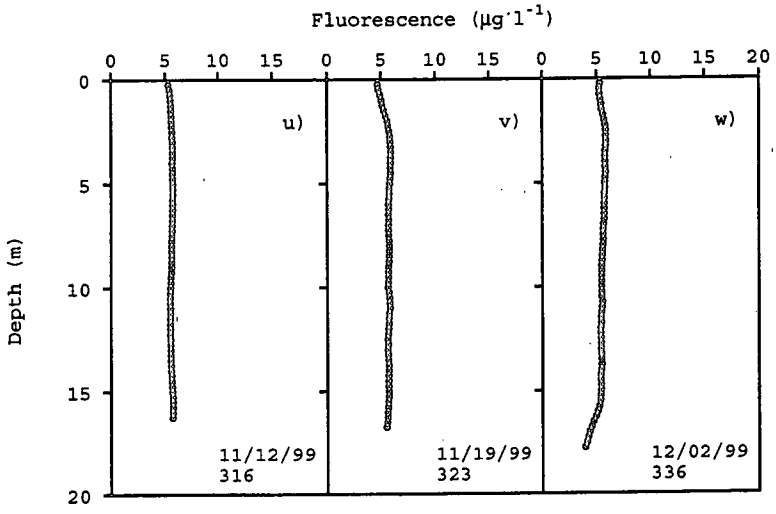
Thu Dec 02 15:00:59 1999

1999 Fluorescence Profiles for Onondaga Lake: North Deep





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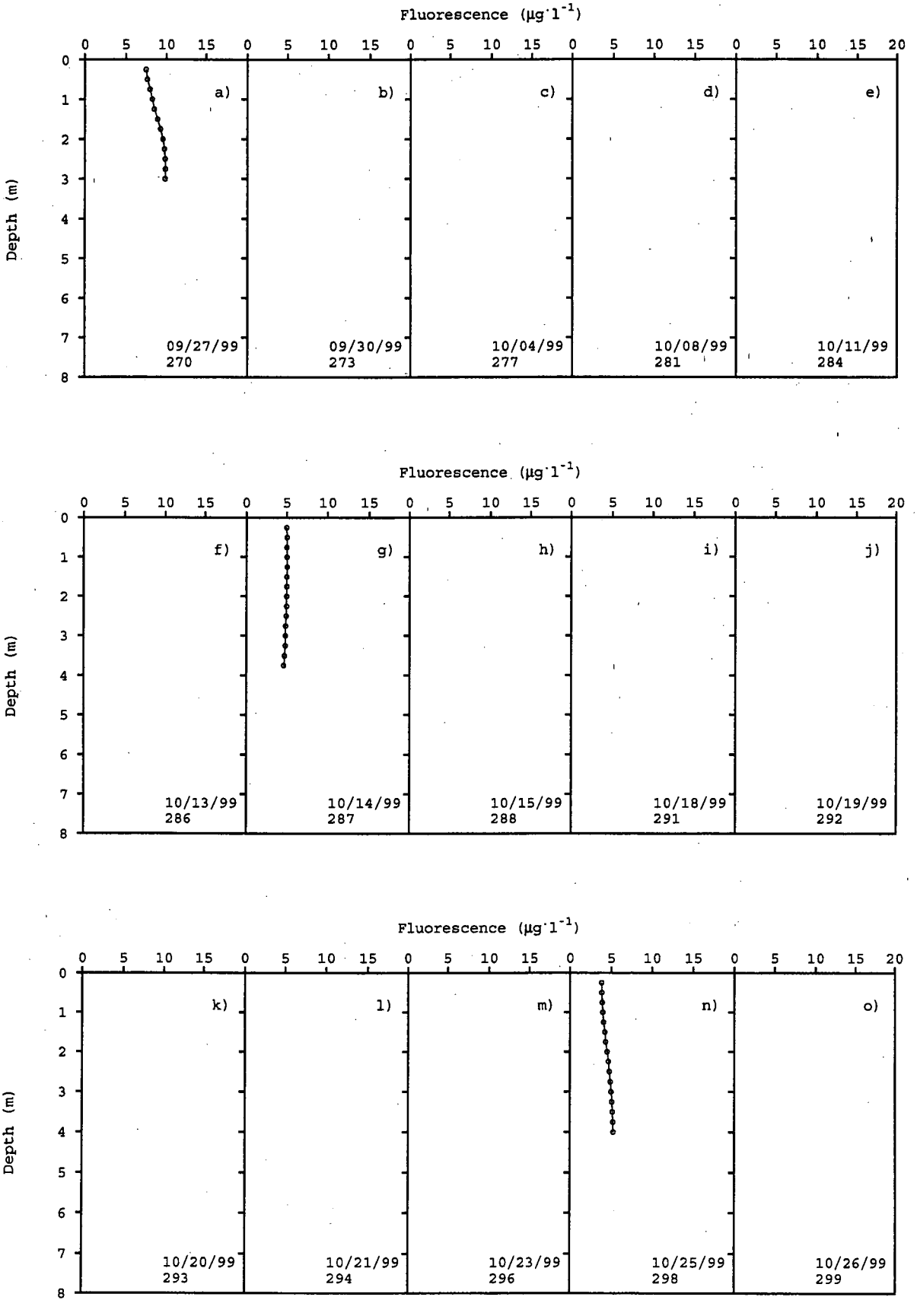
1999 Fluorescence Profiles for Onondaga Lake: Outlet



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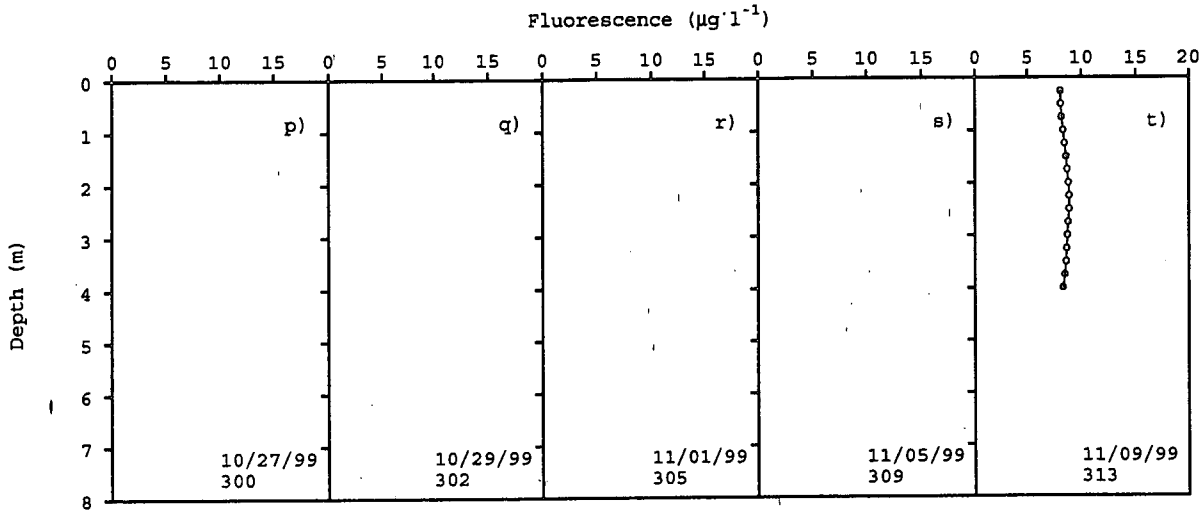
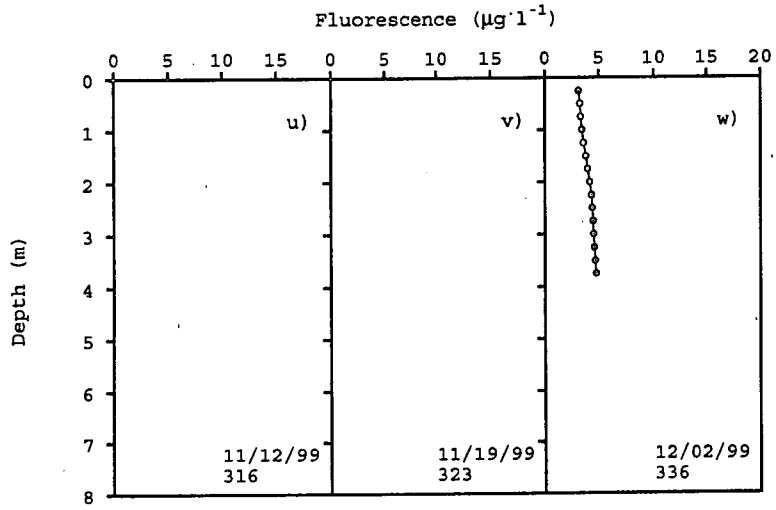
Thu Dec 02 15:03:21 1999

1999 Fluorescence Profiles for Onondaga Lake: Outlet





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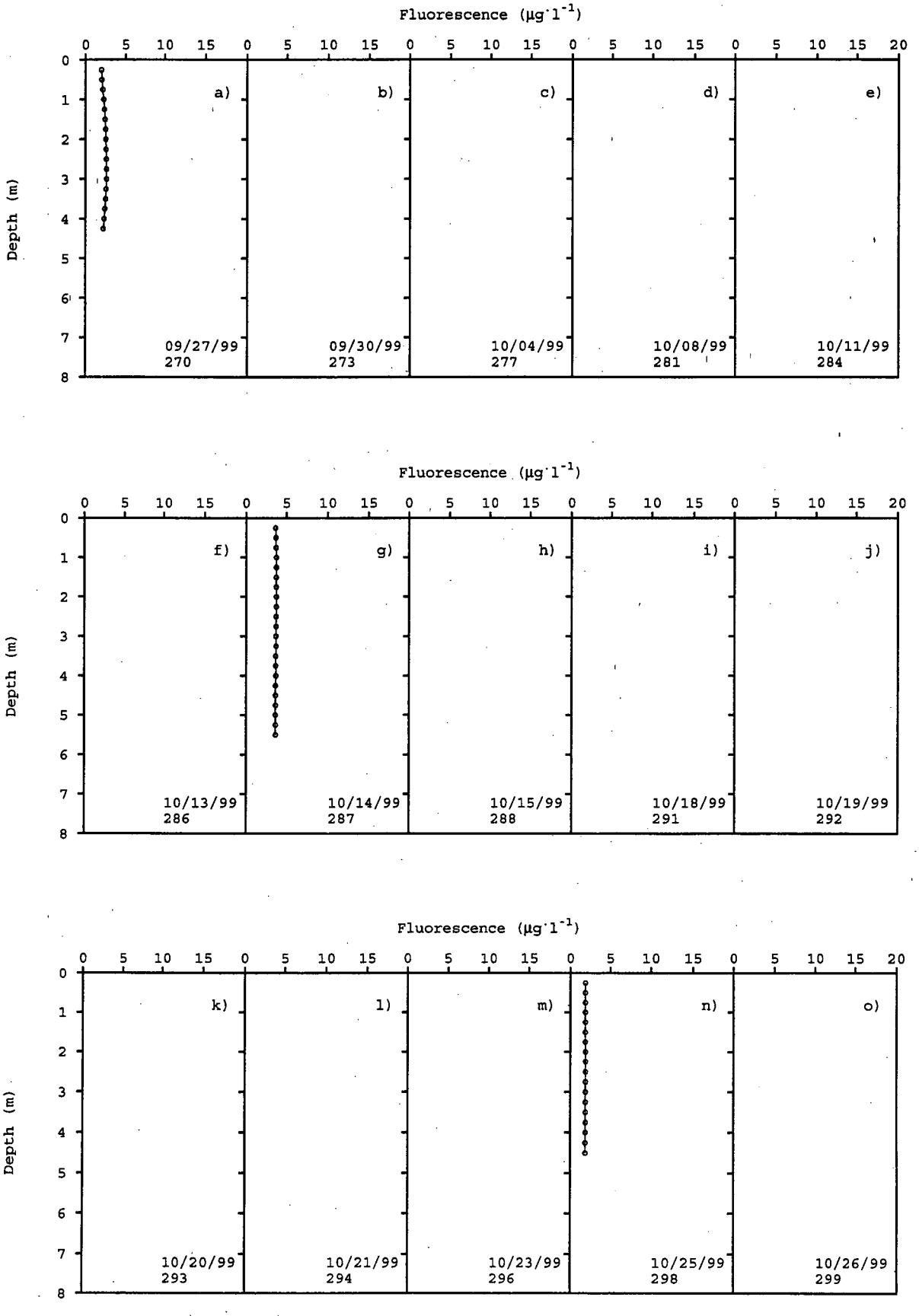
1999 Fluorescence Profiles for Onondaga Lake: River Upstream



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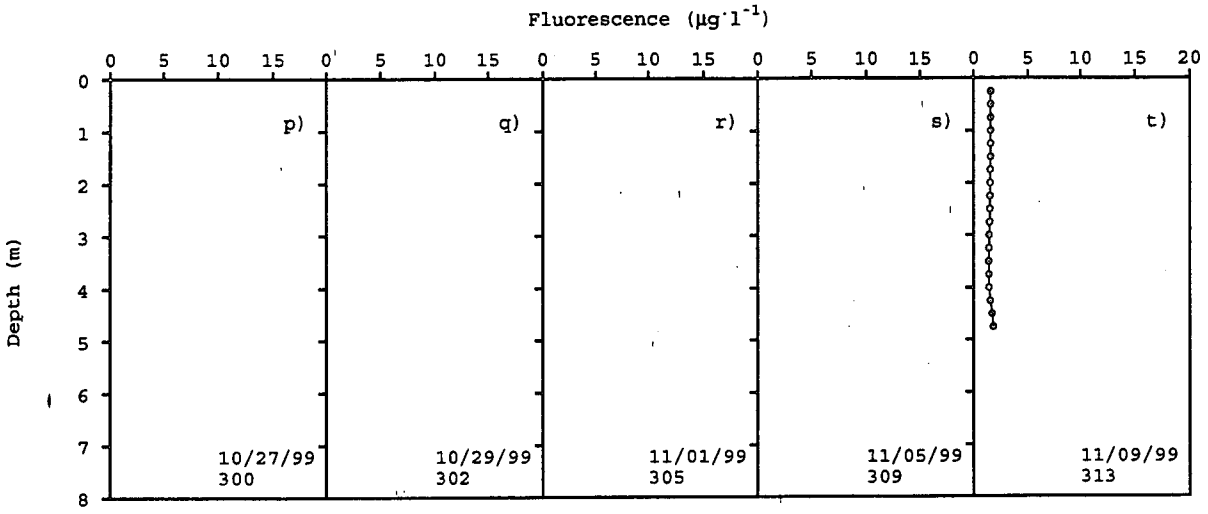
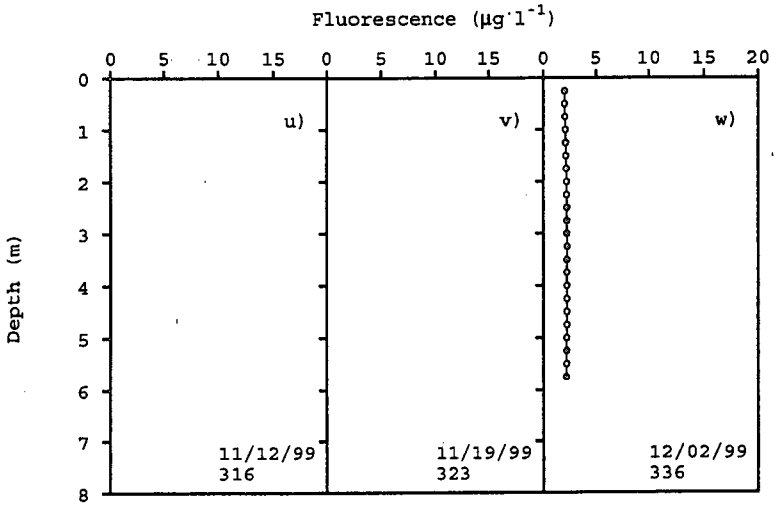
1999 Fluorescence Profiles for Onondaga Lake: River Upstream





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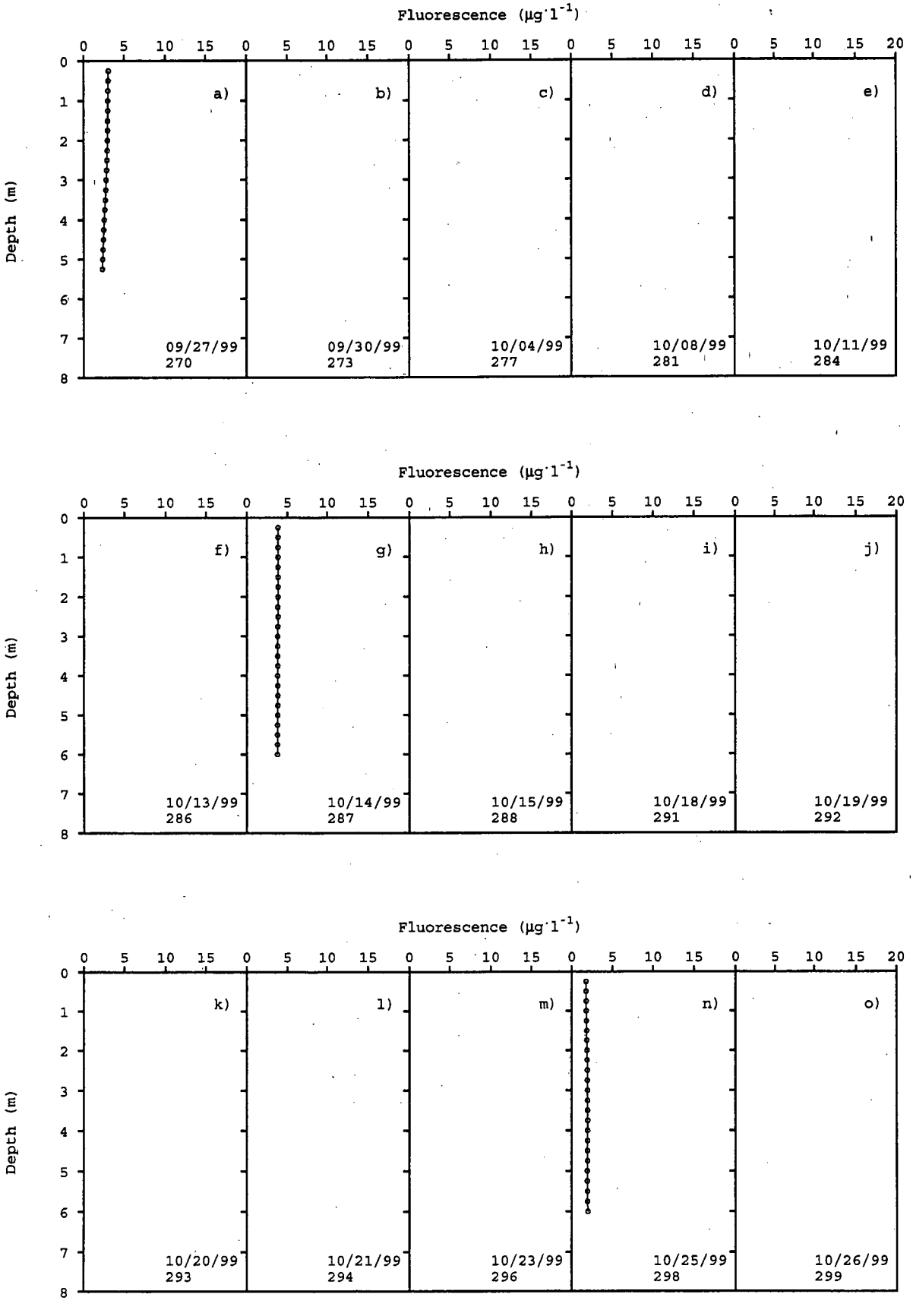
1999 Fluorescence Profiles for Onondaga Lake: River Downstream



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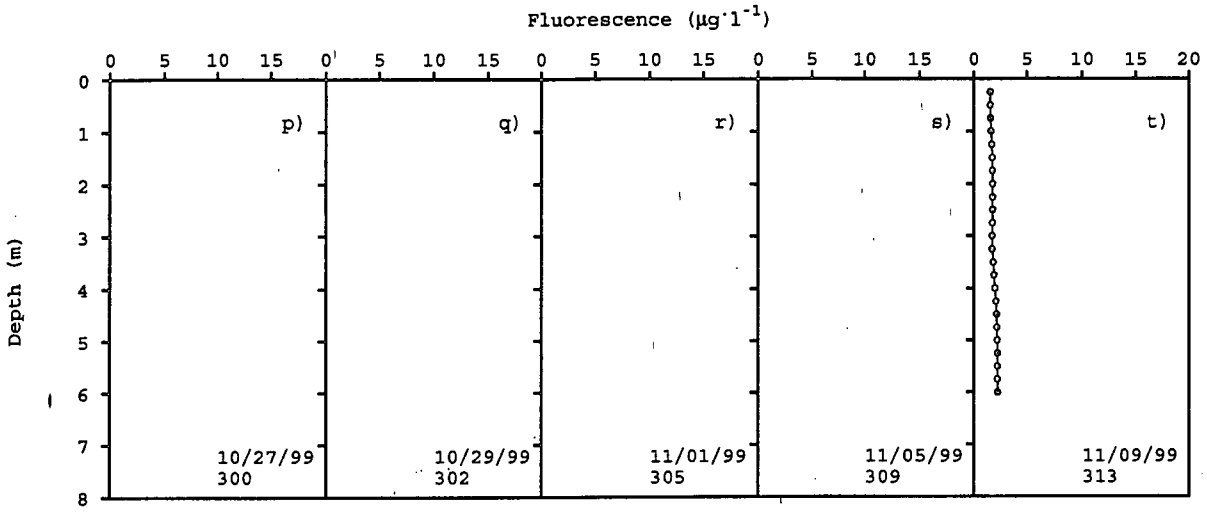
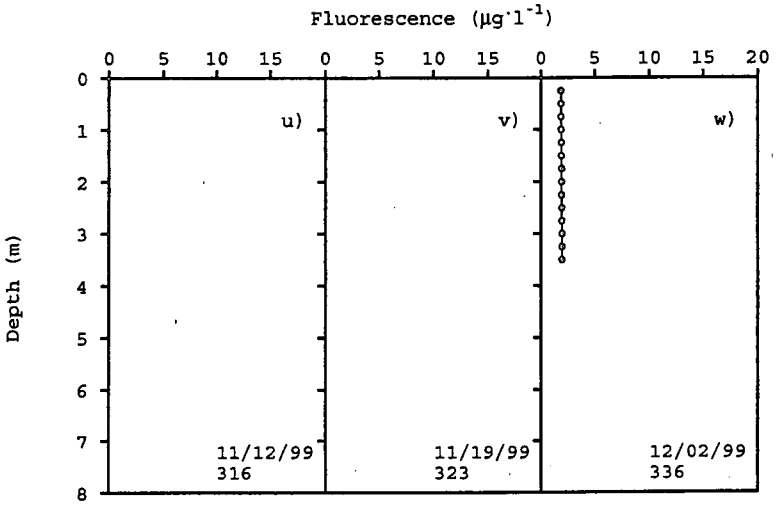
1999 Fluorescence Profiles for Onondaga Lake: River Downstream





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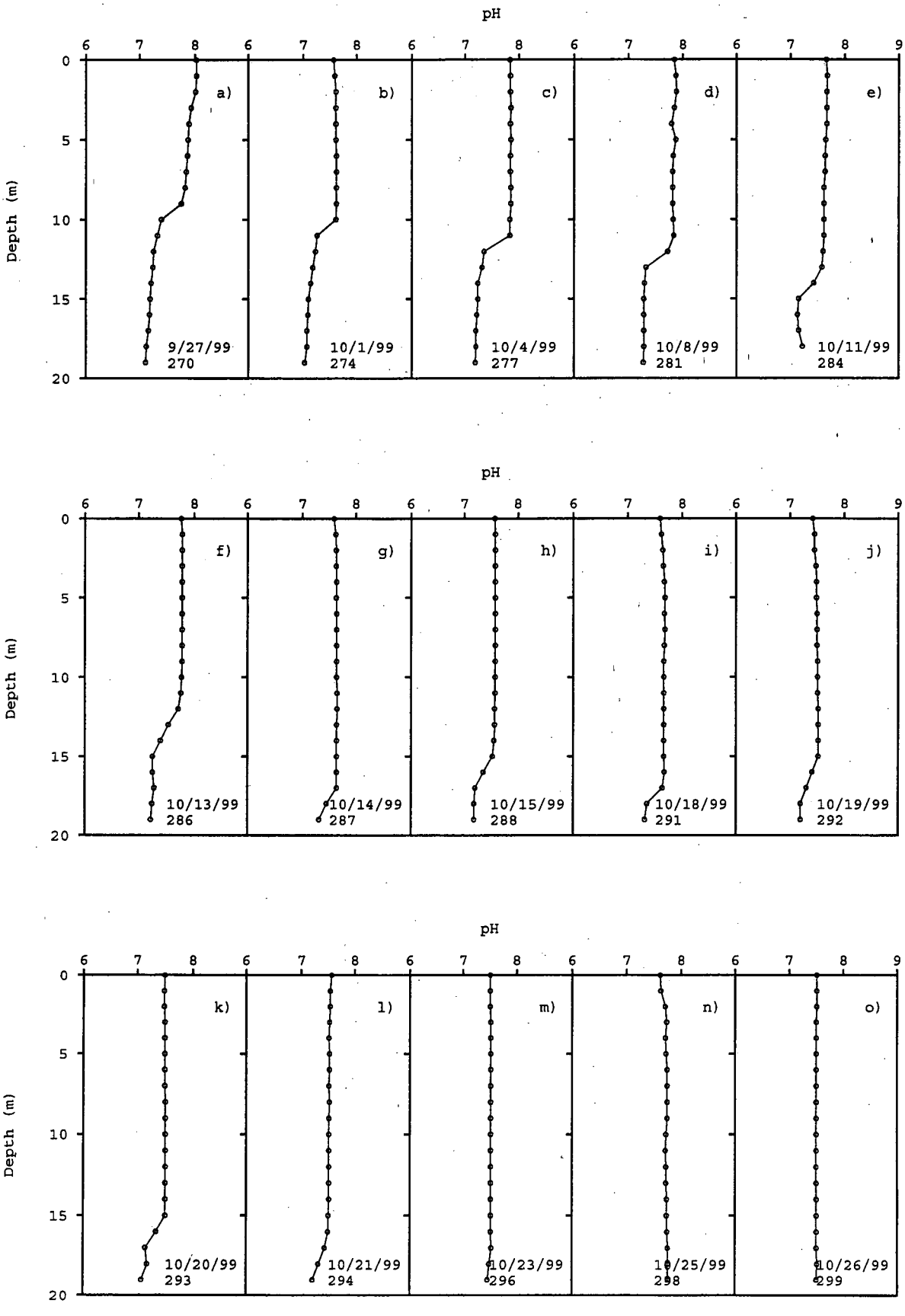
1999 pH Profiles for Onondaga Lake: South Deep



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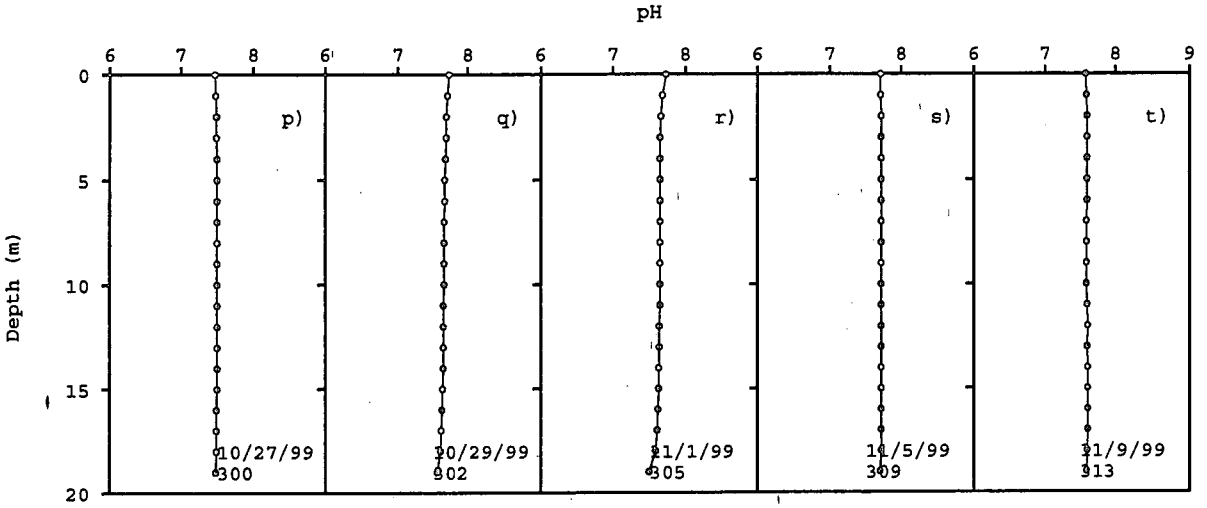
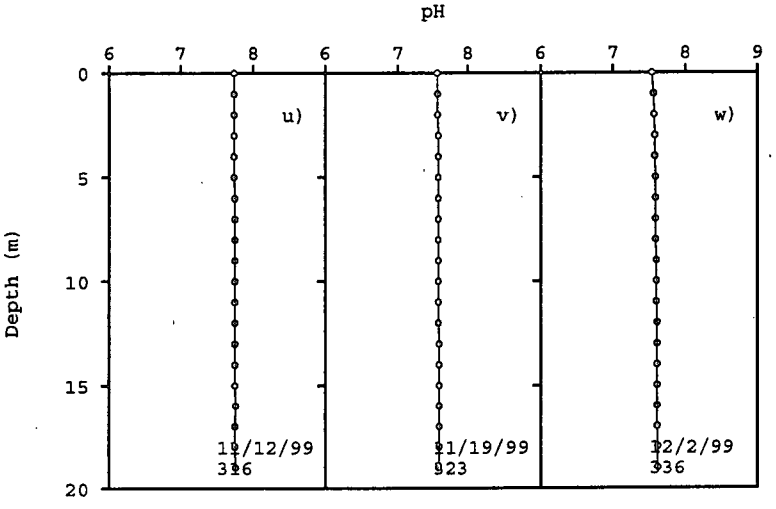
1999 pH Profiles for Onondaga Lake: South Deep





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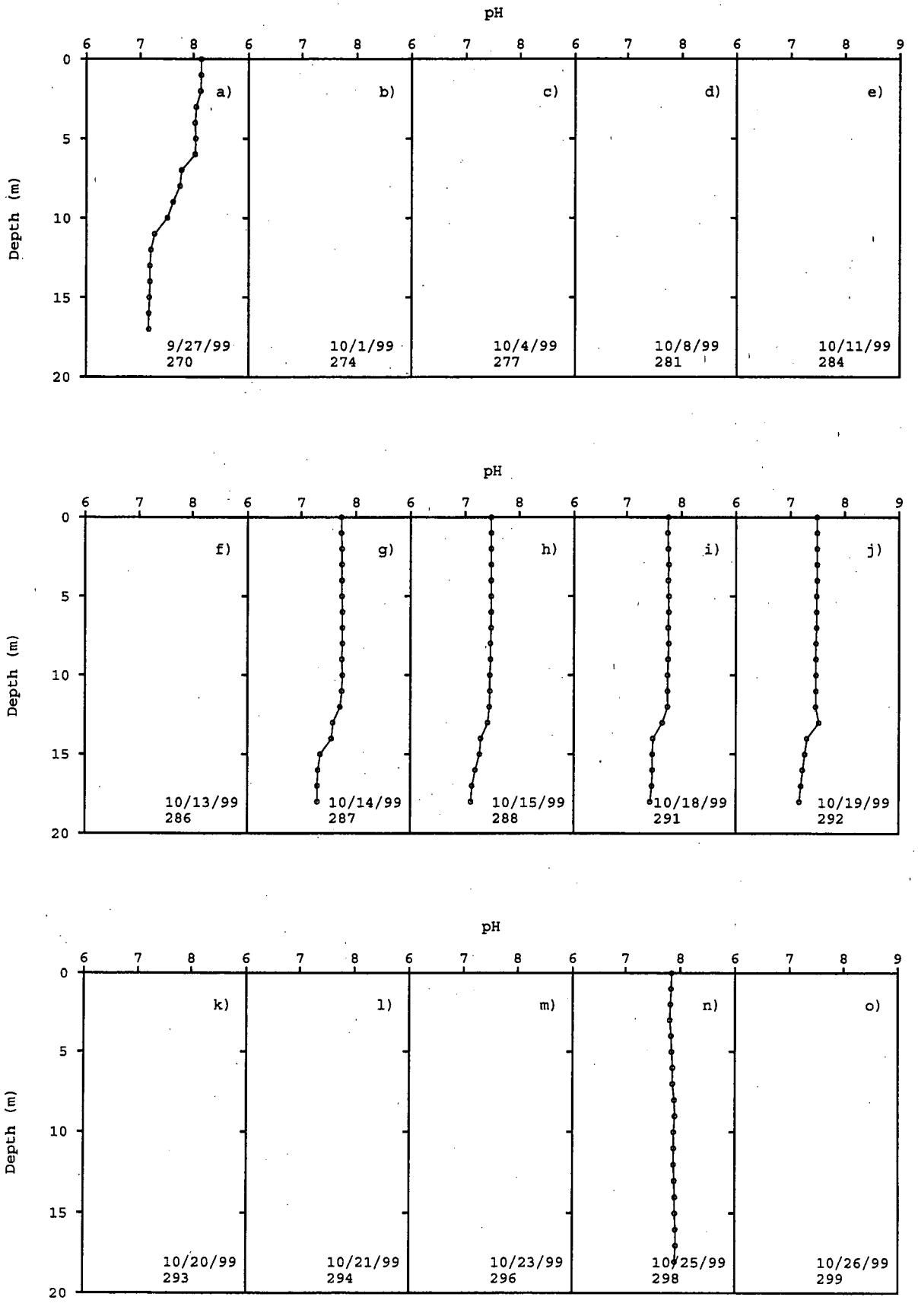
1999 pH Profiles for Onondaga Lake: North Deep



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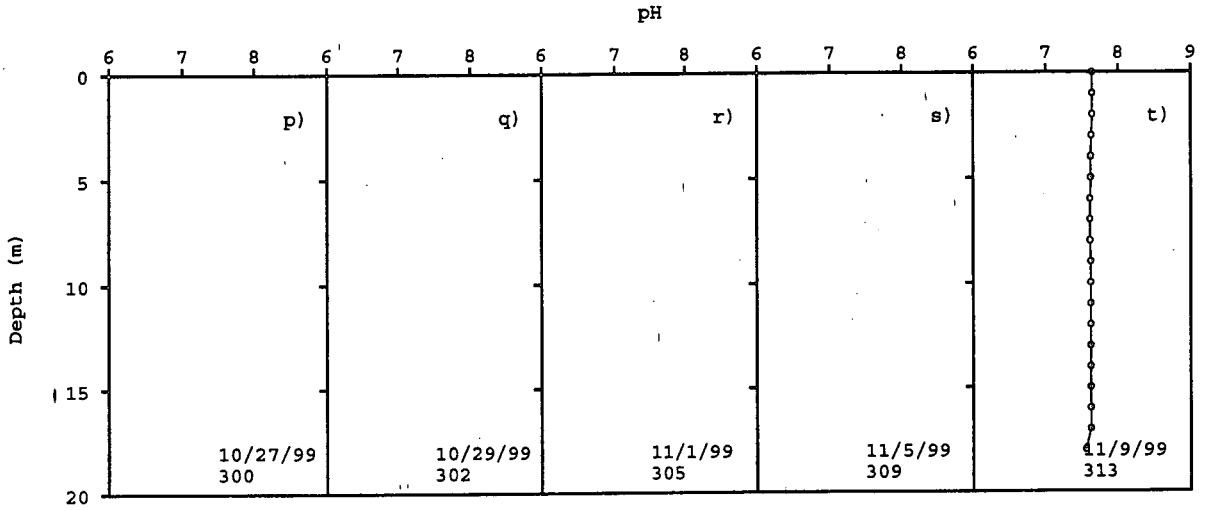
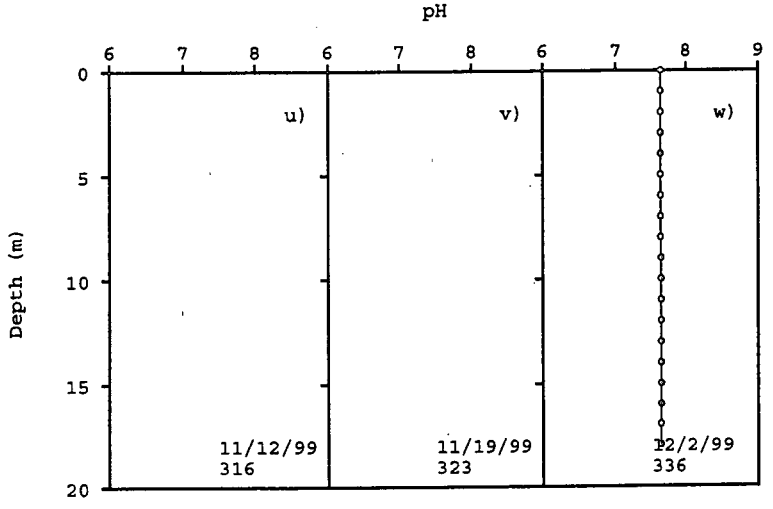
1999 pH Profiles for Onondaga Lake: North Deep





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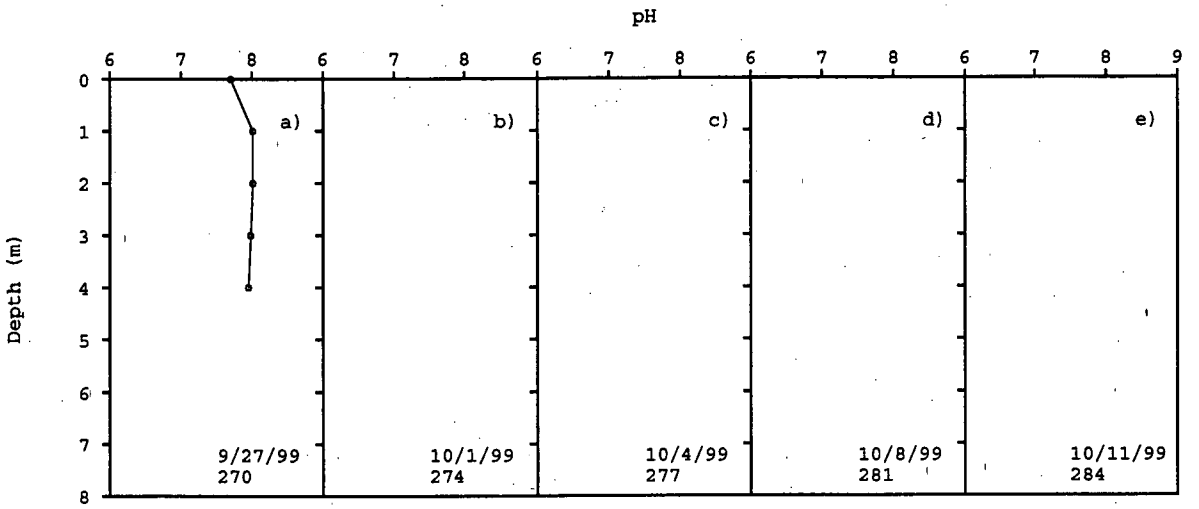
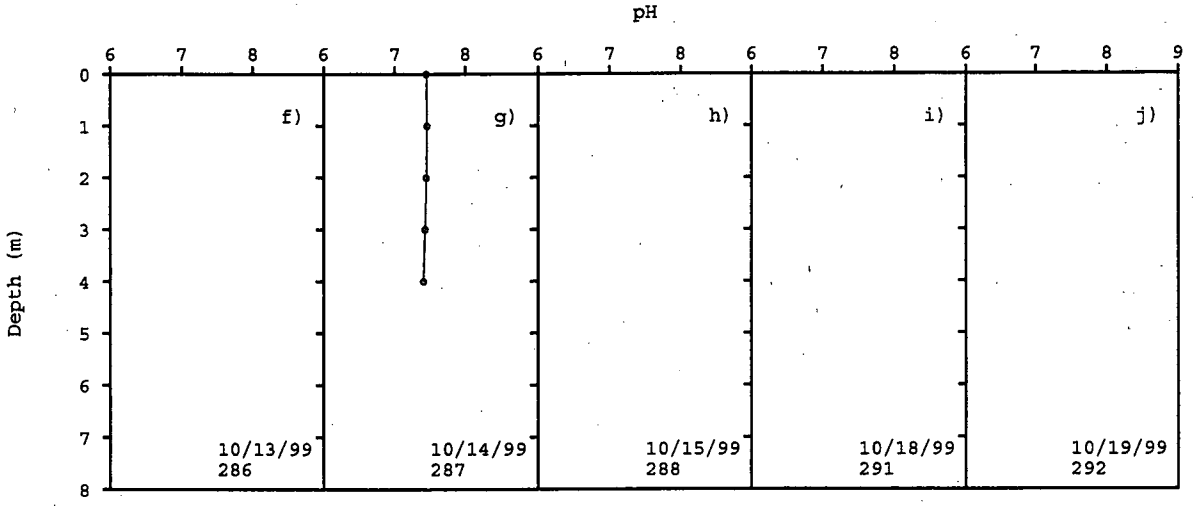
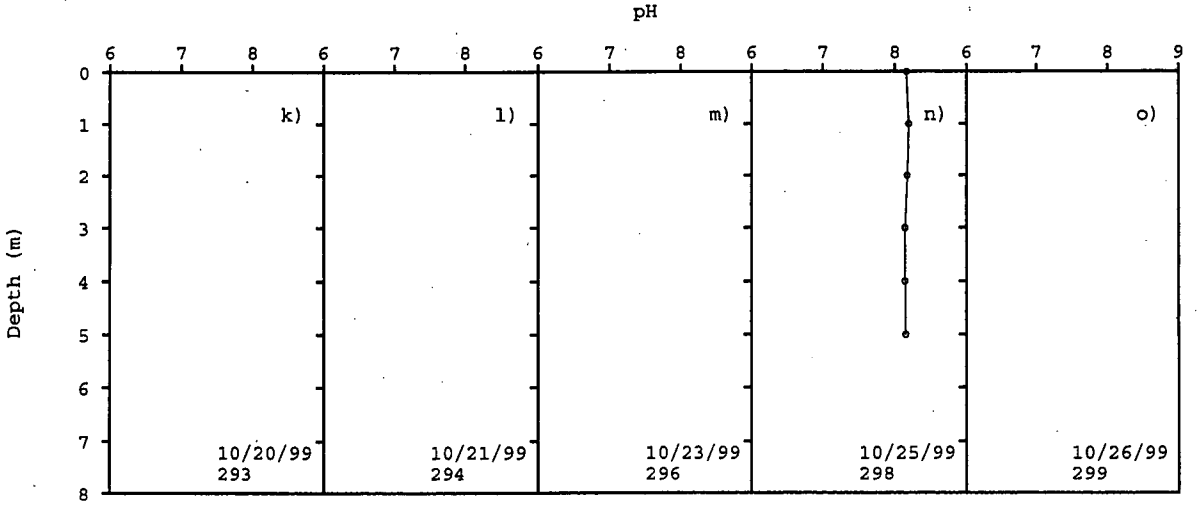
1999 pH Profiles for Onondaga Lake: Outlet







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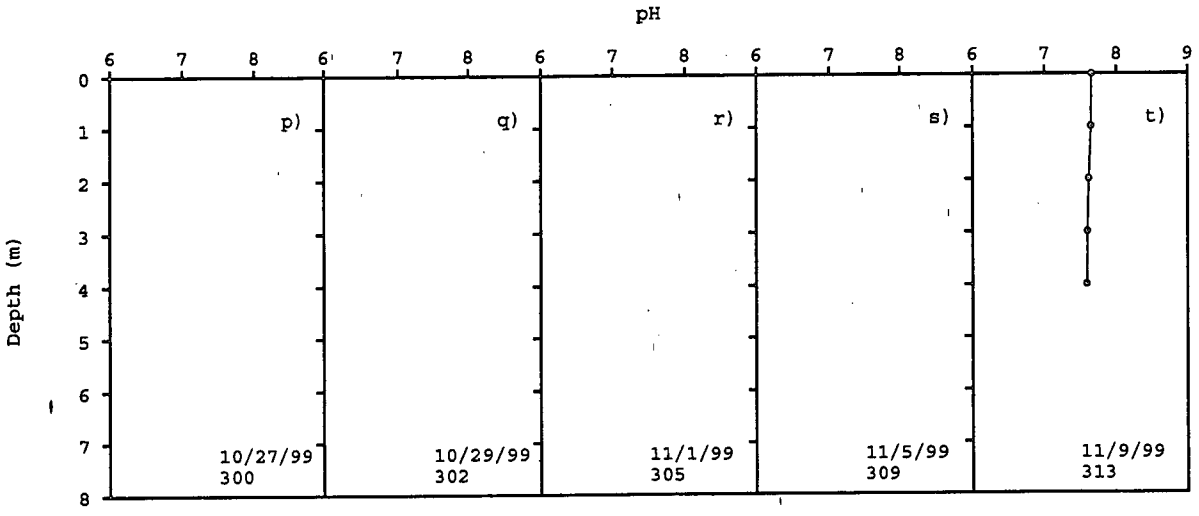
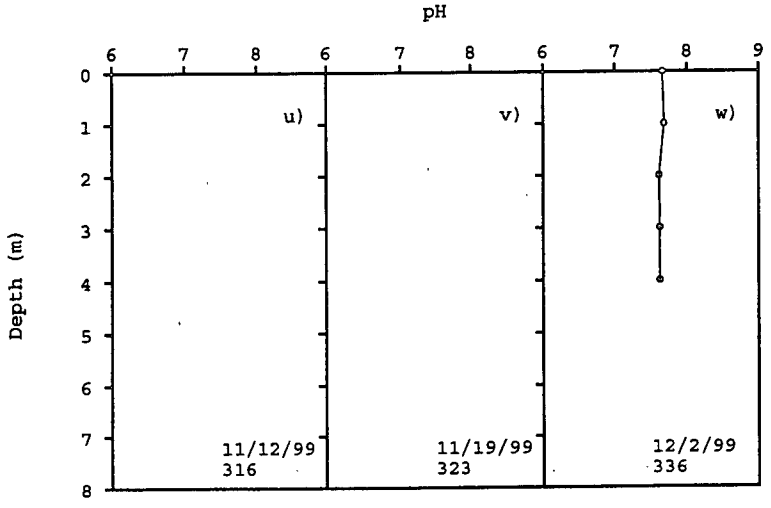
1999 pH Profiles for Onondaga Lake: Outlet





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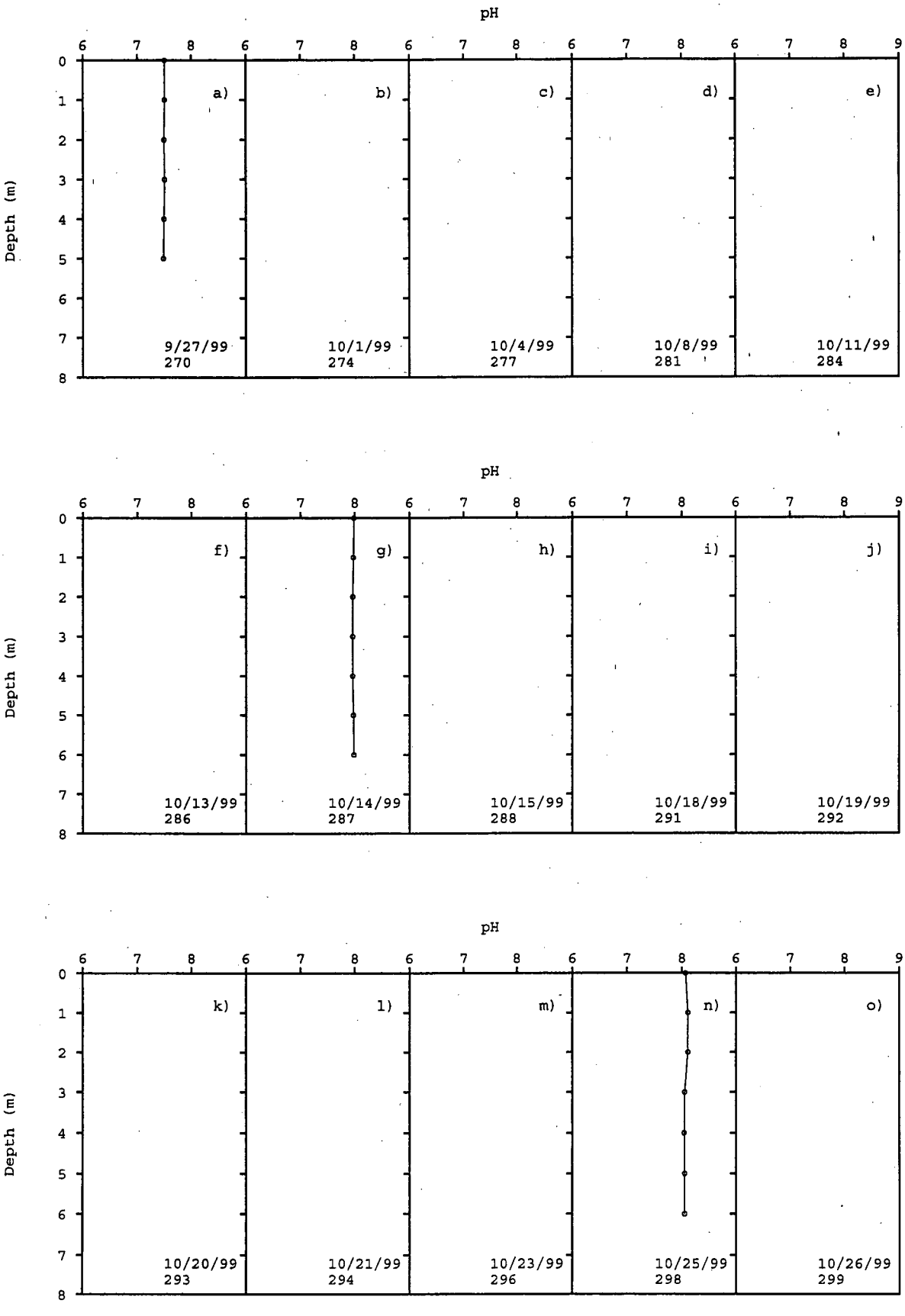
1999 pH Profiles for Onondaga Lake: River Upstream



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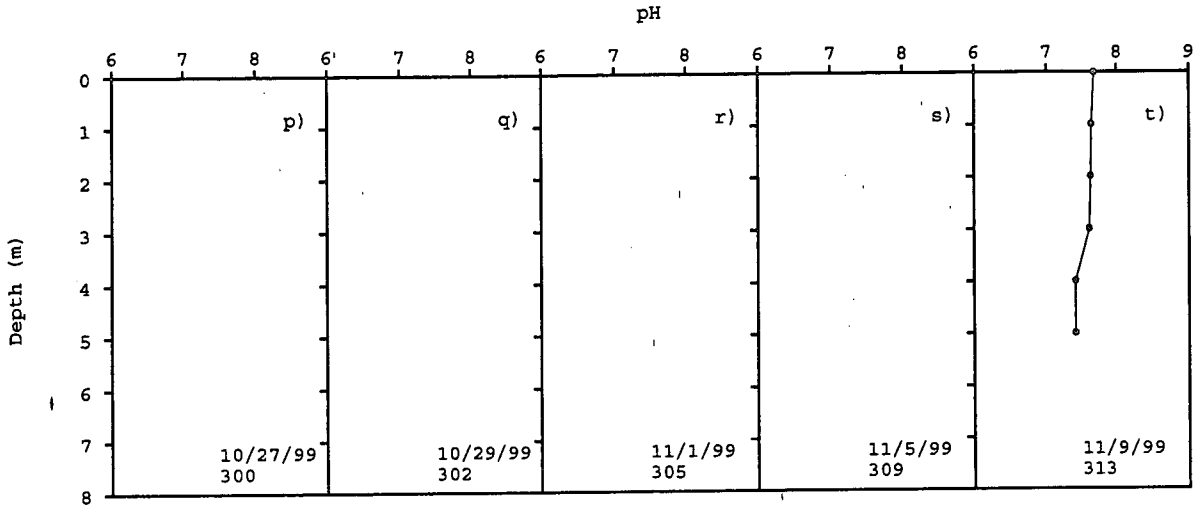
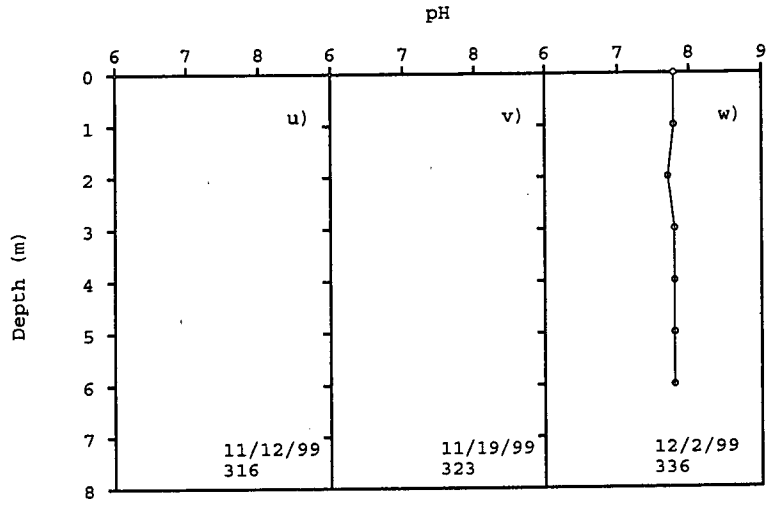
Thu Dec 02 15:13:51 1999

1999 pH Profiles for Onondaga Lake: River Upstream





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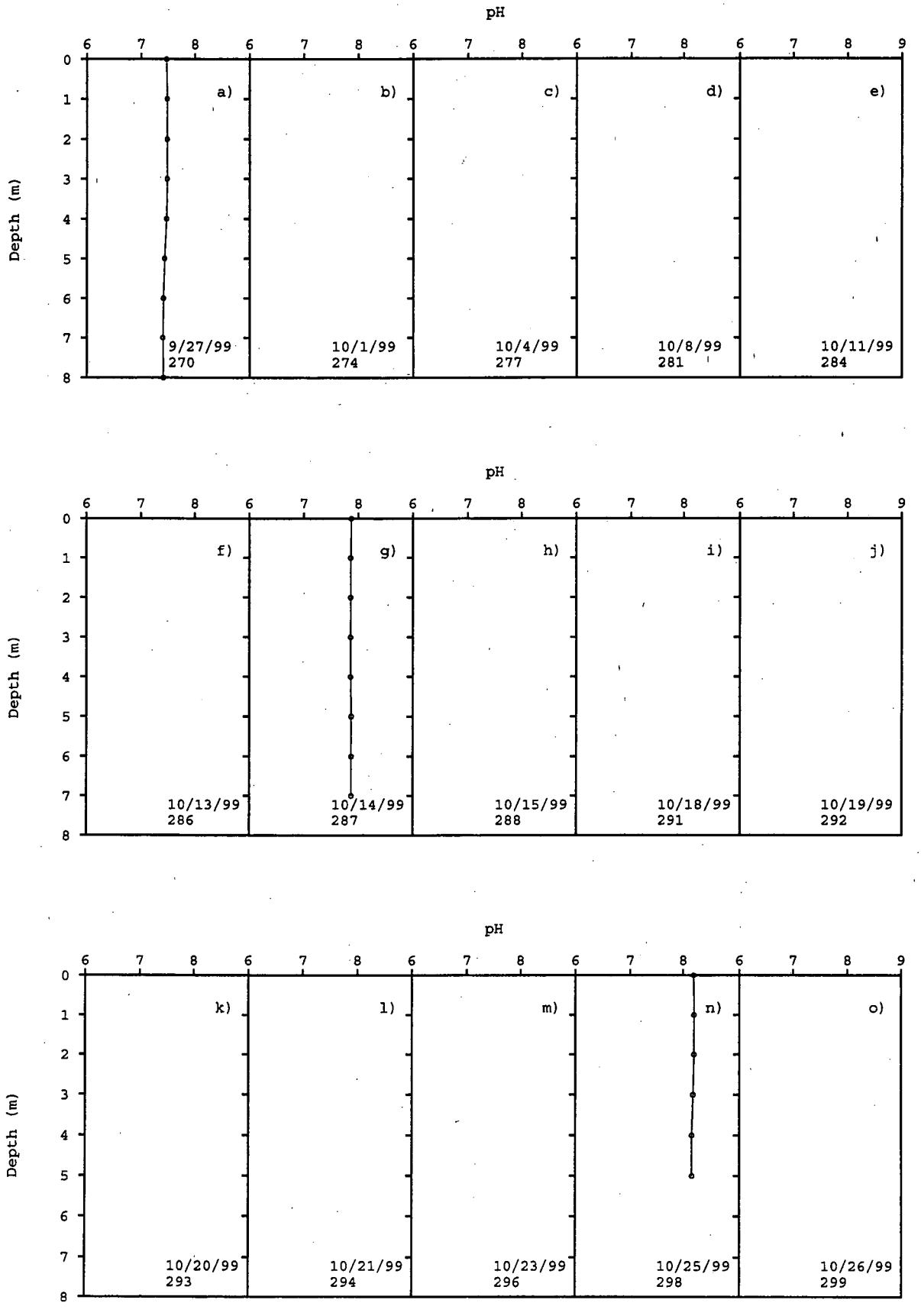
1999 pH Profiles for Onondaga Lake: River Downstream



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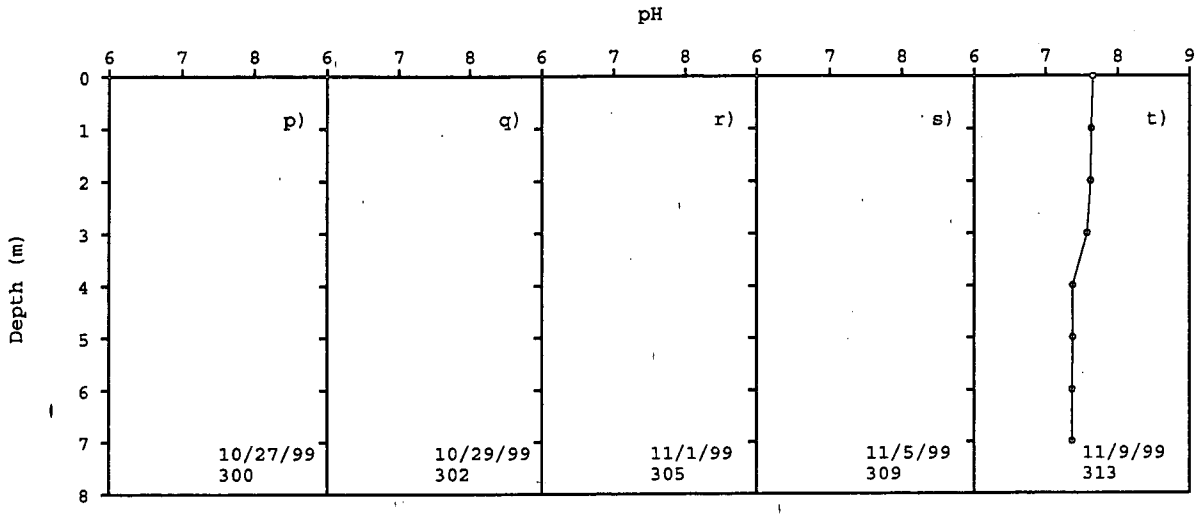
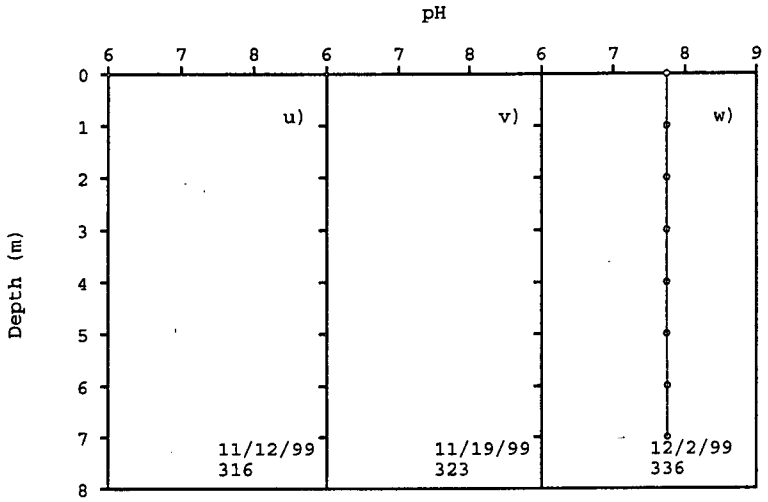
1999 pH Profiles for Onondaga Lake: River Downstream





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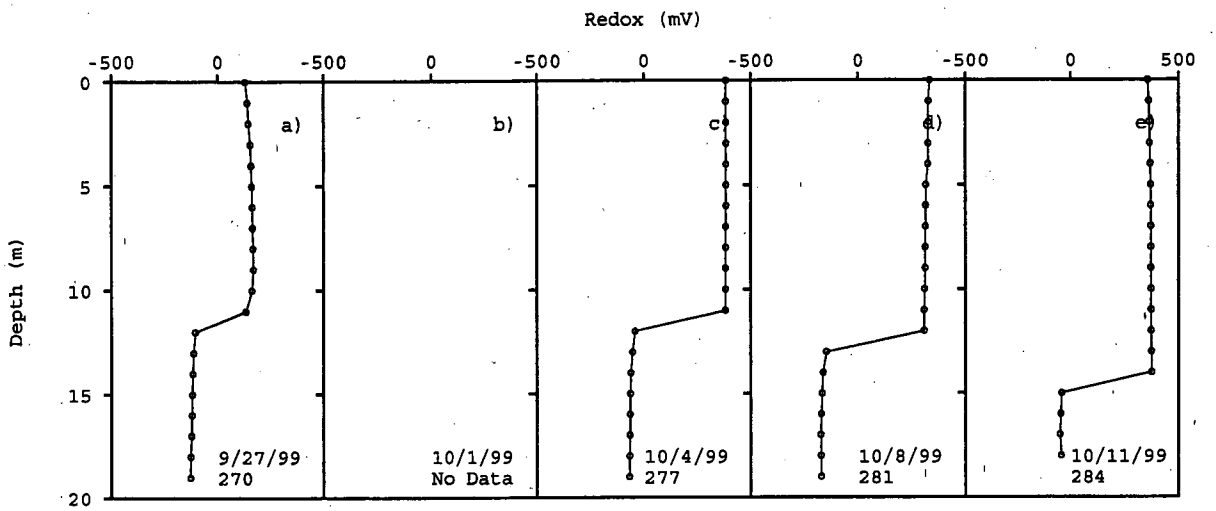
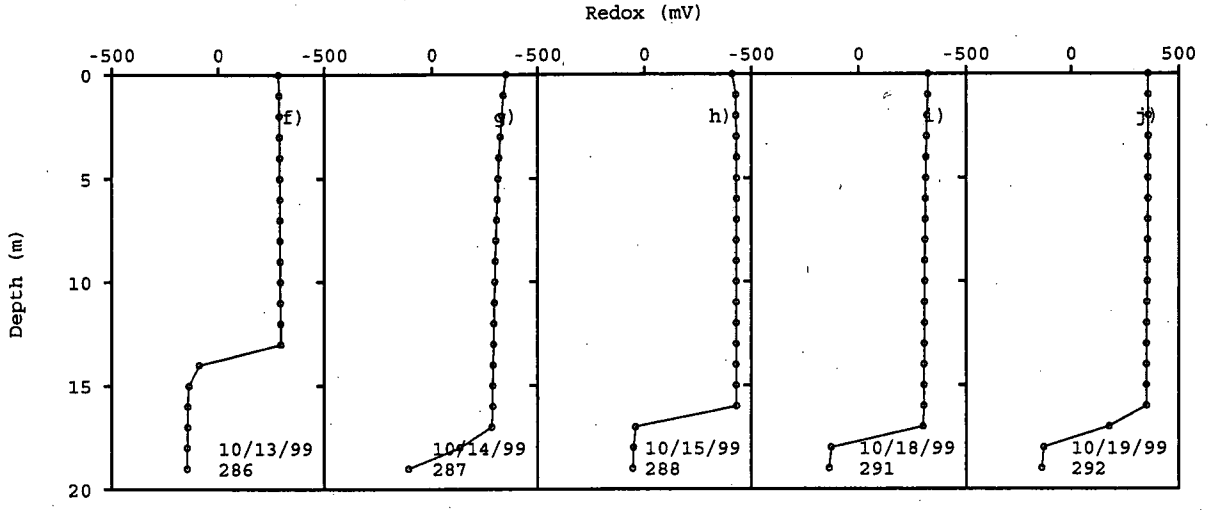
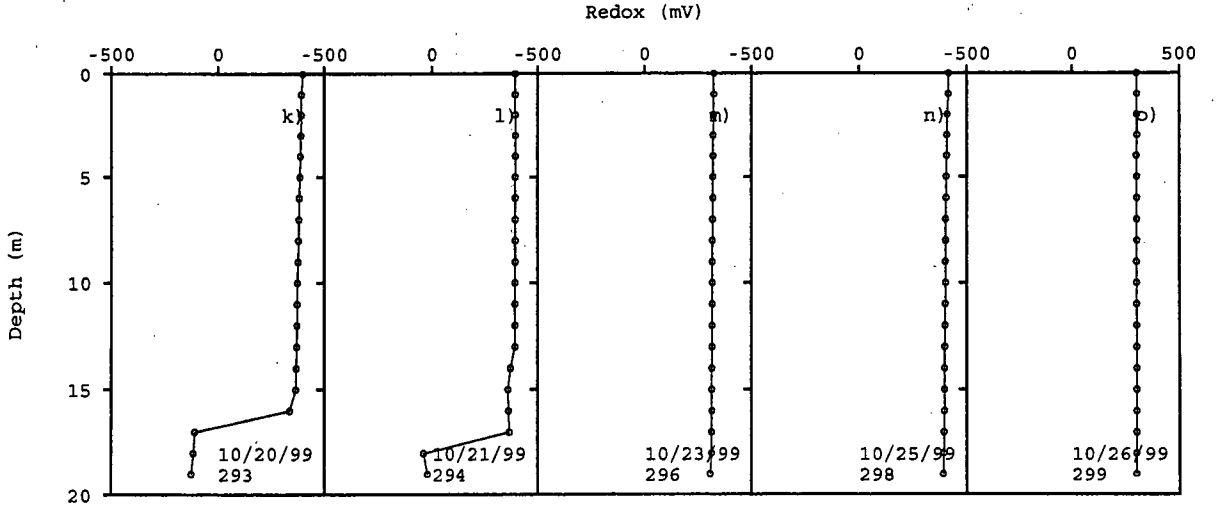
Thu Dec 02 15:14:06 1999

1999 Redox Profiles for Onondaga Lake: South Deep







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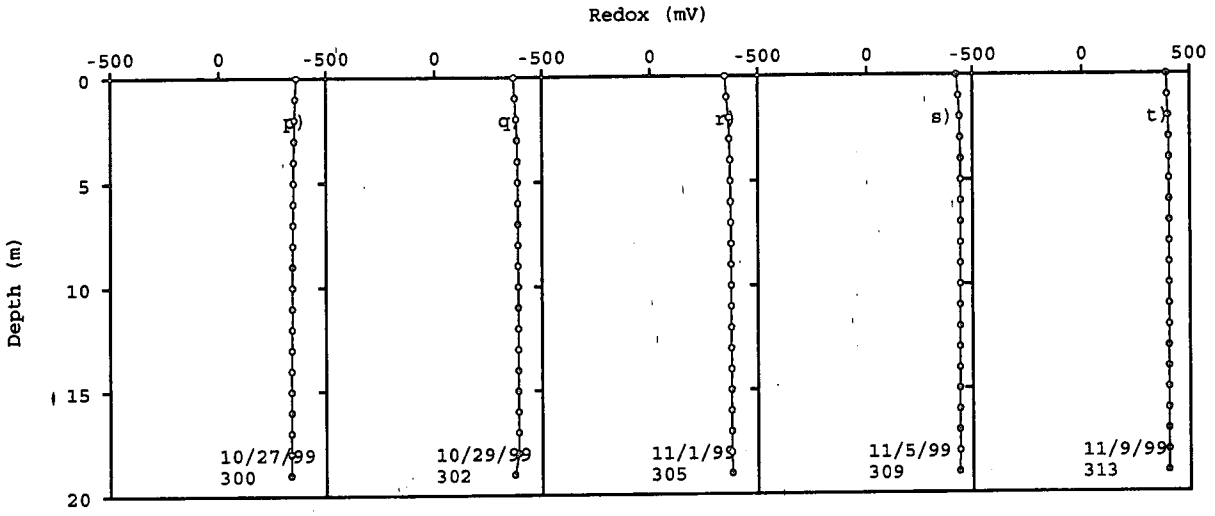
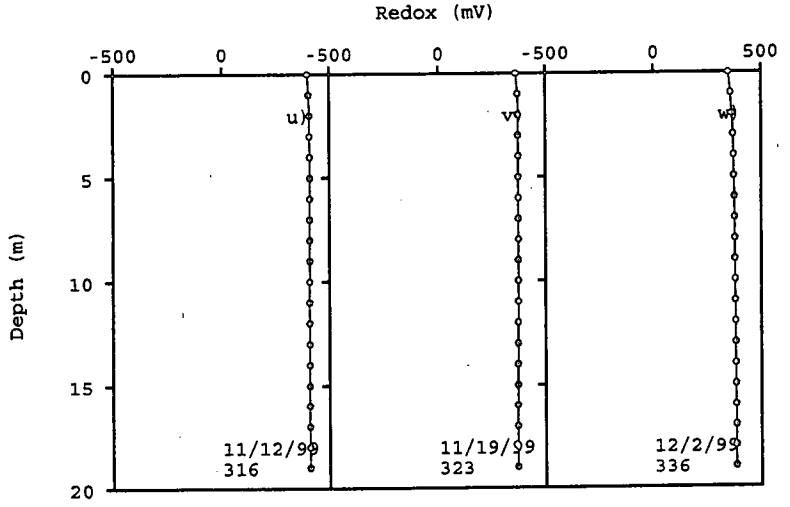
1999 Redox Profiles for Onondaga Lake: South Deep





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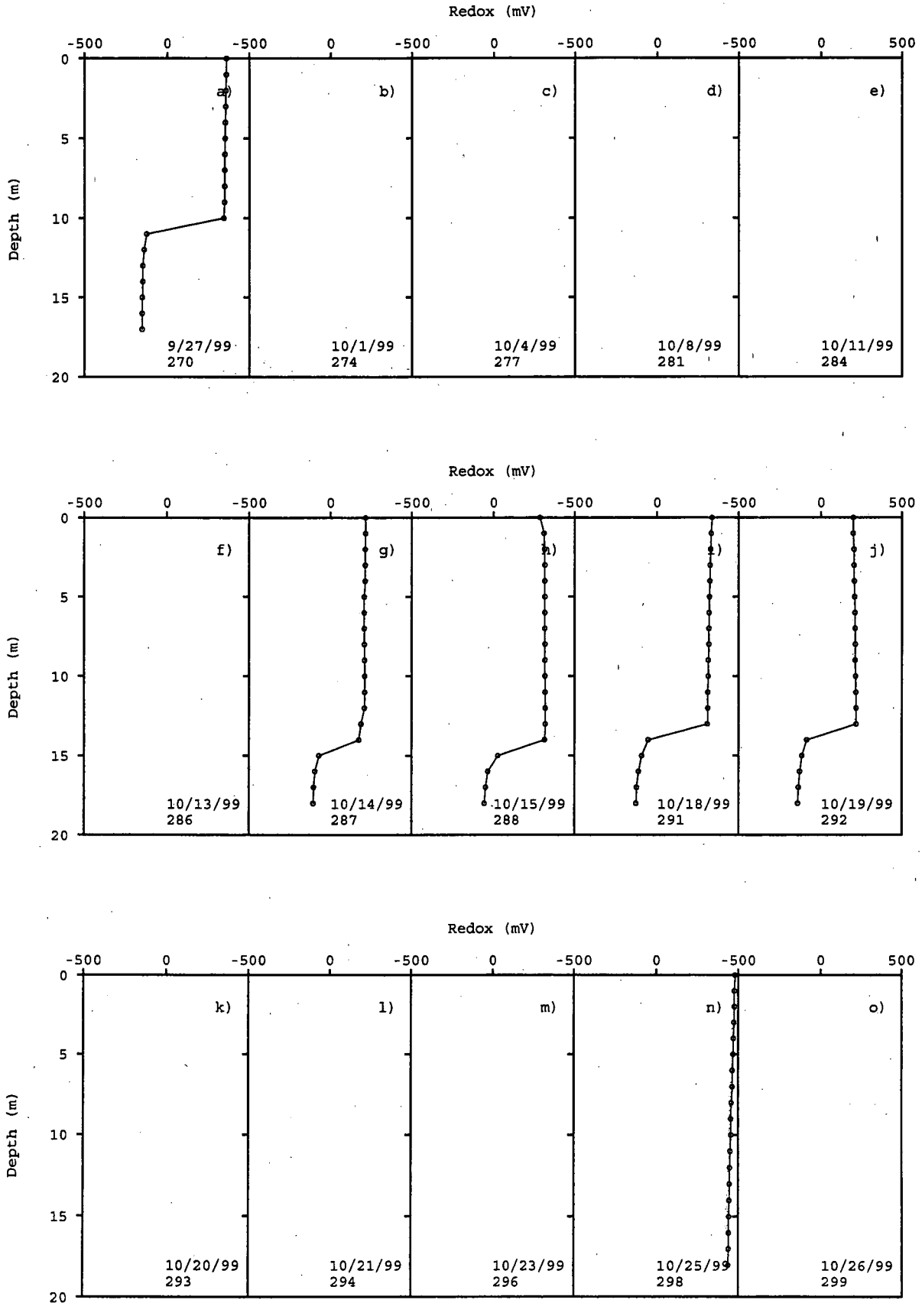
1999 Redox Profiles for Onondaga Lake: North Deep



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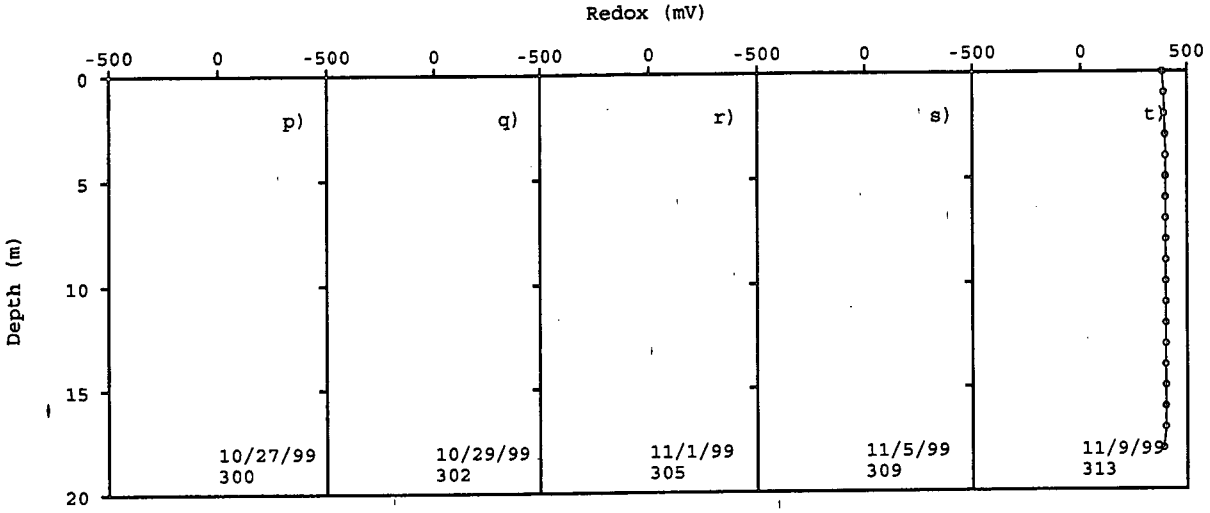
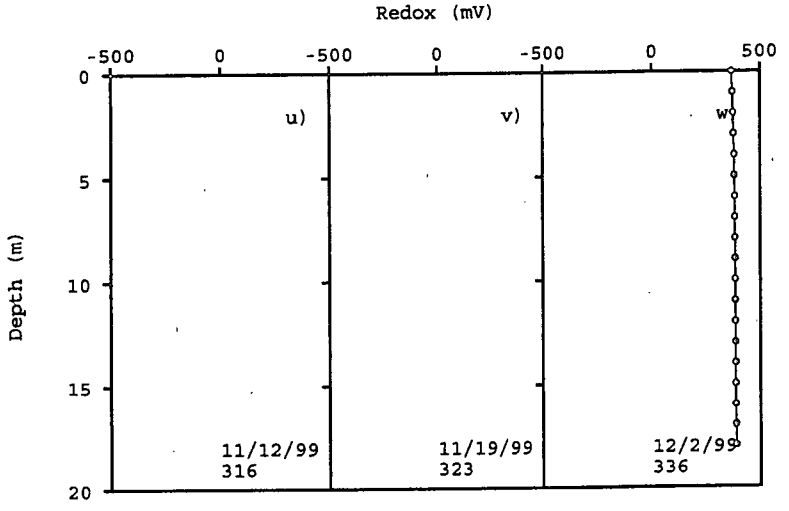
1999 Redox Profiles for Onondaga Lake: North Deep





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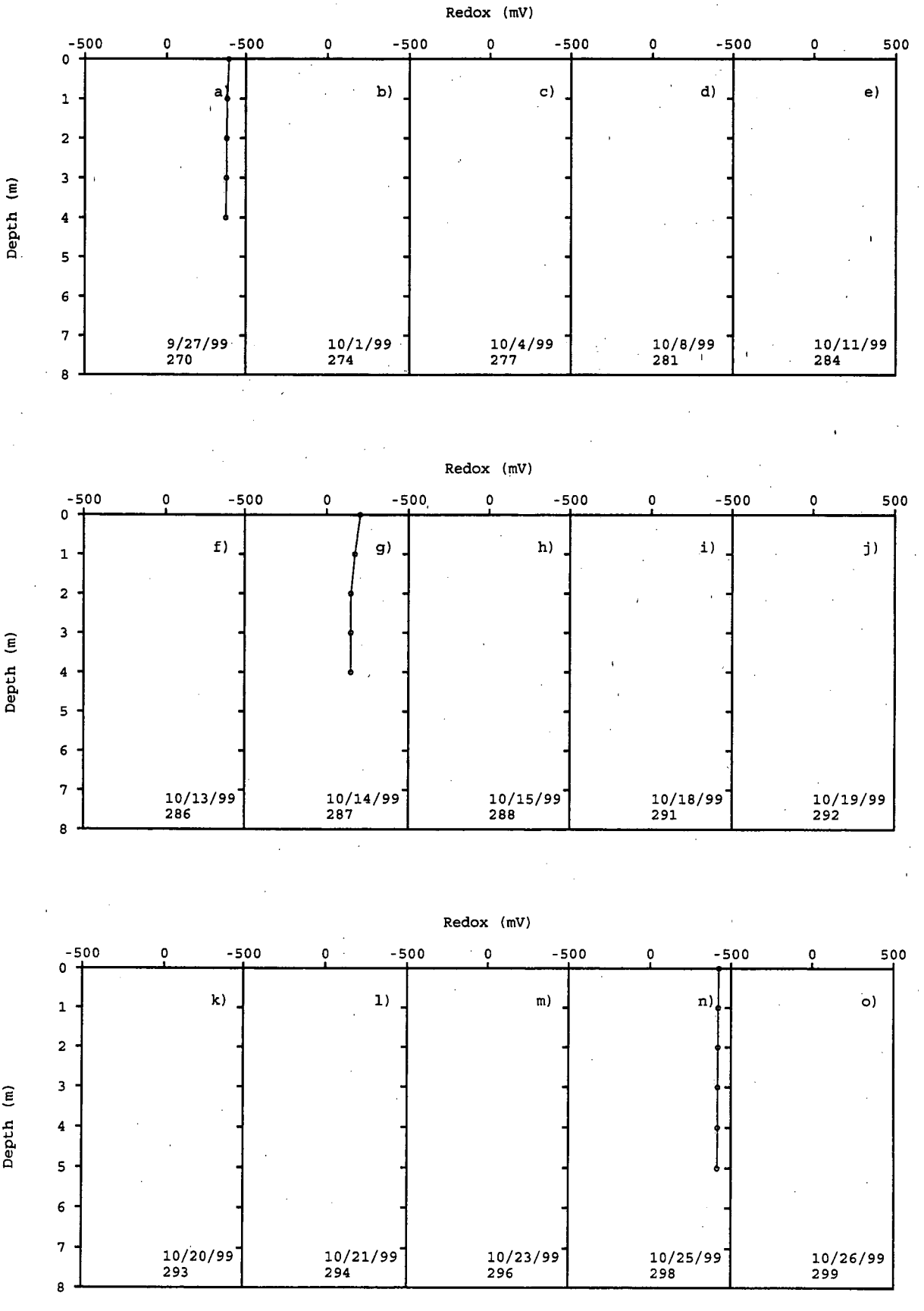
1999 Redox Profiles for Onondaga Lake: Outlet



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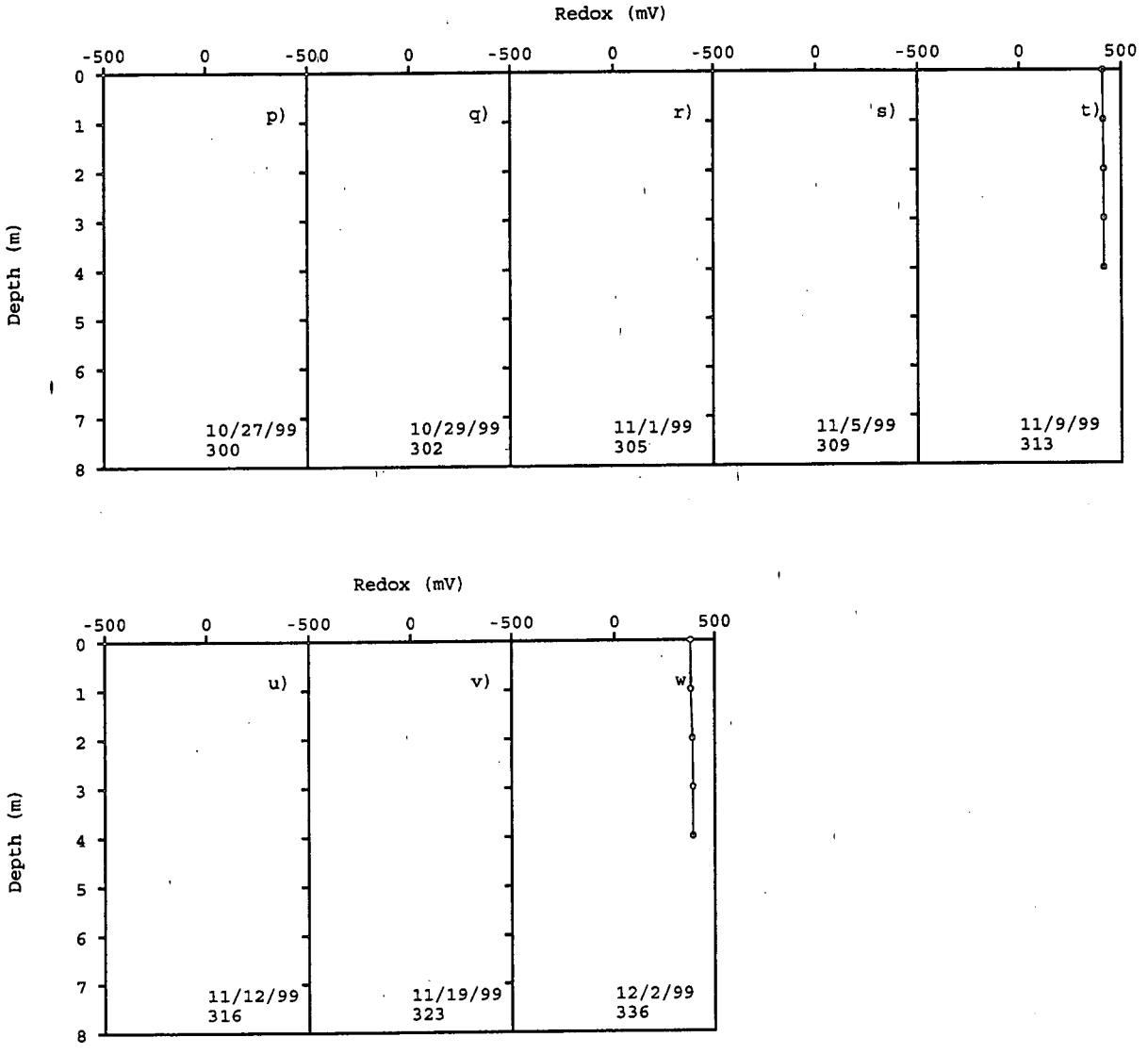
Thu Dec 02 15:14:29 1999

1999 Redox Profiles for Onondaga Lake: Outlet



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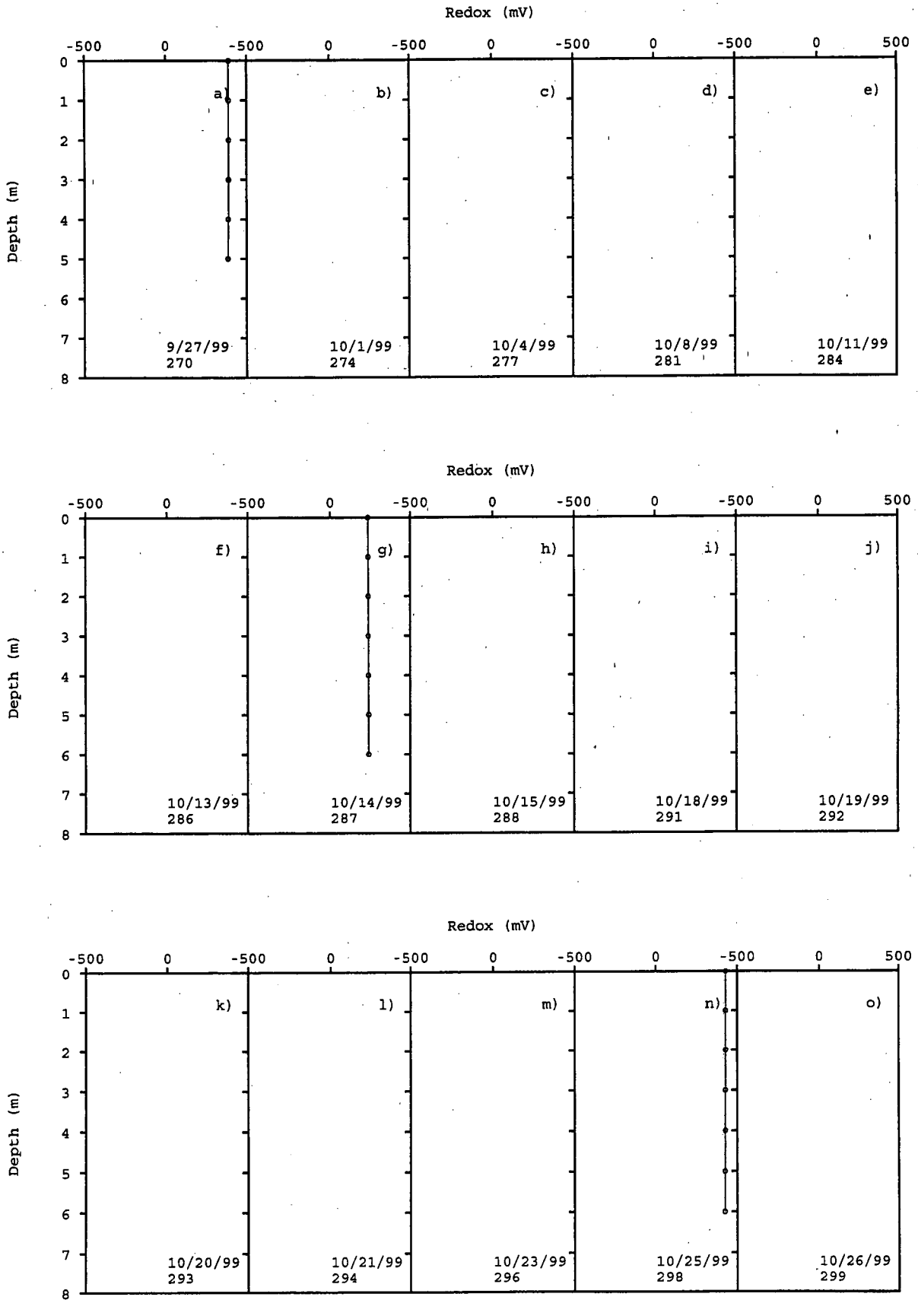
Thu Dec 02 15:14:30 1999

1999 Redox Profiles for Onondaga Lake: River Upstream



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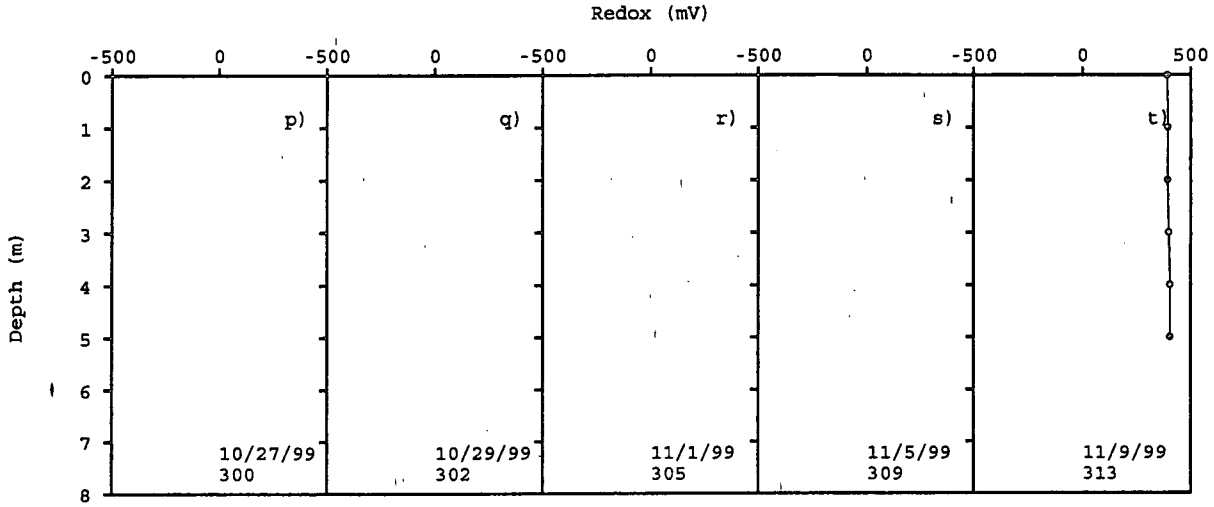
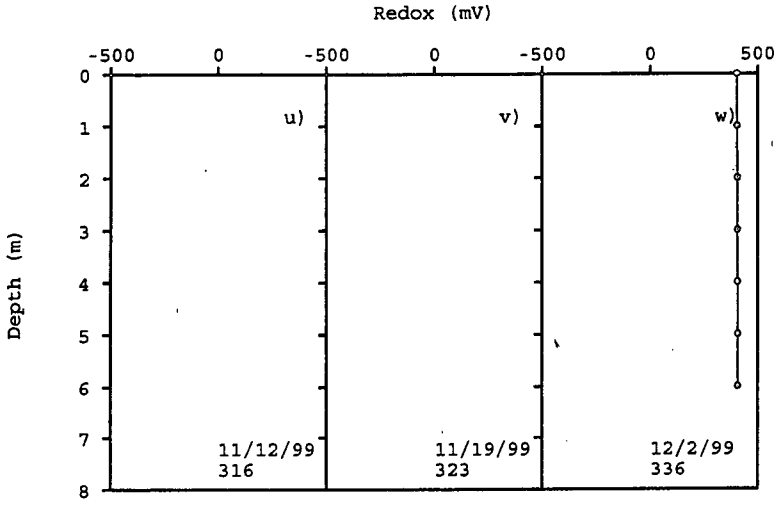
1999 Redox Profiles for Onondaga Lake: River Upstream





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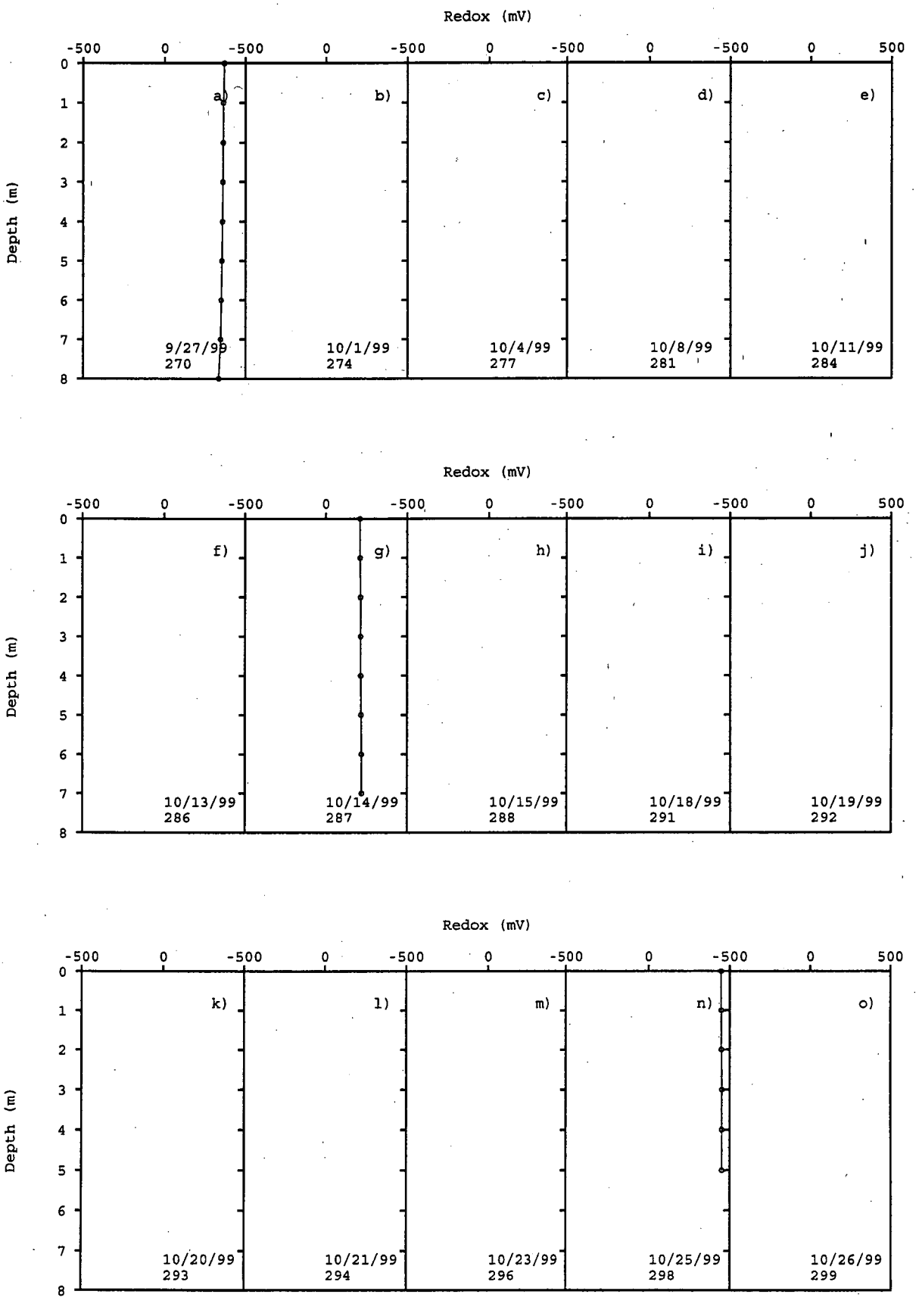
1999 Redox Profiles for Onondaga Lake: River Downstream



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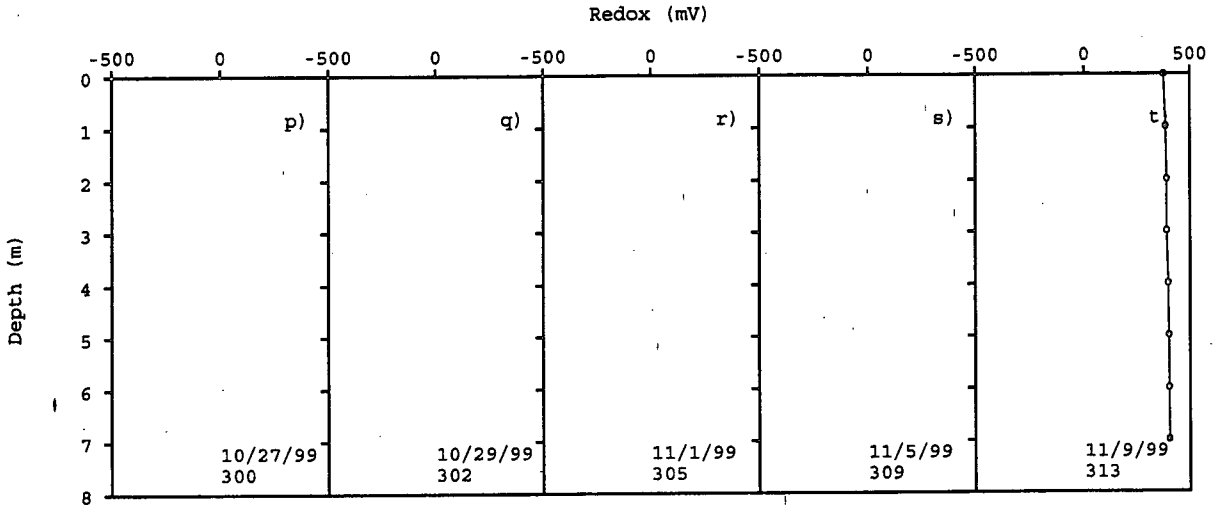
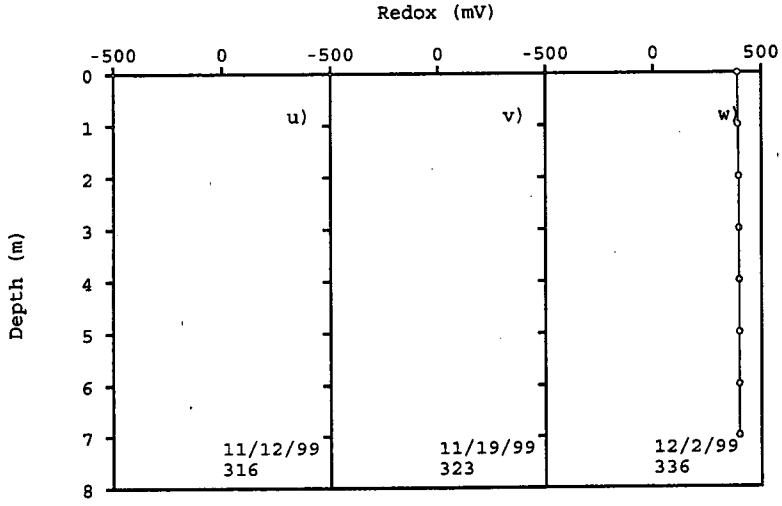
1999 Redox Profiles for Onondaga Lake: River Downstream





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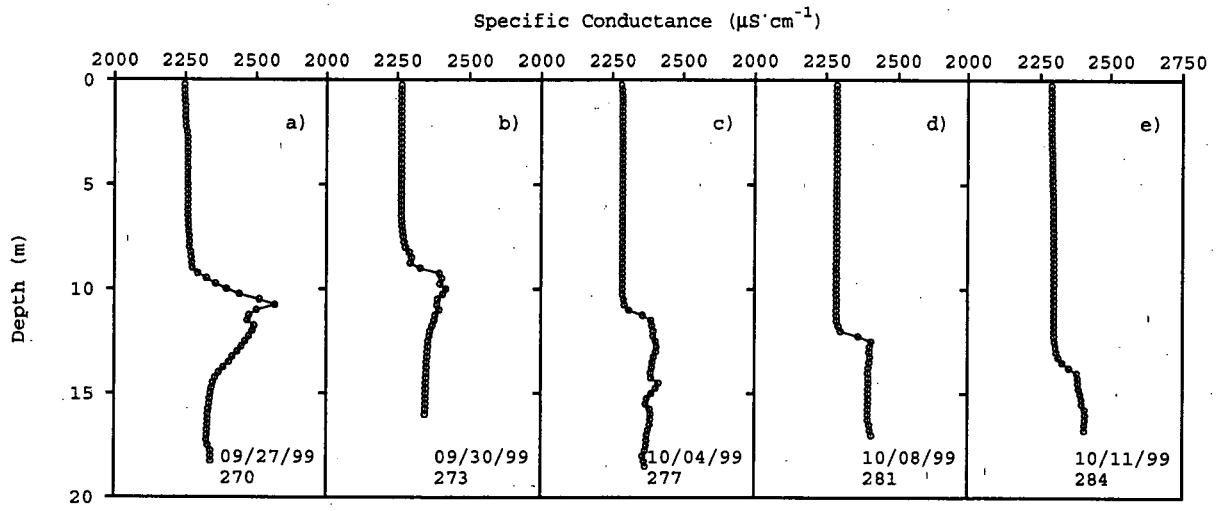
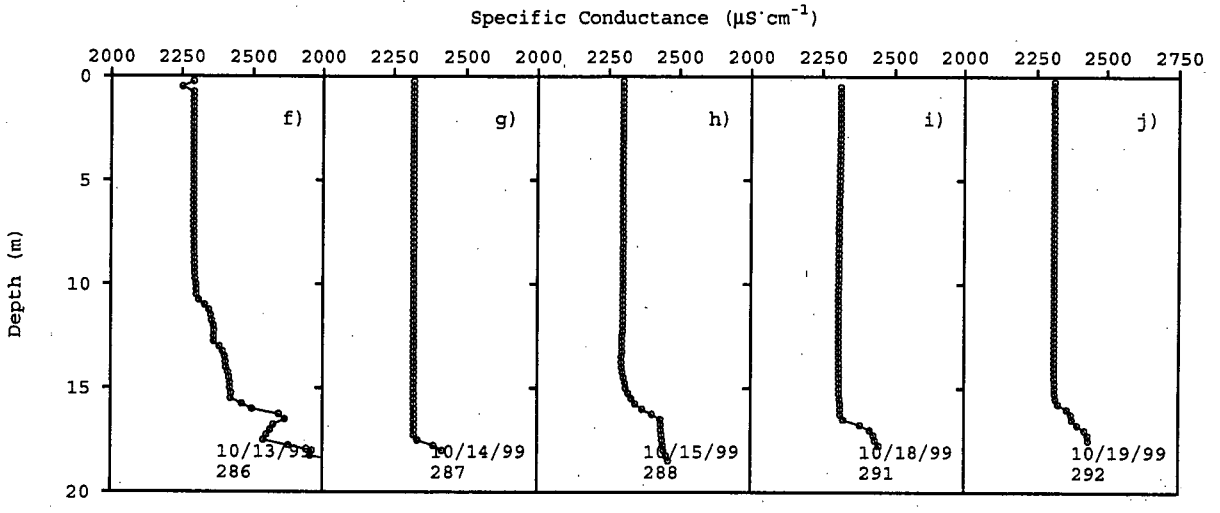
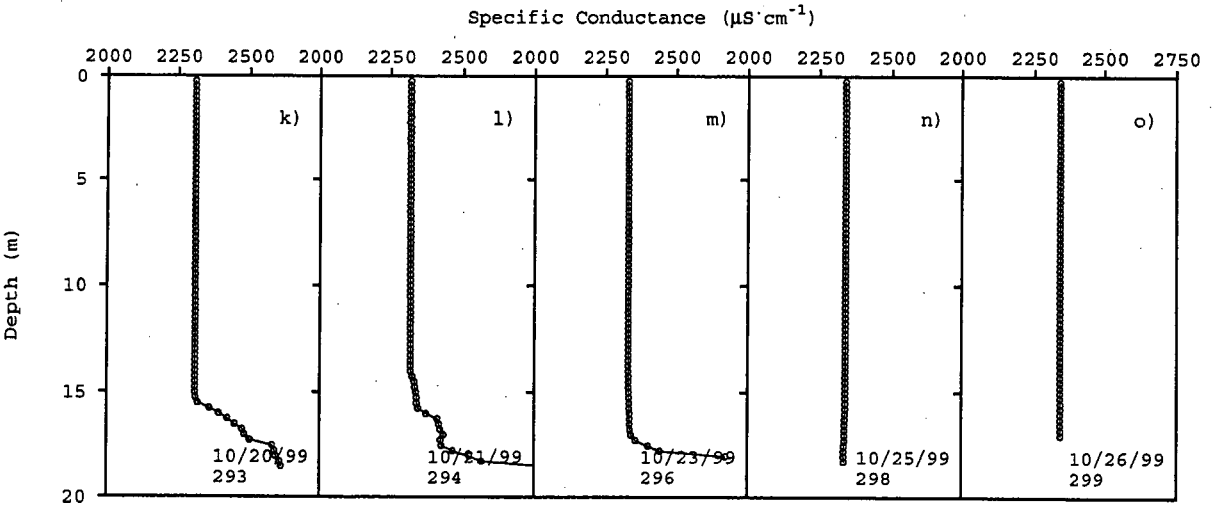
1999 Specific Conductance Profiles for Onondaga Lake: South Deep







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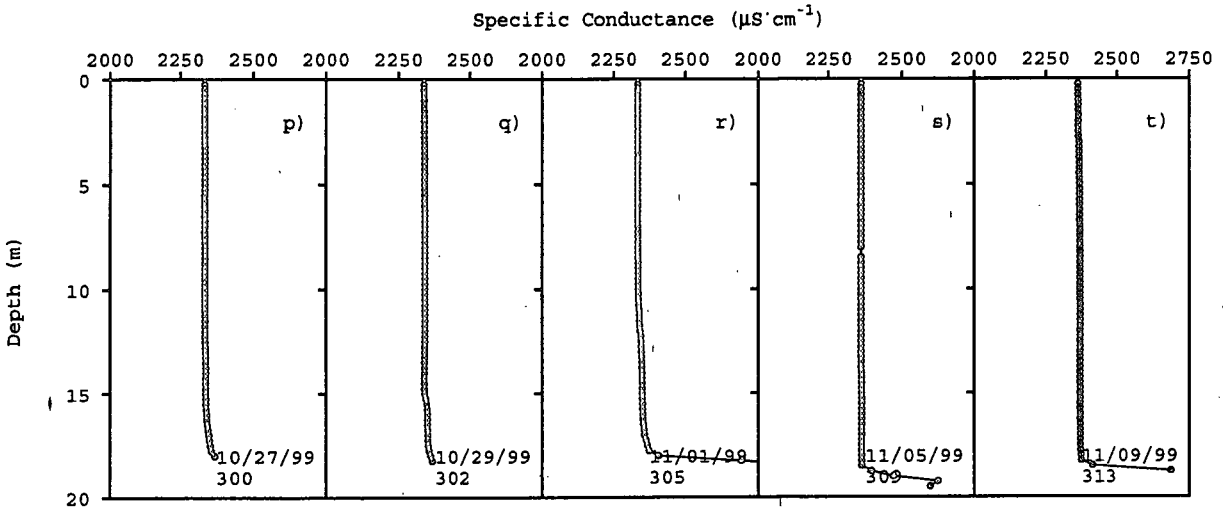

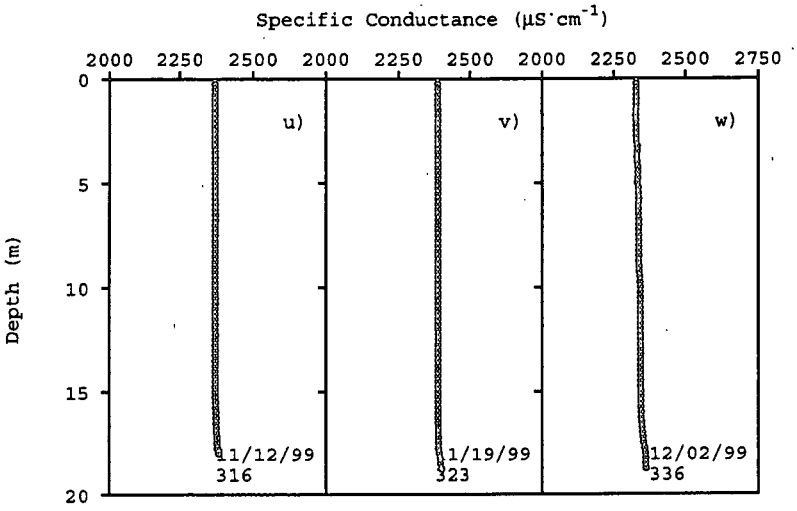

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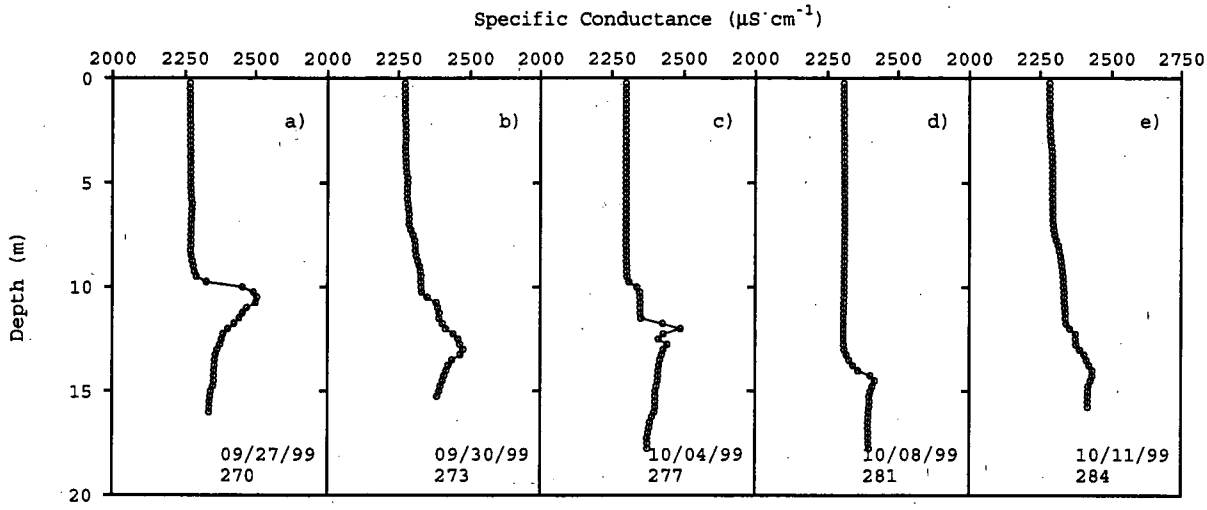

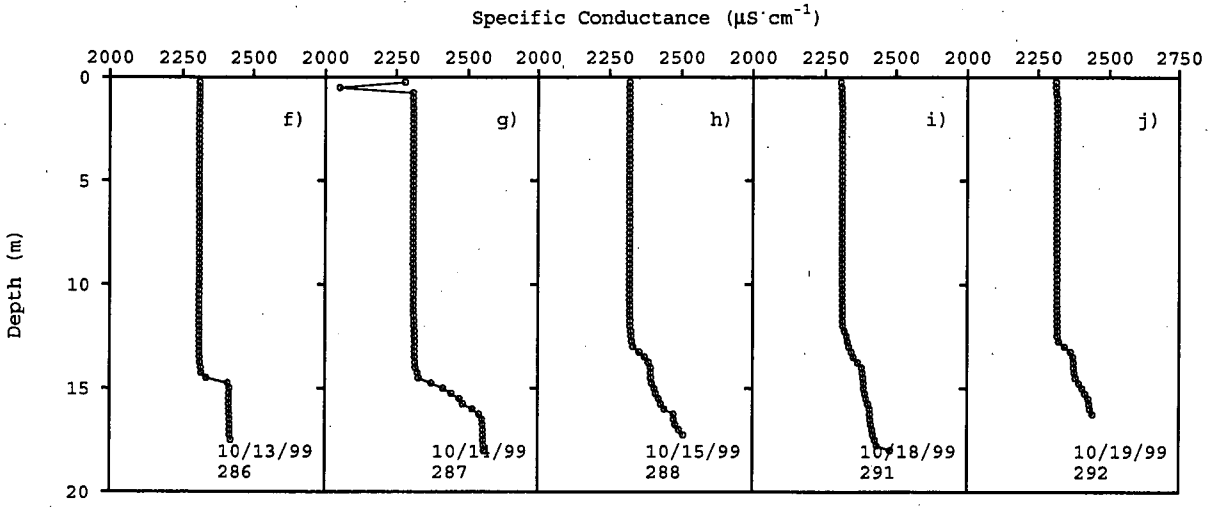

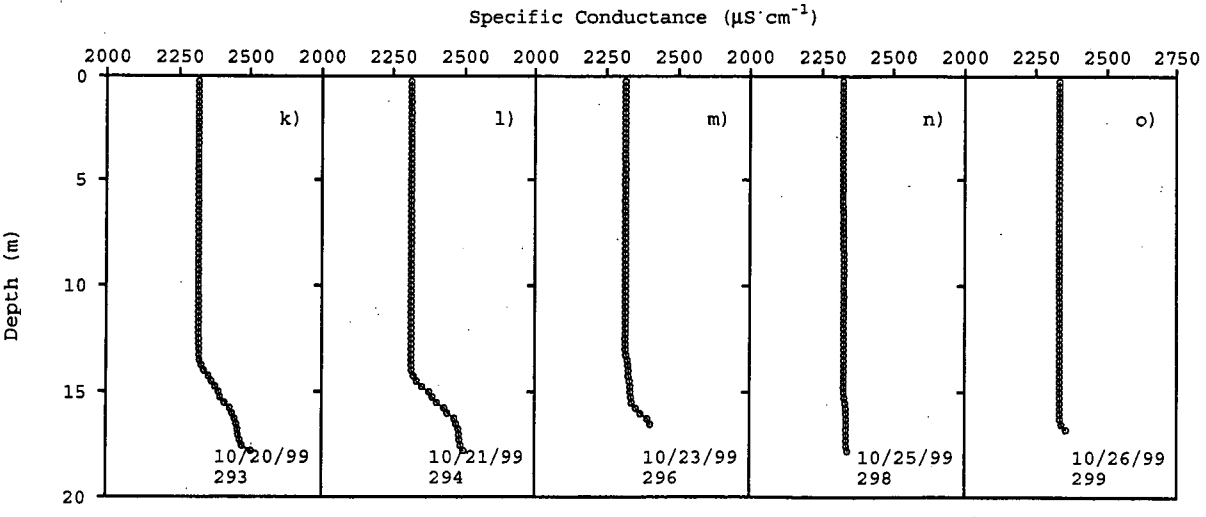

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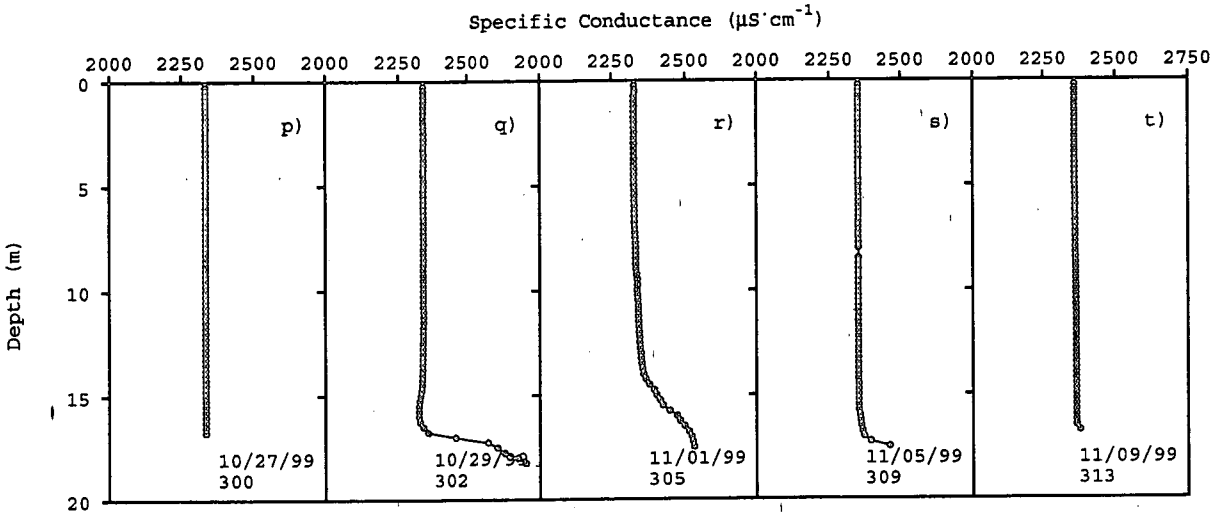

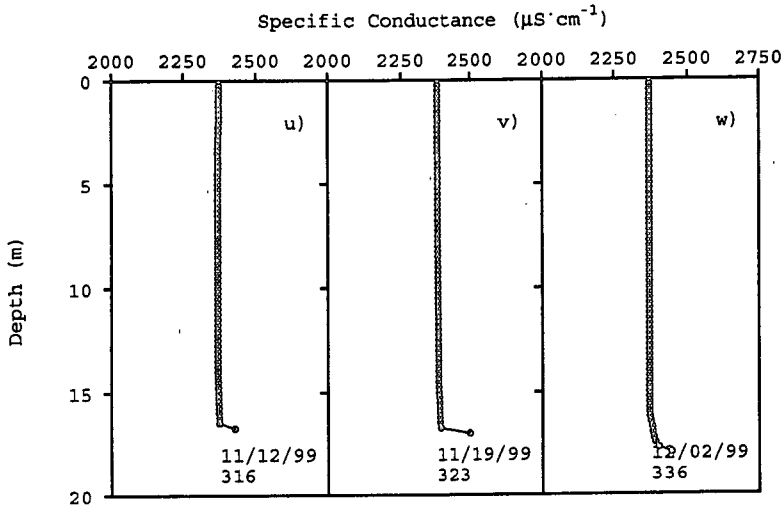

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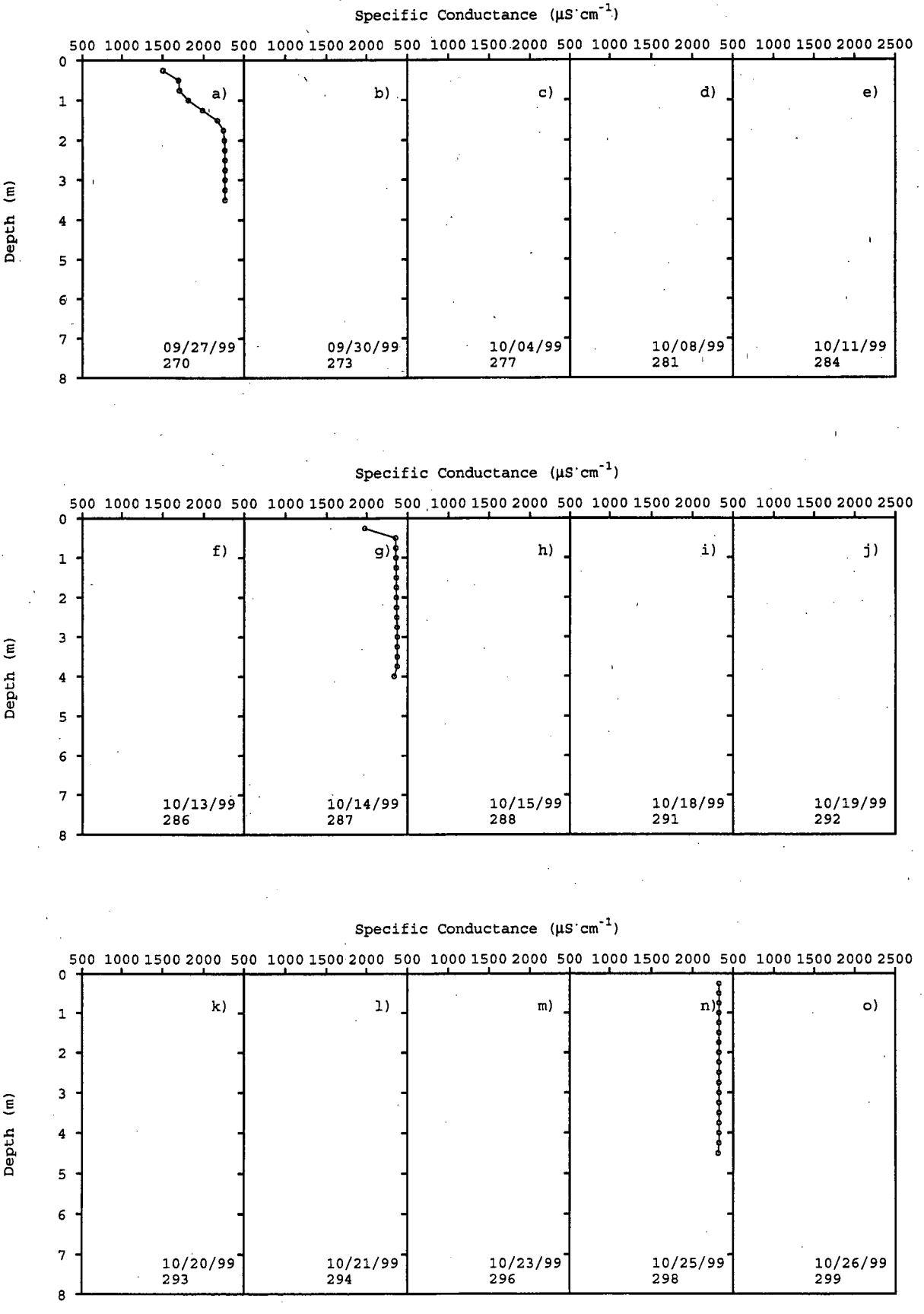

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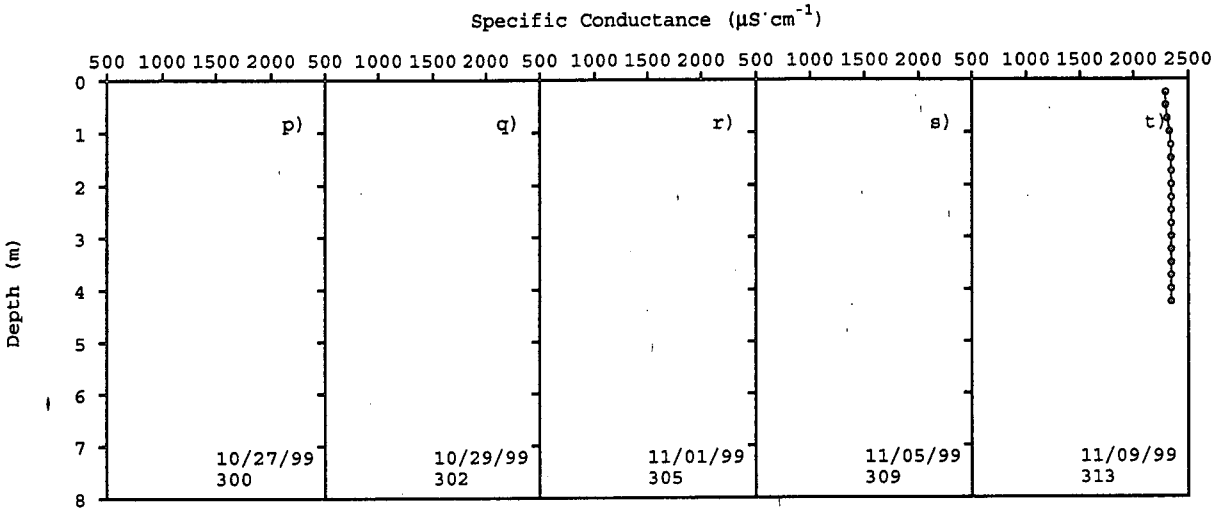

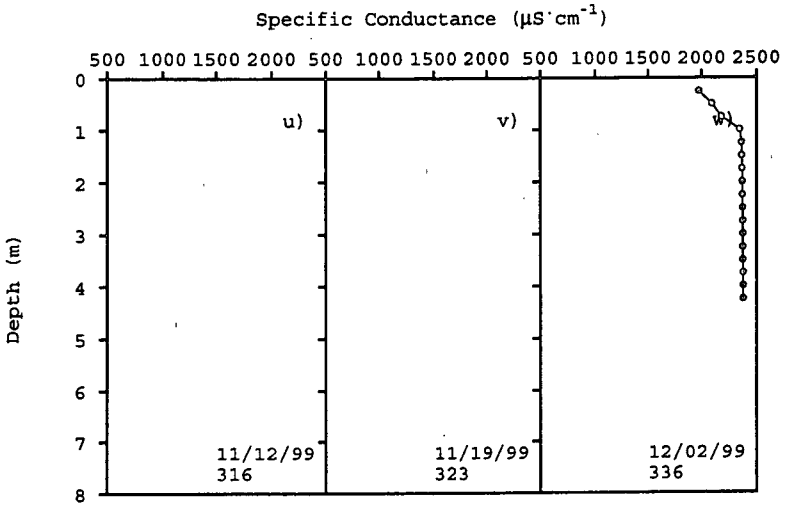

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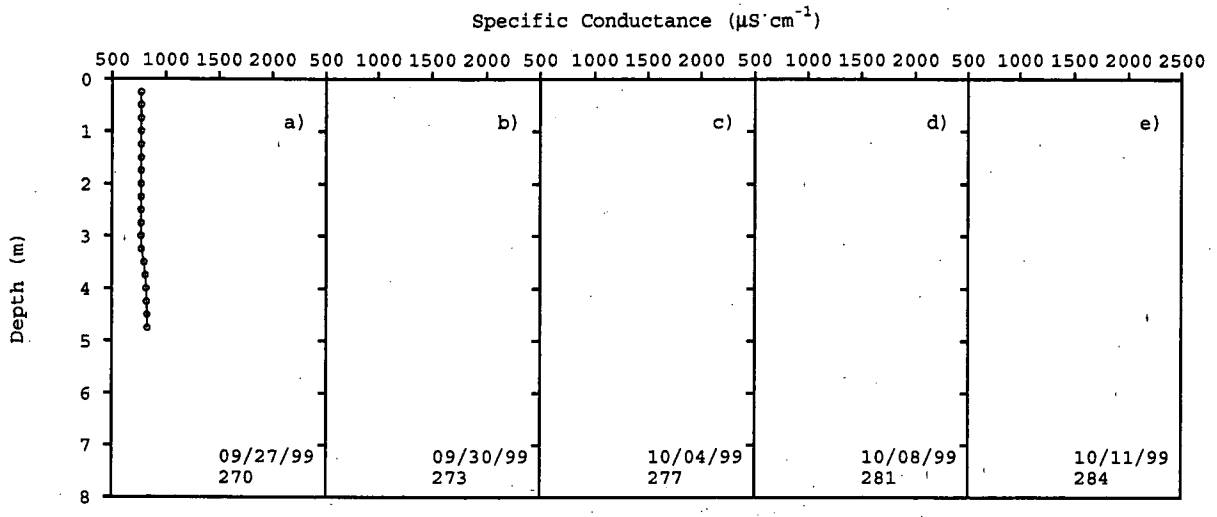
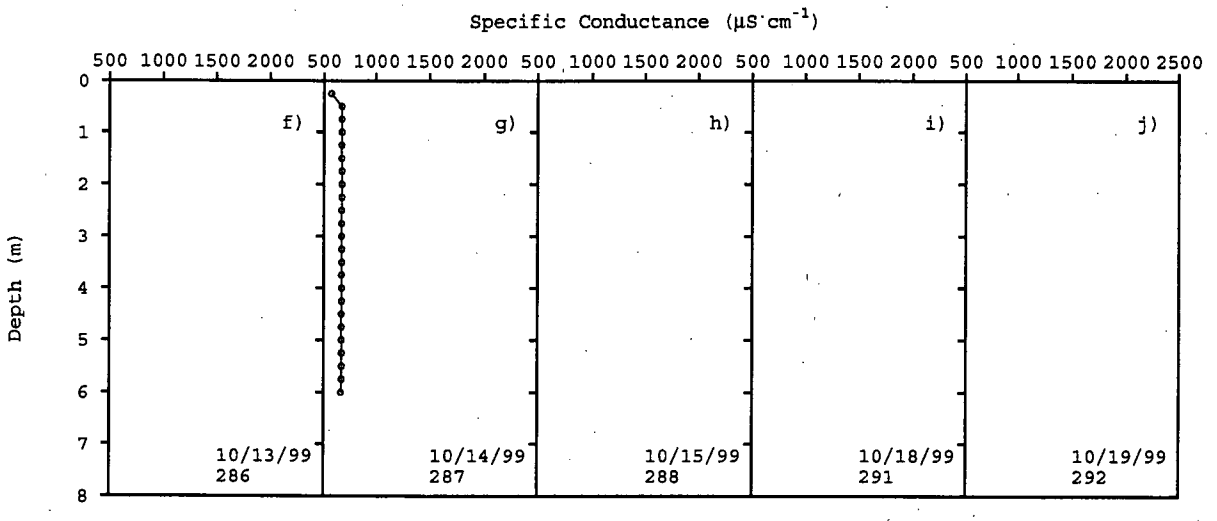
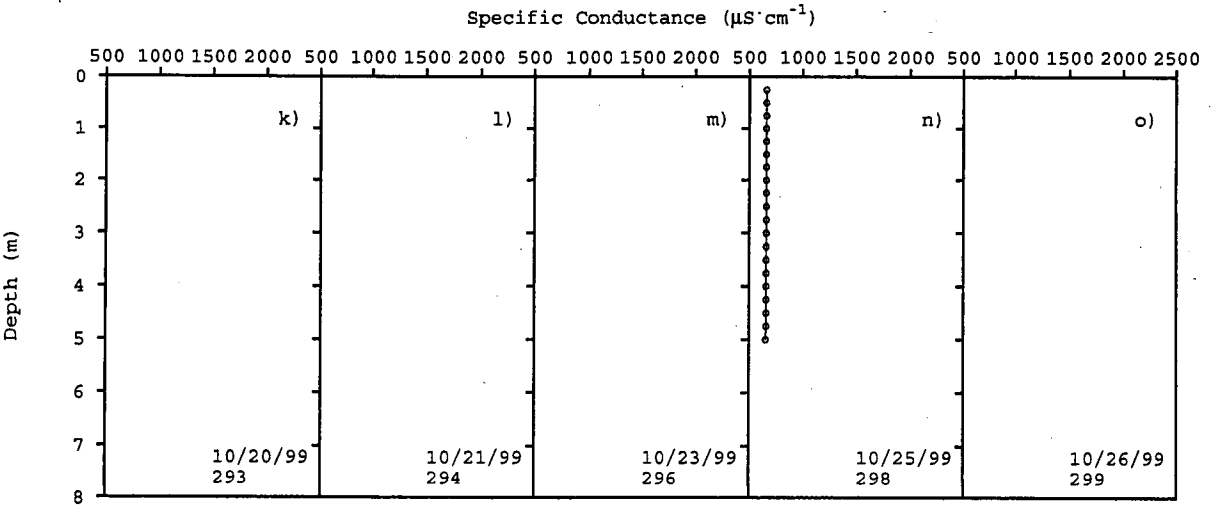
1999 Specific Conductance Profiles for Onondaga Lake: River Upstream







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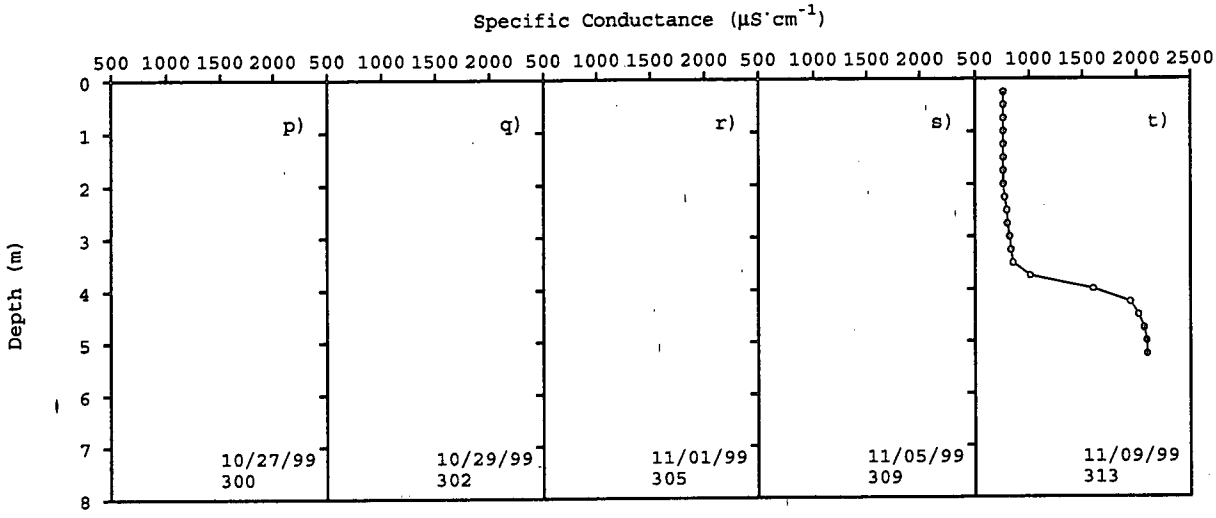
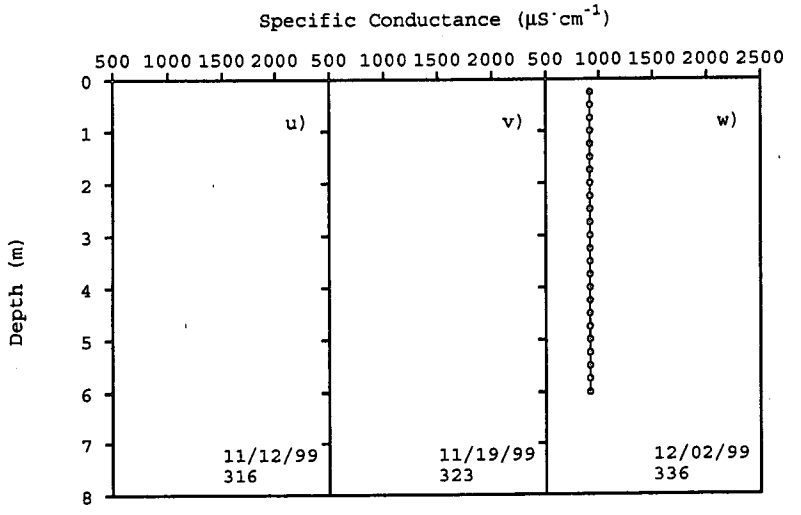
1999 Specific Conductance Profiles for Onondaga Lake: River Upstream





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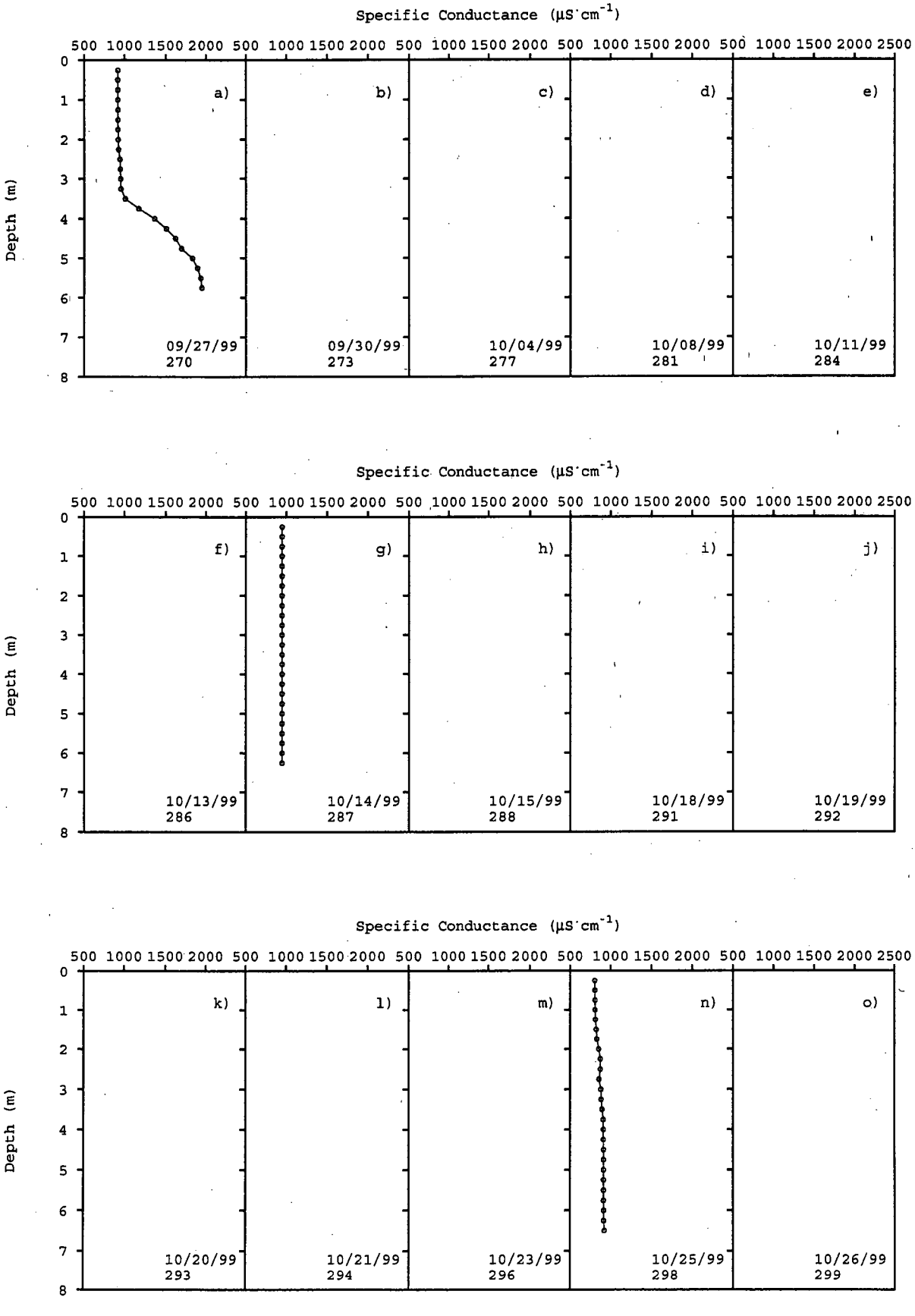

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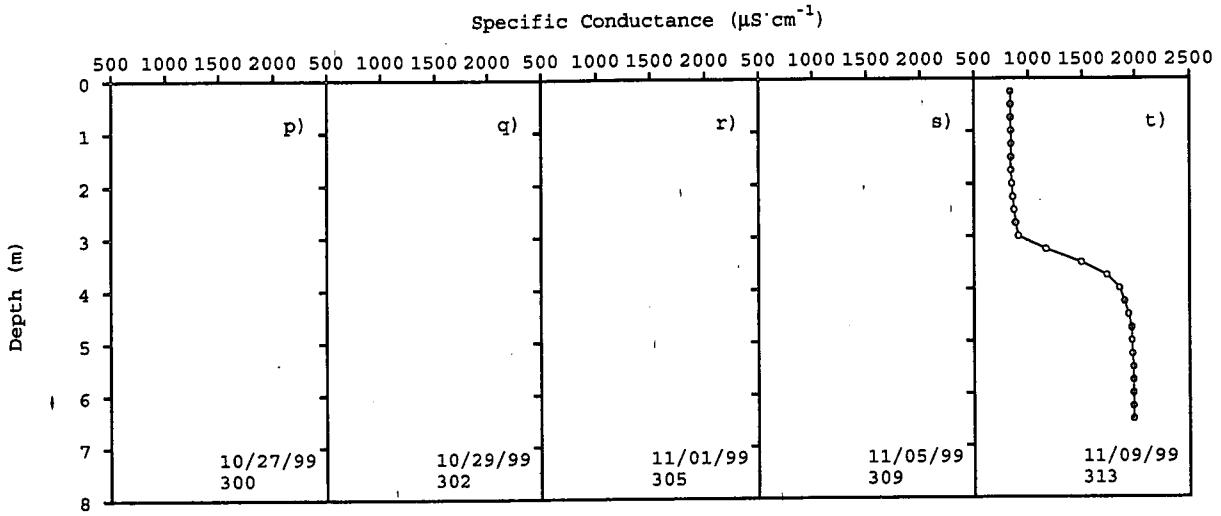

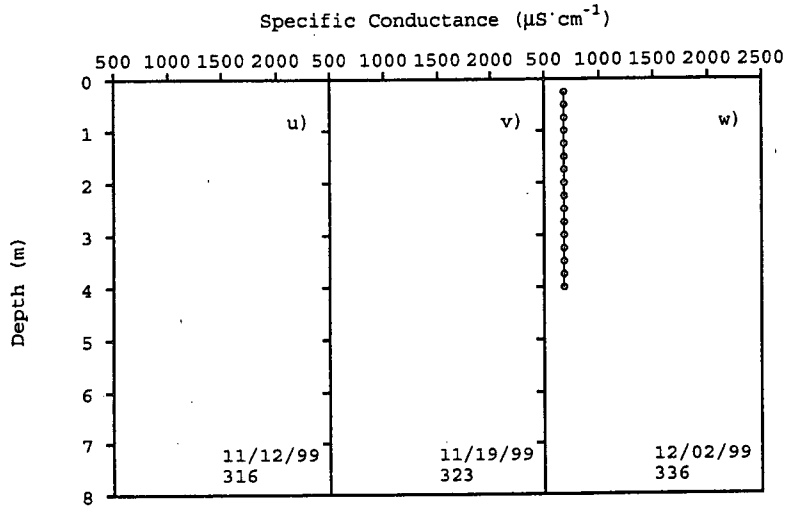

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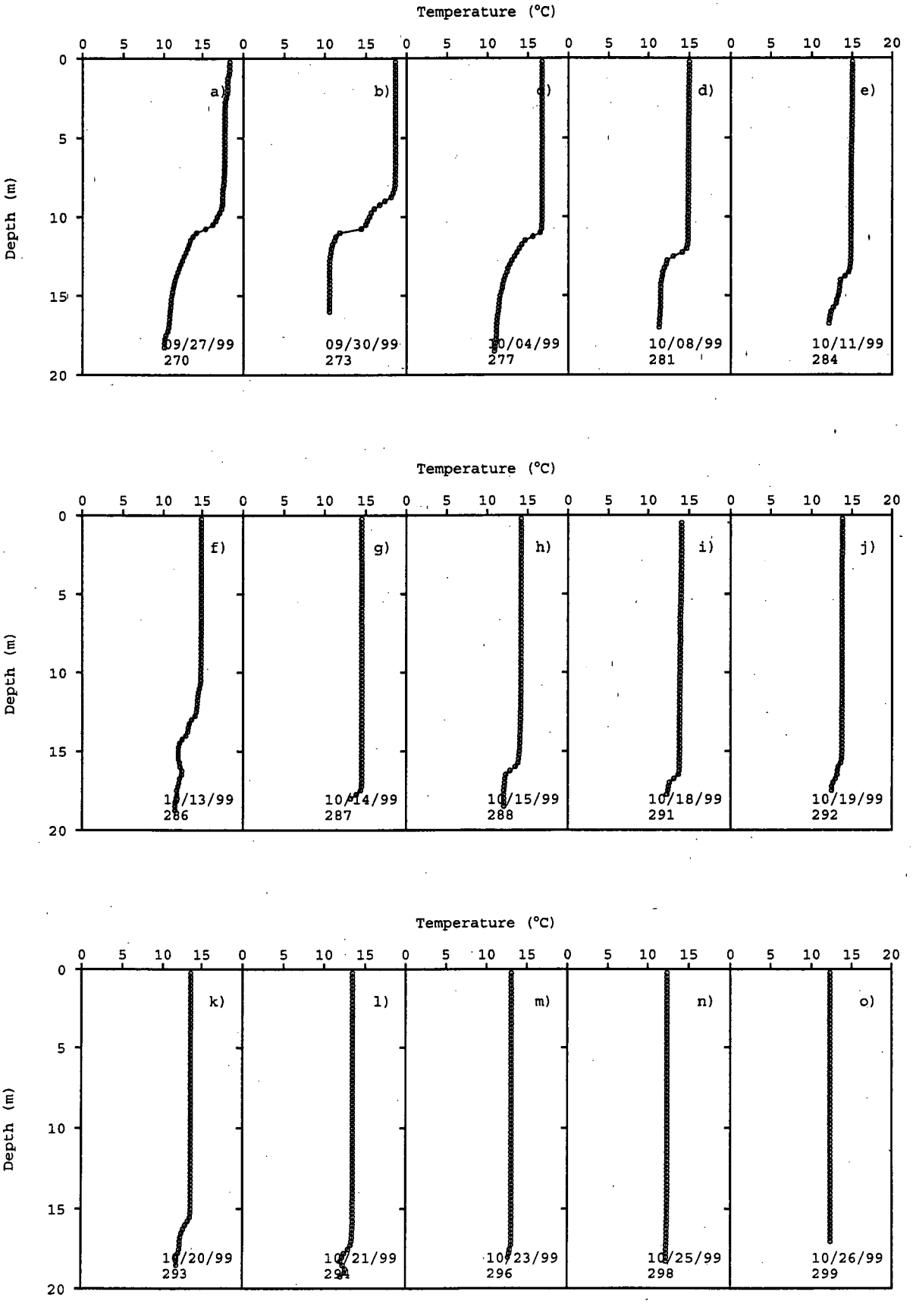

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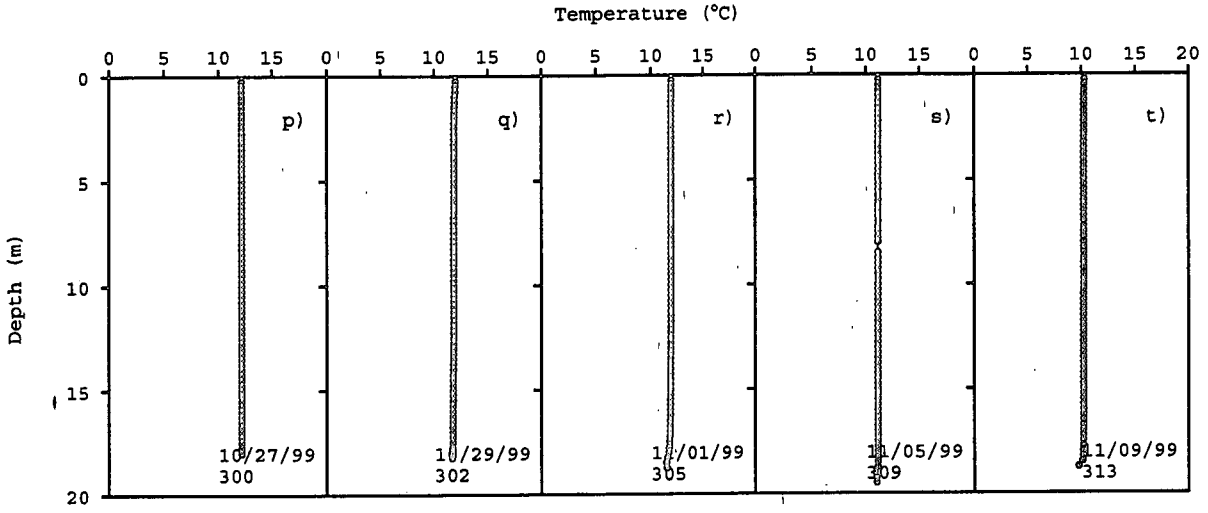

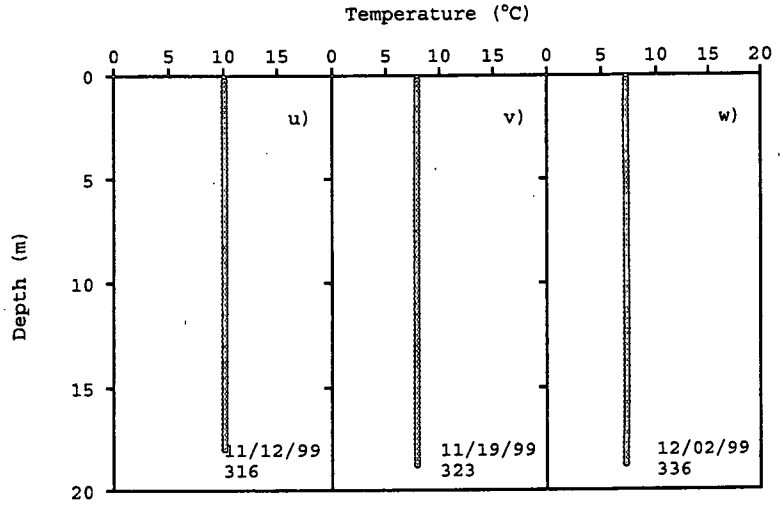

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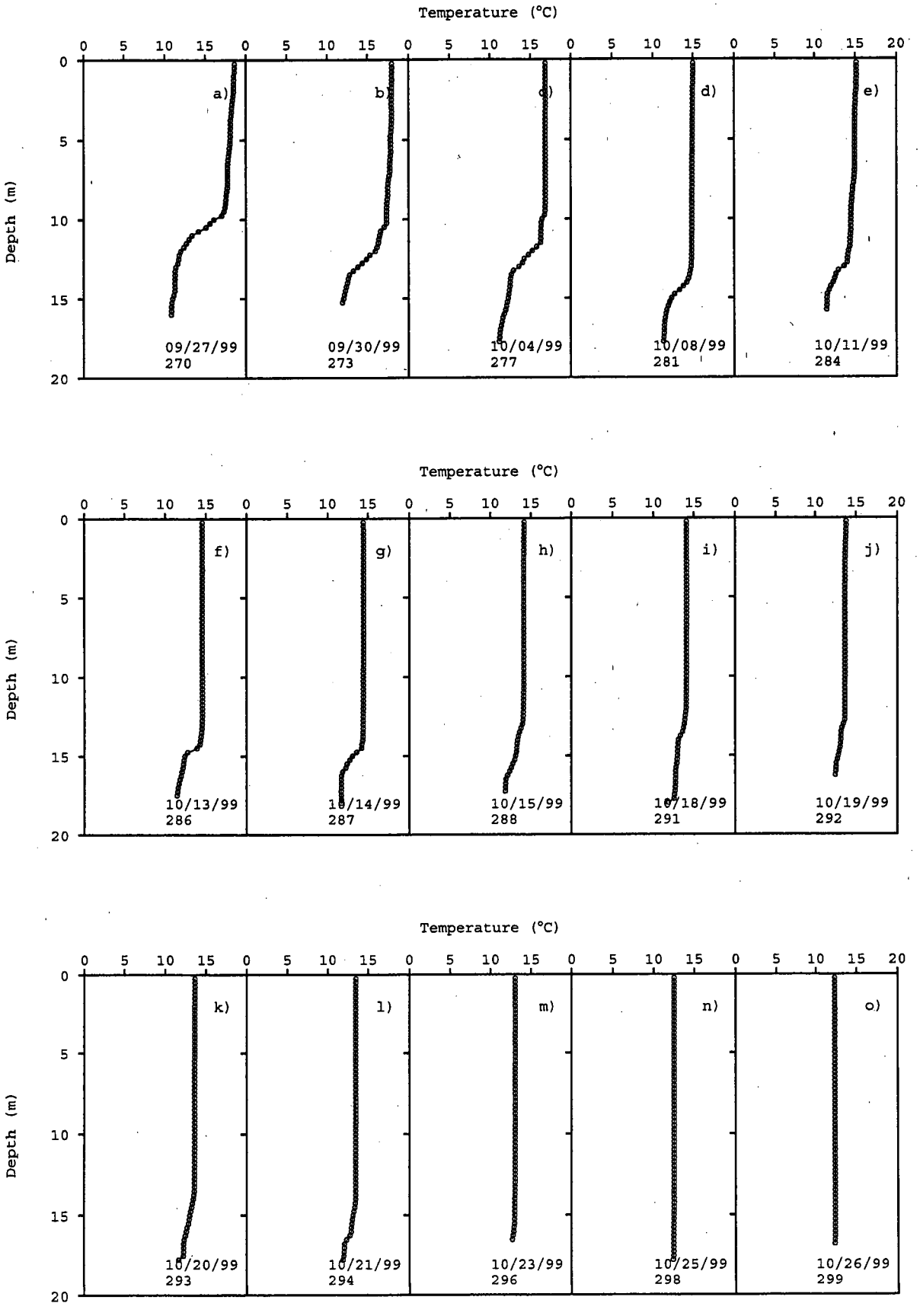

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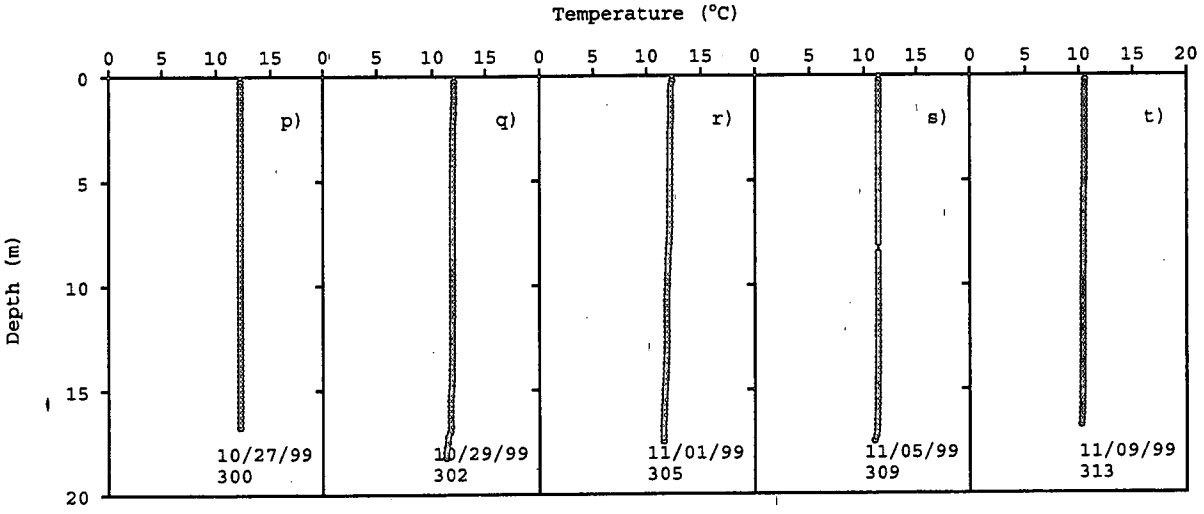
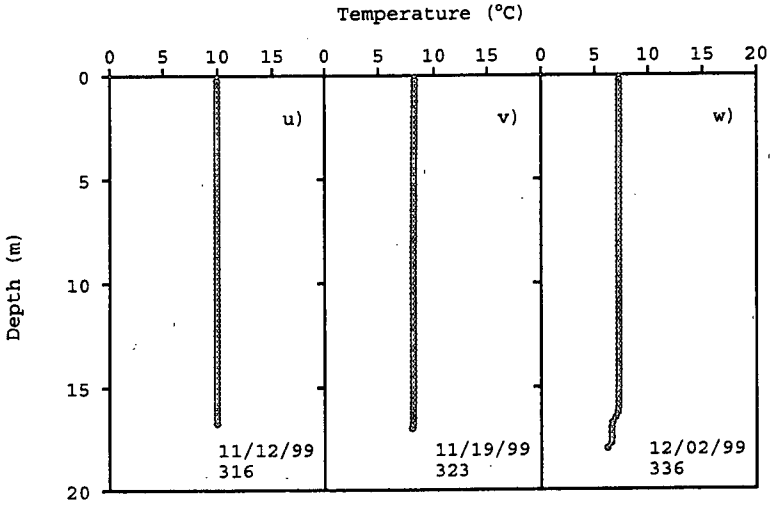
1999 Temperature Profiles for Onondaga Lake: North Deep





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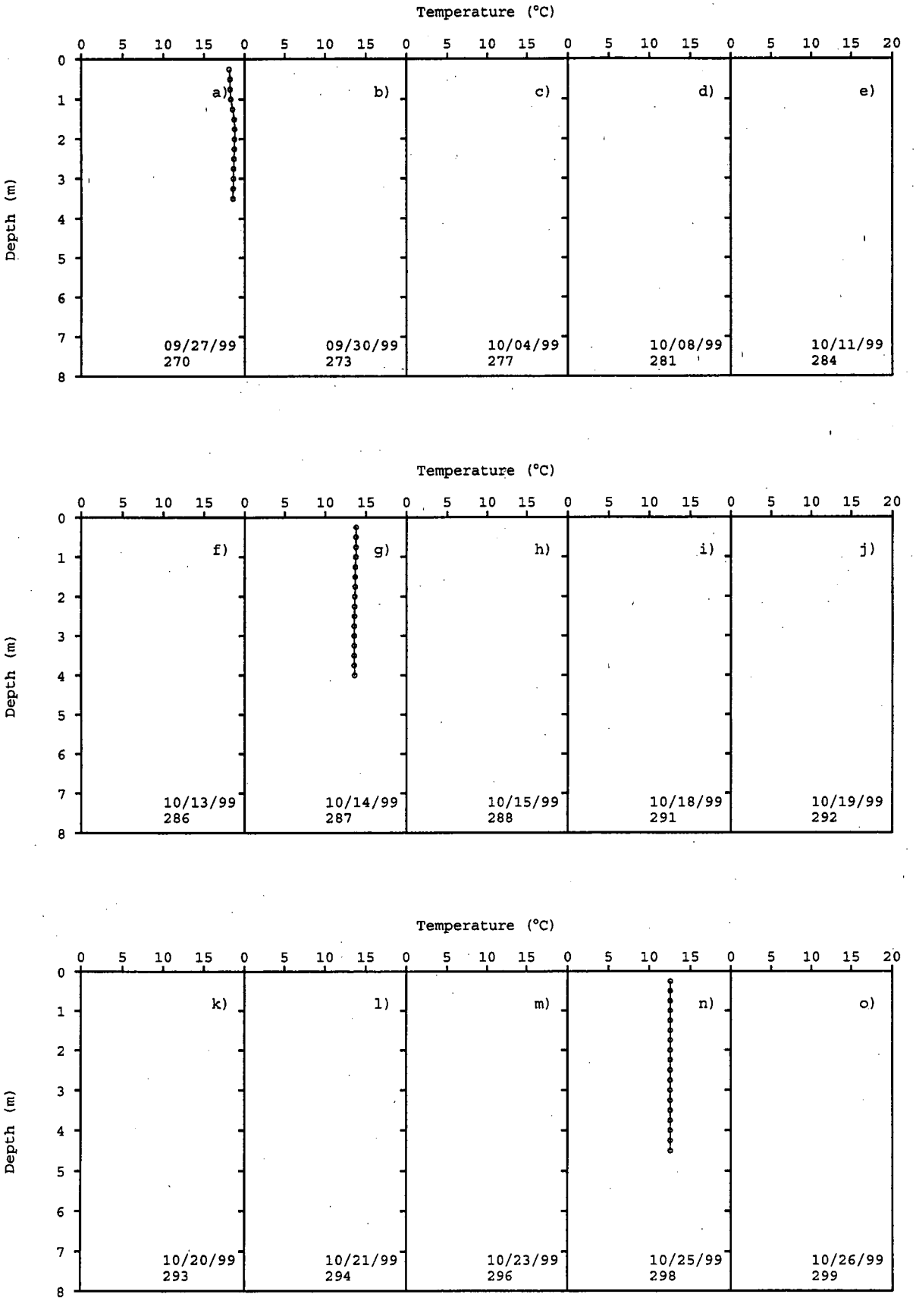

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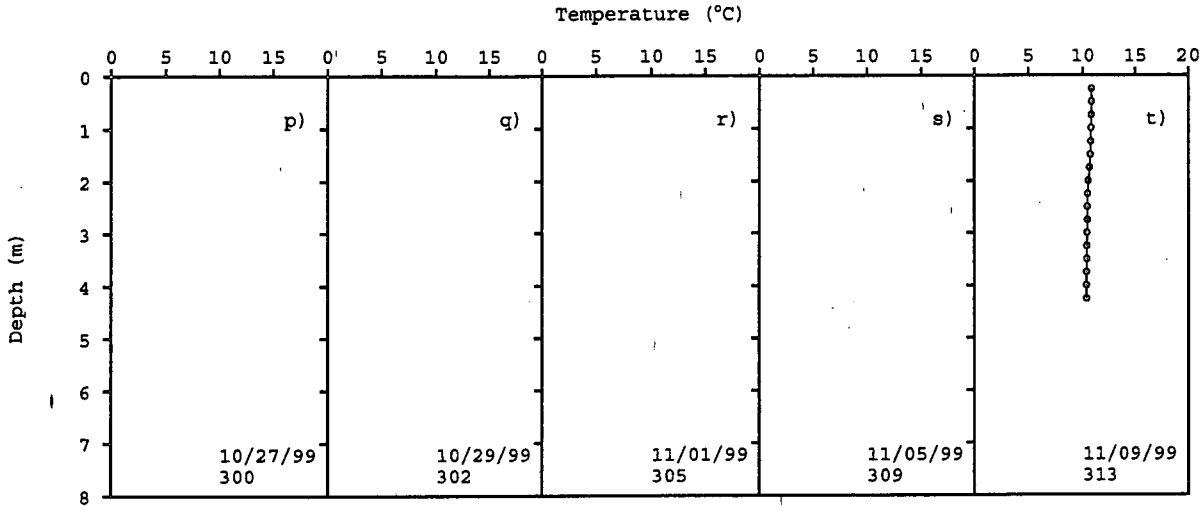

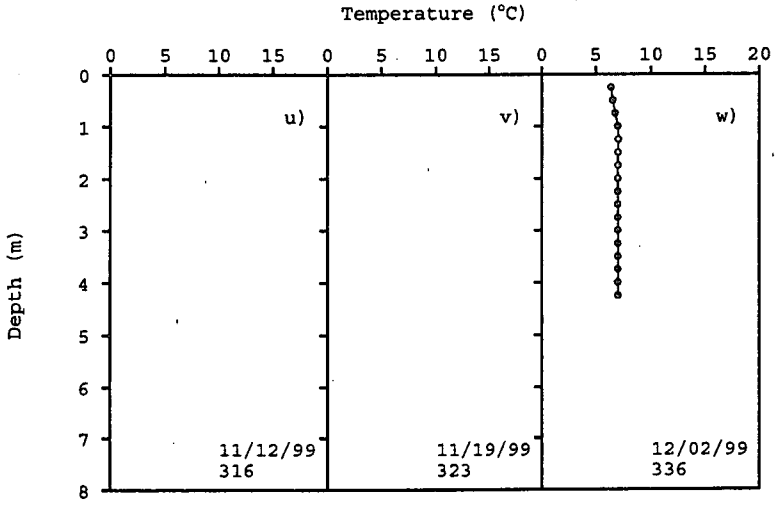

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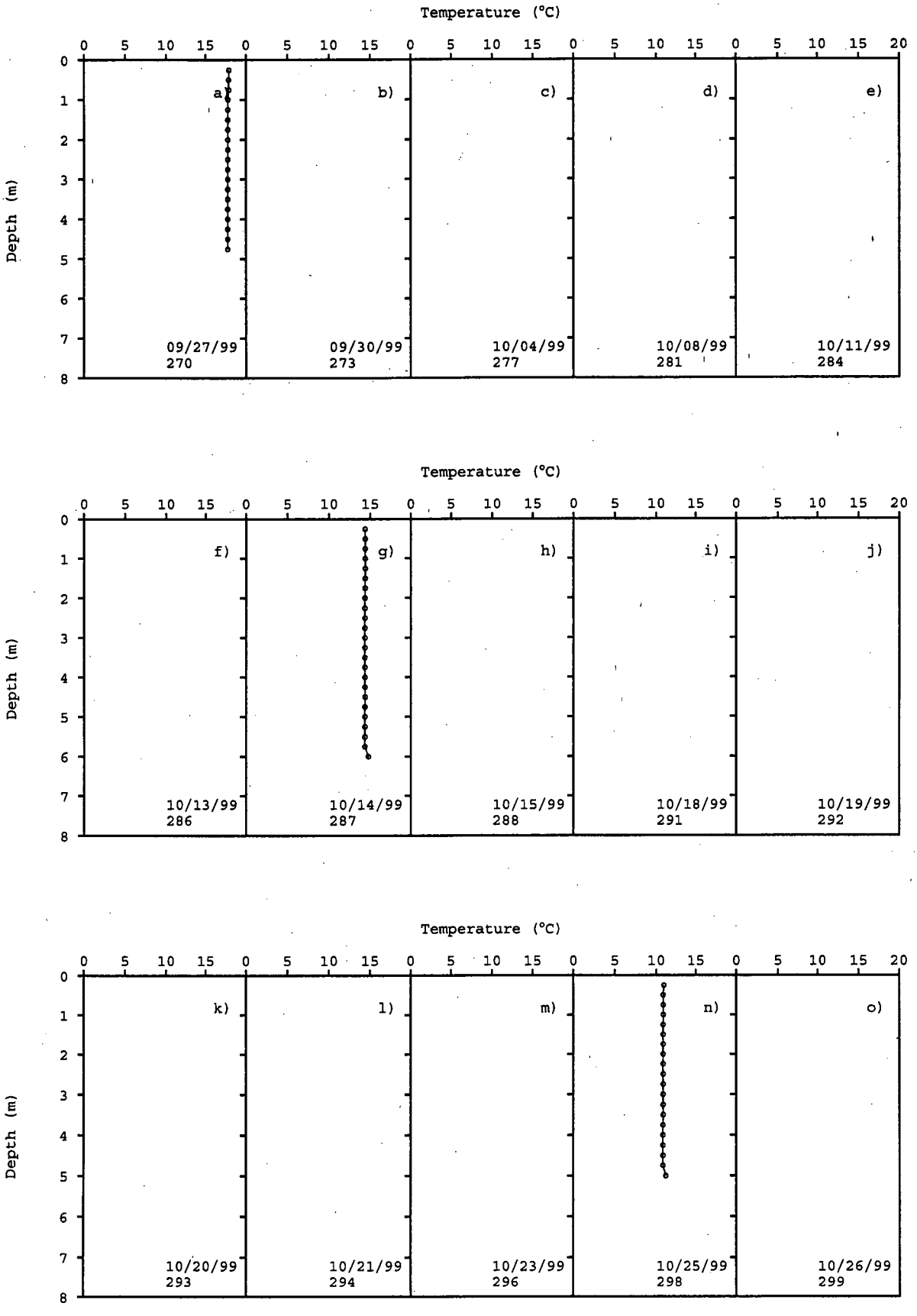
1999 Temperature Profiles for Onondaga Lake: River Upstream



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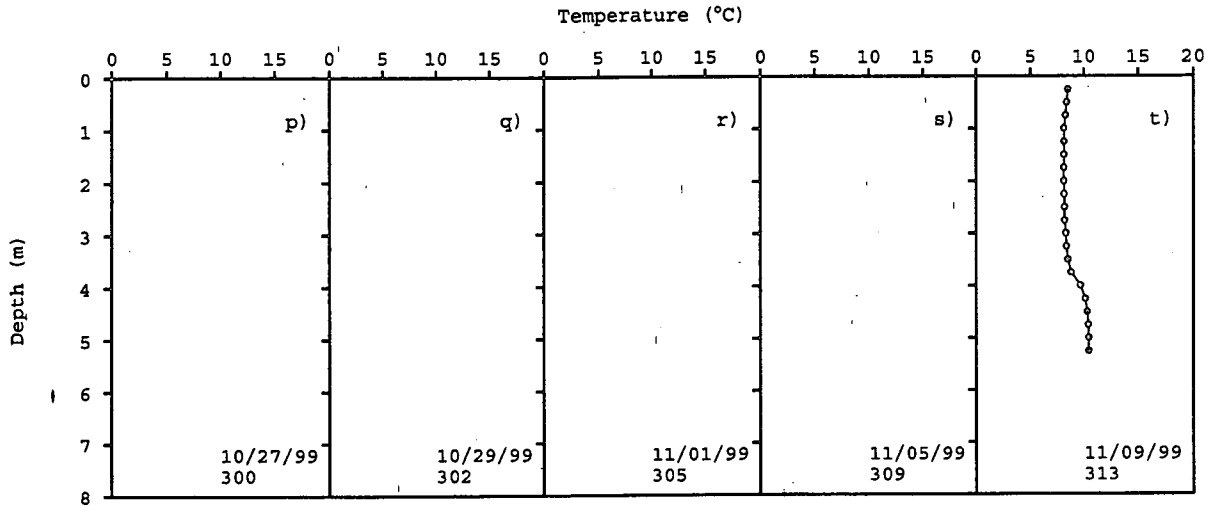
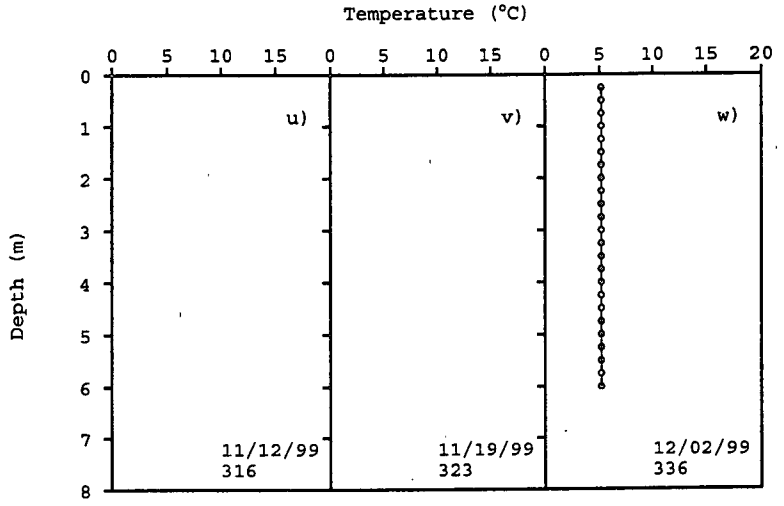
1999 Temperature Profiles for Onondaga Lake: River Upstream





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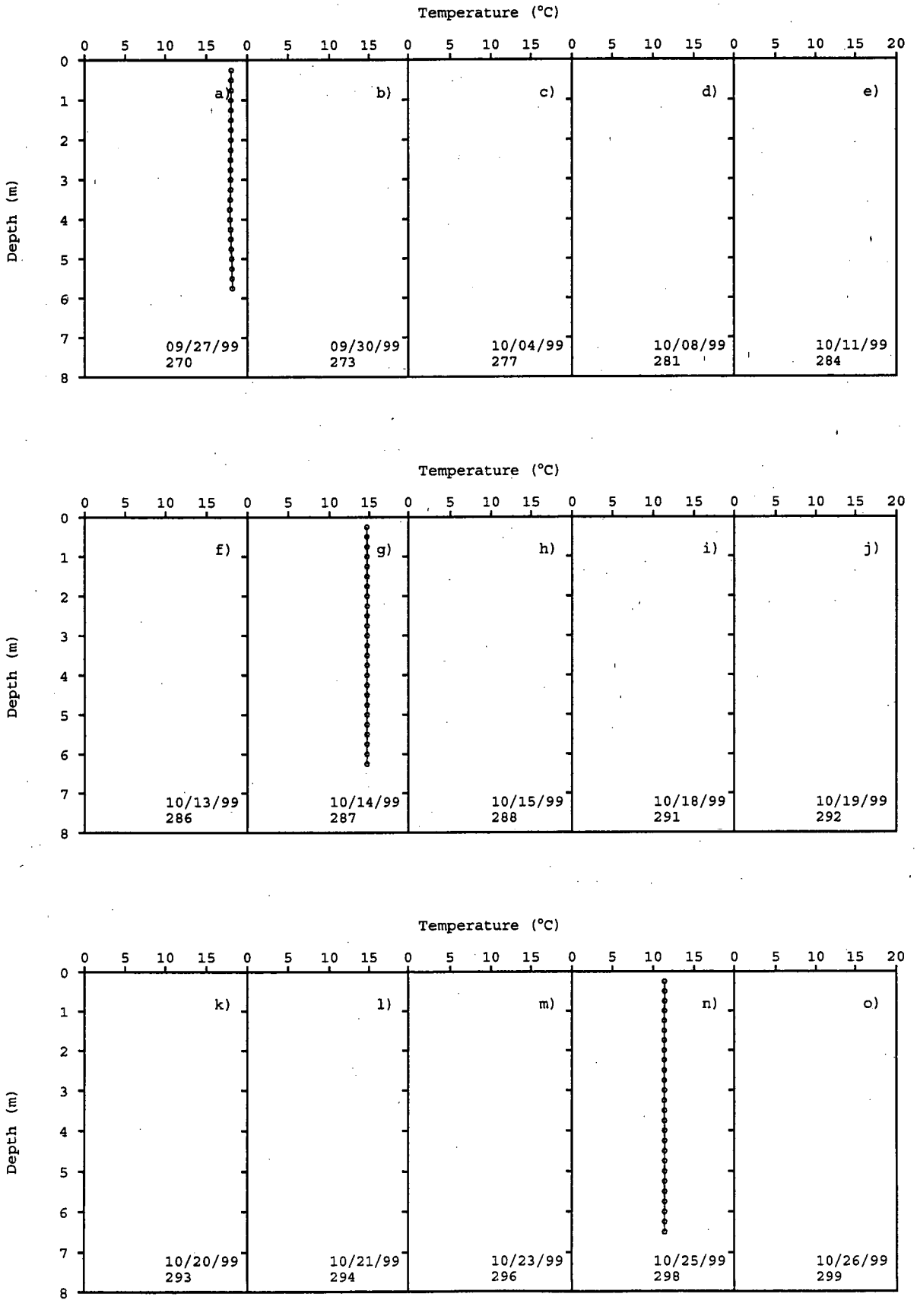
1999 Temperature Profiles for Onondaga Lake: River Downstream



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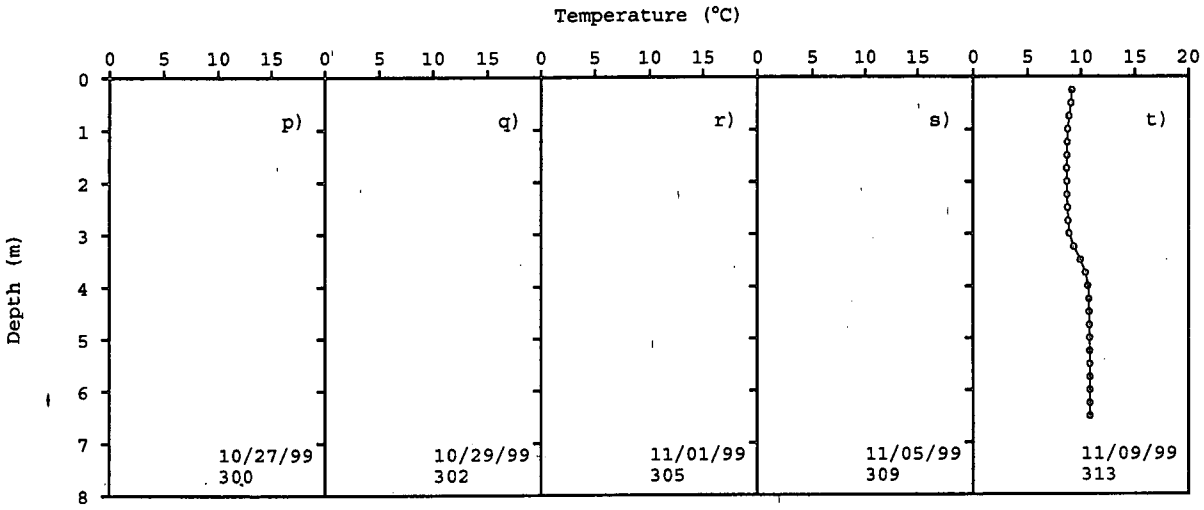
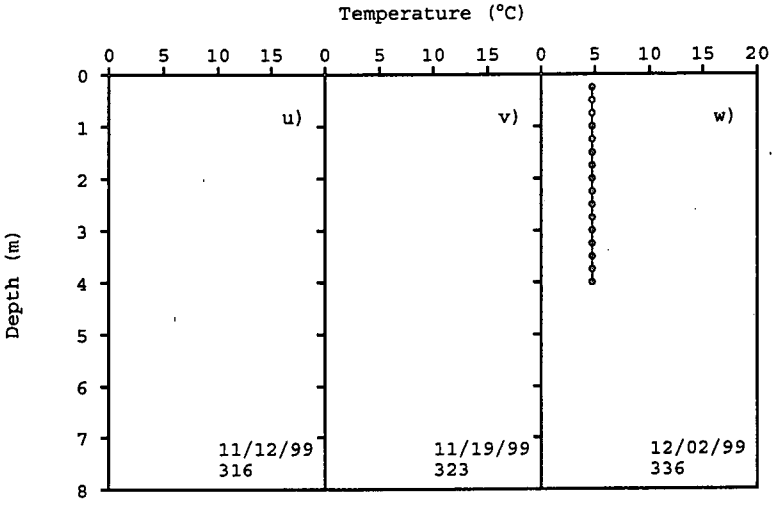
1999 Temperature Profiles for Onondaga Lake: River Downstream





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Appendix A6

Phase 2B Water Data and Validation Report (2001)

Table A6-1. Mercury and TSS Data for 2001 Phase 2B Supplemental Water Sampling

Station	Sample depth (m)	Water depth (m)	Date - Event	Latitude	Longitude	Hg (ng/L)	TSS (mg/L)	Sample Number	DEC ID
W1	1	19 (RUSS)	12/4/2001 - Calm	43 04.77N	76 11.89 W	3.57	<1.5	W1-1m-120401	D63803
W1	1	19 (RUSS)	12/4/2001 - Calm	43 04.77N	76 11.89 W	2.82		W1-1m-120401-dis	D63804
W1	6	19 (RUSS)	12/4/2001 - Calm	43 04.77N	76 11.89 W	4.22	5	W1-6m-120401	D63805
W60	1	3	12/4/2001 - Calm	43 05.15 N	76 11.56 W	4.52	4	W60-1m-120401	D63802
W61	1	19	12/4/2001 - Calm	43 04.54 N	76 11.71 W	5.09	3.5	W61-1m-120401	D63806
W62	1	15	12/4/2001 - Calm	43 04.24 N	76 11.48 W	4.45	6.5	W62-1m-120401	D63807
W63	1	6	12/4/2001 - Calm	43 04.09 N	76 11.36 W	9.02	5.5	W63-1m-120401	D63808
W63	4*	6	12/4/2001 - Calm	43 04.09 N	76 11.36 W	6.12	3	W63-4m-120401	D63809
W67	1	3	12/4/2001 - Calm	43 04.06 N	76 11.40 W	14.1	3	W67-1m-120401	D63810
W64	2	3 (RUSS)	12/4/2001 - Calm	43 04.05 N	76 11.33 W	4.89	4.5	W64-2m-120401	D63811
W64	2	3 (RUSS)	12/4/2001 - Calm	43 04.05 N	76 11.33 W	0.99		W64-2m-120401-dis	D63813
W65	1	2	12/4/2001 - Calm	43 03.93 N	76 11.22 W	14.8	<1.5	W65-1m-120401	D63815
W66	0.3	1	12/4/2001 - Calm	43 03.91 N	76 11.32 W	10.5	1.5	W66-0.3-120401	D63816
W68	0.3	1	12/4/2001 - Calm	43 04.03 N	76 11.47 W	10.2	3	W68-0.3-120401	D63817
W1	1	19 (RUSS)	12/18/2001 - Windy	43 04.77N	76 11.89W	3.72	1.5	W1-1m-121801	D63820
W1	1	19 (RUSS)	12/18/2001 - Windy	43 04.77N	76 11.89W	0.77		W1-1m-121801-dis	D63821
W1	4.5	19 (RUSS)	12/18/2001 - Windy	43 04.77N	76 11.89W	3.77	<1.5	W1-4.5m-121801	D63822
W60	1	3	12/18/2001 - Windy	43 05.15N	76 11.55W	4.7	<1.5	W60-1m-121801	D63819
W61	1	19	12/18/2001 - Windy	43 04.53N	76 11.69W	4.26	1.5	W61-1m-121801	D63823
W62	1	15	12/18/2001 - Windy	43 04.22N	76 11.46W	9.59	<1.5	W62-1m-121801	D63824
W63	1	6	12/18/2001 - Windy	43 04.09N	76 11.35W	14.9	1.5	W63-1m-121801	D63825
W63	4*	6	12/18/2001 - Windy	43 04.09N	76 11.35W	17.2	3.5	W63-4m-121801	D63826
W67	1	3	12/18/2001 - Windy	43 04.05N	76 11.37W	20.5	<1.5	W67-1m-121801	D63827
W64	2	3 (RUSS)	12/18/2001 - Windy	43 04.05N	76 11.33W	15.1	2	W64-2m-121801	D63828
W64	2	3 (RUSS)	12/18/2001 - Windy	43 04.05N	76 11.33W	1.01		W64-2m-121801-dis	D63830
W65	1	2	12/18/2001 - Windy	43 03.94N	76 11.29W	11.8	<1.5	W65-1m-121801	D63832
W66	0.3	1	12/18/2001 - Windy	43 03.90N	76 11.30W	49.4	3	W66-0.3-121801	D63833
W68	0.3	1	12/18/2001 - Windy	43 04.00N	76 11.47W	19.9	4.5	W68-0.3-121801	D63834
QA/QC SAMPLES									
W64	2	3 (RUSS)	12/4/2001 - Calm	43 04.05 N	76 11.33 W	4.89	5	W64-2m-120401-dup	D63812
W64	2	3 (RUSS)	12/4/2001 - Calm	43 04.05 N	76 11.33 W	1.1		W64-2m-120401-dis/dup	D63814
BLNK	NA	NA	12/4/2001 - Calm	-	-	0.44		BLNK-00-120301	D63801
W64	2	3 (RUSS)	12/18/2001 - Windy	43 04.05 N	76 11.33 W	21.9	<1.5	W64-2m-121801-dup	D63829
W64	2	3 (RUSS)	12/18/2001 - Windy	43 04.05 N	76 11.33 W	1.05		W64-2m-121801-dis/dup	D63831
BLNK	NA	NA	12/18/2001 - Windy	-	-	<0.33		BLNK-00-121801	D63818

Note: * The planned sample to be taken at a depth of 5 m at station W63 was changed and taken at 4 m during both events.

Table A6-2. RUSS Monitoring Data, November 2001 - December 2001

		East Flume RUSS			South Deep RUSS						
Date	Time	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Air Temperature (°C)	Wind Speed (m/s)	Wind Direction (Degrees from North)	Incident Light (W/m^2)
11/13/2001	0:20							1.55	2.6	141.19	0
11/13/2001	1:00							2.07	2.57	144.44	0
11/13/2001	2:00							2.7	2	139.71	0
11/13/2001	3:00							3.13	1.67	152.14	0
11/13/2001	4:00							3.43	2	142.31	0
11/13/2001	5:00							2.8	2.67	117.99	0
11/13/2001	6:00							2.63	2.2	107.24	0
11/13/2001	7:00							3.07	1.53	99.85	21.63
11/13/2001	8:00							4.73	1.57	124.72	148.9
11/13/2001	9:00							7	2.57	210.39	283.97
11/13/2001	10:00							8.73	3.9	215.74	386.5
11/13/2001	11:00							10.03	5.2	219.6	441.2
11/13/2001	12:00							10.93	4.27	209.48	452.57
11/13/2001	13:00							11.97	3.7	227.02	385.6
11/13/2001	14:00							12.77	3.2	214.26	312.47
11/13/2001	15:00							13.03	2.9	206.76	141.93
11/13/2001	16:00							12.67	2.3	195.95	54.83
11/13/2001	17:00							11.47	1.9	154.55	0.93
11/13/2001	18:00							10.93	1.23	144.16	0
11/13/2001	19:00							10.97	2.47	155.16	0
11/13/2001	20:00							11.2	2.8	182.23	0
11/13/2001	21:00							10.83	2.83	187.1	0
11/13/2001	22:00							10.73	2.37	171.58	0
11/13/2001	23:00							10.38	2.8	125.91	0
11/14/2001	0:20							10.75	2.8	152.4	0
11/14/2001	1:00							10.43	2.3	116.84	0
11/14/2001	2:00							10.37	1.67	177.66	0
11/14/2001	3:00							10.37	3.1	174.19	0
11/14/2001	4:00							10.87	2.23	187.68	0
11/14/2001	5:00							11.27	2.47	239.71	0
11/14/2001	6:00							11.2	1.97	236.48	0
11/14/2001	7:00							10.57	2	171.19	3.67
11/14/2001	8:00							10.17	2.13	137.43	17.17
11/14/2001	9:00							9.9	2.67	162.88	51.2
11/14/2001	10:00							10.3	2.87	209.04	44.5
11/14/2001	11:00							10.7	3.1	219.37	66.77
11/14/2001	11:13				9.92	2297	0.8				
11/14/2001	12:00							11.67	4.13	217.68	200.2
11/14/2001	13:20							13.25	4.25	229.24	273.75
11/14/2001	14:00							13.6	3.5	244.21	105.37
11/14/2001	15:00	9.92	2236	1.6				13.83	2.83	242.28	49.63
11/14/2001	16:00	9.91	2237	1.5				13.23	1.27	191.88	21.47
11/14/2001	17:00	9.86	2239	1.3				13.37	1.53	180.69	0.1
11/14/2001	18:00	9.96	2235	1.9				12.3	1.2	139.07	0
11/14/2001	19:00	9.93	2233	1.7				10.17	0.37	280.62	0
11/14/2001	20:00	10.09	2226	2.1				9.83	1.03	315.96	0
11/14/2001	21:00	9.99	2234	1.2				9.77	0.4	308.54	0
11/14/2001	22:00	9.96	2231	1.9				10	0.27	293.03	0
11/14/2001	23:00	9.93	2232	1.4				10.1	0.55	344.92	0
11/15/2001	0:00	9.92	2234	1.8							
11/15/2001	0:20							12.05	1.65	249.34	0
11/15/2001	1:00	9.92	2237	2.0				12.23	1.03	260.24	0
11/15/2001	2:00	9.9	2238	1.9				11.97	1.03	295.91	0
11/15/2001	3:00	9.9	2239	1.9				12.33	2.33	266.67	0
11/15/2001	4:00	9.9	2240	1.5				11.93	1.83	255.71	0
11/15/2001	5:00	9.91	2242	1.8				12.2	2.3	254.73	0
11/15/2001	6:00	9.91	2242	1.5				12.6	1.8	253.08	0

Table A6-2. (cont.)

		East Flume RUSS			South Deep RUSS						
Date	Time	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Air Temperature (°C)	Wind Speed (m/s)	Wind Direction (Degrees from North)	Incident Light (W/m^2)
11/15/2001	7:00	9.91	2242	1.9				12.9	2.47	221.78	3.97
11/15/2001	8:00	9.92	2243	1.9				13.47	2.6	238.47	29.83
11/15/2001	9:00	9.93	2243	1.9				13.87	2.03	225.07	74.2
11/15/2001	10:00	10.05	2224	1.4				14.9	4.1	229.02	201.33
11/15/2001	11:00	10.08	2230	1.5				15.63	5.37	256.59	273.53
11/15/2001	11:13				9.93	2292	0.8				
11/15/2001	12:00	10.1	2235	1.7				15.23	4.33	237.6	123.03
11/15/2001	13:00	10.08	2237	2.4				15.8	3.73	215.9	72.67
11/15/2001	14:00	9.95	2242	1.7				16.33	4.4	220.5	55.93
11/15/2001	15:00	9.95	2243	2.4				16.6	4.57	218.51	33.7
11/15/2001	16:00	10.2	2238	1.6				16.27	4.2	213.88	8.43
11/15/2001	17:00	10.15	2239	1.4				15.7	4.1	208.87	0
11/15/2001	18:00	10.22	2236	1.4				14.93	4.53	207.92	0
11/15/2001	19:00	10.16	2239	1.6				15.5	4.97	227.43	0
11/15/2001	20:00	10.12	2240	1.5				15.93	5.13	237.62	0
11/15/2001	21:00	10.11	2242	1.6				16.17	4.53	236.45	0
11/15/2001	22:00	10.13	2244	1.5				16.57	4.93	234.35	0
11/15/2001	23:00	10.11	2247	2.0				16.78	5.35	236.46	0
11/16/2001	0:00	10.15	2246	2.3							
11/16/2001	0:20							16.7	5.8	239.05	0
11/16/2001	1:00	10.13	2249	3.0				16.77	5.4	241.16	0
11/16/2001	2:00	10.13	2250	1.5				16.67	4.9	246.25	0
11/16/2001	3:00	10.12	2250	1.4				16.5	4.6	250.66	0
11/16/2001	4:00	10.12	2250	2.1				16.23	4.4	265.81	0
11/16/2001	5:00	10.12	2250	1.9				15.77	4.2	268.02	0
11/16/2001	6:00	10.12	2251	1.9				15.1	3.87	268.3	0
11/16/2001	7:00	10.12	2251	2.1				14.7	4.83	272.12	5.67
11/16/2001	8:00	10.06	2252	1.8				14.73	6.07	278.38	58.3
11/16/2001	9:00	10.09	2252	1.8				14.2	6.77	297.09	121.77
11/16/2001	10:00	10.16	2252	2.2				13.3	6.9	308.91	266.93
11/16/2001	11:00	10.2	2252	1.7				13.2	7.5	319.95	385.57
11/16/2001	11:12				10.05	2291	1.0				
11/16/2001	12:00	10.22	2252	1.6				12.57	7.13	322.81	241.27
11/16/2001	13:00	10.21	2251	1.9				12.17	5	326.84	179.77
11/16/2001	14:00	10.21	2252	2.0				11.87	5.67	347.94	191.8
11/16/2001	15:00	10.22	2252	2.4				11.63	4.9	340.77	126.9
11/16/2001	16:00	10.19	2252	2.1				10.97	4.7	339.76	29.43
11/16/2001	17:00	10.44	2238	2.7				10.03	3.73	339.48	0.27
11/16/2001	18:00	10.56	2231	2.9				9.17	3.73	341.26	0
11/16/2001	19:00	10.45	2235	2.8				8.1	3.37	342.48	0
11/16/2001	20:00	10.64	2205	2.7				7.2	2.93	335.54	0
11/16/2001	21:00	10.61	2199	3.0				6.07	3.13	349.16	0
11/16/2001	22:00	10.67	2188	3.5				5.43	3.43	347.11	0
11/16/2001	23:00	10.72	2174	3.5				4.32	2.85	3.86	0
11/17/2001	0:00	10.71	2178	3.7							
11/17/2001	0:20							3.55	1.1	38.56	0
11/17/2001	1:00	10.36	2207	2.8				3.13	1.57	345.6	0
11/17/2001	2:00	10.27	2237	2.1				2.63	1.53	357.09	0
11/17/2001	3:00	10.27	2246	2.4				1.6	2.13	268.18	0
11/17/2001	4:00	10.22	2254	2.7				0.9	2.8	263.47	0
11/17/2001	5:00	10.21	2253	2.4				1.23	1.6	262.09	0
11/17/2001	6:00	10.17	2255	2.0				1.1	1.53	251.3	0
11/17/2001	7:00	10.16	2252	2.1				0.87	1.4	182.41	18
11/17/2001	8:00	10.12	2242	2.6				1.43	2	140.23	149.9
11/17/2001	9:00	10.09	2211	3.0				2.7	1.4	93.16	251.57
11/17/2001	10:00	10.13	2238	2.3				3.47	2.17	109.77	363.6
11/17/2001	11:00	10.16	2248	1.5				5.43	0.47	99.81	428.9
11/17/2001	11:13				10.05	2288	0.5				

Table A6-2. (cont.)

		East Flume RUSS			South Deep RUSS						
Date	Time	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Air Temperature (°C)	Wind Speed (m/s)	Wind Direction (Degrees from North)	Incident Light (W/m^2)
11/17/2001	12:00	10.16	2250	2.4				5.7	1.07	5.74	431.73
11/17/2001	13:00	10.19	2250	2.5				7	1.13	327.41	400.93
11/17/2001	14:00	10.24	2251	2.4				7.97	0.87	25.45	301.13
11/17/2001	15:00	10.28	2249	2.0				8.77	1.13	31.95	174.6
11/17/2001	16:00	10.3	2247	2.3				8.97	1.5	44.9	53.43
11/17/2001	17:00	10.28	2249	3.0				7.37	2.67	87.58	1.73
11/17/2001	18:00	10.29	2248	3.0				7.1	1.73	79.61	0
11/17/2001	19:00	10.94	2163	2.9				6.6	2.47	102	0
11/17/2001	20:00	10.34	2247	2.3				5.87	2.67	141.64	0
11/17/2001	21:00	10.22	2247	2.4				4.87	2.9	145.37	0
11/17/2001	22:00	10.17	2250	3.0				4.37	1.73	139.62	0
11/17/2001	23:00	10.14	2232	1.9				4.12	1.08	87.13	0
11/18/2001	0:00	10.03	2244	1.5							
11/18/2001	0:20							3.15	2	84.66	0
11/18/2001	1:00	10.08	2229	1.8				3	2	88.24	0
11/18/2001	2:00	10.01	2245	1.9				2.73	1.47	95.91	0
11/18/2001	3:00	10.01	2246	1.8				2.4	1.73	98.05	0
11/18/2001	4:00	10.01	2247	2.1				2.4	1.07	71.16	0
11/18/2001	5:00	10.03	2244	1.9				2.2	1.3	92.06	0
11/18/2001	6:00	10.05	2248	1.5				2.23	1.43	100.76	0
11/18/2001	7:00	10.06	2245	1.5				2.9	1.13	101.79	16.6
11/18/2001	8:00	10.02	2248	2.1				3.67	1.2	103.02	134.73
11/18/2001	9:00	10	2236	2.0				6.3	0.33	67.55	259.87
11/18/2001	10:00	10.03	2241	1.5				7.8	0.67	311.03	361
11/18/2001	11:00	10.07	2247	3.0				9.87	0.93	313.97	425.2
11/18/2001	11:12				9.95	2290	0.6				
11/18/2001	12:00	10.09	2248	2.6				12.8	1.37	27.35	414.4
11/18/2001	13:00	10.14	2248	2.9				14.33	1.33	22.97	346.9
11/18/2001	14:00	10.18	2225	3.2				14.73	1.43	26.52	286.1
11/18/2001	15:00	10.2	2202	2.6				15.83	0.53	57.32	146.83
11/18/2001	16:00	10.22	2197	1.8				13.87	0.17	151.69	29.77
11/18/2001	17:00	10.24	2195	1.8				13.13	1.73	120.56	0.07
11/18/2001	18:00	10.23	2228	2.3				11.73	0.47	28.9	0
11/18/2001	19:00	10.18	2235	2.1				10.3	0.57	342.23	0
11/18/2001	20:00	10.15	2233	2.4				10.07	0.87	343.03	0
11/18/2001	21:00	10.17	2249	1.8				9.37	0.67	321.58	0
11/18/2001	22:00	10.15	2249	1.4				9.27	0.5	336.98	0
11/18/2001	23:00	10.18	2249	1.3				11.4	0.78	147.87	0
11/19/2001	0:00	10.2	2248	1.4							
11/19/2001	0:20							10.5	0.55	73.99	0
11/19/2001	1:00	10.23	2248	1.0				10.47	1.6	105.01	0
11/19/2001	2:00	10.21	2246	1.2				10.37	2.4	116.63	0
11/19/2001	3:00	10.16	2250	2.0				10.3	2.03	122.24	0
11/19/2001	4:00	10.12	2250	1.5				9.9	2	112.12	0
11/19/2001	5:00	10.07	2252	1.4				9.87	2.8	122.15	0
11/19/2001	6:00	10.1	2251	1.2				10.13	2.2	124.3	0
11/19/2001	7:00	10.07	2250	1.3				9.97	2.57	101.22	4.6
11/19/2001	8:00	9.99	2244	1.5				10.63	1.87	94.42	85.97
11/19/2001	9:00	10.02	2245	1.4				13.17	3.47	176.58	200.7
11/19/2001	10:00	10.04	2233	2.0				14.8	5	197.92	316.17
11/19/2001	11:00	10.08	2236	2.5				16.63	5.37	204.04	394.1
11/19/2001	12:00	10.05	2245	2.6				17.53	5.6	203	365.13
11/19/2001	13:00	10.19	2242	2.4				17.6	6.77	196.56	327.5
11/19/2001	14:00	10.2	2247	2.0				17.6	6.07	184.09	227.83
11/19/2001	15:00	10.17	2249	2.3				17.83	4.93	188.9	113.3
11/19/2001	16:00	10.07	2253	2.2				17.4	5.6	186.56	24.07
11/19/2001	17:00	9.98	2257	2.1				16.97	6.37	189.7	0.27
11/19/2001	18:00	9.95	2259	3.0				16.97	7.9	192.56	0

Table A6-2. (cont.)

		East Flume RUSS			South Deep RUSS						
Date	Time	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Air Temperature (°C)	Wind Speed (m/s)	Wind Direction (Degrees from North)	Incident Light (W/m^2)
11/19/2001	19:00	9.96	2259	2.4				16.8	7.83	208.38	0
11/19/2001	20:00	9.99	2260	2.5				16.1	7.7	221.59	0
11/19/2001	21:00	9.99	2263	2.7				14.6	6.53	215.6	0
11/19/2001	22:00	10.02	2262	2.2				8.8	9.63	289.24	0
11/19/2001	23:00	10.01	2260	2.1				6.55	7.38	278.15	0
11/20/2001	0:00	9.98	2259	2.0							
11/20/2001	0:20							5.65	5.1	263.93	0
11/20/2001	1:00	9.94	2261	2.1				5.6	4.87	257.22	0
11/20/2001	2:00	9.83	2266	2.1				5.6	5.97	272.17	0
11/20/2001	3:00	9.74	2270	2.3				5.17	4.67	268.36	0
11/20/2001	4:00	9.81	2265	2.1				4.87	4.7	254.07	0
11/20/2001	5:00	9.81	2261	1.9				3.97	5.83	278.76	0
11/20/2001	6:00	9.66	2273	2.2				3.67	5.77	275.91	0
11/20/2001	7:00	9.67	2269	2.4				2.57	5.13	300.12	3.13
11/20/2001	8:00	9.76	2261	1.9				2.67	4.37	274.5	48.67
11/20/2001	9:00	9.67	2263	1.9				2.07	4.83	265.32	66.87
11/20/2001	10:00	9.7	2262	2.6				2.4	5.33	261.34	126.97
11/20/2001	11:00	9.71	2261	1.9				1.87	4.6	269.95	73
11/20/2001	11:13				9.89	2287	0.8				
11/20/2001	12:00	9.73	2258	1.9				1.93	4.87	264.92	141.63
11/20/2001	13:00	9.78	2256	2.6				2.6	5.83	269.47	129.63
11/20/2001	14:00	9.75	2257	1.8				2.13	5.77	262.87	82.33
11/20/2001	15:00	9.73	2257	2.4				3.07	5.6	272.46	167.83
11/20/2001	16:00	9.77	2255	2.3				3.37	6.83	281.97	27.23
11/20/2001	17:00	9.7	2255	1.9				2.2	5.3	287.38	0
11/20/2001	18:00	9.69	2258	2.2				1.77	5.7	271.34	0
11/20/2001	19:00	9.68	2258	2.5				1.97	5.47	261.93	0
11/20/2001	20:00	9.66	2258	2.5				2.4	4.8	258.49	0
11/20/2001	21:00	9.62	2257	2.4				2.57	4	251.76	0
11/20/2001	22:00	9.61	2256	2.0				2.7	4.6	257.08	0
11/20/2001	23:00	9.59	2257	2.3				2.52	4.2	256.33	0
11/21/2001	0:00	9.64	2251	2.2							
11/21/2001	0:20							2.35	3.65	252.38	0
11/21/2001	1:00	9.63	2248	2.3				2.33	3.2	255.14	0
11/21/2001	2:00	9.61	2245	2.2				2.63	2.9	259.01	0
11/21/2001	3:00	9.58	2246	2.7				2.8	2.23	258	0
11/21/2001	4:00	9.54	2245	3.1				3.2	2.93	254.37	0
11/21/2001	5:00	9.55	2245	3.0				3.43	4.87	261.88	0
11/21/2001	6:00	9.48	2248	3.1				3.13	3.37	246.59	0
11/21/2001	7:00	9.49	2247	3.0				2.87	3.37	242.4	14.03
11/21/2001	8:00	9.43	2243	2.5				3.33	4.2	209.64	124.63
11/21/2001	9:00	9.44	2243	2.6				3.93	4.5	194.85	182.93
11/21/2001	10:00	9.45	2243	2.8				4.7	3.83	195.22	213.3
11/21/2001	11:00	9.47	2245	2.8				5.83	4.2	184.49	348.37
11/21/2001	12:00	9.51	2247	2.6				6.73	4.73	192.27	347.77
11/21/2001	12:12				9.58	2285	4.7				
11/21/2001	13:00	9.53	2247	2.4				7.27	4	187.4	265.7
11/21/2001	14:00	9.55	2248	2.4				8.03	5.07	207.94	219.17
11/21/2001	15:00	9.52	2249	2.2				8.3	4.57	217.19	100.9
11/21/2001	16:00	9.49	2248	2.1				8.2	4.03	221.74	30.37
11/21/2001	17:00	9.38	2248	2.4				7.83	3.4	197.87	0.1
11/21/2001	18:00	9.35	2248	2.5				7.23	3.47	167.23	0
11/21/2001	19:00	9.18	2248	3.5				6.73	3.73	184.97	0
11/21/2001	20:00	9.17	2248	3.0				6.9	3	205.33	0
11/21/2001	21:00	9.17	2247	3.0				7.2	4	209.85	0
11/21/2001	22:00	9.15	2248	3.0				7.67	5.63	205.66	0
11/21/2001	23:00	9.1	2251	3.4				7.65	4.08	226.73	0
11/22/2001	0:00	8.95	2251	3.5							

Table A6-2. (cont.)

		East Flume RUSS			South Deep RUSS						
Date	Time	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Air Temperature (°C)	Wind Speed (m/s)	Wind Direction (Degrees from North)	Incident Light (W/m^2)
11/22/2001	0:20							7.3	2.55	245.76	0
11/22/2001	1:00	8.88	2251	2.8				7.17	3.17	215.85	0
11/22/2001	2:00	9.19	2250	1.9				7.43	3.67	214.27	0
11/22/2001	3:00	9.28	2249	1.9				7.83	3.7	226.91	0
11/22/2001	4:00	9.3	2251	1.6				7.8	3.63	228.03	0
11/22/2001	5:00	9.29	2251	1.9				7.33	2.73	222.09	0
11/22/2001	6:00	9.27	2251	1.6				6.7	2.1	224.93	0
11/22/2001	7:00	9.28	2252	1.6				6.33	2.73	216.69	9.47
11/22/2001	8:00	9.29	2252	1.7				6.8	2.8	214.87	103.73
11/22/2001	9:00	9.3	2253	1.6				7.83	2.27	233.05	225.23
11/22/2001	10:00	9.34	2254	1.5				8.83	3.8	261.04	333
11/22/2001	11:00	9.42	2254	1.9				9.43	3.73	264.71	395
11/22/2001	12:00	9.46	2252	1.7				9.97	3.23	268.31	380.1
11/22/2001	12:13				9.44	2290	1.4				
11/22/2001	13:00	9.44	2253	1.4				10.3	1.73	310.13	342.3
11/22/2001	14:00	9.56	2253	1.5				10.6	1.13	52.68	254.4
11/22/2001	15:00	9.61	2254	1.4				10.73	0.53	93.66	89.83
11/22/2001	16:00	9.68	2253	1.4				10.3	0.8	90.92	23.57
11/22/2001	17:00	9.68	2251	1.4				9.33	2.3	86.42	0
11/22/2001	18:00	9.69	2247	1.4				8.8	1.5	98.19	0
11/22/2001	19:00	9.66	2251	1.4				8.27	1.67	97.31	0
11/22/2001	20:00	9.63	2253	2.7				7.63	1.73	117.67	0
11/22/2001	21:00	9.62	2252	1.4				6.87	2	127.88	0
11/22/2001	22:00	9.6	2253	1.3				6.43	2.17	82.1	0
11/22/2001	23:00	9.61	2243	1.6				6.48	2.98	72.4	0
11/23/2001	0:00	9.61	2238	1.6							
11/23/2001	0:20							6.25	3.7	80.63	0
11/23/2001	1:00	9.57	2248	1.8				6.1	3.1	88.65	0
11/23/2001	2:00	9.55	2264	1.9				6.03	3.17	90.71	0
11/23/2001	3:00	9.64	2222	2.7				5.87	2.83	84.98	0
11/23/2001	4:00	9.6	2222	1.8				5.9	3.27	81.19	0
11/23/2001	5:00	9.66	2212	1.9				5.37	3.37	71.74	0
11/23/2001	6:00	9.66	2209	3.0				4.77	3.97	65.98	0
11/23/2001	7:00	9.57	2240	2.1				4.93	3.5	61.25	13.57
11/23/2001	8:00	9.47	2260	2.3				5.7	2.57	52.14	103.87
11/23/2001	9:00	9.44	2211	2.0				6.9	2.67	49	244.43
11/23/2001	10:00	9.53	2220	4.7				9.57	1.53	49.31	352.87
11/23/2001	11:00	9.52	2249	2.1				11.93	3.33	151.36	406.07
11/23/2001	12:00	9.48	2270	1.9				13.03	3.5	163.48	426.27
11/23/2001	12:12				9.39	2292	0.9				
11/23/2001	13:00	9.59	2250	1.9				13.67	4.07	165.84	389.23
11/23/2001	14:00	9.6	2249	2.2				14.17	4.5	163.22	298.3
11/23/2001	15:00	9.67	2245	2.1				14.33	3.93	164.12	174.53
11/23/2001	16:00	9.68	2259	2.4				14.13	4.23	171.73	39.63
11/23/2001	17:00	9.51	2255	1.9				13.1	2.87	159.66	0.2
11/23/2001	18:00	9.43	2247	1.9				11.97	2.63	104	0
11/23/2001	19:00	9.45	2240	2.2				11.1	1.97	89.13	0
11/23/2001	20:00	9.59	2211	2.1				10.03	1.87	57.52	0
11/23/2001	21:00	9.48	2234	2.7				11.13	3.87	145.75	0
11/23/2001	22:00	9.45	2236	3.5				10.7	4.07	121.19	0
11/23/2001	23:00	9.44	2232	2.6				9.78	3.15	94.16	0
11/24/2001	0:00	9.55	2217	2.5							
11/24/2001	0:20							10.25	4.55	140.78	0
11/24/2001	1:00	9.44	2237	1.9				9.97	6.13	150.45	0
11/24/2001	2:00	9.41	2234	2.1				9.87	3.87	137.65	0
11/24/2001	3:00	9.38	2240	1.9				9.3	3.6	97.42	0
11/24/2001	4:00	9.42	2226	2.0				6.87	3.73	95.11	0
11/24/2001	5:00	9.45	2218	2.4				6.6	4.2	89.56	0

Table A6-2. (cont.)

		East Flume RUSS			South Deep RUSS						
Date	Time	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Air Temperature (°C)	Wind Speed (m/s)	Wind Direction (Degrees from North)	Incident Light (W/m^2)
11/24/2001	6:00	9.42	2228	3.0				6.13	5.17	89.89	0
11/24/2001	7:00	9.39	2227	1.9				5.67	3.83	98.62	6.13
11/24/2001	8:00	9.47	2208	2.5				5.6	4.37	86.26	77.27
11/24/2001	9:00	9.43	2221	1.9				7.07	4.37	79.71	221.07
11/24/2001	10:00	9.47	2211	2.0				9.57	3.77	83.49	317.97
11/24/2001	11:00	9.62	2207	2.4				12.53	4.73	131.94	392.23
11/24/2001	12:00	9.58	2220	2.7				14.23	4.53	148.38	445.53
11/24/2001	12:12				9.31	2293	1.1				
11/24/2001	13:00	9.62	2232	2.6				15.17	6.9	169.45	272.07
11/24/2001	14:00	9.62	2243	2.7				15.17	6.1	170.66	202.57
11/24/2001	15:00	9.74	2239	3.0				14.53	4.87	139.52	59.93
11/24/2001	16:00	9.59	2249	2.8				14.47	4.67	128.91	7.83
11/24/2001	17:00	9.45	2260	2.0				15.23	4.8	132.75	0
11/24/2001	18:00	9.67	2239	2.4				14.93	5.2	135.64	0
11/24/2001	19:00	9.83	2223	3.0				15.07	6.03	135.71	0
11/24/2001	20:00	9.57	2244	2.4				15.3	5.8	135.13	0
11/24/2001	21:00	9.52	2248	2.5				15.57	7.03	140.51	0
11/24/2001	22:00	9.59	2243	2.5				15.83	5.9	148.08	0
11/24/2001	23:00	9.49	2254	2.4				15.82	7.38	146.26	0
11/25/2001	0:00	9.44	2259	2.2							
11/25/2001	0:20							16.1	6.35	138.96	0
11/25/2001	1:00	9.4	2261	2.4				16.63	7.7	154.33	0
11/25/2001	2:00	9.4	2267	2.1				16.77	8.97	167.23	0
11/25/2001	3:00	9.42	2273	2.2				16.67	8.67	163.07	0
11/25/2001	4:00	9.36	2284	2.2				16.67	9.43	161.22	0
11/25/2001	5:00	9.39	2287	2.4				16.7	9.37	167.02	0
11/25/2001	6:00	9.4	2288	2.1				16.67	11.4	171.1	0
11/25/2001	7:00	9.41	2293	3.5				17.03	11.83	172.47	0.97
11/25/2001	8:00	9.45	2295	2.5				16.97	10.23	162.05	10.13
11/25/2001	9:00	9.45	2304	2.8				17.53	10.5	164.22	25.97
11/25/2001	10:00	9.49	2314	2.8				17.8	12.53	174.78	38
11/25/2001	11:00	9.53	2314	2.9				17.43	9.6	185.91	43.4
11/25/2001	12:00	9.56	2310	2.4				15.97	8.17	198.28	55.8
11/25/2001	12:14				9.48	2299	1.7				
11/25/2001	13:00	9.56	2314	3.0				15.57	6.1	187.47	51.77
11/25/2001	14:00	9.56	2315	2.2				14.57	5.33	156.67	33.97
11/25/2001	15:00	9.59	2317	2.1				15.8	5	190.23	44.87
11/25/2001	16:00	9.6	2317	2.4				14.6	4.9	176.43	6.27
11/25/2001	17:00	9.79	2296	2.3				13.63	4.67	178.88	0
11/25/2001	18:00	10	2267	2.4				13.67	6.23	184.18	0
11/25/2001	19:00	9.77	2287	2.1				13.63	4.97	207.55	0
11/25/2001	20:00	9.72	2282	2.1				13.67	3.43	232.07	0
11/25/2001	21:00	9.68	2286	2.4				13.43	3.13	241.77	0
11/25/2001	22:00	9.65	2288	1.4				12.77	1.37	205.41	0
11/25/2001	23:00	9.67	2286	1.7				12.28	0.78	149.15	0
11/26/2001	0:00	9.69	2288	2.0				11.45	1.55	328.48	0
11/26/2001	1:00	9.69	2287	2.3				11	2.03	321.34	0
11/26/2001	2:00	9.69	2291	2.4				11.1	4.4	302.96	0
11/26/2001	3:00	9.96	2249	2.6				10.17	2.6	293.96	0
11/26/2001	4:00	9.77	2272	1.9				9.93	1.33	266.46	0
11/26/2001	5:00	9.71	2276	1.8				10.17	1.87	268.48	0
11/26/2001	6:00							10	1.5	267.83	0
11/26/2001	7:00							9.83	1.5	265.88	0.9
11/26/2001	8:00							9.77	2.5	294.99	12.3
11/26/2001	9:00							8.27	5.83	307.94	31.23
11/26/2001	10:00							8.3	2.13	251.74	46.43
11/26/2001	11:00							8.97	2.67	269.47	57.33
11/26/2001	12:00							9.2	3.27	273.61	62.97

Table A6-2. (cont.)

		East Flume RUSS			South Deep RUSS						
Date	Time	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Air Temperature (°C)	Wind Speed (m/s)	Wind Direction (Degrees from North)	Incident Light (W/m^2)
11/26/2001	12:13				9.53	2297	1.3				
11/26/2001	13:00							9.27	3.23	281.99	79.17
11/26/2001	14:00							9.3	3.07	288.36	44.87
11/26/2001	15:00							9.3	2.73	300.69	18.43
11/26/2001	16:00							9.13	2	300.11	4.53
11/26/2001	17:00							8.93	2.43	297.57	0
11/26/2001	18:00							8.8	2.03	284.23	0
11/26/2001	19:00							8.6	1.37	281.57	0
11/26/2001	20:00							8.43	1.4	267.54	0
11/26/2001	21:00							8.4	1.6	261.06	0
11/26/2001	22:00							8.23	1.37	258.64	0
11/26/2001	23:00							8.2	0.95	249.64	0
11/27/2001	0:20							8.4	0.95	164.78	0
11/27/2001	1:00							8.43	1.57	141.7	0
11/27/2001	2:00							8.3	1.17	85.07	0
11/27/2001	3:00							8.4	2.17	116.99	0
11/27/2001	4:00							8.23	1.37	130.28	0
11/27/2001	5:00							7.8	1.43	28.07	0
11/27/2001	6:00							7.4	1.87	86.84	0
11/27/2001	7:00							7.33	2.47	127.2	2.6
11/27/2001	8:00							7.7	2.63	142.27	20.07
11/27/2001	9:00							8.03	3.33	138.2	33.57
11/27/2001	10:00							8.5	2.4	138.68	76.77
11/27/2001	11:00							8.93	3.6	134.63	103.9
11/27/2001	12:00							9.37	2.97	107.03	143.97
11/27/2001	12:12				9.51	2249	1.5				
11/27/2001	13:00	9.85	2220	1.0				9.63	4.17	103.82	117.83
11/27/2001	14:00	9.8	2225	1.2				10.2	2.33	116.18	56.17
11/27/2001	15:00	9.73	2228	1.5				10.1	3.1	149.43	11.83
11/27/2001	16:00	9.6	2243	2.7				9.47	2.87	102.03	4.57
11/27/2001	17:00	9.81	2223	1.7				9.27	4.43	88.45	0
11/27/2001	18:00	9.73	2224	1.3				9.1	2.87	82.05	0
11/27/2001	19:00	9.77	2222	1.8				9.27	2.17	71.9	0
11/27/2001	20:00	9.79	2224					9.7	0.9	52.03	0
11/27/2001	21:00	9.62	2245	1.6				9.8	0.87	0.23	0
11/27/2001	22:00	9.55	2254	1.2				9.27	2.07	341.52	0
11/27/2001	23:00	9.55	2255	1.2				9.05	0.72	24.64	0
11/28/2001	0:00	9.56	2253	0.9				8.95	0.7	211.69	0
11/28/2001	1:00	9.59	2251	1.9				10.57	2.7	264	0
11/28/2001	2:00	9.69	2235	1.4				11.23	3.37	281.73	0
11/28/2001	3:00	9.68	2235	2.0				10.27	4.7	312	0
11/28/2001	4:00	9.64	2241	1.7				9.4	3.77	303.88	0
11/28/2001	5:00	9.6	2243	1.8				8.67	3.33	318.24	0
11/28/2001	6:00	9.52	2245					7.97	3	330.73	0
11/28/2001	7:00	9.54	2245	2.1				6.73	3.3	349.54	0.83
11/28/2001	8:00	9.58	2244	1.2				5.73	3.77	355.72	9.8
11/28/2001	9:00	9.58	2247	1.3				5.07	2.8	4.98	32.5
11/28/2001	10:00	9.58	2244	3.2				5.23	2.63	337.03	67.4
11/28/2001	11:00	9.57	2241	3.1				5.3	2.67	321.52	93.7
11/28/2001	12:00	9.58	2244	1.6				5.37	1.93	311.8	121.8
11/28/2001	12:13				9.53	2232	1.4				
11/28/2001	13:00	9.8	2214	1.7				5.7	2.4	318.53	77.93
11/28/2001	14:00	9.78	2217	1.7				5.83	3.53	311.81	18.17
11/28/2001	15:00	9.69	2225	2.8				5.43	1.97	324.06	18.03
11/28/2001	16:00	9.67	2227	2.5				5.27	2.37	306.27	2.9
11/28/2001	17:00	9.61	2230	4.0				4.77	3.53	338.01	0
11/28/2001	18:00	9.7	2207	1.9				4.23	2.3	1.09	0
11/28/2001	19:00	9.75	2202	2.0				4.1	0.9	35.44	0

Table A6-2. (cont.)

		East Flume RUSS			South Deep RUSS						
Date	Time	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Air Temperature (°C)	Wind Speed (m/s)	Wind Direction (Degrees from North)	Incident Light (W/m^2)
11/28/2001	20:00	9.78	2187	1.6				4.27	1.2	23.46	0
11/28/2001	21:00	9.67	2204	1.5				4.2	1.63	33.24	0
11/28/2001	22:00	9.56	2222	1.7				4.33	1.63	47.12	0
11/28/2001	23:00	9.58	2221	3.5				4.67	2.5	67.55	0
11/29/2001	0:00	9.64	2217	2.0							
11/29/2001	0:20							4.65	3.25	90.14	0
11/29/2001	1:00	9.82	2208	2.6				4.57	3.4	78.49	0
11/29/2001	2:00	10.06	2177	2.0				4.27	3.97	80.34	0
11/29/2001	3:00	9.92	2190	1.8				4.2	4.37	87.43	0
11/29/2001	4:00	9.91	2188	1.8				4.17	4.73	76.2	0
11/29/2001	5:00	9.83	2187	2.2				4.13	5.4	84.34	0
11/29/2001	6:00	9.67	2200	2.4				3.7	4.37	90	0
11/29/2001	7:00	9.67	2191	2.8				3.73	5	94.41	0.13
11/29/2001	8:00	9.57	2197	3.8				4.23	4.77	94.46	5.17
11/29/2001	9:00	9.63	2171	2.6				5.17	5.2	78.42	14.3
11/29/2001	10:00	9.53	2191	3.2				8.6	5.03	116.67	24.17
11/29/2001	11:00	9.62	2171	3.5				11.13	5.33	143.14	28.43
11/29/2001	12:00	9.78	2152	2.9				11.3	4.53	147.06	54.63
11/29/2001	12:13				9.41	2236	1.4				
11/29/2001	13:00	9.64	2193	3.3				11.43	3	116.2	32.23
11/29/2001	14:00	9.6	2203	2.8				11.67	2.83	121.19	28.67
11/29/2001	15:00	9.62	2203	3.3				12.03	2.9	155.41	24.83
11/29/2001	16:00	9.8	2172	4.8				12.37	4.57	173.39	3.13
11/29/2001	17:00	9.67	2201	2.9				12.6	3.87	170.56	0
11/29/2001	18:00	9.6	2214	2.8				13	5.03	183.73	0
11/29/2001	19:00	9.53	2233	1.7				13.57	4.67	200.05	0
11/29/2001	20:00	9.51	2238	6.8				14	2.43	184.11	0
11/29/2001	21:00	9.47	2259	2.2				13.63	2.33	289.3	0
11/29/2001	22:00	9.51	2246	2.5				12	1.03	16.42	0
11/29/2001	23:00	9.51	2240	2.3				11.5	1.62	343.69	0
11/30/2001	0:00	9.52	2242	3.4							
11/30/2001	0:20							10.2	2.75	315.76	0
11/30/2001	1:00	9.53	2240	2.0				9.93	1.57	305.54	0
11/30/2001	2:00	9.53	2241	2.6				9.9	0.87	314.76	0
11/30/2001	3:00	9.63	2225	4.1				9.77	1	35.65	0
11/30/2001	4:00	9.7	2185	4.1				9.73	1.13	47.14	0
11/30/2001	5:00	9.72	2190	1.1				9.83	0.9	97.16	0
11/30/2001	6:00	9.67	2204	2.0				10.4	1.7	109.59	0
11/30/2001	7:00	9.6	2228	2.7				10.93	4.07	78.22	0.33
11/30/2001	8:00	9.57	2229	3.9				11.63	3.87	77.55	19.3
11/30/2001	9:00	9.57	2232	2.6				12.2	3.03	71.14	38.67
11/30/2001	10:00	9.58	2230	2.5				14.47	3.17	111.2	53.87
11/30/2001	11:00	9.9	2192	2.4				17.03	4.07	148.99	54.13
11/30/2001	12:00	9.87	2203					17.83	6.4	183.67	40.9
11/30/2001	12:13				9.49	2230	1.8				
11/30/2001	13:00	9.74	2226	5.0				18.07	6.93	196.29	76.87
11/30/2001	14:00	9.6	2242	3.6				18.03	7.1	197.45	15.3
11/30/2001	15:00	9.68	2238	2.1				15.83	7.13	180.21	5.57
11/30/2001	16:00	9.75	2231	2.2				14.17	3.33	139.02	1.23
11/30/2001	17:00	9.43	2257	2.5				13.73	2.5	237.82	0
11/30/2001	18:00	9.64	2248	2.7				13.7	1.1	284.53	0
11/30/2001	19:00	9.66	2238	2.5				13.37	0.9	147.03	0
11/30/2001	20:00	9.55	2255	2.0				12.93	0.73	161.58	0
11/30/2001	21:00	9.58	2250	4.3				12.63	1.47	300.09	0
11/30/2001	22:00	9.58	2246	1.4				11.57	2.2	303.95	0
11/30/2001	23:00	9.61	2241	2.6				11.1	2.2	317.32	0
12/1/2001	0:00	9.62	2240	2.0							
12/1/2001	0:20							10.85	1.8	308.75	0

Table A6-2. (cont.)

		East Flume RUSS			South Deep RUSS						
Date	Time	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Air Temperature (°C)	Wind Speed (m/s)	Wind Direction (Degrees from North)	Incident Light (W/m^2)
12/1/2001	1:00	9.69	2256	1.9				11.13	0.73	239.85	0
12/1/2001	2:00	10.62	2139	5.2				10.93	0.8	103.22	0
12/1/2001	3:00	10.41	2157	2.7				10.5	0.93	323.53	0
12/1/2001	4:00	9.87	2223	2.6				10.27	0.5	297.64	0
12/1/2001	5:00	9.63	2237	1.2				10.17	1.9	317.1	0
12/1/2001	6:00	9.61	2244	2.2				10.2	1.13	274.19	0
12/1/2001	7:00	9.59	2242	1.8				10.43	1.03	268.64	1
12/1/2001	8:00	9.65	2244	2.2				10.73	0.7	276.64	22.57
12/1/2001	9:00	9.63	2240	3.1				11.17	1.83	271.17	52.33
12/1/2001	10:00	9.61	2238	1.8				11.4	4.77	282.6	60.97
12/1/2001	11:00	10.3	2136	4.7				11.27	5.87	281.26	80
12/1/2001	12:00	9.96	2188	4.1				10.27	7.17	290.64	77.27
12/1/2001	12:18				9.52	2239	1.7				
12/1/2001	13:00	9.71	2225	2.0				9.7	6.3	275.37	46.1
12/1/2001	14:00	9.68	2233	2.3				9.97	7.1	269.17	63.93
12/1/2001	15:00	9.59	2241	2.6				9.87	6.63	259.06	31.07
12/1/2001	16:00	9.59	2239	3.0				9.47	5.87	264.71	3.7
12/1/2001	17:00	9.51	2250	1.8				9.03	4.8	269.76	0
12/1/2001	18:00	9.52	2245	2.1				8.63	4.9	267.82	0
12/1/2001	19:00	9.49	2246	1.6				8.3	4.2	261.59	0
12/1/2001	20:00	9.47	2249	1.6				8.5	3.4	265.57	0
12/1/2001	21:00	9.42	2251	1.6				8.87	3.43	269.75	0
12/1/2001	22:00	9.52	2241	2.0				8.97	3.3	262.82	0
12/1/2001	23:00	9.59	2224	2.5				8.95	3.02	265.71	0
12/2/2001	0:00	9.62	2218	2.6							
12/2/2001	0:20							8.9	3.1	256.7	0
12/2/2001	1:00	9.62	2221	1.9				8.73	2.63	249.41	0
12/2/2001	2:00	9.72	2200	3.0				8.6	2.5	255.4	0
12/2/2001	3:00	9.71	2203	9.9				8.43	2.43	261.08	0
12/2/2001	4:00	9.68	2198	3.1				8.4	3.07	269.48	0
12/2/2001	5:00	9.63	2201	2.8				8.27	2.6	262.56	0
12/2/2001	6:00	9.63	2204	3.9				8.53	2.17	230.49	0
12/2/2001	7:00	9.56	2203	2.9				9.6	2	240.7	0
12/2/2001	8:00	9.71	2189	3.2							
12/2/2001	9:00	9.69	2187	3.0							
12/2/2001	10:00	9.78	2173	2.7							
12/2/2001	10:40							8.7	5.8	254.8	90.9
12/2/2001	11:00	9.8	2171	3.2				7.83	5.3	286.69	89.57
12/2/2001	12:00	9.76	2178	3.2				7.53	4.8	297.46	192.97
12/2/2001	12:14				9.44	2241	2.2				
12/2/2001	13:00	10.25	2103	5.5				8	4.2	291.16	383.3
12/2/2001	14:00	10.92	2020	6.4				8.33	3.5	321.07	302.8
12/2/2001	15:00	10.22	2000	17.7				8.63	2.47	320.07	137.43
12/2/2001	16:00	10.04	2138	4.1				8.57	1.7	341.23	31.27
12/2/2001	17:00	10.49	2028	9.1				7.5	1.37	32.93	0.1
12/2/2001	18:00	10.54	2035	8.2				6.83	0.63	355.86	0
12/2/2001	19:00	9.74	2177	3.4				6.33	1.1	180.08	0
12/2/2001	20:00	9.64	2195	2.4				5.13	1.7	152.77	0
12/2/2001	21:00	9.71	2175	3.7				4.1	1.8	148.64	0
12/2/2001	22:00	9.61	2209	3.2				3.5	1.8	151.64	0
12/2/2001	23:00	9.58	2214	2.6				3.3	2.37	134.58	0
12/3/2001	0:00	9.57	2214	1.7							
12/3/2001	1:00	9.58	2212	2.9							
12/3/2001	2:00	9.61	2193	5.1							
12/3/2001	3:00	9.59	2208	2.5							
12/3/2001	4:00	9.56	2225	2.7							
12/3/2001	5:00	9.53	2236	1.9							
12/3/2001	6:00	9.53	2235	2.3							

Table A6-2. (cont.)

		East Flume RUSS			South Deep RUSS						
Date	Time	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Air Temperature (°C)	Wind Speed (m/s)	Wind Direction (Degrees from North)	Incident Light (W/m^2)
12/3/2001	7:00	9.53	2235	2.1							
12/3/2001	8:00	9.76	2123	4.2							
12/3/2001	9:00	9.56	2196	4.0							
12/3/2001	10:00	9.54	2245	2.5							
12/3/2001	11:00	9.55	2258	2.5							
12/3/2001	12:00	9.55	2261	3.2							
12/3/2001	12:13				9.37	2232	1.9				
12/3/2001	13:00	9.58	2262	1.8							
12/3/2001	14:00	9.55	2252	1.5							
12/3/2001	15:00	9.56	2257	4.2							
12/3/2001	16:00	9.56	2250	1.4							
12/3/2001	17:00	9.56	2239	1.5							
12/3/2001	18:00	9.6	2231	1.3							
12/3/2001	19:00	9.56	2231	1.7							
12/3/2001	20:00	9.55	2232	0.9							
12/3/2001	21:00	9.51	2226	1.7							
12/3/2001	22:00	9.52	2237	1.5							
12/3/2001	23:00	9.52	2237	1.7							
12/4/2001	0:00	9.53	2219	1.5							
12/4/2001	0:20							9.1	3.8	260.23	0
12/4/2001	1:00	9.5	2193	2.3				8.87	2.77	250.1	0
12/4/2001	2:00	9.53	2215	2.1				8.33	1.1	174.98	0
12/4/2001	3:00	9.55	2219	1.7				6.67	1.93	139.59	0
12/4/2001	4:00	9.77	2198	1.9				5.9	1.57	110.3	0
12/4/2001	5:00	9.49	2219	3.0				5.57	1.8	142.43	0
12/4/2001	6:00	9.53	2222	1.8				5.7	1.9	139.16	0
12/4/2001	7:00	9.51	2226	3.3				5.1	2.77	138.79	6.87
12/4/2001	8:00	9.5	2200	2.9				4.9	3.13	140.19	57.97
12/4/2001	9:00	9.49	2199	2.0				6.33	2.93	133.63	157.77
12/4/2001	**10:00**	**9.53**	**2195**	**4.1**				**8.6**	**2.57**	**124.74**	**305.37**
12/4/2001	**11:00**	**9.62**	**2198**	**3.3**				**10.53**	**1.8**	**87.56**	**232.03**
12/4/2001	**12:00**	**9.47**	**2211**	**3.3**				**11.77**	**1.5**	**59.3**	**233.43**
12/4/2001	**12:14**				**9.31**	**2237**	**1.5**				
12/4/2001	**13:00**	**9.51**	**2206**	**3.7**				**13.27**	**2.1**	**92.37**	**179.5**
12/4/2001	**14:00**	**9.43**	**2149**	**2.0**				**13.47**	**2.43**	**138.06**	**93.97**
12/4/2001	15:00	9.41	2155	1.9				13.4	2.7	142.3	125.5
12/4/2001	16:00	9.41	2151	2.3				13.37	2.6	130.29	5.97
12/4/2001	17:00	9.41	2154	2.1				13.13	3.97	155.6	0
12/4/2001	18:00	9.53	2151	2.4				13.6	3.87	159.49	0
12/4/2001	19:00	9.52	2153	2.0				14.3	2.77	192.8	0
12/4/2001	20:00	9.52	2150	1.9				13.77	2.67	241.73	0
12/4/2001	21:00	9.46	2157	1.8				12.6	1.1	37.29	0
12/4/2001	22:00	9.42	2158	1.7				12.93	0.93	186.51	0
12/4/2001	23:00	9.42	2157	1.7				14.85	3.22	240.24	0
12/5/2001	0:00	9.42	2150	1.8							
12/5/2001	0:20							15.05	2.95	249.85	0
12/5/2001	1:00	9.39	2145	1.9				15	3.47	248.69	0
12/5/2001	2:00	9.38	2139	2.5				14.43	2.2	274.39	0
12/5/2001	3:00	9.5	2138	1.9				14.53	2.5	256.43	0
12/5/2001	4:00	9.55	2137	2.0				14.63	3	253.12	0
12/5/2001	5:00	9.55	2142	2.0				14.33	2.63	252.59	0
12/5/2001	6:00	9.59	2146	2.1				13.77	2.07	244.43	0
12/5/2001	7:00	9.56	2144	1.5				13.5	1.93	252.91	0.6
12/5/2001	8:00	9.55	2141	1.7				14.07	2.37	242.24	12.23
12/5/2001	9:00	9.55	2140	1.7				14.07	1.9	204.8	59.37
12/5/2001	10:00	9.65	2145	1.5				15.1	3.77	233.66	158.87
12/5/2001	11:00	9.55	2136	2.1				15.87	4	231.03	336.53
12/5/2001	12:00	9.5	2134	2.0				16.53	2.77	246.67	326.07

Table A6-2. (cont.)

		East Flume RUSS			South Deep RUSS						
Date	Time	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Air Temperature (°C)	Wind Speed (m/s)	Wind Direction (Degrees from North)	Incident Light (W/m^2)
12/5/2001	12:13				9.31	2311	1.5				
12/5/2001	13:00	9.51	2134	2.1				17	3.13	236.21	242.7
12/5/2001	14:00	9.56	2135	2.0				16.9	3.63	222.71	92.3
12/5/2001	15:00	9.46	2135	2.1				16.87	1.63	186.51	102.13
12/5/2001	16:00	9.44	2136	2.1				15.67	2.33	132.94	7.23
12/5/2001	17:00	9.59	2138	1.8				15.3	2.33	115.12	0
12/5/2001	18:00	9.67	2133	2.0				15.93	0.63	120.78	0
12/5/2001	19:00	9.67	2136	1.9				17.9	2.43	183.15	0
12/5/2001	20:00	9.73	2137	1.9				18.53	4.57	202.93	0
12/5/2001	21:00	9.73	2133	2.1				18.3	4.93	197.69	0
12/5/2001	22:00	9.58	2137	2.1				18.9	4.9	196.26	0
12/5/2001	23:00	9.56	2149	1.9				19.8	5.8	218.49	0
12/6/2001	0:00	9.48	2150	1.9							
12/6/2001	0:20							20.35	5.9	221.85	0
12/6/2001	1:00	9.61	2145	2.1				20.6	6.77	220.46	0
12/6/2001	2:00	9.57	2154	2.1				20.67	8.03	216.35	0
12/6/2001	3:00	9.37	2165	1.6				20.4	7.1	206.2	0
12/6/2001	4:00	9.35	2169	2.0				20.5	7.8	202.18	0
12/6/2001	5:00	9.4	2167	1.8				19.93	5.9	212.26	0
12/6/2001	6:00	9.36	2167	1.6				19.7	4.87	230.51	0
12/6/2001	7:00	9.43	2165	1.7				19.4	5.77	268.2	0
12/6/2001	8:00	9.44	2166	1.8				16.67	10.9	288.94	2.8
12/6/2001	9:00	9.43	2167	1.9				14.9	6.13	279.08	9.17
12/6/2001	10:00	9.45	2164	2.0				14.1	5.13	236.14	23.3
12/6/2001	11:00	9.32	2172	1.7				13.83	4.93	251.7	47
12/6/2001	12:00	9.34	2171	1.7				13.83	7.87	267.09	64.83
12/6/2001	12:13				9.33	2308	1.7				
12/6/2001	13:00	9.33	2171	1.8				13.3	7.73	264.09	60.17
12/6/2001	14:00	9.49	2161	1.7				13.07	5.87	264.88	71.63
12/6/2001	15:00	9.49	2161	1.8				12.9	5.6	264.02	53.57
12/6/2001	16:00	9.52	2159	1.7				12.63	4.87	260.45	11.87
12/6/2001	17:00	9.44	2162	1.7				11.83	5.4	262.62	0
12/6/2001	18:00	9.47	2158	1.7				11.07	3.77	263.06	0
12/6/2001	19:00	9.48	2156	1.8				10.53	3.03	257.88	0
12/6/2001	20:00	9.48	2156	1.8				9.87	3.43	253.58	0
12/6/2001	21:00	9.44	2157	1.9				8.83	2.57	265.94	0
12/6/2001	22:00	9.5	2149	2.1				8.23	2.37	246.92	0
12/6/2001	23:00	9.62	2142	2.8				7.55	1.65	230.87	0
12/7/2001	0:00	9.57	2144	2.8							
12/7/2001	0:20							6.75	0.45	184.79	0
12/7/2001	1:00	9.56	2147	2.3				5.77	1	301.52	0
12/7/2001	2:00	9.53	2146	2.9				5.1	1.63	172.12	0
12/7/2001	3:00	9.46	2143	2.2				4.67	1.13	142.58	0
12/7/2001	4:00	9.54	2130	2.5				4.67	1.07	139.17	0
12/7/2001	5:00	9.55	2133	2.7				6.17	1.97	258.94	0
12/7/2001	6:00	9.5	2133	2.7				6.4	2.07	264.85	0
12/7/2001	7:00	9.51	2140	2.7				6.23	1.57	275.35	2.43
12/7/2001	8:00	9.53	2143	2.2				5.97	2.63	263.26	97.43
12/7/2001	9:00	9.45	2143	2.2				6.9	4.13	265.18	234.6
12/7/2001	10:00	9	2153	1.7				7.27	4.2	275.93	338.73
12/7/2001	11:00	9.45	2136	2.3				7.97	4.33	281.22	401.4
12/7/2001	12:00	9.45	2134	2.2				9.1	4.9	275.86	407.6
12/7/2001	12:12				9.44	2292	1.7				
12/7/2001	13:00	9.55	2151	1.9				9.2	6.23	294.46	308.9
12/7/2001	14:00	9.58	2152	2.0				9	7.23	307.6	274.63
12/7/2001	15:00	9.57	2151	2.1				8.27	7.6	306.21	140.43
12/7/2001	16:00	9.52	2150	1.8				7.7	5.87	299.56	25.47
12/7/2001	17:00	9.5	2152	1.8				7.23	5.07	295.56	0

Table A6-2. (cont.)

		East Flume RUSS			South Deep RUSS						
Date	Time	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Air Temperature (°C)	Wind Speed (m/s)	Wind Direction (Degrees from North)	Incident Light (W/m^2)
12/7/2001	18:00	9.44	2152	2.0				6.17	2.97	269.65	0
12/7/2001	19:00	9.42	2151	2.1				5.27	2.63	262.11	0
12/7/2001	20:00	9.39	2151	3.8				4.53	3.13	256.35	0
12/7/2001	21:00	9.34	2150	2.0				3.87	3.2	257.33	0
12/7/2001	22:00	9.33	2151	2.1				3.4	3.07	256.09	0
12/7/2001	23:00	9.26	2152	1.9				3.58	3.4	274.36	0
12/8/2001	0:00	9.28	2150	1.9							
12/8/2001	0:20							3.7	3.9	288.67	0
12/8/2001	1:00	9.34	2150	2.0				2.57	2.97	251.54	0
12/8/2001	2:00	9.28	2149	2.0				2.43	2.9	281.67	0
12/8/2001	3:00	9.29	2149	2.0				1.4	3.03	351.99	0
12/8/2001	4:00	9.25	2149	2.2				0.7	2.57	350.48	0
12/8/2001	5:00	9.24	2149	2.3				0.23	1.53	354.2	0
12/8/2001	6:00	9.21	2149	2.8				-0.37	1.53	27.39	0
12/8/2001	7:00	9.21	2148	2.3				-0.73	1.7	68.79	2.53
12/8/2001	8:00	9.21	2149	2.6				-0.2	1.57	97.04	25.87
12/8/2001	9:00	9.18	2148	2.6				-0.47	2.33	82.16	73.03
12/8/2001	10:00	9.14	2149	3.1				-0.03	2.27	100.04	112.97
12/8/2001	11:00	9.07	2149	2.3				0.67	1.33	110.91	114.87
12/8/2001	12:00	8.99	2116	1.8				1.1	2.07	61.84	86.1
12/8/2001	12:16				9.23	2293	1.8				
12/8/2001	13:00	9.16	2117	1.9				1.3	3.13	60.88	78.77
12/8/2001	14:00	9.13	2130	2.2				1.53	3.33	65.75	35.77
12/8/2001	15:00	9.3	2114	2.2				1.57	3.77	74.62	14.63
12/8/2001	16:00	9.22	2120	2.8				1.5	3.7	83.36	1.9
12/8/2001	17:00	9.16	2122	2.3				1.63	3.1	95.21	0
12/8/2001	18:00	9.08	2121	2.2				1.9	3.17	92.42	0
12/8/2001	19:00	9.06	2132	2.3				1.83	3.87	80.47	0
12/8/2001	20:00	8.97	2139	2.8				0.8	4.73	77.47	0
12/8/2001	21:00	8.93	2144	2.4				0.7	4.43	86.4	0
12/8/2001	22:00	8.85	2153	2.7				0.73	4.3	77.61	0
12/8/2001	23:00	8.8	2154	2.3				0.38	3.92	71.3	0
12/9/2001	0:00	8.74	2154	2.2							
12/9/2001	0:20							0	2.75	66.51	0
12/9/2001	1:00	8.67	2154	2.6				0	3.5	92.93	0
12/9/2001	2:00	8.65	2149	2.2				-0.13	3.37	93.12	0
12/9/2001	3:00	8.7	2152	2.8				-0.27	2.17	72.29	0
12/9/2001	4:00	8.72	2155	2.1				-0.23	1.87	76.61	0
12/9/2001	5:00	8.79	2154	2.0				-0.33	1.7	53.29	0
12/9/2001	6:00	8.77	2143	1.8				-0.17	1.4	21.83	0
12/9/2001	7:00	8.77	2143	2.2				0.43	3.13	339.31	0.53
12/9/2001	8:00	8.68	2125	2.3				0.5	3.23	341.79	26.77
12/9/2001	9:00	8.68	2127	2.4				0.83	2.23	310.62	68.17
12/9/2001	10:00	8.76	2119	6.0				1.13	2.73	256.42	162.8
12/9/2001	11:00	8.8	2102	2.6				2	2.53	269.48	316.77
12/9/2001	12:00	8.41	2097	1.3				3	1.53	290.01	410.4
12/9/2001	12:14				8.99	2292	2.1				
12/9/2001	13:00	8.59	2106	1.7				3.37	2.67	275.49	116.37
12/9/2001	14:00	8.67	2107	2.1				2.7	3.33	272.15	84.87
12/9/2001	15:00	8.69	2119	1.9				2.73	3.1	247.72	40.33
12/9/2001	16:00	8.78	2133	1.7				3	2.73	247.38	8.37
12/9/2001	17:00	8.76	2135	1.5				2.8	2.73	240.1	0
12/9/2001	18:00	8.77	2134	1.7				3.13	2.03	221.17	0
12/9/2001	19:00	8.71	2134	1.7				3.27	2.5	164.35	0
12/9/2001	20:00	8.66	2121	2.2				3.47	2	182.02	0
12/9/2001	21:00	8.67	2119	2.0				3.17	1.93	160.87	0
12/9/2001	22:00	8.77	2137	2.1				2.87	1.7	183.86	0
12/9/2001	23:00	8.74	2143	2.0				2.52	2.05	149.5	0

Table A6-2. (cont.)

		East Flume RUSS			South Deep RUSS						
Date	Time	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Air Temperature (°C)	Wind Speed (m/s)	Wind Direction (Degrees from North)	Incident Light (W/m^2)
12/10/2001	0:00	8.64	2139	2.2							
12/10/2001	0:20							2.6	1.9	156.1	0
12/10/2001	1:00	8.65	2138	2.3				2.73	2.3	174.94	0
12/10/2001	2:00	8.65	2144	2.3				2.2	2.2	149.26	0
12/10/2001	3:00	8.75	2161	2.0				1.67	1.83	95.77	0
12/10/2001	4:00	8.92	2180	2.1				1.77	2.37	106.59	0
12/10/2001	5:00	8.84	2174	2.3				1.83	2	125.78	0
12/10/2001	6:00	8.75	2168	2.0				2.73	3.83	176.57	0
12/10/2001	7:00	8.66	2155	2.2				2.87	3.73	170.2	6.67
12/10/2001	8:00	8.63	2158	2.0				3.3	4.63	182.09	110.8
12/10/2001	9:00	8.77	2179	2.2				3.93	6.63	190.05	238.77
12/10/2001	10:00	8.66	2166	2.3				4.7	5.5	198.51	343.4
12/10/2001	11:00	8.66	2162	2.2				5.57	5.17	193.68	397.87
12/10/2001	12:00	8.68	2161	2.5				6.3	5.53	192.13	403.1
12/10/2001	12:17				8.74	2293	1.7				
12/10/2001	13:00	8.7	2160	2.3				6.73	5.7	194.51	358.47
12/10/2001	14:00	8.72	2159	2.3				6.87	5.17	176.86	273.27
12/10/2001	15:00	8.71	2159	2.9				6.47	4.63	183.72	68.53
12/10/2001	16:00	8.73	2162	2.3				5.97	4.93	180.01	16.57
12/10/2001	17:00	8.7	2164	2.3				5.3	4.67	164.86	0
12/10/2001	18:00	8.67	2163	2.6				4.8	4.2	155.92	0
12/10/2001	19:00	8.61	2162	2.4				5.07	2.6	161.99	0
12/10/2001	20:00	8.6	2158	2.7				5.73	3.27	193.44	0
12/10/2001	21:00	8.59	2151	2.1				5.77	3.03	192.63	0
12/10/2001	22:00	8.64	2149	2.2				5.7	2.83	202.28	0
12/10/2001	23:00	8.57	2151	1.9				5.55	3.62	202.09	0
12/11/2001	0:00	8.53	2149	2.2							
12/11/2001	0:20							5.5	3.6	208.89	0
12/11/2001	1:00	8.49	2148	2.3				5.13	2.2	193.77	0
12/11/2001	2:00	8.51	2147	1.9				5.03	2.3	204.55	0
12/11/2001	3:00	8.48	2151	2.6				4.93	2.13	198.83	0
12/11/2001	4:00	8.43	2152	2.2				4.47	0.83	238.19	0
12/11/2001	5:00	8.44	2150	2.2				4.33	1	223.17	0
12/11/2001	6:00	8.42	2150	2.1				3.93	1	244.98	0
12/11/2001	7:00	8.43	2149	2.6				3.33	1.27	133.53	3.03
12/11/2001	8:00	8.55	2141	2.1				2.73	1.53	108.95	84.83
12/11/2001	9:00	8.49	2148	1.9				3.17	1.1	88.18	118.47
12/11/2001	10:00	8.53	2150	1.7				4.07	1.03	36.8	200
12/11/2001	11:00	8.52	2153	1.7				4.7	0.6	15.5	186.9
								6.47	0.6	32.74	382.27
12/11/2001	12:12				8.63	2230	2.2				
12/11/2001	13:00	8.54	2206	1.7				7.73	0.13	31.53	332.87
12/11/2001	14:00	8.58	2207	1.3				8.4	0.2	38.4	235.9
12/11/2001	15:00	8.62	2205	1.4				8.6	0.33	299.81	117.9
12/11/2001	16:00	8.58	2202	1.2				7.73	0.63	146.98	13.43
12/11/2001	17:00	8.7	2198	1.4				7.1	0.83	89.61	0
12/11/2001	18:00	8.66	2199	1.5				6.2	2.03	321.45	0
12/11/2001	19:00	8.58	2202	1.5				5.37	0.63	68.57	0
12/11/2001	20:00	8.94	2189	1.3				4.1	1.73	150.43	0
12/11/2001	21:00	8.54	2203	1.7				3.17	1.2	154.58	0
12/11/2001	22:00	8.98	2182	1.4				2.23	1.13	148.42	0
12/11/2001	23:00	8.56	2205	2.0				1.55	1.88	129.5	0
12/12/2001	0:00	8.63	2205	1.5							
12/12/2001	0:20							0.95	2.75	146.53	0
12/12/2001	1:00	8.6	2196	1.6				1	2.97	134.9	0
12/12/2001	2:00	8.67	2191	1.6				0.83	1.9	92.12	0
12/12/2001	3:00	8.55	2200	1.4				0.67	1.67	78.47	0
								-0.03	2.2	77.83	0

Table A6-2. (cont.)

		East Flume RUSS			South Deep RUSS						
Date	Time	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Air Temperature (°C)	Wind Speed (m/s)	Wind Direction (Degrees from North)	Incident Light (W/m^2)
12/12/2001	5:00	8.5	2199	1.5				-0.47	2.57	85.01	0
12/12/2001	6:00	8.46	2202	1.6				-0.63	2.63	89.77	0
12/12/2001	7:00	8.45	2202	1.9				-0.4	2.17	91.51	9.2
12/12/2001	8:00	8.45	2200	1.9				0.27	2.77	84.69	117.73
12/12/2001	9:00	8.44	2206	2.1				1.9	4.3	91.73	246.23
12/12/2001	10:00	8.54	2188	1.9				3.87	4.87	76.38	329.8
12/12/2001	11:00	8.62	2194	1.8				6.7	3.2	88.29	385.27
12/12/2001	12:00	8.62	2196	2.0				9.5	1.6	141.48	368.53
12/12/2001	12:12				8.48	2233	2.4				
12/12/2001	13:00	8.62	2198	1.5				9.63	2.93	160.58	169.37
12/12/2001	14:00	8.42	2204	1.4				9.3	2.93	152.24	82.33
12/12/2001	15:00	8.74	2192	1.7				9.23	4.27	144.52	29.2
12/12/2001	16:00	8.64	2193	1.9				8.93	3.13	151.82	3.53
12/12/2001	17:00	8.58	2196	1.8				8.57	4.03	126.03	0
12/12/2001	18:00	8.74	2190	2.2				7.87	6.87	161.79	0
12/12/2001	19:00	8.51	2199	2.0				7.4	5.87	159.17	0
12/12/2001	20:00	8.44	2203	1.9				7.23	4.87	154.44	0
12/12/2001	21:00	8.39	2207	1.9				7.27	7.1	153.84	0
12/12/2001	22:00	8.36	2208	2.2				7.57	6.97	153.39	0
12/12/2001	23:00	8.34	2211	2.0				7.7	8.62	157.52	0
12/13/2001	0:00	8.36	2211	2.2							
12/13/2001	0:20							7.85	8.35	152.97	0
12/13/2001	1:00	8.33	2214	2.2				7.93	6.37	147.67	0
12/13/2001	2:00	8.33	2215	2.0				8.23	5.7	148.61	0
12/13/2001	3:00	8.34	2217	1.9				8.37	4.23	148.93	0
12/13/2001	4:00	8.34	2218	2.3				8.23	2.5	150.23	0
12/13/2001	5:00	8.35	2219	1.5				7.9	3.23	133.7	0
12/13/2001	6:00	8.35	2218	2.1				8.13	3.6	149.89	0
12/13/2001	7:00	8.35	2218	1.7				8	2.3	100.77	1.8
12/13/2001	8:00	8.43	2212	1.7				8.8	2.3	77.71	28.27
12/13/2001	9:00	8.43	2213	2.3				10.83	2.93	183.72	63.27
12/13/2001	10:00	8.41	2214	2.0				11.8	4.43	205.29	78.13
12/13/2001	11:00	8.45	2212	1.5				12.37	4.8	217.8	82.97
12/13/2001	12:00							12.8	4.9	210.34	140.87
12/13/2001	12:03	8.38	2217	1.7							
12/13/2001	12:12				8.37	2239	2.6				
12/13/2001	13:01	8.5	2213	1.9				13.37	5.3	213.63	100.1
								13.1	4.1	204.37	38.1
12/13/2001	14:10	8.39	2215	1.6				13.07	4.43	196.61	19.77
								13.47	3.77	201.22	2.5
								13.4	2.97	214.35	0
								13.07	3.37	269.38	0
12/13/2001	18:37	8.44	2219	1.7							
								12.93	3.9	265.21	0
12/13/2001	19:13	8.51	2218	1.8							
12/13/2001	20:00	8.6	2214	1.7				13	4.97	269.57	0
12/13/2001	21:00	8.48	2220	1.7				12.67	4.5	273.32	0
12/13/2001	22:00	8.48	2217	1.5				12.07	5.7	286.18	0
12/13/2001	23:00	8.42	2217	1.7				11.45	4.62	283.95	0
12/14/2001	0:00	8.41	2217	1.8							
12/14/2001	0:20							11.15	3.6	267.47	0
12/14/2001	1:00	8.4	2217	1.5				10.3	5.27	293.48	0
12/14/2001	2:00	8.39	2217	1.7				9.23	4.8	299.02	0
12/14/2001	3:00	8.38	2217	1.6				8.8	4.83	309.94	0
12/14/2001	4:00	8.37	2218	1.7				8.33	4.13	313.45	0
12/14/2001	5:00	8.37	2217	1.5				8.17	2.07	324.51	0
12/14/2001	6:00	8.36	2217	1.7				7.93	2.2	349.08	0
12/14/2001	7:00	8.35	2217	1.6				7.7	2.4	357.1	1.17

Table A6-2. (cont.)

		East Flume RUSS			South Deep RUSS						
Date	Time	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Air Temperature (°C)	Wind Speed (m/s)	Wind Direction (Degrees from North)	Incident Light (W/m^2)
12/14/2001	8:00	8.35	2216	1.8				7.43	2.17	42.26	16.9
12/14/2001	9:00	8.36	2217	1.7				7.43	2.43	84.42	27.77
12/14/2001	10:00	8.68	2204	1.7				7.4	3.07	58.89	33.17
12/14/2001	11:00	8.96	2195	1.8				7.1	3.63	64.53	45.63
12/14/2001	12:00	9.02	2193	1.9				6.53	2.87	61.34	65.43
12/14/2001	12:13				8.4	2236	2.5				
12/14/2001	13:00							6.07	3.63	74.74	48.67
12/14/2001	14:00							5.53	4.77	71.37	33.43
12/14/2001	15:00							5	4.97	71.3	7.97
12/14/2001	16:00							4.73	4.13	73.75	0.3
12/14/2001	17:00							4.97	4.43	65.06	0
12/14/2001	18:00							5.37	4.23	68.81	0
12/14/2001	19:00							5.43	3.47	54.84	0
12/14/2001	20:00							5.33	3.17	38.95	0
12/14/2001	21:00							5.67	3.8	9.24	0
12/14/2001	22:00							4.6	5.33	329.43	0
12/14/2001	23:00							3.05	6.98	309.3	0
12/15/2001	0:20							2.2	7.25	307	0
12/15/2001	0:37	8.96	2168	3.0							
12/15/2001	1:00	8.82	2176	2.7				2.23	8.3	309.51	0
12/15/2001	2:00	8.62	2180	2.8				2.2	8.1	302.29	0
12/15/2001	3:00	8.52	2185	2.6				2.13	7.7	306.19	0
12/15/2001	4:00	8.42	2190	2.6				1.97	7.87	326.32	0
12/15/2001	5:00	8.33	2196	2.9				1.8	6.47	326.49	0
12/15/2001	6:00	8.28	2199	2.1				1.77	6.23	326.95	0
12/15/2001	7:00	8.33	2141	4.5				1.67	6.17	329.26	1.23
12/15/2001	8:00	8.14	2142	6.3				1.63	4.37	301.46	13.6
12/15/2001	9:00	8.12	2166	3.9				1.93	4.37	326.33	37.63
12/15/2001	10:00	8.18	2162	4.1				1.3	4.07	6.99	62.67
12/15/2001	11:00	8.13	2178	3.2				1.23	3.2	359.44	65.3
12/15/2001	12:00	8.14	2168	3.2				1.23	3.3	2.45	62
12/15/2001	12:13				8.24	2241	2.4				
12/15/2001	13:00	8.14	2111	5.1				1.4	3.5	337.87	78.4
12/15/2001	14:00	7.94	2062	8.0				2.07	5.43	325.3	129.77
12/15/2001	15:00	7.91	2071	8.0				2.07	5.43	319.23	85.07
12/15/2001	16:00	8	2108	6.0				1.73	5.07	304.18	4.03
12/15/2001	17:00	7.74	2092	8.3				1.2	3.2	291.58	0
12/15/2001	18:00	7.84	2140	7.0				0.9	2.67	274.52	0
12/15/2001	19:00	7.82	2154	6.5				1	3.2	278.26	0
12/15/2001	20:00	7.81	2152	4.8				1.1	3.37	257.17	0
12/15/2001	21:00	7.86	2164	4.5				0.8	1.8	285.01	0
12/15/2001	22:00	7.87	2167	3.8				0.67	1.63	282.7	0
12/15/2001	23:00	7.87	2170	3.2				0.7	0.92	269.39	0
12/16/2001	0:00	7.85	2172	3.4							
12/16/2001	0:20							0.65	1.2	260.46	0
12/16/2001	1:00	7.85	2177	2.9				0.67	1.37	290.07	0
12/16/2001	2:00	7.84	2178	2.8				0.47	1.77	314.82	0
12/16/2001	3:00	7.81	2237	2.4				0.13	1.67	303.49	0
12/16/2001	4:00	7.81	2191	2.7				-0.5	2.13	55.73	0
12/16/2001	5:00	7.79	2180	2.8				-0.57	2.37	52.8	0
12/16/2001	6:00	7.74	2203	2.8				-0.77	2.03	62.31	0
12/16/2001	7:00	7.7	2172	3.1				-1.23	2.37	46.09	10.9
12/16/2001	8:00	7.68	2198	2.8				-0.97	1.3	17.23	62.1
12/16/2001	9:00	7.67	2189	2.7				-0.73	1.3	282.8	129
12/16/2001	10:00	7.69	2231	2.3				0.4	0.5	50.93	303.07
12/16/2001	11:00	7.71	2199	2.4				1.1	0.57	165.79	322.67
12/16/2001	12:00	7.67	2171	2.8				1.6	0.77	111.27	272.47
12/16/2001	12:13				8.05	2234	2.7				

Table A6-2. (cont.)

		East Flume RUSS			South Deep RUSS						
Date	Time	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Air Temperature (°C)	Wind Speed (m/s)	Wind Direction (Degrees from North)	Incident Light (W/m^2)
12/16/2001	13:00	7.68	2171	2.7				1.97	0.83	25.91	186.2
12/16/2001	14:00	7.67	2178	2.8				2.23	1.83	36.19	115.87
12/16/2001	15:00	7.68	2154	3.0				2.1	3.87	56.02	71.07
12/16/2001	16:00	7.55	2167	2.8				1.43	2.13	76.85	2.27
12/16/2001	17:00	7.51	2170	3.0				1.57	1.93	89.08	0
12/16/2001	18:00	7.46	2158	2.5				1.63	3.2	94.97	0
12/16/2001	19:00	7.46	2156	2.5				1.67	3.13	107.69	0
12/16/2001	20:00	7.52	2170	2.2				1.53	3	84.95	0
12/16/2001	21:00	7.46	2173	5.1				1.57	3.07	93.8	0
12/16/2001	22:00	7.36	2168	2.6				1.8	3.47	95.88	0
12/16/2001	23:00	7.34	2184	2.9				1.75	4.08	97.03	0
12/17/2001	0:00	7.3	2182	3.0							
12/17/2001	0:20							1.75	3.75	93.04	0
12/17/2001	1:00	7.26	2185	2.7				1.7	3.23	85.35	0
12/17/2001	2:00	7.26	2160	2.9				1.87	4.33	78.28	0
12/17/2001	3:00	7.23	2156	2.9				1.83	3.93	79.27	0
12/17/2001	4:00	7.2	2165	2.9				2.1	3.47	89.42	0
12/17/2001	5:00	7.24	2167	3.0				4.1	4.67	117.13	0
12/17/2001	6:00	7.32	2182	2.6				2.43	4.43	77.9	0
12/17/2001	7:00	7.36	2221	2.5				2.43	4.07	79.98	1.5
12/17/2001	8:00	7.45	2211	2.1				3.83	5.87	146.49	12.43
12/17/2001	9:03	7.48	2201	2.0				4.13	5.37	148.79	17.23
12/17/2001	10:00							4.23	5.17	141.94	16.43
12/17/2001	11:00							4.2	4.57	129.38	24.6
12/17/2001	12:00							4.4	3.5	138.64	25.35
12/17/2001	12:13				7.89	2225	2.5				
12/18/2001	12:14				7.71	2226	2.0				
12/17/2001	13:20							4.45	2.75	127.53	23.35
12/17/2001	14:00							4.17	3	93.13	15.33
12/17/2001	15:00							3.27	2.93	62.95	5.83
12/17/2001	16:00							3.5	2.67	79.98	1.67
12/17/2001	17:00							3.17	3.57	75.98	0
12/17/2001	18:00							3.43	2.9	69.4	0
12/17/2001	19:00							3.47	3.3	69.66	0
12/17/2001	20:00							2.97	2.9	50.95	0
12/17/2001	21:00							2.67	2.87	77.83	0
12/17/2001	22:00							2.73	1.8	79.69	0
12/17/2001	23:00							2.72	1.5	56.99	0
12/18/2001	0:20							2.55	1.55	75.19	0
12/18/2001	1:00							2.43	1.57	41.9	0
12/18/2001	2:00							2.77	1.87	2.3	0
12/18/2001	3:00							2.87	3.53	322.18	0
12/18/2001	4:00							3.03	4.67	325.54	0
12/18/2001	5:00							2.9	4.8	322.06	0
12/18/2001	6:00							2.7	5.5	328.4	0
12/18/2001	7:00							2.33	5.03	312.45	0
12/18/2001	8:00							2.2	5.53	304.73	3.87
12/18/2001	9:00							2.43	6	303.97	14.13
12/18/2001	10:00							2.33	6.3	300.86	34.9
12/18/2001	11:00							2.23	4.6	303.08	31.5
12/18/2001	12:00							1.83	3.07	267.55	61.93
12/18/2001	**13:00**							**1.63**	**2.9**	**254.33**	**51.23**
12/18/2001	**14:00**							**2.93**	**3**	**268.88**	**42.13**
12/18/2001	**15:00**							**4.3**	**7.03**	**297.06**	**24.73**
12/18/2001	**16:00**							**4.17**	**5**	**284.54**	**5.4**
12/18/2001	17:00							4.27	5.33	270.11	0
12/18/2001	18:00							4.23	5.03	274.48	0
12/18/2001	19:00							4.37	4.77	284.54	0

Table A6-2. (cont.)

		East Flume RUSS			South Deep RUSS						
Date	Time	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Air Temperature (°C)	Wind Speed (m/s)	Wind Direction (Degrees from North)	Incident Light (W/m^2)
12/18/2001	19:55	7.47	2210	2.1							
12/18/2001	20:01	7.46	2210	1.9				3.9	3.73	258.95	0
12/18/2001	21:03	7.45	2211	1.7				4.07	3.37	256.29	0
12/18/2001	22:00	7.43	2211	1.9				4.57	4.67	276.08	0
12/18/2001	23:00	7.42	2210	2.2				4.97	4.43	281.19	0
12/19/2001	0:00	7.33	2197	1.9				4.15	5.45	279.91	0
12/19/2001	1:00	7.33	2190	2.1				3.87	5.47	288.75	0
12/19/2001	2:00	7.36	2203	1.8				3.7	3.77	272.68	0
12/19/2001	3:00	7.31	2194	2.0				4.07	4.93	258.39	0
12/19/2001	4:00	7.32	2201	1.9				4.07	5.77	255.41	0
12/19/2001	5:00	7.35	2209	2.1				3.67	4.3	261.13	0
12/19/2001	6:00	7.34	2211	2.0				3.13	4.3	253.17	0
12/19/2001	7:00	7.31	2207	2.2				2.9	3.5	247.86	1.5
12/19/2001	8:00	7.31	2198	1.8				3.6	3.63	220.35	24.5
12/19/2001	9:00	7.32	2199	1.9				4.33	3.7	215.02	51.3
12/19/2001	10:00	7.26	2182	2.1				4.97	2.7	200.45	76.1
12/19/2001	11:00	7.29	2186	1.8				5.97	3.5	186.53	116.47
12/19/2001	12:00	7.35	2200	1.8				6.43	3.2	197.25	127.63
12/19/2001	12:12				7.5	2240	2.3				
12/19/2001	13:00	7.34	2197	1.8				6.87	2.47	178.89	133.77
12/19/2001	14:00	7.33	2192	1.7				7.23	2.43	146.14	209.6
12/19/2001	15:01	7.32	2196	1.4				7.63	2.83	150.72	84.1
12/19/2001	16:00							7.3	2.77	108.11	11.57
12/19/2001	17:00							6.17	2.33	92.07	0
12/19/2001	18:00							5.4	2.63	83.76	0
12/19/2001	19:00							4.8	2.27	75.14	0
12/19/2001	20:00							4.77	1.27	59.65	0
12/19/2001	21:00							6.47	2.1	170.43	0
12/19/2001	22:00							6.33	3.57	183.91	0
12/19/2001	23:00							6.68	6.72	182.86	0
12/20/2001	0:20							6.7	4.7	195.38	0
12/20/2001	1:00							6.9	3.97	201.1	0
12/20/2001	2:00							6.57	4.1	191.83	0
12/20/2001	3:00							6.23	5.53	201.63	0
12/20/2001	4:00							5.73	7.23	249.49	0
12/20/2001	5:00							4.87	7.6	260.88	0
12/20/2001	6:00							4.53	8	263.56	0
12/20/2001	6:50	7.26	2199	2.1							
12/20/2001	7:01	7.22	2202	2.0				3.6	7	267.71	1.13
12/20/2001	8:01	7.25	2201	1.6				3.43	7.2	258.43	69.57
12/20/2001	9:00	7.25	2200	1.8				3.4	8	254.34	187.53
12/20/2001	10:00	7.25	2198	2.3				3.5	8.07	257.75	165.4
12/20/2001	11:00	7.22	2208	1.8				3.33	8.03	254.33	99.73
12/20/2001	12:01	7.24	2203	2.2				3.73	7.93	257.67	241.8
12/20/2001	12:14				7.33	2224	2.6				
12/20/2001	13:06	7.26	2197	2.1				4.2	7.83	259.71	216.5
12/20/2001	14:00	7.25	2197	2.1				4	7.43	252.84	74.43
12/20/2001	15:02	7.23	2195	1.8				3.67	7.6	256.9	31.33
12/20/2001	16:00	7.22	2194	2.3				1.73	5.67	251.07	3.07
12/20/2001	17:03	7.18	2193	2.2				1.67	6.73	250.08	0
12/20/2001	18:08	7.16	2189	2.6				1.57	8.23	261.66	0
12/20/2001	19:00	7.1	2190	2.1				1.23	7.13	267.4	0
12/20/2001	20:00	7.03	2187	2.1				1.4	7	274.66	0
12/20/2001	21:00	7.04	2181	2.2				1.6	7.33	276.68	0
12/20/2001	22:00	7.04	2187	2.2				1.77	7.67	285.87	0
12/20/2001	23:00	7.02	2185	2.0				1.68	7.65	294.67	0
12/21/2001	0:00	6.99	2184	2.2							
12/21/2001	0:20							1.65	8.15	297.22	0

Table A6-2. (cont.)

		East Flume RUSS			South Deep RUSS						
Date	Time	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Air Temperature (°C)	Wind Speed (m/s)	Wind Direction (Degrees from North)	Incident Light (W/m^2)
12/21/2001	1:00	6.97	2188	2.2				1.5	8.37	300.62	0
12/21/2001	2:00	6.94	2186	2.2				1.3	6.9	299.4	0
12/21/2001	3:00	6.93	2185	2.6				1.3	6.17	298.79	0
12/21/2001	4:00	6.69	2069	2.5				1.07	5.8	301.36	0
12/21/2001	5:00	6.48	2061	4.3				0.6	4.77	287.89	0
12/21/2001	6:00	6.37	2050	3.9				0.87	7.33	302.83	0
12/21/2001	7:00	6.65	2132	3.0				0.5	6.17	293.76	0.83
12/21/2001	8:00	6.79	2063	3.3				0.33	5.23	304.65	29.13
12/21/2001	9:00	6.39	2119	3.0				0	4.4	289.39	68.17
12/21/2001	10:00	6.39	2054	3.7				0.17	5.07	287.65	141.3
12/21/2001	11:00	6.47	2115	4.8				0.23	5.73	285.73	101
12/21/2001	12:00	6.49	2106	6.2				0.13	5.93	299.75	56.63
12/21/2001	12:11				6.75	2160	4.7				
12/21/2001	13:00	6.45	2117	6.7				0.2	6.25	315.88	88
12/21/2001	14:00	6.24	2118	5.3				0.47	6.03	318.33	78.3
12/21/2001	15:00	6.48	2149	4.2				0.37	5.23	301.51	30.2
12/21/2001	16:00	6.5	2150	4.5				0.23	4.13	288.23	6.53
12/21/2001	17:00	5.7	2060	6.9				-0.23	3.4	278.86	0
12/21/2001	18:00	5.65	2053	6.5				-0.2	2.97	284.38	0
12/21/2001	19:00	5.81	2074	6.1				0.2	3.8	288.66	0
12/21/2001	20:00	5.98	2093	5.1				0.87	6.33	311.68	0
12/21/2001	21:00	6.15	2117	4.2				0.5	4.97	312.34	0
12/21/2001	22:00	6.13	2117	5.6				0.4	4.83	312	0
12/21/2001	23:00	6.18	2123	4.3				0	4.45	298.25	0
12/22/2001	0:00	6.18	2139	4.2							
12/22/2001	0:20							-0.6	4.9	290.91	0
12/22/2001	1:00	6.19	2163	4.1				-1	4.3	287.95	0
12/22/2001	2:00	6.13	2154	4.3				-0.7	4.83	309.15	0
12/22/2001	3:00	5.48	2084	5.8				-0.8	4.67	322.03	0
12/22/2001	4:00	5.71	2112	5.6				-1.83	3.07	275.48	0
12/22/2001	5:00	5.78	2118	4.4				-2.43	3.03	7.37	0
12/22/2001	6:00	5.84	2142	4.4				-2.97	2.83	5.59	0
12/22/2001	7:00	5.16	2082	5.5				-3.7	2.93	6.49	0.43
12/22/2001	8:00	5.14	2081	6.2				-4.37	2.23	26.55	19.23
12/22/2001	9:00	5.01	2071	5.7				-4.2	1.33	46.39	86.37
12/22/2001	10:00	6.08	2149	3.5				-3.7	0.97	61.19	136.13
12/22/2001	11:00	6.29	2157	3.5				-3.17	0.67	23.09	162.73
12/22/2001	12:00	6.44	2173	3.3				-2.67	1.03	307.63	177.3
12/22/2001	12:13				6.57	2187	3.2				
12/22/2001	13:00	6.52	2168	3.0				-2.27	1.07	280.27	219.63
12/22/2001	14:00	6.52	2165	5.1				-2	1	232.7	132.97
12/22/2001	15:00	6.42	2145	3.1				-1.27	1.03	287.3	161.97
12/22/2001	16:00	6.51	2162	2.7				-1.5	0.97	9.64	34.4
12/22/2001	17:00	6.5	2160	3.3				-1.87	2.3	61.61	0.03
12/22/2001	18:00	6.39	2151	3.2				-2.2	2.97	83.15	0
12/22/2001	19:00	5.97	2115	3.7				-2.43	3.5	93.84	0
12/22/2001	20:00	5.87	2094	4.0				-2.63	3.57	88.95	0
12/22/2001	21:00	6.07	2098	5.1				-2.73	3.1	85.55	0
12/22/2001	22:00	6.44	2148	3.2				-2.63	3.7	92.65	0
12/22/2001	23:00	6.54	2137	3.2				-2.9	3.28	88.32	0
12/23/2001	0:00	6.5	2137	3.5							
12/23/2001	0:20							-3.05	4.05	89.1	0
12/23/2001	1:00	6.48	2143	3.2				-2.8	4.27	93.78	0
12/23/2001	2:00	6.44	2143	3.3				-2.5	4.67	81.85	0
12/23/2001	3:00	6.37	2130	3.3				-2.3	5.13	76.92	0
12/23/2001	4:00	6.2	2155	3.5				-2.3	5.73	76.02	0
12/23/2001	5:00	6.15	2083	4.1				-1.87	5.03	78.26	0
12/23/2001	6:00	6.19	2115	3.1				-2.1	5.23	65.54	0

Table A6-2. (cont.)

		East Flume RUSS			South Deep RUSS						
Date	Time	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Air Temperature (°C)	Wind Speed (m/s)	Wind Direction (Degrees from North)	Incident Light (W/m^2)
12/23/2001	7:00	6.12	2125	3.6				-2.47	4.43	84.64	2.13
12/23/2001	8:00	6.04	2106	3.3				-1.73	3.97	78.37	72.73
12/23/2001	9:00	6.02	2118	3.3				-0.93	3.27	77.7	71.2
12/23/2001	10:00	5.92	2096	3.9				-0.2	3.73	78.01	101.8
12/23/2001	11:00	6	2092	4.1				1.2	4.6	74.13	88.63
12/23/2001	12:00	5.94	2113	3.6				2.33	3.97	76.91	162.37
12/23/2001	12:12				6.28	2177	3.2				
12/23/2001	13:00	6.08	2093	3.7				3.43	3.4	69.79	79.77
12/23/2001	14:00	6.08	2083	3.6				3.8	3.87	75.95	45.1
12/23/2001	15:00	6.17	2073	3.7				5.5	4.6	117.14	11.9
12/23/2001	16:00	5.84	2089	4.0				6.23	3.9	127.37	2.07
12/23/2001	17:00	5.77	2090	4.0				6.57	5.17	156.74	0
12/23/2001	18:00	5.95	2130	4.0				6.47	4.73	146.57	0
12/23/2001	19:00	6.03	2133	3.5				6	4.83	144.19	0
12/23/2001	20:00	6.08	2144	3.3				5.57	4.03	102.59	0
12/23/2001	21:00	6.11	2119	3.3				6.13	3.47	125.27	0
12/23/2001	22:00	6.18	2117	3.0				5.07	2	164.23	0
12/23/2001	23:00	6.24	2141	2.9				4.88	2.95	161.19	0
12/24/2001	0:03	6.26	2131	3.0							
12/24/2001	0:20							5	3.8	188.24	0
12/24/2001	1:00	6.29	2151	3.0				5.1	3.83	253.96	0
12/24/2001	2:00	6.29	2189	3.1				3.57	4.87	281.32	0
12/24/2001	3:00	6.26	2144	3.1				3.17	2.63	254.87	0
12/24/2001	4:00	6.23	2130	3.0				2.83	3.8	264.66	0
12/24/2001	5:00	6.2	2136	2.8				2.6	2.1	271.16	0
12/24/2001	6:00	6.16	2138	2.6				2.23	1.67	194.27	0
12/24/2001	7:00	6.17	2135	2.5				1.67	1.47	204.08	0.4
12/24/2001	8:00	6.1	2140	2.3				1.63	2.07	230.85	60.13
12/24/2001	9:00	6.1	2135	3.0				2.17	2	236.89	201.97
12/24/2001	10:00	6.09	2137	2.9				2.63	3.67	223.82	259.37
12/24/2001	11:00	6.09	2214	2.6				3.17	4.07	236.54	359.73
12/24/2001	12:02	6.14	2217	2.7				3.17	5.7	238.87	314.6
12/24/2001	12:13				6.23	2182	3.0				
12/24/2001	13:35	6.16	2141	2.8				2.83	4.83	256.3	101.93
12/24/2001	14:01	6.02	2167	2.4				2.37	4.43	282.58	54.27
12/24/2001	15:00	6.13	2137	2.9				2.3	3.07	280.07	54.1
12/24/2001	16:00	6.09	2136	2.6				2.27	1.53	272.27	15.13
12/24/2001	17:00	6.09	2154	2.7				2.13	1	232.3	0.13
12/24/2001	18:00	6.11	2158	2.8				2.2	2.23	233.77	0
12/24/2001	19:00	6.09	2143	2.4				1.8	2.6	288.78	0
12/24/2001	20:00	6.04	2153	2.7				0.73	3	257.53	0
12/24/2001	21:00	6.01	2142	2.6				0.7	4.47	241.84	0
12/24/2001	22:00	6.01	2164	2.4				0.07	5.2	244.21	0
12/24/2001	23:00	5.95	2149	2.8				-0.48	4.75	241.6	0
12/25/2001	0:00	5.97	2147	2.6							
12/25/2001	0:20							-0.85	4	237.98	0
12/25/2001	1:00	6	2162	2.6				-0.93	3.67	225.2	0
12/25/2001	2:00	5.88	2140	2.6				-1.07	3.4	217.85	0
12/25/2001	3:00	5.93	2138	3.0				-1.27	3.47	202.29	0
12/25/2001	4:00	5.95	2139	2.7				-1.03	3.53	226.31	0
12/25/2001	5:00	5.77	2142	2.4				-0.7	4.33	231.08	0
12/25/2001	6:00	5.71	2157	2.1				-0.53	5	226.08	0
12/25/2001	7:00	5.88	2163	2.6				-0.43	5.03	223.78	0.37
12/25/2001	8:00	5.87	2152	2.8				-0.43	5.07	217.8	49.07
12/25/2001	9:00	5.72	2151	2.4				-0.2	5.6	220.33	197.03
12/25/2001	10:00	5.78	2160	2.3				0.07	5.73	225.53	312.33
12/25/2001	11:00	5.81	2168	2.5				0.2	4.97	222.95	388.33
12/25/2001	12:00	5.58	2178	1.8				0.63	4.5	235.02	408.9

Table A6-2. (cont.)

		East Flume RUSS			South Deep RUSS						
Date	Time	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Water Temperature (°C)	Specific Conductivity (µS/cm)	Turbidity (NTU)	Air Temperature (°C)	Wind Speed (m/s)	Wind Direction (Degrees from North)	Incident Light (W/m^2)
12/25/2001	12:13				6.02	2153	2.6				
12/25/2001	13:00	5.96	2155	2.4				1.17	4.77	242.74	380.6
12/25/2001	14:00	5.99	2151	2.5				1.47	4.33	239.34	215.73
12/25/2001	15:00	5.97	2136	2.4				1.33	3.8	240.43	78.37
12/25/2001	16:00	5.94	2134	2.9				1.17	3.03	240.19	20.27
12/25/2001	17:00	5.94	2139	2.4				0.9	2.07	235.38	0.1
12/25/2001	18:00	5.92	2162	2.4				0.9	1.43	195.46	0
12/25/2001	19:00	5.87	2149	2.2				0.83	1.13	230.93	0
12/25/2001	20:00	5.88	2146	2.5				0.57	1.93	278.89	0
12/25/2001	21:00	5.83	2146	2.9				-0.33	3.3	277.12	0
12/25/2001	22:00	5.8	2194	2.4				-1.17	2.03	259.8	0
12/25/2001	23:00	5.81	2158	2.5				-0.88	3.38	242.78	0
12/26/2001	0:00	5.79	2141	2.5							
12/26/2001	0:20							-1.65	5.5	221.75	0
12/26/2001	1:00	5.73	2143	2.4				-2.33	4.73	217.74	0
12/26/2001	2:00	5.72	2166	2.6				-3.1	3.5	202.58	0
12/26/2001	3:00	5.71	2160	2.6				-3.6	2.97	186.14	0
12/26/2001	4:00	5.66	2186	2.4				-3.97	3.3	179.29	0
12/26/2001	5:00	5.55	2184	2.4				-4.27	3.17	172.71	0
12/26/2001	6:00							-4.47	3	176.15	0
12/26/2001	7:00							-4.87	2.17	172.97	0.63
12/26/2001	8:00							-4.97	2.97	171.03	55.87
12/26/2001	9:00							-4.57	3.57	190.06	198.43
12/26/2001	10:00							-3.8	4.1	220.63	330.83
12/26/2001	11:00							-3.2	3.4	240.11	423.8
12/26/2001	12:00							-2.93	2.6	232	359.33
12/26/2001	12:13				5.87	2188	2.4				
12/26/2001	13:00							-2.6	2.9	198.6	365.5

BOLD outlined values show Event sampling times.

Table A6-3. Hydrolab Monitoring Measurements

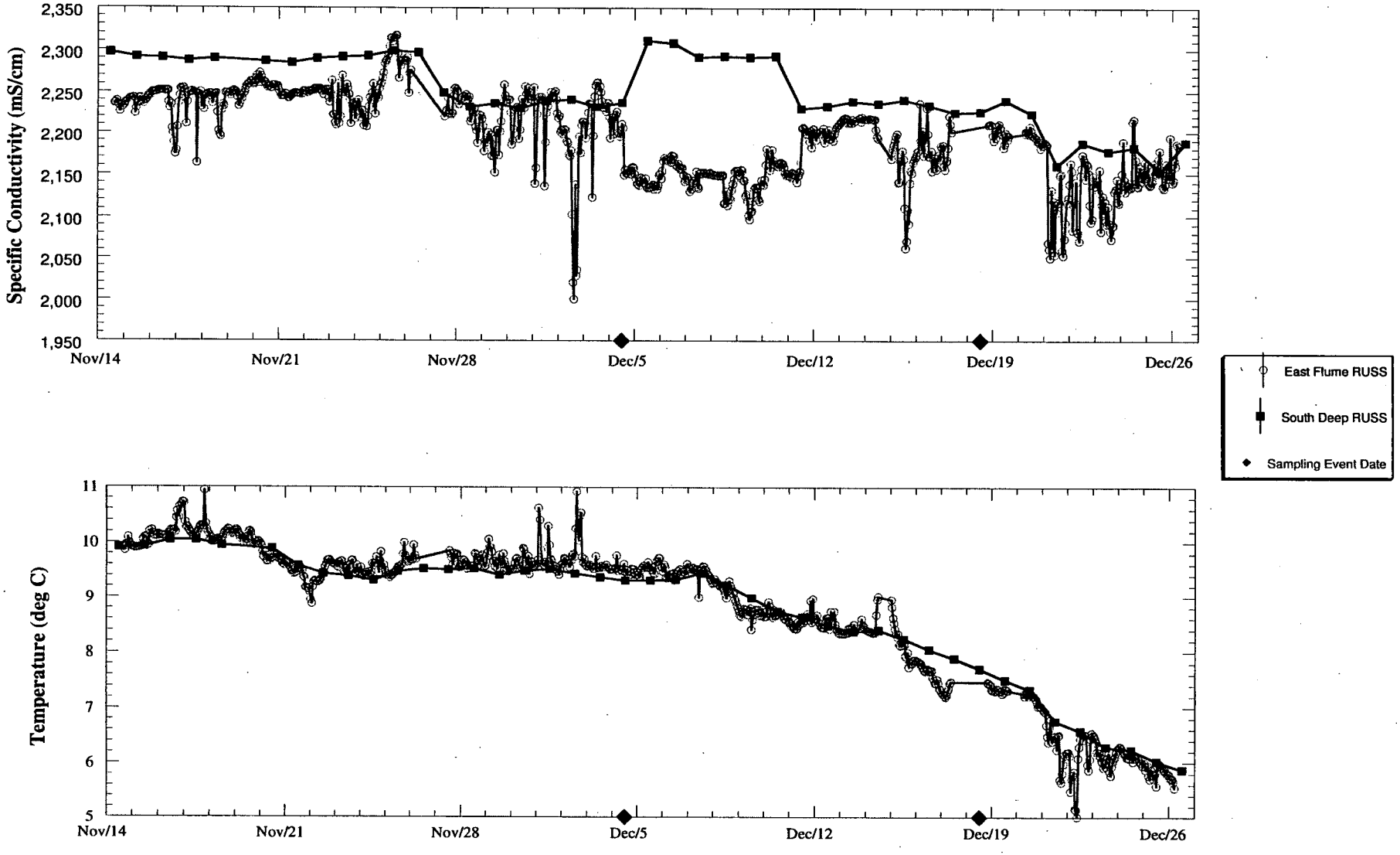
		Calm Event - December 4, 2001					Windy Event - December 18, 2001				
Station	Depth (m)	Temperature (°C)	Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Temperature (°C)	Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)
W60	0	9.16	2,065	7.55	9.37	337					
	1	9.15	2,065	7.62	9.29	339	7.41	2,204	7.59	10.67	402
	2	9.13	2,070	7.7	8.62	337	-	-	-	-	-
	3	9.14	2,080	7.7	8.56	339	-	-	-	-	-
W1	0	9.21	2,100	7.75	9.2	333	-	-	-	-	-
	1	9.21	2,096	7.75	8.95	339	7.54	2,195	7.9	9.8	377
	2	9.2	2,100	7.74	8.81	345	7.58	2,190	8.07	9.47	361
	3	9.15	2,110	7.74	8.84	346	7.58	2,192	8.09	9.44	359
	4	9.15	2,100	7.73	8.85	347	7.59	2,192	8.11	9.41	358
	4.5						7.59	2,193	8.12	9.39	356
	5	9.16	2,110	7.73	8.89	347					
	6	9.16	2,100	7.73	8.92	347	-	-	-	-	-
W61	0	-	-	-	-	-	-	-	-	-	-
	1	9.36	2,078	7.79	9.18	328	7.47	2,185	8.29	10.15	270
	2	-	-	-	-	-	-	-	-	-	-
	3	-	-	-	-	-	-	-	-	-	-
	4	-	-	-	-	-	-	-	-	-	-
	5	-	-	-	-	-	-	-	-	-	-
	6	-	-	-	-	-	-	-	-	-	-
W62	0	9.44	2,069	7.76	9.43	331	-	-	-	-	-
	1	9.39	2,070	7.74	9.44	338	7.24	2,128	8.3	10.09	285
	2	9.31	2,070	7.73	9.41	345	-	-	-	-	-
	3	9.26	2,080	7.73	9.56	346	-	-	-	-	-
	4	9.23	2,080*	7.73	9.69	347	-	-	-	-	-
	5	9.23	2,080*	7.73	9.79	347	-	-	-	-	-
	6	9.21	2,080*	7.73	9.20*	347	-	-	-	-	-

Table A6-3. (cont.)

		Calm Event - December 4, 2001					Windy Event - December 18, 2001				
Station	Depth (m)	Temperature (°C)	Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)	Temperature (°C)	Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	ORP (mV)
W63	0	9.82	2,053	7.72	8.69	336	-	-	-	-	-
	1	9.69	2,060	7.69	8.7	340	7.16	2,108	8.32	10.53	285
	2	9.38	2,068	7.71	8.54	345	7.14	2,118	8.38	10.12	281
	3	9.23	2,079*	7.72	8.66	346	7.14	2,148	8.44	9.71	280
	4	9.23	2,070	7.72	8.6	346	7.19	2,156	8.47	9.65	280
	5	-	-	-	-	-	-	-	-	-	-
	6	-	-	-	-	-	-	-	-	-	-
W67	0	9.82	2,053	7.72	9.07	340	-	-	-	-	-
	1	9.56	2,060	7.71	8.58	342	7.4	2,170	8.64	9.95	275
	2	9.46	2,073	7.71	8.36	343	-	-	-	-	-
	3	-	-	-	-	-	-	-	-	-	-
W64	0	10.03	2,040	7.66	8.55	337	-	-	-	-	-
	1	9.98	2,046	7.67	8.55	338	-	-	-	-	-
	2	9.29	2,069	7.71	8.62	340	7.3	2,169	8.69	9.64	273
	3	-	-	-	-	-	-	-	-	-	-
W65	0	10.54	2,030	7.68	8.6	338	-	-	-	-	-
	1	9.44	2,070	7.73	8.39	345	6.97	2,140	8.72	9.65	282
W66	0	10.79	2,014	7.66	9	346	6.81	2,114	8.8	10	279
W68	0	10.21	2,032	7.67	8.77	340	7.2	2,156	8.78	9.44	273

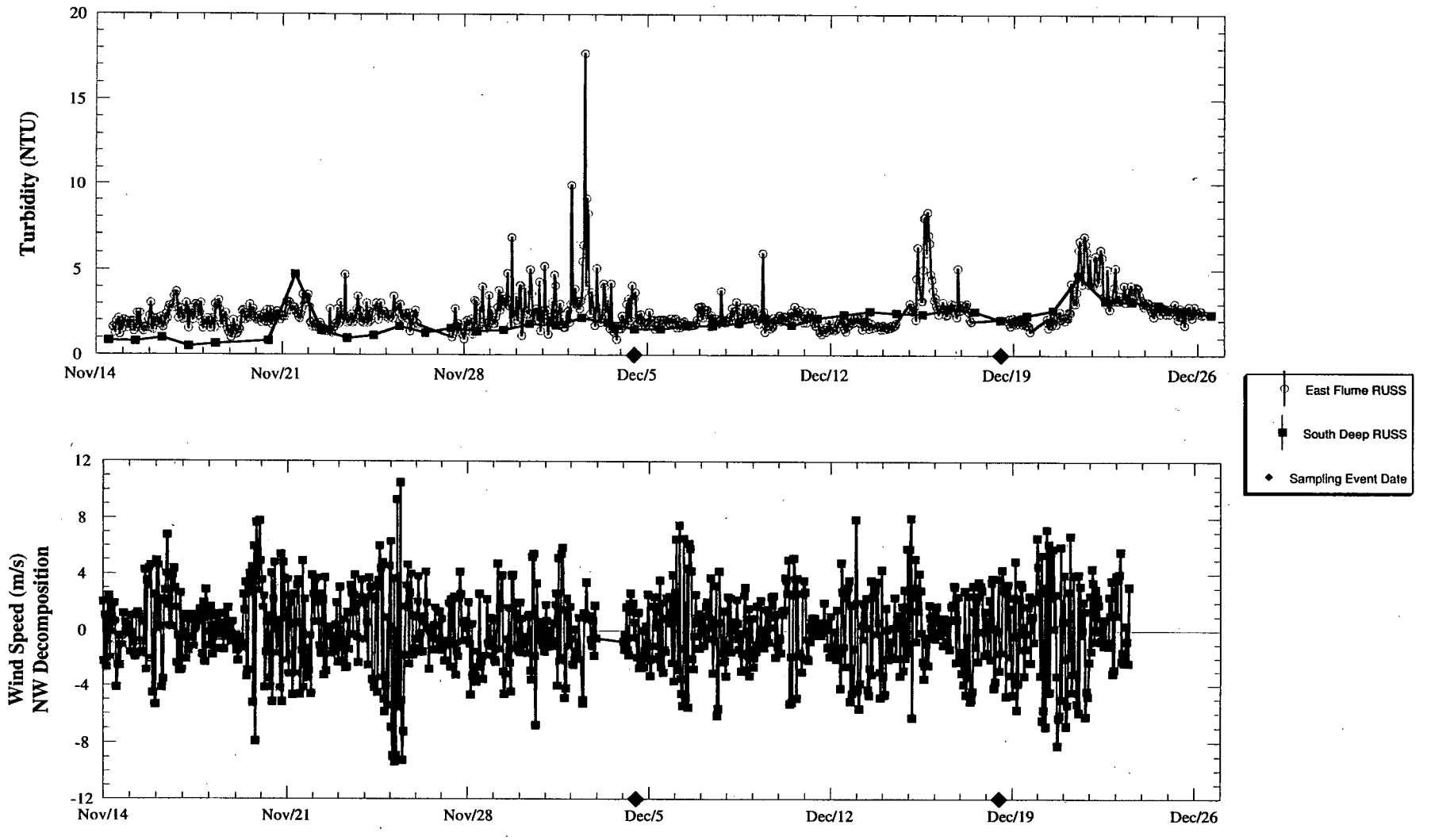
Notes: The approximate average was recorded.

* The readings from the Hydrolab for the marked samples were fluctuating and would not settle.



TAMS

Figure A6-1
Monitoring Data - Specific Conductivity and Temperature
November 2001 - December 2001



Note: Wind Speed NW Decomposition = Wind Speed x cos(Wind direction (degrees from N) - 315)
Wind from the NW = 1, Wind from SE = -1. Wind across lake (from SW) = 0

TAMS

Figure A6-2
Monitoring Data - Turbidity and NW Wind Decomposition
November 2001 - December 2001

ENVIRONMENTAL QUALITY ASSOCIATES, INC.

April 11, 2002

RECEIVED
APR 18 2002
TAMS CONSULTANTS, INC.
BLOOMFIELD, NJ

TAMS Consultants, Inc.
Att: Mr. Allen Burton
300 Broadacres Drive
Bloomfield, New Jersey 07003

Re: Data Review of Onandaga Lake Low-Level Mercury Samples
Case No. R0001, SDG Nos. 1204 and 1218

Dear Mr. Burton,

Enclosed please find the data review summaries for the subject analytical reports. Data review was performed utilizing EPA's Guidance on the Documentation and Evaluation of Trace Metals Data Collected for Clean Water Act Compliance Monitoring (EPA 821-B-96-002), along with Method 1631, Revision C (EPA 821-R-01-024) and its' associated guidance document (EPA 821-R-01-023). Discussion with the laboratory manager (M. Gauthier) indicated that the laboratory utilizes it's own developed method for low-level Hg, and not EPA 1631; she also indicated that the analytical SOP for this method had been approved by Larry Bailey of NYSDEC prior to performance of analyses. Further discussion with Ms. Gauthier revealed that the differences between the laboratory's method and EPA 1631 were largely based on different terminologies used to describe the various required QC elements. After reviewing both the laboratory SOP and a supporting document (attached) describing the key differences between EPA 1631 and Frontier Geosciences low-level Hg method, it is the reviewer's professional opinion that the differences as documented and described are inconsequential to the validity and usability of the reported sample results.

Samples were collected on 12/04/2001 and 12/18/2001, with 17 freshwater samples in each sampling round, designated as SDG Nos. 1204 and 1218, respectively. Samples were shipped to the laboratory via overnight courier on the same day as samples were collected, and arrived at Frontier Geosciences, Inc., Seattle, WA one day after collection, on 12/05 and 12/19/2001. Sample cooler temperatures upon receipt at the laboratory were between 3 and 4 degrees C, and samples were acid-preserved upon receipt at the laboratory.

Chain of Custody documents were dated and signed by shipping and receiving staff. Several cross-outs on the custody documents were not initialed or were not legible; the sampler was contacted directly to verify correct sample IDs. Also, the date of collection was not filled in on page 3 of 3 of the chain-of-custody for SDG 1218; the sampler verified verbally that all samples for that SDG were collected on 12/18/2001. It was noted that the equipment blank for SDG 1204 was inadvertently collected in a TSS bottle, which was not fluoropolymer. This sample was transferred to a fluoropolymer bottle at the laboratory prior to digestion and analysis. This blank exhibited a positive result for Hg of 0.44 ng/L; it is unknown what portion of the reported Hg value, if any, was due to potential contamination from the original sample container. All associated values, with the exception of the two dissolved (filtered) Hg samples, were above 5x the concentration in the equipment blank. It is further noted that no filter blank was collected, therefore any potential contamination resulting from the filtration device cannot be determined.

Method 1631 stipulates a frequency for field blank collection of one per 10 samples, while only one field (equipment) blank was collected for each sampling round of 17 samples. Further, the method requires one matrix spike / duplicate pair for each 10 samples collected, while only one MS/MSD pair were submitted for each sampling round. These excursions are stated as protocol deviations from Method 1631only; potential effects on the reported data are estimated to be minimal, and no data qualifiers were applied.

Spike recoveries were acceptable with recoveries ranging from 96.8% to 102.3%, indicative of no significant matrix interference effects. Blank spike recoveries ranged from 90.6% to 97.1%, indicating analytical process control; it is noted that the samples which the laboratory terms as Blank Spikes effectively function as the Ongoing Precision and Recovery samples (OPR) referred to in Method 1631.

Matrix duplicates exhibited acceptable precision, ranging from 4.5% to 19.9% RPD. Field duplicate samples were collected for both total and dissolved (filtered) Hg, with precision values ranging from 0% to 37% for total Hg, and from 3.9% to 10.5% for dissolved Hg. Method 1631, Section 9.7, states as follows: "... The RPD between field duplicates should be less than 20%. If the RPD of the field duplicates exceeds 20%, the laboratory should communicate this to the sampling team so that the source of error can be identified and corrective measures taken before the next sampling event." The RPD between field duplicate samples D63828 and D63829 for total Hg was 36.8%, therefore the sampling team should be informed of this exceedance, and investigate the potential cause of the high RPD value.

Initial calibrations were performed for each analysis sequence at five non-blank concentrations, per method requirements, and verified with a mid-point ICV standard immediately after calibration. ICV recoveries ranged from 91.1% to 96.4%. Continuing calibration recoveries were acceptable, ranging from 94.4% to 101.3%. All reported sample concentrations were calculated from a best-fit regression line established from the associated initial calibration; r-squared values ranged from 0.9976 to 0.9999. The equation used to calculate the reported Hg values is given in the laboratory reports. Several values were randomly re-calculated from the raw data and were verified against reported values with no disparities noted.

The laboratory did not include the results from the initial demonstration of laboratory capability (accuracy and precision); although the inclusion of these data are not mandatory, the laboratory is required to perform this demonstration, keep the results on file at the laboratory, and repeat the demonstration if any significant equipment or method modifications are implemented. Discussion with the laboratory director indicated that this analytical exercise had been successfully performed, and that the results were maintained on file at the laboratory. Also, the results of ongoing compilation of precision and recovery values from matrix spikes / duplicates, and resultant derived error band limits, were not included in the data report. The laboratory director attributed this omission as due to the lab not having a 'LIMS' system. Therefore, the reviewer has deferred to the Method 1631 published acceptance values (Tables 2 and 3, page 29) for data evaluation; all reported recovery and precision values were within these stated limits.

In summation, all reported data results are unqualified on the basis of reported QC results as compared against published acceptance ranges within EPA Method 1631.

Should you have any questions or comments pertaining to the above information or attached documents, please do not hesitate to contact me.

Very truly yours,
Environmental Quality Associates, Inc.

Chris W. Taylor
Vice President

Attachments

Data Inspection Checklist

Low-Level Mercury by EPA Method 1631

Reviewer Name:	Chris W. Taylor	Company:	Environmental Quality Associates, Inc.
Review Date(s):	4/08-09/2002	Client:	TAMS Consultants, Inc.
Case Number:	R0001	SDG Number:	1218

Freshwater Samples Collected

Field Sample ID		Date	Comments
D63818	Blank	12/18/01	Equipment Blank
D63819	W60-1m	12/18/01	(total Hg)
D63820	W1-1m	12/18/01	(total Hg)
D63821	W1-1m	12/18/01	(dissolved Hg)
D63822	W1-6m	12/18/01	(total Hg)
D63823	W61-1m	12/18/01	(total Hg)
D63824	W62-1m	12/18/01	(total Hg)
D63825	W63-1m	12/18/01	(total Hg)
D63826	W63-4m	12/18/01	(total Hg)
D63827	W67-1m	12/18/01	(total Hg)
D63828	W64-2m	12/18/01	(total Hg)
D63829	W64-2m	12/18/01	Field Dupe (total Hg)
D63830	W64-2m	12/18/01	(dissolved Hg)
D63831	W64-2m	12/18/01	Field Dupe (diss. Hg)
D63832	W65-1m	12/18/01	(total Hg)
D63833	W66-0.3m	12/18/01	(total Hg)
D63834	W68-0.3m	12/18/01	(total Hg)

Freshwater Samples Analyzed

Field Sample ID		Date	Hg Result, ng/L (ppt)
D63818	Blank	01/10/02	0.33 U
D63819	W60-1m	01/10/02	4.70
D63820	W1-1m	01/10/02	3.72
D63821	W1-1m	01/10/02	0.77
D63822	W1-6m	01/10/02	3.77
D63823	W61-1m	01/10/02	4.26
D63824	W62-1m	01/10/02	9.59
D63825	W63-1m	01/10/02	14.9
D63826	W63-4m	01/10/02	17.2
D63827	W67-1m	01/10/02	20.5
D63828	W64-2m	01/10/02	15.1
D63829	W64-2m	01/10/02	21.9
D63830	W64-2m	01/11/02	1.01
D63831	W64-2m	01/11/02	1.05
D63832	W65-1m	01/11/02	11.8
D63833	W66-0.3m	01/11/02	49.4
D63834	W68-0.3m	01/11/02	19.9

CCVs required per method	4	CCVs reported:	4
CCBs required per method	4	CCBs reported:	4
Field Blanks required per method:	2	Field Blanks collected:	1
Lab Blanks required per method:	6	Lab Blanks reported:	6
OPR analyses required:	2	OPR analyses reported:	2
MS/MSD samples required:	2	MS/MSD samples reported:	1
Field Duplicates required:	2	Field Duplicates reported:	2
MDL results required:	1	MDL results reported:	1

Data Inspection Checklist

Low-Level Mercury by EPA Method 1631

Reviewer Name:	Chris W. Taylor	Company:	Environmental Quality Associates, Inc.
Review Date(s):	4/08-09/2002	Client:	TAMS Consultants, Inc.
Case Number:	R0001	SDG Number:	1218

Initial Calibration

	Yes	No
Was a multi-point initial calibration (ICAL) performed ?	X	
Were all reported sample concentrations within calibrated range ?	X	
If No, list affected samples.		
Did the ICAL meet linearity criteria ?	n/a	
If No, was a calibration curve used to calculate sample concentrations ?	X	

Method Detection Limit (MDL) / Minimum Level (ML)

	Yes	No
Did the laboratory demonstrate the ability to achieve the required MDL ?		X
Note: the laboratory's estimated MDL is 0.33 ng/L (p. 0019); the Method 1631 required ML is 0.50 ng/L. The ML is derived by multiplying the MDL by 3.18, and then rounding upward; in this case the laboratory's ML would be 1.0 ng/L. Samples 63818 and 63821 were reported below the calculated ML. Refer to the data review narrative for discussion / details.		
Did the ICAL range encompass the ML ?	X	
Were all field samples detected below the ML reported as non-detects ?		X

If No to any of the above questions, describe problem and provide evaluation of impacts on reported data:
See Note above. Impact on data integrity is considered to be inconsequential.

Data Inspection Checklist

Low-Level Mercury by EPA Method 1631

Reviewer Name:	Chris W. Taylor	Company:	Environmental Quality Associates, Inc.
Review Date(s):	4/08-09/2002	Client:	TAMS Consultants, Inc.
Case Number:	R0001	SDG Number:	1218

Initial Calibration Verification (ICV) / Initial Calibration Blanks (ICB)

	Yes	No
Was an ICV run prior to field sample analysis ?	X	
Were ICV recoveries within acceptable range ?	X	
Was the ICV followed directly by an ICB ?	X	
Was the ICB free from contamination above the ML concentration ?	X	

If No to any of the above questions, describe problem and provide evaluation of impacts on reported data:

Initial Precision and Recovery (IPR)

	Yes	No
Were IPR data reported for each analyte ?		X

Note: IPR data are not required to be reported with the data package. The laboratory must maintain records of IPR performance, and repeat the IPR process whenever significant equipment changes or method changes are made. Refer to data review narrative.

Ongoing Precision and Recovery (OPR)

Were OPR data reported for each analyte, instrument and batch ? Note: the laboratory's Blank Spike serves as the OPR.	X	
Did all OPR samples meet required recovery criteria (77 - 123%) ?	X	

If No to any of the above questions, describe problem and provide evaluation of impacts on reported data:

Data Inspection Checklist

Low-Level Mercury by EPA Method 1631

Reviewer Name:	Chris W. Taylor	Company:	Environmental Quality Associates, Inc.
Review Date(s):	4/08-09/2002	Client:	TAMS Consultants, Inc.
Case Number:	R0001	SDG Number:	1218

Continuing Calibration Verification (CCV) / Continuing Calibration Blanks (CCB)

	Yes	No
Were CCVs run prior to each batch of 10 samples on each instrument ?	X	
Were all CCV recoveries within acceptable range ?	X	
Was each CCV followed directly by a CCB ?	X	
Was each CCB free from contamination above the ML concentration ?		X

If No to any of the above questions, describe problem and provide evaluation of impacts on reported data:
CCB2 on 01/10/02 exhibited Hg conc. of 0.267 ng/L. Samples D63830 - 34 were re-analyzed on 01/11/02, with acceptable CCBs. Samples D63823 - 29, which were analyzed between CCB1 & 2 on 01/10/02, all exhibited Hg concs. >10x CCB2 conc.; therefore all reported values for those samples are unaffected.

Laboratory (Method) Blanks

	Yes	No
Was a method blank analyzed for each instrument and sample batch ?	X	
Was each method blank free of contamination above the ML value ?	X	

If No to any of the above questions, describe problem and provide evaluation of impacts on reported data:

Field Blanks

Was a field blank analyzed for each 10 samples per site ?		X
Was each field blank free of contamination above the ML value ?	X	

If No to any of the above questions, describe problem and provide evaluation of impacts on reported data:
One field (equipment) blank was submitted for all field samples collected. No filter blank was analyzed for the dissolved Hg samples; therefore the potential impact of filter device contamination on reported dissolved Hg concentrations cannot be estimated.

Data Inspection Checklist

Low-Level Mercury by EPA Method 1631

Reviewer Name:	Chris W. Taylor	Company:	Environmental Quality Associates, Inc.
Review Date(s):	4/08-09/2002	Client:	TAMS Consultants, Inc.
Case Number:	R0001	SDG Number:	1218

Matrix Spike (MS) / Matrix Duplicate (MD) Results

	Yes	No
Were appropriate number of MS/MD samples analyzed ?		X
Were MS recoveries within acceptable range ?	X	
Were MD precision values (%RPD) within limits ?	X	

If No to any of the above questions, describe problem and provide evaluation of impacts on reported data:

Method 1631 specifies that a spiked duplicate pair for each 10 samples collected from a site is required; therefore the method frequency was not met for this sampling event. This is noted as a method compliance excursion; no data qualifiers were warranted.

Additional Information

	Yes	No
Were statements of data quality provided for MS/MSD and Blank Spikes ? (see EPA / 821-B-96-002, Sect. 10 & 11)		X
Did field duplicate samples exhibit acceptable precision ?		X

Calculate the %RPD for each field duplicate pair:

Sample ID:	D63828	D63829	total Hg % RPD
Result:	15.1	21.9	36.8

Sample ID:	D63830	D63831	diss. Hg % RPD
Result:	1.01	1.05	3.9

If both total and dissolved samples were analyzed, were dissolved values lower than total values ?	X	

If No to any of the above questions, describe problem and provide evaluation of impacts on reported data:

No lab-generated MS / MD / LCS acceptable recovery / precision ranges were included with the data package. No data qualifiers were warranted, however the lab should include these data in future reports.

Method 1631 specifies an acceptable RPD limit between field dupe samples of 20%; the RPD for total Hg exceeded this value, at 37%. See data review narrative for discussion / details.

Data Inspection Checklist

Low-Level Mercury by EPA Method 1631

Reviewer Name:	Chris W. Taylor	Company:	Environmental Quality Associates, Inc.
Review Date(s):	4/08-09/2002	Client:	TAMS Consultants, Inc.
Case Number:	R0001	SDG Number:	1204

Freshwater Samples Collected

Field Sample ID		Date	Comments
D63801	Blank	12/04/01	Equipment Blank
D63802	W60-1m	12/04/01	(total Hg)
D63803	W1-1m	12/04/01	(total Hg)
D63804	W1-1m	12/04/01	(dissolved Hg)
D63805	W1-6m	12/04/01	(total Hg)
D63806	W61-1m	12/04/01	(total Hg)
D63807	W62-1m	12/04/01	(total Hg)
D63808	W63-1m	12/04/01	(total Hg)
D63809	W63-4m	12/04/01	(total Hg)
D63810	W67-1m	12/04/01	(total Hg)
D63811	W64-2m	12/04/01	(total Hg)
D63812	W64-2m	12/04/01	Field Dupe (total Hg)
D63813	W64-2m	12/04/01	(dissolved Hg)
D63814	W64-2m	12/04/01	Field Dupe (diss. Hg)
D63815	W65-1m	12/04/01	(total Hg)
D63816	W66-0.3m	12/04/01	(total Hg)
D63817	W68-0.3m	12/04/01	(total Hg)

Freshwater Samples Analyzed

Field Sample ID		Date	Hg Result, ng/L (ppt)
D63801	Blank	12/19/01	0.44
D63802	W60-1m	12/19/01	4.52
D63803	W1-1m	12/19/01	3.57
D63804	W1-1m	12/19/01	2.82
D63805	W1-6m	12/19/01	4.22
D63806	W61-1m	12/19/01	5.09
D63807	W62-1m	12/19/01	4.45
D63808	W63-1m	12/19/01	9.02
D63809	W63-4m	12/19/01	6.12
D63810	W67-1m	12/19/01	14.1
D63811	W64-2m	12/19/01	4.89
D63812	W64-2m	12/19/01	4.89
D63813	W64-2m	12/19/01	0.99
D63814	W64-2m	12/19/01	1.10
D63815	W65-1m	12/19/01	14.8
D63816	W66-0.3m	12/19/01	10.5
D63817	W68-0.3m	12/19/01	10.2

CCVs required per method	3	CCVs reported:	3
CCBs required per method	3	CCBs reported:	3
Field Blanks required per method:	2	Field Blanks collected:	1
Lab Blanks required per method:	3	Lab Blanks reported:	3
OPR analyses required:	1	OPR analyses reported:	1
MS/MSD samples required:	2	MS/MSD samples reported:	1
Field Duplicates required:	2	Field Duplicates reported:	2
MDL results required:	1	MDL results reported:	1

Data Inspection Checklist

Low-Level Mercury by EPA Method 1631

Reviewer Name:	Chris W. Taylor	Company:	Environmental Quality Associates, Inc.
Review Date(s):	4/08-09/2002	Client:	TAMS Consultants, Inc.
Case Number:	R0001	SDG Number:	1204

Initial Calibration

	Yes	No
Was a multi-point initial calibration (ICAL) performed ?	X	
Were all reported sample concentrations within calibrated range ?	X	
If No, list affected samples.		
Did the ICAL meet linearity criteria ?	n/a	
If No, was a calibration curve used to calculate sample concentrations ?	X	

Method Detection Limit (MDL) / Minimum Level (ML)

	Yes	No
Did the laboratory demonstrate the ability to achieve the required MDL ?	X	

Note: the laboratory's estimated MDL is 0.10 ng/L (p. 0035); the Method 1631 required ML is 0.50 ng/L. The ML is derived by multiplying the MDL by 3.18, and then rounding upward; in this case the laboratory's ML would be 0.4 ng/L. All samples reported were above the calculated ML.

Did the ICAL range encompass the ML ?	X	
Were all field samples detected below the ML reported as non-detects ?	n/a	

If No to any of the above questions, describe problem and provide evaluation of impacts on reported data:

Data Inspection Checklist

Low-Level Mercury by EPA Method 1631

Reviewer Name:	Chris W. Taylor	Company:	Environmental Quality Associates, Inc.
Review Date(s):	4/08-09/2002	Client:	TAMS Consultants, Inc.
Case Number:	R0001	SDG Number:	1204

Initial Calibration Verification (ICV) / Initial Calibration Blanks (ICB)

	Yes	No
Was an ICV run prior to field sample analysis ?	X	
Were ICV recoveries within acceptable range ?	X	
Was the ICV followed directly by an ICB ?	X	
Was the ICB free from contamination above the ML concentration ?	X	

If No to any of the above questions, describe problem and provide evaluation of impacts on reported data:

Initial Precision and Recovery (IPR)

	Yes	No
Were IPR data reported for each analyte ?		X

Note: IPR data are not required to be reported with the data package. The laboratory must maintain records of IPR performance, and repeat the IPR process whenever significant equipment changes or method changes are made. Refer to data review narrative.

Ongoing Precision and Recovery (OPR)

Were OPR data reported for each analyte, instrument and batch ? Note: the laboratory's Blank Spike serves as the OPR.	X	
Did all OPR samples meet required recovery criteria (77 - 123%) ?	X	

If No to any of the above questions, describe problem and provide evaluation of impacts on reported data:

Data Inspection Checklist

Low-Level Mercury by EPA Method 1631

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Case Number:	R0001	SDG Number:	1204

Continuing Calibration Verification (CCV) / Continuing Calibration Blanks (CCB)

	Yes	No
Were CCVs run prior to each batch of 10 samples on each instrument ?	X	
Were all CCV recoveries within acceptable range ?	X	
Was each CCV followed directly by a CCB ?	X	
Was each CCB free from contamination above the ML concentration ?	X	

If No to any of the above questions, describe problem and provide evaluation of impacts on reported data:

Laboratory (Method) Blanks

	Yes	No
Was a method blank analyzed for each instrument and sample batch ?	X	
Was each method blank free of contamination above the ML value ?	X	

If No to any of the above questions, describe problem and provide evaluation of impacts on reported data:

Field Blanks

Was a field blank analyzed for each 10 samples per site ?		X
Was each field blank free of contamination above the ML value ?	X	

If No to any of the above questions, describe problem and provide evaluation of impacts on reported data:

One field (equipment) blank was submitted for all field samples collected. No filter blank was analyzed for the dissolved Hg samples; therefore the potential impact of filter device contamination on reported dissolved Hg concentrations cannot be estimated. Also, the Hg field blank was inadvertently collected in a poly bottle, and transferred to a Teflon bottle at the laboratory; it is unknown whether this container contributed to the reported value of 0.44 ng/L.

Data Inspection Checklist

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Matrix Spike (MS) / Matrix Duplicate (MD) Results

	Yes	No
Were appropriate number of MS/MD samples analyzed ?		X
Were MS recoveries within acceptable range ?	X	
Were MD precision values (%RPD) within limits ?	X	

If No to any of the above questions, describe problem and provide evaluation of impacts on reported data:
Method 1631 specifies that a spiked duplicate pair for each 10 samples collected from a site is required; therefore the method frequency was not met for this sampling event. This is noted as a method compliance excursion; no data qualifiers were warranted.

Additional Information

	Yes	No
Were statements of data quality provided for MS/MSD and Blank Spikes ? (see EPA / 821-B-96-002, Sect. 10 & 11)		X
Did field duplicate samples exhibit acceptable precision ?	X	

Calculate the %RPD for each field duplicate pair:

Sample ID:	D63811	D63812	total Hg % RPD
Result:	4.89	4.89	0

Sample ID:	D63813	D63814	diss. Hg % RPD
Result:	0.99	1.10	10.5

If both total and dissolved samples were analyzed, were dissolved values lower than total values ?	X	

If No to any of the above questions, describe problem and provide evaluation of impacts on reported data:
No lab-generated MS / MD / LCS acceptable recovery / precision ranges were included with the data package. No data qualifiers were warranted, however the lab should include these data in future reports.Refer to data review narrative.

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Table B1-1. TCL VOCs in 30-cm Cores

Station	Date	Depth (cm)	Duplicate	Sample Number	Acetone (µg/kg-dw)	Benzene (µg/kg-dw)	Bromodichloro-methane (µg/kg-dw)	Bromoform (µg/kg-dw)	Bromo-methane (µg/kg-dw)	2-Butanone (µg/kg-dw)	Carbon disulfide (µg/kg-dw)	Carbon tetrachloride (µg/kg-dw)
S359	8/16/2000	0 - 15		SF0008	30 U	7.4 U	7.4 U	7.4 U	7.4 U	15 U	15 U	7.4 U
S359	8/16/2000	15 - 30		SF0009	30 U	7.4 U	7.4 U	7.4 U	7.4 U	15 U	15 U	7.4 U
S361	8/15/2000	0 - 15	D1	SF0013	20 U	9 U	9 U	9 U	9 U	18 U	18 U	9 U
S361	8/15/2000	0 - 15	D2	SF0163	20 U	9 U	9 U	9 U	9 U	2.9	18 U	9 U
S361	8/15/2000	15 - 30		SF0014	22 U	9.6 U	9.6 U	9.6 U	9.6 U	5.2	17	9.6 U
S362	8/15/2000	0 - 15		SF0015	20 U	8.8 U	8.8 U	8.8 U	8.8 U	18 U	2.1	8.8 U
S362	8/15/2000	15 - 30		SF0016	210	5.1	8.8 U	8.8 U	8.8 U	60	4.2	8.8 U
S363	8/15/2000	0 - 2		SF0017	80 U	170	39 U	39 U	39 U	10	78 U	39 U
S363	8/15/2000	2 - 15	D1	SF0018	5,000 UJ	1,200	1,200 U	1,200 U	1,200 UJ	2,500 UJ	2,500 U	1,200 U
S363	8/15/2000	2 - 15	D2	SF0175	4,900 UJ	950	1,200 U	1,200 U	1,200 UJ	2,500 UJ	2,500 U	1,200 U
S363	8/15/2000	15 - 30		SF0019	7,400 UJ	1,400	1,800 U	1,800 U	1,800 UJ	3,700 UJ	3,700 U	1,800 U
S364	8/15/2000	0 - 15		SF0020	81	6.8	16 U	16 U	16 U	17	32 U	16 U
S364	8/15/2000	15 - 30		SF0021	280 J	30 J	18 UJ	18 UJ	18 UJ	61 J	10 J	18 UJ
S365	8/13/2000	0 - 15		SF0022	28	15 U	15 U	15 U	15 U	6	30 U	15 U
S365	8/15/2000	15 - 30		SF0023	100 UJ	17 J	25 UJ	25 UJ	25 UJ	19 J	28 J	25 UJ

Table B1-1. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Chloro-benzene (µg/kg-dw)	Chloro-ethane (µg/kg-dw)	Chloroform (µg/kg-dw)	Chloro-methane (µg/kg-dw)	Dibromochloro-methane (µg/kg-dw)	1,1-Dichloro-ethane (µg/kg-dw)	1,2-Dichloro-ethane (µg/kg-dw)
S359	8/16/2000	0 - 15		SF0008	7.4 U	7.4 U	7.4 U	7.4 U	7.4 U	7.4	7.4 U
S359	8/16/2000	15 - 30		SF0009	7.4 U	7.4 U	7.4 U	7.4 U	7.4 U	7.4	7.4 U
S361	8/15/2000	0 - 15	D1	SF0013	9 U	9 U	9 U	9 U	9 U	9	9 U
S361	8/15/2000	0 - 15	D2	SF0163	9 U	9 U	9 U	9 U	9 U	9	9 U
S361	8/15/2000	15 - 30		SF0014	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6	9.6 U
S362	8/15/2000	0 - 15		SF0015	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U	8.8	8.8 U
S362	8/15/2000	15 - 30		SF0016	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U	8.8	8.8 U
S363	8/15/2000	0 - 2		SF0017	39 U	39 U	39 U	39 U	39 U	39	39 U
S363	8/15/2000	2 - 15	D1	SF0018	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200	1,200 U
S363	8/15/2000	2 - 15	D2	SF0175	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200	1,200 U
S363	8/15/2000	15 - 30		SF0019	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800	1,800 U
S364	8/15/2000	0 - 15		SF0020	16 U	16 U	16 U	16 UJ	16 U	16	16 U
S364	8/15/2000	15 - 30		SF0021	18 UJ	18 UJ	18 UJ	18 UJ	18 UJ	18	18 UJ
S365	8/13/2000	0 - 15		SF0022	15 U	15 U	15 U	15 U	15 U	15	15 U
S365	8/15/2000	15 - 30		SF0023	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ	25	25 UJ

Table B1-1. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	1,1-Dichloro-ethene (µg/kg-dw)	Cis-1,2-dichloro-ethene (µg/kg-dw)	Trans-1,2-Dichloroethene (µg/kg-dw)	1,2-Dichloro-propane (µg/kg-dw)	Cis-1,3-dichloro-propene (µg/kg-dw)	Trans-1,3-dichloropropene (µg/kg-dw)
S359	8/16/2000	0 - 15		SF0008	7.4 U	7.4 U	7.4 U	7.4 U	7.4 U	7.4 U
S359	8/16/2000	15 - 30		SF0009	7.4 U	7.4 U	7.4 U	7.4 U	7.4 U	7.4 U
S361	8/15/2000	0 - 15	D1	SF0013	9 U	9 U	9 U	9 U	9 U	9 U
S361	8/15/2000	0 - 15	D2	SF0163	9 U	9 U	9 U	9 U	9 U	9 U
S361	8/15/2000	15 - 30		SF0014	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
S362	8/15/2000	0 - 15		SF0015	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U
S362	8/15/2000	15 - 30		SF0016	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U
S363	8/15/2000	0 - 2		SF0017	39 U	39 U	39 U	39 U	39 U	39 U
S363	8/15/2000	2 - 15	D1	SF0018	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U
S363	8/15/2000	2 - 15	D2	SF0175	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U
S363	8/15/2000	15 - 30		SF0019	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U
S364	8/15/2000	0 - 15		SF0020	16 U	16 U	16 U	16 U	16 U	16 U
S364	8/15/2000	15 - 30		SF0021	18 UJ	18 UJ	18 UJ	18 UJ	18 UJ	18 UJ
S365	8/13/2000	0 - 15		SF0022	15 U	15 U	15 U	15 U	15 U	15 U
S365	8/15/2000	15 - 30		SF0023	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ

Table B1-1. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Ethylbenzene (µg/kg-dw)	2-Hexanone (µg/kg-dw)	4-Methyl-2-pentanone (µg/kg-dw)	Methylene chloride (µg/kg-dw)	Styrene (µg/kg-dw)	1,1,2,2-Tetrachloro-ethane (µg/kg-dw)	Tetrachloro-ethene (µg/kg-dw)
S359	8/16/2000	0 - 15		SF0008	7.4 U	15 U	15 U	7.4 U	7.4 U	7.4 U	7.4 U
S359	8/16/2000	15 - 30		SF0009	7.4 U	15 U	15 U	7.4 U	7.4 U	7.4 U	7.4 U
S361	8/15/2000	0 - 15	D1	SF0013	9 U	18 U	18 U	9 U	9 U	9 U	9 U
S361	8/15/2000	0 - 15	D2	SF0163	9 U	18 U	18 U	9 U	9 U	9 U	9 U
S361	8/15/2000	15 - 30		SF0014	9.6 U	19 U	19 U	9.6 U	9.6 U	9.6 U	9.6 U
S362	8/15/2000	0 - 15		SF0015	8.8 U	18 U	18 U	8.8 U	8.8 U	8.8 U	8.8 U
S362	8/15/2000	15 - 30		SF0016	8.8 U	18 U	18 U	8.8 U	8.8 U	8.8 U	8.8 U
S363	8/15/2000	0 - 2		SF0017	190	78 U	78 U	39 U	39 U	39 U	39 U
S363	8/15/2000	2 - 15	D1	SF0018	1,100	2,500 UJ	2,500 UJ	1,200 U	1,200 U	1,200 UJ	1,200 U
S363	8/15/2000	2 - 15	D2	SF0175	1,100	2,500 UJ	2,500 UJ	1,200 U	1,200 U	1,200 UJ	1,200 U
S363	8/15/2000	15 - 30		SF0019	770	3,700 UJ	3,700 UJ	1,800 U	1,800 U	1,800 UJ	1,800 U
S364	8/15/2000	0 - 15		SF0020	16 U	32 U	32 U	4.2	16 U	16 U	16 U
S364	8/15/2000	15 - 30		SF0021	18 UJ	36 UJ	5.1 J	18 UJ	18 UJ	18 UJ	18 UJ
S365	8/13/2000	0 - 15		SF0022	15 U	30 U	30 U	15 U	15 U	15 U	15 U
S365	8/15/2000	15 - 30		SF0023	25 UJ	50 UJ	50 UJ	25 UJ	25 UJ	25 UJ	25 UJ

Table B1-1. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Toluene (µg/kg-dw)	1,1,1-Trichloro-ethane (µg/kg-dw)	1,1,2-Trichloro-ethane (µg/kg-dw)	Trichloro-ethene (µg/kg-dw)	Vinyl chloride (µg/kg-dw)	Xylene (m,p) (µg/kg-dw)	Xylene (o) (µg/kg-dw)
S359	8/16/2000	0 - 15		SF0008	7.4 U	7.4 U	7.4 U	7.4 U	7.4 U	7.4 U	7.4 U
S359	8/16/2000	15 - 30		SF0009	7.4 U	7.4 U	7.4 U	7.4 U	7.4 U	7.4 U	7.4 U
S361	8/15/2000	0 - 15	D1	SF0013	9 U	9 U	9 U	9 U	9 U	9 U	9 U
S361	8/15/2000	0 - 15	D2	SF0163	9 U	9 U	9 U	9 U	9 U	9 U	9 U
S361	8/15/2000	15 - 30		SF0014	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
S362	8/15/2000	0 - 15		SF0015	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U
S362	8/15/2000	15 - 30		SF0016	5.7	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U
S363	8/15/2000	0 - 2		SF0017	1,300	39 U	39 U	39 U	39 U	2,900	1,000
S363	8/15/2000	2 - 15	D1	SF0018	8,100	1,200 U	1,200 U	1,200 U	1,200 U	2,2000	5,800
S363	8/15/2000	2 - 15	D2	SF0175	7,900	1,200 U	1,200 U	1,200 U	1,200 U	24,000	5,900
S363	8/15/2000	15 - 30		SF0019	7,100	1,800 U	1,800 U	1,800 U	1,800 U	15,000	3,800
S364	8/15/2000	0 - 15		SF0020	16 U	16 U	16 U	16 U	16 U	16 U	16 U
S364	8/15/2000	15 - 30		SF0021	11 J	18 UJ	18 UJ	18 UJ	18 UJ	9 J	4 J
S365	8/13/2000	0 - 15		SF0022	15 U	15 U	15 U	15 U	15 U	15 U	15 U
S365	8/15/2000	15 - 30		SF0023	7.5 J	25 UJ	25 UJ	25 UJ	25 UJ	12 J	8 J

Table B1-2. TCL SVOCs in 30-cm Cores

Station	Date	Depth (cm)	Duplicate	Sample Number	Acenaphthene (µg/kg-dw)	Acenaphthylene (µg/kg-dw)	Anthracene (µg/kg-dw)	Benz-(a)anthracene (µg/kg-dw)	Benzo-(a)pyrene (µg/kg-dw)
OT6	8/9/2000	0 - 15		SF0161	140 U	140 U	140 U	140 U	140 U
OT7	8/14/2000	0 - 15		SF0162	120 UJ	120 UJ	120 UJ	120 UJ	120 UJ
S356	8/16/2000	0 - 15		SF0001	56 U	56 U	56 U	56 U	56 U
S356	8/16/2000	15 - 30		SF0002	60 U	60 U	60 U	60 U	60 U
S357	8/16/2000	0 - 2		SF0003	72 U	72 U	72 U	72 U	72 U
S357	8/16/2000	2 - 15		SF0004	59 U	59 U	59 U	120	110
S357	8/16/2000	15 - 30		SF0005	57 UJ	57 UJ	57 UJ	57 UJ	57 UJ
S358	8/16/2000	0 - 15		SF0006	55 U	55 U	55 U	55 U	55 U
S358	8/16/2000	15 - 30		SF0007	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ
S359	8/16/2000	0 - 15		SF0008	49 UJ	49 UJ	93 J	230 J	200 J
S359	8/16/2000	15 - 30		SF0009	48 U	48 U	92	230	230
S360	8/16/2000	0 - 2	D1	SF0010	59 UJ	59 UJ	59 UJ	110 J	130 J
S360	8/16/2000	0 - 2	D2	SF0066	58 UJ	58 UJ	58 UJ	110 J	120 J
S360	8/16/2000	2 - 15	D1	SF0011	61 U	61 U	61 U	78	95
S360	8/16/2000	2 - 15	D2	SF0164	58 UJ	58 UJ	58 UJ	58 UJ	58 UJ
S360	8/16/2000	15 - 30	D1	SF0012	56 U	56 U	56 U	56 U	56 U
S360	8/16/2000	15 - 30	D2	SF0169	56 UJ	56 UJ	56 UJ	56 UJ	56 UJ
S361	8/15/2000	0 - 15	D1	SF0013	56 U	56 U	56 U	56 U	56 U
S361	8/15/2000	0 - 15	D2	SF0163	56 U	56 U	56 U	59	56 U
S361	8/15/2000	15 - 30		SF0014	74 UJ	74 UJ	74 UJ	74 UJ	74 UJ
S362	8/15/2000	0 - 15		SF0015	53 U	53 U	53 U	53 U	53 U
S362	8/15/2000	15 - 30		SF0016	58 U	58 U	58 U	58 U	58 U
S363	8/15/2000	0 - 2		SF0017	51 UJ	51 UJ	51 UJ	51 UJ	51 UJ
S363	8/15/2000	2 - 15	D1	SF0018	680 U	680 U	680 U	680 U	680 U
S363	8/15/2000	2 - 15	D2	SF0175	68 U	68 U	68 U	68 U	68 U
S363	8/15/2000	15 - 30		SF0019	300 U	300 U	300 U	300 U	300 U

Table B1-2. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Acenaphthene (µg/kg-dw)	Acenaphthylene (µg/kg-dw)	Anthracene (µg/kg-dw)	Benz-(a)anthracene (µg/kg-dw)	Benzo-(a)pyrene (µg/kg-dw)
S364	8/15/2000	0 - 15		SF0020	110 UJ	110 UJ	110 UJ	110 UJ	110 UJ
S364	8/15/2000	15 - 30		SF0021	110 UJ	110 UJ	110 UJ	110 UJ	110 UJ
S365	8/13/1900	0 - 15		SF0022	87 U	87 U	87 U	87 U	87 U
S365	8/15/2000	15 - 30		SF0023	160 U	160 U	160 U	160 U	160 U
S366	8/15/2000	0 - 15		SF0024	63 U	63 U	63 U	63 U	63 U
S366	8/15/2000	15 - 30		SF0025	61 U	61 U	61 U	61 U	61 U
S367	8/15/2000	0 - 2		SF0026	58 U	58 U	75	260	270
S367	8/15/2000	2 - 15		SF0027	58 U	58 U	58 U	58 U	58 U
S367	8/15/2000	15 - 30		SF0028	320	61 U	1,300	1,200	1,400
S368	8/15/2000	0 - 15		SF0029	65 U	65 U	65 U	65 U	65 U
S368	8/15/2000	15 - 30		SF0030	63 U	63 U	63 U	63 U	63 U
S369	8/15/2000	0 - 15		SF0031	57 U	57 U	57 U	57 U	57 U
S369	8/15/2000	15 - 30		SF0032	59 U	59 U	59 U	59 U	59 U
S370	8/17/2000	0 - 2		SF0033	55 UJ	55 UJ	55 UJ	55 UJ	58 J
S370	8/17/2000	2 - 15		SF0034	51 UJ	51 UJ	51 UJ	51 UJ	51 UJ
S370	8/17/2000	15 - 30		SF0035	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ
S371	8/17/2000	0 - 15		SF0036	65 UJ	65 UJ	89 J	290 J	340 J
S371	8/17/2000	15 - 30		SF0037	62 UJ	62 UJ	62 UJ	210 J	250 J
S372	8/11/1900	0 - 15		SF0050	57 U	57 U	57 U	57 U	57 U
S372	8/17/2000	15 - 30	D1	SF0039	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ
S372	8/17/2000	15 - 30	D2	SF0165	54 UJ	54 UJ	54 UJ	54 UJ	54 UJ
S373	8/17/2000	0 - 2		SF0040	57 UJ	57 UJ	57 UJ	57 UJ	67 J
S373	8/17/2000	2 - 15		SF0041	57 UJ	57 UJ	57 UJ	120 J	150 J
S373	8/17/2000	15 - 30		SF0042	67 UJ	91 J	150 J	250 J	290 J
S374	8/17/2000	0 - 15		SF0043	67 UJ	67 UJ	67 UJ	67 UJ	67 UJ
S374	8/17/2000	15 - 30		SF0044	68 UJ	68 UJ	68 UJ	68 UJ	68 UJ

Table B1-2. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Benzo-(b)fluoranthene (µg/kg-dw)	Benzo-(g,h,i)perylene (µg/kg-dw)	Benzo-(k)fluoranthene (µg/kg-dw)	Benzyl Alcohol (µg/kg-dw)	Bis(2-chloroethoxy) methane (µg/kg-dw)	Bis(2-chloroethyl) ether (µg/kg-dw)	Bis(2-ethylhexyl) phthalate (µg/kg-dw)
OT6	8/9/2000	0 - 15		SF0161	140 U	140 U	140 U	730 U	140 U	140 U	140 U
OT7	8/14/2000	0 - 15		SF0162	120 UJ	120 UJ	120 UJ	620 UJ	120 UJ	120 UJ	120 UJ
S356	8/16/2000	0 - 15		SF0001	56 U	56 U	56 U	290 UJ	56 U	56 U	56 U
S356	8/16/2000	15 - 30		SF0002	60 U	60 U	60 U	310 U	60 U	60 U	1,300
S357	8/16/2000	0 - 2		SF0003	72 U	72 U	72 U	370 U	72 U	72 U	72 U
S357	8/16/2000	2 - 15		SF0004	85	59 U	83	300 U	59 U	59 U	59 U
S357	8/16/2000	15 - 30		SF0005	57 UJ	57 UJ	57 UJ	290 UJ	57 UJ	57 UJ	57 UJ
S358	8/16/2000	0 - 15		SF0006	55 U	55 U	55 U	280 U	55 U	55 U	55 U
S358	8/16/2000	15 - 30		SF0007	55 UJ	55 UJ	55 UJ	280 UJ	55 UJ	55 UJ	55 UJ
S359	8/16/2000	0 - 15		SF0008	170 J	110 J	170 J	250 UJ	49 UJ	49 UJ	49 UJ
S359	8/16/2000	15 - 30		SF0009	200	150	200	250 U	48 U	48 U	77 U
S360	8/16/2000	0 - 2	D1	SF0010	120 J	85 J	120 J	300 UJ	59 UJ	59 UJ	120 UJ
S360	8/16/2000	0 - 2	D2	SF0066	120 J	89 J	110 J	300 UJ	58 UJ	58 UJ	100 UJ
S360	8/16/2000	2 - 15	D1	SF0011	89	66	93	310 U	61 U	61 U	100 U
S360	8/16/2000	2 - 15	D2	SF0164	58 UJ	58 UJ	58 UJ	300 UJ	58 UJ	58 UJ	110 UJ
S360	8/16/2000	15 - 30	D1	SF0012	56 U	56 U	56 U	290 UJ	56 U	56 U	56 U
S360	8/16/2000	15 - 30	D2	SF0169	56 UJ	56 UJ	56 UJ	290 UJ	56 UJ	56 UJ	56 UJ
S361	8/15/2000	0 - 15	D1	SF0013	56 U	56 U	56 U	290 U	56 U	56 U	56 U
S361	8/15/2000	0 - 15	D2	SF0163	56 U	56 U	56 U	290 U	56 U	56 U	56 U
S361	8/15/2000	15 - 30		SF0014	74 UJ	74 UJ	74 UJ	380 UJ	74 UJ	74 UJ	74 UJ
S362	8/15/2000	0 - 15		SF0015	53 U	53 U	53 U	270 U	53 U	53 U	53 U
S362	8/15/2000	15 - 30		SF0016	58 U	58 U	58 U	300 UJ	58 U	58 U	58 U
S363	8/15/2000	0 - 2		SF0017	51 UJ	51 UJ	51 UJ	260 UJ	51 UJ	51 UJ	74 UJ
S363	8/15/2000	2 - 15	D1	SF0018	680 U	680 U	680 U	3,500 U	680 U	680 U	680 U
S363	8/15/2000	2 - 15	D2	SF0175	68 U	68 U	68 U	350 U	68 U	68 U	68 U
S363	8/15/2000	15 - 30		SF0019	300 U	300 U	300 U	1,500 U	300 U	300 U	300 U

Table B1-2. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Benzo-(b)fluoranthene (µg/kg-dw)	Benzo-(g,h,i) perylene (µg/kg-dw)	Benzo-(k)fluoranthene (µg/kg-dw)	Benzyl Alcohol (µg/kg-dw)	Bis(2-chloroethoxy) methane (µg/kg-dw)	Bis(2-chloroethyl) ether (µg/kg-dw)	Bis(2-ethylhexyl) phthalate (µg/kg-dw)
S364	8/15/2000	0 - 15		SF0020	110 UJ	110 UJ	110 UJ	540 U	110 UJ	110 UJ	110 UJ
S364	8/15/2000	15 - 30		SF0021	110 UJ	110 UJ	110 UJ	590 U	110 UJ	110 UJ	120 U
S365	8/13/1900	0 - 15		SF0022	87 U	87 U	87 U	450 U	87 U	87 U	87 U
S365	8/15/2000	15 - 30		SF0023	160 U	160 U	160 U	820 U	160 U	160 U	160 U
S366	8/15/2000	0 - 15		SF0024	63 U	63 U	63 U	320 U	63 U	63 U	63 U
S366	8/15/2000	15 - 30		SF0025	61 U	61 U	61 U	310 U	61 U	61 U	61 U
S367	8/15/2000	0 - 2		SF0026	190	160	210	300 U	58 U	58 U	120 U
S367	8/15/2000	2 - 15		SF0027	58 U	58 U	58 U	300 U	58 U	58 U	58 U
S367	8/15/2000	15 - 30		SF0028	1,300	970	1,200	320 U	61 U	61 U	490 U
S368	8/15/2000	0 - 15		SF0029	65 U	65 U	65 U	340 U	65 U	65 U	67 U
S368	8/15/2000	15 - 30		SF0030	63 U	63 U	63 U	330 U	63 U	63 U	63 U
S369	8/15/2000	0 - 15		SF0031	57 U	57 U	57 U	290 U	57 U	57 U	57 U
S369	8/15/2000	15 - 30		SF0032	59 U	59 U	59 U	300 U	59 U	59 U	59 U
S370	8/17/2000	0 - 2		SF0033	55 UJ	55 UJ	55 UJ	280 UJ	55 UJ	55 UJ	62 J
S370	8/17/2000	2 - 15		SF0034	51 UJ	51 UJ	51 UJ	260 UJ	51 UJ	51 UJ	55 J
S370	8/17/2000	15 - 30		SF0035	55 UJ	55 UJ	55 UJ	290 UJ	55 UJ	55 UJ	57 J
S371	8/17/2000	0 - 15		SF0036	290 J	220 J	320 J	330 UJ	65 UJ	65 UJ	220 J
S371	8/17/2000	15 - 30		SF0037	220 J	160 J	210 J	320 UJ	62 UJ	62 UJ	220 J
S372	8/11/1900	0 - 15		SF0050	57 U	57 U	57 U	290 U	57 U	57 U	100
S372	8/17/2000	15 - 30	D1	SF0039	55 UJ	55 UJ	55 UJ	280 UJ	55 UJ	55 UJ	55 UJ
S372	8/17/2000	15 - 30	D2	SF0165	54 UJ	54 UJ	54 UJ	280 UJ	54 UJ	54 UJ	64 J
S373	8/17/2000	0 - 2		SF0040	57 UJ	57 UJ	69 J	290 UJ	57 UJ	57 UJ	130 J
S373	8/17/2000	2 - 15		SF0041	140 J	99 J	120 J	300 UJ	57 UJ	57 UJ	490 J
S373	8/17/2000	15 - 30		SF0042	350 J	240 J	270 J	350 UJ	67 UJ	67 UJ	2,000 J
S374	8/17/2000	0 - 15		SF0043	67 UJ	67 UJ	67 UJ	340 UJ	67 UJ	67 UJ	67 UJ
S374	8/17/2000	15 - 30		SF0044	68 UJ	68 UJ	68 UJ	350 UJ	68 UJ	68 UJ	110 J

Table B1-2. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	4-Bromophenyl-phenyl ether (µg/kg-dw)	Butylbenzyl-phthalate (µg/kg-dw)	Carbazole (µg/kg-dw)	4-Chloro-3-methylphenol (µg/kg-dw)	4-Chloro-aniline (µg/kg-dw)	2-Chloro-naphthalene (µg/kg-dw)	2-Chloro-phenol (µg/kg-dw)
OT6	8/9/2000	0 - 15		SF0161	140 U	140 U	140 U	730 U	140 U	140 U	140 U
OT7	8/14/2000	0 - 15		SF0162	120 UJ	120 UJ	120 UJ	620 UJ	120 UJ	120 UJ	120 UJ
S356	8/16/2000	0 - 15		SF0001	56 U	56 U	56 U	290 UJ	56 U	56 U	56 UJ
S356	8/16/2000	15 - 30		SF0002	60 U	60 U	60 U	310 U	60 U	60 U	60 U
S357	8/16/2000	0 - 2		SF0003	72 U	72 U	72 U	370 U	72 U	72 U	72 U
S357	8/16/2000	2 - 15		SF0004	59 U	59 U	59 U	300 U	59 U	59 U	59 U
S357	8/16/2000	15 - 30		SF0005	57 UJ	57 UJ	57 UJ	290 UJ	57 UJ	57 UJ	57 UJ
S358	8/16/2000	0 - 15		SF0006	55 U	55 U	55 U	280 U	55 U	55 U	55 U
S358	8/16/2000	15 - 30		SF0007	55 UJ	55 UJ	55 UJ	280 UJ	55 UJ	55 UJ	55 UJ
S359	8/16/2000	0 - 15		SF0008	49 UJ	49 UJ	56 J	250 UJ	49 UJ	49 UJ	49 UJ
S359	8/16/2000	15 - 30		SF0009	48 U	48 U	48 U	250 U	48 U	48 U	48 U
S360	8/16/2000	0 - 2	D1	SF0010	59 UJ	59 UJ	59 UJ	300 UJ	59 UJ	59 UJ	59 UJ
S360	8/16/2000	0 - 2	D2	SF0066	58 UJ	58 UJ	58 UJ	300 UJ	58 UJ	58 UJ	58 UJ
S360	8/16/2000	2 - 15	D1	SF0011	61 U	61 U	61 U	310 U	61 U	61 U	61 U
S360	8/16/2000	2 - 15	D2	SF0164	58 UJ	58 UJ	58 UJ	300 UJ	58 UJ	58 UJ	58 UJ
S360	8/16/2000	15 - 30	D1	SF0012	56 U	56 U	56 U	290 UJ	56 U	56 U	56 UJ
S360	8/16/2000	15 - 30	D2	SF0169	56 UJ	56 UJ	56 UJ	290 UJ	56 UJ	56 UJ	56 UJ
S361	8/15/2000	0 - 15	D1	SF0013	56 U	56 U	56 U	290 U	56 U	56 U	56 U
S361	8/15/2000	0 - 15	D2	SF0163	56 U	56 U	56 U	290 U	56 U	56 U	56 U
S361	8/15/2000	15 - 30		SF0014	74 UJ	74 UJ	74 UJ	380 UJ	74 UJ	74 UJ	74 UJ
S362	8/15/2000	0 - 15		SF0015	53 U	53 U	53 U	270 U	53 U	53 U	53 U
S362	8/15/2000	15 - 30		SF0016	58 U	58 U	58 U	300 UJ	58 U	58 U	58 UJ
S363	8/15/2000	0 - 2		SF0017	51 UJ	51 UJ	51 UJ	260 UJ	51 UJ	51 UJ	51 UJ
S363	8/15/2000	2 - 15	D1	SF0018	680 U	680 U	680 U	3,500 U	680 U	680 U	680 U
S363	8/15/2000	2 - 15	D2	SF0175	68 U	68 U	68 U	350 U	68 U	68 U	68 U
S363	8/15/2000	15 - 30		SF0019	300 U	300 U	300 U	1,500 U	300 U	300 U	300 U

Table B1-2. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	4-Bromophenyl-phenyl ether (µg/kg-dw)	Butylbenzyl-phthalate (µg/kg-dw)	Carbazole (µg/kg-dw)	4-Chloro-3-methylphenol (µg/kg-dw)	4-Chloro-aniline (µg/kg-dw)	2-Chloro-naphthalene (µg/kg-dw)	2-Chloro-phenol (µg/kg-dw)
S364	8/15/2000	0 - 15		SF0020	110 UJ	110 UJ	110 UJ	540 U	110 UJ	110 UJ	110 U
S364	8/15/2000	15 - 30		SF0021	110 UJ	110 UJ	110 UJ	590 UJ	110 UJ	110 UJ	110 UJ
S365	8/13/1900	0 - 15		SF0022	87 U	87 U	87 U	450 U	87 U	87 U	87 U
S365	8/15/2000	15 - 30		SF0023	160 U	160 U	160 U	820 U	160 U	160 U	160 U
S366	8/15/2000	0 - 15		SF0024	63 U	63 U	63 U	320 U	63 U	63 U	63 U
S366	8/15/2000	15 - 30		SF0025	61 U	61 U	61 U	310 U	61 U	61 U	61 U
S367	8/15/2000	0 - 2		SF0026	58 U	58 U	58 U	300 U	58 U	58 U	58 U
S367	8/15/2000	2 - 15		SF0027	58 U	58 U	58 U	300 U	58 U	58 U	58 U
S367	8/15/2000	15 - 30		SF0028	61 U	61 U	190	320 U	61 U	61 U	61 U
S368	8/15/2000	0 - 15		SF0029	65 U	65 U	65 U	340 U	65 U	65 U	65 U
S368	8/15/2000	15 - 30		SF0030	63 U	63 U	63 U	330 U	63 U	63 U	63 U
S369	8/15/2000	0 - 15		SF0031	57 U	57 U	57 U	290 U	57 U	57 U	57 U
S369	8/15/2000	15 - 30		SF0032	59 U	59 U	59 U	300 U	59 U	59 U	59 U
S370	8/17/2000	0 - 2		SF0033	55 UJ	55 UJ	55 UJ	280 UJ	55 UJ	55 UJ	55 UJ
S370	8/17/2000	2 - 15		SF0034	51 UJ	51 UJ	51 UJ	260 UJ	51 UJ	51 UJ	51 UJ
S370	8/17/2000	15 - 30		SF0035	55 UJ	55 UJ	55 UJ	290 UJ	55 UJ	55 UJ	55 UJ
S371	8/17/2000	0 - 15		SF0036	65 UJ	65 UJ	65 UJ	330 UJ	65 UJ	65 UJ	65 UJ
S371	8/17/2000	15 - 30		SF0037	62 UJ	62 UJ	62 UJ	320 UJ	62 UJ	62 UJ	62 UJ
S372	8/11/1900	0 - 15		SF0050	57 U	57 U	57 U	290 U	57 UJ	57 U	57 U
S372	8/17/2000	15 - 30	D1	SF0039	55 UJ	55 UJ	55 UJ	280 UJ	55 UJ	55 UJ	55 UJ
S372	8/17/2000	15 - 30	D2	SF0165	54 UJ	54 UJ	54 UJ	280 UJ	54 UJ	54 UJ	54 UJ
S373	8/17/2000	0 - 2		SF0040	57 UJ	57 UJ	57 UJ	290 UJ	57 UJ	57 UJ	57 UJ
S373	8/17/2000	2 - 15		SF0041	57 UJ	57 UJ	57 UJ	300 UJ	57 UJ	57 UJ	57 UJ
S373	8/17/2000	15 - 30		SF0042	67 UJ	67 UJ	67 UJ	350 UJ	67 UJ	67 UJ	67 UJ
S374	8/17/2000	0 - 15		SF0043	67 UJ	67 UJ	67 UJ	340 UJ	67 UJ	67 UJ	67 UJ
S374	8/17/2000	15 - 30		SF0044	68 UJ	68 UJ	68 UJ	350 UJ	68 UJ	68 UJ	68 UJ

Table B1-2. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	4-Chlorophenyl-phenyl ether (µg/kg-dw)	Chrysene (µg/kg-dw)	Dibenz(a,h) anthracene (µg/kg-dw)	Dibenzofuran (µg/kg-dw)	1,2-Dichloro-benzene (µg/kg-dw)	1,3-Dichloro-benzene (µg/kg-dw)	1,4-Dichloro-benzene (µg/kg-dw)
OT6	8/9/2000	0 - 15		SF0161	140 U	140 U	140 U	140 U	140 U	140 U	140 U
OT7	8/14/2000	0 - 15		SF0162	120 UJ	120 UJ	120 UJ	120 UJ	120 UJ	120 UJ	120 UJ
S356	8/16/2000	0 - 15		SF0001	56 U	56 U	56 U	56 U	56 U	56 U	56 U
S356	8/16/2000	15 - 30		SF0002	60 U	60 U	60 U	60 U	60 U	60 U	60 U
S357	8/16/2000	0 - 2		SF0003	72 U	72 U	72 U	72 U	72 U	72 U	72 U
S357	8/16/2000	2 - 15		SF0004	59 U	110	59 U	59 U	59 U	59 U	59 U
S357	8/16/2000	15 - 30		SF0005	57 UJ	57 UJ	57 UJ	57 UJ	57 UJ	57 UJ	57 UJ
S358	8/16/2000	0 - 15		SF0006	55 U	55 U	55 U	55 U	55 U	55 U	55 U
S358	8/16/2000	15 - 30		SF0007	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ
S359	8/16/2000	0 - 15		SF0008	49 UJ	270 J	49 UJ	49 UJ	49 UJ	49 UJ	49 UJ
S359	8/16/2000	15 - 30		SF0009	48 U	250	53	48 U	48 U	48 U	48 U
S360	8/16/2000	0 - 2	D1	SF0010	59 UJ	150 J	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ
S360	8/16/2000	0 - 2	D2	SF0066	58 UJ	140 J	58 UJ	58 UJ	58 UJ	58 UJ	58 UJ
S360	8/16/2000	2 - 15	D1	SF0011	61 U	110	61 U	61 U	61 U	61 U	61 U
S360	8/16/2000	2 - 15	D2	SF0164	58 UJ	60 J	58 UJ	58 UJ	58 UJ	58 UJ	58 UJ
S360	8/16/2000	15 - 30	D1	SF0012	56 U	56 U	56 U	56 U	56 U	56 U	56 U
S360	8/16/2000	15 - 30	D2	SF0169	56 UJ	56 UJ	56 UJ	56 UJ	56 UJ	56 UJ	56 UJ
S361	8/15/2000	0 - 15	D1	SF0013	56 U	56 U	56 U	56 U	56 U	56 U	56 U
S361	8/15/2000	0 - 15	D2	SF0163	56 U	63	56 U	56 U	56 U	56 U	56 U
S361	8/15/2000	15 - 30		SF0014	74 UJ	74 UJ	74 UJ	74 UJ	74 UJ	74 UJ	74 UJ
S362	8/15/2000	0 - 15		SF0015	53 U	53 U	53 U	53 U	53 U	53 U	53 U
S362	8/15/2000	15 - 30		SF0016	58 U	58 U	58 U	58 U	58 U	58 U	58 U
S363	8/15/2000	0 - 2		SF0017	51 UJ	51 UJ	51 UJ	51 UJ	51 UJ	51 UJ	51 UJ
S363	8/15/2000	2 - 15	D1	SF0018	680 U	680 U	680 U	680 U	680 U	680 U	680 U
S363	8/15/2000	2 - 15	D2	SF0175	68 U	68 U	68 U	68 U	68 U	68 U	68 U
S363	8/15/2000	15 - 30		SF0019	300 U	300 U	300 U	300 U	300 U	300 U	300 U

Table B1-2. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	4-Chlorophenyl-phenyl ether (µg/kg-dw)	Chrysene (µg/kg-dw)	Dibenz(a,h) anthracene (µg/kg-dw)	Dibenzofuran (µg/kg-dw)	1,2-Dichloro-benzene (µg/kg-dw)	1,3-Dichloro-benzene (µg/kg-dw)	1,4-Dichloro-benzene (µg/kg-dw)
S364	8/15/2000	0 - 15		SF0020	110 UJ	110 UJ	110 UJ	110 UJ	110 UJ	110 UJ	110 UJ
S364	8/15/2000	15 - 30		SF0021	110 UJ	110 UJ	110 UJ	110 UJ	110 UJ	110 UJ	110 UJ
S365	8/13/1900	0 - 15		SF0022	87 U	87 U	87 U	87 U	87 U	87 U	87 U
S365	8/15/2000	15 - 30		SF0023	160 U	160 U	160 U	160 U	160 U	160 U	160 U
S366	8/15/2000	0 - 15		SF0024	63 U	63 U	63 U	63 U	63 U	63 U	63 U
S366	8/15/2000	15 - 30		SF0025	61 U	61 U	61 U	61 U	61 U	61 U	61 U
S367	8/15/2000	0 - 2		SF0026	58 U	270	60	58 U	58 U	58 U	58 U
S367	8/15/2000	2 - 15		SF0027	58 U	58 U	58 U	58 U	58 U	58 U	58 U
S367	8/15/2000	15 - 30		SF0028	61 U	1,600	380	61 U	700	280	1,900
S368	8/15/2000	0 - 15		SF0029	65 U	65 U	65 U	65 U	65 U	65 U	65 U
S368	8/15/2000	15 - 30		SF0030	63 U	63 U	63 U	63 U	63 U	63 U	63 U
S369	8/15/2000	0 - 15		SF0031	57 U	57 U	57 U	57 U	57 U	57 U	57 U
S369	8/15/2000	15 - 30		SF0032	59 U	59 U	59 U	59 U	59 U	59 U	59 U
S370	8/17/2000	0 - 2		SF0033	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ
S370	8/17/2000	2 - 15		SF0034	51 UJ	51 UJ	51 UJ	51 UJ	51 UJ	51 UJ	51 UJ
S370	8/17/2000	15 - 30		SF0035	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ
S371	8/17/2000	0 - 15		SF0036	65 UJ	320 J	65 UJ	65 UJ	65 UJ	65 UJ	65 UJ
S371	8/17/2000	15 - 30		SF0037	62 UJ	250 J	62 UJ	62 UJ	62 UJ	62 UJ	62 UJ
S372	8/11/1900	0 - 15		SF0050	57 U	57 U	57 U	57 U	57 U	57 U	57 U
S372	8/17/2000	15 - 30	D1	SF0039	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ
S372	8/17/2000	15 - 30	D2	SF0165	54 UJ	54 UJ	54 UJ	54 UJ	54 UJ	54 UJ	54 UJ
S373	8/17/2000	0 - 2		SF0040	57 UJ	64 J	57 UJ	57 UJ	57 UJ	57 UJ	57 UJ
S373	8/17/2000	2 - 15		SF0041	57 UJ	140 J	57 UJ	57 UJ	57 UJ	57 UJ	57 UJ
S373	8/17/2000	15 - 30		SF0042	67 UJ	380 J	67 UJ	67 UJ	67 UJ	67 UJ	190 J
S374	8/17/2000	0 - 15		SF0043	67 UJ	67 UJ	67 UJ	67 UJ	67 UJ	67 UJ	67 UJ
S374	8/17/2000	15 - 30		SF0044	68 UJ	68 UJ	68 UJ	68 UJ	68 UJ	68 UJ	68 UJ

Table B1-2. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	3,3-Dichloro-benzidine (µg/kg-dw)	2,4-Dichloro-phenol (µg/kg-dw)	Diethyl-phthalate (µg/kg-dw)	2,4-Dimethyl-phenol (µg/kg-dw)	Dimethyl-phthalate (µg/kg-dw)	Di-n-butylphthalate (µg/kg-dw)
OT6	8/9/2000	0 - 15		SF0161	140 U	730 U	140 U	730 U	140 U	140 U
OT7	8/14/2000	0 - 15		SF0162	120 UJ	620 UJ	120 UJ	620 UJ	120 UJ	190 UJ
S356	8/16/2000	0 - 15		SF0001	56 U	290 UJ	56 U	290 UJ	56 U	56 U
S356	8/16/2000	15 - 30		SF0002	60 U	310 U	60 U	310 U	60 U	60 U
S357	8/16/2000	0 - 2		SF0003	72 U	370 U	72 U	370 U	72 U	72 U
S357	8/16/2000	2 - 15		SF0004	59 U	300 U	59 U	300 U	59 U	59 U
S357	8/16/2000	15 - 30		SF0005	57 UJ	290 UJ	57 UJ	290 UJ	57 UJ	57 UJ
S358	8/16/2000	0 - 15		SF0006	55 U	280 U	55 U	280 U	55 U	55 U
S358	8/16/2000	15 - 30		SF0007	55 UJ	280 UJ	55 UJ	280 UJ	55 UJ	55 UJ
S359	8/16/2000	0 - 15		SF0008	49 UJ	250 UJ	49 UJ	250 UJ	49 UJ	49 UJ
S359	8/16/2000	15 - 30		SF0009	48 U	250 U	48 U	250 U	48 U	48 U
S360	8/16/2000	0 - 2	D1	SF0010	59 UJ	300 UJ	59 UJ	300 UJ	59 UJ	59 UJ
S360	8/16/2000	0 - 2	D2	SF0066	58 UJ	300 UJ	58 UJ	300 UJ	58 UJ	58 UJ
S360	8/16/2000	2 - 15	D1	SF0011	61 U	310 U	61 U	310 U	61 U	61 U
S360	8/16/2000	2 - 15	D2	SF0164	58 UJ	300 UJ	58 UJ	300 UJ	58 UJ	58 UJ
S360	8/16/2000	15 - 30	D1	SF0012	56 U	290 UJ	56 U	290 UJ	56 U	56 U
S360	8/16/2000	15 - 30	D2	SF0169	56 UJ	290 UJ	56 UJ	290 UJ	56 UJ	56 UJ
S361	8/15/2000	0 - 15	D1	SF0013	56 U	290 U	56 U	290 U	56 U	56 U
S361	8/15/2000	0 - 15	D2	SF0163	56 U	290 U	56 U	290 U	56 U	56 U
S361	8/15/2000	15 - 30		SF0014	74 UJ	380 UJ	74 UJ	380 UJ	74 UJ	74 UJ
S362	8/15/2000	0 - 15		SF0015	53 U	270 U	53 U	270 U	53 U	53 U
S362	8/15/2000	15 - 30		SF0016	58 U	300 UJ	58 U	300 UJ	58 U	58 U
S363	8/15/2000	0 - 2		SF0017	51 UJ	260 UJ	51 UJ	260 UJ	51 UJ	51 UJ
S363	8/15/2000	2 - 15	D1	SF0018	680 U	3,500 U	680 U	3,500 U	680 U	680 U
S363	8/15/2000	2 - 15	D2	SF0175	68 U	350 U	68 U	350 U	68 U	68 U
S363	8/15/2000	15 - 30		SF0019	300 U	1,500 U	300 U	1,500 U	300 U	300 U

Table B1-2. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	3,3-Dichloro-benzidine (µg/kg-dw)	2,4-Dichloro-phenol (µg/kg-dw)	Diethyl-phthalate (µg/kg-dw)	2,4-Dimethyl-phenol (µg/kg-dw)	Dimethyl-phthalate (µg/kg-dw)	Di-n-butylphthalate (µg/kg-dw)
S364	8/15/2000	0 - 15		SF0020	110 UJ	540 U	110 UJ	540 U	110 UJ	110 UJ
S364	8/15/2000	15 - 30		SF0021	110 UJ	590 UJ	110 UJ	590 UJ	110 UJ	130 UJ
S365	8/13/1900	0 - 15		SF0022	87 U	450 U	87 U	450 U	87 U	87 U
S365	8/15/2000	15 - 30		SF0023	160 U	820 U	160 U	820 U	160 U	290 U
S366	8/15/2000	0 - 15		SF0024	63 U	320 U	63 U	320 U	63 U	69
S366	8/15/2000	15 - 30		SF0025	61 U	310 U	61 U	310 U	61 U	67 U
S367	8/15/2000	0 - 2		SF0026	58 U	300 U	58 U	300 U	58 U	58 U
S367	8/15/2000	2 - 15		SF0027	58 U	300 U	58 U	300 U	58 U	58 U
S367	8/15/2000	15 - 30		SF0028	61 U	320 U	61 U	320 U	61 U	70 U
S368	8/15/2000	0 - 15		SF0029	65 U	340 U	65 U	340 U	65 U	81 U
S368	8/15/2000	15 - 30		SF0030	63 U	330 U	63 U	330 U	63 U	70 U
S369	8/15/2000	0 - 15		SF0031	57 U	290 U	57 U	290 U	57 U	74 U
S369	8/15/2000	15 - 30		SF0032	59 U	300 U	59 U	300 U	59 U	59 U
S370	8/17/2000	0 - 2		SF0033	55 UJ	280 UJ	55 UJ	280 UJ	55 UJ	55 UJ
S370	8/17/2000	2 - 15		SF0034	51 UJ	260 UJ	51 UJ	260 UJ	51 UJ	51 UJ
S370	8/17/2000	15 - 30		SF0035	55 UJ	290 UJ	55 UJ	290 UJ	55 UJ	55 UJ
S371	8/17/2000	0 - 15		SF0036	65 UJ	330 UJ	65 UJ	330 UJ	65 UJ	65 UJ
S371	8/17/2000	15 - 30		SF0037	62 UJ	320 UJ	62 UJ	320 UJ	62 UJ	62 UJ
S372	8/11/1900	0 - 15		SF0050	57 UJ	290 U	57 U	290 U	57 U	57 U
S372	8/17/2000	15 - 30	D1	SF0039	55 UJ	280 UJ	55 UJ	280 UJ	55 UJ	55 UJ
S372	8/17/2000	15 - 30	D2	SF0165	54 UJ	280 UJ	54 UJ	280 UJ	54 UJ	54 UJ
S373	8/17/2000	0 - 2		SF0040	57 UJ	290 UJ	57 UJ	290 UJ	57 UJ	57 UJ
S373	8/17/2000	2 - 15		SF0041	57 UJ	300 UJ	57 UJ	300 UJ	57 UJ	57 UJ
S373	8/17/2000	15 - 30		SF0042	67 UJ	350 UJ	67 UJ	350 UJ	67 UJ	67 UJ
S374	8/17/2000	0 - 15		SF0043	67 UJ	340 UJ	67 UJ	340 UJ	67 UJ	67 UJ
S374	8/17/2000	15 - 30		SF0044	68 UJ	350 UJ	68 UJ	350 UJ	68 UJ	73 J

Table B1-2. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	2,4-Dinitrophenol (µg/kg-dw)	2,4-Dinitrotoluene (µg/kg-dw)	2,6-Dinitro-toluene (µg/kg-dw)	Di-n-octylphthalate (µg/kg-dw)	Fluoranthene (µg/kg-dw)	Fluorene (µg/kg-dw)
OT6	8/9/2000	0 - 15		SF0161	3,600 UJ	730 U	730 U	140 U	140 U	140 U
OT7	8/14/2000	0 - 15		SF0162	3,100 UJ	620 UJ	620 UJ	120 UJ	120 UJ	120 UJ
S356	8/16/2000	0 - 15		SF0001	1,400 UJ	290 U	290 U	56 U	56 U	56 U
S356	8/16/2000	15 - 30		SF0002	1,500 U	310 U	310 U	60 U	60 U	60 U
S357	8/16/2000	0 - 2		SF0003	1,900 U	370 U	370 U	72 U	72 U	72 U
S357	8/16/2000	2 - 15		SF0004	1,500 U	300 U	300 U	59 U	190	59 U
S357	8/16/2000	15 - 30		SF0005	1,500 UJ	290 UJ	290 UJ	57 UJ	57 UJ	57 UJ
S358	8/16/2000	0 - 15		SF0006	1,400 U	280 U	280 U	55 U	55 U	55 U
S358	8/16/2000	15 - 30		SF0007	1,400 UJ	280 UJ	280 UJ	55 UJ	55 UJ	55 UJ
S359	8/16/2000	0 - 15		SF0008	1,300 UJ	250 UJ	250 UJ	49 UJ	610 J	49 UJ
S359	8/16/2000	15 - 30		SF0009	1,200 U	250 U	250 U	48 U	510	48 U
S360	8/16/2000	0 - 2	D1	SF0010	1,500 UJ	300 UJ	300 UJ	59 UJ	260 J	59 UJ
S360	8/16/2000	0 - 2	D2	SF0066	1,500 UJ	300 UJ	300 UJ	58 UJ	250 J	58 UJ
S360	8/16/2000	2 - 15	D1	SF0011	1,600 U	310 U	310 U	61 U	190	61 U
S360	8/16/2000	2 - 15	D2	SF0164	1,500 UJ	300 UJ	300 UJ	58 UJ	100 J	58 UJ
S360	8/16/2000	15 - 30	D1	SF0012	1,400 UJ	290 U	290 U	56 U	80	56 U
S360	8/16/2000	15 - 30	D2	SF0169	1,400 UJ	290 UJ	290 UJ	56 UJ	56 UJ	56 UJ
S361	8/15/2000	0 - 15	D1	SF0013	1,400 UJ	290 U	290 U	56 U	56 U	56 U
S361	8/15/2000	0 - 15	D2	SF0163	1,400 U	290 U	290 U	56 U	90	56 U
S361	8/15/2000	15 - 30		SF0014	1,900 UJ	380 UJ	380 UJ	74 UJ	74 UJ	74 UJ
S362	8/15/2000	0 - 15		SF0015	1,400 UJ	270 U	270 U	53 U	53 U	53 U
S362	8/15/2000	15 - 30		SF0016	1,500 UJ	300 U	300 U	58 U	58 U	58 U
S363	8/15/2000	0 - 2		SF0017	1,300 UJ	260 UJ	260 UJ	51 UJ	51 UJ	51 UJ
S363	8/15/2000	2 - 15	D1	SF0018	18,000 U	3,500 U	3,500 U	680 U	680 U	680 U
S363	8/15/2000	2 - 15	D2	SF0175	1,700 U	350 U	350 U	68 U	93	68 U
S363	8/15/2000	15 - 30		SF0019	7,600 UJ	1,500 U	1,500 U	300 U	300 U	300 U

Table B1-2. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	2,4-Dinitrophenol (µg/kg-dw)	2,4-Dinitrotoluene (µg/kg-dw)	2,6-Dinitro-toluene (µg/kg-dw)	Di-n-octylphthalate (µg/kg-dw)	Fluoranthene (µg/kg-dw)	Fluorene (µg/kg-dw)
S364	8/15/2000	0 - 15		SF0020	2,700 UJ	540 UJ	540 UJ	110 UJ	110 UJ	110 UJ
S364	8/15/2000	15 - 30		SF0021	3,000 UJ	590 UJ	590 UJ	110 UJ	110 UJ	110 UJ
S365	8/13/1900	0 - 15		SF0022	2,200 U	450 U	450 U	87 U	87 U	87 U
S365	8/15/2000	15 - 30		SF0023	4,100 UJ	820 U	820 U	160 U	160 U	160 U
S366	8/15/2000	0 - 15		SF0024	1,600 UJ	320 U	320 U	63 U	63 U	63 U
S366	8/15/2000	15 - 30		SF0025	1,600 UJ	310 U	310 U	61 U	61 U	61 U
S367	8/15/2000	0 - 2		SF0026	1,500 U	300 U	300 U	58 U	350	58 U
S367	8/15/2000	2 - 15		SF0027	1,500 UJ	300 U	300 U	58 U	80	58 U
S367	8/15/2000	15 - 30		SF0028	1,600 UJ	320 U	320 U	61 U	3,300	270
S368	8/15/2000	0 - 15		SF0029	1,700 UJ	340 U	340 U	65 U	65 U	65 U
S368	8/15/2000	15 - 30		SF0030	1,600 U	330 U	330 U	63 U	63 U	63 U
S369	8/15/2000	0 - 15		SF0031	1,500 U	290 U	290 U	57 U	57 U	57 U
S369	8/15/2000	15 - 30		SF0032	1,500 U	300 U	300 U	59 U	59 U	59 U
S370	8/17/2000	0 - 2		SF0033	1,400 UJ	280 UJ	280 UJ	55 UJ	72 J	55 UJ
S370	8/17/2000	2 - 15		SF0034	1,300 UJ	260 UJ	260 UJ	51 UJ	73 J	51 UJ
S370	8/17/2000	15 - 30		SF0035	1,400 UJ	290 UJ	290 UJ	55 UJ	55 UJ	55 UJ
S371	8/17/2000	0 - 15		SF0036	1,700 UJ	330 UJ	330 UJ	65 UJ	630 J	65 UJ
S371	8/17/2000	15 - 30		SF0037	1,600 UJ	320 UJ	320 UJ	62 UJ	470 J	62 UJ
S372	8/11/1900	0 - 15		SF0050	1,500 UJ	290 U	290 U	57 U	57 U	57 U
S372	8/17/2000	15 - 30	D1	SF0039	1,400 UJ	280 UJ	280 UJ	55 UJ	55 UJ	55 UJ
S372	8/17/2000	15 - 30	D2	SF0165	1,400 UJ	280 UJ	280 UJ	54 UJ	54 UJ	54 UJ
S373	8/17/2000	0 - 2		SF0040	1,500 UJ	290 UJ	290 UJ	57 UJ	120 J	57 UJ
S373	8/17/2000	2 - 15		SF0041	1,500 UJ	300 UJ	300 UJ	57 UJ	270 J	57 UJ
S373	8/17/2000	15 - 30		SF0042	1,700 UJ	350 UJ	350 UJ	67 UJ	770 J	67 UJ
S374	8/17/2000	0 - 15		SF0043	1,700 UJ	340 UJ	340 UJ	67 UJ	67 UJ	67 UJ
S374	8/17/2000	15 - 30		SF0044	1,700 UJ	350 UJ	350 UJ	68 UJ	68 UJ	68 UJ

Table B1-2. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Hexachloro-benzene (µg/kg-dw)	Hexachloro-benzene (GC/ECD) (µg/kg-dw)	Hexachloro-butadiene (µg/kg-dw)	Hexachloro-cyclopentadiene (µg/kg-dw)	Hexachloro-ethane (µg/kg-dw)	Indeno(1,2,3-cd)-pyrene (µg/kg-dw)
OT6	8/9/2000	0 - 15		SF0161	140 U	1.02 UJ	140 U	730 UJ	140 U	140 U
OT7	8/14/2000	0 - 15		SF0162	120 UJ	1.08 U	120 UJ	620 UJ	120 UJ	120 UJ
S356	8/16/2000	0 - 15		SF0001	56 U	1.06 U	56 U	290 U	56 U	56 U
S356	8/16/2000	15 - 30		SF0002	60 U	1.08 U	60 U	310 U	60 U	60 U
S357	8/16/2000	0 - 2		SF0003	72 U	1.06 U	72 U	370 U	72 U	72 U
S357	8/16/2000	2 - 15		SF0004	59 U	1.05 U	59 U	300 U	59 U	59 U
S357	8/16/2000	15 - 30		SF0005	57 UJ	1.09 UJ	57 UJ	290 UJ	57 UJ	57 UJ
S358	8/16/2000	0 - 15		SF0006	55 U	1.06 UJ	55 U	280 U	55 U	55 U
S358	8/16/2000	15 - 30		SF0007	55 UJ	1.04 UJ	55 UJ	280 UJ	55 UJ	55 UJ
S359	8/16/2000	0 - 15		SF0008	49 UJ	10 J	49 UJ	250 UJ	49 UJ	100 J
S359	8/16/2000	15 - 30		SF0009	48 U	8.42 J	48 U	250 U	48 U	140
S360	8/16/2000	0 - 2	D1	SF0010	59 UJ	247 J	59 UJ	300 UJ	59 UJ	80 J
S360	8/16/2000	0 - 2	D2	SF0066	58 UJ	16.6 J	58 UJ	300 UJ	58 UJ	82 J
S360	8/16/2000	2 - 15	D1	SF0011	61 U	64.2 J	61 U	310 U	61 U	61 U
S360	8/16/2000	2 - 15	D2	SF0164	58 UJ	3.52 J	58 UJ	300 UJ	58 UJ	58 UJ
S360	8/16/2000	15 - 30	D1	SF0012	56 U	1.08 UJ	56 U	290 U	56 U	56 U
S360	8/16/2000	15 - 30	D2	SF0169	56 UJ	1.07 UJ	56 UJ	290 UJ	56 UJ	56 UJ
S361	8/15/2000	0 - 15	D1	SF0013	56 U	1.09 UJ	56 U	290 UJ	56 U	56 U
S361	8/15/2000	0 - 15	D2	SF0163	56 U	1.04 U	56 U	290 U	56 U	56 U
S361	8/15/2000	15 - 30		SF0014	74 UJ	1.02 UJ	74 UJ	380 UJ	74 UJ	74 UJ
S362	8/15/2000	0 - 15		SF0015	53 U	1.07 UJ	53 U	270 UJ	53 U	53 U
S362	8/15/2000	15 - 30		SF0016	58 U	1.05 UJ	58 U	300 UJ	58 U	58 U
S363	8/15/2000	0 - 2		SF0017	51 UJ	4.33	51 UJ	260 UJ	51 UJ	51 UJ
S363	8/15/2000	2 - 15	D1	SF0018	680 U	1.08 UJ	680 U	3,500 U	680 U	680 U
S363	8/15/2000	2 - 15	D2	SF0175	68 U	1.08 U	68 U	350 U	68 U	68 U
S363	8/15/2000	15 - 30		SF0019	300 U	1.08 UJ	300 U	1,500 UJ	300 U	300 U

Table B1-2. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Hexachloro-benzene (µg/kg-dw)	Hexachloro-benzene (GC/ECD) (µg/kg-dw)	Hexachloro-butadiene (µg/kg-dw)	Hexachloro-cyclopentadiene (µg/kg-dw)	Hexachloro-ethane (µg/kg-dw)	Indeno(1,2,3-cd)-pyrene (µg/kg-dw)
S364	8/15/2000	0 - 15		SF0020	110 UJ	1.08 UJ	110 UJ	540 UJ	110 UJ	110 UJ
S364	8/15/2000	15 - 30		SF0021	110 UJ	1.06 UJ	110 UJ	590 UJ	110 UJ	110 UJ
S365	8/13/1900	0 - 15		SF0022	87 U	3.09 J	87 U	450 U	87 U	87 U
S365	8/15/2000	15 - 30		SF0023	160 U	1.06 UJ	160 U	820 UJ	160 U	160 U
S366	8/15/2000	0 - 15		SF0024	63 U	1.1 UJ	63 U	320 UJ	63 U	63 U
S366	8/15/2000	15 - 30		SF0025	61 U	1.04 UJ	61 U	310 UJ	61 U	61 U
S367	8/15/2000	0 - 2		SF0026	58 U	1.02 U	58 U	300 U	58 U	140
S367	8/15/2000	2 - 15		SF0027	58 U	1.08 UJ	58 U	300 UJ	58 U	58 U
S367	8/15/2000	15 - 30		SF0028	61 U	1.09 UJ	61 U	320 UJ	61 U	900
S368	8/15/2000	0 - 15		SF0029	65 U	1.1 U	65 U	340 UJ	65 U	65 U
S368	8/15/2000	15 - 30		SF0030	63 U	1.08 U	63 U	330 U	63 U	63 U
S369	8/15/2000	0 - 15		SF0031	57 U	1.07 U	57 U	290 U	57 U	57 U
S369	8/15/2000	15 - 30		SF0032	59 U	1.07 U	59 U	300 U	59 U	59 U
S370	8/17/2000	0 - 2		SF0033	55 UJ	1.07 UR	55 UJ	280 UJ	55 UJ	55 UJ
S370	8/17/2000	2 - 15		SF0034	51 UJ	1.1 UJ	51 UJ	260 UJ	51 UJ	51 UJ
S370	8/17/2000	15 - 30		SF0035	55 UJ	1.04 UR	55 UJ	290 UJ	55 UJ	55 UJ
S371	8/17/2000	0 - 15		SF0036	65 UJ	3.88 J	65 UJ	330 UJ	65 UJ	200 J
S371	8/17/2000	15 - 30		SF0037	62 UJ	1.06 UR	62 UJ	320 UJ	62 UJ	160 J
S372	8/11/1900	0 - 15		SF0050	57 U	1.06 UJ	57 U	290 U	57 U	57 U
S372	8/17/2000	15 - 30	D1	SF0039	55 UJ	1.08 UR	55 UJ	280 UJ	55 UJ	55 UJ
S372	8/17/2000	15 - 30	D2	SF0165	54 UJ	1.06 UR	54 UJ	280 UJ	54 UJ	54 UJ
S373	8/17/2000	0 - 2		SF0040	57 UJ	1.08 UR	57 UJ	290 UJ	57 UJ	57 UJ
S373	8/17/2000	2 - 15		SF0041	57 UJ	1.09 UR	57 UJ	300 UJ	57 UJ	95 J
S373	8/17/2000	15 - 30		SF0042	67 UJ	1.63 J	67 UJ	350 UJ	67 UJ	200 J
S374	8/17/2000	0 - 15		SF0043	67 UJ	1.07 UR	67 UJ	340 UJ	67 UJ	67 UJ
S374	8/17/2000	15 - 30		SF0044	68 UJ	1.08 UR	68 UJ	350 UJ	68 UJ	68 UJ

Table B1-2. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Isophorone (µg/kg-dw)	2-Methyl-4,6-dinitrophenol (µg/kg-dw)	2-Methyl-naphthalene (µg/kg-dw)	2-Methylphenol (µg/kg-dw)	4-Methylphenol (µg/kg-dw)	Naphthalene (µg/kg-dw)
OT6	8/9/2000	0 - 15		SF0161	140 U	3,600 U	140 U	140 U	140 U	140 U
OT7	8/14/2000	0 - 15		SF0162	120 UJ	3,100 UJ	120 UJ	120 UJ	120 UJ	120 UJ
S356	8/16/2000	0 - 15		SF0001	56 U	1,400 UJ	56 U	56 UJ	56 UJ	56 U
S356	8/16/2000	15 - 30		SF0002	60 U	1,500 U	60 U	60 U	60 U	60 U
S357	8/16/2000	0 - 2		SF0003	72 U	1,900 U	72 U	72 U	840	72 U
S357	8/16/2000	2 - 15		SF0004	59 U	1,500 U	59 U	59 U	660	59 U
S357	8/16/2000	15 - 30		SF0005	57 UJ	1,500 UJ	57 UJ	57 UJ	57 UJ	57 UJ
S358	8/16/2000	0 - 15		SF0006	55 U	1,400 U	55 U	55 U	55 U	55 U
S358	8/16/2000	15 - 30		SF0007	55 UJ	1,400 UJ	55 UJ	55 UJ	55 UJ	55 UJ
S359	8/16/2000	0 - 15		SF0008	49 UJ	1,300 UJ	49 UJ	49 UJ	49 UJ	49 UJ
S359	8/16/2000	15 - 30		SF0009	48 U	1,200 U	48 U	48 U	77	48 U
S360	8/16/2000	0 - 2	D1	SF0010	59 UJ	1,500 UJ	59 UJ	59 UJ	59 UJ	59 UJ
S360	8/16/2000	0 - 2	D2	SF0066	58 UJ	1,500 UJ	58 UJ	58 UJ	58 UJ	58 UJ
S360	8/16/2000	2 - 15	D1	SF0011	61 U	1,600 U	61 U	220	1,000	61 U
S360	8/16/2000	2 - 15	D2	SF0164	58 UJ	1,500 UJ	58 UJ	250 J	1,100 J	58 UJ
S360	8/16/2000	15 - 30	D1	SF0012	56 U	1,400 UJ	56 U	410 J	2,100 J	56 U
S360	8/16/2000	15 - 30	D2	SF0169	56 UJ	1,400 UJ	56 UJ	320 J	1,600 J	56 UJ
S361	8/15/2000	0 - 15	D1	SF0013	56 U	1,400 U	56 U	56 U	56 U	56 U
S361	8/15/2000	0 - 15	D2	SF0163	56 U	1,400 U	56 U	56 U	56 U	56 U
S361	8/15/2000	15 - 30		SF0014	74 UJ	1,900 UJ	74 UJ	74 UJ	74 UJ	74 UJ
S362	8/15/2000	0 - 15		SF0015	53 U	1,400 U	53 U	53 U	53 U	53 U
S362	8/15/2000	15 - 30		SF0016	58 U	1,500 UJ	58 U	120 J	610 J	58 U
S363	8/15/2000	0 - 2		SF0017	51 UJ	1,300 UJ	51 UJ	51 UJ	51 UJ	3,100 J
S363	8/15/2000	2 - 15	D1	SF0018	680 U	18,000 U	680 U	680 U	680 U	22,000
S363	8/15/2000	2 - 15	D2	SF0175	68 U	1,700 U	68 U	68 U	68 U	68 U
S363	8/15/2000	15 - 30		SF0019	300 U	7,600 U	300 U	300 U	300	14,000

Table B1-2. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Isophorone (µg/kg-dw)	2-Methyl-4,6-dinitrophenol (µg/kg-dw)	2-Methyl-naphthalene (µg/kg-dw)	2-Methylphenol (µg/kg-dw)	4-Methylphenol (µg/kg-dw)	Naphthalene (µg/kg-dw)
S364	8/15/2000	0 - 15		SF0020	110 UJ	2,700 U	110 UJ	110 U	110 U	110 UJ
S364	8/15/2000	15 - 30		SF0021	110 UJ	3,000 UJ	110 UJ	110 UJ	110 UJ	110 UJ
S365	8/13/1900	0 - 15		SF0022	87 U	2,200 U	87 U	87 U	87 U	190
S365	8/15/2000	15 - 30		SF0023	160 U	4,100 U	160 U	160 U	160 U	260
S366	8/15/2000	0 - 15		SF0024	63 U	1,600 U	63 U	63 U	63 U	63 U
S366	8/15/2000	15 - 30		SF0025	61 U	1,600 U	61 U	61 U	61 U	61 U
S367	8/15/2000	0 - 2		SF0026	58 U	1,500 U	58 U	58 U	58 U	58 U
S367	8/15/2000	2 - 15		SF0027	58 U	1,500 U	58 U	58 U	58 U	58 U
S367	8/15/2000	15 - 30		SF0028	61 U	1,600 U	180	61 U	61 U	1,200
S368	8/15/2000	0 - 15		SF0029	65 U	1,700 U	65 U	65 U	65 U	65 U
S368	8/15/2000	15 - 30		SF0030	63 U	1,600 U	63 U	63 U	63 U	63 U
S369	8/15/2000	0 - 15		SF0031	57 U	1,500 U	57 U	57 U	57 U	57 U
S369	8/15/2000	15 - 30		SF0032	59 U	1,500 U	59 U	59 U	59 U	59 U
S370	8/17/2000	0 - 2		SF0033	55 UJ	1,400 UJ	55 UJ	55 UJ	55 UJ	55 UJ
S370	8/17/2000	2 - 15		SF0034	51 UJ	1,300 UJ	51 UJ	51 UJ	51 UJ	51 UJ
S370	8/17/2000	15 - 30		SF0035	55 UJ	1,400 UJ	55 UJ	55 UJ	55 UJ	55 UJ
S371	8/17/2000	0 - 15		SF0036	65 UJ	1,700 UJ	65 UJ	65 UJ	65 UJ	65 UJ
S371	8/17/2000	15 - 30		SF0037	62 UJ	1,600 UJ	62 UJ	62 UJ	62 UJ	62 UJ
S372	8/11/1900	0 - 15		SF0050	57 U	1,500 U	57 U	57 U	57 U	57 U
S372	8/17/2000	15 - 30	D1	SF0039	55 UJ	1,400 UJ	55 UJ	55 UJ	55 UJ	55 UJ
S372	8/17/2000	15 - 30	D2	SF0165	54 UJ	1,400 UJ	54 UJ	54 UJ	54 UJ	54 UJ
S373	8/17/2000	0 - 2		SF0040	57 UJ	1,500 UJ	57 UJ	57 UJ	57 UJ	57 UJ
S373	8/17/2000	2 - 15		SF0041	57 UJ	1,500 UJ	57 UJ	57 UJ	57 UJ	57 UJ
S373	8/17/2000	15 - 30		SF0042	67 UJ	1,700 UJ	67 UJ	67 UJ	67 UJ	67 UJ
S374	8/17/2000	0 - 15		SF0043	67 UJ	1,700 UJ	67 UJ	67 UJ	67 UJ	67 UJ
S374	8/17/2000	15 - 30		SF0044	68 UJ	1,700 UJ	68 UJ	68 UJ	68 UJ	68 UJ

Table B1-2. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	2-Nitroaniline (µg/kg-dw)	3-Nitroaniline (µg/kg-dw)	4-Nitroaniline (µg/kg-dw)	Nitrobenzene (µg/kg-dw)	2-Nitrophenol (µg/kg-dw)	4-Nitrophenol (µg/kg-dw)
OT6	8/9/2000	0 - 15		SF0161	290 U	3,600 U	3,600 U	140 U	730 U	3,600 U
OT7	8/14/2000	0 - 15		SF0162	240 UJ	3,100 UJ	3,100 UJ	120 UJ	620 UJ	3,100 UJ
S356	8/16/2000	0 - 15		SF0001	110 U	1,400 U	1,400 U	56 U	290 UJ	1,400 UJ
S356	8/16/2000	15 - 30		SF0002	120 U	1,500 U	1,500 U	60 U	310 U	1,500 U
S357	8/16/2000	0 - 2		SF0003	150 U	1,900 U	1,900 U	72 U	370 U	1,900 U
S357	8/16/2000	2 - 15		SF0004	120 U	1,500 U	1,500 U	59 U	300 U	1,500 U
S357	8/16/2000	15 - 30		SF0005	120 UJ	1,500 UJ	1,500 UJ	57 UJ	290 UJ	1,500 UJ
S358	8/16/2000	0 - 15		SF0006	110 U	1,400 U	1,400 U	55 U	280 U	1,400 U
S358	8/16/2000	15 - 30		SF0007	110 UJ	1,400 UJ	1,400 UJ	55 UJ	280 UJ	1,400 UJ
S359	8/16/2000	0 - 15		SF0008	100 UJ	1,300 UJ	1,300 UJ	49 UJ	250 UJ	1,300 UJ
S359	8/16/2000	15 - 30		SF0009	97 U	1,200 U	1,200 U	48 U	250 U	1,200 U
S360	8/16/2000	0 - 2	D1	SF0010	120 UJ	1,500 UJ	1,500 UJ	59 UJ	300 UJ	1,500 UJ
S360	8/16/2000	0 - 2	D2	SF0066	120 UJ	1,500 UJ	1,500 UJ	58 UJ	300 UJ	1,500 UJ
S360	8/16/2000	2 - 15	D1	SF0011	120 U	1,600 U	1,600 U	61 U	310 U	1,600 U
S360	8/16/2000	2 - 15	D2	SF0164	120 UJ	1,500 UJ	1,500 UJ	58 UJ	300 UJ	1,500 UJ
S360	8/16/2000	15 - 30	D1	SF0012	110 U	1,400 U	1,400 U	56 U	290 UJ	1,400 UJ
S360	8/16/2000	15 - 30	D2	SF0169	110 UJ	1,400 UJ	1,400 UJ	56 UJ	290 UJ	1,400 UJ
S361	8/15/2000	0 - 15	D1	SF0013	110 U	1,400 U	1,400 U	56 U	290 U	1,400 U
S361	8/15/2000	0 - 15	D2	SF0163	110 U	1,400 U	1,400 U	56 U	290 U	1,400 U
S361	8/15/2000	15 - 30		SF0014	150 UJ	1,900 UJ	1,900 UJ	74 UJ	380 UJ	1,900 UJ
S362	8/15/2000	0 - 15		SF0015	110 U	1,400 U	1,400 U	53 U	270 U	1,400 U
S362	8/15/2000	15 - 30		SF0016	120 U	1,500 U	1,500 U	58 U	300 UJ	1,500 UJ
S363	8/15/2000	0 - 2		SF0017	100 UJ	1,300 UJ	1,300 UJ	51 UJ	260 UJ	1,300 UJ
S363	8/15/2000	2 - 15	D1	SF0018	1,400 U	18,000 U	18,000 U	680 U	3,500 U	18,000 U
S363	8/15/2000	2 - 15	D2	SF0175	140 U	1,700 U	1,700 U	68 U	350 U	1,700 U
S363	8/15/2000	15 - 30		SF0019	600 U	7,600 U	7,600 U	300 U	1,500 U	7,600 U

Table B1-2. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	2-Nitroaniline (µg/kg-dw)	3-Nitroaniline (µg/kg-dw)	4-Nitroaniline (µg/kg-dw)	Nitrobenzene (µg/kg-dw)	2-Nitrophenol (µg/kg-dw)	4-Nitrophenol (µg/kg-dw)
S364	8/15/2000	0 - 15		SF0020	210 UJ	2,700 UJ	2,700 UJ	110 UJ	540 U	2,700 U
S364	8/15/2000	15 - 30		SF0021	230 UJ	3,000 UJ	3,000 UJ	110 UJ	590 UJ	3,000 UJ
S365	8/13/1900	0 - 15		SF0022	180 U	2,200 U	2,200 U	87 U	450 U	2,200 U
S365	8/15/2000	15 - 30		SF0023	320 U	4,100 U	4,100 U	160 U	820 U	4,100 U
S366	8/15/2000	0 - 15		SF0024	130 U	1,600 U	1,600 U	63 U	320 U	1,600 U
S366	8/15/2000	15 - 30		SF0025	120 U	1,600 U	1,600 U	61 U	310 U	1,600 U
S367	8/15/2000	0 - 2		SF0026	120 U	1,500 U	1,500 U	58 U	300 U	1,500 U
S367	8/15/2000	2 - 15		SF0027	120 U	1,500 U	1,500 U	58 U	300 U	1,500 U
S367	8/15/2000	15 - 30		SF0028	120 U	1,600 U	1,600 U	61 U	320 U	1,600 U
S368	8/15/2000	0 - 15		SF0029	130 U	1,700 U	1,700 U	65 U	340 U	1,700 U
S368	8/15/2000	15 - 30		SF0030	130 U	1,600 U	1,600 U	63 U	330 U	1,600 U
S369	8/15/2000	0 - 15		SF0031	120 U	1,500 U	1,500 U	57 U	290 U	1,500 U
S369	8/15/2000	15 - 30		SF0032	120 U	1,500 U	1,500 U	59 U	300 U	1,500 U
S370	8/17/2000	0 - 2		SF0033	110 UJ	1,400 UJ	1,400 UJ	55 UJ	280 UJ	1,400 UJ
S370	8/17/2000	2 - 15		SF0034	100 UJ	1,300 UJ	1,300 UJ	51 UJ	260 UJ	1,300 UJ
S370	8/17/2000	15 - 30		SF0035	110 UJ	1,400 UJ	1,400 UJ	55 UJ	290 UJ	1,400 UJ
S371	8/17/2000	0 - 15		SF0036	130 UJ	1,700 UJ	1,700 UJ	65 UJ	330 UJ	1,700 UJ
S371	8/17/2000	15 - 30		SF0037	130 UJ	1,600 UJ	1,600 UJ	62 UJ	320 UJ	1,600 UJ
S372	8/11/1900	0 - 15		SF0050	120 U	1,500 U	1,500 U	57 U	290 U	1,500 U
S372	8/17/2000	15 - 30	D1	SF0039	110 UJ	1,400 UJ	1,400 UJ	55 UJ	280 UJ	1,400 UJ
S372	8/17/2000	15 - 30	D2	SF0165	110 UJ	1,400 UJ	1,400 UJ	54 UJ	280 UJ	1,400 UJ
S373	8/17/2000	0 - 2		SF0040	120 UJ	1,500 UJ	1,500 UJ	57 UJ	290 UJ	1,500 UJ
S373	8/17/2000	2 - 15		SF0041	120 UJ	1,500 UJ	1,500 UJ	57 UJ	300 UJ	1,500 UJ
S373	8/17/2000	15 - 30		SF0042	140 UJ	1,700 UJ	1,700 UJ	67 UJ	350 UJ	1,700 UJ
S374	8/17/2000	0 - 15		SF0043	140 UJ	1,700 UJ	1,700 UJ	67 UJ	340 UJ	1,700 UJ
S374	8/17/2000	15 - 30		SF0044	140 UJ	1,700 UJ	1,700 UJ	68 UJ	350 UJ	1,700 UJ

Table B1-2. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	N-Nitroso dimethylamine (µg/kg-dw)	N-Nitroso diphenylamine (µg/kg-dw)	N-nitroso-di-n-propylamine (µg/kg-dw)	2,2'-Oxybis-(1-chloropropane) (µg/kg-dw)	Pentachloro-phenol (µg/kg-dw)	Phenanthrene (µg/kg-dw)
OT6	8/9/2000	0 - 15		SF0161	730 U	140 U	140 U	140 U	3,600 U	140 U
OT7	8/14/2000	0 - 15		SF0162	620 UJ	120 UJ	120 UJ	120 UJ	3,100 UJ	120 UJ
S356	8/16/2000	0 - 15		SF0001	290 U	56 U	56 U	56 U	1,400 UJ	56 U
S356	8/16/2000	15 - 30		SF0002	310 U	60 U	60 U	60 U	1,500 U	60 U
S357	8/16/2000	0 - 2		SF0003	370 U	72 U	72 U	72 U	1,900 U	72 U
S357	8/16/2000	2 - 15		SF0004	300 U	59 U	59 U	59 U	1,500 U	60
S357	8/16/2000	15 - 30		SF0005	290 UJ	57 UJ	57 UJ	57 UJ	1,500 UJ	57 UJ
S358	8/16/2000	0 - 15		SF0006	280 U	55 U	55 U	55 U	1,400 U	55 U
S358	8/16/2000	15 - 30		SF0007	280 UJ	55 UJ	55 UJ	55 UJ	1,400 UJ	55 UJ
S359	8/16/2000	0 - 15		SF0008	250 UJ	49 UJ	49 UJ	49 UJ	1,300 UJ	450 J
S359	8/16/2000	15 - 30		SF0009	250 U	48 U	48 U	48 U	1,200 U	320
S360	8/16/2000	0 - 2	D1	SF0010	300 UJ	59 UJ	59 UJ	59 UJ	1,500 UJ	110 J
S360	8/16/2000	0 - 2	D2	SF0066	300 UJ	58 UJ	58 UJ	58 UJ	1,500 UJ	93 J
S360	8/16/2000	2 - 15	D1	SF0011	310 U	61 U	61 U	61 U	1,600 U	61 U
S360	8/16/2000	2 - 15	D2	SF0164	300 UJ	58 UJ	58 UJ	58 UJ	1,500 UJ	58 UJ
S360	8/16/2000	15 - 30	D1	SF0012	290 U	56 U	56 U	56 U	1,400 UJ	56 U
S360	8/16/2000	15 - 30	D2	SF0169	290 UJ	56 UJ	56 UJ	56 UJ	1,400 UJ	56 UJ
S361	8/15/2000	0 - 15	D1	SF0013	290 U	56 U	56 U	56 U	1,400 U	56 U
S361	8/15/2000	0 - 15	D2	SF0163	290 U	56 U	56 U	56 U	1,400 U	56 U
S361	8/15/2000	15 - 30		SF0014	380 UJ	74 UJ	74 UJ	74 UJ	1,900 UJ	74 UJ
S362	8/15/2000	0 - 15		SF0015	270 U	53 U	53 U	53 U	1,400 U	53 U
S362	8/15/2000	15 - 30		SF0016	300 U	58 U	58 U	58 U	1,500 UJ	58 U
S363	8/15/2000	0 - 2		SF0017	260 UJ	51 UJ	51 UJ	51 UJ	1,300 UJ	51 UJ
S363	8/15/2000	2 - 15	D1	SF0018	3,500 U	680 U	680 U	680 U	18,000 U	680 U
S363	8/15/2000	2 - 15	D2	SF0175	350 U	68 U	68 U	68 U	1,700 U	68 U
S363	8/15/2000	15 - 30		SF0019	1,500 U	300 U	300 U	300 U	7,600 U	300 U

Table B1-2. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	N-Nitroso dimethylamine (µg/kg-dw)	N-Nitroso diphenylamine (µg/kg-dw)	N-nitroso-di-n-propylamine (µg/kg-dw)	2,2'-Oxybis-(1-chloropropane) (µg/kg-dw)	Pentachloro-phenol (µg/kg-dw)	Phenanthrene (µg/kg-dw)
S364	8/15/2000	0 - 15		SF0020	540 UJ	110 UJ	110 UJ	110 UJ	2,700 U	110 UJ
S364	8/15/2000	15 - 30		SF0021	590 UJ	110 UJ	110 UJ	110 UJ	3,000 UJ	110 UJ
S365	8/13/1900	0 - 15		SF0022	450 U	87 U	87 U	87 U	2,200 U	87 U
S365	8/15/2000	15 - 30		SF0023	820 U	160 U	160 U	160 U	4,100 U	160 U
S366	8/15/2000	0 - 15		SF0024	320 U	63 U	63 U	63 U	1,600 U	63 U
S366	8/15/2000	15 - 30		SF0025	310 U	61 U	61 U	61 U	1,600 U	61 U
S367	8/15/2000	0 - 2		SF0026	300 U	58 U	58 U	58 U	1,500 U	230
S367	8/15/2000	2 - 15		SF0027	300 U	58 U	58 U	58 U	1,500 U	58 U
S367	8/15/2000	15 - 30		SF0028	320 U	61 U	61 U	61 U	1,600 U	1,500
S368	8/15/2000	0 - 15		SF0029	340 U	65 U	65 U	65 U	1,700 U	65 U
S368	8/15/2000	15 - 30		SF0030	330 U	63 U	63 U	63 U	1,600 U	63 U
S369	8/15/2000	0 - 15		SF0031	290 U	57 U	57 U	57 U	1,500 U	57 U
S369	8/15/2000	15 - 30		SF0032	300 U	59 U	59 U	59 U	1,500 U	59 U
S370	8/17/2000	0 - 2		SF0033	280 UJ	55 UJ	55 UJ	55 UJ	1,400 UJ	55 UJ
S370	8/17/2000	2 - 15		SF0034	260 UJ	51 UJ	51 UJ	51 UJ	1,300 UJ	51 UJ
S370	8/17/2000	15 - 30		SF0035	290 UJ	55 UJ	55 UJ	55 UJ	1,400 UJ	55 UJ
S371	8/17/2000	0 - 15		SF0036	330 UJ	65 UJ	65 UJ	65 UJ	1,700 UJ	300 J
S371	8/17/2000	15 - 30		SF0037	320 UJ	62 UJ	62 UJ	62 UJ	1,600 UJ	200 J
S372	8/11/1900	0 - 15		SF0050	290 U	57 U	57 U	57 U	1,500 U	57 U
S372	8/17/2000	15 - 30	D1	SF0039	280 UJ	55 UJ	55 UJ	55 UJ	1,400 UJ	55 UJ
S372	8/17/2000	15 - 30	D2	SF0165	280 UJ	54 UJ	54 UJ	54 UJ	1,400 UJ	54 UJ
S373	8/17/2000	0 - 2		SF0040	290 UJ	57 UJ	57 UJ	57 UJ	1,500 UJ	57 UJ
S373	8/17/2000	2 - 15		SF0041	300 UJ	57 UJ	57 UJ	57 UJ	1,500 UJ	90 J
S373	8/17/2000	15 - 30		SF0042	350 UJ	67 UJ	99 J	67 UJ	1,700 UJ	300 J
S374	8/17/2000	0 - 15		SF0043	340 UJ	67 UJ	67 UJ	67 UJ	1,700 UJ	67 UJ
S374	8/17/2000	15 - 30		SF0044	350 UJ	68 UJ	68 UJ	68 UJ	1,700 UJ	68 UJ

Table B1-2. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Phenol (µg/kg-dw)	Pyrene (µg/kg-dw)	1,2,4-Trichloro-benzene (µg/kg-dw)	2,4,5-Trichloro-phenol (µg/kg-dw)	2,4,6-Trichloro-phenol (µg/kg-dw)
OT6	8/9/2000	0 - 15		SF0161	140 U	140 U	140 U	730 U	730 U
OT7	8/14/2000	0 - 15		SF0162	120 UJ	120 UJ	120 UJ	620 UJ	620 UJ
S356	8/16/2000	0 - 15		SF0001	56 UJ	56 U	56 U	290 UJ	290 UJ
S356	8/16/2000	15 - 30		SF0002	60 U	60 U	60 U	310 U	310 U
S357	8/16/2000	0 - 2		SF0003	72 U	72 U	72 U	370 U	370 U
S357	8/16/2000	2 - 15		SF0004	59 U	170	59 U	300 U	300 U
S357	8/16/2000	15 - 30		SF0005	57 UJ	57 UJ	57 UJ	290 UJ	290 UJ
S358	8/16/2000	0 - 15		SF0006	55 U	55 U	55 U	280 U	280 U
S358	8/16/2000	15 - 30		SF0007	55 UJ	55 UJ	55 UJ	280 UJ	280 UJ
S359	8/16/2000	0 - 15		SF0008	49 UJ	480 J	49 UJ	250 UJ	250 UJ
S359	8/16/2000	15 - 30		SF0009	48 U	390	48 U	250 U	250 U
S360	8/16/2000	0 - 2	D1	SF0010	59 UJ	200 J	59 UJ	300 UJ	300 UJ
S360	8/16/2000	0 - 2	D2	SF0066	58 UJ	200 J	58 UJ	300 UJ	300 UJ
S360	8/16/2000	2 - 15	D1	SF0011	540	150	61 U	310 U	310 U
S360	8/16/2000	2 - 15	D2	SF0164	630 J	87 J	58 UJ	300 UJ	300 UJ
S360	8/16/2000	15 - 30	D1	SF0012	1,100 J	73	56 U	290 UJ	290 UJ
S360	8/16/2000	15 - 30	D2	SF0169	890 J	56 UJ	56 UJ	290 UJ	290 UJ
S361	8/15/2000	0 - 15	D1	SF0013	56 U	56 U	56 U	290 U	290 U
S361	8/15/2000	0 - 15	D2	SF0163	56 U	100	56 U	290 U	290 U
S361	8/15/2000	15 - 30		SF0014	74 UJ	74 UJ	74 UJ	380 UJ	380 UJ
S362	8/15/2000	0 - 15		SF0015	53 U	53 U	53 U	270 U	270 U
S362	8/15/2000	15 - 30		SF0016	390 J	58 U	58 U	300 UJ	300 UJ
S363	8/15/2000	0 - 2		SF0017	510 J	51 UJ	51 UJ	260 UJ	260 UJ
S363	8/15/2000	2 - 15	D1	SF0018	680 U	680 U	680 U	3,500 U	3,500 U
S363	8/15/2000	2 - 15	D2	SF0175	68 U	110	68 U	350 U	350 U
S363	8/15/2000	15 - 30		SF0019	470	300 U	300 U	1,500 U	1,500 U

Table B1-2. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Phenol (µg/kg-dw)	Pyrene (µg/kg-dw)	1,2,4-Trichloro-benzene (µg/kg-dw)	2,4,5-Trichloro-phenol (µg/kg-dw)	2,4,6-Trichloro-phenol (µg/kg-dw)
S364	8/15/2000	0 - 15		SF0020	1,200	130 J	110 UJ	540 U	540 U
S364	8/15/2000	15 - 30		SF0021	930 J	110 UJ	110 UJ	590 UJ	590 UJ
S365	8/13/1900	0 - 15		SF0022	87 U	100	87 U	450 U	450 U
S365	8/15/2000	15 - 30		SF0023	8,700	160 U	160 U	820 U	820 U
S366	8/15/2000	0 - 15		SF0024	63 U	63 U	63 U	320 U	320 U
S366	8/15/2000	15 - 30		SF0025	61 U	61 U	61 U	310 U	310 U
S367	8/15/2000	0 - 2		SF0026	58 U	360	58 U	300 U	300 U
S367	8/15/2000	2 - 15		SF0027	58 U	84	58 U	300 U	300 U
S367	8/15/2000	15 - 30		SF0028	61 U	2,500	470	320 U	320 U
S368	8/15/2000	0 - 15		SF0029	65 U	65 U	65 U	340 U	340 U
S368	8/15/2000	15 - 30		SF0030	63 U	63 U	63 U	330 U	330 U
S369	8/15/2000	0 - 15		SF0031	57 U	57 U	57 U	290 U	290 U
S369	8/15/2000	15 - 30		SF0032	59 U	59 U	59 U	300 U	300 U
S370	8/17/2000	0 - 2		SF0033	55 UJ	64 J	55 UJ	280 UJ	280 UJ
S370	8/17/2000	2 - 15		SF0034	51 UJ	71 J	51 UJ	260 UJ	260 UJ
S370	8/17/2000	15 - 30		SF0035	55 UJ	55 UJ	55 UJ	290 UJ	290 UJ
S371	8/17/2000	0 - 15		SF0036	65 UJ	540 J	65 UJ	330 UJ	330 UJ
S371	8/17/2000	15 - 30		SF0037	62 UJ	440 J	62 UJ	320 UJ	320 UJ
S372	8/11/1900	0 - 15		SF0050	57 U	57 U	57 U	290 U	290 U
S372	8/17/2000	15 - 30	D1	SF0039	55 UJ	55 UJ	55 UJ	280 UJ	280 UJ
S372	8/17/2000	15 - 30	D2	SF0165	54 UJ	54 UJ	54 UJ	280 UJ	280 UJ
S373	8/17/2000	0 - 2		SF0040	57 UJ	110 J	57 UJ	290 UJ	290 UJ
S373	8/17/2000	2 - 15		SF0041	57 UJ	260 J	57 UJ	300 UJ	300 UJ
S373	8/17/2000	15 - 30		SF0042	67 UJ	660 J	67 UJ	350 UJ	350 UJ
S374	8/17/2000	0 - 15		SF0043	67 UJ	67 UJ	67 UJ	340 UJ	340 UJ
S374	8/17/2000	15 - 30		SF0044	68 UJ	68 UJ	68 UJ	350 UJ	350 UJ

Table B1-3. TCL Pesticides in 30-cm Cores

Station	Date	Depth (cm)	Duplicate	Sample Number	Aldrin (µg/kg-dw)	alpha-BHC (µg/kg-dw)	beta-BHC (µg/kg-dw)	delta-BHC (µg/kg-dw)	gamma-BHC (Lindane) (µg/kg-dw)	alpha-Chlordane (µg/kg-dw)	gamma-Chlordane (µg/kg-dw)	4,4'-DDD (µg/kg-dw)
OT6	8/9/2000	0 - 15		SF0161	1.02 UJ	1.02 UJ	1.02 UJ	1.02 UR	1.02 UJ	1.02 UJ	1.02 UJ	1.02 UJ
OT7	8/14/2000	0 - 15		SF0162	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UR	1.08 UJ	1.08 UJ	1.16 J	1.08 UJ
S356	8/16/2000	0 - 15		SF0001	1.06 U	1.06 UJ	1.06 UJ	1.06 UR	1.06 UR	1.06 UJ	1.06 U	1.06 UR
S356	8/16/2000	15 - 30		SF0002	1.08 U	1.08 UJ	1.08 UJ	1.08 UR	1.08 UR	1.08 UJ	1.08 U	1.08 UR
S357	8/16/2000	0 - 2		SF0003	1.06 U	1.06 UJ	1.06 UJ	1.06 UR	1.06 UR	1.06 UJ	1.06 U	1.06 UR
S357	8/16/2000	2 - 15		SF0004	1.05 U	1.05 UJ	1.05 UJ	1.05 UR	1.05 UR	1.05 UJ	1.05 U	1.05 UR
S357	8/16/2000	15 - 30		SF0005	1.09 UJ	1.09 UJ	1.09 UJ	1.09 UR	1.09 UR	1.09 UJ	1.09 UJ	1.09 UR
S358	8/16/2000	0 - 15		SF0006	1.06 UJ	1.06 UJ	1.06 UJ	1.06 UR	1.06 UR	1.06 UJ	1.06 UJ	1.06 UR
S358	8/16/2000	15 - 30		SF0007	1.04 U	1.04 UJ	1.04 UJ	1.04 UR	1.04 UR	1.04 UJ	1.04 UJ	1.04 UR
S359	8/16/2000	0 - 15		SF0008	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UR	1.08 UR	1.08 UJ	1.08 UJ	1.08 UR
S359	8/16/2000	15 - 30		SF0009	1.06 UJ	1.06 UJ	1.06 UJ	1.06 UR	1.06 UR	1.06 UJ	5.73 R	1.06 UR
S360	8/16/2000	0 - 2	D1	SF0010	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UR	1.1 UR	1.1 UJ	1.1 UJ	1.1 UR
S360	8/16/2000	0 - 2	D2	SF0066	1.06 UJ	1.06 UJ	1.06 UJ	1.06 UR	1.06 UR	1.06 UJ	1.06 UJ	1.06 UR
S360	8/16/2000	2 - 15	D1	SF0011	1.09 UJ	1.09 UJ	1.09 UJ	1.09 UR	1.09 UR	1.09 UJ	1.09 UJ	1.09 UR
S360	8/16/2000	2 - 15	D2	SF0164	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UR	1.08 UR	1.08 UJ	1.08 UJ	1.08 UR
S360	8/16/2000	15 - 30	D1	SF0012	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UR	1.08 UR	1.08 UJ	1.08 UJ	1.08 UR
S360	8/16/2000	15 - 30	D2	SF0169	1.07 UJ	1.07 UJ	1.07 UJ	1.07 UR	1.07 UR	1.07 UJ	1.07 UJ	1.07 UR
S361	8/15/2000	0 - 15	D1	SF0013	1.09 UJ	1.09 UJ	1.09 UJ	1.09 UR	1.09 UJ	1.09 UJ	1.09 UJ	1.09 UR
S361	8/15/2000	0 - 15	D2	SF0163	1.04 U	1.04 UJ	1.04 U	1.04 UR	1.04 UJ	1.04 UJ	1.04 U	1.04 UJ
S361	8/15/2000	15 - 30		SF0014	1.02 UJ	1.02 UJ	1.02 UJ	1.02 UR	1.02 UJ	1.02 UJ	1.02 UJ	1.02 UR
S362	8/15/2000	0 - 15		SF0015	1.07 UJ	1.07 UJ	1.07 UJ	1.07 UR	1.07 UJ	1.07 UJ	1.07 UJ	1.07 UR
S362	8/15/2000	15 - 30		SF0016	1.05 UJ	1.05 UJ	1.05 UJ	1.05 UR	1.05 UJ	1.05 UJ	1.05 UJ	1.05 UR
S363	8/15/2000	0 - 2		SF0017	1.1 U	1.1 UJ	1.1 U	1.1 UR	1.1 UJ	1.1 UJ	1.1 U	1.1 UJ
S363	8/15/2000	2 - 15	D1	SF0018	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UR	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UR
S363	8/15/2000	2 - 15	D2	SF0175	1.08 U	1.08 UJ	1.08 U	1.08 UR	1.08 UJ	1.08 UJ	1.08 U	1.08 UJ
S363	8/15/2000	15 - 30		SF0019	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UR	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UR

Table B1-3. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Aldrin (µg/kg-dw)	alpha-BHC (µg/kg-dw)	beta-BHC (µg/kg-dw)	delta-BHC (µg/kg-dw)	gamma-BHC (Lindane) (µg/kg-dw)	alpha-Chlordane (µg/kg-dw)	gamma-Chlordane (µg/kg-dw)	4,4'-DDD (µg/kg-dw)
S364	8/15/2000	0 - 15		SF0020	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UR	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UR
S364	8/15/2000	15 - 30		SF0021	1.06 UJ	1.06 UR	1.06 UR	1.06 UR	1.06 UR	1.06 UR	1.06 UJ	1.06 UR
S365	8/13/2000	0 - 15		SF0022	1.04 UJ	1.04 UJ	1.04 UJ	1.04 UR	1.04 UJ	1.04 UJ	1.04 UJ	1.04 UJ
S365	8/15/2000	15 - 30		SF0023	1.06 UJ	1.06 UJ	1.06 UJ	1.06 UR	1.06 UJ	1.06 UJ	1.06 UJ	1.06 UR
S366	8/15/2000	0 - 15		SF0024	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UR	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UR
S366	8/15/2000	15 - 30		SF0025	1.04 UJ	1.04 UJ	1.04 UJ	1.04 UR	1.04 UJ	1.04 UJ	1.04 UJ	1.04 UR
S367	8/15/2000	0 - 2		SF0026	1.02 U	1.02 UJ	1.02 U	1.02 UR	1.02 UJ	1.02 UJ	1.02 U	1.02 UJ
S367	8/15/2000	2 - 15		SF0027	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UR	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UR
S367	8/15/2000	15 - 30		SF0028	1.09 UJ	1.09 UJ	1.09 UJ	1.09 UR	1.09 UJ	1.09 UJ	1.09 UJ	1.09 UR
S368	8/15/2000	0 - 15		SF0029	1.1 U	1.1 UJ	1.1 U	1.1 UR	1.1 UJ	1.1 UJ	1.76 J	1.1 UJ
S368	8/15/2000	15 - 30		SF0030	1.08 U	1.08 UJ	1.08 U	1.08 UR	1.08 UJ	1.08 UJ	1.08 U	1.08 UJ
S369	8/15/2000	0 - 15		SF0031	1.07 U	1.07 UJ	1.07 U	1.07 UR	1.07 UJ	1.07 UJ	1.07 U	1.07 UJ
S369	8/15/2000	15 - 30		SF0032	1.07 U	1.07 UJ	1.07 U	1.07 UR	1.07 UJ	1.07 UJ	1.07 U	1.07 UJ
S370	8/17/2000	0 - 2		SF0033	1.07 UR	1.07 UR	1.07 UR	1.07 UR	1.07 UR	1.07 UR	1.07 UR	1.07 UR
S370	8/17/2000	2 - 15		SF0034	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UR	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UR
S370	8/17/2000	15 - 30		SF0035	1.04 UR	1.04 UR	1.04 UR	1.04 UR	1.04 UR	1.04 UR	1.04 UR	1.04 UR
S371	8/17/2000	0 - 15		SF0036	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.08 UR
S371	8/17/2000	15 - 30		SF0037	1.06 UR	1.06 UR	1.06 UR	1.06 UR	1.06 UR	1.06 UR	1.06 UR	1.06 UR
S372	8/11/2000	0 - 15		SF0050	1.06 UJ	1.06 UJ	1.06 UJ	1.06 UR	1.06 UR	1.06 UJ	1.06 UJ	1.06 UJ
S372	8/17/2000	15 - 30	D1	SF0039	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.08 UR
S372	8/17/2000	15 - 30	D2	SF0165	1.06 UR	1.06 UR	1.06 UR	1.06 UR	1.06 UR	1.06 UR	1.06 UR	1.06 UR
S373	8/17/2000	0 - 2		SF0040	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.08 UR
S373	8/17/2000	2 - 15		SF0041	1.09 UR	1.09 UR	1.09 UR	1.09 UR	1.09 UR	1.09 UR	1.09 UR	1.09 UR
S373	8/17/2000	15 - 30		SF0042	3.06 R	1.11 J	1.07 UR	1.07 UR	1.07 UR	1.07 UR	2.87 J	1.07 UR
S374	8/17/2000	0 - 15		SF0043	1.07 UR	1.07 UR	1.07 UR	1.07 UR	1.07 UR	1.07 UR	1.07 UR	1.07 UR
S374	8/17/2000	15 - 30		SF0044	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.08 UR

Table B1-3. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	4,4'-DDE (µg/kg-dw)	4,4'-DDT (µg/kg-dw)	Dieldrin (µg/kg-dw)	Endosulfan I (µg/kg-dw)	Endosulfan II (µg/kg-dw)	Endosulfan sulfate (µg/kg-dw)	Endrin (µg/kg-dw)	Endrin aldehyde (µg/kg-dw)
OT6	8/9/2000	0 - 15		SF0161	1.02 UJ	1.02 UJ	1.02 UJ	1.02 UJ	1.02 UJ	1.02 UJ	1.02 UJ	1.02 UJ
OT7	8/14/2000	0 - 15		SF0162	1.66 J	2.54 J	1.08 UJ	1.08 UJ	1.08 UR	1.08 UR	1.08 UJ	1.08 UJ
S356	8/16/2000	0 - 15		SF0001	1.06 UJ	1.06 UR	1.06 U	1.06 UJ	1.06 UR	1.06 UR	1.06 UJ	3.35 J
S356	8/16/2000	15 - 30		SF0002	1.08 UJ	1.08 UR	1.08 U	1.08 UJ	1.08 UR	1.08 UR	1.08 UJ	1.37 J
S357	8/16/2000	0 - 2		SF0003	1.06 UJ	1.06 UR	1.06 U	1.06 UJ	1.06 UR	1.06 UR	1.06 UJ	1.53 J
S357	8/16/2000	2 - 15		SF0004	1.05 UJ	1.05 UR	1.05 U	1.05 UJ	1.05 UR	1.05 UR	1.05 UJ	1.05 UJ
S357	8/16/2000	15 - 30		SF0005	1.09 UJ	1.09 UR	1.09 UJ	1.09 UJ	1.09 UR	1.09 UR	1.09 UJ	1.09 UJ
S358	8/16/2000	0 - 15		SF0006	1.06 UJ	1.06 UR	1.06 UJ	1.06 UJ	1.06 UR	1.06 UR	1.06 UJ	1.06 UJ
S358	8/16/2000	15 - 30		SF0007	1.61 J	1.04 UR	1.04 UJ	1.04 UJ	1.04 UR	1.04 UR	1.04 UJ	1.04 UJ
S359	8/16/2000	0 - 15		SF0008	1.08 UJ	1.3 J	1.34 J	1.08 UJ	1.08 UR	1.08 UR	1.08 UJ	1.08 UJ
S359	8/16/2000	15 - 30		SF0009	3.57 R	30.6 J	24.3 J	1.06 UJ	1.06 UR	1.06 UR	1.06 UJ	1.06 UJ
S360	8/16/2000	0 - 2	D1	SF0010	1.46 R	6.59 J	4.85 J	1.1 UJ	1.1 UR	1.1 UR	1.1 UJ	1.1 UJ
S360	8/16/2000	0 - 2	D2	SF0066	1.06 UJ	1.71 J	1.06 UJ	1.06 UJ	1.06 UR	1.06 UR	1.06 UJ	1.06 UJ
S360	8/16/2000	2 - 15	D1	SF0011	1.09 UJ	1.62 J	1.09 UJ	1.09 UJ	1.09 UR	1.09 UR	1.09 UJ	1.09 UJ
S360	8/16/2000	2 - 15	D2	SF0164	1.08 UJ	1.08 UR	1.08 UJ	1.08 UJ	1.08 UR	1.08 UR	1.08 UJ	1.08 UJ
S360	8/16/2000	15 - 30	D1	SF0012	1.08 UJ	1.08 UR	1.08 UJ	1.08 UJ	1.08 UR	1.08 UR	1.08 UJ	1.08 UJ
S360	8/16/2000	15 - 30	D2	SF0169	1.07 UJ	1.07 UR	1.07 UJ	1.07 UJ	1.07 UR	1.07 UR	1.07 UJ	1.07 UJ
S361	8/15/2000	0 - 15	D1	SF0013	1.09 UJ	1.09 UJ	1.09 UJ	1.09 UJ	1.09 UR	1.09 UR	1.09 UJ	1.09 UJ
S361	8/15/2000	0 - 15	D2	SF0163	1.04 UJ	1.04 UJ	1.04 U	1.04 UJ	1.04 UR	1.04 UR	1.04 UJ	1.04 UJ
S361	8/15/2000	15 - 30		SF0014	1.02 UJ	1.02 UJ	1.02 UJ	1.02 UJ	1.02 UR	1.02 UR	1.02 UJ	1.02 UJ
S362	8/15/2000	0 - 15		SF0015	1.07 UJ	1.72 J	1.07 UJ	1.07 UJ	1.07 UR	1.07 UR	1.07 UJ	1.07 UJ
S362	8/15/2000	15 - 30		SF0016	1.05 UJ	1.05 UJ	1.05 UJ	1.05 UJ	1.05 UR	1.05 UR	1.05 UJ	1.05 UJ
S363	8/15/2000	0 - 2		SF0017	1.1 UJ	1.1 UJ	1.1 U	1.1 UJ	1.1 UR	1.1 UR	1.1 UJ	1.1 UJ
S363	8/15/2000	2 - 15	D1	SF0018	1.08 UJ	1.21 J	1.08 UJ	1.08 UJ	1.08 UR	1.08 UR	1.17 J	1.08 UJ
S363	8/15/2000	2 - 15	D2	SF0175	1.08 UJ	1.42 J	1.08 U	1.08 UJ	1.08 UR	1.08 UR	1.08 UJ	1.08 UJ
S363	8/15/2000	15 - 30		SF0019	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UR	1.08 UR	1.08 UJ	1.08 UJ

Table B1-3. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	4,4'-DDE (µg/kg-dw)	4,4'-DDT (µg/kg-dw)	Dieldrin (µg/kg-dw)	Endosulfan I (µg/kg-dw)	Endosulfan II (µg/kg-dw)	Endosulfan sulfate (µg/kg-dw)	Endrin (µg/kg-dw)	Endrin aldehyde (µg/kg-dw)
S364	8/15/2000	0 - 15		SF0020	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UR	1.08 UR	1.08 UJ	1.08 UJ
S364	8/15/2000	15 - 30		SF0021	1.06 UJ	1.06 UR	1.06 UJ	1.06 UR	1.06 UR	1.06 UR	1.06 J	1.38 R
S365	8/13/2000	0 - 15		SF0022	1.04 UJ	3.48 J	1.8 J	1.04 UJ	1.04 UR	1.04 UR	1.04 UJ	1.04 UJ
S365	8/15/2000	15 - 30		SF0023	1.06 UJ	1.06 UJ	1.06 UJ	1.06 UJ	1.06 UR	1.06 UR	1.06 UJ	1.06 UJ
S366	8/15/2000	0 - 15		SF0024	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UR	1.1 UR	1.1 UJ	1.1 UJ
S366	8/15/2000	15 - 30		SF0025	1.04 UJ	1.04 UJ	1.04 UJ	1.04 UJ	1.04 UR	1.04 UR	1.04 UJ	1.04 UJ
S367	8/15/2000	0 - 2		SF0026	1.02 UJ	1.02 UJ	1.02 U	1.02 UJ	1.02 UR	1.02 UR	1.02 UJ	1.02 UJ
S367	8/15/2000	2 - 15		SF0027	1.08 UJ	1.22 J	1.08 UJ	1.08 UJ	1.08 UR	1.08 UR	1.08 UJ	1.08 UJ
S367	8/15/2000	15 - 30		SF0028	1.09 UJ	1.09 UJ	1.09 UJ	1.09 UJ	1.09 UR	1.09 UR	1.09 UJ	1.09 UJ
S368	8/15/2000	0 - 15		SF0029	2.9 J	1.1 UR	1.1 U	1.1 UJ	1.1 UR	1.1 UR	1.1 U	1.21 R
S368	8/15/2000	15 - 30		SF0030	1.35 J	1.08 UR	1.08 U	1.08 UJ	1.08 UR	1.08 UR	1.08 UJ	1.08 UJ
S369	8/15/2000	0 - 15		SF0031	1.07 UJ	1.07 UJ	1.07 U	1.07 UJ	1.07 UR	1.07 UR	1.07 UJ	1.07 UJ
S369	8/15/2000	15 - 30		SF0032	1.07 UJ	2.1 J	1.07 U	1.07 UJ	1.07 UR	1.07 UR	1.07 UJ	1.07 UJ
S370	8/17/2000	0 - 2		SF0033	1.42 J	1.07 UR	1.07 UR	1.07 UR	1.07 UR	1.07 UR	1.07 UR	2.13 J
S370	8/17/2000	2 - 15		SF0034	1.2 J	1.1 UR	1.1 UJ	1.1 UJ	1.1 UR	1.1 UR	1.1 UJ	1.1 UJ
S370	8/17/2000	15 - 30		SF0035	1.04 UR	1.04 UR	1.04 UR	1.04 UR	1.04 UR	1.04 UR	1.04 UR	1.04 UR
S371	8/17/2000	0 - 15		SF0036	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.08 UR
S371	8/17/2000	15 - 30		SF0037	1.06 UR	1.06 UR	1.06 UR	1.06 UR	1.06 UR	1.06 UR	1.06 UR	1.06 UR
S372	8/11/2000	0 - 15		SF0050	1.14 J	1.06 UR	1.06 UJ	1.06 UJ	1.06 UR	1.06 UR	1.06 UJ	1.19 J
S372	8/17/2000	15 - 30	D1	SF0039	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.08 UR
S372	8/17/2000	15 - 30	D2	SF0165	1.06 UR	1.06 UR	1.06 UR	1.06 UR	1.06 UR	1.06 UR	1.06 UR	1.06 UR
S373	8/17/2000	0 - 2		SF0040	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.08 UR
S373	8/17/2000	2 - 15		SF0041	1.09 UR	1.09 UR	1.09 UR	1.09 UR	1.09 UR	1.09 UR	1.09 UR	1.09 UR
S373	8/17/2000	15 - 30		SF0042	1.86 J	3.65 J	4.34 J	1.07 UR	1.07 UR	1.07 UR	1.07 UR	1.07 UR
S374	8/17/2000	0 - 15		SF0043	1.07 UR	1.07 UR	1.07 UR	1.07 UR	1.07 UR	1.07 UR	1.07 UR	1.07 UR
S374	8/17/2000	15 - 30		SF0044	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.08 UR

Table B1-3. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Endrin ketone (µg/kg-dw)	Heptachlor (µg/kg-dw)	Heptachlor epoxide (µg/kg-dw)	Methoxychlor (µg/kg-dw)	Toxaphene (µg/kg-dw)
OT6	8/9/2000	0 - 15		SF0161	1.02 UJ	1.02 UJ	1.02 UJ	1.02 UJ	102 UJ
OT7	8/14/2000	0 - 15		SF0162	1.08 UJ	1.08 U	1.39 J	1.08 UJ	108 UJ
S356	8/16/2000	0 - 15		SF0001	1.06 UJ	1.06 U	1.06 U	1.06 UJ	106 UJ
S356	8/16/2000	15 - 30		SF0002	1.08 UJ	1.08 U	1.08 U	1.08 UJ	108 UJ
S357	8/16/2000	0 - 2		SF0003	1.06 UJ	1.06 U	1.13 R	1.06 UJ	106 UJ
S357	8/16/2000	2 - 15		SF0004	1.05 UJ	1.05 U	1.05 U	1.05 UJ	105 UJ
S357	8/16/2000	15 - 30		SF0005	1.09 UJ	1.09 UJ	1.09 UJ	1.09 UJ	109 UJ
S358	8/16/2000	0 - 15		SF0006	1.06 UJ	1.06 UJ	1.06 UJ	1.06 UJ	106 UJ
S358	8/16/2000	15 - 30		SF0007	1.04 UJ	1.04 U	1.04 UJ	1.04 UJ	104 UJ
S359	8/16/2000	0 - 15		SF0008	1.08 UJ	1.08 UJ	1.75 J	1.08 UJ	108 UJ
S359	8/16/2000	15 - 30		SF0009	1.06 UJ	1.06 UJ	1.72 R	1.06 UJ	106 UJ
S360	8/16/2000	0 - 2	D1	SF0010	1.1 UJ	1.1 UJ	2.91 J	1.1 UJ	110 UJ
S360	8/16/2000	0 - 2	D2	SF0066	1.06 UJ	1.06 UJ	1.69 J	1.06 UJ	106 UJ
S360	8/16/2000	2 - 15	D1	SF0011	1.09 UJ	1.09 UJ	1.09 UJ	1.09 UJ	109 UJ
S360	8/16/2000	2 - 15	D2	SF0164	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UJ	108 UJ
S360	8/16/2000	15 - 30	D1	SF0012	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UJ	108 UJ
S360	8/16/2000	15 - 30	D2	SF0169	1.07 UJ	1.07 UJ	1.07 UJ	1.07 UJ	107 UJ
S361	8/15/2000	0 - 15	D1	SF0013	1.09 UJ	1.09 UJ	1.09 J	1.09 UJ	109 UJ
S361	8/15/2000	0 - 15	D2	SF0163	1.04 UJ	1.04 U	1.04 U	1.04 UJ	104 UJ
S361	8/15/2000	15 - 30		SF0014	1.02 UJ	1.02 UJ	1.02 UJ	1.02 UJ	102 UJ
S362	8/15/2000	0 - 15		SF0015	1.07 UJ	1.07 UJ	1.07 UJ	1.07 UJ	107 UJ
S362	8/15/2000	15 - 30		SF0016	1.05 UJ	1.05 UJ	1.05 UJ	1.05 UJ	105 UJ
S363	8/15/2000	0 - 2		SF0017	1.1 UJ	1.1 U	1.1 U	1.1 UJ	110 UJ
S363	8/15/2000	2 - 15	D1	SF0018	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UJ	108 UJ
S363	8/15/2000	2 - 15	D2	SF0175	1.08 UJ	1.08 U	1.08 U	1.08 UJ	108 UJ
S363	8/15/2000	15 - 30		SF0019	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UJ	108 UJ

Table B1-3. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Endrin ketone (µg/kg-dw)	Heptachlor (µg/kg-dw)	Heptachlor epoxide (µg/kg-dw)	Methoxychlor (µg/kg-dw)	Toxaphene (µg/kg-dw)
S364	8/15/2000	0 - 15		SF0020	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UJ	108 UJ
S364	8/15/2000	15 - 30		SF0021	1.06 UR	1.06 UJ	1.96 J	1.06 UR	106 UJ
S365	8/13/2000	0 - 15		SF0022	1.04 UJ	1.04 U	3.01 J	1.04 UJ	104 UJ
S365	8/15/2000	15 - 30		SF0023	1.06 UJ	1.06 UJ	1.06 UJ	1.06 UJ	106 UJ
S366	8/15/2000	0 - 15		SF0024	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	110 UJ
S366	8/15/2000	15 - 30		SF0025	1.04 UJ	1.04 UJ	1.04 UJ	1.04 UJ	104 UJ
S367	8/15/2000	0 - 2		SF0026	1.02 UJ	1.02 U	1.02 U	1.02 UJ	102 UJ
S367	8/15/2000	2 - 15		SF0027	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UJ	108 UJ
S367	8/15/2000	15 - 30		SF0028	1.09 UJ	1.09 UJ	1.09 UJ	1.09 UJ	109 UJ
S368	8/15/2000	0 - 15		SF0029	1.1 UJ	1.1 U	1.1 U	1.1 UJ	110 UJ
S368	8/15/2000	15 - 30		SF0030	1.08 UJ	1.08 U	1.08 U	1.08 UJ	108 UJ
S369	8/15/2000	0 - 15		SF0031	1.07 UJ	1.07 U	1.07 U	1.07 UJ	107 UJ
S369	8/15/2000	15 - 30		SF0032	1.07 UJ	1.07 U	1.07 U	1.07 UJ	107 UJ
S370	8/17/2000	0 - 2		SF0033	1.07 UR	1.07 UR	1.07 UR	1.07 UR	107 UR
S370	8/17/2000	2 - 15		SF0034	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	110 UJ
S370	8/17/2000	15 - 30		SF0035	1.04 UR	1.04 UR	1.04 UR	1.04 UR	104 UR
S371	8/17/2000	0 - 15		SF0036	1.08 UR	1.08 UR	1.08 UR	1.08 UR	108 UR
S371	8/17/2000	15 - 30		SF0037	1.06 UR	1.06 UR	1.06 UR	1.06 UR	106 UR
S372	8/11/2000	0 - 15		SF0050	1.06 UJ	1.06 UJ	1.06 UJ	1.06 UJ	106 UJ
S372	8/17/2000	15 - 30	D1	SF0039	1.08 UR	1.08 UR	1.08 UR	1.08 UR	108 UR
S372	8/17/2000	15 - 30	D2	SF0165	1.06 UR	1.06 UR	1.06 UR	1.06 UR	106 UR
S373	8/17/2000	0 - 2		SF0040	1.08 UR	1.08 UR	1.08 UR	1.08 UR	108 UR
S373	8/17/2000	2 - 15		SF0041	1.09 UR	1.09 UR	1.09 UR	1.09 UR	109 UR
S373	8/17/2000	15 - 30		SF0042	1.07 UR	1.07 UR	1.07 UR	1.07 UR	107 UR
S374	8/17/2000	0 - 15		SF0043	1.07 UR	1.07 UR	1.07 UR	1.07 UR	107 UR
S374	8/17/2000	15 - 30		SF0044	1.08 UR	1.08 UR	1.08 UR	1.08 UR	108 UR

Table B1-4. PCBs in 30-cm Cores

Station	Date	Depth (cm)	Duplicate	Sample Number	Aroclor 1016 (µg/kg-dw)	Aroclor 1221 (µg/kg-dw)	Aroclor 1232 (µg/kg-dw)	Aroclor 1242 (µg/kg-dw)	Aroclor 1248 (µg/kg-dw)	Aroclor 1254 (µg/kg-dw)	Aroclor 1260 (µg/kg-dw)	Aroclor 1268 (µg/kg-dw)
OT6	8/9/2000	0 - 15		SF0161	51.1 U	51.1 U	51.1 U	51.1 U	51.1 U	51.1 U	51.1 U	51.1 U
OT7	8/14/2000	0 - 15		SF0162	54.1 U	54.1 U	54.1 U	54.1 U	54.1 U	54.1 U	96.7 J	54.1 U
S356	8/16/2000	0 - 15		SF0001	52.8 U	52.8 U	52.8 U	52.8 U	52.8 U	52.8 U	52.8 U	52.8 U
S356	8/16/2000	15 - 30		SF0002	54.2 U	54.2 U	54.2 U	14.2 J	54.2 U	54.2 U	54.2 U	54.2 U
S357	8/16/2000	0 - 2		SF0003	52.8 U	52.8 U	52.8 U	52.8 U	52.8 U	52.8 U	52.8 U	52.8 U
S357	8/16/2000	2 - 15		SF0004	52.6 U	52.6 U	52.6 U	52.6 U	52.6 U	52.6 U	52.6 U	52.6 U
S357	8/16/2000	15 - 30		SF0005	54.3 U	54.3 U	54.3 U	54.3 U	54.3 U	54.3 U	54.3 U	54.3 U
S358	8/16/2000	0 - 15		SF0006	52.9 U	52.9 U	52.9 U	52.9 U	52.9 U	52.9 U	52.9 U	52.9 U
S358	8/16/2000	15 - 30		SF0007	52.1 U	52.1 U	52.1 U	52.1 U	52.1 U	52.1 U	52.1 U	52.1 U
S359	8/16/2000	0 - 15		SF0008	53.8 U	53.8 U	53.8 U	53.8 U	53.8 U	37.1 J	53.8 U	53.8 U
S359	8/16/2000	15 - 30		SF0009	53.1 U	53.1 U	53.1 U	33.9 J	53.1 U	1,200	143	53.1 U
S360	8/16/2000	0 - 2	D1	SF0010	54.9 U	54.9 U	54.9 U	17.3 J	54.9 U	142 J	35.4 J	54.9 U
S360	8/16/2000	0 - 2	D2	SF0066	52.9 U	52.9 U	52.9 U	29 J	52.9 U	38.4 J	52.9 U	75.6 J
S360	8/16/2000	2 - 15	D1	SF0011	54.7 U	54.7 U	54.7 U	11.8 J	54.7 U	26 J	54.7 U	313 J
S360	8/16/2000	2 - 15	D2	SF0164	54.1 U	54.1 U	54.1 U	54.1 U	54.1 U	12.7 J	54.1 U	54.1 U
S360	8/16/2000	15 - 30	D1	SF0012	53.9 U	53.9 U	53.9 U	53.9 U	53.9 U	53.9 U	53.9 U	53.9 U
S360	8/16/2000	15 - 30	D2	SF0169	53.3 U	53.3 U	53.3 U	53.3 U	53.3 U	53.3 U	53.3 U	53.3 U
S361	8/15/2000	0 - 15	D1	SF0013	54.4 U	54.4 U	54.4 U	54.4 U	54.4 U	54.4 U	54.4 U	54.4 U
S361	8/15/2000	0 - 15	D2	SF0163	51.9 U	51.9 U	51.9 U	51.9 U	51.9 U	51.9 U	51.9 U	51.9 U
S361	8/15/2000	15 - 30		SF0014	50.9 U	50.9 U	50.9 U	50.9 U	50.9 U	50.9 U	23.4 J	50.9 U
S362	8/15/2000	0 - 15		SF0015	53.3 U	53.3 U	53.3 U	53.3 U	53.3 U	53.3 U	78 J	53.3 U
S362	8/15/2000	15 - 30		SF0016	52.3 U	52.3 U	52.3 U	52.3 U	52.3 U	52.3 U	52.3 U	52.3 U
S363	8/15/2000	0 - 2		SF0017	54.9 U	54.9 U	54.9 U	54.9 U	54.9 U	54.9 U	54.9 U	54.9 U
S363	8/15/2000	2 - 15	D1	SF0018	54 UJ	54 UJ	54 UJ	21 J	54 UJ	15.5 J	54 UJ	54 UJ
S363	8/15/2000	2 - 15	D2	SF0175	54 U	54 U	54 U	18.1 J	54 U	20.2 J	14.6 J	54 U
S363	8/15/2000	15 - 30		SF0019	54.3 U	54.3 U	54.3 U	54.3 U	54.3 U	54.3 U	54.3 U	54.3 U

Table B1-4. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Aroclor 1016 (µg/kg-dw)	Aroclor 1221 (µg/kg-dw)	Aroclor 1232 (µg/kg-dw)	Aroclor 1242 (µg/kg-dw)	Aroclor 1248 (µg/kg-dw)	Aroclor 1254 (µg/kg-dw)	Aroclor 1260 (µg/kg-dw)	Aroclor 1268 (µg/kg-dw)
S364	8/15/2000	0 - 15		SF0020	54.2 U	54.2 U	54.2 U	54.2 U	54.2 U	54.2 U	54.2 U	54.2 U
S364	8/15/2000	15 - 30		SF0021	53.2 U	53.2 U	53.2 U	53.2 U	53.2 U	53.2 U	53.2 U	53.2 U
S365	8/13/2000	0 - 15		SF0022	53.1 U	53.1 U	53.1 U	53.1 U	53.1 U	48.5 J	92.9 J	53.1 U
S365	8/15/2000	15 - 30		SF0023	53.2 U	53.2 U	53.2 U	53.2 U	53.2 U	53.2 U	53.2 U	53.2 U
S366	8/15/2000	0 - 15		SF0024	54.8 U	54.8 U	54.8 U	54.8 U	54.8 U	54.8 U	54.8 U	54.8 U
S366	8/15/2000	15 - 30		SF0025	52.2 U	52.2 U	52.2 U	52.2 U	52.2 U	52.2 U	52.2 U	52.2 U
S367	8/15/2000	0 - 2		SF0026	50.9 U	50.9 U	50.9 U	23.1 J	50.9 U	13.6 J	13.6 J	50.9 U
S367	8/15/2000	2 - 15		SF0027	53.9 U	53.9 U	53.9 U	53.9 U	53.9 U	53.9 U	44.3 J	53.9 U
S367	8/15/2000	15 - 30		SF0028	54.5 U	54.5 U	54.5 U	54.5 U	54.5 U	54.5 U	54.5 U	54.5 U
S368	8/15/2000	0 - 15		SF0029	55 U	55 U	55 U	20.8 J	55 U	55 U	16.4 J	55 U
S368	8/15/2000	15 - 30		SF0030	53.8 U	53.8 U	53.8 U	53.8 U	53.8 U	53.8 U	53.8 U	53.8 U
S369	8/15/2000	0 - 15		SF0031	53.4 U	53.4 U	53.4 U	53.4 U	53.4 U	53.4 U	53.4 U	53.4 U
S369	8/15/2000	15 - 30		SF0032	53.5 U	53.5 U	53.5 U	53.5 U	53.5 U	53.5 U	89.3 J	53.5 U
S370	8/17/2000	0 - 2		SF0033	53.6 U	53.6 U	53.6 U	53.6 U	53.6 U	53.6 U	53.6 U	53.6 U
S370	8/17/2000	2 - 15		SF0034	54.9 U	54.9 U	54.9 U	54.9 U	54.9 U	54.9 U	54.9 U	54.9 U
S370	8/17/2000	15 - 30		SF0035	52 U	52 U	52 U	52 U	52 U	52 U	52 U	52 U
S371	8/17/2000	0 - 15		SF0036	54.2 U	54.2 U	54.2 U	54.2 U	54.2 U	19.9 J	19.2 J	54.2 U
S371	8/17/2000	15 - 30		SF0037	53 U	53 U	53 U	15.6 J	53 U	29.2 J	20.7 J	53 U
S372	8/11/1900	0 - 15		SF0050	53 U	53 U	53 U	53 U	53 U	53 U	53 U	53 U
S372	8/17/2000	15 - 30	D1	SF0039	54.1 U	54.1 U	54.1 U	54.1 U	54.1 U	54.1 U	54.1 U	54.1 U
S372	8/17/2000	15 - 30	D2	SF0165	52.9 U	52.9 U	52.9 U	52.9 U	52.9 U	52.9 U	52.9 U	52.9 U
S373	8/17/2000	0 - 2		SF0040	53.9 U	53.9 U	53.9 U	53.9 U	53.9 U	53.9 U	53.9 U	53.9 U
S373	8/17/2000	2 - 15		SF0041	54.7 U	54.7 U	54.7 U	28.2 J	54.7 U	27.2 J	19.2 J	54.7 U
S373	8/17/2000	15 - 30		SF0042	107 U	107 U	107 U	998 J	107 U	496 J	139 J	107 U
S374	8/17/2000	0 - 15		SF0043	53.5 U	53.5 U	53.5 U	53.5 U	53.5 U	53.5 U	53.5 U	53.5 U
S374	8/17/2000	15 - 30		SF0044	53.8 U	53.8 U	53.8 U	14.3 J	53.8 U	53.8 U	53.8 U	53.8 U

Table B1-5. PCDD/PCDFs in 30-cm Cores

Station	Date	Depth (cm)	Duplicate	Sample Number	2,3,7,8-Tetrachloro-dibenzodioxin (ng/kg-dw)	1,2,3,7,8-Pentachloro-dibenzodioxin (ng/kg-dw)	1,2,3,4,7,8-Hexachloro-dibenzodioxin (ng/kg-dw)	1,2,3,6,7,8-Hexachloro-dibenzodioxin (ng/kg-dw)	1,2,3,7,8,9-Hexachloro-dibenzodioxin (ng/kg-dw)	1,2,3,4,6,7,8-Heptachloro-dibenzodioxin (ng/kg-dw)
S359	8/16/2000	0 - 15		SF0008	0.1 U	0.129 J	0.154 J	0.454 J	0.293 J	8.06
S359	8/16/2000	15 - 30		SF0009	0.091 U	0.111 J	0.128 J	0.428 J	0.282 J	9.45
S360	8/16/2000	0 - 2	D1	SF0010	0.586 J	0.583 J	0.563 J	1.84 J	1.42 J	30.1
S360	8/16/2000	0 - 2	D2	SF0066	0.1 U	0.667 J	0.476 J	1.81 J	1.24 J	30.4
S360	8/16/2000	2 - 15	D1	SF0011	0.09 U	0.09 U	0.319 J	1.24 J	0.863 J	21.3
S360	8/16/2000	2 - 15	D2	SF0164	0.1 U	0.152 J	0.145 J	0.997 J	0.575 J	13.1
S360	8/16/2000	15 - 30	D1	SF0012	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	0.25 U
S360	8/16/2000	15 - 30	D2	SF0169	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.25 U

Station	Date	Depth (cm)	Duplicate	Sample Number	Total Tetrachloro-dibenzodioxins (ng/kg-dw)	Total Pentachloro-dibenzodioxins (ng/kg-dw)	Total Hexachloro-dibenzodioxins (ng/kg-dw)	Total Heptachloro-dibenzodioxins (ng/kg-dw)	Octachloro-dibenzodioxin (ng/kg-dw)
S359	8/16/2000	0 - 15		SF0008	1.16	0.1 U	2.32 J	16.6	71.6
S359	8/16/2000	15 - 30		SF0009	0.6 J	0.219 J	2.28	17.8	105
S360	8/16/2000	0 - 2	D1	SF0010	14.3	2.66	15.6	59.6	232
S360	8/16/2000	0 - 2	D2	SF0066	12.7	3.84	14.9	62.3	240
S360	8/16/2000	2 - 15	D1	SF0011	5.86	1.31	8.63	42.1	167
S360	8/16/2000	2 - 15	D2	SF0164	3.53	0.426 J	5.86	28.5	100
S360	8/16/2000	15 - 30	D1	SF0012	0.224 J	0.111 J	0.091 J	0.09 U	1.69 J
S360	8/16/2000	15 - 30	D2	SF0169	0.246 J	0.1 U	0.1 U	0.1 U	1.2 U

Table B1-5. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	1,2,3,7,8-Pentachloro-dibenzofuran (ng/kg-dw)	2,3,4,7,8-Pentachloro-dibenzofuran (ng/kg-dw)	1,2,3,4,7,8-Hexachloro-dibenzofuran (ng/kg-dw)	1,2,3,6,7,8-Hexachloro-dibenzofuran (ng/kg-dw)	1,2,3,7,8,9-Hexachloro-dibenzofuran (ng/kg-dw)	2,3,4,6,7,8-Hexachloro-dibenzofuran (ng/kg-dw)	1,2,3,4,6,7,8-Heptachloro-dibenzofuran (ng/kg-dw)
S359	8/16/2000	0 - 15		SF0008	0.988 J	0.575 J	2.25 J	0.581 J	0.1 U	0.13 J	3.89
S359	8/16/2000	15 - 30		SF0009	0.693 J	0.432 J	1.26 J	0.333 J	0.091 U	0.145 J	2.47
S360	8/16/2000	0 - 2	D1	SF0010	9.36	3.65	22.4	7.07	0.456 J	1.1 J	25.2
S360	8/16/2000	0 - 2	D2	SF0066	6.76	3.7	11	3.49	0.272 J	0.962 J	16.4
S360	8/16/2000	2 - 15	D1	SF0011	3.3	1.92	4.46	1.46 J	0.14 U	0.543 J	7.41
S360	8/16/2000	2 - 15	D2	SF0164	1.56	0.922 J	1.85 J	0.543 J	0.23 U	0.289 J	3.95
S360	8/16/2000	15 - 30	D1	SF0012	0.175 J	0.291 J	0.46 U	0.128 J	0.09 U	0.09 U	0.483 J
S360	8/16/2000	15 - 30	D2	SF0169	0.136 J	0.209 J	0.23 U	0.1 U	0.1 U	0.1 U	0.333 J

Station	Date	Depth (cm)	Duplicate	Sample Number	1,2,3,4,7,8,9-Heptachloro-dibenzofuran (ng/kg-dw)	2,3,7,8-Tetrachloro-dibenzofuran (ng/kg-dw)	Total Tetrachloro-dibenzofurans (ng/kg-dw)	Total Pentachloro-dibenzofurans (ng/kg-dw)	Total Hexachloro-dibenzofurans (ng/kg-dw)	Total heptachloro-dibenzofurans (ng/kg-dw)	Octachloro-dibenzofuran (ng/kg-dw)
S359	8/16/2000	0 - 15		SF0008	1.38 J	3.47	11.3	3.48	6.8	9.03	11.5
S359	8/16/2000	15 - 30		SF0009	0.684 J	2.54	8.76	2	4.08	6.73	8.01
S360	8/16/2000	0 - 2	D1	SF0010	11	18	72.2	37.1	51.5	59.9	126
S360	8/16/2000	0 - 2	D2	SF0066	4.3	19.2	91.4	31.9	31.6	36.2	65.6
S360	8/16/2000	2 - 15	D1	SF0011	1.56 J	11.2	47	18.4	14.9	17.5	23.6
S360	8/16/2000	2 - 15	D2	SF0164	0.697 J	6.71	23.4	7.93	4.8	9.29	10.8
S360	8/16/2000	15 - 30	D1	SF0012	0.119 J	0.888 J	4.27	1.62	0.09 U	0.602 J	1.2 U
S360	8/16/2000	15 - 30	D2	SF0169	0.1 U	0.742 J	5.01	1.09	0.1 U	0.1 U	0.56 U

Table B1-6. Inorganics in 30-cm Cores

Station	Date	Depth (cm)	Duplicate	Sample Number	Aluminum (mg/kg-dw)	Antimony (mg/kg-dw)	Arsenic (mg/kg-dw)	Barium (mg/kg-dw)	Beryllium (mg/kg-dw)	Cadmium (mg/kg-dw)	Calcium (mg/kg-dw)	Chromium (mg/kg-dw)
OT6	8/9/2000	0 - 15		SF0161	13,700 J	0.78 UJ	7.7 J	189 J	0.77	0.12 U	50,400 J	23.9 J
OT7	8/14/2000	0 - 15		SF0162	11,800	0.82	5.8	145	0.61	0.11 U	129,000	20.1
S356	8/16/2000	0 - 15		SF0001	1,430	0.33 U	0.38 U	112 J	0.13	0.26	345,000	8.9
S356	8/16/2000	15 - 30		SF0002	1,060	0.43	0.6	99.1	0.15	0.051 U	320,000	2.3 J
S357	8/16/2000	0 - 2		SF0003	1,180	0.45 U	1.1	117	0.15	2.6	351,000	37.1 J
S357	8/16/2000	2 - 15		SF0004	1,360	0.35 U	0.84	111	0.14	0.96	366,000	16.2 J
S357	8/16/2000	15 - 30		SF0005	1,840	0.36 U	0.41 U	99.5	0.14	0.052 U	336,000	3.3 J
S358	8/16/2000	0 - 15		SF0006	1,590	0.3 U	0.35 U	101	0.12	0.044 U	349,000	3.2 J
S358	8/16/2000	15 - 30		SF0007	1,090	0.3 U	0.34 U	102	0.11	0.044 U	348,000	2.5 J
S359	8/16/2000	0 - 15		SF0008	5,700	0.28 U	5.3	61.6	0.39	0.083	178,000	11.4 J
S359	8/16/2000	15 - 30		SF0009	6,360	0.24 U	4.7	67.8	0.33	0.083	180,000	21.9 J
S360	8/16/2000	0 - 2	D1	SF0010	6,450	0.39 U	3.2	82.3	0.34	0.33	221,000	24.1 J
S360	8/16/2000	0 - 2	D2	SF0066	6,480	0.39 U	3.3	83.7	0.35	0.34	236,000	26.6 J
S360	8/16/2000	2 - 15	D1	SF0011	5,820	0.37 U	3.2	76.7	0.31	0.35	272,000	21.6 J
S360	8/16/2000	2 - 15	D2	SF0164	3,930	0.36 U	2.6	76.9	0.24	0.35	323,000	14.9 J
S360	8/16/2000	15 - 30	D1	SF0012	3,230	0.34 U	2.3	76.9	0.21	0.11	335,000	9.8 J
S360	8/16/2000	15 - 30	D2	SF0169	2,800	0.33 U	2	75.9	0.19	0.082	309,000	8.4 J
S361	8/15/2000	0 - 15	D1	SF0013	2,280	0.36 U	1.9	72.8	0.18	0.3	230,000	11.1
S361	8/15/2000	0 - 15	D2	SF0163	2,490	0.35 U	1.8	72.3	0.18	0.27	215,000	10.6
S361	8/15/2000	15 - 30		SF0014	2,920	0.49	0.95	54.1	0.2	0.058 U	163,000	6.1
S362	8/15/2000	0 - 15		SF0015	1,190	0.32	0.97	70.9	0.12	0.047 U	234,000	4.2
S362	8/15/2000	15 - 30		SF0016	822	0.34 U	1.7	88.7	0.12	0.096	318,000	3.4
S363	8/15/2000	0 - 2		SF0017	1,350	0.33 U	1.7	114 J	0.17	0.22	392,000	12.8
S363	8/15/2000	2 - 15	D1	SF0018	2,810	0.35 U	3	85.3	0.24	1.2	301,000	36.5
S363	8/15/2000	2 - 15	D2	SF0175	3,040	0.36 U	2.6	110	0.24	1.4	326,000	44
S363	8/15/2000	15 - 30		SF0019	5,400	0.67 U	7	38.2	0.4	0.099 U	247,000	14.8
S364	8/15/2000	0 - 15		SF0020	5,310	0.64 U	5.1	141	0.37	0.34	335,000	20.6
S364	8/15/2000	15 - 30		SF0021	5,570	0.69 U	5.5	65.5	0.37	0.1 U	297,000	11.9

Table B1-6. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Aluminum (mg/kg-dw)	Antimony (mg/kg-dw)	Arsenic (mg/kg-dw)	Barium (mg/kg-dw)	Beryllium (mg/kg-dw)	Cadmium (mg/kg-dw)	Calcium (mg/kg-dw)	Chromium (mg/kg-dw)
S365	8/13/2000	0 - 15		SF0022	6,790	0.58 UJ	9.1	146	0.53	2.7	342,000	146 J
S365	8/15/2000	15 - 30		SF0023	8,100	0.9 U	8.2	49.4	0.67	0.21	288,000	20
S366	8/15/2000	0 - 15		SF0024	2,210	0.36 U	0.62	111	0.18	0.14	336,000	10.7
S366	8/15/2000	15 - 30		SF0025	1,980	0.36 U	0.42 U	107	0.15	0.053 U	340,000	3.7
S367	8/15/2000	0 - 2		SF0026	1,790	0.35 U	0.93	110 J	0.22	2.5	311,000	71.1
S367	8/15/2000	2 - 15		SF0027	2,660	0.36 U	0.69	106	0.21	1.1	329,000	37.1
S367	8/15/2000	15 - 30		SF0028	3,270	0.38 U	0.7	95.9	0.18	0.057 U	324,000	4.9
S368	8/15/2000	0 - 15		SF0029	2,400	0.39 U	0.7	110	0.18	0.37	321,000	23.8
S368	8/15/2000	15 - 30		SF0030	2,560	0.38 U	0.94	96.8	0.16	0.056 U	335,000	4.1
S369	8/15/2000	0 - 15		SF0031	1,470	0.34 U	0.43	107	0.12	0.18	338,000	7.6
S369	8/15/2000	15 - 30		SF0032	1,290	0.35 U	0.4 U	107	0.11	0.051 U	352,000	2.8
S370	8/17/2000	0 - 2		SF0033	1,000 J	0.33 U	0.71	70.1	0.15	1.7	207,000	54.9
S370	8/17/2000	2 - 15		SF0034	747 J	0.3 U	0.76	67	0.13	1.8	196,000	54.6
S370	8/17/2000	15 - 30		SF0035	1,170 J	0.29 U	0.68	73	0.12	0.84	246,000	10.6
S371	8/17/2000	0 - 15		SF0036	1,840 J	0.46 U	1.4	95.8	0.21	2.2	275,000	35.8
S371	8/17/2000	15 - 30		SF0037	1,960 J	0.33 U	1.6	76.9	0.2	2.7	236,000	42.9
S372	8/11/2000	0 - 15		SF0050	752	0.41 J	0.87	112 J	0.14	3.7	349,000	81.6
S372	8/17/2000	15 - 30	D1	SF0039	2,360	0.35	1.6	86	0.2	1.1	290,000	12.4
S372	8/17/2000	15 - 30	D2	SF0165	1,590	0.39	1.8	97	0.15	1.7	326,000	14
S373	8/17/2000	0 - 2		SF0040	1,490	0.4	0.92	78.6	0.13	1.8	236,000	29
S373	8/17/2000	2 - 15		SF0041	2,690	0.36	2.1	86	0.19	3.9	231,000	56.8
S373	8/17/2000	15 - 30		SF0042	4,600	0.73	5.4	120	0.32	16.7	240,000	172
S374	8/17/2000	0 - 15		SF0043	1,680	0.62	0.73	129	0.14	0.62	409,000	19.3
S374	8/17/2000	15 - 30		SF0044	1,870	0.43 U	0.75	123	0.13	0.2	394,000	9.2

Table B1-6. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Cobalt (mg/kg-dw)	Copper (mg/kg-dw)	Cyanide (mg/kg-dw)	Iron (mg/kg-dw)	Lead (mg/kg-dw)	Magnesium (mg/kg-dw)	Manganese (mg/kg-dw)	Total Mercury (mg/kg-dw)
OT6	8/9/2000	0 - 15		SF0161	4.5 J	37 J	2.1 U	16,200 J	13.8 J	4,860 J	1,160 J	0.12 U
OT7	8/14/2000	0 - 15		SF0162	7.4	139	2 U	20,800	25.3	7,670	1,180	0.11 U
S356	8/16/2000	0 - 15		SF0001	0.41	6 J	0.86 U	1,870	4.2	3,050	326	0.16 J
S356	8/16/2000	15 - 30		SF0002	0.18 U	2.1	0.92 U	1,400	0.5	2,930	154	0.052 UJ
S357	8/16/2000	0 - 2		SF0003	0.63	24.1	1.2 U	2,240	11.6	2,840	418	1.2 J
S357	8/16/2000	2 - 15		SF0004	0.61	9.7	0.93 U	2,430	4.5	3,040	263	0.49 J
S357	8/16/2000	15 - 30		SF0005	0.46	2.6	0.94 U	2,710	0.85	3,250	144	0.053 UJ
S358	8/16/2000	0 - 15		SF0006	0.29	1.8	0.79 U	2,080	0.74	3,390	196	0.045 UJ
S358	8/16/2000	15 - 30		SF0007	0.28	1.7	0.78 U	1,720	0.74	3,240	146	0.044 UJ
S359	8/16/2000	0 - 15		SF0008	3.3	14.8	0.73 U	14,000	17.1	18,200	305	1.9 J
S359	8/16/2000	15 - 30		SF0009	3.3	18.1	0.64 U	13,100	19	11,800	325	3.2 J
S360	8/16/2000	0 - 2	D1	SF0010	2.8	28.8	1 U	10,400	38.3	8,690	280	11.5 J
S360	8/16/2000	0 - 2	D2	SF0066	3	30.7	1 U	11,000	41.4	9,000	289	9.5 J
S360	8/16/2000	2 - 15	D1	SF0011	2.1	28.4	0.98 U	9,530	31.6	8,220	324	5.6 J
S360	8/16/2000	2 - 15	D2	SF0164	0.97	18.4	0.95 U	7,010	20.4	5,950	334	1.8 J
S360	8/16/2000	15 - 30	D1	SF0012	0.72	16.1	0.88 U	4,440	16.3	4,780	309	0.1 J
S360	8/16/2000	15 - 30	D2	SF0169	0.56	15.3	0.87 U	4,160	12.2	4,810	299	0.081 J
S361	8/15/2000	0 - 15	D1	SF0013	1.3	11.7	0.95 U	4,660	30.1 J	5,040	249 J	0.31
S361	8/15/2000	0 - 15	D2	SF0163	1.1	11.7	0.91 U	4,610	21.7	4,850	235	0.4
S361	8/15/2000	15 - 30		SF0014	1.6	6.3	1 U	6,860	2.4 J	7,190	177 J	0.058 U
S362	8/15/2000	0 - 15		SF0015	0.52	3.9	0.83 U	2,290	2.6 J	4,230	197 J	0.086
S362	8/15/2000	15 - 30		SF0016	0.41	6.6	0.89 U	1,680	8.5 J	2,250	224 J	0.051 U
S363	8/15/2000	0 - 2		SF0017	0.66	5.6 J	0.87 U	2,040	7.3	4,230	299	0.61 J
S363	8/15/2000	2 - 15	D1	SF0018	1.8	20.2	0.93 U	3,520	16.1 J	9,560	174 J	0.18
S363	8/15/2000	2 - 15	D2	SF0175	1.9	24	0.96 U	3,670	18.5	8,380	184	0.24
S363	8/15/2000	15 - 30		SF0019	1.1	11	1.8 U	6,220	7.9 J	30,300	410 J	0.1 U
S364	8/15/2000	0 - 15		SF0020	1.9	18	1.7 U	5,970	13.4 J	27,100	394 J	0.095 U
S364	8/15/2000	15 - 30		SF0021	1.6	12	13	5,840	7.4 J	33,900	414 J	0.1 U

Table B1-6 (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Cobalt (mg/kg-dw)	Copper (mg/kg-dw)	Cyanide (mg/kg-dw)	Iron (mg/kg-dw)	Lead (mg/kg-dw)	Magnesium (mg/kg-dw)	Manganese (mg/kg-dw)	Total Mercury (mg/kg-dw)
S365	8/13/2000	0 - 15		SF0022	7.9	43.7	1.5 U	10600	71.3 J	26,500	476 J	0.65
S365	8/15/2000	15 - 30		SF0023	2.3	13.4	6.1	8560	11.1	48,100	548	0.14 U
S366	8/15/2000	0 - 15		SF0024	0.84	6	0.94 U	3650	4	3,610	228	0.053 U
S366	8/15/2000	15 - 30		SF0025	0.61	2.6	0.94 U	3380	0.85	3,520	184	0.054 U
S367	8/15/2000	0 - 2		SF0026	1.9	34.3 J	0.92 U	4350	17.5	3,550	364	0.7 J
S367	8/15/2000	2 - 15		SF0027	1.3	18.4	0.95 U	4600	8.3	4,510	279	0.33
S367	8/15/2000	15 - 30		SF0028	0.54	3.9	1 U	4440	1.4	3,960	170	0.091
S368	8/15/2000	0 - 15		SF0029	0.64	11.7	1 U	3760	7.2	3,630	316	0.22
S368	8/15/2000	15 - 30		SF0030	0.39	3.3	1 U	4020	1.2	3,580	289	0.057 U
S369	8/15/2000	0 - 15		SF0031	0.2	4.2	0.91 U	2500	3.1	3,320	193	0.055
S369	8/15/2000	15 - 30		SF0032	0.17 U	1.8	0.91 U	2020	0.6	3,250	140	0.061
S370	8/17/2000	0 - 2		SF0033	0.74	18.9	0.88 U	2240	11.1	2,880	197	0.61 J
S370	8/17/2000	2 - 15		SF0034	0.53	18.4	0.78 U	1890	12.6	2,460	181	0.55 J
S370	8/17/2000	15 - 30		SF0035	0.34	8.2	0.78 U	2210	4.6	2,980	160	0.044 UJ
S371	8/17/2000	0 - 15		SF0036	1.4	27.3	1.2 U	4880	18.3	4,410	262	0.49 J
S371	8/17/2000	15 - 30		SF0037	1.5	26.8	0.87 U	4380	26.6	3,740	178	0.55 J
S372	8/11/2000	0 - 15		SF0050	0.83	34.3	1.1 U	2530	12.6 J	3,310	337	1.6
S372	8/17/2000	15 - 30	D1	SF0039	1.5	10.2	0.82 U	4660	4.8 J	5,390	248	0.082 J
S372	8/17/2000	15 - 30	D2	SF0165	1.4	11.7	0.9 U	3680	5.6 J	4,430	271	0.051 U
S373	8/17/2000	0 - 2		SF0040	1.4	14.5	0.92 U	3360	11.5 J	3,400	236	0.56 J
S373	8/17/2000	2 - 15		SF0041	2	30.5	0.89 U	5150	35.6 J	3,950	212	0.86 J
S373	8/17/2000	15 - 30		SF0042	3.4	89.9	1 U	8120	103 J	5,290	188	4.1 J
S374	8/17/2000	0 - 15		SF0043	0.61	9.9	1.1 U	2380	4.6 J	3,350	269	0.34 J
S374	8/17/2000	15 - 30		SF0044	0.61	6.5	1.1 U	2700	2 J	3,310	195	0.16 J

Table B1-6. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Nickel (mg/kg-dw)	Potassium (mg/kg-dw)	Selenium (mg/kg-dw)	Silver (mg/kg-dw)	Sodium (mg/kg-dw)	Thallium (mg/kg-dw)	Vanadium (mg/kg-dw)	Zinc (mg/kg-dw)
OT6	8/9/2000	0 - 15		SF0161	23.1 J	1,660 J	3.2 J	0.31 U	395 J	2 U	23.7 J	81.7 J
OT7	8/14/2000	0 - 15		SF0162	22.3	2,320	1.5 U	0.3 U	293 J	2 U	19.8 J	83.6
S356	8/16/2000	0 - 15		SF0001	3.2	369	0.73	0.13 U	854 J	0.84 U	2.3	33.4
S356	8/16/2000	15 - 30		SF0002	2.1	184	0.68 U	0.14 U	857 J	0.9 U	1.7	8.2
S357	8/16/2000	0 - 2		SF0003	6.1	577	0.87 U	0.36	1,240 J	1.2 U	2.4	77.1
S357	8/16/2000	2 - 15		SF0004	4.3	354	0.87	0.14 U	1,100 J	0.91 U	2.3	34.2
S357	8/16/2000	15 - 30		SF0005	3	517	1.1	0.14 U	1,360 J	0.92 U	2.9	36.3
S358	8/16/2000	0 - 15		SF0006	3	386	1.2 U	0.12 U	1,370 J	0.77 U	2.4	10.8
S358	8/16/2000	15 - 30		SF0007	2.5	245	1.2 U	0.12 U	2,040 J	0.76 U	1.7	9.2
S359	8/16/2000	0 - 15		SF0008	12.6	1,760	0.74	0.11 U	1,050 J	0.71 U	12.3	51.8
S359	8/16/2000	15 - 30		SF0009	13.4	2,050	0.47 U	0.096 U	2,070 J	0.63 U	14.5	62.6
S360	8/16/2000	0 - 2	D1	SF0010	13.6	2,090	0.76 U	0.15 U	1,430 J	1 U	12.4	76.7
S360	8/16/2000	0 - 2	D2	SF0066	15.5	2,090	0.94	0.16 U	1,770 J	1 U	12.5	85.1
S360	8/16/2000	2 - 15	D1	SF0011	13.6	1,710	0.73 U	0.15 U	7,590 J	0.96 U	10.7	122
S360	8/16/2000	2 - 15	D2	SF0164	8	1,060	0.7 U	0.14 U	10,100 J	0.93 U	7	57
S360	8/16/2000	15 - 30	D1	SF0012	5.4	823	0.77	0.13 U	10,500 J	0.86 U	5.2	35.3
S360	8/16/2000	15 - 30	D2	SF0169	5.6	687	0.64 U	0.13 U	10,800 J	0.85 U	4.5	34.1
S361	8/15/2000	0 - 15	D1	SF0013	8.3	426	0.7 U	0.14 U	2,450	0.93 U	4.3	52.1
S361	8/15/2000	0 - 15	D2	SF0163	8	569	0.68	0.14 U	2,270	0.89 U	4.8	53.2
S361	8/15/2000	15 - 30		SF0014	5.8	742	0.76 U	0.15 U	6,290	1 U	5.5	24.4
S362	8/15/2000	0 - 15		SF0015	3.8	210	0.62 U	0.12 U	6,560	0.82 U	2.2	17.4
S362	8/15/2000	15 - 30		SF0016	3.1	167	0.73	0.13 U	16,000	0.88 U	1.6	49.8
S363	8/15/2000	0 - 2		SF0017	5.9	62.3	1.3 U	0.13 U	2,070 J	0.85 U	3.6	38.2
S363	8/15/2000	2 - 15	D1	SF0018	17.5	159	0.69 U	0.48	5,800	0.91 U	6.3	100
S363	8/15/2000	2 - 15	D2	SF0175	20.6	221	0.71 U	0.52	6,100	0.94 U	6.6	125
S363	8/15/2000	15 - 30		SF0019	10.6	143	1.3 U	0.27 U	11,500	1.7 U	8.1	38.1
S364	8/15/2000	0 - 15		SF0020	14.4	98.7	1.2 U	0.25 U	4,760	1.6 U	8.9	38.8
S364	8/15/2000	15 - 30		SF0021	11.1	69.2	1.4 U	0.27 U	5,880	1.8 U	8.4	22

Table B1-6 (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Nickel (mg/kg-dw)	Potassium (mg/kg-dw)	Selenium (mg/kg-dw)	Silver (mg/kg-dw)	Sodium (mg/kg-dw)	Thallium (mg/kg-dw)	Vanadium (mg/kg-dw)	Zinc (mg/kg-dw)
S365	8/13/2000	0 - 15		SF0022	57.1	143	1.1 U	0.28	4,480 J	1.5 U	15.9 J	96.3
S365	8/15/2000	15 - 30		SF0023	22.4	35.2	1.8 U	0.36 U	4,810	2.3 U	12.6	49.8
S366	8/15/2000	0 - 15		SF0024	4.2	659	0.93	0.14 U	3,690	0.92 U	3.7	27.7
S366	8/15/2000	15 - 30		SF0025	4.1	521	0.7 U	0.14 U	7,030	0.92 U	3.1	21.2
S367	8/15/2000	0 - 2		SF0026	8.8	507	1	0.52	1,060 J	0.9 U	3.9	80.8
S367	8/15/2000	2 - 15		SF0027	6.5	851	0.73	0.14 U	1,230	0.93 U	4.5	57.7
S367	8/15/2000	15 - 30		SF0028	4.2	1,060	0.93	0.15 U	1,990	0.99 U	5	20.6
S368	8/15/2000	0 - 15		SF0029	4.7	673	0.76 U	0.15 U	3,390	1 U	3.9	33.7
S368	8/15/2000	15 - 30		SF0030	4	729	0.74 U	0.15 U	6,890	0.98 U	3.9	18
S369	8/15/2000	0 - 15		SF0031	3	422	0.93	0.14 U	1,770	0.89 U	2.6	22.3
S369	8/15/2000	15 - 30		SF0032	2.8	339	0.67 U	0.14 U	2,880	0.89 U	2	21.4
S370	8/17/2000	0 - 2		SF0033	5.9	225	0.65 U	0.33	744 J	0.86 U	2.3	51.7
S370	8/17/2000	2 - 15		SF0034	6.9	110	0.57 U	0.26	933 J	0.76 U	1.8	55.7
S370	8/17/2000	15 - 30		SF0035	5.4	253	0.57 U	0.12 U	1,860 J	0.76 U	2	34.5
S371	8/17/2000	0 - 15		SF0036	9.5	436	0.9 U	0.34	1,010 J	1.2 U	8.9	102
S371	8/17/2000	15 - 30		SF0037	13.9	512	0.64 U	0.76	907 J	0.85 U	10	107
S372	8/11/2000	0 - 15		SF0050	7.6	125	0.96	0.58	1,040 J	1 U	1.8	84
S372	8/17/2000	15 - 30	D1	SF0039	7.9	619	1.2	0.12 U	1,260	0.81 U	5.1	36.7 J
S372	8/17/2000	15 - 30	D2	SF0165	8.6	326	1.2	0.13 U	1,370	0.88 U	3.8	44.4 J
S373	8/17/2000	0 - 2		SF0040	6.2	316	1.1	0.26	753	0.9 U	4.4	70 J
S373	8/17/2000	2 - 15		SF0041	14.5	656	1.3	1.2	1,070	0.87 U	7.7	147 J
S373	8/17/2000	15 - 30		SF0042	41.5	1,160	0.82	4.2	2,360	1 U	12.8	303 J
S374	8/17/2000	0 - 15		SF0043	4.7	362	1.6	0.17 U	1,150	1.1 U	3	41.8 J
S374	8/17/2000	15 - 30		SF0044	5.8	369	0.86	0.17 U	1,490	1.1 U	3.1	74.1 J

Table B1-7. TOC, Grain Size, and Total Solids in 30-cm Cores

Station	Date	Depth (cm)	Duplicate	Sample Number	Percent clay (%-ww)	Percent sand (%-ww)	Percent silt (%-ww)	Total organic carbon (%-dw)	Total solids (%-ww)
OT6	8/9/2000	0 - 15		SF0161	10	58	32	18.8	22.9
OT7	8/14/2000	0 - 15		SF0162	13	19	68	6.61	23.5
S356	8/16/2000	0 - 15		SF0001	18	42	40	9.84	58.1
S356	8/16/2000	15 - 30		SF0002	20	33	47	10.8	54.5
S357	8/16/2000	0 - 2		SF0003	9	68	23	10.1	42.6
S357	8/16/2000	2 - 15		SF0004	18	53	29	46.3	53.6
S357	8/16/2000	15 - 30		SF0005	24	38	38	9.97	53.4
S358	8/16/2000	0 - 15		SF0006	15	58	27	9.63	63.6
S358	8/16/2000	15 - 30		SF0007	21	37	42	10.1	64.2
S359	8/16/2000	0 - 15		SF0008	10	72	18	8.1	68
S359	8/16/2000	15 - 30		SF0009	8	81	11	9.1	73
S360	8/16/2000	0 - 2	D1	SF0010	9	42	49	7.16 J	49
S360	8/16/2000	0 - 2	D2	SF0066	7	40	53	4.78 J	48.2
S360	8/16/2000	2 - 15	D1	SF0011	5	22	73	8.14	50.8
S360	8/16/2000	2 - 15	D2	SF0164	4	34	62	7.76	52.5
S360	8/16/2000	15 - 30	D1	SF0012	6	55	39	8.25	56.7
S360	8/16/2000	15 - 30	D2	SF0169	6	51	43	9.14	57.5
S361	8/15/2000	0 - 15	D1	SF0013	5	66	29	4.81	54
S361	8/15/2000	0 - 15	D2	SF0163	4	67	29	4.8	55
S361	8/15/2000	15 - 30		SF0014	4	56	40	7.09	50
S362	8/15/2000	0 - 15		SF0015	6	88	6	5.45	59
S362	8/15/2000	15 - 30		SF0016	5	70	25	7.39	56
S363	8/15/2000	0 - 2		SF0017	5	79	16	9.06	61
S363	8/15/2000	2 - 15	D1	SF0018	4	32	64	6.43	52
S363	8/15/2000	2 - 15	D2	SF0175	3	34	63	5.3	51
S363	8/15/2000	15 - 30		SF0019	7	53	40	5.12	31
S364	8/15/2000	0 - 15		SF0020	7	28	65	6.63	30
S364	8/15/2000	15 - 30		SF0021	6	20	74	6.6	28
S365	8/13/2000	0 - 15		SF0022	7	31	62	7.68	32.8
S365	8/15/2000	15 - 30		SF0023	12	35	53	3.88	21
S366	8/15/2000	0 - 15		SF0024	16	48	36	9.35	53.1
S366	8/15/2000	15 - 30		SF0025	15	53	32	8.11	53
S367	8/15/2000	0 - 2		SF0026	6	84	10	9.09	54.3
S367	8/15/2000	2 - 15		SF0027	14	46	40	7.48	52.7
S367	8/15/2000	15 - 30		SF0028	24	20	56	7.85	49.4
S368	8/15/2000	0 - 15		SF0029	18	33	49	9.31	48.4
S368	8/15/2000	15 - 30		SF0030	12	58	30	6.44	49.8
S369	8/15/2000	0 - 15		SF0031	13	52	35	7.81	55.1
S369	8/15/2000	15 - 30		SF0032	14	51	35	8.75	54.9

Table B1-7. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Percent clay (%-ww)	Percent sand (%-ww)	Percent silt (%-ww)	Total organic carbon (%-dw)	Total solids (%-ww)
S370	8/17/2000	0 - 2		SF0033	5	11	84	5.14	56.8
S370	8/17/2000	2 - 15		SF0034	4	92	4	3.96	64.4
S370	8/17/2000	15 - 30		SF0035	15	42	43	5.86	64.5
S371	8/17/2000	0 - 15		SF0036	4	69	27	4.92	41
S371	8/17/2000	15 - 30		SF0037	6	60	34	8.65	57.6
S372	8/11/2000	0 - 15		SF0050	4	91	5	8.72	50.4
S372	8/17/2000	15 - 30	D1	SF0039	9	78	13	7.98	60.8
S372	8/17/2000	15 - 30	D2	SF0165	10	69	21	8.2	55.6
S373	8/17/2000	0 - 2		SF0040	6	78	16	6.69	54.2
S373	8/17/2000	2 - 15		SF0041	9	59	32	8.33	56.2
S373	8/17/2000	15 - 30		SF0042	11	31	58	7.22	48.1
S374	8/17/2000	0 - 15		SF0043	14	61	25	11.1	44
S374	8/17/2000	15 - 30		SF0044	18	42	40	9.98	44.3

Table B1-8. TCL VOCs in 2-m Cores

Station	Date	Depth (cm)	Duplicate	Sample Number	Acetone (µg/kg-dw)	Benzene (µg/kg-dw)	Bromodichloro-methane (µg/kg-dw)	Bromoform (µg/kg-dw)	Bromomethane (µg/kg-dw)	2-Butanone (µg/kg-dw)	Carbon disulfide (µg/kg-dw)	Carbon tetrachloride (µg/kg-dw)
S324	7/13/2000	0 - 15		SF0092	26	730	6 U	6 U	11 U	23 U	4 J	6 U
S324	7/13/2000	15 - 30		SF0093	100 U	1,600	25 U	25 U	50 U	24 J	13 J	25 U
S324	7/13/2000	30 - 100	D1	SB0001	9,100 UR	8,500 J	2,300 UJ	2,300 UJ	4,500 UJ	9,100 UR	2,300 UJ	2,300 UJ
S324	7/13/2000	30 - 100	D2	SB0068	83 J	6,700 J	25 UJ	25 UJ	49 UJ	98 UJ	25 UJ	25 UJ
S324	7/13/2000	100 - 200		SB0002	240	5,600 J	36 U	36 U	71 U	140 U	15 J	36 U
S325	7/14/2000	0 - 2		SF0094	17	5 U	5 U	5 U	11 U	4	5 UJ	5 UR
S325	7/14/2000	2 - 15		SF0095	41	6	5 U	5 U	9 U	7 J	5 U	5 U
S325	7/14/2000	15 - 30		SF0096	60	5 U	5 U	5 U	9 U	14 J	1 J	5 U
S325	7/14/2000	30 - 100		SB0003	20	6	4 U	4 U	8 U	6 J	4 UJ	4 UR
S325	7/14/2000	100 - 200		SB0004	8,800 UR	110 J	2,200 U	2,200 U	4,400 U	8,800 UR	2,200 U	2,200 UR
S326	7/14/2000	0 - 15		SF0097	23 U	2	6 U	6 U	11 U	6	3 J	6 U
S326	7/14/2000	15 - 30		SF0098	29	5 U	5 U	5 U	10 U	6	5 U	5 UR
S326	7/14/2000	30 - 100		SB0005	180	33 U	33 U	33 U	66 U	53	33 U	33 U
S326	7/14/2000	100 - 200		SB0006	340	46	27 U	27 U	54 U	76	16 J	27 U
S327	8/5/2000	0 - 15		SF0099	120 U	88	11 U	11 U	22 U	26	4	11 U
S327	8/5/2000	15 - 30		SF0100	100 U	73	9 U	9 U	17 U	23	3	9 U
S327	8/5/2000	30 - 60		SB0007	150 U	60	8 U	8 U	17 U	44	7	8 U
S327	8/5/2000	60 - 140		SB0008	32 U	2 J	3 U	3 U	7 U	3 J	2 J	3 U
S327	8/5/2000	140 - 196		SF0148	60 U	11	4 U	4 U	8 U	17 U	8	4 U
S328	7/15/2000	0 - 15		SF0101	8 J	3 U	3 U	3 U	7 U	2 J	0.7 J	3 U
S328	7/15/2000	15 - 30		SF0102	14 U	4 U	4 U	4 U	7 U	14 U	4 U	4 U
S328	7/15/2000	30 - 100		SB0009	15 U	4 U	4 U	4 U	7 U	15 U	4 U	4 U
S328	7/15/2000	100 - 200		SB0010	15 U	20	4 U	4 UJ	7 U	15 U	1 J	4 UJ
S329	7/16/2000	0 - 15		SF0103	15 U	4 U	4 U	4 U	8 U	15 U	4 U	4 U
S329	7/16/2000	15 - 30		SF0104	15 U	4 U	4 U	4 U	7 U	15 U	3 J	4 UR
S329	7/16/2000	30 - 100		SB0011	14 J	6	4 U	4 U	8 U	15 U	6 J	4 U
S329	7/16/2000	100 - 200		SB0012	10 J	23	4 U	4 UJ	7 U	14 U	3 J	4 UJ
S330	7/16/2000	0 - 15		SF0105	14 U	11	4 U	4 U	7 U	14 U	4 U	4 U
S330	7/16/2000	15 - 30		SF0106	9 J	170	4 U	4 U	7 U	14 U	2 J	4 U
S330	7/16/2000	30 - 100		SB0013	24 J	680	18 U	18 U	36 U	71 U	10 J	18 U

Table B1-8. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Acetone (µg/kg-dw)	Benzene (µg/kg-dw)	Bromodichloro-methane (µg/kg-dw)	Bromoform (µg/kg-dw)	Bromomethane (µg/kg-dw)	2-Butanone (µg/kg-dw)	Carbon disulfide (µg/kg-dw)	Carbon tetrachloride (µg/kg-dw)
S330	7/16/2000	100 - 200		SB0014	76 U	860	19 U	19 U	38 U	76 U	19 U	19 U
S331	7/16/2000	0 - 15		SF0107	25 U	6 U	6 U	6 U	12 U	25 U	2 J	6 UR
S331	7/16/2000	15 - 30		SF0108	140 U	36 U	36 U	36 U	71 U	71	15 J	36 U
S331	7/16/2000	30 - 100		SB0015	210	260	27 U	27 U	54 U	96	12 J	27 U
S331	7/16/2000	100 - 200		SB0016	12,000 UR	250 J	2,900 UJ	2,900 UJ	5,800 UJ	12,000 UR	2,900 UJ	2,900 UJ
S332	8/11/2000	0 - 15		SF0109	9,800 UR	410	2,500 U	2,500 U	4,900 U	9,800 UR	2,500 U	2,500 U
S332	8/10/2000	15 - 30		SF0110	24,000 UR	3,200 J	6,100 UJ	6,100 UJ	12,000 UJ	24,000 UR	6,100 UJ	6,100 UJ
S332	8/10/2000	30 - 100		SB0017	23,000 UR	6,100 J	5,800 UJ	5,800 UJ	12,000 UJ	23,000 UR	5,800 UJ	5,800 UJ
S332	8/10/2000	100 - 200		SB0018	22,000 UR	2,400 J	5,600 UJ	5,600 UJ	11000 UJ	22,000 UR	5,600 UJ	5,600 UJ
S333	8/2/2000	0 - 15		SF0134	10,000 UR	4,300 J	2,600 UJ	2,600 UJ	5,100 UJ	10,000 UR	2,600 UJ	2,600 UJ
S333	8/2/2000	15 - 30		SF0135	20,000 UR	12000	4,900 U	4,900 U	9,800 U	20,000 UR	4,900 UJ	4,900 U
S333	8/2/2000	30 - 100	D1	SB0041	100 J	520 J	16 UJ	16 UJ	32 UJ	64 UJ	18 J	16 UJ
S333	8/2/2000	30 - 100	D2	SB0066	2 U	1,200	18 U	18 UJ	36 U	72 UJ	9 J	18 U
S333	8/2/2000	100 - 193		SB0042	89 UJ	970 J	22 UJ	22 UJ	43 UJ	87 UJ	28 J	22 UJ
S334	8/2/2000	0 - 15		SF0153	8,900 UR	4,700	2,200 U	2,200 U	4,500 U	8,900 UR	2,200 UJ	2,200 U
S334	8/2/2000	15 - 30		SF0154	8,900 UR	19,000	2,200 U	2,200 U	4,500 U	8,900 UR	2,200 UJ	2,200 U
S334	8/2/2000	30 - 110		SB0059	11,000 UR	10,000	2,800 U	2,800 U	5,700 U	11,000 UR	2,800 UJ	2,800 U
S334	8/2/2000	110 - 200		SB0060	60,000 UR	140,000	15,000 U	15,000 U	30,000 U	60,000 UR	15,000 UJ	15,000 U
S335	8/2/2000	0 - 15		SF0115	19,000 UR	42,000 J	4,600 UJ	4,600 UJ	9,300 UJ	19,000 UR	4,600 UJ	4,600 UJ
S335	8/2/2000	15 - 30		SF0116	81,000 UR	180,000	20,000 U	20,000 U	40,000 U	81,000 UR	20,000 UJ	20,000 U
S335	8/2/2000	30 - 100		SB0023	210,000 UR	270,000	53,000 U	53,000 U	110,000 U	210,000 UR	53,000 U	53,000 U
S335	8/2/2000	100 - 190	D1	SB0024	47,000 UR	110,000 J	12,000 UJ	12,000 UJ	24,000 UJ	47,000 UR	12,000 UJ	12,000 UJ
S335	8/2/2000	100 - 190	D2	SB0065	47,000 UR	74,000	12,000 U	12,000 U	24,000 U	47,000 UR	12,000 UJ	12,000 U
S336	8/3/2000	0 - 15		SF0117	6,200 UR	250 J	1,600 UJ	1,600 UJ	3,100 U	6,200 UR	1,600 UJ	1,600 UJ
S336	8/3/2000	15 - 30		SF0118	89,000 UR	6,800 J	22,000 UJ	22,000 UJ	45,000 UJ	89,000 UR	22,000 UJ	22,000 UJ
S336	8/3/2000	30 - 100		SB0025	240,000 UR	12,000 J	60,000 UJ	60,000 UJ	120,000 UJ	240,000 UR	60,000 UJ	60,000 UJ
S336	8/3/2000	100 - 200		SB0026	11,000 UR	29,000	2,700 U	2,700 U	5,400 U	11,000 UR	2,700 UJ	2,700 U
S337	8/11/2000	0 - 15		SF0174	26,000 UR	370	6,400 U	6,400 U	13,000 U	26,000 UR	6,400 U	6,400 U
S337	8/3/2000	15 - 30		SF0120	86,000 UR	1,700	22,000 U	22,000 U	43,000 U	86,000 UR	22,000 U	22,000 UJ
S337	8/3/2000	30 - 100		SB0027	170,000 UR	7,000 J	42,000 UJ	42,000 UJ	83,000 UJ	170,000 UR	42,000 UJ	42,000 UJ

Table B1-8. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Acetone (µg/kg-dw)	Benzene (µg/kg-dw)	Bromodichloro-methane (µg/kg-dw)	Bromoform (µg/kg-dw)	Bromomethane (µg/kg-dw)	2-Butanone (µg/kg-dw)	Carbon disulfide (µg/kg-dw)	Carbon tetrachloride (µg/kg-dw)
S337	8/3/2000	100 - 200		SB0028	51,000 UR	4,100 J	13,000 UJ	13,000 UJ	26,000 UJ	51,000 UR	13,000 UJ	13,000 UJ
S338	8/3/2000	0 - 15		SF0121	16,000 UR	290	4,000 U	4,000 U	8,100 UJ	16,000 UR	4,000 UJ	4,000 UJ
S338	8/3/2000	15 - 30		SF0122	14,000 UR	1,200	3,500 U	3,500 U	6,900 U	14,000 UR	3,500 UJ	3,500 U
S338	8/3/2000	30 - 130		SB0029	14,000 UR	4,600 J	3,600 UJ	3,600 UJ	7,100 UJ	14,000 UR	3,600 UJ	3,600 UJ
S338	8/3/2000	130 - 200		SB0030	14,000 UR	3,500 J	3,400 UJ	3,400 UJ	6,800 UJ	14,000 UR	3,400 UJ	3,400 UJ
S339	8/3/2000	0 - 15		SF0124	12,000 UR	4,200	2,900 U	2,900 U	5,800 U	12,000 UR	2,900 UJ	2,900 U
S339	8/3/2000	15 - 30		SF0125	11,000 UR	4,000	2,700 U	2,700 U	5,400 U	11,000 UR	2,700 U	2,700 U
S339	8/3/2000	30 - 100		SB0031	20,000 UR	3,000 J	5,000 U	5,000 U	10,000 UJ	20,000 UR	5,000 UJ	5,000 UJ
S339	8/3/2000	100 - 168		SB0032	20,000 UR	2,800	5,100 U	5,100 U	10,000 UJ	20,000 UR	5,100 U	5,100 UJ
S339	8/3/2000	168 - 200		SF0123_E	320 U	1,500 J	25 U	25 U	49 U	52 J	12	25 U
S340	8/15/2000	0 - 2	D1	SF0123	170 UJ	12 J	17 UJ	17 UJ	33 UJ	33 J	15 J	17 UJ
S340	8/15/2000	0 - 2	D2	SF0123_R	2,100 UR	320 J	530 UJ	530 UJ	1,100 UJ	2,100 UR	530 UJ	530 UJ
S340	8/3/2000	0 - 15		SF0126	19,000 UR	2,500 J	4,700 UJ	4,700 UJ	9,400 UJ	19,000 UR	4,700 UJ	4,700 UJ
S340	8/3/2000	15 - 30		SF0127	22,000 UR	430 J	5,600 UJ	5,600 UJ	11,000 UJ	22,000 UR	5,600 UJ	5,600 UJ
S340	8/3/2000	30 - 100		SB0033	56,000 UR	1,300 J	14,000 UJ	14,000 UJ	28,000 UJ	56,000 UR	14,000 UJ	14,000 UJ
S340	8/3/2000	100 - 200		SB0034	13,000 UR	250 J	3,200 UJ	3,200 UJ	6,400 UJ	13,000 UR	3,200 UJ	3,200 UJ
S341	8/4/2000	0 - 15		SF0128	10,000 UR	2,200 J	2,600 UJ	2,600 UJ	5,100 UJ	10,000 UR	2,600 UJ	2,600 UJ
S341	8/4/2000	15 - 30		SF0129	8,000 J	6,900 J	3,200 UJ	3,200 UJ	6,400 UJ	13,000 UJ	3,200 UJ	3,200 UJ
S341	8/4/2000	30 - 85		SB0063	12,000 UR	17,000 J	3,000 UJ	3,000 UJ	6,100 UJ	12,000 UJ	3,000 UJ	3,000 UJ
S341	8/4/2000	85 - 160		SB0064	19,000 UR	27,000 J	4,600 UJ	4,600 UJ	9,300 UJ	19,000 UJ	4,600 UJ	4,600 UJ
S341	8/4/2000	160 - 200		SF0119	36,000 UR	72,000 J	9,100 UJ	9,100 UJ	18,000 UJ	36,000 UR	9,100 UJ	9,100 UJ
S342	8/10/2000	0 - 15		SF0130_T	2700 UR	180	680 U	680 U	1,400 U	2,700 UR	680 U	680 U
S342	7/27/2000	15 - 30		SF0131	120 U	1,500 J	29 U	29 U	58 U	120 U	24	29 U
S342	7/27/2000	30 - 100		SB0037	110 U	6,800 J	27 U	27 U	54 U	110 U	19	27 U
S342	7/27/2000	100 - 200		SB0038	1,700 J	5,900 J	30 UJ	30 UJ	61 UJ	120 UJ	43 J	30 UJ
S343	8/4/2000	0 - 15		SF0132	8,600 UR	1,200 J	2,200 UJ	2,200 UJ	4,300 UJ	8,600 UJ	2,200 UJ	2,200 UJ
S343	8/4/2000	15 - 30		SF0133	8,600 UR	470 J	2,200 UJ	2,200 UJ	4,300 UJ	8,600 UJ	1,200 J	2,200 UJ
S343	8/4/2000	30 - 100	D1	SB0039	22,000 UR	9,400 J	5,400 UJ	5,400 UJ	11,000 UJ	22,000 UJ	2,900 J	5,400 UJ
S343	8/4/2000	30 - 100	D2	SF0167	22,000 UR	5,000 J	5,400 UJ	5,400 UJ	11,000 UJ	22,000 UJ	2,900 J	5,400 UJ
S343	8/4/2000	100 - 200		SB0040	15,000 UR	1,900 J	3,800 UJ	3,800 UJ	7,600 UJ	15,000 UJ	3,800 UJ	3,800 UJ

Table B1-8. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Acetone (µg/kg-dw)	Benzene (µg/kg-dw)	Bromodichloro-methane (µg/kg-dw)	Bromoform (µg/kg-dw)	Bromomethane (µg/kg-dw)	2-Butanone (µg/kg-dw)	Carbon disulfide (µg/kg-dw)	Carbon tetrachloride (µg/kg-dw)
S344	8/10/2000	0 - 15		SF0111_T	10,000 UR	5,200 U	5,200 U	5,200 U	10,000 U	10,000 UR	5,200 U	5,200 U
S344	7/27/2000	15 - 30		SF0112	96 U	1,800 J	24 U	24 UJ	48 U	96 U	33 J	24 U
S344	7/27/2000	30 - 100	D1	SB0019	98 U	2,400 J	25 U	25 U	49 U	98 U	13 J	25 U
S344	7/27/2000	30 - 100	D2	SB0070	93 U	1,900 J	23 U	23 U	46 U	93 U	18 J	23 U
S344	7/27/2000	100 - 200		SB0020	3,000	3,400 U	34 U	34 U	68 U	140 U	67	34 U
S345	8/4/2000	0 - 15		SF0136	29,000 UR	1,500 J	7,400 UJ	7,400 UJ	15,000 UJ	29,000 UR	7,400 UJ	7,400 UJ
S345	8/4/2000	15 - 30		SF0137	32,000 UR	2,900 J	8,100 UJ	8,100 UJ	16,000 UJ	32,000 UJ	4,400 J	8,100 UJ
S345	8/4/2000	30 - 100		SB0043	28,000 UR	4,800 J	6,900 UJ	6,900 UJ	14,000 UJ	28,000 UJ	3,600 J	6,900 UJ
S345	8/4/2000	100 - 200		SB0044	45,000 UR	8,000 J	11,000 UJ	11,000 UJ	23,000 UJ	45,000 UR	11,000 UJ	11,000 UJ
S346	8/4/2000	0 - 15		SF0138	17,000 UR	760 J	4,300 UJ	4,300 UJ	8,600 UJ	17,000 UR	4,300 UJ	4,300 UJ
S346	8/4/2000	15 - 30		SF0139	9,100 UR	790 J	2,300 U	2,300 UJ	4,500 U	9,100 UR	2,300 U	2,300 U
S346	8/4/2000	30 - 160		SB0045	22,000 UR	910 J	5,400 UJ	5,400 UJ	11,000 UJ	22,000 UR	5,400 UJ	5,400 UJ
S346	8/4/2000	160 - 200		SB0046	20,000 UR	3,600 J	4,900 UJ	4,900 UJ	9,800 UJ	20,000 UR	4,900 UJ	4,900 UJ
S347	8/4/2000	0 - 15		SF0140	10,000 UR	400 J	2,600 UJ	2,600 UJ	5200 UJ	10,000 UJ	2,600 UJ	2,600 UJ
S347	8/4/2000	15 - 30		SF0141	45,000 UR	2,000 J	11,000 UJ	11,000 UJ	23,000 UJ	45,000 UJ	11,000 UJ	11,000 UJ
S347	8/4/2000	30 - 100		SB0047	53,000 UR	5,100 J	13,000 UJ	13,000 UJ	26,000 UJ	53,000 UR	13,000 UJ	13,000 UJ
S347	8/4/2000	100 - 200		SB0048	14,000 UR	4,100 J	3,500 UJ	3,500 UJ	6,900 UJ	14,000 UR	3,500 UJ	3,500 UJ
S348	8/5/2000	0 - 15		SF0142	14,000 UR	3,600 UJ	3,600 UJ	3,600 UJ	7,100 UJ	14,000 UR	3,600 UJ	3,600 UJ
S348	8/5/2000	15 - 30		SF0143	12,000 UR	390 J	3,000 UJ	3,000 UJ	6,100 UJ	12000 UR	3,000 UJ	3,000 UJ
S348	8/5/2000	30 - 110		SB0049	14,000 UR	440 J	3,600 UJ	3,600 UJ	7,100 UJ	14,000 UR	3,600 UJ	3,600 UJ
S348	8/5/2000	110 - 200		SB0050	9,600 UR	1,400 J	2,400 UJ	2,400 UJ	4,800 UJ	9,600 UR	2,400 UJ	2,400 UJ
S349	8/5/2000	0 - 15		SF0144	10,000 UR	1,600 J	2,600 UJ	2,600 UJ	5,100 UJ	10,000 UR	2,600 UJ	2,600 UJ
S349	8/5/2000	15 - 30		SF0145	11,000 UR	4,200 J	2,800 UJ	2,800 UJ	5,600 UJ	11,000 UR	2,800 UJ	2,800 UJ
S349	8/5/2000	30 - 100		SB0051	230 J	1,000 J	23 UJ	23 UJ	46 UJ	39 J	30 J	23 UJ
S349	8/5/2000	100 - 200		SB0052	220 J	550 J	21 UJ	21 UJ	43 UJ	35 J	49 J	21 UJ
S350	8/5/2000	0 - 15		SF0146	12,000 UR	120	3,100 U	3,100 U	6,200 U	12,000 UR	3,100 U	3,100 U
S350	8/5/2000	15 - 30		SF0147	11,000 UR	170 J	2,800 UJ	2,800 UJ	5,700 UJ	11,000 UR	2,800 UJ	2,800 UJ
S350	8/5/2000	30 - 92		SB0053	13,000 UR	260 J	3,300 UJ	3,300 UJ	6,600 UJ	13,000 UR	3,300 UJ	3,300 UJ
S350	8/5/2000	92 - 200	D1	SB0054	170	370 J	25 U	25 U	50 U	100 U	8 J	25 UJ
S350	8/5/2000	92 - 200	D2	SB0067	9,600 UR	330 J	2,400 U	2,400 U	4,800 U	9,600 UR	2,400 U	2,400 U

Table B1-8. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Acetone (µg/kg-dw)	Benzene (µg/kg-dw)	Bromodichloro-methane (µg/kg-dw)	Bromoform (µg/kg-dw)	Bromomethane (µg/kg-dw)	2-Butanone (µg/kg-dw)	Carbon disulfide (µg/kg-dw)	Carbon tetrachloride (µg/kg-dw)
S351	8/15/2000	0 - 2		SF0173	78 UJ	18	6 U	6 UJ	13 U	3 J	13 U	6 U
S351	8/5/2000	0 - 15		SF0149	170	190	26 U	26 U	52 U	34	10	26 U
S351	8/5/2000	15 - 30		SF0150	130	360	15 U	15 U	29 U	31 J	6 J	15 U
S351	8/5/2000	30 - 100		SB0055	9,300 UR	510 J	2,300 U	2,300 U	4,600 U	9,300 UR	2,300 U	2,300 U
S351	8/5/2000	100 - 200		SB0056	170	170	22 U	22 U	45 U	46 J	10 J	22 U
S352	8/10/2000	0 - 15		SF0151	1,800 UR	110 J	440 U	440 U	880 U	1,800 UR	440 U	440 U
S352	8/10/2000	15 - 30		SF0152	3,600 UR	330 J	910 U	910 U	1,800 U	3,600 UR	910 U	910 U
S352	8/10/2000	30 - 100		SB0057	1,600 UR	100 J	400 U	400 U	790 U	1,600 UR	400 U	400 U
S352	8/10/2000	100 - 200		SB0058	73 U	6	4 U	4 U	9 U	9 J	8	4 U
S353	7/27/2000	0 - 15		SF0113	16 U	23	4 U	4 U	8 U	16 U	2 J	4 U
S353	7/27/2000	15 - 30		SF0114	49 UJ	17 J	3 UJ	3 UJ	7 UJ	11 J	9 J	3 UJ
S353	7/27/2000	30 - 100		SB0021	58 U	4	4 U	4 U	8 U	13 J	4 J	4 U
S353	7/27/2000	100 - 200		SB0022	27 U	4 J	4 U	4 U	9 U	5 J	6	4 U
S354	8/10/2000	0 - 15		SF0155	220 U	73	11 U	11 U	23 U	57	8	11 U
S354	8/13/2000	15 - 30		SF0156	100 UJ	49	8 U	8 U	16 U	9 J	8	8 U
S354	8/13/2000	30 - 100		SB0061	18,000 UR	700	4,500 U	4,500 U	8,900 U	18,000 UR	4,500 U	4,500 U
S354	8/13/2000	100 - 200	D1	SB0062	2800 UR	680	690 U	690 U	1,400 U	2,800 UR	690 U	690 U
S354	8/13/2000	100 - 200	D2	SB0069	14,000 UR	790	3,500 U	3,500 U	6,900 U	14,000 UR	3,500 U	3,500 U
S355	8/10/2000	0 - 15		SF0157	180 U	20	12 U	12 U	24 U	62	10	12 U
S355	8/13/2000	15 - 30		SF0158	290 U	41	9 U	9 U	17 U	77	11	9 U
S355	8/13/2000	30 - 100		SB0035	980	120	38 U	38 U	76 U	290	34	38 U
S355	8/13/2000	100 - 200		SB0036	560 U	64	32 U	32 U	63 U	150	21	32 U
S434	8/9/2000	0 - 15		SF0170	40 U	5	4 U	4 U	8 U	3 J	4 U	4 U
S434	8/9/2000	15 - 30		SF0171	42 U	78	4 U	4 U	9 U	3 J	10	4 U
S434	8/9/2000	30 - 100		SB0100	110 UR	1,400	12 U	12 U	25 U	4 J	7 J	12 U
S434	8/9/2000	100 - 200		SB0101	1,900 UR	3,600	460 U	460 U	930 U	1,900 UR	460 U	460 U
S435	8/9/2000	0 - 5		SF0172	13,000 UR	30,000 J	3,200 UJ	3,200 UJ	6,500 UJ	13,000 UR	3,200 UJ	3,200 UJ

Table B1-8. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Chlorobenzene (µg/kg-dw)	Chloroethane (µg/kg-dw)	Chloroform (µg/kg-dw)	Chloromethane (µg/kg-dw)	Dibromochloro-methane (µg/kg-dw)	1,1-Dichloroethane (µg/kg-dw)	1,2-Dichloroethane (µg/kg-dw)
S324	7/13/2000	0 - 15		SF0092	4	11 U	6 U	11 U	6 U	6 U	6 U
S324	7/13/2000	15 - 30		SF0093	10 J	50 U	25 U	50 U	25 U	25 U	25 U
S324	7/13/2000	30 - 100	D1	SB0001	2,300 UJ	4,500 UJ	2,300 UJ	4,500 UJ	2,300 UJ	2,300 UJ	2,300 UJ
S324	7/13/2000	30 - 100	D2	SB0068	19 J	49 UJ	25 UJ	49 UJ	25 UR	25 UJ	25 UJ
S324	7/13/2000	100 - 200		SB0002	36 U	71 U	36 U	71 U	36 U	36 U	36 U
S325	7/14/2000	0 - 2		SF0094	5 U	11 U	5 U	11 U	5 U	5 U	5 U
S325	7/14/2000	2 - 15		SF0095	5 U	9 U	5 U	9 U	5 UR	5 U	5 U
S325	7/14/2000	15 - 30		SF0096	5 U	9 U	5 U	9 U	5 UR	5 U	5 U
S325	7/14/2000	30 - 100		SB0003	2 J	8 U	4 U	8 U	4 U	4 U	4 U
S325	7/14/2000	100 - 200		SB0004	2,200 U	4,400 U	2,200 U	4,400 U	2,200 U	2,200 U	2,200 U
S326	7/14/2000	0 - 15		SF0097	3	11 U	6 U	11 U	6 UR	6 U	6 U
S326	7/14/2000	15 - 30		SF0098	2	10 U	5 U	10 U	5 U	5 U	5 U
S326	7/14/2000	30 - 100		SB0005	65	66 U	33 U	66 U	33 U	33 U	33 U
S326	7/14/2000	100 - 200		SB0006	29	54 U	27 U	54 U	27 U	27 U	27 U
S327	8/5/2000	0 - 15		SF0099	400	22 U	11 U	22 U	11 U	11 U	11 U
S327	8/5/2000	15 - 30		SF0100	320	17 U	9 U	17 U	9 U	9 U	9 U
S327	8/5/2000	30 - 60		SB0007	200	17 U	8 U	17 U	8 U	8 U	8 U
S327	8/5/2000	60 - 140		SB0008	3 U	7 U	3 U	7 U	3 U	3 U	3 U
S327	8/5/2000	140 - 196		SF0148	18	8 U	4 U	8 U	4 U	4 U	4 U
S328	7/15/2000	0 - 15		SF0101	3 U	7 U	3 U	7 U	3 U	3 U	3 U
S328	7/15/2000	15 - 30		SF0102	4 U	7 U	4 U	7 U	4 U	4 U	4 U
S328	7/15/2000	30 - 100		SB0009	4 U	7 U	4 U	7 U	4 U	4 U	4 U
S328	7/15/2000	100 - 200		SB0010	4 U	7 U	4 U	7 U	4 UJ	4 U	4 U
S329	7/16/2000	0 - 15		SF0103	4 U	8 U	4 U	8 U	4 U	4 U	4 U
S329	7/16/2000	15 - 30		SF0104	4 U	7 U	4 U	7 U	4 U	4 U	4 U
S329	7/16/2000	30 - 100		SB0011	1 J	8 U	4 U	8 U	4 UR	4 U	4 U
S329	7/16/2000	100 - 200		SB0012	4 U	7 U	4 U	7 U	4 UR	4 U	4 U
S330	7/16/2000	0 - 15		SF0105	150	7 U	4 U	7 U	4 UR	4 U	4 U
S330	7/16/2000	15 - 30		SF0106	200	7 U	4 U	7 U	4 UR	4 U	4 U
S330	7/16/2000	30 - 100		SB0013	1,500	36 U	18 U	36 U	18 U	18 U	18 U

Table B1-8. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Chlorobenzene (µg/kg-dw)	Chloroethane (µg/kg-dw)	Chloroform (µg/kg-dw)	Chloromethane (µg/kg-dw)	Dibromochloro-methane (µg/kg-dw)	1,1-Dichloroethane (µg/kg-dw)	1,2-Dichloroethane (µg/kg-dw)
S330	7/16/2000	100 - 200		SB0014	1,200	38 U	19 U	38 U	19 U	19 U	19 U
S331	7/16/2000	0 - 15		SF0107	45	12 U	6 U	12 U	6 U	6 U	6 U
S331	7/16/2000	15 - 30		SF0108	230	71 U	36 U	71 U	36 UR	36 U	36 U
S331	7/16/2000	30 - 100		SB0015	1,300	54 U	27 U	54 U	27 UR	27 U	27 U
S331	7/16/2000	100 - 200		SB0016	290 J	5,800 UJ	2,900 UJ	5,800 UJ	2,900 UJ	2,900 UJ	2,900 UJ
S332	8/11/2000	0 - 15		SF0109	2,800	4,900 U	2,500 U	4,900 U	2,500 U	2,500 U	2,500 U
S332	8/10/2000	15 - 30		SF0110	12,000 J	12,000 UJ	6,100 UJ	12,000 UJ	6,100 UJ	6,100 UJ	6,100 UJ
S332	8/10/2000	30 - 100		SB0017	11,000 J	12,000 UJ	5,800 UJ	12,000 UJ	5,800 UJ	5,800 UJ	5,800 UJ
S332	8/10/2000	100 - 200		SB0018	5,300 J	11,000 UJ	5,600 UJ	11,000 UJ	5,600 UJ	5,600 UJ	5,600 UJ
S333	8/2/2000	0 - 15		SF0134	430 J	5,100 UJ	2,600 UJ	5,100 UJ	2,600 UJ	2,600 UJ	2,600 UJ
S333	8/2/2000	15 - 30		SF0135	590 J	9,800 UJ	4,900 U	9,800 U	4,900 U	4,900 U	4,900 U
S333	8/2/2000	30 - 100	D1	SB0041	16 UJ	32 UJ	16 UJ	32 UJ	16 UJ	16 UJ	16 UJ
S333	8/2/2000	30 - 100	D2	SB0066	18 U	36 U	18 U	36 U	18 UJ	18 U	18 U
S333	8/2/2000	100 - 193		SB0042	22 UJ	43 UJ	22 UJ	43 UJ	22 UJ	22 UJ	22 UJ
S334	8/2/2000	0 - 15		SF0153	1,900 J	4,500 UJ	2,200 U	4,500 U	2,200 U	2,200 U	2,200 U
S334	8/2/2000	15 - 30		SF0154	5,200	4,500 UJ	2,200 U	4,500 U	2,200 U	2,200 U	2,200 U
S334	8/2/2000	30 - 110		SB0059	560	5,700 UJ	2,800 U	5,700 U	2,800 U	2,800 U	2,800 U
S334	8/2/2000	110 - 200		SB0060	830	30,000 UJ	15,000 U	30,000 U	15,000 U	15,000 U	15,000 U
S335	8/2/2000	0 - 15		SF0115	90,000 J	9,300 UJ	4,600 UJ	9,300 UJ	4,600 UJ	4,600 UJ	4,600 UJ
S335	8/2/2000	15 - 30		SF0116	270,000	40,000 UJ	20,000 U	40,000 U	20,000 U	20,000 U	20,000 U
S335	8/2/2000	30 - 100		SB0023	610,000	110,000 U	53,000 U	110,000 U	53,000 U	53,000 U	53,000 U
S335	8/2/2000	100 - 190	D1	SB0024	210,000	24,000 UJ	12,000 UJ	24,000 UJ	12,000 UJ	12,000 UJ	12,000 UJ
S335	8/2/2000	100 - 190	D2	SB0065	200,000	24,000 U	12,000 U	24,000 U	12,000 U	12,000 U	12,000 U
S336	8/3/2000	0 - 15		SF0117	8,900	3,100 U	1,600 U	3,100 U	1,600 UJ	1,600 U	1,600 U
S336	8/3/2000	15 - 30		SF0118	290,000 J	45,000 UJ	22,000 UJ	45,000 UJ	22,000 UJ	22,000 UJ	22,000 UJ
S336	8/3/2000	30 - 100		SB0025	640,000 J	120,000 UJ	60,000 UJ	120,000 UJ	60,000 UJ	60,000 UJ	60,000 UJ
S336	8/3/2000	100 - 200		SB0026	1,400	5,400 UJ	2,700 U	5,400 U	2700 U	2,700 U	2,700 U
S337	8/11/2000	0 - 15		SF0174	65,000	13,000 U	6,400 U	13,000 U	6,400 U	6,400 U	6,400 U
S337	8/3/2000	15 - 30		SF0120	310,000	43,000 U	22,000 U	43,000 UJ	22,000 U	22,000 U	22,000 U
S337	8/3/2000	30 - 100		SB0027	610,000 J	83,000 UJ	42,000 UJ	83,000 UJ	42,000 UJ	42,000 UJ	42,000 UJ

Table B1-8. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Chlorobenzene (µg/kg-dw)	Chloroethane (µg/kg-dw)	Chloroform (µg/kg-dw)	Chloromethane (µg/kg-dw)	Dibromochloro-methane (µg/kg-dw)	1,1-Dichloroethane (µg/kg-dw)	1,2-Dichloroethane (µg/kg-dw)
S337	8/3/2000	100 - 200		SB0028	170,000 J	26,000 UJ	13,000 UJ	26,000 UJ	7,000 J	13,000 UJ	13,000 UJ
S338	8/3/2000	0 - 15		SF0121	19,000	8,100 UJ	4,000 U	8,100 UJ	4,000 U	4,000 U	4,000 U
S338	8/3/2000	15 - 30		SF0122	32,000	6,900 UJ	3,500 U	6,900 U	3,500 U	3,500 U	3,500 U
S338	8/3/2000	30 - 130		SB0029	58,000 J	7,100 UJ	3,600 UJ	7,100 UJ	3,600 UJ	3,600 UJ	3,600 UJ
S338	8/3/2000	130 - 200		SB0030	17,000 J	6,800 UJ	3,400 UJ	6,800 UJ	3,400 UJ	3,400 UJ	3,400 UJ
S339	8/3/2000	0 - 15		SF0124	48,000	5,800 UJ	2,900 U	5,800 U	2,900 U	2,900 U	2,900 U
S339	8/3/2000	15 - 30		SF0125	43,000	5,400 UJ	2,700 U	5,400 U	2,700 U	2,700 U	2,700 U
S339	8/3/2000	30 - 100		SB0031	17,000	10,000 UJ	5,000 U	10,000 UJ	5,000 U	5,000 U	5,000 U
S339	8/3/2000	100 - 168		SB0032	800	10,000 U	5,100 U	10,000 UJ	5,100 U	5,100 U	5,100 U
S339	8/3/2000	168 - 200		SF0123_E	25	49 UJ	25 U	49 U	25 U	25 U	25 U
S340	8/15/2000	0 - 2	D1	SF0123	140 J	33 UJ	17 UJ	33 UJ	17 UJ	17 UJ	11 J
S340	8/15/2000	0 - 2	D2	SF0123_R	2,400 J	1,100 UJ	530 UJ	1,100 UJ	530 UJ	530 UJ	530 UJ
S340	8/3/2000	0 - 15		SF0126	3,600 J	9,400 UJ	4,700 UJ	9,400 UJ	4,700 UJ	4,700 UJ	4,700 UJ
S340	8/3/2000	15 - 30		SF0127	5,200 J	11,000 UJ	5,600 UJ	11,000 UJ	5,600 UJ	5,600 UJ	5,600 UJ
S340	8/3/2000	30 - 100		SB0033	23,000 J	28,000 UJ	14,000 UJ	28,000 UJ	14,000 UJ	14,000 UJ	14,000 UJ
S340	8/3/2000	100 - 200		SB0034	1,700 J	6,400 UJ	3,200 UJ	6,400 UJ	3,200 UJ	3,200 UJ	3,200 UJ
S341	8/4/2000	0 - 15		SF0128	1,000 J	5,100 U	2,600 UJ	5,100 UJ	2,600 UJ	2,600 U	2,600 UJ
S341	8/4/2000	15 - 30		SF0129	1,000 J	6,400 UJ	3,200 UJ	6,400 UJ	3,200 UJ	3,200 UJ	3,200 UJ
S341	8/4/2000	30 - 85		SB0063	2,900 J	6,100 UJ	3,000 UJ	6,100 UJ	3,000 UJ	3,000 UJ	3,000 UJ
S341	8/4/2000	85 - 160		SB0064	700 J	9,300 UJ	4,600 UJ	9,300 UJ	4,600 UJ	4,600 UJ	4,600 UJ
S341	8/4/2000	160 - 200		SF0119	9,100 UJ	18,000 UJ	9,100 UJ	18,000 UJ	9,100 UJ	9,100 UJ	9,100 UJ
S342	8/10/2000	0 - 15		SF0130_T	230	1,400 UJ	680 U	1,400 U	680 U	680 U	680 U
S342	7/27/2000	15 - 30		SF0131	1,600 J	58 U	29 U	58 U	29 U	29 U	29 U
S342	7/27/2000	30 - 100		SB0037	11,000 J	54 U	27 U	54 U	27 U	27 U	27 U
S342	7/27/2000	100 - 200		SB0038	5,200 J	61 UJ	30 UJ	61 UJ	30 UJ	30 UJ	30 UJ
S343	8/4/2000	0 - 15		SF0132	9,000 J	4,300 UJ	2,200 UJ	4,300 UJ	2,200 UJ	2,200 UJ	2,200 UJ
S343	8/4/2000	15 - 30		SF0133	4,300 J	4,300 UJ	2,200 UJ	4,300 UJ	2,200 UJ	2,200 UJ	2,200 UJ
S343	8/4/2000	30 - 100	D1	SB0039	36,000 J	11,000 UJ	5,400 UJ	11,000 UJ	5,400 UJ	5,400 UJ	5,400 UJ
S343	8/4/2000	30 - 100	D2	SF0167	14,000 J	11,000 UJ	5,400 UJ	11,000 UJ	5,400 UJ	5,400 UJ	5,400 UJ
S343	8/4/2000	100 - 200		SB0040	1,800 J	7,600 UJ	3,800 UJ	7,600 UJ	3,800 UJ	3,800 UJ	3,800 UJ

Table B1-8. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Chlorobenzene (µg/kg-dw)	Chloroethane (µg/kg-dw)	Chloroform (µg/kg-dw)	Chloromethane (µg/kg-dw)	Dibromochloro-methane (µg/kg-dw)	1,1-Dichloroethane (µg/kg-dw)	1,2-Dichloroethane (µg/kg-dw)
S344	8/10/2000	0 - 15		SF0111_T	120,000	10,000 UJ	5,200 U	10,000 U	5,200 U	5,200 U	5,200 U
S344	7/27/2000	15 - 30		SF0112	150,000	48 U	24 U	48 U	24 UJ	24 U	24 U
S344	7/27/2000	30 - 100	D1	SB0019	46,000	49 U	25 U	49 U	25 U	25 U	25 U
S344	7/27/2000	30 - 100	D2	SB0070	64,000	46 U	23 U	46 U	23 U	23 U	23 U
S344	7/27/2000	100 - 200		SB0020	9,300	68 U	34 U	68 U	34 U	34 U	34 U
S345	8/4/2000	0 - 15		SF0136	3,700 J	15,000 UJ	7,400 UJ	15,000 UJ	7,400 UJ	7,400 UJ	7,400 UJ
S345	8/4/2000	15 - 30		SF0137	4,000 J	16,000 UJ	8,100 UJ	16,000 UJ	8,100 UJ	8,100 UJ	8,100 UJ
S345	8/4/2000	30 - 100		SB0043	4,400 J	14,000 UJ	6,900 UJ	14,000 UJ	6,900 UJ	6,900 UJ	6,900 UJ
S345	8/4/2000	100 - 200		SB0044	18,000 J	23,000 UJ	11,000 UJ	23,000 UJ	11,000 UJ	11,000 UJ	11,000 UJ
S346	8/4/2000	0 - 15		SF0138	5,000 J	8,600 UJ	4,300 UJ	8,600 UJ	4,300 UJ	4,300 UJ	4,300 UJ
S346	8/4/2000	15 - 30		SF0139	3,400	4,500 U	2,300 U	4,500 U	2,300 U	2,300 U	2,300 U
S346	8/4/2000	30 - 160		SB0045	500 J	11,000 UJ	5,400 UJ	11,000 UJ	5,400 UJ	5,400 UJ	5,400 UJ
S346	8/4/2000	160 - 200		SB0046	1,400 J	9,800 UJ	4,900 UJ	9,800 UJ	4,900 UJ	4,900 UJ	4,900 UJ
S347	8/4/2000	0 - 15		SF0140	10,000 J	5,200 UJ	2,600 UJ	5,200 UJ	2,600 UJ	2,600 UJ	2,600 UJ
S347	8/4/2000	15 - 30		SF0141	90,000 J	23,000 UJ	11,000 UJ	23,000 UJ	11,000 UJ	11,000 UJ	11,000 UJ
S347	8/4/2000	30 - 100		SB0047	21,000 J	26,000 UJ	13,000 UJ	26,000 UJ	13,000 UJ	13,000 UJ	13,000 UJ
S347	8/4/2000	100 - 200		SB0048	1,800 J	6,900 UJ	3,500 UJ	6,900 UJ	3,500 UJ	3,500 UJ	3,500 UJ
S348	8/5/2000	0 - 15		SF0142	3,600 J	7,100 UJ	3,600 UJ	7,100 UJ	3,600 UJ	3,600 UJ	3,600 UJ
S348	8/5/2000	15 - 30		SF0143	9,400 J	6,100 UJ	3,000 UJ	6,100 UJ	3,000 UJ	3,000 UJ	3,000 UJ
S348	8/5/2000	30 - 110		SB0049	3,900 J	7,100 UJ	3,600 UJ	7,100 UJ	3,600 UJ	3,600 UJ	3,600 UJ
S348	8/5/2000	110 - 200		SB0050	570 J	4,800 UJ	2,400 UJ	4,800 UJ	2,400 UJ	2,400 UJ	2,400 UJ
S349	8/5/2000	0 - 15		SF0144	220 J	5,100 UJ	2,600 UJ	5,100 UJ	2,600 UJ	2,600 UJ	2,600 UJ
S349	8/5/2000	15 - 30		SF0145	410 J	5,600 UJ	2,800 UJ	5,600 UJ	2,800 UJ	2,800 UJ	2,800 UJ
S349	8/5/2000	30 - 100		SB0051	21 J	46 UJ	23 UJ	46 UJ	23 UJ	23 UJ	23 UJ
S349	8/5/2000	100 - 200		SB0052	21 UJ	43 UJ	21 UJ	43 UJ	21 UJ	21 UJ	21 UJ
S350	8/5/2000	0 - 15		SF0146	2,400	6,200 U	3,100 U	6,200 U	3,100 U	3,100 U	3,100 U
S350	8/5/2000	15 - 30		SF0147	2,800 J	5,700 UJ	2,800 UJ	5,700 UJ	2,800 UJ	2,800 UJ	2,800 UJ
S350	8/5/2000	30 - 92		SB0053	2,200 J	6,600 UJ	3,300 UJ	6,600 UJ	3,300 UJ	3,300 UJ	3,300 UJ
S350	8/5/2000	92 - 200	D1	SB0054	510	50 U	25 U	50 U	25 U	25 U	25 U
S350	8/5/2000	92 - 200	D2	SB0067	380 J	4,800 U	2,400 U	4,800 U	2,400 U	2,400 U	2,400 U

Table B1-8. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Chlorobenzene (µg/kg-dw)	Chloroethane (µg/kg-dw)	Chloroform (µg/kg-dw)	Chloromethane (µg/kg-dw)	Dibromochloro-methane (µg/kg-dw)	1,1-Dichloroethane (µg/kg-dw)	1,2-Dichloroethane (µg/kg-dw)
S351	8/15/2000	0 - 2		SF0173	350 J	13 U	6 U	13 U	6 UJ	6 U	6 U
S351	8/5/2000	0 - 15		SF0149	2,000	52 U	26 U	52 U	26 U	26 U	26 U
S351	8/5/2000	15 - 30		SF0150	1,700 J	29 U	15 U	29 U	15 U	15 U	15 U
S351	8/5/2000	30 - 100		SB0055	6,900	4,600 U	2,300 U	4,600 U	2,300 U	2,300 U	2,300 U
S351	8/5/2000	100 - 200		SB0056	270	45 U	22 U	45 U	22 U	22 U	22 U
S352	8/10/2000	0 - 15		SF0151	9,900	880 UJ	440 U	880 U	440 U	440 U	440 U
S352	8/10/2000	15 - 30		SF0152	27,000	1,800 UJ	910 U	1,800 U	910 U	910 U	910 U
S352	8/10/2000	30 - 100		SB0057	3,600	790 UJ	400 U	790 U	400 U	400 U	400 U
S352	8/10/2000	100 - 200		SB0058	4 J	9 U	4 U	9 U	4 U	4 U	4 U
S353	7/27/2000	0 - 15		SF0113	210	8 U	4 U	8 U	4 U	4 U	4 U
S353	7/27/2000	15 - 30		SF0114	180 J	7 UJ	3 UJ	7 UJ	3 UJ	3 UJ	3 UJ
S353	7/27/2000	30 - 100		SB0021	2 J	8 U	4 U	8 U	4 U	4 U	4 U
S353	7/27/2000	100 - 200		SB0022	2 J	9 U	4 U	9 U	4 U	4 U	4 U
S354	8/10/2000	0 - 15		SF0155	49	23 U	11 U	23 U	11 U	11 U	11 U
S354	8/13/2000	15 - 30		SF0156	170	16 U	8 U	16 U	8 U	8 U	8 U
S354	8/13/2000	30 - 100		SB0061	6,600	8,900 U	4,500 U	8,900 U	4,500 U	4,500 U	4,500 U
S354	8/13/2000	100 - 200	D1	SB0062	4,700	1,400 U	690 U	1,400 U	690 U	690 U	690 U
S354	8/13/2000	100 - 200	D2	SB0069	6,400	6,900 U	3,500 U	6,900 U	3,500 U	3,500 U	3,500 U
S355	8/10/2000	0 - 15		SF0157	44	24 U	12 U	24 U	12 U	12 U	12 U
S355	8/13/2000	15 - 30		SF0158	130	17 U	9 U	17 U	9 U	9 U	9 U
S355	8/13/2000	30 - 100		SB0035	1,300	76 U	38 U	76 U	38 U	38 U	38 U
S355	8/13/2000	100 - 200		SB0036	240	63 U	32 U	63 U	32 U	32 U	32 U
S434	8/9/2000	0 - 15		SF0170	5	8 U	4 U	8 U	4 U	4 U	4 U
S434	8/9/2000	15 - 30		SF0171	21	9 U	4 U	9 U	4 U	4 U	4 U
S434	8/9/2000	30 - 100		SB0100	25	25 U	12 U	25 U	12 U	12 U	12 U
S434	8/9/2000	100 - 200		SB0101	460 U	930 UJ	460 U	930 U	460 U	460 U	460 U
S435	8/9/2000	0 - 5		SF0172	2,900 J	6,500 UJ	3,200 UJ	6,500 UJ	3,200 UJ	3,200 UJ	3,200 UJ

Table B1-8. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	1,1-Dichloroethene (µg/kg-dw)	Cis-1,2-Dichloroethene (µg/kg-dw)	Trans-1,2-Dichloroethene (µg/kg-dw)	1,2-Dichloropropane (µg/kg-dw)	Cis-1,3-Dichloropropene (µg/kg-dw)	Trans-1,3-Dichloropropene (µg/kg-dw)
S324	7/13/2000	0 - 15		SF0092	6 U	6 U	6 U	6 U	6 U	6 U
S324	7/13/2000	15 - 30		SF0093	25 U	25 U	25 U	25 U	25 U	25 U
S324	7/13/2000	30 - 100	D1	SB0001	2,300 UJ	2,300 UJ	2,300 UJ	2,300 UJ	2,300 UJ	2,300 UJ
S324	7/13/2000	30 - 100	D2	SB0068	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ	25 UR
S324	7/13/2000	100 - 200		SB0002	36 U	36 U	36 U	36 U	36 U	36 U
S325	7/14/2000	0 - 2		SF0094	5 U	5 U	5 U	5 U	5 U	5 U
S325	7/14/2000	2 - 15		SF0095	5 U	5 U	5 U	5 U	5 U	5 UR
S325	7/14/2000	15 - 30		SF0096	5 U	5 U	5 U	5 U	5 U	5 UR
S325	7/14/2000	30 - 100		SB0003	4 U	4 U	4 U	4 U	4 U	4 U
S325	7/14/2000	100 - 200		SB0004	2,200 U	2,200 U	2,200 U	2,200 U	2,200 U	2,200 U
S326	7/14/2000	0 - 15		SF0097	6 U	6 U	6 U	6 U	6 U	6 UR
S326	7/14/2000	15 - 30		SF0098	5 U	5 U	5 U	5 U	5 U	5 U
S326	7/14/2000	30 - 100		SB0005	33 U	33 U	33 U	33 U	33 U	33 U
S326	7/14/2000	100 - 200		SB0006	27 U	27 U	27 U	27 U	27 U	27 U
S327	8/5/2000	0 - 15		SF0099	11 U	11 U	11 U	11 U	11 U	11 U
S327	8/5/2000	15 - 30		SF0100	9 U	9 U	9 U	9 U	9 U	9 U
S327	8/5/2000	30 - 60		SB0007	8 U	8 U	8 U	8 U	8 U	8 U
S327	8/5/2000	60 - 140		SB0008	3 U	3 U	3 U	3 U	3 U	3 U
S327	8/5/2000	140 - 196		SF0148	4 U	4 U	4 U	4 U	4 U	4 U
S328	7/15/2000	0 - 15		SF0101	3 U	3 U	3 U	3 U	3 U	3 U
S328	7/15/2000	15 - 30		SF0102	4 U	4 U	4 U	4 U	4 U	4 U
S328	7/15/2000	30 - 100		SB0009	4 U	4 U	4 U	4 U	4 U	4 U
S328	7/15/2000	100 - 200		SB0010	4 U	4 U	4 U	4 U	4 U	4 U
S329	7/16/2000	0 - 15		SF0103	4 U	4 U	4 U	4 U	4 U	4 U
S329	7/16/2000	15 - 30		SF0104	4 U	4 U	4 U	4 U	4 U	4 U
S329	7/16/2000	30 - 100		SB0011	4 U	4 U	4 U	4 U	4 U	4 UR
S329	7/16/2000	100 - 200		SB0012	4 U	4 U	4 U	4 U	4 U	4 UR
S330	7/16/2000	0 - 15		SF0105	4 U	4 U	4 U	4 U	4 U	4 UR
S330	7/16/2000	15 - 30		SF0106	4 U	4 U	4 U	4 U	4 U	4 UR
S330	7/16/2000	30 - 100		SB0013	18 U	18 U	18 U	18 U	18 U	18 U

Table B1-8. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	1,1-Dichloroethene (µg/kg-dw)	Cis-1,2-Dichloroethene (µg/kg-dw)	Trans-1,2-Dichloroethene (µg/kg-dw)	1,2-Dichloropropane (µg/kg-dw)	Cis-1,3-Dichloropropene (µg/kg-dw)	Trans-1,3-Dichloropropene (µg/kg-dw)
S330	7/16/2000	100 - 200		SB0014	19 U	19 U	19 U	19 U	19 U	19 U
S331	7/16/2000	0 - 15		SF0107	6 U	6 U	6 U	6 U	6 U	6 U
S331	7/16/2000	15 - 30		SF0108	36 U	36 U	36 U	36 U	36 U	36 UR
S331	7/16/2000	30 - 100		SB0015	27 U	27 U	27 U	27 U	27 U	27 UR
S331	7/16/2000	100 - 200		SB0016	2,900 UJ	2,900 UJ	2,900 UJ	2,900 UJ	2,900 UJ	2,900 UJ
S332	8/11/2000	0 - 15		SF0109	2,500 U	2,500 U	2,500 U	2,500 U	2,500 U	2,500 U
S332	8/10/2000	15 - 30		SF0110	6,100 UJ	6,100 UJ	6,100 UJ	6,100 UJ	6,100 UJ	6,100 UJ
S332	8/10/2000	30 - 100		SB0017	5,800 UJ	5,800 UJ	5,800 UJ	5,800 UJ	5,800 UJ	5,800 UJ
S332	8/10/2000	100 - 200		SB0018	5,600 UJ	5,600 UJ	5,600 UJ	5,600 UJ	5,600 UJ	5,600 UJ
S333	8/2/2000	0 - 15		SF0134	2,600 UJ	2,600 UJ	2,600 UJ	2,600 UJ	2,600 UJ	2,600 UJ
S333	8/2/2000	15 - 30		SF0135	4,900 U	4,900 U	4,900 U	4,900 U	4,900 U	4,900 UR
S333	8/2/2000	30 - 100	D1	SB0041	16 UJ	16 UJ	16 UJ	16 UJ	16 UJ	16 UJ
S333	8/2/2000	30 - 100	D2	SB0066	18 U	18 U	18 U	18 U	18 U	18 U
S333	8/2/2000	100 - 193		SB0042	22 UJ	22 UJ	22 UJ	22 UJ	22 UJ	22 UJ
S334	8/2/2000	0 - 15		SF0153	2,200 U	2,200 U	2,200 U	2,200 U	2,200 U	2,200 UR
S334	8/2/2000	15 - 30		SF0154	2,200 U	2,200 U	2,200 U	2,200 U	2,200 U	2,200 UR
S334	8/2/2000	30 - 110		SB0059	2,800 U	2,800 U	2,800 U	2,800 U	2,800 U	2,800 UR
S334	8/2/2000	110 - 200		SB0060	15,000 U	15,000 U	15,000 U	15,000 U	15,000 U	15,000 UR
S335	8/2/2000	0 - 15		SF0115	4,600 UJ	4,600 UJ	4,600 UJ	4,600 UJ	4,600 UJ	4,600 UR
S335	8/2/2000	15 - 30		SF0116	20,000 U	20,000 U	20,000 U	20,000 U	20,000 U	20,000 UR
S335	8/2/2000	30 - 100		SB0023	53,000 U	53,000 U	53,000 U	53,000 U	53,000 U	53,000 U
S335	8/2/2000	100 - 190	D1	SB0024	12,000 UJ	12,000 UJ	12,000 UJ	12,000 UJ	12,000 UJ	12,000 UR
S335	8/2/2000	100 - 190	D2	SB0065	12,000 U	12,000 U	12,000 U	12,000 U	12,000 U	12,000 U
S336	8/3/2000	0 - 15		SF0117	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
S336	8/3/2000	15 - 30		SF0118	22,000 UJ	22,000 UJ	22,000 UJ	22,000 UJ	22,000 UJ	22,000 UJ
S336	8/3/2000	30 - 100		SB0025	60,000 UJ	60,000 UJ	60,000 UJ	60,000 UJ	60,000 UJ	60,000 UR
S336	8/3/2000	100 - 200		SB0026	2,700 U	2,700 U	2,700 U	2,700 U	2,700 U	2,700 U
S337	8/11/2000	0 - 15		SF0174	6,400 U	6,400 U	6,400 U	6,400 U	6,400 U	6,400 U
S337	8/3/2000	15 - 30		SF0120	22,000 U	22,000 U	22,000 U	22,000 U	22,000 U	22,000 UR
S337	8/3/2000	30 - 100		SB0027	42,000 UJ	42,000 UJ	42,000 UJ	42,000 UJ	42,000 UJ	42,000 UJ

Table B1-8. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	1,1-Dichloroethene (µg/kg-dw)	Cis-1,2-Dichloroethene (µg/kg-dw)	Trans-1,2-Dichloroethene (µg/kg-dw)	1,2-Dichloropropane (µg/kg-dw)	Cis-1,3-Dichloropropene (µg/kg-dw)	Trans-1,3-Dichloropropene (µg/kg-dw)
S337	8/3/2000	100 - 200		SB0028	13,000 UJ	13,000 UJ	13,000 UJ	13,000 UJ	13,000 UJ	13,000 UJ
S338	8/3/2000	0 - 15		SF0121	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 UR
S338	8/3/2000	15 - 30		SF0122	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U
S338	8/3/2000	30 - 130		SB0029	3,600 UJ	3,600 UJ	3,600 UJ	3,600 UJ	3,600 UJ	3,600 UJ
S338	8/3/2000	130 - 200		SB0030	3,400 UJ	3,400 UJ	3,400 UJ	3,400 UJ	3,400 UJ	3,400 UJ
S339	8/3/2000	0 - 15		SF0124	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 UR
S339	8/3/2000	15 - 30		SF0125	2,700 U	2,700 U	2,700 U	2,700 U	2,700 U	2,700 UR
S339	8/3/2000	30 - 100		SB0031	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	5,000 UR
S339	8/3/2000	100 - 168		SB0032	5,100 U	5,100 U	5,100 U	5,100 U	5,100 U	5,100 UR
S339	8/3/2000	168 - 200		SF0123_E	25 U	25 U	25 U	25 U	25 U	25 UR
S340	8/15/2000	0 - 2	D1	SF0123	17 UJ	17 UJ	17 UJ	17 UJ	17 UJ	17 UJ
S340	8/15/2000	0 - 2	D2	SF0123_R	530 UJ	530 UJ	530 UJ	530 UJ	530 UJ	530 UJ
S340	8/3/2000	0 - 15		SF0126	4,700 UJ	4,700 UJ	4,700 UJ	4,700 UJ	4,700 UJ	4,700 UJ
S340	8/3/2000	15 - 30		SF0127	5,600 UJ	5,600 UJ	5600 UJ	5,600 UJ	5,600 UJ	5,600 UJ
S340	8/3/2000	30 - 100		SB0033	14,000 UJ	14,000 UJ	14,000 UJ	14,000 UJ	14,000 UJ	14,000 UJ
S340	8/3/2000	100 - 200		SB0034	3,200 UJ	3,200 UJ	3,200 UJ	3,200 UJ	3,200 UJ	3,200 UJ
S341	8/4/2000	0 - 15		SF0128	2,600 UJ	2,600 U	2,600 U	2,600 UJ	2,600 U	2,600 UJ
S341	8/4/2000	15 - 30		SF0129	3,200 UJ	3,200 UJ	3,200 UJ	3,200 UJ	3,200 UJ	3,200 UJ
S341	8/4/2000	30 - 85		SB0063	3,000 UJ	3,000 UJ	3,000 UJ	3,000 UJ	3,000 UJ	3,000 UJ
S341	8/4/2000	85 - 160		SB0064	4,600 UJ	4,600 UJ	4,600 UJ	4,600 UJ	4,600 UJ	4,600 UJ
S341	8/4/2000	160 - 200		SF0119	9,100 UJ	9,100 UJ	9,100 UJ	9,100 UJ	9,100 UJ	9,100 UJ
S342	8/10/2000	0 - 15		SF0130_T	680 U	680 U	680 U	680 U	680 U	680 U
S342	7/27/2000	15 - 30		SF0131	29 U	29 U	29 U	29 U	29 U	29 U
S342	7/27/2000	30 - 100		SB0037	27 U	27 U	27 U	27 U	27 U	27 U
S342	7/27/2000	100 - 200		SB0038	30 UJ	30 UJ	30 UJ	30 UJ	30 UJ	30 UJ
S343	8/4/2000	0 - 15		SF0132	2,200 UJ	2,200 UJ	2,200 UJ	2,200 UJ	2,200 UJ	2,200 UJ
S343	8/4/2000	15 - 30		SF0133	2,200 UJ	2,200 UJ	2,200 UJ	2,200 UJ	2,200 UJ	2,200 UJ
S343	8/4/2000	30 - 100	D1	SB0039	5,400 UJ	5,400 UJ	5,400 UJ	5,400 UJ	5,400 UJ	5,400 UJ
S343	8/4/2000	30 - 100	D2	SF0167	5,400 UJ	5,400 UJ	5,400 UJ	5,400 UJ	5,400 UJ	5,400 UJ
S343	8/4/2000	100 - 200		SB0040	3,800 UJ	3,800 UJ	3,800 UJ	3,800 UJ	3,800 UJ	3,800 UJ

Table B1-8. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	1,1-Dichloroethene (µg/kg-dw)	Cis-1,2-Dichloroethene (µg/kg-dw)	Trans-1,2-Dichloroethene (µg/kg-dw)	1,2-Dichloropropane (µg/kg-dw)	Cis-1,3-Dichloropropene (µg/kg-dw)	Trans-1,3-Dichloropropene (µg/kg-dw)
S344	8/10/2000	0 - 15		SF0111_T	5,200 U	5,200 U	5,200 U	5,200 U	5,200 U	5,200 U
S344	7/27/2000	15 - 30		SF0112	24 U	6 J	24 U	24 U	24 U	24 U
S344	7/27/2000	30 - 100	D1	SB0019	25 U	25 U	25 U	25 U	25 U	25 U
S344	7/27/2000	30 - 100	D2	SB0070	23 U	6 J	23 U	23 U	23 U	23 U
S344	7/27/2000	100 - 200		SB0020	34 U	34 U	34 U	34 U	34 U	34 U
S345	8/4/2000	0 - 15		SF0136	7,400 UJ	7,400 UJ	7,400 UJ	7,400 UJ	7,400 UJ	7,400 UJ
S345	8/4/2000	15 - 30		SF0137	8,100 UJ	8,100 UJ	8,100 UJ	8,100 UJ	8,100 UJ	8,100 UJ
S345	8/4/2000	30 - 100		SB0043	6,900 UJ	6,900 UJ	6,900 UJ	6,900 UJ	6,900 UJ	6,900 UJ
S345	8/4/2000	100 - 200		SB0044	11,000 UJ	11,000 UJ	11,000 UJ	11,000 UJ	11,000 UJ	11,000 UJ
S346	8/4/2000	0 - 15		SF0138	4,300 UJ	4,300 UJ	4,300 UJ	4,300 UJ	4,300 UJ	4,300 UJ
S346	8/4/2000	15 - 30		SF0139	2,300 U	2,300 U	2,300 U	2,300 U	2,300 U	2,300 U
S346	8/4/2000	30 - 160		SB0045	5,400 UJ	5,400 UJ	5,400 UJ	5,400 UJ	5,400 UJ	5,400 UJ
S346	8/4/2000	160 - 200		SB0046	4,900 UJ	4,900 UJ	4,900 UJ	4,900 UJ	4,900 UJ	4,900 UJ
S347	8/4/2000	0 - 15		SF0140	2,600 UJ	2,600 UJ	2,600 UJ	2,600 UJ	2,600 UJ	2,600 UJ
S347	8/4/2000	15 - 30		SF0141	11,000 UJ	11,000 UJ	11,000 UJ	11,000 UJ	11,000 UJ	11,000 UJ
S347	8/4/2000	30 - 100		SB0047	13,000 UJ	13,000 UJ	13,000 UJ	13,000 UJ	13,000 UJ	13,000 UJ
S347	8/4/2000	100 - 200		SB0048	3,500 UJ	3,500 UJ	3,500 UJ	3,500 UJ	3,500 UJ	3,500 UJ
S348	8/5/2000	0 - 15		SF0142	3,600 UJ	3,600 UJ	3,600 UJ	3,600 UJ	3,600 UJ	3,600 UJ
S348	8/5/2000	15 - 30		SF0143	3,000 UJ	3,000 UJ	3,000 UJ	3,000 UJ	3,000 UJ	3,000 UJ
S348	8/5/2000	30 - 110		SB0049	3,600 UJ	3,600 UJ	3,600 UJ	3,600 UJ	3,600 UJ	3,600 UJ
S348	8/5/2000	110 - 200		SB0050	2,400 UJ	2,400 UJ	2,400 UJ	2,400 UJ	2,400 UJ	2,400 UJ
S349	8/5/2000	0 - 15		SF0144	2,600 UJ	2,600 UJ	2,600 UJ	2,600 UJ	2,600 UJ	2,600 UJ
S349	8/5/2000	15 - 30		SF0145	2,800 UJ	2,800 UJ	2,800 UJ	2,800 UJ	2,800 UJ	2,800 UJ
S349	8/5/2000	30 - 100		SB0051	23 UJ	23 UJ	23 UJ	23 UJ	23 UJ	23 UJ
S349	8/5/2000	100 - 200		SB0052	21 UJ	21 UJ	21 UJ	21 UJ	21 UJ	21 UJ
S350	8/5/2000	0 - 15		SF0146	3,100 U	3,100 U	3,100 U	3,100 U	3,100 U	3,100 U
S350	8/5/2000	15 - 30		SF0147	2,800 UJ	2,800 UJ	2,800 UJ	2,800 UJ	2,800 UJ	2,800 UJ
S350	8/5/2000	30 - 92		SB0053	3,300 UJ	3,300 UJ	3,300 UJ	3,300 UJ	3,300 UJ	3,300 UJ
S350	8/5/2000	92 - 200	D1	SB0054	25 U	10 J	25 U	25 U	25 U	25 U
S350	8/5/2000	92 - 200	D2	SB0067	2,400 U	2,400 U	2,400 U	2,400 U	2,400 U	2,400 U

Table B1-8. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	1,1-Dichloroethene (µg/kg-dw)	Cis-1,2-Dichloroethene (µg/kg-dw)	Trans-1,2-Dichloroethene (µg/kg-dw)	1,2-Dichloropropane (µg/kg-dw)	Cis-1,3-Dichloropropene (µg/kg-dw)	Trans-1,3-Dichloropropene (µg/kg-dw)
S351	8/15/2000	0 - 2		SF0173	6 U	1	6 U	6 U	6 U	6 U
S351	8/5/2000	0 - 15		SF0149	26 U	26 U	26 U	26 U	26 U	26 U
S351	8/5/2000	15 - 30		SF0150	15 U	15 U	15 U	15 U	15 U	15 U
S351	8/5/2000	30 - 100		SB0055	2,300 U	2,300 U	2,300 U	2,300 U	2,300 U	2,300 U
S351	8/5/2000	100 - 200		SB0056	22 U	22 U	22 U	22 U	22 U	22 U
S352	8/10/2000	0 - 15		SF0151	440 U	440 U	440 U	440 U	440 U	440 U
S352	8/10/2000	15 - 30		SF0152	910 U	910 U	910 U	910 U	910 U	910 U
S352	8/10/2000	30 - 100		SB0057	400 U	400 U	400 U	400 U	400 U	400 U
S352	8/10/2000	100 - 200		SB0058	4 U	4 U	4 U	4 U	4 U	4 U
S353	7/27/2000	0 - 15		SF0113	4 U	4 U	4 U	4 U	4 U	4 U
S353	7/27/2000	15 - 30		SF0114	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ
S353	7/27/2000	30 - 100		SB0021	4 U	4 U	4 U	4 U	4 U	4 U
S353	7/27/2000	100 - 200		SB0022	4 U	4 U	4 U	4 U	4 U	4 U
S354	8/10/2000	0 - 15		SF0155	11 U	11 U	11 U	11 U	11 U	11 U
S354	8/13/2000	15 - 30		SF0156	8 U	8 U	8 U	8 U	8 U	8 U
S354	8/13/2000	30 - 100		SB0061	4,500 U	4,500 U	4,500 U	4,500 U	4,500 U	4,500 U
S354	8/13/2000	100 - 200	D1	SB0062	690 U	690 U	690 U	690 U	690 U	690 U
S354	8/13/2000	100 - 200	D2	SB0069	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U	3,500 U
S355	8/10/2000	0 - 15		SF0157	12 U	12 U	12 U	12 U	12 U	12 U
S355	8/13/2000	15 - 30		SF0158	9 U	9 U	9 U	9 U	9 U	9 U
S355	8/13/2000	30 - 100		SB0035	38 U	38 U	38 U	38 U	38 U	38 U
S355	8/13/2000	100 - 200		SB0036	32 U	32 U	32 U	32 U	32 U	32 U
S434	8/9/2000	0 - 15		SF0170	4 U	4 U	4 U	4 U	4 U	4 U
S434	8/9/2000	15 - 30		SF0171	4 U	4 U	4 U	4 U	4 U	4 U
S434	8/9/2000	30 - 100		SB0100	12 U	12 U	12 U	12 U	12 U	12 U
S434	8/9/2000	100 - 200		SB0101	460 U	460 U	460 U	460 U	460 U	460 U
S435	8/9/2000	0 - 5		SF0172	3,200 UJ	3,200 UJ	3,200 UJ	3,200 UJ	3,200 UJ	3,200 UJ

Table B1-8. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Ethylbenzene (µg/kg-dw)	2-Hexanone (µg/kg-dw)	4-Methyl-2-pentanone (µg/kg-dw)	Methylene chloride (µg/kg-dw)	Styrene (µg/kg-dw)	1,1,2,2-Tetrachloro-ethane (µg/kg-dw)	Tetrachloro-ethene (µg/kg-dw)
S324	7/13/2000	0 - 15		SF0092	10	11 U	11 U	11 U	6 U	6 U	6 U
S324	7/13/2000	15 - 30		SF0093	27	50 U	50 U	50 U	25 U	25 U	25 U
S324	7/13/2000	30 - 100	D1	SB0001	120 J	4,500 UJ	4,500 UJ	4,500 UJ	2,300 UJ	2,300 UJ	2,300 UJ
S324	7/13/2000	30 - 100	D2	SB0068	49 J	49 UJ	49 UJ	49 UJ	25 UJ	25 UJ	25 UJ
S324	7/13/2000	100 - 200		SB0002	36 U	71 U	7,100 U	71 U	3,600 U	36 UJ	36 U
S325	7/14/2000	0 - 2		SF0094	5 U	11 U	11 U	11 U	5 U	5 U	5 U
S325	7/14/2000	2 - 15		SF0095	1 J	9 U	9 U	9 U	5 U	5 U	5 U
S325	7/14/2000	15 - 30		SF0096	5 U	9 U	9 U	9 U	5 U	5 U	5 U
S325	7/14/2000	30 - 100		SB0003	4 U	8 U	8 U	8 U	4 U	4 U	4 U
S325	7/14/2000	100 - 200		SB0004	2,200 U	4,400 U	4,400 U	350 J	2,200 U	2,200 U	2,200 U
S326	7/14/2000	0 - 15		SF0097	6 U	11 U	11 U	11 U	6 U	6 U	6 U
S326	7/14/2000	15 - 30		SF0098	5 U	10 U	10 U	10 U	5 U	5 U	5 U
S326	7/14/2000	30 - 100		SB0005	33 U	66 U	66 U	66 U	33 U	33 U	33 U
S326	7/14/2000	100 - 200		SB0006	21	54 U	54 U	54 U	27 U	27 U	27 U
S327	8/5/2000	0 - 15		SF0099	18	22 UJ	22 U	22 U	11 U	11 U	11 U
S327	8/5/2000	15 - 30		SF0100	14	17 U	17 U	17 U	9 U	9 U	9 U
S327	8/5/2000	30 - 60		SB0007	11	17 U	17 U	8 U	8 U	8 U	8 U
S327	8/5/2000	60 - 140		SB0008	0.7 J	7 U	7 U	7 U	3 U	3 U	3 U
S327	8/5/2000	140 - 196		SF0148	8	8 U	8 U	8 U	4 U	4 U	4 U
S328	7/15/2000	0 - 15		SF0101	3 U	7 U	7 U	7 U	3 U	3 UJ	3 U
S328	7/15/2000	15 - 30		SF0102	4 U	7 U	7 U	7 U	4 U	4 UJ	4 U
S328	7/15/2000	30 - 100		SB0009	4 U	7 U	7 U	7 U	4 U	4 UJ	4 U
S328	7/15/2000	100 - 200		SB0010	4 U	7 U	7 U	7 U	4 U	4 U	4 U
S329	7/16/2000	0 - 15		SF0103	4 U	8 U	8 U	8 U	4 U	4 UJ	4 U
S329	7/16/2000	15 - 30		SF0104	4 U	7 U	7 U	7 U	4 U	4 U	4 U
S329	7/16/2000	30 - 100		SB0011	4 U	8 U	8 U	8 U	4 U	4 U	4 U
S329	7/16/2000	100 - 200		SB0012	4 U	7 U	7 U	7 U	4 U	4 U	4 U
S330	7/16/2000	0 - 15		SF0105	4 U	7 U	7 U	7 U	4 U	4 U	4 U
S330	7/16/2000	15 - 30		SF0106	4 U	7 U	7 U	7 U	4 U	4 U	4 U
S330	7/16/2000	30 - 100		SB0013	10 J	36 U	36 U	36 U	18 U	18 UJ	18 U

Table B1-8. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Ethylbenzene (µg/kg-dw)	2-Hexanone (µg/kg-dw)	4-Methyl-2-pentanone (µg/kg-dw)	Methylene chloride (µg/kg-dw)	Styrene (µg/kg-dw)	1,1,2,2-Tetrachloro-ethane (µg/kg-dw)	Tetrachloro-ethene (µg/kg-dw)
S330	7/16/2000	100 - 200		SB0014	6 J	38 U	38 U	38 U	19 U	19 UJ	19 U
S331	7/16/2000	0 - 15		SF0107	6 U	12 U	12 U	12 U	6 U	6 U	6 U
S331	7/16/2000	15 - 30		SF0108	36 U	71 U	71 U	71 U	36 U	36 U	36 U
S331	7/16/2000	30 - 100		SB0015	910	54 U	54 U	54 U	71	27 U	27 U
S331	7/16/2000	100 - 200		SB0016	1,000 J	5,800 UJ	5,800 UJ	5,800 UJ	2,900 UJ	2,900 UJ	2,900 UJ
S332	8/11/2000	0 - 15		SF0109	1,600	4,900 U	4,900 U	4,900 U	2,500 U	2,500 U	2,500 U
S332	8/10/2000	15 - 30		SF0110	13,000 J	12,000 UJ	12,000 UJ	12,000 UJ	4,600 J	6,100 UJ	6,100 UJ
S332	8/10/2000	30 - 100		SB0017	13,000 J	12,000 UJ	12,000 UJ	12,000 UJ	3,900 J	5,800 UJ	5,800 UJ
S332	8/10/2000	100 - 200		SB0018	10,000 J	11,000 UJ	11,000 UJ	11,000 UJ	3,800 J	5,600 UJ	5,600 UJ
S333	8/2/2000	0 - 15		SF0134	1,200 J	5,100 UJ	5,100 UJ	5,100 UJ	2,600 UJ	2,600 UJ	2,600 UJ
S333	8/2/2000	15 - 30		SF0135	2,300 J	9,800 U	9,800 U	9,800 U	4,900 U	4900 U	4,900 U
S333	8/2/2000	30 - 100	D1	SB0041	13 J	32 UJ	32 UJ	17 J	16 URJ	16 UJ	16 UJ
S333	8/2/2000	30 - 100	D2	SB0066	18 U	36 UJ	36 UJ	8 U	18 UR	18 UJ	18 U
S333	8/2/2000	100 - 193		SB0042	22 UJ	43 UJ	43 UJ	87 UJ	22 UJ	22 UJ	22 UJ
S334	8/2/2000	0 - 15		SF0153	620 J	4,500 U	4,500 U	4,500 U	2,200 U	2,200 U	2,200 U
S334	8/2/2000	15 - 30		SF0154	1,100 J	4,500 U	4,500 U	4,500 U	110 J	2,200 U	2,200 U
S334	8/2/2000	30 - 110		SB0059	390	5,700 U	5,700 U	5,700 U	2,800 U	2,800 U	2,800 U
S334	8/2/2000	110 - 200		SB0060	10,000	30,000 U	30,000 U	30,000 U	15,000 U	15,000 U	15,000 U
S335	8/2/2000	0 - 15		SF0115	330 J	9,300 UJ	9,300 UJ	9,300 UJ	4,600 UJ	4,600 UJ	4,600 UJ
S335	8/2/2000	15 - 30		SF0116	890 J	40,000 U	40,000 U	40,000 U	20,000 U	20,000 U	20,000 U
S335	8/2/2000	30 - 100		SB0023	53,000 U	11,0000 U	110,000 U	110,000 U	53,000 U	53,000 U	53,000 U
S335	8/2/2000	100 - 190	D1	SB0024	12,000 UJ	24,000 UJ	24,000 UJ	24,000 UJ	12,000 UJ	12,000 UJ	12,000 UJ
S335	8/2/2000	100 - 190	D2	SB0065	12,000 U	24,000 U	24,000 U	24,000 U	12,000 U	12,000 U	12,000 U
S336	8/3/2000	0 - 15		SF0117	1,600 U	3,100 U	3,100 U	3,100 U	1,600 U	1,600 U	1,600 U
S336	8/3/2000	15 - 30		SF0118	22,000 UJ	45,000 UJ	45,000 UJ	45,000 UJ	22,000 UJ	22,000 UJ	22,000 UJ
S336	8/3/2000	30 - 100		SB0025	60,000 UJ	120,000 UJ	120,000 UJ	120,000 UJ	60,000 UJ	60,000 UJ	60,000 UJ
S336	8/3/2000	100 - 200		SB0026	1,600	5,400 UJ	5,400 U	5,400 U	2,700 U	2,700 U	2,700 U
S337	8/11/2000	0 - 15		SF0174	6,400 U	13,000 U	13,000 U	13,000 U	6,400 U	6,400 U	6,400 U
S337	8/3/2000	15 - 30		SF0120	22,000 U	43,000 U	43,000 U	43,000 U	22,000 U	22,000 U	22,000 U
S337	8/3/2000	30 - 100		SB0027	42,000 UJ	83,000 UJ	83,000 UJ	83,000 UJ	42,000 UJ	42,000 UJ	42,000 UJ

Table B1-8. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Ethylbenzene (µg/kg-dw)	2-Hexanone (µg/kg-dw)	4-Methyl-2-pentanone (µg/kg-dw)	Methylene chloride (µg/kg-dw)	Styrene (µg/kg-dw)	1,1,2,2-Tetrachloro-ethane (µg/kg-dw)	Tetrachloro-ethene (µg/kg-dw)
S337	8/3/2000	100 - 200		SB0028	13,000 UJ	26,000 UJ	26,000 UJ	26,000 UJ	13,000 UJ	13,000 UJ	13,000 UJ
S338	8/3/2000	0 - 15		SF0121	4,000 U	8,100 UJ	8,100 U	8,100 U	4,000 U	4,000 U	4,000 U
S338	8/3/2000	15 - 30		SF0122	3,500 U	6,900 UJ	6,900 U	6,900 U	3,500 U	3,500 U	3,500 U
S338	8/3/2000	30 - 130		SB0029	180 J	7,100 UJ	7,100 UJ	7,100 UJ	3,600 UJ	3,600 UJ	3,600 UJ
S338	8/3/2000	130 - 200		SB0030	430 J	6,800 UJ	6,800 UJ	6,800 UJ	500 J	3,400 UJ	3,400 UJ
S339	8/3/2000	0 - 15		SF0124	360	5,800 UJ	5,800 U	5,800 U	2,900 U	2,900 U	2,900 U
S339	8/3/2000	15 - 30		SF0125	600	5,400 U	5,400 U	5,400 U	2,700 U	2,700 U	2,700 U
S339	8/3/2000	30 - 100		SB0031	2,500 J	10,000 UJ	10,000 U	10,000 U	270 J	5,000 U	5000 U
S339	8/3/2000	100 - 168		SB0032	4,200 J	10,000 U	10,000 U	10,000 U	390	5,100 U	5,100 U
S339	8/3/2000	168 - 200		SF0123_E	700	49 U	49 U	25 U	550 J	25 U	25 U
S340	8/15/2000	0 - 2	D1	SF0123	17 J	33 UJ	33 UJ	29 J	18 J	17 UJ	17 UJ
S340	8/15/2000	0 - 2	D2	SF0123_R	840 J	1,100 UJ	1,100 UJ	1,100 UJ	1,600 J	530 UJ	530 UJ
S340	8/3/2000	0 - 15		SF0126	780 J	9,400 UJ	9,400 UJ	9,400 UJ	1,700 J	4,700 UJ	4,700 UJ
S340	8/3/2000	15 - 30		SF0127	1,600 J	11,000 UJ	11,000 UJ	11,000 UJ	5,300 J	5,600 UJ	5,600 UJ
S340	8/3/2000	30 - 100		SB0033	5,700 J	28,000 UJ	28,000 UJ	28,000 UJ	15,000 J	14,000 UJ	14,000 UJ
S340	8/3/2000	100 - 200		SB0034	170 J	6,400 UJ	6,400 UJ	6,400 UJ	1,700 J	3,200 UJ	3,200 UJ
S341	8/4/2000	0 - 15		SF0128	690 J	5,100 U	5,100 U	5,100 U	690 J	2,600 U	2,600 U
S341	8/4/2000	15 - 30		SF0129	230 J	6,400 UJ	6,400 UJ	3,500 J	720 J	3,200 UJ	3200 UJ
S341	8/4/2000	30 - 85		SB0063	1,600 J	6,100 UJ	6,100 UJ	3,400 J	4,100 J	3,000 UJ	3,000 UJ
S341	8/4/2000	85 - 160		SB0064	2,700 J	9,300 UJ	9,300 UJ	5,300 J	1,900 J	4,600 UJ	4,600 UJ
S341	8/4/2000	160 - 200		SF0119	16,000 J	18,000 UJ	18,000 UJ	18,000 UJ	5,900 J	9,100 UJ	9,100 UJ
S342	8/10/2000	0 - 15		SF0130_T	590	1,400 U	1,400 U	1,400 U	680 U	680 U	680 U
S342	7/27/2000	15 - 30		SF0131	2,600 J	58 U	58 U	29 U	3,900 J	29 U	29 U
S342	7/27/2000	30 - 100		SB0037	11,000 J	54 U	54 U	54 U	5,000 J	27 U	61 J
S342	7/27/2000	100 - 200		SB0038	3,900 J	61 UJ	61 UJ	30 UJ	4,900 J	30 UJ	67 J
S343	8/4/2000	0 - 15		SF0132	1,400 J	4,300 UJ	4,300 UJ	2,300 J	610 J	2,200 UJ	2,200 UJ
S343	8/4/2000	15 - 30		SF0133	580 J	4,300 UJ	4,300 UJ	2,400 J	420 J	2,200 UJ	2,200 UJ
S343	8/4/2000	30 - 100	D1	SB0039	6,600 J	11,000 UJ	11,000 UJ	6,000 J	2,900 J	5,400 UJ	5,400 UJ
S343	8/4/2000	30 - 100	D2	SF0167	2,600 J	11,000 UJ	11,000 UJ	6000 J	1,700 J	5,400 UJ	5,400 UJ
S343	8/4/2000	100 - 200		SB0040	1,200 J	7,600 UJ	7,600 UJ	4,500 J	1,100 J	3,800 UJ	3,800 UJ

Table B1-8. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Ethylbenzene (µg/kg-dw)	2-Hexanone (µg/kg-dw)	4-Methyl-2-pentanone (µg/kg-dw)	Methylene chloride (µg/kg-dw)	Styrene (µg/kg-dw)	1,1,2,2-Tetrachloro-ethane (µg/kg-dw)	Tetrachloro-ethene (µg/kg-dw)
S344	8/10/2000	0 - 15		SF0111_T	2,100	5,200 U	10,000 U	10,000 U	5,200 U	5,200 U	5,200 U
S344	7/27/2000	15 - 30		SF0112	2,900 J	48 U	48 U	24 U	5,700 J	24 U	24 UJ
S344	7/27/2000	30 - 100	D1	SB0019	1,600 J	49 U	49 U	25 U	6,000 J	25 U	25 U
S344	7/27/2000	30 - 100	D2	SB0070	1,700 J	46 U	46 U	23 U	5,100 J	23 U	23 U
S344	7/27/2000	100 - 200		SB0020	1,400	68 U	68 U	34 U	10,000 J	34 U	120
S345	8/4/2000	0 - 15		SF0136	6,100 J	15,000 UJ	15,000 UJ	8,000 J	2,200 J	7,400 UJ	7,400 UJ
S345	8/4/2000	15 - 30		SF0137	5,800 J	16,000 UJ	16,000 UJ	9,000 J	2,000 J	8,100 UJ	8,100 UJ
S345	8/4/2000	30 - 100		SB0043	8,900 J	14,000 UJ	14,000 UJ	8,000 J	1,800 J	6,900 UJ	6,900 UJ
S345	8/4/2000	100 - 200		SB0044	18,000 J	23,000 UJ	23,000 UJ	23,000 UJ	1,800 J	11,000 UJ	11,000 UJ
S346	8/4/2000	0 - 15		SF0138	2,200 J	8,600 UJ	8,600 UJ	4,900 J	800 J	4,300 UJ	4,300 UJ
S346	8/4/2000	15 - 30		SF0139	1,700 J	4,500 U	4,500 U	4,500 U	430 J	2,300 U	2,300 U
S346	8/4/2000	30 - 160		SB0045	550 J	11,000 UJ	11,000 UJ	11,000 UJ	5,400 UJ	5,400 UJ	5,400 UJ
S346	8/4/2000	160 - 200		SB0046	3,100 J	9,800 UJ	9,800 UJ	9,800 UJ	880 J	4,900 UJ	4,900 UJ
S347	8/4/2000	0 - 15		SF0140	480 J	5,200 UJ	5,200 UJ	3,000 J	340 J	2,600 UJ	2,600 UJ
S347	8/4/2000	15 - 30		SF0141	1,100 J	23,000 UJ	23,000 UJ	13,000 J	7,000 J	11,000 UJ	11,000 UJ
S347	8/4/2000	30 - 100		SB0047	1,800 J	26,000 UJ	26,000 UJ	26,000 UJ	13,000 UJ	1,3000 UJ	1,3000 UJ
S347	8/4/2000	100 - 200		SB0048	2,600 J	6,900 UJ	6,900 UJ	6,900 UJ	1,300 J	3,500 UJ	3,500 UJ
S348	8/5/2000	0 - 15		SF0142	1,200 J	7,100 UJ	7,100 UJ	7,100 UJ	490 J	3,600 UJ	3,600 UJ
S348	8/5/2000	15 - 30		SF0143	2,700 J	6,100 UJ	6,100 UJ	6,100 UJ	1,200 J	3,000 UJ	3,000 UJ
S348	8/5/2000	30 - 110		SB0049	1,400 J	7,100 UJ	7,100 UJ	7,100 UJ	560 J	3,600 UJ	3,600 UJ
S348	8/5/2000	110 - 200		SB0050	1,800 J	4,800 UJ	4,800 UJ	4,800 UJ	220 J	2,400 UJ	2,400 UJ
S349	8/5/2000	0 - 15		SF0144	630 J	5,100 UJ	5,100 UJ	5,100 UJ	1,200 J	2,600 UJ	2,600 UJ
S349	8/5/2000	15 - 30		SF0145	1,300 J	5,600 UJ	5,600 UJ	5,600 UJ	2,300 J	2,800 UJ	2,800 UJ
S349	8/5/2000	30 - 100		SB0051	120 J	46 UJ	46 UJ	46 UJ	220 J	23 UJ	23 UJ
S349	8/5/2000	100 - 200		SB0052	23 J	43 UJ	43 UJ	43 UJ	61 J	21 UJ	21 UJ
S350	8/5/2000	0 - 15		SF0146	1,100 J	6,200 U	6,200 U	6,200 U	610	3,100 U	3,100 U
S350	8/5/2000	15 - 30		SF0147	1,400 J	5,700 UJ	5,700 UJ	5,700 UJ	850 J	2,800 UJ	2,800 UJ
S350	8/5/2000	30 - 92		SB0053	1,300 J	6,600 UJ	6,600 UJ	6,600 UJ	1,000 J	3,300 UJ	3,300 UJ
S350	8/5/2000	92 - 200	D1	SB0054	950 J	50 U	50 U	25 U	170 J	25 U	25 U
S350	8/5/2000	92 - 200	D2	SB0067	680 J	4,800 U	4,800 U	4,800 U	2,400 U	2,400 U	2,400 U

Table B1-8. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Ethylbenzene (µg/kg-dw)	2-Hexanone (µg/kg-dw)	4-Methyl-2-pentanone (µg/kg-dw)	Methylene chloride (µg/kg-dw)	Styrene (µg/kg-dw)	1,1,2,2-Tetrachloro-ethane (µg/kg-dw)	Tetrachloro-ethene (µg/kg-dw)
S351	8/15/2000	0 - 2		SF0173	11 J	13 UJ	13 UJ	13 U	6 UJ	6 U	2 J
S351	8/5/2000	0 - 15		SF0149	12	52 U	52 U	52 U	26 U	26 U	26 U
S351	8/5/2000	15 - 30		SF0150	20	29 UJ	29 U	15 U	15 U	15 U	15 U
S351	8/5/2000	30 - 100		SB0055	3,800	4,600 U	4,600 U	4,600 U	2,300 U	2,300 U	2,300 U
S351	8/5/2000	100 - 200		SB0056	470	45 UJ	45 U	45 U	22 U	22 U	22 U
S352	8/10/2000	0 - 15		SF0151	700	880 U	880 U	880 U	440 U	440 U	440 U
S352	8/10/2000	15 - 30		SF0152	1,600	1,800 U	1,800 U	1,800 U	910 U	910 U	910 U
S352	8/10/2000	30 - 100		SB0057	360 J	790 U	790 U	790 U	400 U	400 U	400 U
S352	8/10/2000	100 - 200		SB0058	2 J	9 U	9 U	4 U	4 U	4 U	4 U
S353	7/27/2000	0 - 15		SF0113	3 J	8 U	8 U	10 J	4 U	4 U	4 U
S353	7/27/2000	15 - 30		SF0114	2 J	7 UJ	7 UJ	10 UJ	3 UJ	3 UJ	3 UJ
S353	7/27/2000	30 - 100		SB0021	5	8 U	8 U	4 U	4 U	4 U	4 U
S353	7/27/2000	100 - 200		SB0022	1 J	9 U	9 U	4 U	4 U	4 U	4 U
S354	8/10/2000	0 - 15		SF0155	4	23 U	23 U	23 U	11 U	11 U	11 U
S354	8/13/2000	15 - 30		SF0156	2	16 UJ	16 UJ	16 U	8 U	8 U	8 U
S354	8/13/2000	30 - 100		SB0061	4,500 U	8,900 U	8,900 U	8,900 U	4,500 U	4,500 U	4,500 U
S354	8/13/2000	100 - 200	D1	SB0062	1,600	1,400 U	1,400 U	1,400 U	1,200	690 U	690 U
S354	8/13/2000	100 - 200	D2	SB0069	2,000	6,900 U	6,900 U	6,900 U	1,100	3,500 U	3,500 U
S355	8/10/2000	0 - 15		SF0157	7	24 U	24 U	12 U	12 U	12 U	12 U
S355	8/13/2000	15 - 30		SF0158	9 U	17 U	17 U	17 U	9 U	9 U	9 U
S355	8/13/2000	30 - 100		SB0035	39	76 U	76 U	38 U	38 U	38 U	38 U
S355	8/13/2000	100 - 200		SB0036	61	63 U	63 U	32 U	32 U	32 U	32 U
S434	8/9/2000	0 - 15		SF0170	0.9 J	8 U	8 U	4 U	4 U	4 U	4 U
S434	8/9/2000	15 - 30		SF0171	3 J	9 U	9 U	4 U	4 U	4 U	4 U
S434	8/9/2000	30 - 100		SB0100	59	25 U	25 U	12 U	12 U	12 U	12 U
S434	8/9/2000	100 - 200		SB0101	460 U	930 U	930 U	930 U	460 U	460 U	460 U
S435	8/9/2000	0 - 5		SF0172	71,000 J	6,500 UJ	6,500 UJ	6,500 UJ	2,300 J	3,200 UJ	3,200 UJ

Table B1-8. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Toluene (µg/kg-dw)	1,1,1-Trichloro-ethane (µg/kg-dw)	1,1,2-Trichloro-ethane (µg/kg-dw)	Trichloro-ethene (µg/kg-dw)	Vinyl chloride (µg/kg-dw)	Xylene (Total) (µg/kg-dw)
S324	7/13/2000	0 - 15		SF0092	140	6 U	6 U	6 U	11 U	65
S324	7/13/2000	15 - 30		SF0093	300	25 U	25 U	25 U	50 U	110
S324	7/13/2000	30 - 100	D1	SB0001	4,300 J	2,300 UJ	2,300 UJ	2,300 UJ	4,500 UJ	1,400 J
S324	7/13/2000	30 - 100	D2	SB0068	3,600 J	25 UJ	25 UJ	25 UJ	49 UJ	780 J
S324	7/13/2000	100 - 200		SB0002	250	36 U	36 U	36 U	71 U	50
S325	7/14/2000	0 - 2		SF0094	5 U	5 U	5 U	5 U	11 U	5 U
S325	7/14/2000	2 - 15		SF0095	5 U	5 U	5 U	5 U	9 U	14
S325	7/14/2000	15 - 30		SF0096	5 U	5 U	5 U	5 U	9 U	12
S325	7/14/2000	30 - 100		SB0003	4 U	4 U	4 U	4 U	8 U	11
S325	7/14/2000	100 - 200		SB0004	2,200 U	2,200 U	2,200 U	2,200 U	4,400 U	290 J
S326	7/14/2000	0 - 15		SF0097	6 U	6 U	6 U	6 U	11 U	3
S326	7/14/2000	15 - 30		SF0098	5 U	5 U	5 U	5 U	10 U	5 U
S326	7/14/2000	30 - 100		SB0005	33 U	33 U	33 U	33 U	66 U	74
S326	7/14/2000	100 - 200		SB0006	11	27 U	27 U	27 U	54 U	91
S327	8/5/2000	0 - 15		SF0099	21	11 U	11 U	11 U	22 U	90
S327	8/5/2000	15 - 30		SF0100	28	9 U	9 U	9 U	17 U	69
S327	8/5/2000	30 - 60		SB0007	52	8 U	8 U	8 U	17 U	72
S327	8/5/2000	60 - 140		SB0008	9	3 U	3 U	3 U	7 U	9
S327	8/5/2000	140 - 196		SF0148	77	4 U	4 U	4 U	8 U	200
S328	7/15/2000	0 - 15		SF0101	3 U	3 U	3 U	3 U	7 U	3 U
S328	7/15/2000	15 - 30		SF0102	4 U	4 U	4 U	4 U	7 U	4 U
S328	7/15/2000	30 - 100		SB0009	4 U	4 U	4 U	4 U	7 U	4 U
S328	7/15/2000	100 - 200		SB0010	4 U	4 U	4 U	4 U	7 U	4 U
S329	7/16/2000	0 - 15		SF0103	4 U	4 U	4 U	4 U	8 U	4 U
S329	7/16/2000	15 - 30		SF0104	4 U	4 U	4 U	4 U	7 U	4 U
S329	7/16/2000	30 - 100		SB0011	4 U	4 U	4 U	4 U	8 U	4 U
S329	7/16/2000	100 - 200		SB0012	4 U	4 U	4 U	4 U	7 U	4 U
S330	7/16/2000	0 - 15		SF0105	4 U	4 U	4 U	4 U	7 U	4 U
S330	7/16/2000	15 - 30		SF0106	4 U	4 U	4 U	4 U	7 U	4 U
S330	7/16/2000	30 - 100		SB0013	18 U	18 U	18 U	18 U	36 U	18 U

Table B1-8. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Toluene (µg/kg-dw)	1,1,1-Trichloro-ethane (µg/kg-dw)	1,1,2-Trichloro-ethane (µg/kg-dw)	Trichloro-ethene (µg/kg-dw)	Vinyl chloride (µg/kg-dw)	Xylene (Total) (µg/kg-dw)
S330	7/16/2000	100 - 200		SB0014	19 U	19 U	19 U	19 U	38 U	10 J
S331	7/16/2000	0 - 15		SF0107	6 U	6 U	6 U	6 U	12 U	10
S331	7/16/2000	15 - 30		SF0108	36 U	36 U	36 U	36 U	71 U	71
S331	7/16/2000	30 - 100		SB0015	480	27 U	27 U	27 U	54 U	7000
S331	7/16/2000	100 - 200		SB0016	1,700 J	2,900 UJ	2,900 UJ	2,900 UJ	5,800 UJ	13,000 J
S332	8/11/2000	0 - 15		SF0109	2,500 U	2,500 U	2,500 U	2,500 U	4,900 U	170
S332	8/10/2000	15 - 30		SF0110	37,000 J	6,100 UJ	6,100 UJ	6,100 UJ	12,000 UJ	270,000 J
S332	8/10/2000	30 - 100		SB0017	47,000 J	5,800 UJ	5,800 UJ	5,800 UJ	12,000 UJ	240,000 J
S332	8/10/2000	100 - 200		SB0018	24,000 J	5,600 UJ	5,600 UJ	5,600 UJ	11,000 UJ	220,000 J
S333	8/2/2000	0 - 15		SF0134	550 J	2,600 UJ	2,600 UJ	2,600 UJ	5,100 UJ	3,500 J
S333	8/2/2000	15 - 30		SF0135	670 J	4,900 U	4,900 U	4,900 U	9,800 U	6,600
S333	8/2/2000	30 - 100	D1	SB0041	16 UJ	16 UJ	16 UJ	16 UJ	32 UJ	17 J
S333	8/2/2000	30 - 100	D2	SB0066	18 U	18 U	18 U	18 U	36 U	18 U
S333	8/2/2000	100 - 193		SB0042	22 UJ	22 UJ	22 UJ	22 UJ	43 UJ	22 UJ
S334	8/2/2000	0 - 15		SF0153	680 J	2,200 U	2,200 U	2,200 U	4,500 U	6,200
S334	8/2/2000	15 - 30		SF0154	1,900 J	2,200 U	2,200 U	2,200 U	4,500 U	16,000
S334	8/2/2000	30 - 110		SB0059	1,000	2,800 U	2,800 U	2,800 U	5,700 U	9,400
S334	8/2/2000	110 - 200		SB0060	78,000	15,000 U	15,000 U	15,000 U	30,000 U	220,000
S335	8/2/2000	0 - 15		SF0115	4,600 UJ	4,600 UJ	4,600 UJ	4,600 UJ	9,300 UJ	570 J
S335	8/2/2000	15 - 30		SF0116	2,300 J	20,000 U	20,000 U	20,000 U	40,000 U	8,300 J
S335	8/2/2000	30 - 100		SB0023	53,000 U	53,000 U	53,000 U	53,000 U	110,000 U	53,000 U
S335	8/2/2000	100 - 190	D1	SB0024	1,100 J	12,000 UJ	12,000 UJ	12,000 UJ	24,000 UJ	12,000 UJ
S335	8/2/2000	100 - 190	D2	SB0065	1,000 J	12,000 U	12,000 U	12,000 U	24,000 U	12,000 U
S336	8/3/2000	0 - 15		SF0117	1,600 U	1,600 U	1,600 U	1,600 U	3,100 U	1,600 U
S336	8/3/2000	15 - 30		SF0118	22,000 UJ	22,000 UJ	22,000 UJ	22,000 UJ	45,000 UJ	22,000 UJ
S336	8/3/2000	30 - 100		SB0025	60,000 UJ	60,000 UJ	60,000 UJ	60,000 UJ	120,000 UJ	60,000 UJ
S336	8/3/2000	100 - 200		SB0026	700	2,700 U	2,700 U	2,700 U	5,400 U	3,900
S337	8/11/2000	0 - 15		SF0174	6,400 U	6,400 U	6,400 U	6,400 U	13,000 U	6,400 U
S337	8/3/2000	15 - 30		SF0120	22,000 U	22,000 U	22,000 U	22,000 U	43,000 U	22,000 U
S337	8/3/2000	30 - 100		SB0027	42,000 UJ	42,000 UJ	42,000 UJ	42,000 UJ	83,000 UJ	22,000 J

Table B1-8. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Toluene (µg/kg-dw)	1,1,1-Trichloro-ethane (µg/kg-dw)	1,1,2-Trichloro-ethane (µg/kg-dw)	Trichloro-ethene (µg/kg-dw)	Vinyl chloride (µg/kg-dw)	Xylene (Total) (µg/kg-dw)
S337	8/3/2000	100 - 200		SB0028	13,000 UJ	13,000 UJ	13,000 UJ	13,000 UJ	26,000 UJ	13,000 UJ
S338	8/3/2000	0 - 15		SF0121	4,000 U	4,000 U	4,000 U	4,000 U	8,100 U	4,000 U
S338	8/3/2000	15 - 30		SF0122	3,500 U	3,500 U	3,500 U	3,500 U	6,900 U	920
S338	8/3/2000	30 - 130		SB0029	200 J	3,600 UJ	3,600 UJ	3,600 UJ	7,100 UJ	3,400 J
S338	8/3/2000	130 - 200		SB0030	1,000 J	3,400 UJ	3,400 UJ	3,400 UJ	6,800 UJ	4,100 J
S339	8/3/2000	0 - 15		SF0124	2,900 U	2,900 U	2,900 U	2,900 U	5,800 U	1,800
S339	8/3/2000	15 - 30		SF0125	770	2,700 U	2,700 U	2,700 U	5,400 U	4,000
S339	8/3/2000	30 - 100		SB0031	6,200	5,000 U	5,000 U	5,000 U	10,000 U	42,000
S339	8/3/2000	100 - 168		SB0032	7,100	5,100 U	5,100 U	5,100 U	10,000 U	61,000
S339	8/3/2000	168 - 200		SF0123_E	440	25 U	25 U	25 U	49 U	4,400
S340	8/15/2000	0 - 2	D1	SF0123	23 J	17 UJ	17 UJ	17 UJ	33 UJ	200 J
S340	8/15/2000	0 - 2	D2	SF0123_R	1,500 J	530 UJ	530 UJ	530 UJ	1,100 UJ	22,000 J
S340	8/3/2000	0 - 15		SF0126	1,100 J	4,700 UJ	4,700 UJ	4,700 UJ	9,400 UJ	23,000 J
S340	8/3/2000	15 - 30		SF0127	2,500 J	5,600 UJ	5,600 UJ	5,600 UJ	11,000 UJ	54,000 J
S340	8/3/2000	30 - 100		SB0033	7,200 J	14,000 UJ	14,000 UJ	14,000 UJ	28,000 UJ	140,000 J
S340	8/3/2000	100 - 200		SB0034	590 J	3,200 UJ	3,200 UJ	3,200 UJ	6,400 UJ	2,400 J
S341	8/4/2000	0 - 15		SF0128	4,000	2,600 UJ	2,600 U	2,600 U	5,100 U	13,000
S341	8/4/2000	15 - 30		SF0129	4,000 J	3,200 UJ	3,200 UJ	3,200 UJ	6,400 UJ	6,100 J
S341	8/4/2000	30 - 85		SB0063	13,000 J	3,000 UJ	3,000 UJ	3,000 UJ	6,100 UJ	46,000 J
S341	8/4/2000	85 - 160		SB0064	33,000 J	4,600 UJ	4,600 UJ	4,600 UJ	9,300 UJ	62,000 J
S341	8/4/2000	160 - 200		SF0119	23,0000 J	9,100 UJ	9,100 UJ	9,100 UJ	18,000 UJ	430,000 J
S342	8/10/2000	0 - 15		SF0130_T	460	680 U	680 U	680 U	1,400 U	9,900
S342	7/27/2000	15 - 30		SF0131	6,100 J	29 U	29 U	29 U	58 U	65,000 J
S342	7/27/2000	30 - 100		SB0037	38,000 J	27 U	27 U	27 U	54 U	220,000 J
S342	7/27/2000	100 - 200		SB0038	30,000 J	30 UJ	30 UJ	30 UJ	61 UJ	99,000 J
S343	8/4/2000	0 - 15		SF0132	2,200 J	2,200 UJ	2,200 UJ	2,200 UJ	4,300 UJ	34,000 J
S343	8/4/2000	15 - 30		SF0133	930 J	2,200 UJ	2,200 UJ	2,200 UJ	4,300 UJ	14,000 J
S343	8/4/2000	30 - 100	D1	SB0039	15,000 J	5,400 UJ	5,400 UJ	5,400 UJ	11,000 UJ	160,000 J
S343	8/4/2000	30 - 100	D2	SF0167	6,900 J	5,400 UJ	5,400 UJ	5,400 UJ	11,000 UJ	68,000 J
S343	8/4/2000	100 - 200		SB0040	2,000 J	3,800 UJ	3,800 UJ	3,800 UJ	7,600 UJ	29,000 J

Table B1-8. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Toluene (µg/kg-dw)	1,1,1-Trichloro-ethane (µg/kg-dw)	1,1,2-Trichloro-ethane (µg/kg-dw)	Trichloro-ethene (µg/kg-dw)	Vinyl chloride (µg/kg-dw)	Xylene (Total) (µg/kg-dw)
S344	8/10/2000	0 - 15		SF0111_T	5,200 U	5,200 U	5,200 U	5,200 U	10,000 U	7,800
S344	7/27/2000	15 - 30		SF0112	3,400 J	24 U	24 U	24 U	48 U	30,000
S344	7/27/2000	30 - 100	D1	SB0019	3,400	25 U	25 U	25 U	49 U	30,000
S344	7/27/2000	30 - 100	D2	SB0070	3,300 J	23 U	23 U	23 U	46 U	27,000
S344	7/27/2000	100 - 200		SB0020	3,200	34 U	34 U	34 U	68 U	33,000
S345	8/4/2000	0 - 15		SF0136	8,300 J	7,400 UJ	7,400 UJ	7,400 UJ	15,000 UJ	150,000 J
S345	8/4/2000	15 - 30		SF0137	11,000 J	8,100 UJ	8,100 UJ	8,100 UJ	16,000 UJ	140,000 J
S345	8/4/2000	30 - 100		SB0043	37,000 J	6,900 UJ	6,900 UJ	6,900 UJ	14,000 UJ	210,000 J
S345	8/4/2000	100 - 200		SB0044	27,000 J	11,000 UJ	11,000 UJ	11,000 UJ	23,000 UJ	400,000 J
S346	8/4/2000	0 - 15		SF0138	2,400 J	4,300 UJ	4,300 UJ	4,300 UJ	8,600 UJ	53,000 J
S346	8/4/2000	15 - 30		SF0139	2,300	2,300 U	2300 U	2,300 U	4,500 U	42,000
S346	8/4/2000	30 - 160		SB0045	2,000 J	5,400 UJ	5,400 UJ	5,400 UJ	11,000 UJ	13,000 J
S346	8/4/2000	160 - 200		SB0046	19,000 J	4,900 UJ	4,900 UJ	4,900 UJ	9,800 UJ	86,000 J
S347	8/4/2000	0 - 15		SF0140	950 J	2,600 UJ	2,600 UJ	2,600 UJ	5,200 UJ	9,800 J
S347	8/4/2000	15 - 30		SF0141	3,800 J	11,000 UJ	11,000 UJ	11,000 UJ	23,000 UJ	23,000 J
S347	8/4/2000	30 - 100		SB0047	6,900 J	13,000 UJ	1,3000 UJ	1,3000 UJ	26,000 UJ	41,000 J
S347	8/4/2000	100 - 200		SB0048	7,800 J	3,500 UJ	3,500 UJ	3,500 UJ	6,900 UJ	78,000 J
S348	8/5/2000	0 - 15		SF0142	710 J	3,600 UJ	3,600 UJ	3,600 UJ	7,100 UJ	16,000 J
S348	8/5/2000	15 - 30		SF0143	2,100 J	3,000 UJ	3000 UJ	3,000 UJ	6,100 UJ	35,000 J
S348	8/5/2000	30 - 110		SB0049	1,300 J	3,600 UJ	3,600 UJ	3,600 UJ	7,100 UJ	18,000 J
S348	8/5/2000	110 - 200		SB0050	2,900 J	2,400 UJ	2,400 UJ	2,400 UJ	4,800 UJ	25,000 J
S349	8/5/2000	0 - 15		SF0144	4,100 J	2,600 UJ	2,600 UJ	2,600 UJ	5,100 UJ	9,500 J
S349	8/5/2000	15 - 30		SF0145	11,000 J	2,800 UJ	2,800 UJ	2,800 UJ	5,600 UJ	21,000 J
S349	8/5/2000	30 - 100		SB0051	1,200 J	23 UJ	23 UJ	23 UJ	46 UJ	1,700 J
S349	8/5/2000	100 - 200		SB0052	380 J	21 UJ	21 UJ	21 UJ	43 UJ	330 J
S350	8/5/2000	0 - 15		SF0146	380	3,100 U	3,100 U	3,100 U	6,200 U	14,000
S350	8/5/2000	15 - 30		SF0147	550 J	2,800 UJ	2,800 UJ	2,800 UJ	5,700 UJ	20,000 J
S350	8/5/2000	30 - 92		SB0053	690 J	3,300 UJ	3,300 UJ	3,300 UJ	6,600 UJ	18,000 J
S350	8/5/2000	92 - 200	D1	SB0054	490 J	25 U	25 U	25 U	50 U	6,100
S350	8/5/2000	92 - 200	D2	SB0067	370 J	2,400 U	2,400 U	2,400 U	4,800 U	4,000

Table B1-8. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Toluene (µg/kg-dw)	1,1,1-Trichloro-ethane (µg/kg-dw)	1,1,2-Trichloro-ethane (µg/kg-dw)	Trichloro-ethene (µg/kg-dw)	Vinyl chloride (µg/kg-dw)	Xylene (Total) (µg/kg-dw)
S351	8/15/2000	0 - 2		SF0173	6 U	6 U	6 U	4	13 U	46 J
S351	8/5/2000	0 - 15		SF0149	47	26 U	26 U	26 U	52 U	170
S351	8/5/2000	15 - 30		SF0150	400	15 U	15 U	15 U	29 U	440
S351	8/5/2000	30 - 100		SB0055	1,500 J	2,300 U	2,300 U	2,300 U	4,600 U	14,000
S351	8/5/2000	100 - 200		SB0056	150	22 U	22 U	22 U	45 U	1,700
S352	8/10/2000	0 - 15		SF0151	160 J	440 U	440 U	440 U	880 U	1,600
S352	8/10/2000	15 - 30		SF0152	980	910 U	910 U	910 U	1,800 U	8,000
S352	8/10/2000	30 - 100		SB0057	220 J	400 U	400 U	400 U	790 U	1,600
S352	8/10/2000	100 - 200		SB0058	4 U	4 U	4 U	4 U	9 U	9
S353	7/27/2000	0 - 15		SF0113	8 U	4 U	4 U	4 U	8 U	14
S353	7/27/2000	15 - 30		SF0114	3 UJ	3 UJ	3 UJ	3 UJ	7 UJ	16 J
S353	7/27/2000	30 - 100		SB0021	1 J	4 U	4 U	4 U	8 U	9
S353	7/27/2000	100 - 200		SB0022	4 U	4 U	4 U	4 U	9 U	3 J
S354	8/10/2000	0 - 15		SF0155	47	11 U	11 U	11 U	23 U	6
S354	8/13/2000	15 - 30		SF0156	8 U	8 U	8 U	8 U	16 U	46
S354	8/13/2000	30 - 100		SB0061	4,500 U	4,500 U	4,500 U	4,500 U	8,900 U	2,400
S354	8/13/2000	100 - 200	D1	SB0062	1,600	690 U	690 U	690 U	1,400 U	31,000
S354	8/13/2000	100 - 200	D2	SB0069	1,600	3,500 U	3,500 U	3,500 U	6,900 U	31,000
S355	8/10/2000	0 - 15		SF0157	90	12 U	12 U	12 U	24 U	6
S355	8/13/2000	15 - 30		SF0158	9 U	9 U	9 U	9 U	17 U	27
S355	8/13/2000	30 - 100		SB0035	38 U	38 U	38 U	38 U	76 U	860
S355	8/13/2000	100 - 200		SB0036	32 U	32 U	32 U	32 U	63 U	400
S434	8/9/2000	0 - 15		SF0170	4 U	4 U	4 U	4 U	8 U	4 U
S434	8/9/2000	15 - 30		SF0171	4 U	4 U	4 U	4 U	9 U	4 U
S434	8/9/2000	30 - 100		SB0100	12 U	12 U	12 U	12 U	25 U	3 J
S434	8/9/2000	100 - 200		SB0101	460 U	460 U	460 U	460 U	930 U	460 U
S435	8/9/2000	0 - 5		SF0172	6,900 J	3,200 UJ	3,200 UJ	3,200 UJ	6,500 UJ	330,000 J

Table B1-9. TCL SVOCs in 2-m Cores

Station	Date	Depth (cm)	Duplicate	Sample Number	Acenaphthene (µg/kg-dw)	Acenaphthylene (µg/kg-dw)	Anthracene (µg/kg-dw)	Benzo(a) anthracene (µg/kg-dw)	Benzo(a) pyrene (µg/kg-dw)	Benzo(b) fluoranthene (µg/kg-dw)	Benzo(g,h,i) perylene (µg/kg-dw)	Benzo(k) fluoranthene (µg/kg-dw)
S324	7/13/2000	0 - 15		SF0092	77 U	77 U	77 U	40 J	48 J	40 J	77 U	40 J
S324	7/13/2000	15 - 30		SF0093	67 U	67 U	67 U	55 J	63 J	56 J	44 J	49 J
S324	7/13/2000	30 - 100	D1	SB0001	66 U	66 U	73	79	67	48 J	66 U	53 J
S324	7/13/2000	30 - 100	D2	SB0068	65 U	45 J	66	100	100	87	74	98
S324	7/13/2000	100 - 200		SB0002	94 UJ	94 UJ	94 UJ	94 UJ	94 UJ	94 UJ	94 UJ	94 UJ
S325	7/14/2000	0 - 2		SF0094	72 U	72 U	54 J	130	150	150	130	140
S325	7/14/2000	2 - 15		SF0095	72 UJ	72 UJ	72 UJ	68 J	81 J	77 J	66 J	62 J
S325	7/14/2000	15 - 30		SF0096	71 U	59 J	140	330	380	340	310	310
S325	7/14/2000	30 - 100		SB0003	9,500	1,700	8,400	4,600	3,300	1,800	1,300	2,100
S325	7/14/2000	100 - 200		SB0004	99	150	240	450	450	400	320	350
S326	7/14/2000	0 - 15		SF0097	78 U	78 U	60 J	180	200	190	93	180
S326	7/14/2000	15 - 30		SF0098	76 U	76 U	74 J	160	190	170	150	150
S326	7/14/2000	30 - 100		SB0005	84 U	100	130	260	280	250	100	260
S326	7/14/2000	100 - 200		SB0006	150	220	350	600	530	440	350	470
S327	8/5/2000	0 - 15		SF0099	890 U	890 U	890 U	890 U	890 U	890 U	890 U	890 U
S327	8/5/2000	15 - 30		SF0100	930 U	930 U	930 U	930 U	930 U	930 U	930 U	930 U
S327	8/5/2000	30 - 60		SB0007	940 U	940 U	940 U	940 U	940 U	940 U	940 U	940 U
S327	8/5/2000	60 - 140		SB0008	440 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U
S327	8/5/2000	140 - 196		SF0148	600 U	600 U	,800	1,100	840	610	600 U	670
S328	7/15/2000	0 - 15		SF0101	51 UJ	51 UJ	51 UJ	58 J	48 J	41 J	51 UJ	52 J
S328	7/15/2000	15 - 30		SF0102	58 U	58 U	58 U	58 U	58 U	58 U	58 U	58 U
S328	7/15/2000	30 - 100		SB0009	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ
S328	7/15/2000	100 - 200		SB0010	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ
S329	7/16/2000	0 - 15		SF0103	61 UJ	61 UJ	61 UJ	61 UJ	61 UJ	61 UJ	61 UJ	61 UJ
S329	7/16/2000	15 - 30		SF0104	58 UJ	58 UJ	58 UJ	58 UJ	58 UJ	58 UJ	58 UJ	58 UJ
S329	7/16/2000	30 - 100		SB0011	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ
S329	7/16/2000	100 - 200		SB0012	56 UJ	56 UJ	56 UJ	56 UJ	56 UJ	56 UJ	56 UJ	56 UJ
S330	7/16/2000	0 - 15		SF0105	55 UJ	55 U	55 U	55 U	55 U	55 U	55 U	55 U
S330	7/16/2000	15 - 30		SF0106	56 U	56 U	56 U	56 U	56 U	56 U	56 U	56 U
S330	7/16/2000	30 - 100		SB0013	56 U	56 U	56 U	56 U	56 U	56 U	56 U	56 U
S330	7/16/2000	100 - 200		SB0014	56 U	56 U	56 U	56 U	56 U	56 U	56 U	56 U

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Acenaphthene (µg/kg-dw)	Acenaphthylene (µg/kg-dw)	Anthracene (µg/kg-dw)	Benzo(a) anthracene (µg/kg-dw)	Benzo(a) pyrene (µg/kg-dw)	Benzo(b) fluoranthene (µg/kg-dw)	Benzo(g,h,i) perylene (µg/kg-dw)	Benzo(k) fluoranthene (µg/kg-dw)
S331	7/16/2000	0 - 15		SF0107	89 UJ	89 UJ	89 UJ	110 J	130 J	120 J	97 J	110 J
S331	7/16/2000	15 - 30		SF0108	110 U	100 J	190	380	360	380 J	300	370
S331	7/16/2000	30 - 100		SB0015	410 J	470	530	720	530	520 J	350 J	500
S331	7/16/2000	100 - 200		SB0016	2,900	1,800 J	5,000	4,100	2,400	2,200 J	1,200 J	2,400
S332	8/11/2000	0 - 15		SF0109	1,000	1,800	620 U	,700	620 U	620 U	620 U	620 U
S332	8/10/2000	15 - 30		SF0110	4,000	6,100	11,000	10,000	7,200	6,100	3,900	6,700
S332	8/10/2000	30 - 100		SB0017	5,000	5,600	12,000	7,400	5,100	4,700	2,900	4,500
S332	8/10/2000	100 - 200		SB0018	4,200	6,000	12,000	8,700	5,600	5,100	3,100	5,200
S333	8/2/2000	0 - 15		SF0134	7,500 J	4,100	16,000	7,200	3,800	3,300	2,500 U	4,400
S333	8/2/2000	15 - 30		SF0135	3,200 UJ	3,200 U	18,000	14,000	7,900	6,900	4,100	8,600
S333	8/2/2000	30 - 100	D1	SB0041	53 UJ	53 UJ	68 J	99 J	72 J	62 J	53 UJ	70 J
S333	8/2/2000	30 - 100	D2	SB0066	53 UJ	53 U	53 U	94	78	65	53 U	70
S333	8/2/2000	100 - 193		SB0042	57 UJ	57 U	57 U	57 U	57 U	57 U	57 U	57 U
S334	8/2/2000	0 - 15		SF0153	1,000 J	1,500	4,000	6,000	4,400	4,000	2,600	4,200
S334	8/2/2000	15 - 30		SF0154	1,500 J	1,400	4,800	5,600	4,600	4,400	2,800	4,300
S334	8/2/2000	30 - 110		SB0059	5,900 J	5,800	21,000	25,000	16,000	16,000	8,400	16,000
S334	8/2/2000	110 - 200		SB0060	4,,700 J	5,700	12,000	7,400	4,300	2,800	2,200	3,600
S335	8/2/2000	0 - 15		SF0115	450 J	770	1,800	2,000	1,500	1,500	980	1,600
S335	8/2/2000	15 - 30		SF0116	1,100 UJ	1,700	4,500	4,200	3,200	3,200	2,000	3,200
S335	8/2/2000	30 - 100		SB0023	260 UJ	260 U	,700	950	710	660	500	,700
S335	8/2/2000	100 - 190	D1	SB0024	63 UJ	63 U	63 U	63 U	63 U	63 U	63 U	63 U
S335	8/2/2000	100 - 190	D2	SB0065	62 UJ	62 UJ	62 UJ	62 UJ	62 UJ	62 UJ	62 UJ	62 UJ
S336	8/3/2000	0 - 15		SF0117	33 U	33 U	140	370	360	330	290	310
S336	8/3/2000	15 - 30		SF0118	33 U	33 U	760	1,100	940	760	,800	970
S336	8/3/2000	30 - 100		SB0025	33 U	33 U	1,400	1,500	1,200	1,100	33 U	1,100
S336	8/3/2000	100 - 200		SB0026	740	840	2,700	2,700	1,900	1,900	1,300	2,000
S337	8/11/2000	0 - 15		SF0174	81 U	120	220	300	330	280	81 U	260
S337	8/3/2000	15 - 30		SF0120	130	130	280	430	430	420	340	400
S337	8/3/2000	30 - 100		SB0027	270	310	1,600	970	730	720	470	810
S337	8/3/2000	100 - 200		SB0028	170	33 U	510	1,200	1,000	790	680	840
S338	8/3/2000	0 - 15		SF0121	220	200	650	600	550	510	390	410

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Acenaphthene (µg/kg-dw)	Acenaphthylene (µg/kg-dw)	Anthracene (µg/kg-dw)	Benzo(a) anthracene (µg/kg-dw)	Benzo(a) pyrene (µg/kg-dw)	Benzo(b) fluoranthene (µg/kg-dw)	Benzo(g,h,i) perylene (µg/kg-dw)	Benzo(k) fluoranthene (µg/kg-dw)
S338	8/3/2000	15 - 30		SF0122	330	360	1,700	1,100	920	940	770	1,000
S338	8/3/2000	30 - 130		SB0029	33 U	33 U	33 U	110	33 U	33 U	33 U	33 U
S338	8/3/2000	130 - 200		SB0030	630	2,900	3,400	3,000	2,700	950	1,500	1,100
S339	8/3/2000	0 - 15		SF0124	490	470	1,600	2,300	1,900	1,800	1,300	1,700
S339	8/3/2000	15 - 30		SF0125	1,200	1,100	4,000	4,300	2,900	2,700	1,700	2,600
S339	8/3/2000	30 - 100		SB0031	1,,700	1,900	7,600	5,000	2,700	2,300	1,200	2,600
S339	8/3/2000	100 - 168		SB0032	6,500	850	8,600	6,800	3,000	3,300	1,400	2,800
S339	8/3/2000	168 - 200		SF0123_E	870	1,800	2,100	2,600	2,400	1,200	1,500	1,300
S340	8/15/2000	0 - 2	D1	SF0123	300 J	100 J	120 J	74 J	110 J	100 J	81 J	100 J
S340	8/15/2000	0 - 2	D2	SF0123_R	660 UJ	660 UJ	660 UJ	660 UJ	660 UJ	660 UJ	660 UJ	660 UJ
S340	8/3/2000	0 - 15		SF0126	410	390	830	950	620	630	370	560
S340	8/3/2000	15 - 30		SF0127	33 U	650	300	140	79	76	33 U	33 U
S340	8/3/2000	30 - 100		SB0033	2,600	2,000	2,500	2,000	33 U	33 U	33 U	33 U
S340	8/3/2000	100 - 200		SB0034	4,600	3,100	4,800	3,800	2,700	2,500	1,400	2,300
S341	8/4/2000	0 - 15		SF0128	170	240	520	510	340	330	220	320
S341	8/4/2000	15 - 30		SF0129	86 UJ	86 UJ	120 J	130 J	86 UJ	90 J	86 UJ	86 UJ
S341	8/4/2000	30 - 85		SB0063	1,300 U	1,400	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U
S341	8/4/2000	85 - 160		SB0064	5,300	610 U	6,000	4,200	2,300	2,300	1,200	2,100
S341	8/4/2000	160 - 200		SF0119	3,,700 U	3,700 U	5,600	3,700 U	3,700 U	3,700 U	3,700 U	3,700 U
S342	8/10/2000	0 - 15		SF0130_T	580 U	880	580 U	580 U	580 U	580 U	580 U	580 U
S342	7/27/2000	15 - 30		SF0131	74 U	740	74 U	200	74 U	74 U	74 U	74 U
S342	7/27/2000	30 - 100		SB0037	73 UJ	860 J	990 J	360 J	280 J	310 J	73 UJ	210 J
S342	7/27/2000	100 - 200		SB0038	390 U	1,800	390 U	560	390 U	390 U	390 U	390 U
S343	8/4/2000	0 - 15		SF0132	1,100 U	1,100 U	2,200	1,100 U	1,100 U	1,100 U	1,100 U	1,100 U
S343	8/4/2000	15 - 30		SF0133	270	790	520	350	240	230	160	230
S343	8/4/2000	30 - 100	D1	SB0039	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U
S343	8/4/2000	30 - 100	D2	SF0167	75 U	570	350	150	95	92	76	90
S343	8/4/2000	100 - 200		SB0040	280 U	280 U	310	500	330	350	280 U	360
S344	8/10/2000	0 - 15		SF0111_T	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U
S344	7/27/2000	15 - 30		SF0112	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U
S344	7/27/2000	30 - 100	D1	SB0019	120 J	620 J	70 UJ	130 J	70 UJ	70 UJ	70 UJ	70 UJ

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Acenaphthene (µg/kg-dw)	Acenaphthylene (µg/kg-dw)	Anthracene (µg/kg-dw)	Benzo(a) anthracene (µg/kg-dw)	Benzo(a) pyrene (µg/kg-dw)	Benzo(b) fluoranthene (µg/kg-dw)	Benzo(g,h,i) perylene (µg/kg-dw)	Benzo(k) fluoranthene (µg/kg-dw)
S344	7/27/2000	30 - 100	D2	SB0070	66 UJ	370 J	370 J	66 UJ	66 UJ	66 UJ	66 UJ	66 UJ
S344	7/27/2000	100 - 200		SB0020	93 UJ	1,000 J	1,200 J	470 J	300 J	310 J	93 UJ	340 J
S345	8/4/2000	0 - 15		SF0136	790 U	870	790 U	790 U	790 U	790 U	790 U	790 U
S345	8/4/2000	15 - 30		SF0137	110 U	1,300	1,100	110 U	110 U	110 U	110 U	110 U
S345	8/4/2000	30 - 100		SB0043	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U
S345	8/4/2000	100 - 200		SB0044	730 U	,800	730 U	730 U	730 U	730 U	730 U	730 U
S346	8/4/2000	0 - 15		SF0138	270 U	270 U	380 J	270 U	270 U	270 U	270 U	270 U
S346	8/4/2000	15 - 30		SF0139	360 U	360 U	870	360 U	360 U	360 U	360 U	360 U
S346	8/4/2000	30 - 160		SB0045	690 U	690 U	1,400 J	690 U	690 U	690 U	690 U	690 U
S346	8/4/2000	160 - 200		SB0046	9,000	3,000 U	22,000	10,000	5,400	5,100	3,000 U	5,600
S347	8/4/2000	0 - 15		SF0140	540 U	540 U	540 U	540 U	540 U	540 U	540 U	540 U
S347	8/4/2000	15 - 30		SF0141	460 U	460 U	460 U	460 U	460 U	460 U	460 U	460 U
S347	8/4/2000	30 - 100		SB0047	85 UJ	220 J	85 UJ	85 UJ	85 UJ	85 UJ	85 UJ	85 UJ
S347	8/4/2000	100 - 200		SB0048	86 UJ	86 UJ	86 UJ	86 UJ	86 UJ	86 UJ	86 UJ	86 UJ
S348	8/5/2000	0 - 15		SF0142	980 U	980 U	980 U	980 U	980 U	980 U	980 U	980 U
S348	8/5/2000	15 - 30		SF0143	2,500 U	2,500 U	2,500 U	2,500 U	2,500 U	2,500 U	2,500 U	2,500 U
S348	8/5/2000	30 - 110		SB0049	1,000 U	1,200	1,400	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U
S348	8/5/2000	110 - 200		SB0050	630 U	630 U	2,200	1,200	850	720	630 U	650
S349	8/5/2000	0 - 15		SF0144	340 U	480	850	430	340 U	340 U	340 U	340 U
S349	8/5/2000	15 - 30		SF0145	2,300 U	2,300 U	2,300	2,300 U	2,300 U	2,300 U	2,300 U	2,300 U
S349	8/5/2000	30 - 100		SB0051	790 U	790 U	790 U	790 U	790 U	790 U	790 U	790 U
S349	8/5/2000	100 - 200		SB0052	84 U	84 U	100	94	84 U	84 U	84 U	84 U
S350	8/5/2000	0 - 15		SF0146	230	500	710	350	200	200	88 U	220
S350	8/5/2000	15 - 30		SF0147	78 U	500	760	290	94	120	78 U	110
S350	8/5/2000	30 - 92		SB0053	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U
S350	8/5/2000	92 - 200	D1	SB0054	2,300	1,500	3,200	3,900	3,400	2,600	2,000	2,900
S350	8/5/2000	92 - 200	D2	SB0067	1,,700	1,100	2,300	2,700	2,300	1,900	1,500	2,400
S351	8/15/2000	0 - 2		SF0173	72 UJ	72 UJ	72 UJ	72 UJ	72 UJ	72 UJ	72 UJ	72 UJ
S351	8/5/2000	0 - 15		SF0149	2,600	750	5,700	4,800	4,400	3,600	2,600	4,500
S351	8/5/2000	15 - 30		SF0150	1,600	370	2,000	1,800	1,600	1,400	1,100	1,200
S351	8/5/2000	30 - 100		SB0055	32,000	2,600 U	22,000	13,000	9,700	7,200	5,500	7,900

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Acenaphthene (µg/kg-dw)	Acenaphthylene (µg/kg-dw)	Anthracene (µg/kg-dw)	Benzo(a) anthracene (µg/kg-dw)	Benzo(a) pyrene (µg/kg-dw)	Benzo(b) fluoranthene (µg/kg-dw)	Benzo(g,h,i) perylene (µg/kg-dw)	Benzo(k) fluoranthene (µg/kg-dw)
S351	8/5/2000	100 - 200		SB0056	25,000	3,000 U	18,000	13,000	12,000	9,600	6,900	9,500
S352	8/10/2000	0 - 15		SF0151	12,000 J	2,200 J	16,000 J	9,600 J	8,100 J	6,700 J	4,500 J	6,800 J
S352	8/10/2000	15 - 30		SF0152	7,,700	3,500	14,000	7,600	6,400	5,300	4,200	5,600
S352	8/10/2000	30 - 100		SB0057	2,300 J	750 J	3,100 J	3,200 J	2,900 J	2,200 J	1,700 J	2,600 J
S352	8/10/2000	100 - 200		SB0058	61 UJ	61 UJ	61 UJ	61 UJ	61 UJ	61 UJ	61 UJ	61 UJ
S353	7/27/2000	0 - 15		SF0113	1,200 J	1,100	4,000	9,000	9,400	6,900	6,500	7,100
S353	7/27/2000	15 - 30		SF0114	620 J	1,000	2,900	6,400	6,800	4,300	4,800	5,500
S353	7/27/2000	30 - 100		SB0021	270 J	100 J	750 J	850 J	770 J	450 J	490 J	510 J
S353	7/27/2000	100 - 200		SB0022	59 U	59 U	59 U	59 U	59 U	59 U	59 U	59 U
S354	8/10/2000	0 - 15		SF0155	130 UJ	130 UJ	210 J	390 J	450 J	470 J	420 J	430 J
S354	8/13/2000	15 - 30		SF0156	2,100 U	2,100 U	2,100 U	2,100 U	2,100 U	2,100 U	2,100 U	2,100 U
S354	8/13/2000	30 - 100		SB0061	1,000	930	2,600	2,600	2,100	1,500	950	1,400
S354	8/13/2000	100 - 200	D1	SB0062	190	290	1,200	,800	790	,800	450	780
S354	8/13/2000	100 - 200	D2	SB0069	930 U	930 U	930 U	930 U	930 U	930 U	930 U	930 U
S355	8/10/2000	0 - 15		SF0157	140 UJ	150 J	270 J	680 J	810 J	820 J	,700 J	660 J
S355	8/13/2000	15 - 30		SF0158	110 U	110 U	230	310	410	370	360	290
S355	8/13/2000	30 - 100		SB0035	6,700	4,400	12,000	15,000	17,000	10,000	8,600	12,000
S355	8/13/2000	100 - 200		SB0036	88 U	150	450	490	530	500	330	390
S434	8/9/2000	0 - 15		SF0170	55 U	55 U	55 U	130 J	110 J	140 J	110 J	130 J
S434	8/9/2000	15 - 30		SF0171	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U
S434	8/9/2000	30 - 100		SB0100	58 U	58 U	58 U	58 U	58 U	58 U	58 U	58 U
S434	8/9/2000	100 - 200		SB0101	59 U	59 U	59 U	59 U	59 U	59 U	59 U	59 U
S435	8/9/2000	0 - 5		SF0172	230,000 U	230,000 U	230,000 U	230,000 U	230,000 U	230,000 U	230,000 U	230,000 U

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Benzyl Alcohol (µg/kg-dw)	Bis(2-chloroethoxy) methane (µg/kg-dw)	Bis(2-chloroethyl) ether (µg/kg-dw)	Bis(2-ethylhexyl) phthalate (µg/kg-dw)	4-Bromophenyl-phenyl ether (µg/kg-dw)	Butylbenzyl phthalate (µg/kg-dw)
S324	7/13/2000	0 - 15		SF0092	400 U	77 U	77 U	82 J	77 U	77 U
S324	7/13/2000	15 - 30		SF0093	340 U	67 U	67 U	88 J	67 U	67 U
S324	7/13/2000	30 - 100	D1	SB0001	340 UJ	66 U	66 U	250 J	66 U	66 U
S324	7/13/2000	30 - 100	D2	SB0068	330 U	65 U	65 U	380 J	65 U	65 U
S324	7/13/2000	100 - 200		SB0002	480 UJ	94 UJ	94 UJ	94 UJ	94 UJ	94 UJ
S325	7/14/2000	0 - 2		SF0094	370 U	72 U	72 U	370	72 U	72 UJ
S325	7/14/2000	2 - 15		SF0095	370 UJ	72 UJ	72 UJ	200 J	72 UJ	72 UJ
S325	7/14/2000	15 - 30		SF0096	370 U	71 U	71 U	700	71 U	71 UJ
S325	7/14/2000	30 - 100		SB0003	660 U	130 U	130 U	130 U	130 U	130 UJ
S325	7/14/2000	100 - 200		SB0004	310 U	61 U	61 U	1,900	61 U	61 UJ
S326	7/14/2000	0 - 15		SF0097	400 U	78 U	78 U	480	78 U	78 UJ
S326	7/14/2000	15 - 30		SF0098	390 U	76 U	76 U	610 J	76 U	76 UJ
S326	7/14/2000	30 - 100		SB0005	430 U	84 U	84 U	1,500	84 U	84 UJ
S326	7/14/2000	100 - 200		SB0006	430 U	83 U	83 U	870	83 U	83 UJ
S327	8/5/2000	0 - 15		SF0099	4,600 U	890 U	890 U	1,800 J	890 U	890 U
S327	8/5/2000	15 - 30		SF0100	4,800 U	930 U	930 U	3,500 J	930 U	930 U
S327	8/5/2000	30 - 60		SB0007	4,800 U	940 U	940 U	4,500 J	940 U	940 UJ
S327	8/5/2000	60 - 140		SB0008	2,300 U	440 U	440 U	440 U	440 U	440 U
S327	8/5/2000	140 - 196		SF0148	3,100 U	600 U	600 U	860 J	600 U	600 U
S328	7/15/2000	0 - 15		SF0101	260 UJ	51 UJ	51 UJ	66 UJ	51 UJ	51 UJ
S328	7/15/2000	15 - 30		SF0102	300 U	58 U	58 U	58 U	58 U	58 U
S328	7/15/2000	30 - 100		SB0009	300 UJ	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ
S328	7/15/2000	100 - 200		SB0010	280 UJ	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ
S329	7/16/2000	0 - 15		SF0103	320 UJ	61 UJ	61 UJ	61 UJ	61 UJ	61 UJ
S329	7/16/2000	15 - 30		SF0104	300 UJ	58 UJ	58 UJ	58 UJ	58 UJ	58 UJ
S329	7/16/2000	30 - 100		SB0011	310 UJ	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ
S329	7/16/2000	100 - 200		SB0012	290 UJ	56 UJ	56 UJ	29 J	56 UJ	56 UJ
S330	7/16/2000	0 - 15		SF0105	280 UJ	55 U	55 U	55 U	55 U	55 U
S330	7/16/2000	15 - 30		SF0106	290 UJ	56 U	56 U	56 U	56 U	56 U
S330	7/16/2000	30 - 100		SB0013	290 UJ	56 U	56 U	56 U	56 U	56 U
S330	7/16/2000	100 - 200		SB0014	290 U	56 U	56 U	29 J	56 U	56 U

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Benzyl Alcohol (µg/kg-dw)	Bis(2-chloroethoxy) methane (µg/kg-dw)	Bis(2-chloroethyl) ether (µg/kg-dw)	Bis(2-ethylhexyl) phthalate (µg/kg-dw)	4-Bromophenyl-phenyl ether (µg/kg-dw)	Butylbenzyl phthalate (µg/kg-dw)
S331	7/16/2000	0 - 15		SF0107	460 UJ	89 UJ	89 UJ	,900 J	89 UJ	89 UJ
S331	7/16/2000	15 - 30		SF0108	580 UJ	110 U	110 U	3,000	110 U	110 U
S331	7/16/2000	30 - 100		SB0015	490 UJ	480 U	480 U	740 J	480 U	480 U
S331	7/16/2000	100 - 200		SB0016	12,000 U	2,300 U	2,300 U	2,300 U	2,300 U	2,300 U
S332	8/11/2000	0 - 15		SF0109	3,200 UJ	620 U	620 U	4,100	620 U	620 U
S332	8/10/2000	15 - 30		SF0110	3,500 UJ	690 U	690 U	690 U	690 U	690 U
S332	8/10/2000	30 - 100		SB0017	4,200 UJ	810 U	810 U	810 U	810 U	810 U
S332	8/10/2000	100 - 200		SB0018	3,700 UJ	720 U	720 U	720 U	720 U	720 U
S333	8/2/2000	0 - 15		SF0134	13,000 U	2,500 U	2,500 U	2,500 U	2,500 U	2,500 U
S333	8/2/2000	15 - 30		SF0135	16,000 U	3,200 U	3,200 U	3,200 U	3,200 U	3,200 U
S333	8/2/2000	30 - 100	D1	SB0041	270 UJ	53 UJ	53 UJ	53 UJ	53 UJ	53 UJ
S333	8/2/2000	30 - 100	D2	SB0066	270 U	53 U	53 U	53 U	53 U	53 U
S333	8/2/2000	100 - 193		SB0042	290 U	57 U	57 U	57 U	57 U	57 U
S334	8/2/2000	0 - 15		SF0153	880 U	170 U	170 U	170 U	170 U	170 U
S334	8/2/2000	15 - 30		SF0154	1,400 U	280 U	280 U	280 U	280 U	280 U
S334	8/2/2000	30 - 110		SB0059	7,300 U	1,400 U	1,400 U	1,400 U	1,400 U	1,400 U
S334	8/2/2000	110 - 200		SB0060	3,900 U	750 U	750 U	750 U	750 U	750 U
S335	8/2/2000	0 - 15		SF0115	1,700 U	340 U	340 U	340 U	340 U	340 U
S335	8/2/2000	15 - 30		SF0116	5,800 U	1,100 U	1,100 U	1,100 U	1,100 U	1,100 U
S335	8/2/2000	30 - 100		SB0023	1,300 U	260 U	260 U	260 U	260 U	260 U
S335	8/2/2000	100 - 190	D1	SB0024	320 U	63 U	63 U	63 U	63 U	63 U
S335	8/2/2000	100 - 190	D2	SB0065	320 UJ	62 UJ	62 UJ	83 J	62 UJ	62 UJ
S336	8/3/2000	0 - 15		SF0117	170 U	33 U	33 U	3,000	33 U	33 U
S336	8/3/2000	15 - 30		SF0118	170 U	33 U	33 U	770	33 U	33 U
S336	8/3/2000	30 - 100		SB0025	170 U	33 U	33 U	33 U	33 U	33 U
S336	8/3/2000	100 - 200		SB0026	170 U	33 U	33 U	33 U	33 U	33 U
S337	8/11/2000	0 - 15		SF0174	420 U	81 U	81 U	2,400	81 U	81 U
S337	8/3/2000	15 - 30		SF0120	170 U	33 U	33 U	3,400	33 U	33 U
S337	8/3/2000	30 - 100		SB0027	170 U	33 U	33 U	1,200	33 U	33 U
S337	8/3/2000	100 - 200		SB0028	170 U	33 U	33 U	1,100	33 U	130
S338	8/3/2000	0 - 15		SF0121	170 U	33 U	33 U	2,200	33 U	33 U

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Benzyl Alcohol (µg/kg-dw)	Bis(2-chloroethoxy) methane (µg/kg-dw)	Bis(2-chloroethyl) ether (µg/kg-dw)	Bis(2-ethylhexyl) phthalate (µg/kg-dw)	4-Bromophenyl-phenyl ether (µg/kg-dw)	Butylbenzyl phthalate (µg/kg-dw)
S338	8/3/2000	15 - 30		SF0122	170 U	33 U	33 U	2,600	33 U	33 U
S338	8/3/2000	30 - 130		SB0029	170 U	33 U	33 U	280	33 U	33 U
S338	8/3/2000	130 - 200		SB0030	170 U	33 U	33 U	33 U	33 U	33 U
S339	8/3/2000	0 - 15		SF0124	170 U	33 U	33 U	,800	33 U	33 U
S339	8/3/2000	15 - 30		SF0125	170 U	33 U	33 U	33 U	33 U	33 U
S339	8/3/2000	30 - 100		SB0031	170 U	33 U	33 U	33 U	33 U	33 U
S339	8/3/2000	100 - 168		SB0032	170 U	33 U	33 U	33 U	33 U	33 U
S339	8/3/2000	168 - 200		SF0123_E	170 U	33 U	33 U	33 U	33 U	33 U
S340	8/15/2000	0 - 2	D1	SF0123	350 UJ	67 UJ	67 UJ	180 UJ	67 UJ	67 UJ
S340	8/15/2000	0 - 2	D2	SF0123_R	3,400 UJ	660 UJ	660 UJ	660 UJ	660 UJ	660 UJ
S340	8/3/2000	0 - 15		SF0126	170 U	33 U	33 U	33 U	33 U	33 U
S340	8/3/2000	15 - 30		SF0127	170 U	33 U	33 U	33 U	33 U	33 U
S340	8/3/2000	30 - 100		SB0033	170 U	33 U	33 U	33 U	33 U	33 U
S340	8/3/2000	100 - 200		SB0034	170 U	33 U	33 U	33 U	33 U	33 U
S341	8/4/2000	0 - 15		SF0128	310 U	61 U	61 U	80	61 U	61 U
S341	8/4/2000	15 - 30		SF0129	440 UJ	86 UJ	86 UJ	86 UJ	86 UJ	86 UJ
S341	8/4/2000	30 - 85		SB0063	6,600 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U
S341	8/4/2000	85 - 160		SB0064	3,100 UJ	610 U	610 U	610 U	610 U	610 U
S341	8/4/2000	160 - 200		SF0119	19,000 U	3,700 U	3,700 U	3,700 U	3,700 U	3,700 U
S342	8/10/2000	0 - 15		SF0130_T	3,000 UJ	580 U	580 U	750	580 U	580 U
S342	7/27/2000	15 - 30		SF0131	380 U	74 U	74 U	74 U	74 U	74 U
S342	7/27/2000	30 - 100		SB0037	380 UJ	73 UJ	73 UJ	73 UJ	73 UJ	73 UJ
S342	7/27/2000	100 - 200		SB0038	2,000 U	390 U	390 U	390 U	390 U	390 U
S343	8/4/2000	0 - 15		SF0132	5,700 U	1,100 U	1,100 U	1,100 U	1,100 U	1,100 U
S343	8/4/2000	15 - 30		SF0133	330 U	64 U	64 U	64 U	64 U	64 U
S343	8/4/2000	30 - 100	D1	SB0039	7,700 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U
S343	8/4/2000	30 - 100	D2	SF0167	390 UJ	75 U	75 U	75 U	75 U	75 U
S343	8/4/2000	100 - 200		SB0040	1,400 UJ	280 U	280 U	280 U	280 U	280 U
S344	8/10/2000	0 - 15		SF0111_T	20,000 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U
S344	7/27/2000	15 - 30		SF0112	6,300 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U
S344	7/27/2000	30 - 100	D1	SB0019	360 UJ	70 UJ	70 UJ	70 UJ	70 UJ	70 UJ

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Benzyl Alcohol (µg/kg-dw)	Bis(2-chloroethoxy) methane (µg/kg-dw)	Bis(2-chloroethyl) ether (µg/kg-dw)	Bis(2-ethylhexyl) phthalate (µg/kg-dw)	4-Bromophenyl-phenyl ether (µg/kg-dw)	Butylbenzyl phthalate (µg/kg-dw)
S344	7/27/2000	30 - 100	D2	SB0070	340 UJ	66 UJ	66 UJ	66 UJ	66 UJ	66 UJ
S344	7/27/2000	100 - 200		SB0020	480 UJ	93 UJ	93 UJ	200 J	93 UJ	93 UJ
S345	8/4/2000	0 - 15		SF0136	4,100 UJ	790 U	790 U	790 U	790 U	790 U
S345	8/4/2000	15 - 30		SF0137	540 UJ	110 U	110 U	110 U	110 U	110 U
S345	8/4/2000	30 - 100		SB0043	9,600 U	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U
S345	8/4/2000	100 - 200		SB0044	3,800 UJ	730 U	730 U	730 U	730 U	730 U
S346	8/4/2000	0 - 15		SF0138	1,400 U	270 U	270 U	270 U	270 U	270 U
S346	8/4/2000	15 - 30		SF0139	1,800 UJ	360 U	360 U	360 U	360 U	360 U
S346	8/4/2000	30 - 160		SB0045	3,600 UJ	690 U	690 U	690 U	690 U	690 U
S346	8/4/2000	160 - 200		SB0046	16,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U
S347	8/4/2000	0 - 15		SF0140	2,800 UJ	540 U	540 U	540 U	540 U	540 U
S347	8/4/2000	15 - 30		SF0141	2,400 UJ	460 U	460 U	460 U	460 U	460 U
S347	8/4/2000	30 - 100		SB0047	440 UJ	85 UJ	85 UJ	85 UJ	85 UJ	85 UJ
S347	8/4/2000	100 - 200		SB0048	440 UJ	86 UJ	86 UJ	86 UJ	86 UJ	86 UJ
S348	8/5/2000	0 - 15		SF0142	5,100 U	980 U	980 U	980 U	980 U	980 UJ
S348	8/5/2000	15 - 30		SF0143	13,000 U	2,500 U	2,500 U	2,500 UJ	2,500 U	2,500 UJ
S348	8/5/2000	30 - 110		SB0049	5,300 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U
S348	8/5/2000	110 - 200		SB0050	3,300 U	630 U	630 U	630 U	630 U	630 UJ
S349	8/5/2000	0 - 15		SF0144	1,700 U	340 U	340 U	340 U	340 U	340 UJ
S349	8/5/2000	15 - 30		SF0145	12,000 U	2,300 U	2,300 U	2,300 U	2,300 U	2,300 UJ
S349	8/5/2000	30 - 100		SB0051	4,100 U	790 U	790 U	790 U	790 U	790 UJ
S349	8/5/2000	100 - 200		SB0052	430 U	84 U	84 U	160 J	84 U	84 UJ
S350	8/5/2000	0 - 15		SF0146	450 U	88 U	88 U	88 U	88 U	88 U
S350	8/5/2000	15 - 30		SF0147	400 U	78 U	78 U	78 U	78 U	78 U
S350	8/5/2000	30 - 92		SB0053	9,000 U	1,800 U	1,800 U	1,800 UJ	1,800 U	1,800 UJ
S350	8/5/2000	92 - 200	D1	SB0054	3,500 U	680 U	680 U	680 UJ	680 U	680 UJ
S350	8/5/2000	92 - 200	D2	SB0067	3,500 U	680 U	680 U	680 UJ	680 U	680 UJ
S351	8/15/2000	0 - 2		SF0173	370 UJ	72 UJ	72 UJ	72 UJ	72 UJ	72 UJ
S351	8/5/2000	0 - 15		SF0149	920 U	180 U	180 U	1,700 J	180 U	180 UJ
S351	8/5/2000	15 - 30		SF0150	500 U	98 U	98 U	890 J	98 U	98 UJ
S351	8/5/2000	30 - 100		SB0055	13,000 U	2,600 U	2,600 U	2,600 UJ	2,600 U	2,600 UJ

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Benzyl Alcohol (µg/kg-dw)	Bis(2-chloroethoxy) methane (µg/kg-dw)	Bis(2-chloroethyl) ether (µg/kg-dw)	Bis(2-ethylhexyl) phthalate (µg/kg-dw)	4-Bromophenyl-phenyl ether (µg/kg-dw)	Butylbenzyl phthalate (µg/kg-dw)
S351	8/5/2000	100 - 200		SB0056	15,000 U	3,000 U	3,000 U	3,000 UJ	3,000 U	3,000 UJ
S352	8/10/2000	0 - 15		SF0151	3,100 UJ	600 UJ	600 UJ	1,800 J	600 UJ	600 UJ
S352	8/10/2000	15 - 30		SF0152	6,000 U	1,200 U	1,200 U	1,300	1,200 U	1,200 U
S352	8/10/2000	30 - 100		SB0057	1,400 UJ	280 UJ	280 UJ	340 J	280 UJ	280 UJ
S352	8/10/2000	100 - 200		SB0058	310 UJ	61 UJ	61 UJ	61 UJ	61 UJ	61 UJ
S353	7/27/2000	0 - 15		SF0113	2,800 U	540 U	540 U	1,200 J	540 U	540 U
S353	7/27/2000	15 - 30		SF0114	940 UJ	180 U	180 U	690 J	180 U	180 U
S353	7/27/2000	30 - 100		SB0021	260 UJ	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ
S353	7/27/2000	100 - 200		SB0022	300 U	59 U	59 U	430 J	59 U	59 U
S354	8/10/2000	0 - 15		SF0155	670 UJ	130 UJ	130 UJ	1,400 J	130 UJ	130 UJ
S354	8/13/2000	15 - 30		SF0156	11,000 U	2,100 U	2,100 U	2,100 U	2,100 U	2,100 U
S354	8/13/2000	30 - 100		SB0061	620 U	120 U	120 U	120 U	120 U	120 U
S354	8/13/2000	100 - 200	D1	SB0062	480 U	92 U	92 U	3,800	92 U	92 U
S354	8/13/2000	100 - 200	D2	SB0069	4,800 U	930 U	930 U	930 U	930 U	930 U
S355	8/10/2000	0 - 15		SF0157	710 UJ	140 UJ	140 UJ	2,100 J	140 UJ	140 UJ
S355	8/13/2000	15 - 30		SF0158	560 U	110 U	110 U	1,600	110 U	110 U
S355	8/13/2000	30 - 100		SB0035	3,000 U	570 U	570 U	2,800	570 U	570 U
S355	8/13/2000	100 - 200		SB0036	450 U	88 U	88 U	3,400	88 U	88 U
S434	8/9/2000	0 - 15		SF0170	280 U	55 U	55 U	55 U	55 U	55 U
S434	8/9/2000	15 - 30		SF0171	310 U	60 U	60 U	60 U	60 U	60 U
S434	8/9/2000	30 - 100		SB0100	300 U	58 U	58 U	58 U	58 U	58 U
S434	8/9/2000	100 - 200		SB0101	300 U	59 U	59 U	59 U	59 U	59 U
S435	8/9/2000	0 - 5		SF0172	1200,000 U	230,000 U	230,000 U	230,000 U	230,000 U	230,000 U

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Carbazole (µg/kg-dw)	4-Chloro-3-methylphenol (µg/kg-dw)	4-Chloroaniline (µg/kg-dw)	2-Chloro-naphthalene (µg/kg-dw)	2-Chlorophenol (µg/kg-dw)	4-Chlorophenyl-phenyl ether (µg/kg-dw)	Chrysene (µg/kg-dw)
S324	7/13/2000	0 - 15		SF0092	77 U	400 U	77 U	77 U	77 U	77 U	45 J
S324	7/13/2000	15 - 30		SF0093	67 U	340 U	67 U	67 U	67 U	67 U	63
S324	7/13/2000	30 - 100	D1	SB0001	66 U	340 U	66 U	66 U	66 U	66 U	110
S324	7/13/2000	30 - 100	D2	SB0068	65 U	330 U	65 U	65 U	65 U	65 U	160
S324	7/13/2000	100 - 200		SB0002	94 UJ	480 UJ	94 UJ	94 UJ	94 UJ	94 UJ	94 UJ
S325	7/14/2000	0 - 2		SF0094	72 U	370 U	72 U	72 U	72 U	72 U	180
S325	7/14/2000	2 - 15		SF0095	72 UJ	370 U	72 UJ	72 UJ	72 U	72 UJ	86 J
S325	7/14/2000	15 - 30		SF0096	56 J	370 U	71 U	71 U	71 U	71 U	410
S325	7/14/2000	30 - 100		SB0003	180	660 U	130 U	130 U	130 U	130 U	4,900
S325	7/14/2000	100 - 200		SB0004	72	310 U	80	61 U	61 U	61 U	580
S326	7/14/2000	0 - 15		SF0097	78 U	400 U	78 U	78 U	78 U	78 U	220
S326	7/14/2000	15 - 30		SF0098	76 U	390 U	76 U	76 U	76 U	76 U	220
S326	7/14/2000	30 - 100		SB0005	84 U	430 U	120	84 U	84 U	84 U	360
S326	7/14/2000	100 - 200		SB0006	83 U	430 U	83 U	83 U	83 U	83 U	,800
S327	8/5/2000	0 - 15		SF0099	890 U	4,600 U	890 U	890 U	890 U	890 U	890 U
S327	8/5/2000	15 - 30		SF0100	930 U	4,800 U	930 U	930 U	930 U	930 U	930 U
S327	8/5/2000	30 - 60		SB0007	940 U	4,800 U	940 U	940 U	940 U	940 U	940 U
S327	8/5/2000	60 - 140		SB0008	440 U	2,300 U	440 U	440 U	440 U	440 U	440 U
S327	8/5/2000	140 - 196		SF0148	600 U	3,100 U	600 U	600 U	600 U	600 U	1,100
S328	7/15/2000	0 - 15		SF0101	51 UJ	260 UJ	51 UJ	51 UJ	51 UJ	51 UJ	54 J
S328	7/15/2000	15 - 30		SF0102	58 U	300 U	58 U	58 U	58 U	58 U	58 U
S328	7/15/2000	30 - 100		SB0009	59 UJ	300 UJ	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ
S328	7/15/2000	100 - 200		SB0010	55 UJ	280 UJ	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ
S329	7/16/2000	0 - 15		SF0103	61 UJ	320 UJ	61 UJ	61 UJ	61 UJ	61 UJ	61 UJ
S329	7/16/2000	15 - 30		SF0104	58 UJ	300 UJ	58 UJ	58 UJ	58 UJ	58 UJ	58 UJ
S329	7/16/2000	30 - 100		SB0011	59 UJ	310 UJ	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ
S329	7/16/2000	100 - 200		SB0012	56 UJ	290 UJ	56 UJ	56 UJ	56 UJ	56 UJ	56 UJ
S330	7/16/2000	0 - 15		SF0105	55 U	280 UJ	55 UJ	55 U	55 UJ	55 U	55 U
S330	7/16/2000	15 - 30		SF0106	56 U	290 UJ	56 UJ	56 U	56 UJ	56 U	56 U
S330	7/16/2000	30 - 100		SB0013	56 U	290 UJ	56 UJ	56 U	56 UJ	56 U	56 U
S330	7/16/2000	100 - 200		SB0014	56 U	290 U	56 UJ	56 U	56 U	56 U	56 U

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Carbazole (µg/kg-dw)	4-Chloro-3-methylphenol (µg/kg-dw)	4-Chloroaniline (µg/kg-dw)	2-Chloro-naphthalene (µg/kg-dw)	2-Chlorophenol (µg/kg-dw)	4-Chlorophenyl-phenyl ether (µg/kg-dw)	Chrysene (µg/kg-dw)
S331	7/16/2000	0 - 15		SF0107	89 UJ	460 UJ	89 UJ	89 UJ	89 UJ	89 UJ	160 J
S331	7/16/2000	15 - 30		SF0108	110 U	580 UJ	110 UJ	110 U	110 UJ	110 U	550 J
S331	7/16/2000	30 - 100		SB0015	480 U	490 UJ	480 UJ	480 U	96 UJ	480 U	870
S331	7/16/2000	100 - 200		SB0016	2,300 U	12,000 U	2,300 UJ	2,300 U	2,300 U	2,300 U	3,800 J
S332	8/11/2000	0 - 15		SF0109	620 U	3,200 UJ	620 UJ	620 U	620 UJ	620 U	750
S332	8/10/2000	15 - 30		SF0110	2,600	3,500 UJ	690 UJ	690 U	690 UJ	690 U	9,500
S332	8/10/2000	30 - 100		SB0017	2,100	4,200 UJ	810 UJ	810 U	810 UJ	810 U	7,100
S332	8/10/2000	100 - 200		SB0018	2,700	3,700 UJ	720 UJ	720 U	720 UJ	720 U	7,800
S333	8/2/2000	0 - 15		SF0134	2,500 U	13,000 U	2,500 U	2,500 U	2,500 U	2,500 U	6,200
S333	8/2/2000	15 - 30		SF0135	3,200 U	16,000 U	3,200 U	3,200 U	3,200 U	3,200 U	11,000
S333	8/2/2000	30 - 100	D1	SB0041	53 UJ	270 UJ	53 UJ	53 UJ	53 UJ	53 UJ	110 J
S333	8/2/2000	30 - 100	D2	SB0066	53 U	270 U	53 U	53 U	53 U	53 U	110
S333	8/2/2000	100 - 193		SB0042	57 U	290 U	57 U	57 U	57 U	57 U	57 U
S334	8/2/2000	0 - 15		SF0153	770	880 U	170 U	170 U	170 U	170 U	5,800
S334	8/2/2000	15 - 30		SF0154	760	1,400 U	280 U	280 U	280 U	280 U	6,300
S334	8/2/2000	30 - 110		SB0059	3,300	7,300 U	1,400 U	1,400 U	1,400 U	1,400 U	25,000
S334	8/2/2000	110 - 200		SB0060	750 U	3,900 U	750 U	750 U	750 U	750 U	8,300
S335	8/2/2000	0 - 15		SF0115	340 U	1,700 U	340 U	340 U	340 U	340 U	2,200
S335	8/2/2000	15 - 30		SF0116	1,100 U	5,800 U	1,100 U	1,100 U	1,100 U	1,100 U	4,800
S335	8/2/2000	30 - 100		SB0023	260 U	1,300 U	260 U	260 U	260 U	260 U	1,000
S335	8/2/2000	100 - 190	D1	SB0024	63 U	320 U	63 U	63 U	63 U	63 U	63 U
S335	8/2/2000	100 - 190	D2	SB0065	62 UJ	320 UJ	62 UJ	62 UJ	62 UJ	62 UJ	62 UJ
S336	8/3/2000	0 - 15		SF0117	33 U	170 U	33 U	33 U	33 U	33 U	450
S336	8/3/2000	15 - 30		SF0118	33 U	170 U	33 U	33 U	33 U	33 U	1,200
S336	8/3/2000	30 - 100		SB0025	33 U	170 U	33 U	33 U	33 U	33 U	1,900
S336	8/3/2000	100 - 200		SB0026	33 U	170 U	33 U	33 U	33 U	33 U	3,100
S337	8/11/2000	0 - 15		SF0174	81 U	420 U	140 J	81 U	81 U	81 U	450
S337	8/3/2000	15 - 30		SF0120	33 U	170 U	440	33 U	230	33 U	570
S337	8/3/2000	30 - 100		SB0027	33 U	170 U	33 U	33 U	33 U	33 U	1,200
S337	8/3/2000	100 - 200		SB0028	220	170 U	33 U	33 U	33 U	33 U	1,100
S338	8/3/2000	0 - 15		SF0121	33 U	170 U	33 U	33 U	33 U	33 U	720

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Carbazole (µg/kg-dw)	4-Chloro-3-methylphenol (µg/kg-dw)	4-Chloroaniline (µg/kg-dw)	2-Chloro-naphthalene (µg/kg-dw)	2-Chlorophenol (µg/kg-dw)	4-Chlorophenyl-phenyl ether (µg/kg-dw)	Chrysene (µg/kg-dw)
S338	8/3/2000	15 - 30		SF0122	33 U	170 U	33 U	33 U	33 U	33 U	1,300
S338	8/3/2000	30 - 130		SB0029	33 U	170 U	33 UJ	33 U	33 U	33 U	130
S338	8/3/2000	130 - 200		SB0030	33 U	170 U	33 U	33 U	33 U	33 U	2,800
S339	8/3/2000	0 - 15		SF0124	380	170 U	33 U	33 U	33 U	33 U	2,600
S339	8/3/2000	15 - 30		SF0125	33 U	170 U	33 U	33 U	33 U	33 U	4,500
S339	8/3/2000	30 - 100		SB0031	33 U	170 U	33 UJ	33 U	33 U	33 U	4,400
S339	8/3/2000	100 - 168		SB0032	2,000	170 U	33 U	33 U	33 U	33 U	6,600
S339	8/3/2000	168 - 200		SF0123_E	33 U	170 U	33 U	33 U	33 U	33 U	2,800
S340	8/15/2000	0 - 2	D1	SF0123	210 J	350 UJ	67 UJ	67 UJ	67 UJ	67 UJ	100 J
S340	8/15/2000	0 - 2	D2	SF0123_R	660 UJ	3,400 UJ	660 UJ	660 UJ	660 UJ	660 UJ	660 UJ
S340	8/3/2000	0 - 15		SF0126	33 U	170 U	33 U	33 U	33 U	33 U	880
S340	8/3/2000	15 - 30		SF0127	33 U	170 U	33 U	33 U	33 U	33 U	140
S340	8/3/2000	30 - 100		SB0033	33 U	170 U	33 U	33 U	33 U	33 U	1,900
S340	8/3/2000	100 - 200		SB0034	1,800	170 U	33 U	33 U	33 U	33 U	3,600
S341	8/4/2000	0 - 15		SF0128	61 U	310 U	61 U	61 U	61 U	61 U	540
S341	8/4/2000	15 - 30		SF0129	86 UJ	440 UJ	86 UJ	86 UJ	86 UJ	86 UJ	130 J
S341	8/4/2000	30 - 85		SB0063	1,300 U	6,600 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U
S341	8/4/2000	85 - 160		SB0064	1,000	3,100 UJ	610 U	610 U	610 UJ	610 U	3,800
S341	8/4/2000	160 - 200		SF0119	3,700 U	19,000 U	3,700 U	3,700 U	3,700 U	3,700 U	3,700 U
S342	8/10/2000	0 - 15		SF0130_T	580 U	3,000 UJ	580 UJ	580 U	580 UJ	580 U	580 U
S342	7/27/2000	15 - 30		SF0131	74 U	380 U	74 U	74 U	74 U	74 U	220
S342	7/27/2000	30 - 100		SB0037	73 UJ	380 UJ	73 UJ	73 UJ	73 UJ	73 UJ	380 J
S342	7/27/2000	100 - 200		SB0038	390 U	2,000 U	390 U	390 U	390 U	390 U	500
S343	8/4/2000	0 - 15		SF0132	1,100 U	5,700 U	1,100 U	1,100 U	1,100 U	1,100 U	1,100 U
S343	8/4/2000	15 - 30		SF0133	110	330 U	64 U	64 U	64 U	64 U	360
S343	8/4/2000	30 - 100	D1	SB0039	1,500 U	7,700 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U
S343	8/4/2000	30 - 100	D2	SF0167	120	390 UJ	75 U	75 U	75 UJ	75 U	150
S343	8/4/2000	100 - 200		SB0040	280 U	1,400 UJ	280 U	280 U	280 UJ	280 U	520
S344	8/10/2000	0 - 15		SF0111_T	3,800 U	20,000 U	3,800 UJ	3,800 U	3,800 U	3,800 U	3,800 U
S344	7/27/2000	15 - 30		SF0112	1,200 U	6,300 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U
S344	7/27/2000	30 - 100	D1	SB0019	70 UJ	360 UJ	70 UJ	70 UJ	70 UJ	70 UJ	150 J

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Carbazole (µg/kg-dw)	4-Chloro-3-methylphenol (µg/kg-dw)	4-Chloroaniline (µg/kg-dw)	2-Chloro-naphthalene (µg/kg-dw)	2-Chlorophenol (µg/kg-dw)	4-Chlorophenyl-phenyl ether (µg/kg-dw)	Chrysene (µg/kg-dw)
S344	7/27/2000	30 - 100	D2	SB0070	66 UJ	340 UJ	66 UJ	66 UJ	66 UJ	66 UJ	69 J
S344	7/27/2000	100 - 200		SB0020	93 UJ	480 UJ	93 UJ	93 UJ	93 UJ	93 UJ	490 J
S345	8/4/2000	0 - 15		SF0136	790 U	4,100 UJ	790 U	790 U	790 UJ	790 U	790 U
S345	8/4/2000	15 - 30		SF0137	120	540 UJ	110 U	110 U	110 UJ	110 U	120
S345	8/4/2000	30 - 100		SB0043	1,900 U	9,600 U	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U
S345	8/4/2000	100 - 200		SB0044	730 U	3,800 UJ	730 U	730 U	730 UJ	730 U	730 U
S346	8/4/2000	0 - 15		SF0138	270 U	1,400 U	270 U	270 U	270 U	270 U	270 U
S346	8/4/2000	15 - 30		SF0139	360 U	1,800 UJ	360 U	360 U	360 UJ	360 U	360 U
S346	8/4/2000	30 - 160		SB0045	690 U	3,600 UJ	690 U	690 U	690 UJ	690 U	690 U
S346	8/4/2000	160 - 200		SB0046	3,000 U	16,000 U	3,000 U	3,000 U	3,000 U	3,000 U	9,900
S347	8/4/2000	0 - 15		SF0140	540 U	2,800 UJ	540 U	540 U	540 UJ	540 U	540 U
S347	8/4/2000	15 - 30		SF0141	460 U	2,400 UJ	460 U	460 U	460 UJ	460 U	460 U
S347	8/4/2000	30 - 100		SB0047	85 UJ	440 UJ	85 UJ	85 UJ	85 UJ	85 UJ	85 UJ
S347	8/4/2000	100 - 200		SB0048	86 UJ	440 UJ	86 UJ	86 UJ	86 UJ	86 UJ	86 UJ
S348	8/5/2000	0 - 15		SF0142	980 U	5,100 U	980 U	980 U	980 U	980 U	980 U
S348	8/5/2000	15 - 30		SF0143	2,500 U	13,000 U	2,500 U	2,500 U	2,500 U	2,500 U	2,500 U
S348	8/5/2000	30 - 110		SB0049	1,000 U	5,300 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U
S348	8/5/2000	110 - 200		SB0050	630 U	3,300 U	630 U	630 U	630 U	630 U	1,400
S349	8/5/2000	0 - 15		SF0144	340 U	1,700 U	340 U	340 U	340 U	340 U	530
S349	8/5/2000	15 - 30		SF0145	2,300 U	12,000 U	2,300 U	2,300 U	2,300 U	2,300 U	2,300 U
S349	8/5/2000	30 - 100		SB0051	790 U	4,100 U	790 U	790 U	790 U	790 U	790 U
S349	8/5/2000	100 - 200		SB0052	84 U	430 U	84 U	84 U	84 U	84 U	110
S350	8/5/2000	0 - 15		SF0146	88 U	450 U	88 U	88 U	88 U	88 U	410
S350	8/5/2000	15 - 30		SF0147	78 U	400 U	78 U	78 U	78 U	78 U	240
S350	8/5/2000	30 - 92		SB0053	1,800 U	9,000 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U
S350	8/5/2000	92 - 200	D1	SB0054	930	3,500 U	680 U	680 U	680 U	680 U	4,200
S350	8/5/2000	92 - 200	D2	SB0067	730	3,500 U	680 U	680 U	680 U	680 U	3,000
S351	8/15/2000	0 - 2		SF0173	72 UJ	370 UJ	72 UJ	72 UJ	72 UJ	72 UJ	72 UJ
S351	8/5/2000	0 - 15		SF0149	840	920 U	180 U	180 U	180 U	180 U	5,200
S351	8/5/2000	15 - 30		SF0150	390	500 U	100	98 U	98 U	98 U	1,900
S351	8/5/2000	30 - 100		SB0055	6,100	13,000 U	2,600 U	2,600 U	2,600 U	2,600 U	14,000

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Carbazole (µg/kg-dw)	4-Chloro-3-methylphenol (µg/kg-dw)	4-Chloroaniline (µg/kg-dw)	2-Chloro-naphthalene (µg/kg-dw)	2-Chlorophenol (µg/kg-dw)	4-Chlorophenyl-phenyl ether (µg/kg-dw)	Chrysene (µg/kg-dw)
S351	8/5/2000	100 - 200		SB0056	4,500	15,000 U	3,000 U	3,000 U	3,000 U	3,000 U	14,000
S352	8/10/2000	0 - 15		SF0151	2,200 J	3,100 UJ	600 UJ	600 UJ	600 UJ	600 UJ	10,000 J
S352	8/10/2000	15 - 30		SF0152	2,000	6,000 U	1,200 UJ	1,200 U	1,200 U	1,200 U	9,400
S352	8/10/2000	30 - 100		SB0057	570 J	1,400 UJ	280 UJ	280 UJ	280 UJ	280 UJ	3,800 J
S352	8/10/2000	100 - 200		SB0058	61 UJ	310 UJ	61 UJ	61 UJ	61 UJ	61 UJ	61 UJ
S353	7/27/2000	0 - 15		SF0113	910	2,800 U	540 U	540 U	540 U	540 U	9,000
S353	7/27/2000	15 - 30		SF0114	270	940 U	180 U	180 U	180 U	180 U	6,400
S353	7/27/2000	30 - 100		SB0021	50 UJ	260 UJ	50 UJ	50 UJ	50 UJ	50 UJ	,800 J
S353	7/27/2000	100 - 200		SB0022	59 U	300 UJ	59 U	59 U	59 UJ	59 U	59 U
S354	8/10/2000	0 - 15		SF0155	130 UJ	670 UJ	130 UJ	130 UJ	130 UJ	130 UJ	560 J
S354	8/13/2000	15 - 30		SF0156	2,100 U	11,000 U	2,100 U	2,100 U	2,100 U	2,100 U	2,100 U
S354	8/13/2000	30 - 100		SB0061	120 U	620 U	120 U	120 U	120 U	120 U	3,000
S354	8/13/2000	100 - 200	D1	SB0062	240	480 U	450	92 U	92 U	92 U	1,200
S354	8/13/2000	100 - 200	D2	SB0069	930 U	4,800 U	930 U	930 U	930 U	930 U	930 U
S355	8/10/2000	0 - 15		SF0157	140 UJ	710 UJ	140 UJ	140 UJ	140 UJ	140 UJ	940 J
S355	8/13/2000	15 - 30		SF0158	110 U	560 U	140	110 U	110 U	110 U	470
S355	8/13/2000	30 - 100		SB0035	570 U	3,000 U	570 U	570 U	570 U	570 U	17,000
S355	8/13/2000	100 - 200		SB0036	88 U	450 U	340	88 U	88 U	88 U	,700
S434	8/9/2000	0 - 15		SF0170	55 U	280 U	55 U	55 U	55 U	55 U	150 J
S434	8/9/2000	15 - 30		SF0171	60 U	310 U	60 U	60 U	60 U	60 U	60 U
S434	8/9/2000	30 - 100		SB0100	58 U	300 U	58 U	58 U	58 U	58 U	58 U
S434	8/9/2000	100 - 200		SB0101	59 U	300 U	59 U	59 U	59 U	59 U	59 U
S435	8/9/2000	0 - 5		SF0172	230,000 U	1200,000 U	230,000 U	230,000 U	230,000 U	230,000 U	230,000 U

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Dibenz(a,h) anthracene (µg/kg-dw)	Dibenzofuran (µg/kg-dw)	1,2-Dichlorobenzene (µg/kg-dw)	1,3-Dichlorobenzene (µg/kg-dw)	1,4-Dichlorobenzene (µg/kg-dw)	3,3-Dichlorobenzidine (µg/kg-dw)
S324	7/13/2000	0 - 15		SF0092	77 U	77 U	77 U	77 U	77 U	77 U
S324	7/13/2000	15 - 30		SF0093	67 U	67 U	67 U	67 U	67 U	67 U
S324	7/13/2000	30 - 100	D1	SB0001	66 U	66 U	66 U	66 U	66 U	66 U
S324	7/13/2000	30 - 100	D2	SB0068	65 U	65 U	65 U	65 U	65 U	65 U
S324	7/13/2000	100 - 200		SB0002	94 UJ	94 UJ	94 UJ	94 UJ	94 UJ	94 UJ
S325	7/14/2000	0 - 2		SF0094	72 U	72 U	72 U	72 U	72 U	72 U
S325	7/14/2000	2 - 15		SF0095	72 UJ	72 UJ	72 UJ	72 UJ	72 UJ	72 UJ
S325	7/14/2000	15 - 30		SF0096	110	71 U	71 U	71 U	71 U	71 U
S325	7/14/2000	30 - 100		SB0003	470	840	130 U	130 U	130 U	130 U
S325	7/14/2000	100 - 200		SB0004	100	77	61 U	61 U	96	61 U
S326	7/14/2000	0 - 15		SF0097	43 J	78 U	78 U	78 U	78 U	78 U
S326	7/14/2000	15 - 30		SF0098	53 J	76 U	76 U	76 U	76 U	76 U
S326	7/14/2000	30 - 100		SB0005	70 J	84 U	84 U	84 U	66 J	84 U
S326	7/14/2000	100 - 200		SB0006	120	120	83 U	83 U	160	83 U
S327	8/5/2000	0 - 15		SF0099	890 U	890 U	890 U	890 U	890 U	890 U
S327	8/5/2000	15 - 30		SF0100	930 U	930 U	930 U	930 U	930 U	930 U
S327	8/5/2000	30 - 60		SB0007	940 U	940 U	940 U	940 U	1,000	940 U
S327	8/5/2000	60 - 140		SB0008	440 U	440 U	440 U	440 U	440 U	440 U
S327	8/5/2000	140 - 196		SF0148	600 U	600 U	600 U	600 U	600 U	600 U
S328	7/15/2000	0 - 15		SF0101	51 UJ	51 UJ	51 UJ	51 UJ	51 UJ	51 UJ
S328	7/15/2000	15 - 30		SF0102	58 U	58 U	58 U	58 U	58 U	58 U
S328	7/15/2000	30 - 100		SB0009	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ
S328	7/15/2000	100 - 200		SB0010	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ
S329	7/16/2000	0 - 15		SF0103	61 UJ	61 UJ	61 UJ	61 UJ	61 UJ	61 UJ
S329	7/16/2000	15 - 30		SF0104	58 UJ	58 UJ	58 UJ	58 UJ	58 UJ	58 UJ
S329	7/16/2000	30 - 100		SB0011	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ
S329	7/16/2000	100 - 200		SB0012	56 UJ	56 UJ	56 UJ	56 UJ	56 UJ	56 UJ
S330	7/16/2000	0 - 15		SF0105	55 U	55 U	55 U	55 U	55 U	55 U
S330	7/16/2000	15 - 30		SF0106	56 U	56 U	56 U	56 U	56 U	56 U
S330	7/16/2000	30 - 100		SB0013	56 U	56 U	56 U	56 U	160 J	56 U
S330	7/16/2000	100 - 200		SB0014	56 U	56 U	56 U	56 U	74 J	56 U

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Dibenz(a,h) anthracene (µg/kg-dw)	Dibenzofuran (µg/kg-dw)	1,2-Dichlorobenzene (µg/kg-dw)	1,3-Dichlorobenzene (µg/kg-dw)	1,4-Dichlorobenzene (µg/kg-dw)	3,3-Dichlorobenzidine (µg/kg-dw)
S331	7/16/2000	0 - 15		SF0107	89 UJ	89 UJ	89 UJ	89 UJ	49 J	89 UJ
S331	7/16/2000	15 - 30		SF0108	84 J	110 U	110 U	90 J	350 J	110 U
S331	7/16/2000	30 - 100		SB0015	480 U	430 J	640 J	480 U	1,500 J	480 U
S331	7/16/2000	100 - 200		SB0016	2,300 U	3,600 J	5,300 J	2,300 U	5,500 J	2,300 U
S332	8/11/2000	0 - 15		SF0109	620 U	1,400	1,800	620 U	4,300	620 UJ
S332	8/10/2000	15 - 30		SF0110	2,300	7,700	22,000	690 U	22,000	690 U
S332	8/10/2000	30 - 100		SB0017	1,600	8,100	46,000	810 U	38,000	810 U
S332	8/10/2000	100 - 200		SB0018	1,700	8,000	24,000	720 U	24,000	720 U
S333	8/2/2000	0 - 15		SF0134	2,500 U	14,000	2,500 U	2,500 U	2,500 UJ	2,500 U
S333	8/2/2000	15 - 30		SF0135	3,200 U	11,000	3,200 U	3,200 U	3,200 UJ	3,200 U
S333	8/2/2000	30 - 100	D1	SB0041	53 UJ	53 UJ	53 UJ	53 UJ	53 UJ	53 UJ
S333	8/2/2000	30 - 100	D2	SB0066	53 U	53 U	53 U	53 U	53 UJ	53 U
S333	8/2/2000	100 - 193		SB0042	57 U	57 U	57 U	57 U	57 UJ	57 U
S334	8/2/2000	0 - 15		SF0153	1,300	1,300	180	170 U	290 J	170 U
S334	8/2/2000	15 - 30		SF0154	1,400	1,900	290	280 U	280 UJ	280 U
S334	8/2/2000	30 - 110		SB0059	4,600	9,300	1,400 U	1,400 U	1,400 UJ	1,400 U
S334	8/2/2000	110 - 200		SB0060	750 U	3,500	750 U	750 U	750 UJ	750 U
S335	8/2/2000	0 - 15		SF0115	450	790	440	340 U	340 UJ	340 U
S335	8/2/2000	15 - 30		SF0116	1,100 U	2,200	1,100 U	1,100 U	1,100 UJ	1,100 U
S335	8/2/2000	30 - 100		SB0023	260 U	320	3,500	260 U	7,900 J	260 U
S335	8/2/2000	100 - 190	D1	SB0024	63 U	63 U	1,800	63 U	4,700 J	63 U
S335	8/2/2000	100 - 190	D2	SB0065	62 UJ	62 UJ	530 J	62 UJ	1,400 J	62 UJ
S336	8/3/2000	0 - 15		SF0117	33 U	33 U	33 U	660	5,500	33 U
S336	8/3/2000	15 - 30		SF0118	33 U	33 U	33 U	7,000	120,000	33 U
S336	8/3/2000	30 - 100		SB0025	33 U	33 U	33 U	35,000 J	120,000 J	33 U
S336	8/3/2000	100 - 200		SB0026	33 U	760	33 U	33 U	870	33 U
S337	8/11/2000	0 - 15		SF0174	81 U	81 U	81 U	81 U	420	81 UJ
S337	8/3/2000	15 - 30		SF0120	110	33 U	33 U	33 U	110	33 U
S337	8/3/2000	30 - 100		SB0027	190	290	33 U	330	7,600	33 U
S337	8/3/2000	100 - 200		SB0028	130	120	33 U	33 U	33 U	33 U
S338	8/3/2000	0 - 15		SF0121	130	190	33 U	33 U	590	33 U

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Dibenz(a,h) anthracene (µg/kg-dw)	Dibenzofuran (µg/kg-dw)	1,2-Dichlorobenzene (µg/kg-dw)	1,3-Dichlorobenzene (µg/kg-dw)	1,4-Dichlorobenzene (µg/kg-dw)	3,3-Dichlorobenzidine (µg/kg-dw)
S338	8/3/2000	15 - 30		SF0122	210	340	220	33 UJ	1,200	33 U
S338	8/3/2000	30 - 130		SB0029	33 U	33 U	220	33 U	560	33 U
S338	8/3/2000	130 - 200		SB0030	33 U	33 U	340	33 U	670	33 U
S339	8/3/2000	0 - 15		SF0124	520	590	180	220	1,900	33 U
S339	8/3/2000	15 - 30		SF0125	730	1,300	33 U	33 U	4,600	33 U
S339	8/3/2000	30 - 100		SB0031	33 U	4,700	2,200	33 U	2,500	33 U
S339	8/3/2000	100 - 168		SB0032	740	5,900	33 U	33 U	33 U	33 U
S339	8/3/2000	168 - 200		SF0123_E	33 UJ	600	33 U	33 U	33 U	33 U
S340	8/15/2000	0 - 2	D1	SF0123	67 UJ	340 J	400 J	67 UJ	390 J	67 UJ
S340	8/15/2000	0 - 2	D2	SF0123_R	660 UJ	660 UJ	1,800 J	660 UJ	4,200 J	660 UJ
S340	8/3/2000	0 - 15		SF0126	33 U	500	4,000	33 U	11,000	33 U
S340	8/3/2000	15 - 30		SF0127	33 U	350	5,400 J	33 U	6,900 J	33 U
S340	8/3/2000	30 - 100		SB0033	33 U	3,900	4,600	33 U	4,700	33 U
S340	8/3/2000	100 - 200		SB0034	33 U	5,900	33 U	33 U	33 U	33 U
S341	8/4/2000	0 - 15		SF0128	90	240	1,300	61 U	2,500	61 U
S341	8/4/2000	15 - 30		SF0129	86 UJ	86 UJ	630 J	86 UJ	1,300 J	86 UJ
S341	8/4/2000	30 - 85		SB0063	1,300 U	1,300 U	2,300	1,300 U	3,600	1,300 U
S341	8/4/2000	85 - 160		SB0064	630	610 U	610 U	610 U	730	610 U
S341	8/4/2000	160 - 200		SF0119	3,700 U	7,800	3,700 U	3,700 U	3,700 U	3,700 U
S342	8/10/2000	0 - 15		SF0130_T	580 U	580 U	580 U	580 U	760	580 U
S342	7/27/2000	15 - 30		SF0131	74 U	520	720	74 U	2,000 J	74 U
S342	7/27/2000	30 - 100		SB0037	73 UJ	480 J	5,100 J	140 J	6,000 J	73 UJ
S342	7/27/2000	100 - 200		SB0038	390 U	1,300	10,000	390 U	12,000 J	390 U
S343	8/4/2000	0 - 15		SF0132	1,100 U	1,100 U	5,200	1,100 U	6,200	1,100 U
S343	8/4/2000	15 - 30		SF0133	64 U	590	8,100	64 U	7,500	64 U
S343	8/4/2000	30 - 100	D1	SB0039	1,500 U	1,500 U	9,600	1,500 U	7,600	1,500 U
S343	8/4/2000	30 - 100	D2	SF0167	75 U	75 U	7,600	82	5,600	75 U
S343	8/4/2000	100 - 200		SB0040	280 U	280 U	3,300	280 U	3,900	280 U
S344	8/10/2000	0 - 15		SF0111_T	3,800 U	3,800 U	32,000	37,000	170,000	3,800 U
S344	7/27/2000	15 - 30		SF0112	1,200 U	1,200 U	20,000	2,500	56,000 J	1,200 U
S344	7/27/2000	30 - 100	D1	SB0019	70 UJ	410 J	990 J	70 UJ	1,400 J	70 UJ

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Dibenz(a,h) anthracene (µg/kg-dw)	Dibenzofuran (µg/kg-dw)	1,2-Dichlorobenzene (µg/kg-dw)	1,3-Dichlorobenzene (µg/kg-dw)	1,4-Dichlorobenzene (µg/kg-dw)	3,3-Dichlorobenzidine (µg/kg-dw)
S344	7/27/2000	30 - 100	D2	SB0070	66 UJ	160 J	1,500 J	66 UJ	2,800 J	66 UJ
S344	7/27/2000	100 - 200		SB0020	93 UJ	610 J	6,000 J	180 J	7,600 J	93 UJ
S345	8/4/2000	0 - 15		SF0136	790 U	790 U	810	790 U	2,100	790 U
S345	8/4/2000	15 - 30		SF0137	110 U	530	1,800	110 U	4,600	110 U
S345	8/4/2000	30 - 100		SB0043	1,900 U	1,900 U	4,900	1,900 U	6,600	1,900 U
S345	8/4/2000	100 - 200		SB0044	730 U	730 U	7,200	730 U	9,000	730 U
S346	8/4/2000	0 - 15		SF0138	270 U	270 U	820	270 U	1,500	270 U
S346	8/4/2000	15 - 30		SF0139	360 U	360 U	990	360 U	1,600	360 U
S346	8/4/2000	30 - 160		SB0045	690 U	690 U	2,800	690 U	3,100	690 U
S346	8/4/2000	160 - 200		SB0046	3,000 U	21,000	3,000 U	3,000 U	3,000 U	3,000 U
S347	8/4/2000	0 - 15		SF0140	540 U	540 U	19,000	540 U	31,000	540 U
S347	8/4/2000	15 - 30		SF0141	460 U	460 U	8,500	460 U	14,000	460 U
S347	8/4/2000	30 - 100		SB0047	85 UJ	210 J	1,900 J	85 UJ	3,300 J	85 UJ
S347	8/4/2000	100 - 200		SB0048	86 UJ	86 UJ	86 UJ	86 UJ	86 UJ	86 UJ
S348	8/5/2000	0 - 15		SF0142	980 U	980 U	2,100	980 U	6,100	980 U
S348	8/5/2000	15 - 30		SF0143	2,500 U	2,500 U	4,700 J	2,500 U	11,000 J	2,500 UJ
S348	8/5/2000	30 - 110		SB0049	1,000 U	1,000 U	1,000 U	1,000 U	1,400	1,000 U
S348	8/5/2000	110 - 200		SB0050	630 U	950	1,300	630 U	1,700	630 U
S349	8/5/2000	0 - 15		SF0144	340 U	340 U	340 U	340 U	610	340 U
S349	8/5/2000	15 - 30		SF0145	2,300 U	2,300 U	2,300 U	2,300 U	2,300 U	2,300 U
S349	8/5/2000	30 - 100		SB0051	790 U	790 U	790 U	790 U	790 U	790 U
S349	8/5/2000	100 - 200		SB0052	84 U	84 U	84 U	84 U	84 U	84 UJ
S350	8/5/2000	0 - 15		SF0146	88 U	710	2,400	88 U	2,800	88 U
S350	8/5/2000	15 - 30		SF0147	78 U	520	2,900	78 U	3,300	78 U
S350	8/5/2000	30 - 92		SB0053	1,800 U	1,800 U	1,900	1,800 U	2,400	1,800 UJ
S350	8/5/2000	92 - 200	D1	SB0054	790	2,100	860	680 U	1,500	680 UJ
S350	8/5/2000	92 - 200	D2	SB0067	680 U	1,500	730	680 U	1,200	680 UJ
S351	8/15/2000	0 - 2		SF0173	72 UJ	72 UJ	72 UJ	72 UJ	72 UJ	72 UJ
S351	8/5/2000	0 - 15		SF0149	790	1,700	3,800	710	7,100	180 UJ
S351	8/5/2000	15 - 30		SF0150	380	1,200	850	150	1,700	98 U
S351	8/5/2000	30 - 100		SB0055	2,600 U	23,000	2,600 U	4,200	13,000	2,600 UJ

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Dibenz(a,h) anthracene (µg/kg-dw)	Dibenzofuran (µg/kg-dw)	1,2-Dichlorobenzene (µg/kg-dw)	1,3-Dichlorobenzene (µg/kg-dw)	1,4-Dichlorobenzene (µg/kg-dw)	3,3-Dichlorobenzidine (µg/kg-dw)
S351	8/5/2000	100 - 200		SB0056	3,000 U	17,000	3,000 U	3,000 U	3,000 U	3,000 UJ
S352	8/10/2000	0 - 15		SF0151	1,400 J	7,800 J	1,000 J	1,500 J	7,100 J	600 UJ
S352	8/10/2000	15 - 30		SF0152	1,400	6,200	1,200 U	2,900	11,000	1,200 U
S352	8/10/2000	30 - 100		SB0057	540 J	280 UJ	280 UJ	730 J	3,300 J	280 UJ
S352	8/10/2000	100 - 200		SB0058	61 UJ	61 UJ	61 UJ	61 UJ	61 UJ	61 UJ
S353	7/27/2000	0 - 15		SF0113	2,400 J	690	850	540 U	2,200 J	540 U
S353	7/27/2000	15 - 30		SF0114	1,700 J	,200	410	180 U	1,100 J	180 U
S353	7/27/2000	30 - 100		SB0021	160 J	68 J	50 UJ	50 UJ	50 UJ	50 UJ
S353	7/27/2000	100 - 200		SB0022	59 U	59 U	59 U	59 U	59 U	59 U
S354	8/10/2000	0 - 15		SF0155	130 UJ	130 UJ	130 UJ	130 UJ	170 J	130 UJ
S354	8/13/2000	15 - 30		SF0156	2,100 U	2,100 U	2,100 U	3,500	13,000	2,100 U
S354	8/13/2000	30 - 100		SB0061	330	260	120 U	120 U	120 U	120 U
S354	8/13/2000	100 - 200	D1	SB0062	92 U	180	92 U	510	1,600	92 U
S354	8/13/2000	100 - 200	D2	SB0069	930 U	930 U	930 U	930 U	3,400	930 U
S355	8/10/2000	0 - 15		SF0157	220 J	140 UJ	140 UJ	140 UJ	160 J	140 UJ
S355	8/13/2000	15 - 30		SF0158	110 U	110 U	110 U	110 U	190	110 U
S355	8/13/2000	30 - 100		SB0035	2,900	740	570 U	570 U	570 U	570 U
S355	8/13/2000	100 - 200		SB0036	88 U	88 U	88 U	88 U	88 U	88 U
S434	8/9/2000	0 - 15		SF0170	55 U	55 U	55 U	55 U	55 U	55 U
S434	8/9/2000	15 - 30		SF0171	60 U	60 U	60 U	60 U	60 U	60 U
S434	8/9/2000	30 - 100		SB0100	58 U	58 U	58 U	58 U	58 U	58 U
S434	8/9/2000	100 - 200		SB0101	59 U	59 U	59 U	59 U	59 U	59 U
S435	8/9/2000	0 - 5		SF0172	230,000 U	230,000 U	230,000 U	230,000 U	230,000 U	230,000 U

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	2,4-Dichlorophenol (µg/kg-dw)	Diethyl phthalate (µg/kg-dw)	2,4-Dimethylphenol (µg/kg-dw)	Dimethyl phthalate (µg/kg-dw)	Di-n-butyl phthalate (µg/kg-dw)	2,4-Dinitrophenol (µg/kg-dw)	2,4-Dinitrotoluene (µg/kg-dw)
S324	7/13/2000	0 - 15		SF0092	400 U	77 U	400 U	77 U	43 J	2,000 U	400 U
S324	7/13/2000	15 - 30		SF0093	340 U	67 U	340 U	67 U	64 J	1,700 U	340 U
S324	7/13/2000	30 - 100	D1	SB0001	340 U	66 U	340 U	66 U	95	1,700 U	340 U
S324	7/13/2000	30 - 100	D2	SB0068	330 U	65 U	330 U	65 U	84 J	1,700 U	330 U
S324	7/13/2000	100 - 200		SB0002	480 UJ	94 UJ	480 UJ	94 UJ	83 J	2,400 UJ	480 UJ
S325	7/14/2000	0 - 2		SF0094	370 U	72 U	370 U	72 U	72 U	1,900 U	370 U
S325	7/14/2000	2 - 15		SF0095	370 U	72 UJ	370 U	72 UJ	41 J	1,900 U	370 UJ
S325	7/14/2000	15 - 30		SF0096	370 U	71 U	370 U	71 U	49 J	1,800 U	370 U
S325	7/14/2000	30 - 100		SB0003	660 U	130 U	660 U	130 U	130 U	3,300 U	660 U
S325	7/14/2000	100 - 200		SB0004	310 U	61 U	310 U	61 U	61 U	1,600 U	310 U
S326	7/14/2000	0 - 15		SF0097	400 U	78 U	400 U	78 U	78 U	2,000 U	400 U
S326	7/14/2000	15 - 30		SF0098	390 U	76 U	390 U	76 U	120	2,000 UJ	390 U
S326	7/14/2000	30 - 100		SB0005	430 U	84 U	430 U	84 U	84 U	2,200 U	430 U
S326	7/14/2000	100 - 200		SB0006	430 U	83 U	430 U	83 U	83 U	2,100 U	430 U
S327	8/5/2000	0 - 15		SF0099	4,600 U	890 U	4,600 U	890 U	890 U	23,000 U	4,600 U
S327	8/5/2000	15 - 30		SF0100	4,800 U	930 U	4,800 U	930 U	930 U	24,000 U	4,800 U
S327	8/5/2000	30 - 60		SB0007	4,800 U	940 U	4,800 U	940 U	940 U	24,000 U	4,800 U
S327	8/5/2000	60 - 140		SB0008	2,300 U	440 U	2,300 U	440 U	440 U	11,000 U	2,300 U
S327	8/5/2000	140 - 196		SF0148	3,100 U	600 U	3,100 U	600 U	600 U	15,000 U	3,100 U
S328	7/15/2000	0 - 15		SF0101	260 UJ	51 UJ	260 UJ	51 UJ	51 UJ	1,300 UJ	260 UJ
S328	7/15/2000	15 - 30		SF0102	300 U	58 U	300 U	58 U	58 U	1,500 UJ	300 U
S328	7/15/2000	30 - 100		SB0009	300 UJ	59 UJ	300 UJ	59 UJ	190 UJ	1,500 UJ	300 UJ
S328	7/15/2000	100 - 200		SB0010	280 UJ	55 UJ	280 UJ	55 UJ	55 UJ	1,400 UJ	280 UJ
S329	7/16/2000	0 - 15		SF0103	320 UJ	61 UJ	320 UJ	61 UJ	49 J	1,600 UJ	320 UJ
S329	7/16/2000	15 - 30		SF0104	300 UJ	58 UJ	300 UJ	58 UJ	58 UJ	1,500 UJ	300 UJ
S329	7/16/2000	30 - 100		SB0011	310 UJ	59 UJ	310 UJ	59 UJ	59 UJ	1,500 UJ	310 UJ
S329	7/16/2000	100 - 200		SB0012	290 UJ	56 UJ	290 UJ	56 UJ	29 J	1,500 UJ	290 UJ
S330	7/16/2000	0 - 15		SF0105	280 UJ	55 U	280 UJ	55 U	55 U	1,400 UJ	280 U
S330	7/16/2000	15 - 30		SF0106	290 UJ	56 U	290 UJ	56 U	56 U	1,400 UJ	290 U
S330	7/16/2000	30 - 100		SB0013	290 UJ	56 U	290 UJ	56 U	46 J	1,400 UJ	290 U
S330	7/16/2000	100 - 200		SB0014	290 U	56 U	290 U	56 U	56 U	1,400 UJ	290 U

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	2,4-Dichlorophenol (µg/kg-dw)	Diethyl phthalate (µg/kg-dw)	2,4-Dimethylphenol (µg/kg-dw)	Dimethyl phthalate (µg/kg-dw)	Di-n-butyl phthalate (µg/kg-dw)	2,4-Dinitrophenol (µg/kg-dw)	2,4-Dinitrotoluene (µg/kg-dw)
S331	7/16/2000	0 - 15		SF0107	460 UJ	89 UJ	460 UJ	89 UJ	89 UJ	2,300 UJ	460 UJ
S331	7/16/2000	15 - 30		SF0108	580 UJ	110 U	580 UJ	110 U	110 U	2,900 UJ	580 U
S331	7/16/2000	30 - 100		SB0015	490 UJ	480 U	490 UJ	480 U	480 U	2,500 UJ	2,500 U
S331	7/16/2000	100 - 200		SB0016	12,000 U	2,300 U	12,000 U	2,300 U	2,300 U	58,000 UJ	12,000 U
S332	8/11/2000	0 - 15		SF0109	3,200 UJ	620 U	3,200 UJ	620 U	620 U	16,000 UJ	3,200 U
S332	8/10/2000	15 - 30		SF0110	3,500 UJ	690 U	3,500 UJ	690 U	690 U	18,000 UJ	3,500 U
S332	8/10/2000	30 - 100		SB0017	4,200 UJ	810 U	4,200 UJ	810 U	810 U	21,000 UJ	4,200 U
S332	8/10/2000	100 - 200		SB0018	3,700 UJ	720 U	3,700 UJ	720 U	720 U	19,000 UJ	3,700 U
S333	8/2/2000	0 - 15		SF0134	13,000 U	2,500 U	13,000 U	2,500 U	2,500 U	66,000 U	13,000 U
S333	8/2/2000	15 - 30		SF0135	16,000 U	3,200 U	16,000 U	3,200 U	3,200 U	82,000 U	16,000 U
S333	8/2/2000	30 - 100	D1	SB0041	270 UJ	53 UJ	270 UJ	53 UJ	53 UJ	1,400 UJ	270 UJ
S333	8/2/2000	30 - 100	D2	SB0066	270 U	53 U	270 U	53 U	53 U	1,400 U	270 U
S333	8/2/2000	100 - 193		SB0042	290 U	57 U	290 U	57 U	57 U	1,500 U	290 U
S334	8/2/2000	0 - 15		SF0153	880 U	170 U	880 U	170 U	170 U	4,400 U	880 U
S334	8/2/2000	15 - 30		SF0154	1,400 U	280 U	1,400 U	280 U	280 U	7,200 U	1,400 U
S334	8/2/2000	30 - 110		SB0059	7,300 U	1,400 U	7,300 U	1,400 U	1,400 U	37,000 U	7,300 U
S334	8/2/2000	110 - 200		SB0060	3,900 U	750 U	3,900 U	750 U	750 U	19,000 U	3,900 U
S335	8/2/2000	0 - 15		SF0115	1,700 U	340 U	1,700 U	340 U	340 U	8,700 U	1,700 U
S335	8/2/2000	15 - 30		SF0116	5,800 U	1,100 U	5,800 U	1,100 U	1,100 U	29,000 U	5,800 U
S335	8/2/2000	30 - 100		SB0023	1,300 U	260 U	1,300 U	260 U	260 U	6,600 U	1,300 U
S335	8/2/2000	100 - 190	D1	SB0024	320 U	63 U	320 U	63 U	63 U	1,600 U	320 U
S335	8/2/2000	100 - 190	D2	SB0065	320 UJ	62 UJ	320 UJ	62 UJ	62 UJ	1,600 UJ	320 UJ
S336	8/3/2000	0 - 15		SF0117	170 U	33 U	170 U	33 U	33 U	850 U	170 U
S336	8/3/2000	15 - 30		SF0118	170 U	33 U	170 U	33 U	33 U	850 U	170 U
S336	8/3/2000	30 - 100		SB0025	170 U	33 U	170 U	33 U	33 U	850 U	170 U
S336	8/3/2000	100 - 200		SB0026	170 U	33 U	170 U	33 U	33 U	850 U	170 U
S337	8/11/2000	0 - 15		SF0174	420 U	81 U	420 U	81 U	81 U	2,100 U	420 U
S337	8/3/2000	15 - 30		SF0120	170 U	33 U	170 U	33 U	33 U	850 U	170 U
S337	8/3/2000	30 - 100		SB0027	170 U	33 U	170 U	33 U	210	850 U	170 U
S337	8/3/2000	100 - 200		SB0028	170 U	1,800	170 UJ	33 U	170	850 U	170 U
S338	8/3/2000	0 - 15		SF0121	170 U	33 U	170 U	33 U	33 U	850 U	170 U

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	2,4-Dichlorophenol (µg/kg-dw)	Diethyl phthalate (µg/kg-dw)	2,4-Dimethylphenol (µg/kg-dw)	Dimethyl phthalate (µg/kg-dw)	Di-n-butyl phthalate (µg/kg-dw)	2,4-Dinitrophenol (µg/kg-dw)	2,4-Dinitrotoluene (µg/kg-dw)
S338	8/3/2000	15 - 30		SF0122	170 U	33 U	170 U	33 U	33 U	850 U	170 U
S338	8/3/2000	30 - 130		SB0029	170 U	33 U	170 UJ	33 U	33 U	850 U	170 U
S338	8/3/2000	130 - 200		SB0030	170 U	33 U	170 U	33 U	33 U	850 U	170 U
S339	8/3/2000	0 - 15		SF0124	170 U	33 U	170 U	33 U	33 U	850 U	170 U
S339	8/3/2000	15 - 30		SF0125	170 U	33 U	170 U	33 U	33 U	850 U	170 U
S339	8/3/2000	30 - 100		SB0031	170 U	33 U	170 U	33 U	33 U	850 UJ	170 U
S339	8/3/2000	100 - 168		SB0032	170 U	33 U	170 U	33 U	33 U	850 U	170 U
S339	8/3/2000	168 - 200		SF0123_E	170 U	33 U	170 U	33 U	33 U	850 U	170 U
S340	8/15/2000	0 - 2	D1	SF0123	350 UJ	67 UJ	350 UJ	67 UJ	67 UJ	1,700 UJ	350 UJ
S340	8/15/2000	0 - 2	D2	SF0123_R	3,400 UJ	660 UJ	3,400 UJ	660 UJ	660 UJ	17,000 UJ	3,400 UJ
S340	8/3/2000	0 - 15		SF0126	170 U	33 U	170 U	33 U	33 U	850 UJ	170 U
S340	8/3/2000	15 - 30		SF0127	170 U	33 U	170 U	33 U	33 U	850 U	170 U
S340	8/3/2000	30 - 100		SB0033	170 U	33 U	170 U	33 U	33 U	850 U	170 U
S340	8/3/2000	100 - 200		SB0034	170 U	33 U	170 U	33 U	33 U	850 U	170 U
S341	8/4/2000	0 - 15		SF0128	310 U	61 U	310 U	61 U	61 U	1,600 UJ	310 U
S341	8/4/2000	15 - 30		SF0129	440 UJ	86 UJ	440 UJ	86 UJ	86 UJ	2,200 UJ	440 UJ
S341	8/4/2000	30 - 85		SB0063	6,600 U	1,300 U	6,600 U	1,300 U	1,300 U	33,000 U	6,600 U
S341	8/4/2000	85 - 160		SB0064	3,100 UJ	610 U	3,100 UJ	610 U	610 U	16,000 UJ	3,100 U
S341	8/4/2000	160 - 200		SF0119	19,000 U	3,700 U	19,000 U	3,700 U	3,700 U	100,000 U	19,000 U
S342	8/10/2000	0 - 15		SF0130_T	3,000 UJ	580 U	3,000 UJ	580 U	580 U	15,000 UJ	3,000 U
S342	7/27/2000	15 - 30		SF0131	380 U	74 U	380 U	74 U	74 U	1,900 U	380 U
S342	7/27/2000	30 - 100		SB0037	380 UJ	73 UJ	380 UJ	73 UJ	73 UJ	1,900 UJ	380 UJ
S342	7/27/2000	100 - 200		SB0038	2,000 U	390 U	2,000 U	390 U	390 U	9,900 U	2,000 U
S343	8/4/2000	0 - 15		SF0132	5,700 U	1,100 U	5,700 U	1,100 U	1,100 U	29,000 U	5,700 U
S343	8/4/2000	15 - 30		SF0133	330 U	64 U	330 U	64 U	79	1,700 UJ	330 U
S343	8/4/2000	30 - 100	D1	SB0039	7,700 U	1,500 U	7,700 U	1,500 U	1,500 U	39,000 U	7,700 U
S343	8/4/2000	30 - 100	D2	SF0167	390 UJ	75 U	390 UJ	75 U	75 U	1,900 UJ	390 U
S343	8/4/2000	100 - 200		SB0040	1,400 UJ	280 U	1,400 UJ	280 U	280 U	7,200 UJ	1,400 U
S344	8/10/2000	0 - 15		SF0111_T	20,000 U	3,800 U	20,000 U	3,800 U	3,800 U	100,000 UJ	20,000 U
S344	7/27/2000	15 - 30		SF0112	6,300 U	1,200 U	6,300 U	1,200 U	1,200 U	32,000 UJ	6,300 U
S344	7/27/2000	30 - 100	D1	SB0019	360 UJ	70 UJ	360 UJ	70 UJ	70 UJ	1,800 UJ	360 UJ

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	2,4-Dichlorophenol (µg/kg-dw)	Diethyl phthalate (µg/kg-dw)	2,4-Dimethylphenol (µg/kg-dw)	Dimethyl phthalate (µg/kg-dw)	Di-n-butyl phthalate (µg/kg-dw)	2,4-Dinitrophenol (µg/kg-dw)	2,4-Dinitrotoluene (µg/kg-dw)
S344	7/27/2000	30 - 100	D2	SB0070	340 UJ	66 UJ	340 UJ	66 UJ	66 UJ	1,700 UJ	340 UJ
S344	7/27/2000	100 - 200		SB0020	480 UJ	93 UJ	480 UJ	93 UJ	93 UJ	2,400 UJ	480 UJ
S345	8/4/2000	0 - 15		SF0136	4,100 UJ	790 U	4,100 UJ	790 U	790 U	20,000 UJ	4,100 U
S345	8/4/2000	15 - 30		SF0137	540 UJ	110 U	540 UJ	110 U	110 U	2,700 UJ	540 U
S345	8/4/2000	30 - 100		SB0043	9,600 U	1,900 U	9,600 U	1,900 U	1,900 U	48,000 U	9,600 U
S345	8/4/2000	100 - 200		SB0044	3,800 UJ	730 U	3,800 UJ	730 U	730 U	19,000 UJ	3,800 U
S346	8/4/2000	0 - 15		SF0138	1,400 U	270 U	1,400 U	270 U	270 U	6,900 U	1,400 U
S346	8/4/2000	15 - 30		SF0139	1,800 UJ	360 U	1,800 UJ	360 U	360 U	9,200 UJ	1,800 U
S346	8/4/2000	30 - 160		SB0045	3,600 UJ	690 U	3,600 UJ	690 U	690 U	18,000 UJ	3,600 U
S346	8/4/2000	160 - 200		SB0046	16,000 U	3,000 U	16,000 U	3,000 U	3,000 U	78,000 U	16,000 U
S347	8/4/2000	0 - 15		SF0140	2,800 UJ	540 U	2,800 UJ	540 U	540 U	14,000 UJ	2,800 U
S347	8/4/2000	15 - 30		SF0141	2,400 UJ	460 U	2,400 UJ	460 U	460 U	12,000 UJ	2,400 U
S347	8/4/2000	30 - 100		SB0047	440 UJ	85 UJ	440 UJ	85 UJ	85 UJ	2,200 UJ	440 UJ
S347	8/4/2000	100 - 200		SB0048	440 UJ	86 UJ	440 UJ	86 UJ	86 UJ	2,200 UJ	440 UJ
S348	8/5/2000	0 - 15		SF0142	5,100 U	980 U	5,100 U	980 U	980 U	25,000 U	5,100 U
S348	8/5/2000	15 - 30		SF0143	13,000 U	2,500 U	13,000 U	2,500 U	2,500 U	64,000 U	13,000 U
S348	8/5/2000	30 - 110		SB0049	5,300 U	1,000 U	5,300 U	1,000 U	1,000 U	26,000 UJ	5,300 U
S348	8/5/2000	110 - 200		SB0050	3,300 U	630 U	3,300 U	630 U	630 U	16,000 U	3,300 U
S349	8/5/2000	0 - 15		SF0144	1,700 U	340 U	990	340 U	340 U	8,700 U	1,700 U
S349	8/5/2000	15 - 30		SF0145	12,000 U	2,300 U	12,000 U	2,300 U	2,300 U	59,000 U	12,000 U
S349	8/5/2000	30 - 100		SB0051	4,100 U	790 U	1,600 U	790 U	790 U	20,000 U	4,100 U
S349	8/5/2000	100 - 200		SB0052	430 U	84 U	1,600	84 U	84 U	2,200 U	430 U
S350	8/5/2000	0 - 15		SF0146	450 U	88 U	450 U	88 U	88 U	2,300 U	450 U
S350	8/5/2000	15 - 30		SF0147	400 U	78 U	400 U	78 U	78 U	2,000 U	400 U
S350	8/5/2000	30 - 92		SB0053	9,000 U	1,800 U	9,000 U	1,800 U	1,800 U	45,000 U	9,000 U
S350	8/5/2000	92 - 200	D1	SB0054	3,500 U	680 U	3,500 U	680 U	680 U	18,000 U	3,500 U
S350	8/5/2000	92 - 200	D2	SB0067	3,500 U	680 U	3,500 U	680 U	680 U	18,000 U	3,500 U
S351	8/15/2000	0 - 2		SF0173	370 UJ	72 UJ	370 UJ	72 UJ	72 UJ	1,800 UJ	370 UJ
S351	8/5/2000	0 - 15		SF0149	920 U	180 U	920 U	180 U	180 U	4,600 U	920 U
S351	8/5/2000	15 - 30		SF0150	500 U	98 U	500 U	98 U	98 U	2,500 U	500 U
S351	8/5/2000	30 - 100		SB0055	13,000 U	2,600 U	13,000 U	2,600 U	2,600 U	67,000 U	13,000 U

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	2,4-Dichlorophenol (µg/kg-dw)	Diethyl phthalate (µg/kg-dw)	2,4-Dimethylphenol (µg/kg-dw)	Dimethyl phthalate (µg/kg-dw)	Di-n-butyl phthalate (µg/kg-dw)	2,4-Dinitrophenol (µg/kg-dw)	2,4-Dinitrotoluene (µg/kg-dw)
S351	8/5/2000	100 - 200		SB0056	15,000 U	3,000 U	15,000 U	3,000 U	3,000 U	77,000 U	15,000 U
S352	8/10/2000	0 - 15		SF0151	3,100 UJ	600 UJ	3,100 UJ	600 UJ	600 UJ	15,000 UJ	3,100 UJ
S352	8/10/2000	15 - 30		SF0152	6,000 U	1,200 U	6,000 U	1,200 U	1,200 U	30,000 UJ	6,000 U
S352	8/10/2000	30 - 100		SB0057	1,400 UJ	280 UJ	1,400 UJ	280 UJ	280 UJ	7,200 UJ	1,400 UJ
S352	8/10/2000	100 - 200		SB0058	310 UJ	61 UJ	310 UJ	61 UJ	61 UJ	1,600 UJ	310 UJ
S353	7/27/2000	0 - 15		SF0113	2,800 U	540 U	2,800 U	540 U	540 U	14,000 U	2,800 U
S353	7/27/2000	15 - 30		SF0114	940 U	180 U	940 U	180 U	180 U	4,700 UJ	940 U
S353	7/27/2000	30 - 100		SB0021	260 UJ	50 UJ	260 UJ	50 UJ	50 UJ	1,300 UJ	260 UJ
S353	7/27/2000	100 - 200		SB0022	300 UJ	59 U	300 UJ	59 U	71 U	1,500 UJ	300 U
S354	8/10/2000	0 - 15		SF0155	670 UJ	130 UJ	670 UJ	130 UJ	130 UJ	3,300 UJ	670 UJ
S354	8/13/2000	15 - 30		SF0156	11,000 U	2,100 U	11,000 U	2,100 U	2,100 U	54,000 U	11,000 U
S354	8/13/2000	30 - 100		SB0061	620 U	120 U	620 U	120 U	120 U	3,100 U	620 U
S354	8/13/2000	100 - 200	D1	SB0062	480 U	92 U	480 U	92 U	92 U	2,400 U	480 U
S354	8/13/2000	100 - 200	D2	SB0069	4,800 U	930 U	4,800 U	930 U	930 U	24,000 U	4,800 U
S355	8/10/2000	0 - 15		SF0157	710 UJ	140 UJ	710 UJ	140 UJ	160 J	3,600 UJ	710 UJ
S355	8/13/2000	15 - 30		SF0158	560 U	110 U	560 U	110 U	110 U	2,800 U	560 U
S355	8/13/2000	30 - 100		SB0035	3,000 U	570 U	3,000 U	570 U	570 U	15,000 U	3,000 U
S355	8/13/2000	100 - 200		SB0036	450 U	88 U	450 U	88 U	180	2,300 U	450 U
S434	8/9/2000	0 - 15		SF0170	280 U	55 U	280 U	55 U	55 U	1,400 UJ	280 U
S434	8/9/2000	15 - 30		SF0171	310 U	60 U	310 U	60 U	60 U	1,600 UJ	310 U
S434	8/9/2000	30 - 100		SB0100	300 U	58 U	300 U	58 U	58 U	1,500 UJ	300 U
S434	8/9/2000	100 - 200		SB0101	300 U	59 U	300 U	59 U	59 U	1,500 UJ	300 U
S435	8/9/2000	0 - 5		SF0172	1200,000 U	230,000 U	1200,000 U	230,000 U	230,000 U	6,000,000 UJ	1,200,000 U

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	2,6-Dinitrotoluene (µg/kg-dw)	Di-n-octyl phthalate (µg/kg-dw)	Fluoranthene (µg/kg-dw)	Fluorene (µg/kg-dw)	Hexachloro-benzene (µg/kg-dw)	Hexachlorobenzene (GC/ECD) (µg/kg-dw)	Hexachloro-butadiene (µg/kg-dw)
S324	7/13/2000	0 - 15		SF0092	400 U	77 U	58 J	77 U	77 U	1 UJ	77 U
S324	7/13/2000	15 - 30		SF0093	340 U	67 U	100	67 U	67 U	1 UJ	67 U
S324	7/13/2000	30 - 100	D1	SB0001	340 U	66 U	200	66 U	66 U	3.36 J	66 U
S324	7/13/2000	30 - 100	D2	SB0068	330 U	65 U	310	65 U	65 U	1.04 J	65 U
S324	7/13/2000	100 - 200		SB0002	480 UJ	94 UJ	94 UJ	94 UJ	94 UJ	1 UJ	94 UJ
S325	7/14/2000	0 - 2		SF0094	370 U	72 U	340	72 U	72 U	2.08 J	72 U
S325	7/14/2000	2 - 15		SF0095	370 UJ	72 UJ	150 J	72 UJ	72 UJ	2.06	72 UJ
S325	7/14/2000	15 - 30		SF0096	370 U	71 U	870	51 J	71 U	1.96 J	71 U
S325	7/14/2000	30 - 100		SB0003	660 U	130 U	8,400	6,300	130 U	1.13 J	130 U
S325	7/14/2000	100 - 200		SB0004	310 U	61 U	1,300	160	61 U	3.44 J	61 U
S326	7/14/2000	0 - 15		SF0097	400 U	78 U	390	78 U	78 U	1.75 J	78 U
S326	7/14/2000	15 - 30		SF0098	390 U	76 U	340	76 U	76 U	1.16 J	76 U
S326	7/14/2000	30 - 100		SB0005	430 U	84 U	750	85	84 U	1 U	84 U
S326	7/14/2000	100 - 200		SB0006	430 U	83 U	1,700	260	83 U	1 U	83 U
S327	8/5/2000	0 - 15		SF0099	4,600 U	890 U	1,000	890 U	890 U	1.09 U	890 U
S327	8/5/2000	15 - 30		SF0100	4,800 U	930 U	1,800	930 U	930 U	2.59	930 U
S327	8/5/2000	30 - 60		SB0007	4,800 U	940 U	2,400	940 U	940 U	2.72 J	940 U
S327	8/5/2000	60 - 140		SB0008	2,300 U	440 U	580	440 U	440 U	2.17	440 U
S327	8/5/2000	140 - 196		SF0148	3,100 U	600 U	2,900	600 U	600 U	40.9	600 U
S328	7/15/2000	0 - 15		SF0101	260 UJ	51 UJ	97 J	51 UJ	51 UJ	1.1 J	51 UJ
S328	7/15/2000	15 - 30		SF0102	300 U	58 U	58 U	58 U	58 U	1 U	58 U
S328	7/15/2000	30 - 100		SB0009	300 UJ	59 UJ	59 UJ	59 UJ	59 UJ	1 U	59 UJ
S328	7/15/2000	100 - 200		SB0010	280 UJ	55 UJ	55 UJ	55 UJ	55 UJ	1 U	55 UJ
S329	7/16/2000	0 - 15		SF0103	320 UJ	61 UJ	61 UJ	61 UJ	61 UJ	1 UJ	61 UJ
S329	7/16/2000	15 - 30		SF0104	300 UJ	58 UJ	58 UJ	58 UJ	58 UJ	1 UJ	58 UJ
S329	7/16/2000	30 - 100		SB0011	310 UJ	59 UJ	59 UJ	59 UJ	59 UJ	1 U	59 UJ
S329	7/16/2000	100 - 200		SB0012	290 UJ	56 UJ	56 UJ	56 UJ	56 UJ	1 U	56 UJ
S330	7/16/2000	0 - 15		SF0105	280 U	55 U	55 U	55 U	55 U	1 UJ	55 U
S330	7/16/2000	15 - 30		SF0106	290 U	56 U	56 U	56 U	56 U	1 UJ	56 U
S330	7/16/2000	30 - 100		SB0013	290 U	56 U	56 U	56 U	56 U	1 U	56 UJ
S330	7/16/2000	100 - 200		SB0014	290 U	56 U	56 U	56 U	56 U	1 U	56 U

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	2,6-Dinitrotoluene (µg/kg-dw)	Di-n-octyl phthalate (µg/kg-dw)	Fluoranthene (µg/kg-dw)	Fluorene (µg/kg-dw)	Hexachloro-benzene (µg/kg-dw)	Hexachlorobenzene (GC/ECD) (µg/kg-dw)	Hexachloro-butadiene (µg/kg-dw)
S331	7/16/2000	0 - 15		SF0107	460 UJ	89 UJ	240 J	58 J	89 UJ	2 J	89 UJ
S331	7/16/2000	15 - 30		SF0108	580 U	110 U	1,000	84 J	110 U	4 J	110 U
S331	7/16/2000	30 - 100		SB0015	2,500 U	480 U	1,700	670	480 U	15.7 J	480 U
S331	7/16/2000	100 - 200		SB0016	12,000 U	2,300 U	11,000	5,500	2,300 U	52 J	2,300 U
S332	8/11/2000	0 - 15		SF0109	3,200 U	620 U	1,800	1,700	620 U	70 J	620 U
S332	8/10/2000	15 - 30		SF0110	3,500 U	690 U	23,000	13,000	690 U	271 J	690 U
S332	8/10/2000	30 - 100		SB0017	4,200 U	810 U	19,000	13,000	810 U	179 J	810 U
S332	8/10/2000	100 - 200		SB0018	3,700 U	720 U	23,000	13,000	720 U	186 J	720 U
S333	8/2/2000	0 - 15		SF0134	13,000 U	2,500 U	20,000	18,000	2,500 U	3.94 J	2,500 U
S333	8/2/2000	15 - 30		SF0135	16,000 U	3,200 U	31,000	42,000	3,200 U	1.49 R	3,200 U
S333	8/2/2000	30 - 100	D1	SB0041	270 UJ	53 UJ	190 J	53 UJ	53 UJ	1.02 UR	53 UJ
S333	8/2/2000	30 - 100	D2	SB0066	270 U	53 U	150	53 U	53 U	1.03 UR	53 U
S333	8/2/2000	100 - 193		SB0042	290 U	57 U	57 U	57 U	57 U	1.11 UR	57 U
S334	8/2/2000	0 - 15		SF0153	880 U	170 U	12,000	2,500	170 U	4.95 J	170 U
S334	8/2/2000	15 - 30		SF0154	1,400 U	280 U	13,000	4,000	280 U	7.49 J	280 U
S334	8/2/2000	30 - 110		SB0059	7,300 U	1,400 U	58,000	19,000	1,400 U	33.7 J	1,400 U
S334	8/2/2000	110 - 200		SB0060	3,900 U	750 U	15,000	11,000	750 U	13.5 J	750 U
S335	8/2/2000	0 - 15		SF0115	1,700 U	340 U	4,600	1,400	340 U	42.9 J	340 U
S335	8/2/2000	15 - 30		SF0116	5,800 U	1,100 U	11,000	3,700	1,100 U	91.1 J	1,100 U
S335	8/2/2000	30 - 100		SB0023	1,300 U	260 U	2,100	490	260 U	1.04 UR	260 U
S335	8/2/2000	100 - 190	D1	SB0024	320 U	63 U	63 U	63 U	63 U	1.05 UR	63 U
S335	8/2/2000	100 - 190	D2	SB0065	320 UJ	62 UJ	62 UJ	62 UJ	62 UJ	1.02 UR	62 UJ
S336	8/3/2000	0 - 15		SF0117	170 U	33 U	980	33 U	33 U	1.19 J	33 U
S336	8/3/2000	15 - 30		SF0118	170 U	33 U	2,600	33 U	33 U	3.46 J	33 U
S336	8/3/2000	30 - 100		SB0025	170 U	33 U	4,200	790	33 U	1.02 UR	33 U
S336	8/3/2000	100 - 200		SB0026	170 U	33 U	6,300	1,500	33 U	1.71 J	33 U
S337	8/11/2000	0 - 15		SF0174	420 U	81 U	760	81 U	81 U	1.96 J	81 U
S337	8/3/2000	15 - 30		SF0120	170 U	33 U	1,300	140	33 U	1.4 J	33 U
S337	8/3/2000	30 - 100		SB0027	170 U	33 U	3,000	750	33 U	1.04 UR	33 U
S337	8/3/2000	100 - 200		SB0028	170 U	33 U	2,600	190	33 U	1.62 J	33 U
S338	8/3/2000	0 - 15		SF0121	170 U	33 U	1,700	330	33 U	10.8	33 U

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	2,6-Dinitrotoluene (µg/kg-dw)	Di-n-octyl phthalate (µg/kg-dw)	Fluoranthene (µg/kg-dw)	Fluorene (µg/kg-dw)	Hexachloro-benzene (µg/kg-dw)	Hexachlorobenzene (GC/ECD) (µg/kg-dw)	Hexachloro-butadiene (µg/kg-dw)
S338	8/3/2000	15 - 30		SF0122	170 U	33 U	3,700	560	33 U	8.16 J	33 U
S338	8/3/2000	30 - 130		SB0029	170 U	33 U	290	92	33 U	2.17 J	33 U
S338	8/3/2000	130 - 200		SB0030	170 U	33 U	4,100	1,800	33 U	1.09 UR	33 U
S339	8/3/2000	0 - 15		SF0124	170 U	33 U	5,500	880	33 U	2.6 J	33 U
S339	8/3/2000	15 - 30		SF0125	170 U	33 U	9,400	2,600	33 U	6.4 J	33 U
S339	8/3/2000	30 - 100		SB0031	170 U	33 U	12,000	7,400	33 U	24.4	33 U
S339	8/3/2000	100 - 168		SB0032	170 U	33 U	28,000	10,000	33 U	1.03 U	33 U
S339	8/3/2000	168 - 200		SF0123_E	170 U	33 U	5,000	1,700	33 U	1.08 U	33 U
S340	8/15/2000	0 - 2	D1	SF0123	350 UJ	67 UJ	260 J	390 J	67 UJ	18.8 J	67 UJ
S340	8/15/2000	0 - 2	D2	SF0123_R	3,400 UJ	660 UJ	660 UJ	660 UJ	660 UJ	8.23 J	660 UJ
S340	8/3/2000	0 - 15		SF0126	170 U	33 U	3,100	,900	33 U	143	33 U
S340	8/3/2000	15 - 30		SF0127	170 U	33 U	490	410	33 U	48.5 J	33 U
S340	8/3/2000	30 - 100		SB0033	170 U	33 U	6,400	4,700	33 U	26.5 J	33 U
S340	8/3/2000	100 - 200		SB0034	170 U	33 U	11,000	8,200	33 U	1.02 U	33 U
S341	8/4/2000	0 - 15		SF0128	310 U	61 U	1,500	420	61 U	24 J	61 U
S341	8/4/2000	15 - 30		SF0129	440 UJ	86 UJ	290 J	86 UJ	86 UJ	26.9 J	86 UJ
S341	8/4/2000	30 - 85		SB0063	6,600 U	1,300 U	1,300 U	1,300 U	1,300 U	19 J	1,300 U
S341	8/4/2000	85 - 160		SB0064	3,100 U	610 U	13,000	10,000	610 U	2.5 R	610 U
S341	8/4/2000	160 - 200		SF0119	19,000 U	3,700 U	6,900	9,000	3,700 U	1.02 U	3,700 U
S342	8/10/2000	0 - 15		SF0130_T	3,000 U	580 U	580 U	580 U	580 U	26.6 J	580 U
S342	7/27/2000	15 - 30		SF0131	380 U	74 U	710	400	74 U	699	74 U
S342	7/27/2000	30 - 100		SB0037	380 UJ	73 UJ	1,400 J	550 J	73 UJ	141	73 UJ
S342	7/27/2000	100 - 200		SB0038	2,000 U	390 U	1,700	1,600	390 U	88.2 J	390 U
S343	8/4/2000	0 - 15		SF0132	5,700 U	1,100 U	1,100 U	1,200	1,100 U	35.3 J	1,100 U
S343	8/4/2000	15 - 30		SF0133	330 U	64 U	1,300	610	64 U	151 J	64 U
S343	8/4/2000	30 - 100	D1	SB0039	7,700 U	1,500 U	1,500 U	1,500 U	1,500 U	188 J	1,500 U
S343	8/4/2000	30 - 100	D2	SF0167	390 U	75 U	550	490	75 U	186 J	75 U
S343	8/4/2000	100 - 200		SB0040	1,400 U	280 U	1,200	280 U	280 U	141 J	280 U
S344	8/10/2000	0 - 15		SF0111_T	20,000 U	3,800 U	3,800 U	3,800 U	3,800 U	255 R	3,800 U
S344	7/27/2000	15 - 30		SF0112	6,300 U	1,200 U	1,300	1,200 U	1,200 U	1190	1,200 U
S344	7/27/2000	30 - 100	D1	SB0019	360 UJ	70 UJ	400 J	410 J	70 UJ	981	70 UJ

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	2,6-Dinitrotoluene (µg/kg-dw)	Di-n-octyl phthalate (µg/kg-dw)	Fluoranthene (µg/kg-dw)	Fluorene (µg/kg-dw)	Hexachloro-benzene (µg/kg-dw)	Hexachlorobenzene (GC/ECD) (µg/kg-dw)	Hexachloro-butadiene (µg/kg-dw)
S344	7/27/2000	30 - 100	D2	SB0070	340 UJ	66 UJ	260 J	180 J	66 UJ	769	66 UJ
S344	7/27/2000	100 - 200		SB0020	480 UJ	93 UJ	1,600 J	690 J	93 UJ	36.2 J	93 UJ
S345	8/4/2000	0 - 15		SF0136	4,100 U	790 U	790 U	790 U	790 U	3.05 R	790 U
S345	8/4/2000	15 - 30		SF0137	540 U	110 U	570	460 J	110 U	17.6	110 U
S345	8/4/2000	30 - 100		SB0043	9,600 U	1,900 U	1,900 U	1,900 U	1,900 U	60	1,900 U
S345	8/4/2000	100 - 200		SB0044	3,800 U	730 U	1,300	1,100 J	730 U	42.6	730 U
S346	8/4/2000	0 - 15		SF0138	1,400 U	270 U	620	380 J	270 U	52.9 J	270 U
S346	8/4/2000	15 - 30		SF0139	1,800 U	360 U	940	500 J	360 U	64.6	360 U
S346	8/4/2000	30 - 160		SB0045	3,600 U	690 U	1,300	890 J	690 U	206 J	690 U
S346	8/4/2000	160 - 200		SB0046	16,000 U	3,000 U	31,000	27,000	3,000 U	81.4 J	3,000 U
S347	8/4/2000	0 - 15		SF0140	2,800 U	540 U	540 U	540 U	540 U	37.4	540 U
S347	8/4/2000	15 - 30		SF0141	2,400 U	460 U	460 U	460 U	460 U	34.9	460 U
S347	8/4/2000	30 - 100		SB0047	440 UJ	85 UJ	210 J	190 J	85 UJ	30.6	85 UJ
S347	8/4/2000	100 - 200		SB0048	440 UJ	86 UJ	86 UJ	86 UJ	86 UJ	3.02 R	86 UJ
S348	8/5/2000	0 - 15		SF0142	5,100 U	980 U	980 U	980 U	980 U		980 U
S348	8/5/2000	15 - 30		SF0143	13,000 U	2,500 UJ	3,300 J	2,500 U	2,500 U	5.67 J	2,500 U
S348	8/5/2000	30 - 110		SB0049	5,300 U	1,000 U	1,100	1,000 U	1,000 U	1.08 U	1,000 U
S348	8/5/2000	110 - 200		SB0050	3,300 U	630 U	3,300	1,100	630 U	22.2	630 U
S349	8/5/2000	0 - 15		SF0144	1,700 U	340 U	1,400	550	340 U	92.5	340 U
S349	8/5/2000	15 - 30		SF0145	12,000 U	2,300 U	4,900	2,300 U	2,300 U	8.32 R	2,300 U
S349	8/5/2000	30 - 100		SB0051	4,100 U	790 U	790 U	790 U	790 U		790 U
S349	8/5/2000	100 - 200		SB0052	430 U	84 UJ	260	84 U	84 U	1.1 U	84 U
S350	8/5/2000	0 - 15		SF0146	450 U	88 U	1,400	750	88 U	211 J	88 U
S350	8/5/2000	15 - 30		SF0147	400 U	78 U	970	470	78 U	60.4	78 U
S350	8/5/2000	30 - 92		SB0053	9,000 U	1,800 UJ	1,800 U	1,800 U	1,800 U	30.4	1,800 U
S350	8/5/2000	92 - 200	D1	SB0054	3,500 U	680 UJ	10,000	3,100	680 U	11.2 J	680 U
S350	8/5/2000	92 - 200	D2	SB0067	3,500 U	680 UJ	7,500	2,300	680 U	10.9 J	680 U
S351	8/15/2000	0 - 2		SF0173	370 UJ	72 UJ	72 UJ	72 UJ	72 UJ	124 J	72 UJ
S351	8/5/2000	0 - 15		SF0149	920 U	180 UJ	13,000	1,800	180 U	149	180 U
S351	8/5/2000	15 - 30		SF0150	500 U	98 U	4,900	1,700	98 U	88.8	98 U
S351	8/5/2000	30 - 100		SB0055	13,000 U	2,600 UJ	45,000	29,000	2,600 U	157 J	2,600 U

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	2,6-Dinitrotoluene (µg/kg-dw)	Di-n-octyl phthalate (µg/kg-dw)	Fluoranthene (µg/kg-dw)	Fluorene (µg/kg-dw)	Hexachloro-benzene (µg/kg-dw)	Hexachlorobenzene (GC/ECD) (µg/kg-dw)	Hexachloro-butadiene (µg/kg-dw)
S351	8/5/2000	100 - 200		SB0056	15,000 U	3,000 UJ	42,000	23,000	3,000 U	9.48	3,000 U
S352	8/10/2000	0 - 15		SF0151	3,100 UJ	600 UJ	32,000 J	12,000 J	600 UJ	194 J	600 UJ
S352	8/10/2000	15 - 30		SF0152	6,000 U	1,200 U	24,000	9,500	1,200 U	185 J	1,200 U
S352	8/10/2000	30 - 100		SB0057	1,400 UJ	280 UJ	8,900 J	280 UJ	280 UJ	5.41 J	280 UJ
S352	8/10/2000	100 - 200		SB0058	310 UJ	61 UJ	61 UJ	61 UJ	61 UJ	1.08 U	61 UJ
S353	7/27/2000	0 - 15		SF0113	2,800 U	540 U	17,000	1,200	540 U	117	540 U
S353	7/27/2000	15 - 30		SF0114	940 U	180 U	11,000	450	180 U	11.1	180 U
S353	7/27/2000	30 - 100		SB0021	260 UJ	50 UJ	1,700 J	250 J	50 UJ	1.02 U	50 UJ
S353	7/27/2000	100 - 200		SB0022	300 U	59 U	59 U	59 U	59 U	1.03 U	59 U
S354	8/10/2000	0 - 15		SF0155	670 UJ	130 UJ	830 J	130 UJ	130 UJ	7.41 J	130 UJ
S354	8/13/2000	15 - 30		SF0156	11,000 U	2,100 U	3,800	2,100 U	2,100 U	7.33 J	2,100 U
S354	8/13/2000	30 - 100		SB0061	620 U	120 U	6,200	1,100	120 U	52.8 J	120 U
S354	8/13/2000	100 - 200	D1	SB0062	480 U	92 U	2,800	320	92 U	45.1 J	92 U
S354	8/13/2000	100 - 200	D2	SB0069	4,800 U	930 U	980	930 U	930 U	33.1 J	930 U
S355	8/10/2000	0 - 15		SF0157	710 UJ	140 UJ	1,400 J	140 UJ	140 UJ	7.83 J	140 UJ
S355	8/13/2000	15 - 30		SF0158	560 U	110 U	,700	110 U	110 U	6.53 J	110 U
S355	8/13/2000	30 - 100		SB0035	3,000 U	570 U	35,000	4,900	570 U	8.75 J	570 U
S355	8/13/2000	100 - 200		SB0036	450 U	88 U	1,500	120	88 U	6.75	88 U
S434	8/9/2000	0 - 15		SF0170	280 U	55 U	170 J	55 U	55 U	1 U	55 U
S434	8/9/2000	15 - 30		SF0171	310 U	60 U	60 U	60 U	60 U	1.08 U	60 U
S434	8/9/2000	30 - 100		SB0100	300 U	58 U	58 U	58 U	58 U	1.06 U	58 U
S434	8/9/2000	100 - 200		SB0101	300 U	59 U	59 U	59 U	59 U	1.07 U	59 U
S435	8/9/2000	0 - 5		SF0172	1,200,000 U	230,000 U	230,000 U	230,000 U	230,000 U	1.08 U	230,000 U

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Hexachlorocyclo-pentadiene (µg/kg-dw)	Hexachloro-ethane (µg/kg-dw)	Indeno(1,2,3-cd)pyrene (µg/kg-dw)	Isophorone (µg/kg-dw)	2-Methyl-4,6-dinitrophenol (µg/kg-dw)	2-Methyl naphthalene (µg/kg-dw)	2-Methylphenol (µg/kg-dw)
S324	7/13/2000	0 - 15		SF0092	400 U	77 U	77 U	77 U	2,000 U	77 U	77 U
S324	7/13/2000	15 - 30		SF0093	340 U	67 U	39 J	67 U	1,700 U	67 U	40 J
S324	7/13/2000	30 - 100	D1	SB0001	340 U	66 U	47 J	66 U	1,700 U	47 J	45 J
S324	7/13/2000	30 - 100	D2	SB0068	330 U	65 U	68	65 U	1,700 U	75	65
S324	7/13/2000	100 - 200		SB0002	480 UJ	94 UJ	94 UJ	94 UJ	2,400 UJ	94 UJ	94 UJ
S325	7/14/2000	0 - 2		SF0094	370 U	72 U	130	72 UJ	1,900 U	72 U	72 U
S325	7/14/2000	2 - 15		SF0095	370 UJ	72 UJ	61 J	72 UJ	1,900 U	72 UJ	72 U
S325	7/14/2000	15 - 30		SF0096	370 U	71 U	260	71 UJ	1,800 U	71 U	71 U
S325	7/14/2000	30 - 100		SB0003	660 U	130 U	1,100	130 UJ	3,300 U	19,000	130 U
S325	7/14/2000	100 - 200		SB0004	310 U	61 U	280	61 UJ	1,600 U	260	61 U
S326	7/14/2000	0 - 15		SF0097	400 U	78 U	150	78 UJ	2,000 U	78 U	78 U
S326	7/14/2000	15 - 30		SF0098	390 U	76 U	130	76 UJ	2,000 U	76 U	76 U
S326	7/14/2000	30 - 100		SB0005	430 U	84 U	170	84 UJ	2,200 U	69 J	84 U
S326	7/14/2000	100 - 200		SB0006	430 U	83 U	290	83 UJ	2,100 U	280	83 U
S327	8/5/2000	0 - 15		SF0099	4,600 U	890 U	890 U	890 U	23,000 U	890 U	890 U
S327	8/5/2000	15 - 30		SF0100	4,800 U	930 U	930 U	930 U	24,000 U	930 U	930 U
S327	8/5/2000	30 - 60		SB0007	4,800 U	940 U	940 U	940 U	24,000 U	940 U	940 U
S327	8/5/2000	60 - 140		SB0008	2,300 U	440 U	440 U	440 U	11,000 U	440 U	440 U
S327	8/5/2000	140 - 196		SF0148	3,100 U	600 U	600 U	600 U	15,000 U	600 U	600 U
S328	7/15/2000	0 - 15		SF0101	260 UJ	51 UJ	35 J	51 UJ	1,300 UJ	51 UJ	51 UJ
S328	7/15/2000	15 - 30		SF0102	300 UJ	58 U	58 U	58 U	1,500 U	58 U	58 U
S328	7/15/2000	30 - 100		SB0009	300 UJ	59 UJ	59 UJ	59 UJ	1,500 UJ	59 UJ	59 UJ
S328	7/15/2000	100 - 200		SB0010	280 UJ	55 UJ	55 UJ	55 UJ	1,400 UJ	55 UJ	55 UJ
S329	7/16/2000	0 - 15		SF0103	320 UJ	61 UJ	61 UJ	61 UJ	1,600 UJ	61 UJ	61 UJ
S329	7/16/2000	15 - 30		SF0104	300 UJ	58 UJ	58 UJ	58 UJ	1,500 UJ	58 UJ	58 UJ
S329	7/16/2000	30 - 100		SB0011	310 UJ	59 UJ	59 UJ	59 UJ	1,500 UJ	59 UJ	59 UJ
S329	7/16/2000	100 - 200		SB0012	290 UJ	56 UJ	56 UJ	56 UJ	1,500 UJ	56 UJ	56 UJ
S330	7/16/2000	0 - 15		SF0105	280 UJ	55 U	55 U	55 U	1,400 UJ	55 U	55 UJ
S330	7/16/2000	15 - 30		SF0106	290 UJ	56 U	56 U	56 U	1,400 UJ	56 U	56 UJ
S330	7/16/2000	30 - 100		SB0013	290 UJ	56 U	56 U	56 U	1,400 UJ	56 U	56 UJ
S330	7/16/2000	100 - 200		SB0014	290 UJ	56 U	56 U	56 U	1,400 U	56 U	56 U

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Hexachlorocyclo-pentadiene (µg/kg-dw)	Hexachloro-ethane (µg/kg-dw)	Indeno(1,2,3-cd)pyrene (µg/kg-dw)	Isophorone (µg/kg-dw)	2-Methyl-4,6-dinitrophenol (µg/kg-dw)	2-Methyl naphthalene (µg/kg-dw)	2-Methylphenol (µg/kg-dw)
S331	7/16/2000	0 - 15		SF0107	460 UJ	89 UJ	88 J	89 UJ	2,300 UJ	89 UJ	89 UJ
S331	7/16/2000	15 - 30		SF0108	580 UJ	110 U	250	110 U	2,900 UJ	82 J	110 UJ
S331	7/16/2000	30 - 100		SB0015	2,500 UJ	480 U	320 J	480 U	2,500 UJ	3,500	96 UJ
S331	7/16/2000	100 - 200		SB0016	12,000 UJ	2,300 U	2,300 U	2,300 U	58,000 U	17,000	2,300 U
S332	8/11/2000	0 - 15		SF0109	3,200 U	620 U	620 U	620 U	16,000 UJ	2,200	620 UJ
S332	8/10/2000	15 - 30		SF0110	3,500 UR	690 U	4,200	690 U	18,000 UJ	39,000	690 UJ
S332	8/10/2000	30 - 100		SB0017	4,200 UR	810 U	3,100	810 U	21,000 UJ	47,000	810 UJ
S332	8/10/2000	100 - 200		SB0018	3,700 UR	720 U	3,200	720 U	19,000 UJ	41,000	720 UJ
S333	8/2/2000	0 - 15		SF0134	13,000 U	2,500 U	2,500 U	2,500 U	66,000 U	16,000	2,500 U
S333	8/2/2000	15 - 30		SF0135	16,000 U	3,200 U	4,500	3,200 U	82,000 U	15,000	3,200 U
S333	8/2/2000	30 - 100	D1	SB0041	270 UJ	53 UJ	53 UJ	53 UJ	1,400 UJ	53 UJ	53 UJ
S333	8/2/2000	30 - 100	D2	SB0066	270 U	53 U	53 U	53 U	1,400 U	53 U	53 U
S333	8/2/2000	100 - 193		SB0042	290 U	57 U	57 U	57 U	1,500 U	57 U	57 U
S334	8/2/2000	0 - 15		SF0153	880 U	170 U	2,800	170 U	4,400 U	1,000	170 U
S334	8/2/2000	15 - 30		SF0154	1,400 U	280 U	2,900	280 U	7,200 U	3,700	280 U
S334	8/2/2000	30 - 110		SB0059	7,300 U	1,400 U	9,500	1,400 U	37,000 U	18,000	1,400 U
S334	8/2/2000	110 - 200		SB0060	3,900 U	750 U	1,900	750 U	19,000 U	33,000	750 U
S335	8/2/2000	0 - 15		SF0115	1,700 U	340 U	950	340 U	8,700 U	2,000	340 U
S335	8/2/2000	15 - 30		SF0116	5,800 U	1,100 U	2,100	1,100 U	29,000 U	6,700	1,100 U
S335	8/2/2000	30 - 100		SB0023	1,300 U	260 U	480	260 U	6,600 U	1,100	260 U
S335	8/2/2000	100 - 190	D1	SB0024	320 U	63 U	63 U	63 U	1,600 U	63 U	63 U
S335	8/2/2000	100 - 190	D2	SB0065	320 UJ	62 UJ	62 UJ	62 UJ	1,600 UJ	62 UJ	62 UJ
S336	8/3/2000	0 - 15		SF0117	170 U	33 U	240	33 U	850 U	33 U	33 U
S336	8/3/2000	15 - 30		SF0118	170 U	33 U	650	33 U	850 U	33 U	33 U
S336	8/3/2000	30 - 100		SB0025	170 U	33 U	33 U	33 U	850 U	830	33 U
S336	8/3/2000	100 - 200		SB0026	170 U	33 U	1,300	33 U	850 U	2,600	33 U
S337	8/11/2000	0 - 15		SF0174	420 U	81 U	200	81 U	2,100 U	81 U	81 U
S337	8/3/2000	15 - 30		SF0120	170 U	33 U	310	33 U	850 U	240	33 U
S337	8/3/2000	30 - 100		SB0027	170 U	33 U	420	340	850 U	1,000	33 U
S337	8/3/2000	100 - 200		SB0028	170 UJ	33 U	600	33 U	850 U	33 U	33 U
S338	8/3/2000	0 - 15		SF0121	170 U	33 U	330	33 U	850 U	380	33 U

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Hexachlorocyclo-pentadiene (µg/kg-dw)	Hexachloro-ethane (µg/kg-dw)	Indeno(1,2,3-cd)pyrene (µg/kg-dw)	Isophorone (µg/kg-dw)	2-Methyl-4,6-dinitrophenol (µg/kg-dw)	2-Methyl naphthalene (µg/kg-dw)	2-Methylphenol (µg/kg-dw)
S338	8/3/2000	15 - 30		SF0122	170 U	33 U	580	33 U	850 U	1,100	33 U
S338	8/3/2000	30 - 130		SB0029	170 UJ	33 U	33 U	33 U	850 U	330	33 U
S338	8/3/2000	130 - 200		SB0030	170 U	33 U	490	33 U	850 U	7,600	33 U
S339	8/3/2000	0 - 15		SF0124	170 U	33 U	1,200	33 U	850 U	840	33 U
S339	8/3/2000	15 - 30		SF0125	170 U	33 U	1,700	33 U	850 U	4,100	33 U
S339	8/3/2000	30 - 100		SB0031	170 UJ	33 U	1,200	33 U	850 U	25,000	33 U
S339	8/3/2000	100 - 168		SB0032	170 U	33 U	1,400	33 U	850 U	12,000	33 U
S339	8/3/2000	168 - 200		SF0123_E	170 U	33 U	960	33 U	850 U	5,600	33 U
S340	8/15/2000	0 - 2	D1	SF0123	350 UJ	67 UJ	74 J	67 UJ	1,700 UJ	760 J	67 UJ
S340	8/15/2000	0 - 2	D2	SF0123_R	3,400 UJ	660 UJ	660 UJ	660 UJ	17,000 UJ	1,500 J	660 UJ
S340	8/3/2000	0 - 15		SF0126	170 UJ	33 U	360	33 U	850 U	1,600	33 U
S340	8/3/2000	15 - 30		SF0127	170 U	33 U	33 U	33 U	850 U	3,700 J	33 U
S340	8/3/2000	30 - 100		SB0033	170 U	33 U	33 U	33 U	850 U	12,000	33 U
S340	8/3/2000	100 - 200		SB0034	170 U	33 U	1,500	33 U	850 U	8,700	33 U
S341	8/4/2000	0 - 15		SF0128	310 UJ	61 U	210	61 U	1,600 U	1,300	61 U
S341	8/4/2000	15 - 30		SF0129	440 UJ	86 UJ	86 UJ	86 UJ	2,200 UJ	270 J	86 UJ
S341	8/4/2000	30 - 85		SB0063	6,600 U	1,300 U	1,300 U	1,300 U	33,000 U	7,300	1,300 U
S341	8/4/2000	85 - 160		SB0064	3,100 UJ	610 U	1,300	610 U	16,000 UJ	45,000	610 UJ
S341	8/4/2000	160 - 200		SF0119	19,000 UJ	3,700 U	3,700 U	3,700 U	100,000 U	60,000	3,700 U
S342	8/10/2000	0 - 15		SF0130_T	3,000 UR	580 U	580 U	580 U	15,000 UJ	3,900	580 UJ
S342	7/27/2000	15 - 30		SF0131	380 U	74 U	74 U	74 U	1,900 U	6,100	74 U
S342	7/27/2000	30 - 100		SB0037	380 UJ	73 UJ	140 J	73 UJ	1,900 UJ	4,900 J	73 UJ
S342	7/27/2000	100 - 200		SB0038	2,000 U	390 U	390 U	390 U	9,900 U	20,000	390 U
S343	8/4/2000	0 - 15		SF0132	5,700 UJ	1,100 U	1,100 U	1,100 U	29,000 U	4,300	1,100 U
S343	8/4/2000	15 - 30		SF0133	330 UJ	64 U	140	64 U	1,700 U	6,100	64 U
S343	8/4/2000	30 - 100	D1	SB0039	7,700 U	1,500 U	1,500 U	1,500 U	39,000 U	5,400	1,500 U
S343	8/4/2000	30 - 100	D2	SF0167	390 UJ	75 U	75 U	75 U	1,900 UJ	3,800	75 UJ
S343	8/4/2000	100 - 200		SB0040	1,400 U	280 U	280 U	280 U	7,200 UJ	2,100	280 UJ
S344	8/10/2000	0 - 15		SF0111_T	20,000 UR	3,800 U	3,800 U	3,800 U	100,000 U	10,000	3,800 U
S344	7/27/2000	15 - 30		SF0112	6,300 U	1,200 U	1,200 U	1,200 U	32,000 U	5,800	1,200 U
S344	7/27/2000	30 - 100	D1	SB0019	360 UJ	70 UJ	70 UJ	70 UJ	1,800 UJ	4,400 J	70 UJ

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Hexachlorocyclo-pentadiene (µg/kg-dw)	Hexachloro-ethane (µg/kg-dw)	Indeno(1,2,3-cd)pyrene (µg/kg-dw)	Isophorone (µg/kg-dw)	2-Methyl-4,6-dinitrophenol (µg/kg-dw)	2-Methyl naphthalene (µg/kg-dw)	2-Methylphenol (µg/kg-dw)
S344	7/27/2000	30 - 100	D2	SB0070	340 UJ	66 UJ	66 UJ	66 UJ	1,700 UJ	2,100 J	66 UJ
S344	7/27/2000	100 - 200		SB0020	480 UJ	93 UJ	120 J	93 UJ	2,400 UJ	5,800 J	93 UJ
S345	8/4/2000	0 - 15		SF0136	4,100 UJ	790 U	790 U	790 U	20,000 UJ	5,200	790 UJ
S345	8/4/2000	15 - 30		SF0137	540 UJ	110 U	110 U	110 U	2,700 UJ	7,300	110 UJ
S345	8/4/2000	30 - 100		SB0043	9,600 U	1,900 U	1,900 U	1,900 U	48,000 U	7,300	1,900 U
S345	8/4/2000	100 - 200		SB0044	3,800 UJ	730 U	730 U	730 U	19,000 UJ	7,100	730 UJ
S346	8/4/2000	0 - 15		SF0138	1,400 UJ	270 U	270 U	270 U	6,900 U	1,500	270 U
S346	8/4/2000	15 - 30		SF0139	1,800 UJ	360 U	360 U	360 U	9,200 UJ	2,000	360 UJ
S346	8/4/2000	30 - 160		SB0045	3,600 U	690 U	690 U	690 U	18,000 UJ	5,100	690 UJ
S346	8/4/2000	160 - 200		SB0046	16,000 U	3,000 U	3,000 U	3,000 U	78,000 U	120,000	3,000 U
S347	8/4/2000	0 - 15		SF0140	2,800 UJ	540 U	540 U	540 U	14,000 UJ	1,000	540 UJ
S347	8/4/2000	15 - 30		SF0141	2,400 UJ	460 U	460 U	460 U	12,000 UJ	2,400	460 UJ
S347	8/4/2000	30 - 100		SB0047	440 UJ	85 UJ	85 UJ	85 UJ	2,200 UJ	2,300 J	85 UJ
S347	8/4/2000	100 - 200		SB0048	440 UJ	86 UJ	86 UJ	86 UJ	2,200 UJ	86 UJ	86 UJ
S348	8/5/2000	0 - 15		SF0142	5,100 U	980 U	980 U	980 U	25,000 U	3,800	980 U
S348	8/5/2000	15 - 30		SF0143	13,000 U	2,500 U	2,500 U	2,500 U	64,000 U	9,000 J	2,500 U
S348	8/5/2000	30 - 110		SB0049	5,300 U	1,000 U	1,000 U	1,000 U	26,000 U	6,500	1,000 U
S348	8/5/2000	110 - 200		SB0050	3,300 U	630 U	630 U	630 U	16,000 U	5,700	630 U
S349	8/5/2000	0 - 15		SF0144	1,700 U	340 U	340 U	340 U	8,700 U	2,400	1,100
S349	8/5/2000	15 - 30		SF0145	12,000 U	2,300 U	2,300 U	2,300 U	59,000 U	7,800	2,300 U
S349	8/5/2000	30 - 100		SB0051	4,100 U	790 U	790 U	790 U	20,000 U	1,400	2,100
S349	8/5/2000	100 - 200		SB0052	430 U	84 U	84 U	84 U	2,200 U	170	2,300
S350	8/5/2000	0 - 15		SF0146	450 U	88 U	88 U	88 U	2,300 U	3,900	88 U
S350	8/5/2000	15 - 30		SF0147	400 U	78 U	78 U	78 U	2,000 U	5,100	78 U
S350	8/5/2000	30 - 92		SB0053	9,000 U	1,800 U	1,800 U	1,800 U	45,000 U	8,500	1,800 U
S350	8/5/2000	92 - 200	D1	SB0054	3,500 U	680 U	1,900	680 U	18,000 U	8,600	680 U
S350	8/5/2000	92 - 200	D2	SB0067	3,500 U	680 U	1,400	680 U	18,000 U	6,200	680 U
S351	8/15/2000	0 - 2		SF0173	370 UJ	72 UJ	72 UJ	72 UJ	1,800 UJ	72 UJ	72 UJ
S351	8/5/2000	0 - 15		SF0149	920 U	180 U	2,300	180 U	4,600 U	1,900	180 U
S351	8/5/2000	15 - 30		SF0150	500 U	98 U	950	98 U	2,500 U	1,100	98 U
S351	8/5/2000	30 - 100		SB0055	13,000 U	2,600 U	4,800	2,600 U	67,000 U	53,000	2,600 U

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Hexachlorocyclo-pentadiene (µg/kg-dw)	Hexachloro-ethane (µg/kg-dw)	Indeno(1,2,3-cd)pyrene (µg/kg-dw)	Isophorone (µg/kg-dw)	2-Methyl-4,6-dinitrophenol (µg/kg-dw)	2-Methyl naphthalene (µg/kg-dw)	2-Methylphenol (µg/kg-dw)
S351	8/5/2000	100 - 200		SB0056	15,000 U	3,000 U	6,500	3,000 U	77,000 U	40,000	3,000 U
S352	8/10/2000	0 - 15		SF0151	3,100 UJ	600 UJ	4,200 J	600 UJ	15,000 UJ	8,900 J	600 UJ
S352	8/10/2000	15 - 30		SF0152	6,000 UR	1,200 U	3,700	1,200 U	30,000 U	18,000	1,200 U
S352	8/10/2000	30 - 100		SB0057	1,400 UR	280 UJ	1,500 J	280 UJ	7,200 UJ	4,100 J	280 UJ
S352	8/10/2000	100 - 200		SB0058	310 UJ	61 UJ	61 UJ	61 UJ	1,600 UJ	61 UJ	61 UJ
S353	7/27/2000	0 - 15		SF0113	2,800 U	540 U	5,400	540 U	14,000 U	540 U	540 U
S353	7/27/2000	15 - 30		SF0114	940 U	180 U	3,700	180 U	4,700 U	180 U	180 U
S353	7/27/2000	30 - 100		SB0021	260 UJ	50 UJ	390 J	50 UJ	1,300 UJ	55 J	50 UJ
S353	7/27/2000	100 - 200		SB0022	300 U	59 U	59 U	59 U	1,500 UJ	59 U	59 UJ
S354	8/10/2000	0 - 15		SF0155	670 UR	130 UJ	350 J	130 UJ	3,300 UJ	130 UJ	130 UJ
S354	8/13/2000	15 - 30		SF0156	11,000 U	2,100 U	2,100 U	2,100 U	54,000 U	7,900	2,100 U
S354	8/13/2000	30 - 100		SB0061	620 U	120 U	840	120 U	3,100 U	1,400	120 U
S354	8/13/2000	100 - 200	D1	SB0062	480 U	92 U	380	92 U	2,400 U	420	92 U
S354	8/13/2000	100 - 200	D2	SB0069	4,800 U	930 U	930 U	930 U	24,000 U	930 U	930 U
S355	8/10/2000	0 - 15		SF0157	710 UJ	140 UJ	580 J	140 UJ	3,600 UJ	140 UJ	140 UJ
S355	8/13/2000	15 - 30		SF0158	560 U	110 U	280	110 U	2,800 U	110 U	110 U
S355	8/13/2000	30 - 100		SB0035	3,000 U	570 U	6,800	570 U	15,000 U	2,100	570 U
S355	8/13/2000	100 - 200		SB0036	450 U	88 U	280	88 U	2,300 U	88 U	88 U
S434	8/9/2000	0 - 15		SF0170	280 UJ	55 U	97 J	55 U	1,400 U	55 U	55 U
S434	8/9/2000	15 - 30		SF0171	310 UJ	60 U	60 U	60 U	1,600 U	60 U	60 U
S434	8/9/2000	30 - 100		SB0100	300 UJ	58 U	58 U	58 U	1,500 U	58 U	58 U
S434	8/9/2000	100 - 200		SB0101	300 UJ	59 U	59 U	59 U	1,500 U	59 U	59 U
S435	8/9/2000	0 - 5		SF0172	1,200,000 UJ	230,000 U	230,000 U	230,000 U	6,000,000 U	2,800,000 J	230,000 U

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	4-Methylphenol (µg/kg-dw)	Naphthalene (µg/kg-dw)	2-Nitroaniline (µg/kg-dw)	3-Nitroaniline (µg/kg-dw)	4-Nitroaniline (µg/kg-dw)	Nitrobenzene (µg/kg-dw)	2-Nitrophenol (µg/kg-dw)
S324	7/13/2000	0 - 15		SF0092	77 U	77 U	160 U	2,000 U	2,000 U	77 U	400 U
S324	7/13/2000	15 - 30		SF0093	67 U	110	140 U	1,700 U	1,700 U	67 U	340 U
S324	7/13/2000	30 - 100	D1	SB0001	66 U	550	130 U	1,700 U	1,700 U	66 U	340 U
S324	7/13/2000	30 - 100	D2	SB0068	160	740	130 U	1,700 U	1,700 U	65 U	330 U
S324	7/13/2000	100 - 200		SB0002	94 UJ	77 J	190 UJ	2,400 UJ	2,400 UJ	94 UJ	480 UJ
S325	7/14/2000	0 - 2		SF0094	72 U	260	150 UJ	1,900 U	1,900 U	72 U	370 U
S325	7/14/2000	2 - 15		SF0095	72 U	48 J	150 UJ	1,900 UJ	1,900 UJ	72 UJ	370 U
S325	7/14/2000	15 - 30		SF0096	71 U	240	140 UJ	1,800 U	1,800 U	71 U	370 U
S325	7/14/2000	30 - 100		SB0003	130 U	11,000	260 UJ	3,300 U	3,300 U	130 U	660 U
S325	7/14/2000	100 - 200		SB0004	61 U	1,300	120 UJ	1,600 U	1,600 U	61 U	310 U
S326	7/14/2000	0 - 15		SF0097	78 U	91	160 UJ	2,000 U	2,000 U	78 U	400 U
S326	7/14/2000	15 - 30		SF0098	76 U	80	150 UJ	2,000 U	2,000 U	76 U	390 U
S326	7/14/2000	30 - 100		SB0005	84 U	59 J	170 UJ	2,200 U	2,200 U	84 U	430 U
S326	7/14/2000	100 - 200		SB0006	85	670	170 UJ	2,100 U	2,100 U	83 U	430 U
S327	8/5/2000	0 - 15		SF0099	890 U	890 U	1,800 U	23,000 U	23,000 U	890 U	4,600 U
S327	8/5/2000	15 - 30		SF0100	930 U	930 U	1,900 U	24,000 U	24,000 U	930 U	4,800 U
S327	8/5/2000	30 - 60		SB0007	940 U	940 U	1,900 U	24,000 U	24,000 U	940 U	4,800 U
S327	8/5/2000	60 - 140		SB0008	440 U	440 U	,900 U	11,000 U	11,000 U	440 U	2,300 U
S327	8/5/2000	140 - 196		SF0148	600 U	790	1,200 U	15,000 U	15,000 U	600 U	3,100 U
S328	7/15/2000	0 - 15		SF0101	51 UJ	51 UJ	100 UJ	1,300 UJ	1,300 UJ	51 UJ	260 UJ
S328	7/15/2000	15 - 30		SF0102	58 U	58 U	120 UJ	1,500 U	1,500 U	58 U	300 U
S328	7/15/2000	30 - 100		SB0009	59 UJ	59 UJ	120 UJ	1,500 UJ	1,500 UJ	59 UJ	300 UJ
S328	7/15/2000	100 - 200		SB0010	55 UJ	55 UJ	110 UJ	1,400 UJ	1,400 UJ	55 UJ	280 UJ
S329	7/16/2000	0 - 15		SF0103	61 UJ	61 UJ	120 UJ	1,600 UJ	1,600 UJ	61 UJ	320 UJ
S329	7/16/2000	15 - 30		SF0104	58 UJ	58 UJ	120 UJ	1,500 UJ	1,500 UJ	58 UJ	300 UJ
S329	7/16/2000	30 - 100		SB0011	59 UJ	59 UJ	120 UJ	1,500 UJ	1,500 UJ	59 UJ	310 UJ
S329	7/16/2000	100 - 200		SB0012	56 UJ	56 UJ	110 UJ	1,500 UJ	1,500 UJ	56 UJ	290 UJ
S330	7/16/2000	0 - 15		SF0105	55 UJ	55 U	110 U	1,400 UJ	1,400 UJ	55 U	280 UJ
S330	7/16/2000	15 - 30		SF0106	56 UJ	56 U	110 U	1,400 UJ	1,400 UJ	56 U	290 UJ
S330	7/16/2000	30 - 100		SB0013	56 UJ	56 U	110 U	1,400 UJ	1,400 UJ	56 U	290 UJ
S330	7/16/2000	100 - 200		SB0014	56 U	56 U	110 U	1,400 UJ	1,400 UJ	56 U	290 U

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	4-Methylphenol (µg/kg-dw)	Naphthalene (µg/kg-dw)	2-Nitroaniline (µg/kg-dw)	3-Nitroaniline (µg/kg-dw)	4-Nitroaniline (µg/kg-dw)	Nitrobenzene (µg/kg-dw)	2-Nitrophenol (µg/kg-dw)
S331	7/16/2000	0 - 15		SF0107	89 UJ	89 UJ	180 UJ	2,300 UJ	2,300 UJ	89 UJ	460 UJ
S331	7/16/2000	15 - 30		SF0108	110 UJ	65 J	230 U	2,900 UJ	2,900 UJ	110 U	580 UJ
S331	7/16/2000	30 - 100		SB0015	96 UJ	27,000	970 U	12,000 UJ	12,000 UJ	480 U	490 UJ
S331	7/16/2000	100 - 200		SB0016	2,300 U	120,000	4,600 U	58,000 UJ	58,000 UJ	2,300 U	12,000 U
S332	8/11/2000	0 - 15		SF0109	620 UJ	38,000	1,300 U	16,000 U	16,000 U	620 U	3,200 UJ
S332	8/10/2000	15 - 30		SF0110	690 UJ	560,000	1,400 U	18,000 UJ	18,000 U	690 U	3,500 UJ
S332	8/10/2000	30 - 100		SB0017	810 UJ	770,000	1,700 U	21,000 UJ	21,000 U	810 U	4,200 UJ
S332	8/10/2000	100 - 200		SB0018	720 UJ	620,000	1,500 U	19,000 UJ	19,000 U	720 U	3,700 UJ
S333	8/2/2000	0 - 15		SF0134	2,500 U	130,000	5,200 U	66,000 U	66,000 U	2,500 U	13,000 U
S333	8/2/2000	15 - 30		SF0135	3,200 U	160,000	6,500 U	82,000 U	82,000 U	3,200 U	16,000 U
S333	8/2/2000	30 - 100	D1	SB0041	53 UJ	630 J	110 UJ	1,400 UJ	1,400 UJ	53 UJ	270 UJ
S333	8/2/2000	30 - 100	D2	SB0066	53 U	360	110 U	1,400 U	1,400 U	53 U	270 U
S333	8/2/2000	100 - 193		SB0042	57 U	57 U	110 U	1,500 U	1,500 U	57 U	290 U
S334	8/2/2000	0 - 15		SF0153	170 U	5,500	350 U	4,400 U	4,400 U	170 U	880 U
S334	8/2/2000	15 - 30		SF0154	280 U	19,000	560 U	7,200 U	7,200 U	280 U	1,400 U
S334	8/2/2000	30 - 110		SB0059	1,400 U	71,000	2,900 U	37,000 U	37,000 U	1,400 U	7,300 U
S334	8/2/2000	110 - 200		SB0060	750 U	140,000	1,500 U	19,000 U	19,000 U	750 U	3,900 U
S335	8/2/2000	0 - 15		SF0115	340 U	15,000	680 U	8,700 U	8,700 U	340 U	1,700 U
S335	8/2/2000	15 - 30		SF0116	1,100 U	57,000	2,300 U	29,000 U	29,000 U	1,100 U	5,800 U
S335	8/2/2000	30 - 100		SB0023	260 U	12,000	520 U	6,600 U	6,600 U	260 U	1,300 U
S335	8/2/2000	100 - 190	D1	SB0024	110	610	130 U	1,600 U	1,600 U	63 U	320 U
S335	8/2/2000	100 - 190	D2	SB0065	62 UJ	180 J	130 UJ	1,600 UJ	1,600 UJ	62 UJ	320 UJ
S336	8/3/2000	0 - 15		SF0117	33 U	360	67 U	850 U	850 U	33 U	170 U
S336	8/3/2000	15 - 30		SF0118	33 U	3,100	67 U	850 U	850 U	33 U	170 U
S336	8/3/2000	30 - 100		SB0025	33 U	4,200	67 U	850 U	850 U	33 U	170 U
S336	8/3/2000	100 - 200		SB0026	33 U	40,000	67 U	850 U	850 U	33 U	170 U
S337	8/11/2000	0 - 15		SF0174	81 U	350 U	170 U	2,100 U	2,100 U	81 U	420 U
S337	8/3/2000	15 - 30		SF0120	33 U	890	67 U	850 U	850 U	33 U	170 U
S337	8/3/2000	30 - 100		SB0027	33 U	1,800	67 U	850 U	850 U	33 U	170 U
S337	8/3/2000	100 - 200		SB0028	33 U	100	67 U	850 U	850 U	33 U	170 U
S338	8/3/2000	0 - 15		SF0121	33 U	330	67 U	850 U	850 U	33 U	170 U

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	4-Methylphenol (µg/kg-dw)	Naphthalene (µg/kg-dw)	2-Nitroaniline (µg/kg-dw)	3-Nitroaniline (µg/kg-dw)	4-Nitroaniline (µg/kg-dw)	Nitrobenzene (µg/kg-dw)	2-Nitrophenol (µg/kg-dw)
S338	8/3/2000	15 - 30		SF0122	33 U	940	67 U	850 U	850 U	33 U	170 U
S338	8/3/2000	30 - 130		SB0029	33 U	1,200	67 U	850 U	850 U	33 U	170 U
S338	8/3/2000	130 - 200		SB0030	280	8,200	67 U	850 U	850 U	33 U	170 U
S339	8/3/2000	0 - 15		SF0124	33 U	7,700	67 U	850 U	850 U	33 U	170 U
S339	8/3/2000	15 - 30		SF0125	33 U	27,000	67 U	850 U	850 U	33 U	170 U
S339	8/3/2000	30 - 100		SB0031	33 U	170,000	67 U	850 U	850 U	33 U	170 U
S339	8/3/2000	100 - 168		SB0032	33 U	53,000	67 U	850 U	850 U	33 U	170 U
S339	8/3/2000	168 - 200		SF0123_E	33 U	9,700	67 U	850 U	850 U	33 U	170 U
S340	8/15/2000	0 - 2	D1	SF0123	67 UJ	2,300 J	140 UJ	1,700 UJ	1,700 UJ	67 UJ	350 UJ
S340	8/15/2000	0 - 2	D2	SF0123_R	660 UJ	22,000 J	1,300 UJ	17,000 UJ	17,000 UJ	660 UJ	3,400 UJ
S340	8/3/2000	0 - 15		SF0126	33 U	18,000	67 U	850 U	850 U	33 U	170 U
S340	8/3/2000	15 - 30		SF0127	33 U	65,000 J	67 U	850 U	850 U	33 U	170 U
S340	8/3/2000	30 - 100		SB0033	33 U	88,000	67 U	850 U	850 U	33 U	170 U
S340	8/3/2000	100 - 200		SB0034	33 U	50,000	67 U	850 U	850 U	33 U	170 U
S341	8/4/2000	0 - 15		SF0128	61 U	16,000	120 U	1,600 U	1,600 U	61 U	310 U
S341	8/4/2000	15 - 30		SF0129	100 J	5,700 J	170 UJ	2,200 UJ	2,200 UJ	86 UJ	440 UJ
S341	8/4/2000	30 - 85		SB0063	1,300 U	75,000	2,600 U	33,000 U	33,000 U	1,300 U	6,600 U
S341	8/4/2000	85 - 160		SB0064	610 UJ	440,000	1,200 U	16,000 U	16,000 U	610 U	3,100 UJ
S341	8/4/2000	160 - 200		SF0119	3,700 U	800,000	7,500 U	100,000 U	100,000 U	3,700 U	19,000 U
S342	8/10/2000	0 - 15		SF0130_T	580 UJ	32,000	1,200 U	15,000 UJ	15,000 U	580 U	3,000 UJ
S342	7/27/2000	15 - 30		SF0131	74 U	71,000	150 U	1,900 U	1,900 U	74 U	380 U
S342	7/27/2000	30 - 100		SB0037	420 J	52,000 J	150 UJ	1,900 UJ	1,900 UJ	73 UJ	380 UJ
S342	7/27/2000	100 - 200		SB0038	390 U	310,000	780 U	9,900 U	9,900 U	390 U	2,000 U
S343	8/4/2000	0 - 15		SF0132	1,100 U	72,000	2,300 U	29,000 U	29,000 U	1,100 U	5,700 U
S343	8/4/2000	15 - 30		SF0133	560	120,000	130 U	1,700 U	1,700 U	64 U	330 U
S343	8/4/2000	30 - 100	D1	SB0039	1,500 U	75,000	3,100 U	39,000 U	39,000 U	1,500 U	7,700 U
S343	8/4/2000	30 - 100	D2	SF0167	480 J	55,000	150 U	1,900 U	1,900 U	75 U	390 UJ
S343	8/4/2000	100 - 200		SB0040	880 J	19,000	570 U	7,200 U	7,200 U	280 U	1,400 UJ
S344	8/10/2000	0 - 15		SF0111_T	3,800 U	170,000	7,800 U	100,000 UJ	100,000 U	3,800 U	20,000 U
S344	7/27/2000	15 - 30		SF0112	1,200 U	76,000	2,500 U	32,000 U	32,000 U	1,200 U	6,300 U
S344	7/27/2000	30 - 100	D1	SB0019	70 UJ	57,000 J	140 UJ	1,800 UJ	1,800 UJ	70 UJ	360 UJ

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	4-Methylphenol (µg/kg-dw)	Naphthalene (µg/kg-dw)	2-Nitroaniline (µg/kg-dw)	3-Nitroaniline (µg/kg-dw)	4-Nitroaniline (µg/kg-dw)	Nitrobenzene (µg/kg-dw)	2-Nitrophenol (µg/kg-dw)
S344	7/27/2000	30 - 100	D2	SB0070	66 UJ	23,000 J	130 UJ	1,700 UJ	1,700 UJ	66 UJ	340 UJ
S344	7/27/2000	100 - 200		SB0020	600 J	64,000 J	190 UJ	2,400 UJ	2,400 UJ	93 UJ	480 UJ
S345	8/4/2000	0 - 15		SF0136	790 UJ	56,000	1,600 U	20,000 U	20,000 U	790 U	4,100 UJ
S345	8/4/2000	15 - 30		SF0137	290 J	91,000	210 U	2,700 U	2,700 U	110 U	540 UJ
S345	8/4/2000	30 - 100		SB0043	1,900 U	100,000	3,800 U	48,000 U	48,000 U	1,900 U	9,600 U
S345	8/4/2000	100 - 200		SB0044	730 UJ	110,000	1,500 U	19,000 U	19,000 U	730 U	3,800 UJ
S346	8/4/2000	0 - 15		SF0138	270 U	17,000	550 U	6,900 U	6,900 U	270 U	1,400 U
S346	8/4/2000	15 - 30		SF0139	360 UJ	20,000	730 U	9,200 U	9,200 U	360 U	1,800 UJ
S346	8/4/2000	30 - 160		SB0045	690 UJ	50,000	1,400 U	18,000 U	18,000 U	690 U	3,600 UJ
S346	8/4/2000	160 - 200		SB0046	3,000 U	1300,000	6,200 U	78,000 U	78,000 U	3,000 U	16,000 U
S347	8/4/2000	0 - 15		SF0140	540 UJ	11,000	1,100 U	14,000 U	14,000 U	540 U	2,800 UJ
S347	8/4/2000	15 - 30		SF0141	460 UJ	27,000	930 U	12,000 U	12,000 U	460 U	2,400 UJ
S347	8/4/2000	30 - 100		SB0047	85 UJ	29,000 J	170 UJ	2,200 UJ	2,200 UJ	85 UJ	440 UJ
S347	8/4/2000	100 - 200		SB0048	86 UJ	86 UJ	170 UJ	2,200 UJ	2,200 UJ	86 UJ	440 UJ
S348	8/5/2000	0 - 15		SF0142	980 U	49,000	2,000 U	25,000 U	25,000 U	980 U	5,100 U
S348	8/5/2000	15 - 30		SF0143	2,500 U	130,000 J	5,000 U	64,000 U	64,000 U	2,500 U	13,000 U
S348	8/5/2000	30 - 110		SB0049	1,200	64,000	2,100 U	26,000 U	26,000 U	1,000 U	5,300 U
S348	8/5/2000	110 - 200		SB0050	1,300	51,000	1,300 U	16,000 U	16,000 U	630 U	3,300 U
S349	8/5/2000	0 - 15		SF0144	2,200	23,000	690 U	8,700 U	8,700 U	340 U	1,700 U
S349	8/5/2000	15 - 30		SF0145	3,000	110,000	4,700 U	59,000 U	59,000 U	2,300 U	12,000 U
S349	8/5/2000	30 - 100		SB0051	4,200	13,000	1,600 U	20,000 U	20,000 U	790 U	4,100 U
S349	8/5/2000	100 - 200		SB0052	4,700	1,200	170 U	2,200 U	2,200 U	84 U	430 U
S350	8/5/2000	0 - 15		SF0146	88 U	34,000	180 U	2,300 U	2,300 U	88 U	450 U
S350	8/5/2000	15 - 30		SF0147	78 U	69,000	160 U	2,000 U	2,000 U	78 U	400 U
S350	8/5/2000	30 - 92		SB0053	1,800 U	91,000	3,600 U	45,000 U	45,000 U	1,800 U	9,000 U
S350	8/5/2000	92 - 200	D1	SB0054	680 U	52,000	1,400 U	18,000 U	18,000 U	680 U	3,500 U
S350	8/5/2000	92 - 200	D2	SB0067	680 U	39,000	1,400 U	18,000 U	18,000 U	680 U	3,500 U
S351	8/15/2000	0 - 2		SF0173	72 UJ	72 UJ	150 UJ	1,800 UJ	1,800 UJ	72 UJ	370 UJ
S351	8/5/2000	0 - 15		SF0149	180 U	4,100	360 U	4,600 U	4,600 U	180 U	920 U
S351	8/5/2000	15 - 30		SF0150	98 U	1,100	200 U	2,500 U	2,500 U	98 U	500 U
S351	8/5/2000	30 - 100		SB0055	2,600 U	150,000	5,300 U	67,000 U	67,000 U	2,600 U	13,000 U

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	4-Methylphenol (µg/kg-dw)	Naphthalene (µg/kg-dw)	2-Nitroaniline (µg/kg-dw)	3-Nitroaniline (µg/kg-dw)	4-Nitroaniline (µg/kg-dw)	Nitrobenzene (µg/kg-dw)	2-Nitrophenol (µg/kg-dw)
S351	8/5/2000	100 - 200		SB0056	3,000 U	120,000	6,100 U	77,000 U	77,000 U	3,000 U	15,000 U
S352	8/10/2000	0 - 15		SF0151	600 UJ	25,000 J	1,200 UJ	15,000 UJ	15,000 UJ	600 UJ	3,100 UJ
S352	8/10/2000	15 - 30		SF0152	1,200 U	58,000	2,400 U	30,000 UJ	30,000 U	1,200 U	6,000 U
S352	8/10/2000	30 - 100		SB0057	280 UJ	9,300 J	570 UJ	7,200 UJ	7,200 UJ	280 UJ	1,400 UJ
S352	8/10/2000	100 - 200		SB0058	61 UJ	61 UJ	120 UJ	1,600 UJ	1,600 UJ	61 UJ	310 UJ
S353	7/27/2000	0 - 15		SF0113	540 U	1,400	1,100 U	14,000 U	14,000 U	540 U	2,800 U
S353	7/27/2000	15 - 30		SF0114	180 U	540	370 U	4,700 U	4,700 U	180 U	940 U
S353	7/27/2000	30 - 100		SB0021	50 UJ	130 J	100 UJ	1,300 UJ	1,300 UJ	50 UJ	260 UJ
S353	7/27/2000	100 - 200		SB0022	59 UJ	59 U	120 U	1,500 U	1,500 U	59 U	300 UJ
S354	8/10/2000	0 - 15		SF0155	130 UJ	310 J	260 UJ	3,300 UJ	3,300 UJ	130 UJ	670 UJ
S354	8/13/2000	15 - 30		SF0156	2,100 U	90,000	4,200 U	54,000 U	54,000 U	2,100 U	11,000 U
S354	8/13/2000	30 - 100		SB0061	120 U	1,400	240 U	3,100 U	3,100 U	120 U	620 U
S354	8/13/2000	100 - 200	D1	SB0062	92 U	230	190 U	2,400 U	2,400 U	92 U	480 U
S354	8/13/2000	100 - 200	D2	SB0069	930 U	46,000	1,900 U	24,000 U	24,000 U	930 U	4,800 U
S355	8/10/2000	0 - 15		SF0157	140 UJ	170 J	280 UJ	3,600 UJ	3,600 UJ	140 UJ	710 UJ
S355	8/13/2000	15 - 30		SF0158	110 U	130	220 U	2,800 U	2,800 U	110 U	560 U
S355	8/13/2000	30 - 100		SB0035	570 U	3,000	1,200 U	15,000 U	15,000 U	570 U	3,000 U
S355	8/13/2000	100 - 200		SB0036	88 U	88 U	180 U	2,300 U	2,300 U	88 U	450 U
S434	8/9/2000	0 - 15		SF0170	55 U	55 U	110 U	1,400 U	1,400 U	55 U	280 U
S434	8/9/2000	15 - 30		SF0171	60 U	60 U	120 U	1,600 U	1,600 U	60 U	310 U
S434	8/9/2000	30 - 100		SB0100	58 U	110 J	120 U	1,500 U	1,500 U	58 U	300 U
S434	8/9/2000	100 - 200		SB0101	59 U	59 U	120 U	1,500 U	1,500 U	59 U	300 U
S435	8/9/2000	0 - 5		SF0172	230,000 U	26,000,000 J	470,000 U	6,000,000 U	6,000,000 U	230,000 U	1,200,000 U

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	4-Nitrophenol (µg/kg-dw)	N-Nitroso-dimethylamine (µg/kg-dw)	N-nitroso-di-n-propylamine (µg/kg-dw)	N-Nitroso-diphenylamine (µg/kg-dw)	2,2'-Oxybis(1-chloropropane) (µg/kg-dw)	Pentachlorophenol (µg/kg-dw)	Phenanthrene (µg/kg-dw)
S324	7/13/2000	0 - 15		SF0092	2,000 U	400 U	77 U	77 U	77 U	2,000 U	77 U
S324	7/13/2000	15 - 30		SF0093	1,700 U	340 U	67 U	67 U	67 U	1,700 U	46 J
S324	7/13/2000	30 - 100	D1	SB0001	1,700 U	340 U	66 U	66 U	66 U	1,700 U	160
S324	7/13/2000	30 - 100	D2	SB0068	1,700 U	330 U	65 U	65 U	65 U	1,700 U	200
S324	7/13/2000	100 - 200		SB0002	2,400 UJ	480 UJ	94 UJ	94 UJ	94 UJ	2,400 UJ	94 UJ
S325	7/14/2000	0 - 2		SF0094	1,900 U	370 U	72 U	72 U	72 U	1,900 U	160
S325	7/14/2000	2 - 15		SF0095	1,900 U	370 UJ	72 UJ	72 UJ	72 UJ	1,900 U	77 J
S325	7/14/2000	15 - 30		SF0096	1,800 U	370 U	71 U	71 U	71 U	1,800 U	420
S325	7/14/2000	30 - 100		SB0003	3,300 U	660 U	130 U	130 U	130 U	3,300 U	25,000
S325	7/14/2000	100 - 200		SB0004	1,600 U	310 U	61 U	61 U	61 U	1,600 U	820
S326	7/14/2000	0 - 15		SF0097	2,000 U	400 U	78 U	78 U	78 U	2,000 U	160
S326	7/14/2000	15 - 30		SF0098	2,000 U	390 U	76 U	110 J	76 U	2,000 U	200
S326	7/14/2000	30 - 100		SB0005	2,200 U	430 U	84 U	84 U	84 U	2,200 U	440
S326	7/14/2000	100 - 200		SB0006	2,100 U	430 U	83 U	83 U	83 U	2,100 U	1,300
S327	8/5/2000	0 - 15		SF0099	23,000 U	4,600 U	890 U	890 U	890 U	23,000 U	890 U
S327	8/5/2000	15 - 30		SF0100	24,000 U	4,800 U	930 U	930 U	930 U	24,000 U	1,100
S327	8/5/2000	30 - 60		SB0007	24,000 U	4,800 U	940 U	940 U	940 U	24,000 U	1,800
S327	8/5/2000	60 - 140		SB0008	11,000 U	2,300 U	440 U	440 U	440 U	11,000 U	650
S327	8/5/2000	140 - 196		SF0148	15,000 U	3,100 U	600 U	600 U	600 U	15,000 U	2,700
S328	7/15/2000	0 - 15		SF0101	1,300 UJ	260 UJ	51 UJ	51 UJ	51 UJ	1,300 UJ	74 J
S328	7/15/2000	15 - 30		SF0102	1,500 U	300 U	58 U	58 U	58 U	1,500 U	58 U
S328	7/15/2000	30 - 100		SB0009	1,500 UJ	300 UJ	59 UJ	59 UJ	59 UJ	1,500 UJ	59 UJ
S328	7/15/2000	100 - 200		SB0010	1,400 UJ	280 UJ	55 UJ	55 UJ	55 UJ	1,400 UJ	55 UJ
S329	7/16/2000	0 - 15		SF0103	1,600 UJ	320 UJ	61 UJ	61 UJ	61 UJ	1,600 UJ	61 UJ
S329	7/16/2000	15 - 30		SF0104	1,500 UJ	300 UJ	58 UJ	58 UJ	58 UJ	1,500 UJ	58 UJ
S329	7/16/2000	30 - 100		SB0011	1,500 UJ	310 UJ	59 UJ	59 UJ	59 UJ	1,500 UJ	59 UJ
S329	7/16/2000	100 - 200		SB0012	1,500 UJ	290 UJ	56 UJ	56 UJ	56 UJ	1,500 UJ	56 UJ
S330	7/16/2000	0 - 15		SF0105	1,400 UJ	280 U	55 U	55 U	55 U	1,400 UJ	55 U
S330	7/16/2000	15 - 30		SF0106	1,400 UJ	290 U	56 U	56 U	56 U	1,400 UJ	56 U
S330	7/16/2000	30 - 100		SB0013	1,400 UJ	290 U	56 U	56 U	56 U	1,400 UJ	56 U
S330	7/16/2000	100 - 200		SB0014	1,400 U	290 U	56 U	56 U	56 U	1,400 U	56 U

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	4-Nitrophenol (µg/kg-dw)	N-Nitroso-dimethylamine (µg/kg-dw)	N-nitroso-di-n-propylamine (µg/kg-dw)	N-Nitroso-diphenylamine (µg/kg-dw)	2,2'-Oxybis(1-chloropropane) (µg/kg-dw)	Pentachlorophenol (µg/kg-dw)	Phenanthrene (µg/kg-dw)
S331	7/16/2000	0 - 15		SF0107	2,300 UJ	460 UJ	89 UJ	89 UJ	89 UJ	2,300 UJ	98 J
S331	7/16/2000	15 - 30		SF0108	2,900 UJ	580 U	110 U	110 U	110 U	2,900 UJ	500
S331	7/16/2000	30 - 100		SB0015	2,500 UJ	2,500 U	480 U	480 U	480 U	2,500 UJ	1,700
S331	7/16/2000	100 - 200		SB0016	58,000 U	12,000 U	2,300 U	2,300 U	2,300 U	58,000 U	15,000
S332	8/11/2000	0 - 15		SF0109	16,000 UJ	3,200 U	620 U	620 U	620 U	16,000 UJ	2,500
S332	8/10/2000	15 - 30		SF0110	18,000 UJ	3,500 U	690 U	690 U	690 U	18,000 UR	35,000
S332	8/10/2000	30 - 100		SB0017	21,000 UJ	4,200 U	810 U	810 U	810 U	21,000 UJ	32,000
S332	8/10/2000	100 - 200		SB0018	19,000 UJ	3,700 U	720 U	720 U	720 U	19,000 UJ	37,000
S333	8/2/2000	0 - 15		SF0134	66,000 U	13,000 U	2,500 U	2,500 U	2,500 U	66,000 UJ	42,000
S333	8/2/2000	15 - 30		SF0135	82,000 U	16,000 U	3,200 U	3,200 U	3,200 U	82,000 UJ	42,000
S333	8/2/2000	30 - 100	D1	SB0041	1,400 UJ	270 UJ	53 UJ	53 UJ	53 UJ	1,400 UJ	150 J
S333	8/2/2000	30 - 100	D2	SB0066	1,400 U	270 U	53 U	53 U	53 U	1,400 UJ	110
S333	8/2/2000	100 - 193		SB0042	1,500 U	290 U	57 U	57 U	57 U	1,500 UJ	57 U
S334	8/2/2000	0 - 15		SF0153	4,400 U	880 U	170 U	170 U	170 U	4,400 UJ	10,000
S334	8/2/2000	15 - 30		SF0154	7,200 U	1,400 U	280 U	280 U	280 U	7,200 UJ	13,000
S334	8/2/2000	30 - 110		SB0059	37,000 U	7,300 U	1,400 U	1,400 U	1,400 U	37,000 UJ	71,000
S334	8/2/2000	110 - 200		SB0060	19,000 U	3,900 U	750 U	750 U	750 U	19,000 UJ	43,000
S335	8/2/2000	0 - 15		SF0115	8,700 U	1,700 U	340 U	340 U	340 U	8,700 UJ	4,000
S335	8/2/2000	15 - 30		SF0116	29,000 U	5,800 U	1,100 U	1,100 U	1,100 U	29,000 UJ	11,000
S335	8/2/2000	30 - 100		SB0023	6,600 U	1,300 U	260 U	260 U	260 U	6,600 UJ	1,800
S335	8/2/2000	100 - 190	D1	SB0024	1,600 U	320 U	63 U	63 U	63 U	1,600 UJ	63 U
S335	8/2/2000	100 - 190	D2	SB0065	1,600 UJ	320 UJ	62 UJ	62 UJ	62 UJ	1,600 UJ	62 UJ
S336	8/3/2000	0 - 15		SF0117	850 U	170 U	33 U	33 U	33 U	850 U	720
S336	8/3/2000	15 - 30		SF0118	850 U	170 U	33 U	33 U	33 U	850 U	2,000
S336	8/3/2000	30 - 100		SB0025	850 U	170 U	33 U	33 U	33 U	850 U	3,500
S336	8/3/2000	100 - 200		SB0026	850 U	170 U	33 U	33 U	33 U	850 U	6,000
S337	8/11/2000	0 - 15		SF0174	2,100 U	420 U	81 U	81 U	81 UJ	2,100 U	330
S337	8/3/2000	15 - 30		SF0120	850 U	170 U	33 U	33 U	33 U	850 U	630
S337	8/3/2000	30 - 100		SB0027	850 U	170 U	33 U	33 U	33 U	850 U	2,800
S337	8/3/2000	100 - 200		SB0028	850 U	170 U	33 U	33 U	33 U	850 U	1,800
S338	8/3/2000	0 - 15		SF0121	850 U	170 U	33 U	33 U	33 U	850 U	1,300

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	4-Nitrophenol (µg/kg-dw)	N-Nitroso-dimethylamine (µg/kg-dw)	N-nitroso-di-n-propylamine (µg/kg-dw)	N-Nitroso-diphenylamine (µg/kg-dw)	2,2'-Oxybis(1-chloropropane) (µg/kg-dw)	Pentachlorophenol (µg/kg-dw)	Phenanthrene (µg/kg-dw)
S338	8/3/2000	15 - 30		SF0122	850 U	170 U	33 U	33 U	33 U	850 U	2,500
S338	8/3/2000	30 - 130		SB0029	850 U	170 U	33 UJ	33 U	33 U	850 U	310
S338	8/3/2000	130 - 200		SB0030	850 U	170 U	33 U	33 U	33 U	850 U	13,000
S339	8/3/2000	0 - 15		SF0124	850 U	170 U	33 U	33 U	33 U	850 U	4,600
S339	8/3/2000	15 - 30		SF0125	850 U	170 U	33 U	33 U	33 U	850 U	11,000
S339	8/3/2000	30 - 100		SB0031	850 U	170 U	33 UJ	33 U	33 U	850 U	20,000
S339	8/3/2000	100 - 168		SB0032	850 U	170 U	33 U	33 U	33 U	850 U	45,000
S339	8/3/2000	168 - 200		SF0123_E	850 U	170 U	33 U	33 U	33 U	850 U	8,400
S340	8/15/2000	0 - 2	D1	SF0123	1,700 UJ	350 UJ	67 UJ	67 UJ	67 UJ	1,700 UJ	640 J
S340	8/15/2000	0 - 2	D2	SF0123_R	17,000 UJ	3,400 UJ	660 UJ	660 UJ	660 UJ	17,000 UJ	660 UJ
S340	8/3/2000	0 - 15		SF0126	850 U	170 U	33 U	33 U	33 U	850 U	4,500
S340	8/3/2000	15 - 30		SF0127	850 U	170 U	33 U	33 U	33 U	850 U	990
S340	8/3/2000	30 - 100		SB0033	850 U	170 U	33 U	33 U	33 U	850 U	13,000
S340	8/3/2000	100 - 200		SB0034	850 U	170 U	33 U	33 U	33 U	850 U	23,000
S341	8/4/2000	0 - 15		SF0128	1,600 U	310 U	61 U	61 U	61 U	1,600 U	2,000
S341	8/4/2000	15 - 30		SF0129	2,200 UJ	440 UJ	86 UJ	86 UJ	86 UJ	2,200 UJ	410 J
S341	8/4/2000	30 - 85		SB0063	33,000 U	6,600 U	1,300 U	1,300 U	1,300 U	33,000 U	1,800
S341	8/4/2000	85 - 160		SB0064	16,000 UJ	3,100 U	610 U	610 U	610 U	16,000 UJ	27,000
S341	8/4/2000	160 - 200		SF0119	100,000 U	19,000 U	3,700 U	3,700 U	3,700 U	100,000 U	21,000
S342	8/10/2000	0 - 15		SF0130_T	15,000 UJ	3,000 U	580 U	580 U	580 U	15,000 UJ	960
S342	7/27/2000	15 - 30		SF0131	1,900 U	380 U	74 U	74 U	74 U	1,900 U	1,400
S342	7/27/2000	30 - 100		SB0037	1,900 UJ	380 UJ	73 UJ	73 UJ	73 UJ	1,900 UJ	2,100 J
S342	7/27/2000	100 - 200		SB0038	9,900 U	2,000 U	390 U	390 U	390 U	9,900 U	3,900
S343	8/4/2000	0 - 15		SF0132	29,000 U	5,700 U	1,100 U	1,100 U	1,100 U	29,000 U	2,300
S343	8/4/2000	15 - 30		SF0133	1,700 U	330 U	64 U	64 U	64 U	1,700 U	1,600
S343	8/4/2000	30 - 100	D1	SB0039	39,000 U	7,700 U	1,500 U	1,500 U	1,500 U	39,000 U	2,000
S343	8/4/2000	30 - 100	D2	SF0167	1,900 UJ	390 U	75 U	75 U	75 U	1,900 UJ	1,100
S343	8/4/2000	100 - 200		SB0040	7,200 UJ	1,400 U	280 U	280 U	280 U	7,200 UJ	1,200
S344	8/10/2000	0 - 15		SF0111_T	100,000 U	20,000 U	3,800 U	3,800 U	3,800 U	100,000 UJ	4,800
S344	7/27/2000	15 - 30		SF0112	32,000 U	6,300 U	1,200 U	1,200 U	1,200 U	32,000 U	2,000
S344	7/27/2000	30 - 100	D1	SB0019	1,800 UJ	360 UJ	70 UJ	70 UJ	70 UJ	1,800 UJ	920 J

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	4-Nitrophenol (µg/kg-dw)	N-Nitroso-dimethylamine (µg/kg-dw)	N-nitroso-di-n-propylamine (µg/kg-dw)	N-Nitroso-diphenylamine (µg/kg-dw)	2,2'-Oxybis(1-chloropropane) (µg/kg-dw)	Pentachlorophenol (µg/kg-dw)	Phenanthrene (µg/kg-dw)
S344	7/27/2000	30 - 100	D2	SB0070	1,700 UJ	340 UJ	66 UJ	66 UJ	66 UJ	1,700 UJ	520 J
S344	7/27/2000	100 - 200		SB0020	2,400 UJ	480 UJ	93 UJ	93 UJ	93 UJ	2,400 UJ	2,500 J
S345	8/4/2000	0 - 15		SF0136	20,000 UJ	4,100 U	790 U	790 U	790 U	20,000 UJ	790 U
S345	8/4/2000	15 - 30		SF0137	2,700 UJ	540 U	110 U	110 U	110 U	2,700 UJ	1,200
S345	8/4/2000	30 - 100		SB0043	48,000 U	9,600 U	1,900 U	1,900 U	1,900 U	48,000 U	1,900 U
S345	8/4/2000	100 - 200		SB0044	19,000 UJ	3,800 U	730 U	730 U	730 U	19,000 UJ	2,400
S346	8/4/2000	0 - 15		SF0138	6,900 U	1,400 U	270 U	270 U	270 U	6,900 U	770
S346	8/4/2000	15 - 30		SF0139	9,200 UJ	1,800 U	360 U	360 U	360 U	9,200 UJ	1,200
S346	8/4/2000	30 - 160		SB0045	18,000 UJ	3,600 U	690 U	690 U	690 U	18,000 UJ	2,400
S346	8/4/2000	160 - 200		SB0046	78,000 U	16,000 U	3,000 U	3,000 U	3,000 U	78,000 U	71,000
S347	8/4/2000	0 - 15		SF0140	14,000 UJ	2,800 U	540 U	540 U	540 U	14,000 UJ	540 U
S347	8/4/2000	15 - 30		SF0141	12,000 UJ	2,400 U	460 U	460 U	460 U	12,000 UJ	550
S347	8/4/2000	30 - 100		SB0047	2,200 UJ	440 UJ	85 UJ	85 UJ	85 UJ	2,200 UJ	460 J
S347	8/4/2000	100 - 200		SB0048	2,200 UJ	440 UJ	86 UJ	86 UJ	86 UJ	2,200 UJ	86 UJ
S348	8/5/2000	0 - 15		SF0142	25,000 U	5,100 U	980 U	980 U	980 U	25,000 U	980 U
S348	8/5/2000	15 - 30		SF0143	64,000 U	13,000 U	2,500 U	2,500 U	2,500 U	64,000 U	3,300 J
S348	8/5/2000	30 - 110		SB0049	26,000 U	5,300 U	1,000 U	1,000 U	1,000 U	26,000 U	2,300
S348	8/5/2000	110 - 200		SB0050	16,000 U	3,300 U	630 U	630 U	630 U	16,000 U	4,000
S349	8/5/2000	0 - 15		SF0144	8,700 U	1,700 U	340 U	340 U	340 U	8,700 U	2,400
S349	8/5/2000	15 - 30		SF0145	59,000 U	12,000 U	2,300 U	2,300 U	2,300 U	59,000 U	7,200
S349	8/5/2000	30 - 100		SB0051	20,000 U	4,100 U	790 U	790 U	790 U	20,000 U	880
S349	8/5/2000	100 - 200		SB0052	2,200 U	430 U	84 U	84 U	84 U	2,200 U	370
S350	8/5/2000	0 - 15		SF0146	2,300 U	450 U	88 U	88 U	88 U	2,300 U	2,200
S350	8/5/2000	15 - 30		SF0147	2,000 U	400 U	78 U	78 U	78 U	2,000 U	1,700
S350	8/5/2000	30 - 92		SB0053	45,000 U	9,000 U	1,800 U	1,800 U	1,800 U	45,000 U	2,700
S350	8/5/2000	92 - 200	D1	SB0054	18,000 U	3,500 U	680 U	680 U	680 U	18,000 U	12,000
S350	8/5/2000	92 - 200	D2	SB0067	18,000 U	3,500 U	680 U	680 U	680 U	18,000 U	8,600
S351	8/15/2000	0 - 2		SF0173	1,800 UJ	370 UJ	72 UJ	72 UJ	72 UJ	1,800 UJ	72 UJ
S351	8/5/2000	0 - 15		SF0149	4,600 U	920 U	180 U	180 U	180 U	4,600 U	6,700
S351	8/5/2000	15 - 30		SF0150	2,500 U	500 U	98 U	98 U	98 U	2,500 U	5,400
S351	8/5/2000	30 - 100		SB0055	67,000 U	13,000 U	2,600 U	2,600 U	2,600 U	67,000 U	82,000

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	4-Nitrophenol (µg/kg-dw)	N-Nitroso-dimethylamine (µg/kg-dw)	N-nitroso-di-n-propylamine (µg/kg-dw)	N-Nitroso-diphenylamine (µg/kg-dw)	2,2'-Oxybis(1-chloropropane) (µg/kg-dw)	Pentachlorophenol (µg/kg-dw)	Phenanthrene (µg/kg-dw)
S351	8/5/2000	100 - 200		SB0056	77,000 U	15,000 U	3,000 U	3,000 U	3,000 U	77,000 U	67,000
S352	8/10/2000	0 - 15		SF0151	15,000 UJ	3,100 UJ	600 UJ	600 UJ	600 UJ	15,000 UJ	38,000 J
S352	8/10/2000	15 - 30		SF0152	30,000 U	6,000 U	1,200 U	1,200 U	1,200 U	30,000 U	30,000
S352	8/10/2000	30 - 100		SB0057	7,200 UJ	1,400 UJ	280 UJ	280 UJ	280 UJ	7,200 UJ	9,800 J
S352	8/10/2000	100 - 200		SB0058	1,600 UJ	310 UJ	61 UJ	61 UJ	61 UJ	1,600 UJ	80 J
S353	7/27/2000	0 - 15		SF0113	14,000 U	2,800 U	540 U	540 U	540 U	14,000 U	10,000
S353	7/27/2000	15 - 30		SF0114	4,700 U	940 U	180 U	180 U	180 U	4,700 U	5,200
S353	7/27/2000	30 - 100		SB0021	1,300 UJ	260 UJ	50 UJ	50 UJ	50 UJ	1,300 UJ	2,000 J
S353	7/27/2000	100 - 200		SB0022	1,500 UJ	300 U	59 U	59 U	59 U	1,500 UJ	59 U
S354	8/10/2000	0 - 15		SF0155	3,300 UJ	670 UJ	130 UJ	130 UJ	130 UJ	3,300 UJ	370 J
S354	8/13/2000	15 - 30		SF0156	54,000 U	11,000 U	2,100 U	2,100 U	2,100 U	54,000 U	4,100
S354	8/13/2000	30 - 100		SB0061	3,100 U	620 U	120 U	120 U	120 U	3,100 U	6,600
S354	8/13/2000	100 - 200	D1	SB0062	2,400 U	480 U	92 U	92 U	92 U	2,400 U	1,800
S354	8/13/2000	100 - 200	D2	SB0069	24,000 U	4,800 U	930 U	930 U	930 U	24,000 U	2,400
S355	8/10/2000	0 - 15		SF0157	3,600 UJ	710 UJ	140 UJ	140 UJ	140 UJ	3,600 UJ	550 J
S355	8/13/2000	15 - 30		SF0158	2,800 U	560 U	110 U	110 U	110 U	2,800 U	380
S355	8/13/2000	30 - 100		SB0035	15,000 U	3,000 U	570 U	570 U	570 U	15,000 U	21,000
S355	8/13/2000	100 - 200		SB0036	2,300 U	450 U	88 U	88 U	88 U	2,300 U	830
S434	8/9/2000	0 - 15		SF0170	1,400 U	280 U	55 U	55 U	55 U	1,400 U	72 J
S434	8/9/2000	15 - 30		SF0171	1,600 U	310 U	60 U	60 U	60 U	1,600 U	60 U
S434	8/9/2000	30 - 100		SB0100	1,500 U	300 U	58 U	58 U	58 U	1,500 U	58 U
S434	8/9/2000	100 - 200		SB0101	1,500 U	300 U	59 U	59 U	59 U	1,500 U	59 U
S435	8/9/2000	0 - 5		SF0172	5,000,000 U	1,200,000 U	230,000 U	230,000 U	230,000 U	6,000,000 U	630,000 J

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Phenol (µg/kg-dw)	Pyrene (µg/kg-dw)	1,2,4-Trichlorobenzene (µg/kg-dw)	2,4,5-Trichlorophenol (µg/kg-dw)	2,4,6-Trichlorophenol (µg/kg-dw)
S324	7/13/2000	0 - 15		SF0092	77 U	58 J	77 U	400 U	400 U
S324	7/13/2000	15 - 30		SF0093	67 U	89	67 U	340 U	340 U
S324	7/13/2000	30 - 100	D1	SB0001	66 U	230	66 U	340 U	340 U
S324	7/13/2000	30 - 100	D2	SB0068	160	300	65 U	330 U	330 U
S324	7/13/2000	100 - 200		SB0002	94 UJ	94 UJ	94 UJ	480 UJ	480 UJ
S325	7/14/2000	0 - 2		SF0094	72 U	260	72 U	370 U	370 U
S325	7/14/2000	2 - 15		SF0095	72 U	120 J	72 UJ	370 U	370 U
S325	7/14/2000	15 - 30		SF0096	71 U	590	71 U	370 U	370 U
S325	7/14/2000	30 - 100		SB0003	130 U	9,700	130 U	660 U	660 U
S325	7/14/2000	100 - 200		SB0004	61 U	940	61 U	310 U	310 U
S326	7/14/2000	0 - 15		SF0097	78 U	300	78 U	400 U	400 U
S326	7/14/2000	15 - 30		SF0098	76 U	310	76 U	390 U	390 U
S326	7/14/2000	30 - 100		SB0005	84 U	580	84 U	430 U	430 U
S326	7/14/2000	100 - 200		SB0006	490	1,400	83 U	430 U	430 U
S327	8/5/2000	0 - 15		SF0099	890 U	890 U	890 U	4,600 U	4,600 U
S327	8/5/2000	15 - 30		SF0100	930 U	930 U	930 U	4,800 U	4,800 U
S327	8/5/2000	30 - 60		SB0007	940 U	2,100	940 U	4,800 U	4,800 U
S327	8/5/2000	60 - 140		SB0008	440 U	490	440 U	2,300 U	2,300 U
S327	8/5/2000	140 - 196		SF0148	830	2,200	600 U	3,100 U	3,100 U
S328	7/15/2000	0 - 15		SF0101	51 UJ	87 J	51 UJ	260 UJ	260 UJ
S328	7/15/2000	15 - 30		SF0102	58 U	58 U	58 U	300 U	300 U
S328	7/15/2000	30 - 100		SB0009	59 UJ	59 UJ	59 UJ	300 UJ	300 UJ
S328	7/15/2000	100 - 200		SB0010	55 UJ	55 UJ	55 UJ	280 UJ	280 UJ
S329	7/16/2000	0 - 15		SF0103	61 UJ	61 UJ	61 UJ	320 UJ	320 UJ
S329	7/16/2000	15 - 30		SF0104	58 UJ	58 UJ	58 UJ	300 UJ	300 UJ
S329	7/16/2000	30 - 100		SB0011	59 UJ	59 UJ	59 UJ	310 UJ	310 UJ
S329	7/16/2000	100 - 200		SB0012	56 UJ	56 UJ	56 UJ	290 UJ	290 UJ
S330	7/16/2000	0 - 15		SF0105	55 UJ	31 J	55 U	280 UJ	280 UJ
S330	7/16/2000	15 - 30		SF0106	56 UJ	56 U	56 U	290 UJ	290 UJ
S330	7/16/2000	30 - 100		SB0013	56 UJ	56 U	56 U	290 UJ	290 UJ
S330	7/16/2000	100 - 200		SB0014	56 U	56 U	56 U	290 U	290 U

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Phenol (µg/kg-dw)	Pyrene (µg/kg-dw)	1,2,4-Trichlorobenzene (µg/kg-dw)	2,4,5-Trichlorophenol (µg/kg-dw)	2,4,6-Trichlorophenol (µg/kg-dw)
S331	7/16/2000	0 - 15		SF0107	89 UJ	250 J	89 UJ	460 UJ	460 UJ
S331	7/16/2000	15 - 30		SF0108	110 UJ	970	110 U	580 UJ	580 UJ
S331	7/16/2000	30 - 100		SB0015	96 UJ	1,800 J	480 U	490 UJ	490 UJ
S331	7/16/2000	100 - 200		SB0016	2,300 U	8,500 J	2,300 U	12,000 U	12,000 U
S332	8/11/2000	0 - 15		SF0109	620 UJ	620 U	620 U	3,200 UJ	3,200 UJ
S332	8/10/2000	15 - 30		SF0110	1,700 J	14,000	690 U	3,500 UJ	3,500 UJ
S332	8/10/2000	30 - 100		SB0017	810 UJ	12,000	810 U	4,200 UJ	4,200 UJ
S332	8/10/2000	100 - 200		SB0018	1,900 J	14,000	720 U	3,700 UJ	3,700 UJ
S333	8/2/2000	0 - 15		SF0134	2,500 U	15,000	2,500 U	13,000 U	13,000 U
S333	8/2/2000	15 - 30		SF0135	3,200 U	20,000	3,200 U	16,000 U	16,000 U
S333	8/2/2000	30 - 100	D1	SB0041	53 UJ	180 J	53 UJ	270 UJ	270 UJ
S333	8/2/2000	30 - 100	D2	SB0066	53 U	150	53 U	270 U	270 U
S333	8/2/2000	100 - 193		SB0042	57 U	57 U	57 U	290 U	290 U
S334	8/2/2000	0 - 15		SF0153	170 U	9,600	170 U	880 U	880 U
S334	8/2/2000	15 - 30		SF0154	280 U	11,000	280 U	1,400 U	1,400 U
S334	8/2/2000	30 - 110		SB0059	1,400 U	43,000	1,400 U	7,300 U	7,300 U
S334	8/2/2000	110 - 200		SB0060	750 U	20,000 J	750 U	3,900 U	3,900 U
S335	8/2/2000	0 - 15		SF0115	340 U	3,400	340 U	1,700 U	1,700 U
S335	8/2/2000	15 - 30		SF0116	1,100 U	8,100	1,100 U	5,800 U	5,800 U
S335	8/2/2000	30 - 100		SB0023	260 U	1,800	260 U	1,300 U	1,300 U
S335	8/2/2000	100 - 190	D1	SB0024	650	63 U	63 U	320 U	320 U
S335	8/2/2000	100 - 190	D2	SB0065	130 J	62 UJ	62 UJ	320 UJ	320 UJ
S336	8/3/2000	0 - 15		SF0117	33 U	880	33 U	170 U	170 U
S336	8/3/2000	15 - 30		SF0118	33 U	2,500	33 U	170 U	170 U
S336	8/3/2000	30 - 100		SB0025	33 U	3,600	33 U	170 U	170 U
S336	8/3/2000	100 - 200		SB0026	33 U	5,900	33 U	170 U	170 U
S337	8/11/2000	0 - 15		SF0174	81 U	500	81 U	420 U	420 U
S337	8/3/2000	15 - 30		SF0120	33 U	990	33 U	170 U	170 U
S337	8/3/2000	30 - 100		SB0027	33 U	2,400	33 U	170 U	170 U
S337	8/3/2000	100 - 200		SB0028	33 U	2,500	33 U	170 U	170 U
S338	8/3/2000	0 - 15		SF0121	33 U	1,200	33 U	170 U	170 U

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Phenol (µg/kg-dw)	Pyrene (µg/kg-dw)	1,2,4-Trichlorobenzene (µg/kg-dw)	2,4,5-Trichlorophenol (µg/kg-dw)	2,4,6-Trichlorophenol (µg/kg-dw)
S338	8/3/2000	15 - 30		SF0122	33 U	2,100	33 U	170 U	170 U
S338	8/3/2000	30 - 130		SB0029	33 U	310	33 U	170 U	170 U
S338	8/3/2000	130 - 200		SB0030	1,200	10,000	33 U	170 U	170 U
S339	8/3/2000	0 - 15		SF0124	33 U	3,800	33 U	170 U	170 U
S339	8/3/2000	15 - 30		SF0125	33 U	8,100	33 U	170 U	170 U
S339	8/3/2000	30 - 100		SB0031	720	9,300	33 U	170 U	170 U
S339	8/3/2000	100 - 168		SB0032	33 U	17,000	33 U	170 U	170 U
S339	8/3/2000	168 - 200		SF0123_E	280	7,600	33 U	170 U	170 U
S340	8/15/2000	0 - 2	D1	SF0123	230 J	190 J	67 UJ	350 UJ	350 UJ
S340	8/15/2000	0 - 2	D2	SF0123_R	660 UJ	660 UJ	660 UJ	3,400 UJ	3,400 UJ
S340	8/3/2000	0 - 15		SF0126	33 U	2,200	500	170 U	170 U
S340	8/3/2000	15 - 30		SF0127	290	370	1,200	170 U	170 U
S340	8/3/2000	30 - 100		SB0033	33 U	4,300	33 U	170 U	170 U
S340	8/3/2000	100 - 200		SB0034	860	9,400	33 U	170 U	170 U
S341	8/4/2000	0 - 15		SF0128	440	1,100	330	310 U	310 U
S341	8/4/2000	15 - 30		SF0129	860 J	250 J	220 J	440 UJ	440 UJ
S341	8/4/2000	30 - 85		SB0063	1,700	1,300 U	1,300 U	6,600 U	6,600 U
S341	8/4/2000	85 - 160		SB0064	1,700 J	8,700	610 U	3,100 UJ	3,100 UJ
S341	8/4/2000	160 - 200		SF0119	3,700 U	4,800	3,700 U	19,000 U	19,000 U
S342	8/10/2000	0 - 15		SF0130_T	1,900 J	580 U	580 U	3,000 UJ	3,000 UJ
S342	7/27/2000	15 - 30		SF0131	2,000	470	74 U	380 U	380 U
S342	7/27/2000	30 - 100		SB0037	2,900 J	780 J	5,100 J	380 UJ	380 UJ
S342	7/27/2000	100 - 200		SB0038	2,900	1,100	390 U	2,000 U	2,000 U
S343	8/4/2000	0 - 15		SF0132	1,100 U	1,100 U	1,100 U	5,700 U	5,700 U
S343	8/4/2000	15 - 30		SF0133	2,000	920	64 U	330 U	330 U
S343	8/4/2000	30 - 100	D1	SB0039	2,000	1,500 U	1,500 U	7,700 U	7,700 U
S343	8/4/2000	30 - 100	D2	SF0167	1,500 J	470	75 U	390 UJ	390 UJ
S343	8/4/2000	100 - 200		SB0040	3,600 J	1,000	280 U	1,400 UJ	1,400 UJ
S344	8/10/2000	0 - 15		SF0111_T	3,800 U	3,800 U	35,000	20,000 U	20,000 U
S344	7/27/2000	15 - 30		SF0112	1,200 U	1,200 U	15,000 J	6,300 U	6,300 U
S344	7/27/2000	30 - 100	D1	SB0019	3,100 J	290 J	70 UJ	360 UJ	360 UJ

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Phenol (µg/kg-dw)	Pyrene (µg/kg-dw)	1,2,4-Trichlorobenzene (µg/kg-dw)	2,4,5-Trichlorophenol (µg/kg-dw)	2,4,6-Trichlorophenol (µg/kg-dw)
S344	7/27/2000	30 - 100	D2	SB0070	1,400 J	180 J	170 J	340 UJ	340 UJ
S344	7/27/2000	100 - 200		SB0020	4,200 J	970 J	6,300 J	480 UJ	480 UJ
S345	8/4/2000	0 - 15		SF0136	940 J	790 U	790 U	4,100 UJ	4,100 UJ
S345	8/4/2000	15 - 30		SF0137	3,500 J	110 U	110 U	540 UJ	540 UJ
S345	8/4/2000	30 - 100		SB0043	5,800	1,900 U	1,900 U	9,600 U	9,600 U
S345	8/4/2000	100 - 200		SB0044	10,000 J	730 U	730 U	3,800 UJ	3,800 UJ
S346	8/4/2000	0 - 15		SF0138	270 U	620	270 U	1,400 U	1,400 U
S346	8/4/2000	15 - 30		SF0139	400 J	,800	360 U	1,800 UJ	1,800 UJ
S346	8/4/2000	30 - 160		SB0045	1,300 J	1,000	690 U	3,600 UJ	3,600 UJ
S346	8/4/2000	160 - 200		SB0046	3,000 U	19,000	3,000 U	16,000 U	16,000 U
S347	8/4/2000	0 - 15		SF0140	540 UJ	540 U	3,700	2,800 UJ	2,800 UJ
S347	8/4/2000	15 - 30		SF0141	580 J	460 U	1,300	2,400 UJ	2,400 UJ
S347	8/4/2000	30 - 100		SB0047	390 J	85 UJ	290 J	440 UJ	440 UJ
S347	8/4/2000	100 - 200		SB0048	86 UJ	86 UJ	86 UJ	440 UJ	440 UJ
S348	8/5/2000	0 - 15		SF0142	980 U	980 U	980 U	5,100 U	5,100 U
S348	8/5/2000	15 - 30		SF0143	2,500 U	2,700 J	2,500 U	13,000 U	13,000 U
S348	8/5/2000	30 - 110		SB0049	2,500	1,000 U	1,000 U	5,300 U	5,300 U
S348	8/5/2000	110 - 200		SB0050	1,900	2,500	770	3,300 U	3,300 U
S349	8/5/2000	0 - 15		SF0144	2,600	1,500	340 U	1,700 U	1,700 U
S349	8/5/2000	15 - 30		SF0145	3,100	5,300	2,300 U	12,000 U	12,000 U
S349	8/5/2000	30 - 100		SB0051	4,500	790 U	790 U	4,100 U	4,100 U
S349	8/5/2000	100 - 200		SB0052	5,000	240	84 U	430 U	430 U
S350	8/5/2000	0 - 15		SF0146	190	940	340	450 U	450 U
S350	8/5/2000	15 - 30		SF0147	210	470	78 U	400 U	400 U
S350	8/5/2000	30 - 92		SB0053	1,800 U	1,800 U	1,800 U	9,000 U	9,000 U
S350	8/5/2000	92 - 200	D1	SB0054	680 U	8,900	680 U	3,500 U	3,500 U
S350	8/5/2000	92 - 200	D2	SB0067	680 U	6,700	680 U	3,500 U	3,500 U
S351	8/15/2000	0 - 2		SF0173	72 UJ	72 UJ	72 UJ	370 UJ	370 UJ
S351	8/5/2000	0 - 15		SF0149	250	9,700	2,400	920 U	920 U
S351	8/5/2000	15 - 30		SF0150	98 U	3,500	420	500 U	500 U
S351	8/5/2000	30 - 100		SB0055	2,600 U	37,000	2,600 U	13,000 U	13,000 U

Table B1-9. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Phenol (µg/kg-dw)	Pyrene (µg/kg-dw)	1,2,4-Trichlorobenzene (µg/kg-dw)	2,4,5-Trichlorophenol (µg/kg-dw)	2,4,6-Trichlorophenol (µg/kg-dw)
S351	8/5/2000	100 - 200		SB0056	3,000 U	36,000	3,000 U	15,000 U	15,000 U
S352	8/10/2000	0 - 15		SF0151	600 UJ	26,000 J	600 UJ	3,100 UJ	3,100 UJ
S352	8/10/2000	15 - 30		SF0152	1,200 U	19,000	1,200 U	6,000 U	6,000 U
S352	8/10/2000	30 - 100		SB0057	280 UJ	7,200 J	280 UJ	1,400 UJ	1,400 UJ
S352	8/10/2000	100 - 200		SB0058	61 UJ	73 J	61 UJ	310 UJ	310 UJ
S353	7/27/2000	0 - 15		SF0113	540 U	13,000	540 U	2,800 U	2,800 U
S353	7/27/2000	15 - 30		SF0114	180 U	9,300	,200 J	940 U	940 U
S353	7/27/2000	30 - 100		SB0021	50 UJ	1,500 J	50 UJ	260 UJ	260 UJ
S353	7/27/2000	100 - 200		SB0022	59 UJ	59 U	59 U	300 UJ	300 UJ
S354	8/10/2000	0 - 15		SF0155	130 UJ	740 J	130 UJ	670 UJ	670 UJ
S354	8/13/2000	15 - 30		SF0156	2,100 U	3,800	2,100 U	11,000 U	11,000 U
S354	8/13/2000	30 - 100		SB0061	120 U	4,300	120 U	620 U	620 U
S354	8/13/2000	100 - 200	D1	SB0062	92 U	1,700	92 U	480 U	480 U
S354	8/13/2000	100 - 200	D2	SB0069	930 U	1,200	930 U	4,800 U	4,800 U
S355	8/10/2000	0 - 15		SF0157	140 UJ	1,300 J	140 UJ	710 UJ	710 UJ
S355	8/13/2000	15 - 30		SF0158	110 U	640	110 U	560 U	560 U
S355	8/13/2000	30 - 100		SB0035	570 U	34,000	570 U	3,000 U	3,000 U
S355	8/13/2000	100 - 200		SB0036	88 U	930	88 U	450 U	450 U
S434	8/9/2000	0 - 15		SF0170	55 U	230 J	55 U	280 U	280 U
S434	8/9/2000	15 - 30		SF0171	60 U	60 U	60 U	310 U	310 U
S434	8/9/2000	30 - 100		SB0100	58 U	58 U	58 U	300 U	300 U
S434	8/9/2000	100 - 200		SB0101	59 U	59 U	59 U	300 U	300 U
S435	8/9/2000	0 - 5		SF0172	230,000 U	230,000 U	230,000 U	1,200,000 U	1,200,000 U

Table B1-10. Pesticides in 2-m Cores

Station	Date	Depth (cm)	Duplicate	Sample Number	Aldrin (µg/kg-dw)	alpha-BHC (µg/kg-dw)	beta-BHC (µg/kg-dw)	delta-BHC (µg/kg-dw)	gamma-BHC (Lindane) (µg/kg-dw)	alpha-Chlordane (µg/kg-dw)	gamma-Chlordane (µg/kg-dw)	4,4'-DDD (µg/kg-dw)
S324	7/13/2000	0 - 15		SF0092	1 UJ	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ
S324	7/13/2000	15 - 30		SF0093	1 UJ	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ
S324	7/13/2000	30 - 100	D1	SB0001	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR
S324	7/13/2000	30 - 100	D2	SB0068	1 UJ	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ
S324	7/13/2000	100 - 200		SB0002	1 UJ	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ
S325	7/14/2000	0 - 2		SF0094	1.02 U	1.02 UJ	1.02 UJ	1.02 UR	1.02 UJ	1.02 U	1.02 U	1.02 UJ
S325	7/14/2000	2 - 15		SF0095	1 U	1 UJ	1 UJ	1 UR	1 UJ	1 U	1 U	1 UJ
S325	7/14/2000	15 - 30		SF0096	1 U	1 UJ	1 UJ	1 UR	1 UJ	1 U	1 U	1 UJ
S325	7/14/2000	30 - 100		SB0003	1.21 R	1 UJ	1 UJ	1 UR	1 UJ	1 U	1 U	1 UJ
S325	7/14/2000	100 - 200		SB0004	4.37 R	1.02 UJ	1.02 UJ	1.02 UR	1.02 UJ	1.02 U	1.02 U	1.02 UJ
S326	7/14/2000	0 - 15		SF0097	1.95 J	1 U	1 U	1 U	1 U	1.01 R	2.31 J	1 U
S326	7/14/2000	15 - 30		SF0098	1.82 R	1 U	1 U	1 U	1 U	1 U	1 U	1 U
S326	7/14/2000	30 - 100		SB0005	7.52 UJ	1 UJ	1 UJ	1 UR	1 UJ	1.25 J	1 U	1 UJ
S326	7/14/2000	100 - 200		SB0006	1.29 R	1 UJ	1.3 J	1 UR	1 UJ	1 U	1.29 J	1 UJ
S327	8/5/2000	0 - 15		SF0099	1.09 U	1.09 UJ	2.8 R	1.09 UR	1.09 UJ	8.7 J	24.2	1.09 UJ
S327	8/5/2000	15 - 30		SF0100	1.08 U	1.42 J	2.32 R	1.08 UR	1.08 UJ	1.08 UJ	3.17 R	1.08 UJ
S327	8/5/2000	30 - 60		SB0007	1.09 U	1.68 J	14.6 J	1.09 UR	1.09 UJ	1.09 UJ	1.09 U	1.09 UJ
S327	8/5/2000	60 - 140		SB0008	1.07 U	1.07 UJ	1.07 UJ	1.07 UR	1.07 UJ	1.07 UJ	1.07 U	1.07 UJ
S327	8/5/2000	140 - 196		SF0148	1.09 U	1.09 UJ	1.57 R	1.09 UR	1.09 UJ	1.09 UJ	15.5	1.09 UJ
S328	7/15/2000	0 - 15		SF0101	1 U	1 UJ	1 UJ	1 UR	1 UJ	1 U	1 U	1 UJ
S328	7/15/2000	15 - 30		SF0102	1 U	1 UJ	1 UJ	1 UR	1 UJ	1 U	1 U	1 UJ
S328	7/15/2000	30 - 100		SB0009	1 U	1 UJ	1 UJ	1 UR	1 UJ	1 U	1 U	1 UJ
S328	7/15/2000	100 - 200		SB0010	1 U	1 UJ	1 UJ	1 UR	1 UJ	1 U	1 U	1 UJ
S329	7/16/2000	0 - 15		SF0103	1 UJ	1 UJ	1 UJ	2 J	1 UJ	1 UJ	1 UJ	1 UJ
S329	7/16/2000	15 - 30		SF0104	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S329	7/16/2000	30 - 100		SB0011	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U	1 U	1 UJ
S329	7/16/2000	100 - 200		SB0012	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U	1 U	1 UJ
S330	7/16/2000	0 - 15		SF0105	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S330	7/16/2000	15 - 30		SF0106	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ

Table B1-10. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Aldrin (µg/kg-dw)	alpha-BHC (µg/kg-dw)	beta-BHC (µg/kg-dw)	delta-BHC (µg/kg-dw)	gamma-BHC (Lindane) (µg/kg-dw)	alpha-Chlordane (µg/kg-dw)	gamma-Chlordane (µg/kg-dw)	4,4'-DDD (µg/kg-dw)
S330	7/16/2000	30 - 100		SB0013	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U	1 U	1 UJ
S330	7/16/2000	100 - 200		SB0014	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U	1 U	1 UJ
S331	7/16/2000	0 - 15		SF0107	4 R	1 UJ	1 UJ	1 J	1 UJ	1 UJ	5 J	1 UJ
S331	7/16/2000	15 - 30		SF0108	1 UR	2 J	1 UR	1 UR	1 UR	2 R	40 J	7 J
S331	7/16/2000	30 - 100		SB0015	1 UR	1.15 R	5.08 J	1.18 R	1 UJ	2.18 J	6.35 J	1 UR
S331	7/16/2000	100 - 200		SB0016	1 UJ	1.28 R	1.98 R	3.47 R	1 UJ	1 U	1 U	1 UJ
S332	8/11/2000	0 - 15		SF0109	1.08 UR	1.08 UR	1.55 R	2.4 J	4.24 J	1.15 J	1.08 UR	1.08 UR
S332	8/10/2000	15 - 30		SF0110	1.08 UJ	1.08 UJ	1.08 UJ	2.11 J	1.08 UJ	2.91 J	1.08 UJ	1.08 UR
S332	8/10/2000	30 - 100		SB0017	1.06 U	1.06 UJ	3.55 R	6.32 J	1.06 UJ	1.06 U	1.06 U	1.06 UJ
S332	8/10/2000	100 - 200		SB0018	1.07 U	1.07 UJ	1.07 UJ	6.87 J	1.07 UJ	3.36 J	1.07 U	1.07 UJ
S333	8/2/2000	0 - 15		SF0134	1.03 UR	1.03 UR	2 J	1.03 UR	1.03 UR	1.03 UR	1.03 UR	1.03 UR
S333	8/2/2000	15 - 30		SF0135	1.02 UR	1.02 UR	1.73 R	3.41 J	1.02 UR	1.02 UR	1.02 UR	1.02 UR
S333	8/2/2000	30 - 100	D1	SB0041	1.02 UR	1.02 UR	1.02 UR	1.02 UR	1.02 UR	1.02 UR	1.02 UR	1.02 UR
S333	8/2/2000	30 - 100	D2	SB0066	1.03 UR	1.03 UR	1.03 UR	1.03 UR	1.03 UR	1.03 UR	1.03 UR	1.03 UR
S333	8/2/2000	100 - 193		SB0042	1.11 UR	1.11 UR	1.11 UR	1.11 UR	1.11 UR	1.11 UR	1.11 UR	1.11 UR
S334	8/2/2000	0 - 15		SF0153	1.01 UR	1.01 UR	1.07 R	1.01 UR	1.01 UR	1.01 UR	1.01 UR	1.01 UR
S334	8/2/2000	15 - 30		SF0154	1.04 UR	1.04 UR	2.25 J	3.06 R	1.04 UR	1.04 UR	1.04 UR	1.04 UR
S334	8/2/2000	30 - 110		SB0059	1.09 UR	1.09 UR	3.8 J	1.09 UR	1.09 UR	1.09 UR	1.09 UR	1.09 UR
S334	8/2/2000	110 - 200		SB0060	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.91 J	1.81 R	1.08 UR
S335	8/2/2000	0 - 15		SF0115	1.03 UR	1.03 UR	3.88 J	1.03 UR	1.03 UR	1.03 UR	1.03 UR	1.03 UR
S335	8/2/2000	15 - 30		SF0116	1.01 UR	1.01 UR	3.9 J	1.62 R	1.01 UR	1.01 UR	1.01 UR	1.01 UR
S335	8/2/2000	30 - 100		SB0023	1.04 UR	1.04 UR	1.04 UR	1.04 UR	1.04 UR	1.04 UR	1.04 UR	1.04 UR
S335	8/2/2000	100 - 190	D1	SB0024	1.05 UR	1.05 UR	1.05 UR	1.05 UR	1.05 UR	1.05 UR	1.05 UR	1.05 UR
S335	8/2/2000	100 - 190	D2	SB0065	1.02 UR	1.02 UR	1.02 UR	1.02 UR	1.02 UR	1.02 UR	1.02 UR	1.02 UR
S336	8/3/2000	0 - 15		SF0117	1.04 UJ	1.04 UJ	1.04 UJ	1.04 UR	1.04 UJ	1.04 UJ	1.27 J	1.04 UJ
S336	8/3/2000	15 - 30		SF0118	1.9 J	1.11 UJ	1.11 UJ	1.11 UR	1.11 UJ	1.11 UJ	1.11 U	1.11 UJ
S336	8/3/2000	30 - 100		SB0025	1.02 UR	1.02 UR	2.34 J	1.02 UR	1.02 UR	1.02 UR	9.74 J	1.02 UR
S336	8/3/2000	100 - 200		SB0026	2.42 R	1.06 UR	2.07 R	6.92 J	1.06 UR	1.06 UR	1.06 UR	1.06 UR
S337	8/11/2000	0 - 15		SF0174	1.57 J	1.06 UJ	1.06 UJ	1.06 UR	1.06 UJ	1.06 UJ	3.19 J	1.06 UJ
S337	8/3/2000	15 - 30		SF0120	1.08 UJ	1.45 J	6.25 J	1.08 UR	1.08 UJ	1.08 UJ	11.1 J	1.08 UJ
S337	8/3/2000	30 - 100		SB0027	1.04 UR	1.04 UR	1.04 UR	1.04 UR	1.04 UR	1.76 J	9.45 J	1.04 UR

Table B1-10. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Aldrin (µg/kg-dw)	alpha-BHC (µg/kg-dw)	beta-BHC (µg/kg-dw)	delta-BHC (µg/kg-dw)	gamma-BHC (Lindane) (µg/kg-dw)	alpha-Chlordane (µg/kg-dw)	gamma-Chlordane (µg/kg-dw)	4,4'-DDD (µg/kg-dw)
S337	8/3/2000	100 - 200		SB0028	1.1 UR	1.1 UR	1.8 J	1.1 UR	1.1 UR	1.1 UR	3.12 J	3.21 R
S338	8/3/2000	0 - 15		SF0121	1.01 UJ	2.5 J	9.71 J	1.01 UR	1.11 R	2.49 J	6.94 R	1.01 UJ
S338	8/3/2000	15 - 30		SF0122	1.06 UJ	1.06 UJ	4.67 R	1.06 UR	1.06 UJ	2.28 R	2.74 R	1.06 UJ
S338	8/3/2000	30 - 130		SB0029	1.09 UR	1.36 R	1.5 R	1.09 UR	1.09 UR	2.26 J	10 J	1.09 UR
S338	8/3/2000	130 - 200		SB0030	1.09 UR	1.09 UR	1.09 UR	1.09 UR	1.09 UR	1.09 UR	1.09 UR	1.09 UR
S339	8/3/2000	0 - 15		SF0124	3.52 J	1.08 J	3.28 R	1.05 UR	1.05 UJ	1.05 UJ	2.6 R	1.05 UJ
S339	8/3/2000	15 - 30		SF0125	1.09 UJ	1.09 UJ	4.6 J	1.67 J	1.09 UJ	1.09 UJ	4.51 J	1.09 UJ
S339	8/3/2000	30 - 100		SB0031	1.14 R	1.02 UJ	2.4 J	1.76 J	1.02 UJ	1.02 UJ	1.02 U	1.02 UJ
S339	8/3/2000	100 - 168		SB0032	1.41 J	1.03 UJ	1.34 R	1.03 UR	1.03 UJ	1.03 U	1.03 U	1.03 UJ
S339	8/3/2000	168 - 200		SF0123_E	1.08 UJ	1.08 UJ	3.12 J	1.08 UR	1.08 UJ	1.08 UJ	1.08 U	1.08 UJ
S340	8/15/2000	0 - 2	D1	SF0123	1.09 UJ	1.09 UJ	1.09 UJ	1.16 R	1.09 UJ	1.09 UJ	1.6 J	1.09 UR
S340	8/15/2000	0 - 2	D2	SF0123_R	1.05 UR	1.05 UR	1.62 J	1.05 UR	1.05 UR	1.05 UR	1.05 UR	1.05 UR
S340	8/3/2000	0 - 15		SF0126	1.08 UR	1.73 J	1.08 UJ	1.58 J	1.08 UR	1.08 UJ	1.08 U	1.08 UR
S340	8/3/2000	15 - 30		SF0127	1.07 UR	1.07 UR	1.07 UJ	1.07 UR	1.07 UR	1.07 UJ	1.07 U	1.07 UR
S340	8/3/2000	30 - 100		SB0033	1 UJ	1 UR	1 UJ	3.34 R	1 UJ	1 UJ	1 UJ	1 UR
S340	8/3/2000	100 - 200		SB0034	1.02 UJ	1.02 UJ	2.65 J	1.02 UR	1.02 UJ	1.02 UJ	1.02 U	1.02 UJ
S341	8/4/2000	0 - 15		SF0128	1.07 UR	1.07 UR	1.07 UJ	1.07 UR	1.07 UR	1.07 UJ	1.07 U	1.07 UR
S341	8/4/2000	15 - 30		SF0129	1.06 UR	1.06 UR	1.06 UJ	1.06 UR	1.06 UR	1.06 UJ	1.06 U	1.06 UR
S341	8/4/2000	30 - 85		SB0063	1.01 UJ	1.01 UJ	1.01 UJ	1.13 R	1.01 UJ	1.01 UJ	1.01 UJ	1.01 UJ
S341	8/4/2000	85 - 160		SB0064	1.03 UJ	1.03 UJ	1.03 UJ	3.26 J	1.03 UJ	1.03 UJ	1.41 UJ	1.03 UJ
S341	8/4/2000	160 - 200		SF0119	1.02 UJ	1.02 UJ	1.02 UJ	3.23 J	1.02 UJ	3.9 J	1.02 UJ	1.02 UJ
S342	8/10/2000	0 - 15		SF0130_T	1.09 U	1.09 UJ	1.48 J	2.39 J	1.09 UJ	1.09 UJ	1.09 U	2.27 R
S342	7/27/2000	15 - 30		SF0131	1.03 UJ	1.03 UJ	1.03 U	1.03 UJ	1.03 UJ	1.15 R	1.18 R	1.03 UJ
S342	7/27/2000	30 - 100		SB0037	5.06 J	1.04 UJ	6.57 R	3.93 R	1.04 UJ	1.04 UJ	3.59 J	1.04 UJ
S342	7/27/2000	100 - 200		SB0038	4.38 J	1.04 UJ	3.48 R	1.04 UJ	1.04 UJ	1.04 UJ	1.04 UJ	1.04 UJ
S343	8/4/2000	0 - 15		SF0132	1.05 UR	1.05 UR	1.1 R	1.05 UR	1.05 UR	1.05 UR	1.05 UR	1.05 UR
S343	8/4/2000	15 - 30		SF0133	1.05 UR	1.05 UR	1.79 R	1.92 R	1.05 UR	1.05 UJ	1.05 U	1.05 UR
S343	8/4/2000	30 - 100	D1	SB0039	1.02 UJ	1.02 UJ	1.57 R	2.12 J	1.02 UJ	1.02 UJ	1.02 UJ	1.02 UJ
S343	8/4/2000	30 - 100	D2	SF0167	1.02 UJ	1.02 UJ	1.02 UJ	1.08 J	1.02 UJ	1.02 UJ	1.02 UJ	1.02 UJ
S343	8/4/2000	100 - 200		SB0040	1.02 UJ	2.73 J	1.02 UJ	1.57 J	1.02 UJ	1.02 UJ	1.02 UJ	1.02 UJ

Table B1-10. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Aldrin (µg/kg-dw)	alpha-BHC (µg/kg-dw)	beta-BHC (µg/kg-dw)	delta-BHC (µg/kg-dw)	gamma-BHC (Lindane) (µg/kg-dw)	alpha-Chlordane (µg/kg-dw)	gamma-Chlordane (µg/kg-dw)	4,4'-DDD (µg/kg-dw)
S344	8/10/2000	0 - 15		SF0111_T	1.08 U	4.35 J	1.08 UJ	2.41 J	1.08 UJ	1.08 UJ	1.08 U	1.08 UJ
S344	7/27/2000	15 - 30		SF0112	2.3 R	3.9 J	1.04 U	1.04 UJ	1.04 UJ	1.98 R	7.83 R	1.04 UJ
S344	7/27/2000	30 - 100	D1	SB0019	1.02 UJ	4.02 R	1.02 U	1.02 UJ	18.6 J	1.49 J	4.27 R	1.02 UJ
S344	7/27/2000	30 - 100	D2	SB0070	18.7 R	3.98 J	1.01 UJ	1.01 UR	1.01 UR	1.01 UJ	6.08 R	1.01 UJ
S344	7/27/2000	100 - 200		SB0020	1.02 UJ	1.02 UJ	1.02 U	1.02 UJ	1.02 UJ	1.02 UJ	1.02 U	3.25 J
S345	8/4/2000	0 - 15		SF0136	1.14 UR	1.14 UR	1.14 UJ	1.14 UR	1.14 UR	1.14 UJ	1.14 U	1.14 UR
S345	8/4/2000	15 - 30		SF0137	1.06 UJ	1.06 UJ	1.06 UJ	2.1 J	1.06 UJ	1.06 UJ	1.06 UJ	1.06 UJ
S345	8/4/2000	30 - 100		SB0043	1.01 UJ	1.01 UJ	1.01 UJ	1.01 UR	1.01 UJ	1.01 UJ	1.01 UJ	1.01 UJ
S345	8/4/2000	100 - 200		SB0044	1.05 UJ	1.05 UJ	1.05 UJ	1.05 UR	1.05 UJ	1.05 UJ	1.79 J	1.05 UJ
S346	8/4/2000	0 - 15		SF0138	1.08 UJ	1.08 UJ	3.28 R	1.58 R	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UJ
S346	8/4/2000	15 - 30		SF0139	1.09 UJ	1.09 UJ	1.09 UJ	2.02 J	1.09 UJ	1.09 UJ	1.09 UJ	1.09 UJ
S346	8/4/2000	30 - 160		SB0045	1.03 UJ	1.03 UJ	1.69 R	2.25 J	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ
S346	8/4/2000	160 - 200		SB0046	1.02 U	1.02 UJ	2.4 R	1.22 R	1.02 UJ	1.02 U	1.02 U	1.02 UJ
S347	8/4/2000	0 - 15		SF0140	1.01 UJ	1.01 UJ	1.01 UJ	1.01 J	1.01 UJ	1.01 UJ	1.08 J	1.01 UJ
S347	8/4/2000	15 - 30		SF0141	1.01 UJ	1.01 UJ	1.01 UJ	1.29 J	1.01 UJ	1.01 UJ	1.01 UJ	1.01 UJ
S347	8/4/2000	30 - 100		SB0047	1.04 U	1.04 UJ	1.04 U	1.04 UR	1.04 UJ	1.04 U	1.04 U	1.04 UJ
S347	8/4/2000	100 - 200		SB0048	1.01 U	1.01 UJ	1.01 U	1.01 UR	1.01 UJ	1.01 U	1.01 U	1.01 UJ
S348	8/5/2000	15 - 30		SF0143	1.05 U	1.05 UJ	1.05 U	1.05 UR	1.05 UJ	1.05 U	1.05 U	1.05 UJ
S348	8/5/2000	30 - 110		SB0049	1.08 U	1.08 UJ	1.08 U	1.28 J	1.08 UJ	1.08 UJ	1.08 U	1.08 UJ
S348	8/5/2000	110 - 200		SB0050	1.1 U	1.1 UJ	2.19 R	1.87 R	1.1 UJ	1.12 J	1.1 U	1.1 UJ
S349	8/5/2000	0 - 15		SF0144	1.05 U	1.6 J	1.8 J	1.12 R	1.05 UJ	1.05 UJ	2.75	1.05 UJ
S349	8/5/2000	15 - 30		SF0145	1.01 UR	1.66 J	1.01 UR	4.59 R	1.01 UR	1.01 UR	1.01 UR	3.85 J
S349	8/5/2000	100 - 200		SB0052	1.1 U	1.1 UJ	1.1 UJ	1.1 UR	1.1 UJ	1.1 UJ	1.1 U	1.1 UJ
S350	8/5/2000	0 - 15		SF0146	1.04 UR	1.04 UR	1.04 UR	1.66 J	1.04 UR	1.04 UR	1.38 J	1.04 UR
S350	8/5/2000	15 - 30		SF0147	1.01 U	1.25 R	1.1 R	1.01 UR	1.01 UJ	1.01 UJ	1.01 U	1.01 UJ
S350	8/5/2000	30 - 92		SB0053	1.1 U	1.39 J	1.1 UJ	1.1 UR	1.1 UJ	1.17 J	1.1 U	1.1 UJ
S350	8/5/2000	92 - 200	D1	SB0054	1.08 U	1.08 UJ	1.08 UJ	1.98 J	1.08 UJ	1.08 UJ	1.08 U	1.08 UJ
S350	8/5/2000	92 - 200	D2	SB0067	1.17 UJ	1.17 UJ	1.17 UJ	1.64 R	1.17 UJ	1.17 UJ	5.39 J	1.17 UJ
S351	8/15/2000	0 - 2		SF0173	1.66 R	1.25 R	1.07 UJ	1.54 J	1.07 UJ	3.96 J	10.4 J	4.15 R
S351	8/5/2000	0 - 15		SF0149	1.1 U	2.17 J	2.34 J	1.1 UR	1.1 UJ	1.1 UJ	4.29 J	1.3 J

Table B1-10. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Aldrin (µg/kg-dw)	alpha-BHC (µg/kg-dw)	beta-BHC (µg/kg-dw)	delta-BHC (µg/kg-dw)	gamma-BHC (Lindane) (µg/kg-dw)	alpha-Chlordane (µg/kg-dw)	gamma-Chlordane (µg/kg-dw)	4,4'-DDD (µg/kg-dw)
S351	8/5/2000	15 - 30		SF0150	1.08 U	1.49 J	1.56 J	1.08 UR	1.08 UJ	1.08 UJ	7.95	1.08 UJ
S351	8/5/2000	30 - 100		SB0055	1.09 U	1.09 UJ	1.09 UJ	1.09 UJ	1.09 UJ	1.09 UJ	1.09 U	1.09 UJ
S351	8/5/2000	100 - 200		SB0056	1.08 UJ	2.51 J	2.9 J	1.08 UR	1.08 UR	1.08 UJ	1.08 U	1.08 UJ
S352	8/10/2000	0 - 15		SF0151	1.09 U	1.95 R	1.09 UJ	1.87 J	1.09 UJ	14.8 J	25.6 J	1.09 UJ
S352	8/10/2000	15 - 30		SF0152	1.08 U	1.41 R	1.08 UJ	1.08 UR	1.08 UJ	7.79 J	9.89 J	1.08 UJ
S352	8/10/2000	30 - 100		SB0057	1.1 U	1.67 J	1.1 UJ	1.1 UR	1.1 UJ	1.1 UJ	9.95 J	4.21 J
S352	8/10/2000	100 - 200		SB0058	1.08 U	1.08 UJ	1.08 UJ	1.08 UR	1.08 UJ	1.08 UJ	1.08 U	1.08 UJ
S353	7/27/2000	0 - 15		SF0113	3.36 R	1.87 J	1.01 U	1.01 UJ	1.01 UJ	1.01 U	1.01 U	1.01 UJ
S353	7/27/2000	15 - 30		SF0114	1.05 UJ	1.05 UJ	1.05 U	1.05 UJ	1.05 UJ	1.05 U	2.49 J	3.61 R
S353	7/27/2000	30 - 100		SB0021	1.02 UJ	3.51 J	1.05 J	1.02 UJ	1.02 UR	1.02 UR	1.02 U	1.02 UJ
S353	7/27/2000	100 - 200		SB0022	1.03 UJ	1.03 UJ	1.03 U	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ	1.03 UJ
S354	8/10/2000	0 - 15		SF0155	1.09 U	1.09 UJ	1.09 UJ	1.09 UR	1.09 UJ	1.52 J	1.04 J	1.09 UJ
S354	8/13/2000	15 - 30		SF0156	2.49 R	1.07 UR	1.07 UR	2.14 J	1.07 UR	2.14 J	4.37 J	1.07 UR
S354	8/13/2000	30 - 100		SB0061	1.09 UJ	6.75 J	1.09 UJ	4.23 J	1.09 UJ	20.6 J	33.5 R	10.3 R
S354	8/13/2000	100 - 200	D1	SB0062	1.67 R	1.06 UJ	1.06 UJ	8.73 J	1.06 UJ	1.73 R	4.51 R	1.06 UJ
S354	8/13/2000	100 - 200	D2	SB0069	2.83 R	4.43 J	1.07 UJ	1.07 UR	1.07 UJ	6.07 J	14.8 J	5.48 R
S355	8/10/2000	0 - 15		SF0157	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UR	1.08 UJ	1.08 UJ	2.1 R	1.08 UJ
S355	8/13/2000	15 - 30		SF0158	2.91 R	1.07 UR	1.07 UR	1.07 UR	1.07 UR	2.19 J	4.85 J	1.07 UR
S355	8/13/2000	30 - 100		SB0035	1.08 UJ	2.3 J	2.18 R	1.08 UR	1.08 UJ	5.84 J	23.6 J	10.7 R
S355	8/13/2000	100 - 200		SB0036	2.62 R	2.11 J	1.9 R	2.94 J	1.77 J	4.14 J	6.3 J	2.23 J
S434	8/9/2000	0 - 15		SF0170	1 U	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 U	1 UJ
S434	8/9/2000	15 - 30		SF0171	1.08 U	1.08 UJ	1.08 UJ	1.08 UR	1.08 UJ	1.08 UJ	1.08 U	1.08 UJ
S434	8/9/2000	30 - 100		SB0100	1.06 U	1.06 UJ	1.06 UJ	1.06 UR	1.06 UJ	1.06 UJ	1.06 U	1.06 UJ
S434	8/9/2000	100 - 200		SB0101	1.07 U	1.07 UJ	1.07 UJ	1.07 UR	1.07 UJ	1.07 UJ	1.07 U	1.07 UJ
S435	8/9/2000	0 - 5		SF0172	1.08 U	1.08 UJ	1.08 UJ	2.46 R	1.08 UJ	1.08 UJ	1.08 U	1.08 UJ

Table B1-10. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	4,4'-DDE (µg/kg-dw)	4,4'-DDT (µg/kg-dw)	Dieldrin (µg/kg-dw)	Endosulfan I (µg/kg-dw)	Endosulfan II (µg/kg-dw)	Endosulfan sulfate (µg/kg-dw)	Endrin (µg/kg-dw)
S324	7/13/2000	0 - 15		SF0092	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S324	7/13/2000	15 - 30		SF0093	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S324	7/13/2000	30 - 100	D1	SB0001	1 UR	1 UR	3.57 J	1 UR	1 UR	1 UR	1 UR
S324	7/13/2000	30 - 100	D2	SB0068	1.49 J	2.14 J	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S324	7/13/2000	100 - 200		SB0002	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S325	7/14/2000	0 - 2		SF0094	1.02 UJ	2.26 J	2.25 J	1.02 U	1.02 UJ	1.02 UR	1.02 U
S325	7/14/2000	2 - 15		SF0095	1 UJ	1.02 R	3.16 J	1 U	1 UJ	1 UR	1 U
S325	7/14/2000	15 - 30		SF0096	1 UJ	1.21 R	6.32 J	1 U	1 UJ	1 UR	1 U
S325	7/14/2000	30 - 100		SB0003	3.07 J	8.47 J	7.06 J	1 U	1 UJ	1 UR	1 U
S325	7/14/2000	100 - 200		SB0004	3.83 R	11.8 R	41.2	1.02 U	1.02 UJ	1.02 UR	1.02 U
S326	7/14/2000	0 - 15		SF0097	1 U	8.39 J	5.33	1 U	1 U	4.82 J	1 U
S326	7/14/2000	15 - 30		SF0098	1.56 R	11.7 J	6.76	1 U	1 U	6.32 J	1 U
S326	7/14/2000	30 - 100		SB0005	7.85 J	13.4 R	24.8 J	1.25 J	1 UJ	1 UR	1 U
S326	7/14/2000	100 - 200		SB0006	1.95 R	1.52 R	4 J	1 U	1 UJ	1 UR	1 U
S327	8/5/2000	0 - 15		SF0099	1.09 UJ	12.2 J	1.09 U	1.09 UJ	1.09 UJ	2.57 R	1.2
S327	8/5/2000	15 - 30		SF0100	1.08 UJ	35.6 J	9.41 R	1.08 UJ	1.08 UJ	3.2 R	1.08 U
S327	8/5/2000	30 - 60		SB0007	6.8 J	1.09 UR	1.09 U	1.09 UJ	1.09 UJ	1.09 UJ	1.41 R
S327	8/5/2000	60 - 140		SB0008	1.13 R	13.8 J	1.07 U	1.07 UJ	1.07 UJ	1.63 J	1.07 U
S327	8/5/2000	140 - 196		SF0148	1.09 UJ	8.01 R	1.09 U	1.09 UJ	1.09 UJ	6.53 J	1.09 U
S328	7/15/2000	0 - 15		SF0101	1 U	2.13 J	1 U	1 U	1 UJ	1 UR	1 U
S328	7/15/2000	15 - 30		SF0102	1 U	1 UJ	1 U	1 U	1 UJ	1 UR	1 U
S328	7/15/2000	30 - 100		SB0009	1 U	1 UJ	1 U	1 U	1 UJ	1 UR	1 U
S328	7/15/2000	100 - 200		SB0010	1 U	1 UJ	1 U	1 U	1 UJ	1 UR	1 U
S329	7/16/2000	0 - 15		SF0103	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S329	7/16/2000	15 - 30		SF0104	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S329	7/16/2000	30 - 100		SB0011	1 U	1 UJ	1 U	1 U	1 UJ	1 UR	1 U
S329	7/16/2000	100 - 200		SB0012	1 U	1 UJ	1 U	1 U	1 UJ	1 UR	1 U
S330	7/16/2000	0 - 15		SF0105	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S330	7/16/2000	15 - 30		SF0106	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ

Table B1-10. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	4,4'-DDE (µg/kg-dw)	4,4'-DDT (µg/kg-dw)	Dieldrin (µg/kg-dw)	Endosulfan I (µg/kg-dw)	Endosulfan II (µg/kg-dw)	Endosulfan sulfate (µg/kg-dw)	Endrin (µg/kg-dw)
S330	7/16/2000	30 - 100		SB0013	1 U	1 UJ	1 U	1 U	1 UJ	1 UR	1 U
S330	7/16/2000	100 - 200		SB0014	1 U	1 UJ	1 U	1 U	1 UJ	1 UR	1 U
S331	7/16/2000	0 - 15		SF0107	3 R	10 J	9 J	1 UJ	1 UJ	3 J	1 UJ
S331	7/16/2000	15 - 30		SF0108	20 J	80 J	40 J	2 R	1 UR	10 J	1 UR
S331	7/16/2000	30 - 100		SB0015	6.06 J	17 J	9.16 J	1 UJ	1 UJ	1.35 R	1 UJ
S331	7/16/2000	100 - 200		SB0016	3.53 J	6.32 J	1.1 R	1 U	1 UJ	1 UR	1 U
S332	8/11/2000	0 - 15		SF0109	1.36 J	1.08 UR	2.1 J	1.08 UR	1.08 UR	1.08 UR	1.08 UR
S332	8/10/2000	15 - 30		SF0110	1.08 UJ	5.29 J	2.38 J	1.08 UJ	1.08 UR	2.59 J	2.01 J
S332	8/10/2000	30 - 100		SB0017	1.06 UJ	2.91 R	3.86 J	1.06 U	1.06 UJ	1.86 J	1.06 U
S332	8/10/2000	100 - 200		SB0018	1.07 UJ	2.78 J	3.69 J	1.07 U	1.07 UJ	1.98 R	1.07 U
S333	8/2/2000	0 - 15		SF0134	1.03 UR	5.01 R	6.03 J	1.03 UR	1.03 UR	1.03 UR	1.48 J
S333	8/2/2000	15 - 30		SF0135	1.02 UR	1.02 UR	5.06 J	1.02 UR	1.02 UR	1.02 UR	2.62 R
S333	8/2/2000	30 - 100	D1	SB0041	1.02 UR	1.02 UR	1.02 UR	1.02 UR	1.02 UR	1.02 UR	1.02 UR
S333	8/2/2000	30 - 100	D2	SB0066	1.03 UR	1.03 UR	1.03 UR	1.03 UR	1.03 UR	1.03 UR	1.03 UR
S333	8/2/2000	100 - 193		SB0042	1.11 UR	1.77 J	1.25 J	1.11 UR	1.11 UR	1.11 UR	1.11 UR
S334	8/2/2000	0 - 15		SF0153	1.01 UR	7.39 J	2.23 R	1.01 UR	1.01 UR	1.01 UR	1.01 UR
S334	8/2/2000	15 - 30		SF0154	1.04 UR	3.51 J	3.65 J	1.04 UR	1.04 UR	1.04 UR	1.04 UR
S334	8/2/2000	30 - 110		SB0059	1.09 UR	6.09 R	5.26 J	1.09 UR	1.09 UR	1.09 UR	1.09 UR
S334	8/2/2000	110 - 200		SB0060	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.92 R	1.08 UR	1.08 UR
S335	8/2/2000	0 - 15		SF0115	1.03 UR	3.99 J	2.86 J	1.03 UR	1.03 UR	1.03 UR	1.97 J
S335	8/2/2000	15 - 30		SF0116	9.75 J	1.01 UR	3.7 J	1.01 UR	1.01 UR	1.01 UR	1.01 UR
S335	8/2/2000	30 - 100		SB0023	2.21 J	1.04 UR	1.04 UR	1.04 UR	1.04 UR	1.04 UR	1.04 UR
S335	8/2/2000	100 - 190	D1	SB0024	1.05 UR	1.05 UR	1.05 UR	1.05 UR	1.05 UR	1.05 UR	1.05 UR
S335	8/2/2000	100 - 190	D2	SB0065	1.02 UR	1.02 UR	1.02 UR	1.02 UR	1.02 UR	1.02 UR	1.02 UR
S336	8/3/2000	0 - 15		SF0117	1.04 R	3.52 J	3.75 J	1.04 UJ	1.04 UJ	3.16 J	1.04 U
S336	8/3/2000	15 - 30		SF0118	5.33 R	13.5 J	19 J	1.11 UJ	1.11 UJ	5.87 J	1.11 U
S336	8/3/2000	30 - 100		SB0025	5.24 R	11.7 J	22.2 J	1.02 UR	1.02 UR	1.02 UR	1.02 UR
S336	8/3/2000	100 - 200		SB0026	5.97 J	4.93 J	2.01 J	1.06 UR	1.06 UR	1.06 UR	1.06 UR
S337	8/11/2000	0 - 15		SF0174	1.93 J	2.83 J	5.53 J	1.06 UJ	1.06 UJ	1.06 UR	1.06 UJ
S337	8/3/2000	15 - 30		SF0120	9.14 J	21 J	21.9 J	1.08 UJ	1.08 UJ	2.66 J	1.08 U
S337	8/3/2000	30 - 100		SB0027	7.08 J	8.41 J	13.9 J	1.04 UR	1.04 UR	1.42 R	1.04 UR

Table B1-10. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	4,4'-DDE (µg/kg-dw)	4,4'-DDT (µg/kg-dw)	Dieldrin (µg/kg-dw)	Endosulfan I (µg/kg-dw)	Endosulfan II (µg/kg-dw)	Endosulfan sulfate (µg/kg-dw)	Endrin (µg/kg-dw)
S337	8/3/2000	100 - 200		SB0028	2.97 R	7.57 J	6.04 J	1.1 UR	1.1 UR	1.1 UR	1.1 UR
S338	8/3/2000	0 - 15		SF0121	5.37 J	26.2 J	35.7	1.01 UJ	1.01 UJ	1.01 UJ	1.53 J
S338	8/3/2000	15 - 30		SF0122	5.36 J	1.06 UR	69.6 J	2.28 J	1.06 UJ	4.47 R	1.06 UJ
S338	8/3/2000	30 - 130		SB0029	6.39 J	9.16 J	9.3 J	1.09 UR	1.09 UR	1.41 R	1.09 UR
S338	8/3/2000	130 - 200		SB0030	1.7 R	2.62 J	1.09 UR	1.09 UR	1.28 J	1.09 UR	1.09 UR
S339	8/3/2000	0 - 15		SF0124	4.07 J	17.3 J	1.05 U	1.05 UJ	1.05 UJ	1.05 UJ	2.01 J
S339	8/3/2000	15 - 30		SF0125	2.75 R	1.09 UR	11.4 J	1.09 UJ	1.09 UJ	1.09 UJ	1.09 U
S339	8/3/2000	30 - 100		SB0031	1.02 UJ	1.02 UJ	1.02 U	1.02 UJ	1.02 UJ	1.02 UJ	1.02 U
S339	8/3/2000	100 - 168		SB0032	1.03 UJ	4.62 J	1.03 U	1.03 UJ	1.03 UJ	1.03 UJ	1.03 U
S339	8/3/2000	168 - 200		SF0123_E	1.08 UJ	1.08 UJ	1.08 U	1.08 UJ	1.08 UJ	1.08 UJ	1.5
S340	8/15/2000	0 - 2	D1	SF0123	1.09 UJ	2.06 J	1.38 J	1.09 UJ	1.09 UR	1.09 UR	1.09 UJ
S340	8/15/2000	0 - 2	D2	SF0123_R	1.05 UR	1.05 UR	1.05 UR	1.05 UR	1.05 UR	1.05 UR	1.05 UR
S340	8/3/2000	0 - 15		SF0126	1.08 UR	4.08 J	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.08 UR
S340	8/3/2000	15 - 30		SF0127	1.07 UR	1.07 UR	1.07 UR	1.07 UR	1.07 UR	1.07 UR	1.07 UR
S340	8/3/2000	30 - 100		SB0033	1 UJ	1.96 J	1 U	1 UJ	1 UJ	1 UR	1 U
S340	8/3/2000	100 - 200		SB0034	1.02 UJ	1.02 UJ	1.02 U	1.02 UJ	1.02 UJ	1.02 UJ	1.02 U
S341	8/4/2000	0 - 15		SF0128	1.07 UR	1.07 UR	1.07 UR	1.07 UR	1.07 UR	1.07 UR	1.2 J
S341	8/4/2000	15 - 30		SF0129	1.06 UR	1.06 UR	1.06 UR	1.06 UR	1.06 UR	1.06 UR	1.06 UR
S341	8/4/2000	30 - 85		SB0063	1.01 U	1.01 UJ	1.01 U	1.01 UJ	1.01 UJ	1.01 UJ	1.01 U
S341	8/4/2000	85 - 160		SB0064	2.8 R	1.03 UR	1.03 U	1.03 UJ	1.03 UJ	1.03 UJ	1.03 U
S341	8/4/2000	160 - 200		SF0119	1.02 U	1.04 R	1.02 U	1.02 UJ	1.02 UJ	1.02 UJ	1.02 U
S342	8/10/2000	0 - 15		SF0130_T	1.3 J	1.09 UR	1.09 U	1.09 UJ	1.09 UJ	1.09 UJ	1.09 U
S342	7/27/2000	15 - 30		SF0131	1.03 U	1.03 UJ	1.22 R	1.03 U	1.03 UJ	1.03 UJ	1.03 U
S342	7/27/2000	30 - 100		SB0037	1.04 U	1.04 UJ	1.04 U	1.04 U	1.04 UJ	1.04 UJ	1.04 U
S342	7/27/2000	100 - 200		SB0038	3.45 J	1.04 UR	1.46 J	1.04 UJ	1.04 UJ	1.04 UJ	1.04 UJ
S343	8/4/2000	0 - 15		SF0132	1.05 UR	1.05 UR	1.36 R	1.05 UR	1.05 UR	1.05 UR	1.05 UR
S343	8/4/2000	15 - 30		SF0133	1.08 J	1.05 UR	1.05 UR	1.05 UR	1.05 UR	1.05 UR	1.05 UR
S343	8/4/2000	30 - 100	D1	SB0039	1.02 U	1.02 UJ	1.05 J	1.02 UJ	1.02 UJ	1.02 UJ	1.02 U
S343	8/4/2000	30 - 100	D2	SF0167	2.8 J	1.02 UR	1.02 U	1.02 UJ	1.02 UJ	1.11 J	1.02 U
S343	8/4/2000	100 - 200		SB0040	1.46 R	1.3 J	1.02 U	1.02 UJ	1.02 UJ	1.02 UJ	1.02 U

Table B1-10. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	4,4'-DDE (µg/kg-dw)	4,4'-DDT (µg/kg-dw)	Dieldrin (µg/kg-dw)	Endosulfan I (µg/kg-dw)	Endosulfan II (µg/kg-dw)	Endosulfan sulfate (µg/kg-dw)	Endrin (µg/kg-dw)
S344	8/10/2000	0 - 15		SF0111_T	11.4 J	1.08 UR	1.08 U	1.08 UJ	1.08 UJ	1.08 UJ	1.08 U
S344	7/27/2000	15 - 30		SF0112	5.78 J	14.4 J	8.07 R	6.3 J	1.04 UJ	3.55 J	1.04 U
S344	7/27/2000	30 - 100	D1	SB0019	1.57 R	8 J	7.88 J	2.7 J	1.02 UJ	3.64 J	1.02 U
S344	7/27/2000	30 - 100	D2	SB0070	14.4 J	9.55 J	8.4 J	1.01 UJ	1.01 UR	7.79 R	1.01 U
S344	7/27/2000	100 - 200		SB0020	1.06 R	1.02 UR	1.27 R	1.02 U	1.02 U	1.02 UJ	1.02 U
S345	8/4/2000	0 - 15		SF0136	1.14 UR	1.14 UR	1.14 UR	1.14 UR	1.14 UR	1.14 UR	1.14 UR
S345	8/4/2000	15 - 30		SF0137	1.58 J	1.06 UR	1.06 U	1.06 UJ	1.06 UJ	1.06 UJ	1.06 U
S345	8/4/2000	30 - 100		SB0043	1.68 J	1.01 UR	1.39 R	1.01 UJ	1.01 UJ	1.01 UJ	1.01 U
S345	8/4/2000	100 - 200		SB0044	1.05 U	1.05 UJ	1.05 U	1.05 UJ	1.05 UJ	1.05 UJ	1.05 U
S346	8/4/2000	0 - 15		SF0138	1.38 J	1.08 UR	1.08 U	1.08 UJ	1.08 UJ	1.08 UJ	1.08 U
S346	8/4/2000	15 - 30		SF0139	1.09 U	1.09 UJ	1.48 J	1.09 UJ	1.09 UJ	1.09 UJ	1.09 U
S346	8/4/2000	30 - 160		SB0045	1.03 U	1.03 UJ	1.03 U	1.03 UJ	1.03 UJ	1.03 UJ	1.03 U
S346	8/4/2000	160 - 200		SB0046	1.02 UJ	1.02 UJ	2.52	2.69 J	1.02 UJ	1.02 UJ	1.52 R
S347	8/4/2000	0 - 15		SF0140	1.01 U	1.6 J	1.01 U	1.01 UJ	1.01 UJ	1.01 UJ	1.14
S347	8/4/2000	15 - 30		SF0141	1.01 U	2.1 J	1.01 U	1.01 UJ	1.01 UJ	1.01 UJ	1.01 U
S347	8/4/2000	30 - 100		SB0047	1.04 UJ	1.04 UJ	1.04 U	1.04 U	1.04 UJ	1.04 UJ	1.29 R
S347	8/4/2000	100 - 200		SB0048	1.01 UJ	1.01 UJ	1.01 U	1.01 U	1.01 UJ	1.01 UJ	1.01 U
S348	8/5/2000	15 - 30		SF0143	1.05 UJ	1.05 UJ	1.05 U	1.05 U	1.05 UJ	1.05 UJ	1.05 U
S348	8/5/2000	30 - 110		SB0049	2.17 J	1.08 UR	1.08 U	1.08 UJ	1.08 UJ	1.08 UJ	1.08 U
S348	8/5/2000	110 - 200		SB0050	1.1 UJ	1.1 UJ	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ	1.1 U
S349	8/5/2000	0 - 15		SF0144	1.05 UJ	7.24 J	1.05 U	1.05 UJ	1.05 UJ	1.05 UJ	1.95
S349	8/5/2000	15 - 30		SF0145	1.01 UR	2.67 R	1.01 UR	1.01 UR	1.01 UR	1.52 R	1.01 UR
S349	8/5/2000	100 - 200		SB0052	1.1 UJ	1.1 UJ	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ	1.1 U
S350	8/5/2000	0 - 15		SF0146	14.2 J	2.55 R	1.04 UR	1.04 UR	1.04 UR	1.04 UR	1.04 UR
S350	8/5/2000	15 - 30		SF0147	1.01 UJ	1.01 UJ	1.01 U	1.13 J	1.01 UJ	1.01 UJ	1.01 U
S350	8/5/2000	30 - 92		SB0053	1.89 J	1.1 UR	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ	1.1 U
S350	8/5/2000	92 - 200	D1	SB0054	1.08 UJ	1.08 UJ	1.08 U	1.08 UJ	1.08 UJ	1.08 UJ	1.08 U
S350	8/5/2000	92 - 200	D2	SB0067	1.17 UJ	3.77 R	1.17 UJ	1.17 UJ	1.17 UJ	1.17 UJ	1.17 UJ
S351	8/15/2000	0 - 2		SF0173	4.84 J	7.79 J	1.26 R	5.3 J	1.07 UR	1.07 UR	1.07 UJ
S351	8/5/2000	0 - 15		SF0149	2.17 J	4.18 R	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ	2.63 J

Table B1-10. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	4,4'-DDE (µg/kg-dw)	4,4'-DDT (µg/kg-dw)	Dieldrin (µg/kg-dw)	Endosulfan I (µg/kg-dw)	Endosulfan II (µg/kg-dw)	Endosulfan sulfate (µg/kg-dw)	Endrin (µg/kg-dw)
S351	8/5/2000	15 - 30		SF0150	1.08 UJ	2.92 R	1.08 U	1.08 UJ	1.08 UJ	1.08 UJ	3.23
S351	8/5/2000	30 - 100		SB0055	11.9 J	42.1 J	1.09 U	1.09 UJ	1.09 UJ	1.09 UJ	4.28 J
S351	8/5/2000	100 - 200		SB0056	1.08 UJ	44.1 J	1.08 UJ	1.08 UJ	1.08 UR	5.76 R	1.17 R
S352	8/10/2000	0 - 15		SF0151	14 R	26.7 J	1.09 U	8.71 J	1.09 UJ	2.61 R	3.66 J
S352	8/10/2000	15 - 30		SF0152	8.64 R	4.83 R	6.9 R	5.09 J	1.08 UJ	1.08 UJ	1.08 U
S352	8/10/2000	30 - 100		SB0057	1.1 U	20.2 J	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ	2.02 J
S352	8/10/2000	100 - 200		SB0058	1.08 U	1.08 UJ	1.08 U	1.08 UJ	1.08 UJ	1.08 UJ	1.08 U
S353	7/27/2000	0 - 15		SF0113	3.91 R	39.2 J	13.2 J	1.01 U	1.01 UJ	8.22 R	1.69 R
S353	7/27/2000	15 - 30		SF0114	1.56 R	1.95 R	4.92	1.05 U	1.05 UJ	2.73 J	1.05 U
S353	7/27/2000	30 - 100		SB0021	1.02 U	2.67 R	1.02 U	1.02 U	1.02 UJ	3.47 J	1.25 R
S353	7/27/2000	100 - 200		SB0022	1.03 U	1.03 UJ	1.03 U	1.03 U	1.03 UJ	1.03 UJ	1.03 U
S354	8/10/2000	0 - 15		SF0155	1.71 J	2.62 J	1.09 U	1.09 UJ	1.09 UJ	1.09 UJ	1.09 U
S354	8/13/2000	15 - 30		SF0156	3.51 J	7.71 J	2.38 J	1.07 UR	1.07 UR	1.07 UR	1.07 UR
S354	8/13/2000	30 - 100		SB0061	38.3 J	68.5 J	91.3 J	5.69 R	1.09 UR	13.4 R	1.09 UJ
S354	8/13/2000	100 - 200	D1	SB0062	5.24 R	7.62 R	5.9 J	1.06 UJ	1.06 UR	1.06 UR	1.06 UJ
S354	8/13/2000	100 - 200	D2	SB0069	15.2 J	13.7 J	14.2 J	1.35 R	1.07 UR	1.24 R	1.07 UJ
S355	8/10/2000	0 - 15		SF0157	1.61 J	3.75 J	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UJ
S355	8/13/2000	15 - 30		SF0158	3.7 J	7.63 J	3.64 J	1.07 UR	1.07 UR	1.07 UR	1.07 UR
S355	8/13/2000	30 - 100		SB0035	11.9 J	19 J	31.3 J	1.08 UJ	1.08 UR	2.72 R	1.08 UJ
S355	8/13/2000	100 - 200		SB0036	5.05 J	10.1 J	7.09 J	1.07 UJ	1.07 UR	1.55 R	1.07 UJ
S434	8/9/2000	0 - 15		SF0170	1 UJ	1 UJ	1 U	1 UJ	1 UJ	1 UJ	1 U
S434	8/9/2000	15 - 30		SF0171	1.08 UJ	1.08 UJ	1.08 U	1.08 UJ	1.08 UJ	1.08 UJ	1.08 U
S434	8/9/2000	30 - 100		SB0100	1.06 UJ	1.06 UJ	1.06 U	1.06 UJ	1.06 UJ	1.06 UJ	1.06 U
S434	8/9/2000	100 - 200		SB0101	1.07 UJ	1.07 UJ	1.07 U	1.07 UJ	1.07 UJ	1.07 UJ	1.07 U
S435	8/9/2000	0 - 5		SF0172	1.08 UJ	2.9 J	1.08 U	1.08 UJ	1.08 UJ	1.96 R	1.08 U

Table B1-10. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Endrin aldehyde (µg/kg-dw)	Endrin ketone (µg/kg-dw)	Heptachlor (µg/kg-dw)	Heptachlor epoxide (µg/kg-dw)	Methoxychlor (µg/kg-dw)	Toxaphene (µg/kg-dw)
S324	7/13/2000	0 - 15		SF0092	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S324	7/13/2000	15 - 30		SF0093	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S324	7/13/2000	30 - 100	D1	SB0001	1 UR	1 UR	1 UR	3.16 J	1 UR	1 UR
S324	7/13/2000	30 - 100	D2	SB0068	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S324	7/13/2000	100 - 200		SB0002	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S325	7/14/2000	0 - 2		SF0094	1.02 U	1.02 UJ	1.02 U	3.4 R	1.02 UJ	1.02 UJ
S325	7/14/2000	2 - 15		SF0095	1 U	1 UJ	1 U	1.89 R	1 UJ	1 U
S325	7/14/2000	15 - 30		SF0096	1 U	1.15 J	1 U	1 U	1 UJ	1 U
S325	7/14/2000	30 - 100		SB0003	1 U	1 UJ	1 U	1 U	1 UJ	1 UJ
S325	7/14/2000	100 - 200		SB0004	1.02 U	1.02 UJ	1.02 U	1.02 U	1.02 UJ	1.02 UJ
S326	7/14/2000	0 - 15		SF0097	3.46 J	1 U	1 U	1 U	1 U	100 U
S326	7/14/2000	15 - 30		SF0098	1 U	1 U	1 U	1 U	1 U	100 U
S326	7/14/2000	30 - 100		SB0005	1 U	1 UJ	1 U	11.6 J	1 UJ	1 UJ
S326	7/14/2000	100 - 200		SB0006	1 U	1 UJ	1 U	1 U	1 UJ	1 UJ
S327	8/5/2000	0 - 15		SF0099	1.09 UJ	1.09 UJ	1.09 U	2.27 R	1.09 UJ	109 UJ
S327	8/5/2000	15 - 30		SF0100	1.08 UJ	1.08 UJ	1.08 U	1.08 U	1.08 UJ	108 UJ
S327	8/5/2000	30 - 60		SB0007	1.09 UJ	1.09 UJ	1.09 U	1.09 U	1.09 UJ	109 U
S327	8/5/2000	60 - 140		SB0008	1.07 UJ	1.07 UJ	1.07 U	4.06 R	1.07 UJ	107 UJ
S327	8/5/2000	140 - 196		SF0148	1.09 UJ	1.09 UJ	1.09 U	16.2 J	1.09 UJ	109 UJ
S328	7/15/2000	0 - 15		SF0101	1 U	1 U	1 U	1 U	1 U	100 U
S328	7/15/2000	15 - 30		SF0102	1 U	1 U	1 U	1 U	1 U	100 U
S328	7/15/2000	30 - 100		SB0009	1 U	1 U	1 U	1 U	1 U	100 U
S328	7/15/2000	100 - 200		SB0010	1 U	1 U	1 U	1 U	1 U	100 U
S329	7/16/2000	0 - 15		SF0103	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S329	7/16/2000	15 - 30		SF0104	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S329	7/16/2000	30 - 100		SB0011	1.58 J	1 UJ	1 U	1 U	1 U	1 UJ
S329	7/16/2000	100 - 200		SB0012	1 U	1 UJ	1 U	1 U	1 U	100 UJ
S330	7/16/2000	0 - 15		SF0105	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S330	7/16/2000	15 - 30		SF0106	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ

Table B1-10. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Endrin aldehyde (µg/kg-dw)	Endrin ketone (µg/kg-dw)	Heptachlor (µg/kg-dw)	Heptachlor epoxide (µg/kg-dw)	Methoxychlor (µg/kg-dw)	Toxaphene (µg/kg-dw)
S330	7/16/2000	30 - 100		SB0013	1 U	1 UJ	1 U	1 U	1 U	100 UJ
S330	7/16/2000	100 - 200		SB0014	1 U	1 UJ	1 U	1 U	1 U	100 UJ
S331	7/16/2000	0 - 15		SF0107	1 UJ	1 J	1 UJ	7 J	1 UJ	100 UJ
S331	7/16/2000	15 - 30		SF0108	1 UR	1 UR	1 UR	40 J	1 UR	100 UR
S331	7/16/2000	30 - 100		SB0015	1 UJ	1 UJ	1 U	10.3 J	4.09 J	100 UJ
S331	7/16/2000	100 - 200		SB0016	1 U	2.46 J	1 U	1 U	8.42 R	100 J
S332	8/11/2000	0 - 15		SF0109	1.08 UR	1.08 UR	1.08 UR	1.08 UR	1.51 R	108 UR
S332	8/10/2000	15 - 30		SF0110	3.42 J	1.84 J	1.08 U	4.71 J	8.24 J	108 UJ
S332	8/10/2000	30 - 100		SB0017	1.06 UJ	1.06 UJ	1.06 U	11.1 J	6.3 J	106 UJ
S332	8/10/2000	100 - 200		SB0018	1.07 UJ	1.07 UJ	1.07 U	8.17 J	5.69 R	107 UJ
S333	8/2/2000	0 - 15		SF0134	1.03 UR	1.03 UR	1.03 UR	5.16 J	1.03 UR	103 UR
S333	8/2/2000	15 - 30		SF0135	1.02 UR	1.02 UR	1.02 UR	1.02 UR	1.02 UR	102 UR
S333	8/2/2000	30 - 100	D1	SB0041	1.02 UR	1.02 UR	1.02 UR	1.02 UR	1.02 UR	102 UR
S333	8/2/2000	30 - 100	D2	SB0066	1.03 UR	1.03 UR	1.03 UR	1.03 UR	1.03 UR	103 UR
S333	8/2/2000	100 - 193		SB0042	1.11 UR	1.11 UR	1.11 UR	1.11 UR	1.11 UR	111 UR
S334	8/2/2000	0 - 15		SF0153	1.01 UR	1.01 UR	1.01 UR	1.2 R	1.01 UR	101 UR
S334	8/2/2000	15 - 30		SF0154	1.04 UR	1.04 UR	1.04 UR	6.53 J	2.05 R	104 UR
S334	8/2/2000	30 - 110		SB0059	1.09 UR	1.09 UR	1.09 UR	8.39 R	1.09 UR	109 UR
S334	8/2/2000	110 - 200		SB0060	1.08 UR	1.08 UR	1.08 UR	1.08 UR	7.35 R	108 UR
S335	8/2/2000	0 - 15		SF0115	1.03 UR	1.03 UR	1.03 UR	5.33 J	1.03 UR	103 UR
S335	8/2/2000	15 - 30		SF0116	1.01 UR	1.01 UR	1.01 UR	11.7 J	1.01 UR	101 UR
S335	8/2/2000	30 - 100		SB0023	1.04 UR	1.04 UR	1.04 UR	1.04 UR	1.04 UR	104 UR
S335	8/2/2000	100 - 190	D1	SB0024	1.05 UR	1.05 UR	1.05 UR	1.05 UR	1.05 UR	105 UR
S335	8/2/2000	100 - 190	D2	SB0065	1.02 UR	1.02 UR	1.02 UR	1.02 UR	1.02 UR	102 UR
S336	8/3/2000	0 - 15		SF0117	1.04 UJ	1.04 UJ	1.04 U	2.21 J	1.04 UJ	104 U
S336	8/3/2000	15 - 30		SF0118	1.11 UJ	1.11 UJ	3.9	1.11 U	1.11 UJ	111 U
S336	8/3/2000	30 - 100		SB0025	1.02 UR	1.02 UR	1.02 UR	11.4 J	1.02 UR	102 UR
S336	8/3/2000	100 - 200		SB0026	1.06 UR	6.35 J	1.06 UR	2.26 R	1.06 UR	106 UR
S337	8/11/2000	0 - 15		SF0174	1.06 UJ	1.06 UJ	1.06 U	2.78 J	1.06 UJ	106 UJ
S337	8/3/2000	15 - 30		SF0120	1.08 UJ	1.08 UJ	1.08 U	1.08 U	1.28 J	108 U
S337	8/3/2000	30 - 100		SB0027	1.04 UR	1.04 UR	1.04 UR	10.6 J	1.04 UR	104 UR

Table B1-10. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Endrin aldehyde (µg/kg-dw)	Endrin ketone (µg/kg-dw)	Heptachlor (µg/kg-dw)	Heptachlor epoxide (µg/kg-dw)	Methoxychlor (µg/kg-dw)	Toxaphene (µg/kg-dw)
S337	8/3/2000	100 - 200		SB0028	1.1 UR	1.1 UR	1.1 UR	1.1 UR	1.1 UR	110 UR
S338	8/3/2000	0 - 15		SF0121	1.01 UJ	1.01 UJ	1.01 U	8.1 J	2.05 J	101 U
S338	8/3/2000	15 - 30		SF0122	1.06 UJ	1.06 UJ	1.06 UJ	1.06 UJ	1.35 J	106 UJ
S338	8/3/2000	30 - 130		SB0029	1.09 UR	1.09 UR	1.09 UR	1.09 UR	1.09 UR	109 UR
S338	8/3/2000	130 - 200		SB0030	1.09 UR	1.09 UR	1.09 UR	1.09 UR	1.09 UR	109 UR
S339	8/3/2000	0 - 15		SF0124	1.05 UJ	1.05 UJ	1.05 U	7.38	1.05 UJ	105 U
S339	8/3/2000	15 - 30		SF0125	1.09 UJ	1.09 UJ	1.09 U	1.09 U	1.09 UJ	109 U
S339	8/3/2000	30 - 100		SB0031	1.02 UJ	1.02 UJ	1.02 U	3.84 J	1.02 UJ	102 U
S339	8/3/2000	100 - 168		SB0032	1.03 UJ	1.29 J	1.03 U	1.03 U	1.03 UJ	103 U
S339	8/3/2000	168 - 200		SF0123_E	1.08 UJ	1.08 UJ	1.08 U	1.08 U	1.03 J	108 U
S340	8/15/2000	0 - 2	D1	SF0123	1.09 UJ	1.09 UJ	1.09 UJ	2.25 J	1.09 UJ	109 UJ
S340	8/15/2000	0 - 2	D2	SF0123_R	1.05 UR	1.05 UR	1.05 UR	1.18 J	1.05 UR	105 UR
S340	8/3/2000	0 - 15		SF0126	1.08 UR	1.08 UR	1.08 U	1.08 UR	1.08 UR	108 U
S340	8/3/2000	15 - 30		SF0127	1.07 UR	1.07 UR	1.07 U	1.69 J	1.07 UR	107 U
S340	8/3/2000	30 - 100		SB0033	1.03 R	1 UJ	1 UJ	1 U	1 UJ	100 U
S340	8/3/2000	100 - 200		SB0034	1.02 UJ	1.02 UJ	1.02 U	1.02 U	1.02 UJ	102 U
S341	8/4/2000	0 - 15		SF0128	1.07 UR	1.07 UR	1.07 U	3.38 R	1.07 UR	107 U
S341	8/4/2000	15 - 30		SF0129	1.06 UR	1.06 UR	1.06 U	1.06 UR	1.06 UR	106 U
S341	8/4/2000	30 - 85		SB0063	1.01 UJ	1.01 UJ	1.01 U	1.01 U	1.01 UJ	101 UJ
S341	8/4/2000	85 - 160		SB0064	1.03 UJ	1.03 UJ	1.03 U	1.03 U	3.42 J	103 UJ
S341	8/4/2000	160 - 200		SF0119	1.02 UJ	1.02 UJ	1.02 U	1.58 J	1.11 R	102 UJ
S342	8/10/2000	0 - 15		SF0130_T	1.09 UJ	1.09 UJ	1.09 U	1.09 U	1.09 UJ	109 UJ
S342	7/27/2000	15 - 30		SF0131	1.03 UJ	1.03 UJ	1.03 U	1.03 U	1.03 UJ	103 U
S342	7/27/2000	30 - 100		SB0037	1.04 UJ	1.04 UJ	1.04 U	2.86 R	1.04 UJ	104 U
S342	7/27/2000	100 - 200		SB0038	1.04 UJ	1.04 UJ	1.04 UJ	1.04 UJ	1.04 UJ	104 UJ
S343	8/4/2000	0 - 15		SF0132	1.05 UR	1.05 UR	1.05 UR	1.05 UR	1.05 UR	105 UR
S343	8/4/2000	15 - 30		SF0133	1.05 UR	1.05 UR	1.05 U	1.05 UR	1.33 R	105 U
S343	8/4/2000	30 - 100	D1	SB0039	1.02 UJ	1.02 UJ	1.02 U	6.59 J	1.02 UJ	102 UJ
S343	8/4/2000	30 - 100	D2	SF0167	1.02 UJ	1.02 UJ	1.02 U	1.86 R	1.96 J	102 UJ
S343	8/4/2000	100 - 200		SB0040	1.02 UJ	1.02 UJ	1.02 U	4.7	1.67 J	102 UJ

Table B1-10. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Endrin aldehyde (µg/kg-dw)	Endrin ketone (µg/kg-dw)	Heptachlor (µg/kg-dw)	Heptachlor epoxide (µg/kg-dw)	Methoxychlor (µg/kg-dw)	Toxaphene (µg/kg-dw)
S344	8/10/2000	0 - 15		SF0111_T	1.08 UJ	1.08 UJ	1.08 U	9.62 R	4.35 R	108 UJ
S344	7/27/2000	15 - 30		SF0112	1.04 UJ	1.04 UJ	1.04 U	16.2 J	1.04 UJ	104 U
S344	7/27/2000	30 - 100	D1	SB0019	1.02 UJ	1.02 UJ	1.02 U	13.3 J	1.02 UJ	102 U
S344	7/27/2000	30 - 100	D2	SB0070	1.01 UJ	1.01 UJ	1.01 U	14.3 J	1.01 UJ	101 U
S344	7/27/2000	100 - 200		SB0020	1.02 UJ	1.02 UJ	1.02 U	3.51 R	4.13 J	102 U
S345	8/4/2000	0 - 15		SF0136	1.14 UR	1.14 UR	1.14 U	2.69 J	1.14 R	114 U
S345	8/4/2000	15 - 30		SF0137	1.06 UJ	1.06 UJ	1.06 U	1.44 R	1.06 UJ	106 UJ
S345	8/4/2000	30 - 100		SB0043	1.01 UJ	1.01 UJ	1.01 U	1.01 U	1.96 J	101 UJ
S345	8/4/2000	100 - 200		SB0044	1.05 UJ	1.05 UJ	1.05 U	1.05 U	1.05 UJ	105 UJ
S346	8/4/2000	0 - 15		SF0138	1.08 UJ	1.08 UJ	1.08 U	2.69 R	1.08 UJ	108 UJ
S346	8/4/2000	15 - 30		SF0139	1.09 UJ	1.09 UJ	1.09 U	1.26 J	1.57 R	109 UJ
S346	8/4/2000	30 - 160		SB0045	1.03 UJ	1.03 UJ	1.03 U	1.03 U	1.03 UJ	103 UJ
S346	8/4/2000	160 - 200		SB0046	1.02 UJ	1.65 J	1.02 U	1.02 U	7.8 R	102 U
S347	8/4/2000	0 - 15		SF0140	1.01 UJ	1.01 UJ	1.01 U	1.01 U	1.01 UJ	101 UJ
S347	8/4/2000	15 - 30		SF0141	1.01 UJ	1.01 UJ	1.01 U	1.01 UJ	1.1 J	101 UJ
S347	8/4/2000	30 - 100		SB0047	1.04 UJ	1.04 UJ	1.04 U	1.04 U	1.04 UJ	104 U
S347	8/4/2000	100 - 200		SB0048	1.01 UJ	1.01 UJ	1.01 U	1.01 U	1.01 UJ	101 U
S348	8/5/2000	15 - 30		SF0143	1.05 UJ	1.05 UJ	1.05 U	1.05 U	1.05 UJ	105 U
S348	8/5/2000	30 - 110		SB0049	1.08 UJ	1.08 UJ	1.08 U	1.08 U	1.08 UJ	108 U
S348	8/5/2000	110 - 200		SB0050	1.1 UJ	1.1 UJ	1.1 U	1.1 U	1.1 UJ	110 U
S349	8/5/2000	0 - 15		SF0144	1.05 UJ	1.05 UJ	1.05 U	1.05 U	1.74 J	105 UJ
S349	8/5/2000	15 - 30		SF0145	2.34 R	1.01 UR	1.01 UR	1.01 UR	1.01 UR	101 UR
S349	8/5/2000	100 - 200		SB0052	1.1 UJ	1.1 UJ	1.1 U	1.1 U	1.1 UJ	110 UJ
S350	8/5/2000	0 - 15		SF0146	1.04 UR	1.04 UR	1.04 UR	1.9 J	1.04 UR	104 UR
S350	8/5/2000	15 - 30		SF0147	1.01 UJ	1.01 UJ	1.01 U	1.01 U	4.25 J	101 UJ
S350	8/5/2000	30 - 92		SB0053	1.1 UJ	1.1 UJ	1.1 U	1.1 U	1.1 UJ	110 UJ
S350	8/5/2000	92 - 200	D1	SB0054	1.08 UJ	1.08 UJ	1.08 U	1.08 U	1.08 UJ	108 U
S350	8/5/2000	92 - 200	D2	SB0067	1.17 UJ	1.17 UJ	1.17 UJ	1.17 UJ	1.17 UJ	117 UJ
S351	8/15/2000	0 - 2		SF0173	1.07 UJ	1.07 UJ	1.07 UJ	6 J	1.07 UJ	107 UJ
S351	8/5/2000	0 - 15		SF0149	1.1 UJ	1.1 UJ	1.1 U	1.1 U	3.41 J	110 UJ

Table B1-10. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Endrin aldehyde (µg/kg-dw)	Endrin ketone (µg/kg-dw)	Heptachlor (µg/kg-dw)	Heptachlor epoxide (µg/kg-dw)	Methoxychlor (µg/kg-dw)	Toxaphene (µg/kg-dw)
S351	8/5/2000	15 - 30		SF0150	1.08 UJ	1.08 UJ	1.08 U	1.08 U	1.94 R	108 UJ
S351	8/5/2000	30 - 100		SB0055	1.09 UJ	1.09 UJ	1.09 U	1.09 U	3.52 R	109 U
S351	8/5/2000	100 - 200		SB0056	1.08 UJ	1.08 UJ	1.08 UJ	1.08 U	2.06 J	108 U
S352	8/10/2000	0 - 15		SF0151	1.09 UJ	1.09 UJ	1.09 U	1.09 U	5.5 R	109 UJ
S352	8/10/2000	15 - 30		SF0152	1.08 UJ	1.08 UJ	1.08 U	6.55 R	1.08 UJ	108 UJ
S352	8/10/2000	30 - 100		SB0057	1.1 UJ	1.1 UJ	1.1 U	1.1 U	1.1 UJ	110 UJ
S352	8/10/2000	100 - 200		SB0058	1.08 UJ	1.08 UJ	1.08 U	1.08 U	1.08 UJ	108 UJ
S353	7/27/2000	0 - 15		SF0113	1.01 UJ	1.01 UJ	5.33 J	1.01 U	1.01 UJ	101 U
S353	7/27/2000	15 - 30		SF0114	1.05 UJ	1.05 UJ	1.05 U	1.05 U	1.05 UJ	105 U
S353	7/27/2000	30 - 100		SB0021	1.02 UJ	1.02 UJ	1.02 U	1.91 J	1.02 UJ	102 U
S353	7/27/2000	100 - 200		SB0022	1.03 UJ	1.03 UJ	1.03 U	1.03 U	1.03 UJ	103 U
S354	8/10/2000	0 - 15		SF0155	1.09 UJ	1.09 UJ	1.09 U	1.61 R	1.09 UJ	109 UJ
S354	8/13/2000	15 - 30		SF0156	1.07 UR	1.07 UR	1.07 UR	3.15 J	1.07 UR	107 UR
S354	8/13/2000	30 - 100		SB0061	1.09 UJ	1.09 UJ	1.09 UJ	52.3 J	1.09 UJ	109 UJ
S354	8/13/2000	100 - 200	D1	SB0062	1.06 UJ	1.06 UJ	1.06 UJ	8.93 J	1.06 UJ	106 UJ
S354	8/13/2000	100 - 200	D2	SB0069	1.07 UJ	1.07 UJ	1.07 UJ	10.1 J	1.07 UJ	107 UJ
S355	8/10/2000	0 - 15		SF0157	1.08 UJ	1.08 UJ	1.08 UJ	1.33 R	1.08 UJ	108 UJ
S355	8/13/2000	15 - 30		SF0158	1.07 UR	1.07 UR	2.04 J	3.22 J	1.07 UR	107 UR
S355	8/13/2000	30 - 100		SB0035	12 J	1.08 UJ	1.08 UJ	22.4 J	1.08 UJ	108 UJ
S355	8/13/2000	100 - 200		SB0036	1.07 UJ	1.07 UJ	1.07 U	7.87 J	1.07 UJ	107 UJ
S434	8/9/2000	0 - 15		SF0170	1 UJ	1 UJ	1 U	1 U	1 UJ	100 U
S434	8/9/2000	15 - 30		SF0171	1.08 UJ	1.08 UJ	1.08 U	1.08 U	1.08 UJ	108 U
S434	8/9/2000	30 - 100		SB0100	1.06 UJ	1.06 UJ	1.06 U	1.06 U	1.06 UJ	106 U
S434	8/9/2000	100 - 200		SB0101	1.07 UJ	1.07 UJ	1.07 U	1.07 U	1.07 UJ	107 U
S435	8/9/2000	0 - 5		SF0172	1.08 UJ	1.08 UJ	3.43 J	3.09 R	1.08 UJ	108 U

Table B1-11. PCBs in 2-m Cores

Station	Date	Depth (cm)	Duplicate	Sample Number	Aroclor 1016 (µg/kg-dw)	Aroclor 1221 (µg/kg-dw)	Aroclor 1232 (µg/kg-dw)	Aroclor 1242 (µg/kg-dw)	Aroclor 1248 (µg/kg-dw)	Aroclor 1254 (µg/kg-dw)	Aroclor 1260 (µg/kg-dw)	Aroclor 1268 (µg/kg-dw)
S324	7/13/2000	0 - 15		SF0092	50.9 U	50.9 U	50.9 U	50.9 U	19 J	16 J	11.3 J	50.9 U
S324	7/13/2000	15 - 30		SF0093	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S324	7/13/2000	30 - 100	D1	SB0001	50 U	50 U	50 U	50 U	127 J	82.1 J	24.9 J	50 U
S324	7/13/2000	30 - 100	D2	SB0068	50 U	50 U	50 U	50 U	61.7 J	51.4 J	17.1 J	50 U
S324	7/13/2000	100 - 200		SB0002	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S325	7/14/2000	0 - 2		SF0094	50.8 U	50.8 U	50.8 U	50.8 U	60.5 J	51.9 J	26.2 J	50.8 U
S325	7/14/2000	2 - 15		SF0095	50 U	50 U	50 U	50 U	63.3 J	64.4 J	26.6 J	50 U
S325	7/14/2000	15 - 30		SF0096	50 U	50 U	50 U	50 U	94.6 J	75.3 J	35 J	19.1 J
S325	7/14/2000	30 - 100		SB0003	50 U	50 U	50 U	67.7 J	50 U	110 J	71.9 J	27.9 J
S325	7/14/2000	100 - 200		SB0004	102 U	102 U	102 U	338 J	102 U	362 J	142 J	102 U
S326	7/14/2000	0 - 15		SF0097	50 U	50 U	50 U	50 U	122 J	105 J	43.1 J	50 U
S326	7/14/2000	15 - 30		SF0098	50 U	50 U	50 U	50 U	170 J	146 J	68.5 J	50 U
S326	7/14/2000	30 - 100		SB0005	100 U	100 U	100 U	821 J	100 U	490 J	107 J	100 U
S326	7/14/2000	100 - 200		SB0006	50 U	50 U	50 U	50 U	90.2 J	91.9 J	28.7 J	50 U
S327	8/5/2000	0 - 15		SF0099	54.7 U	54.7 U	54.7 U	1,030 J	54.7 U	509 J	148 J	54.7 U
S327	8/5/2000	15 - 30		SF0100	108 U	108 U	108 U	1,820 J	108 U	1130 J	204 J	108 U
S327	8/5/2000	30 - 60		SB0007	545 U	545 U	545 U	545 U	5,150 J	545 U	1,590 J	545 U
S327	8/5/2000	60 - 140		SB0008	53.6 U	53.6 U	53.6 U	53.6 U	1,540 J	53.6 U	153 J	53.6 U
S327	8/5/2000	140 - 196		SF0148	109 U	109 U	109 U	1,360 J	109 U	1,440 J	109 U	125 J
S328	7/15/2000	0 - 15		SF0101	50 U	50 U	50 U	50 U	40 J	50.5 J	23.2 J	50 U
S328	7/15/2000	15 - 30		SF0102	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S328	7/15/2000	30 - 100		SB0009	50 U	50 U	50 U	50 U	50 U	50 U	50 U	97.6 J
S328	7/15/2000	100 - 200		SB0010	50 U	50 U	50 U	50 U	50 U	50 U	50 U	119 J
S329	7/16/2000	0 - 15		SF0103	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S329	7/16/2000	15 - 30		SF0104	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S329	7/16/2000	30 - 100		SB0011	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S329	7/16/2000	100 - 200		SB0012	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S330	7/16/2000	0 - 15		SF0105	50 U	50 U	50 U	50 U	50 U	11.4 J	50 U	50 U
S330	7/16/2000	15 - 30		SF0106	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S330	7/16/2000	30 - 100		SB0013	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U

Table B1-11. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Aroclor 1016 (µg/kg-dw)	Aroclor 1221 (µg/kg-dw)	Aroclor 1232 (µg/kg-dw)	Aroclor 1242 (µg/kg-dw)	Aroclor 1248 (µg/kg-dw)	Aroclor 1254 (µg/kg-dw)	Aroclor 1260 (µg/kg-dw)	Aroclor 1268 (µg/kg-dw)
S330	7/16/2000	100 - 200		SB0014	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S331	7/16/2000	0 - 15		SF0107	50 U	50 U	50 U	258 J	50 U	140 J	51.7 J	50 U
S331	7/16/2000	15 - 30		SF0108	150 U	150 U	150 U	2350 J	150 U	996 J	232 J	150 U
S331	7/16/2000	30 - 100		SB0015	500 U	500 U	500 U	827 J	500 U	283 J	500 U	500 U
S331	7/16/2000	100 - 200		SB0016	500 U	500 U	500 U	1020 J	500 U	153 J	500 U	500 U
S332	8/11/2000	0 - 15		SF0109	53.8 U	53.8 U	53.8 U	192 J	53.8 U	24.4 J	12.3 J	53.8 U
S332	8/10/2000	15 - 30		SF0110	53.8 U	1,240 J	53.8 U	172 J	53.8 U	20.7 J	53.8 U	53.8 U
S332	8/10/2000	30 - 100		SB0017	52.8 U	52.8 U	52.8 U	250 J	52.8 U	52.8 U	52.8 U	52.8 U
S332	8/10/2000	100 - 200		SB0018	53.3 U	53.3 U	53.3 U	216 J	53.3 U	35.8 J	53.3 U	53.3 U
S333	8/2/2000	0 - 15		SF0134	103 U	103 U	103 U	103 U	103 U	51.7 J	103 U	103 U
S333	8/2/2000	15 - 30		SF0135	103 U	103 U	103 U	103 U	103 U	60.9 J	103 U	103 U
S333	8/2/2000	30 - 100	D1	SB0041	51 U	51 U	51 U	19.9 J	51 U	51 U	51 U	51 U
S333	8/2/2000	30 - 100	D2	SB0066	52 U	52 U	52 U	52 U	52 U	52 U	52 U	52 U
S333	8/2/2000	100 - 193		SB0042	55.5 U	55.5 U	55.5 U	79.4 J	55.5 U	60.5 J	55.5 U	55.5 U
S334	8/2/2000	0 - 15		SF0153	101 U	101 U	101 U	58.1 J	101 U	84.7 J	37.3 J	101 U
S334	8/2/2000	15 - 30		SF0154	104 U	104 U	104 U	104 U	104 U	45.7 J	104 U	104 U
S334	8/2/2000	30 - 110		SB0059	53.8 U	53.8 U	53.8 U	67.8 J	53.8 U	30.7 J	53.8 U	53.8 U
S334	8/2/2000	110 - 200		SB0060	54.1 U	54.1 U	54.1 U	48.1 J	54.1 U	54.1 U	54.1 U	54.1 U
S335	8/2/2000	0 - 15		SF0115	103 U	103 U	103 U	82.2 J	103 U	98.9 J	34.2 J	103 U
S335	8/2/2000	15 - 30		SF0116	101 U	101 U	101 U	101 U	101 U	53.9 J	101 U	101 U
S335	8/2/2000	30 - 100		SB0023	105 U	105 U	105 U	232 J	732 J	270 J	105 U	105 U
S335	8/2/2000	100 - 190	D1	SB0024	52.6 U	52.6 U	52.6 U	52.6 U	52.6 U	52.6 U	52.6 U	52.6 U
S335	8/2/2000	100 - 190	D2	SB0065	51.3 U	51.3 U	51.3 U	51.3 U	51.3 U	51.3 U	51.3 U	51.3 U
S336	8/3/2000	0 - 15		SF0117	51.8 U	51.8 U	51.8 U	19.5 J	51.8 U	62.9 J	23.5 J	51.8 U
S336	8/3/2000	15 - 30		SF0118	55.3 U	55.3 U	55.3 U	233 J	55.3 U	416 J	109 J	55.3 U
S336	8/3/2000	30 - 100		SB0025	51.1 U	51.1 U	51.1 U	531 J	51.1 U	466 J	68.9 J	51.1 U
S336	8/3/2000	100 - 200		SB0026	53 U	53 U	53 U	85.3 J	53 U	26.4 J	22.1 J	53 U
S337	8/11/2000	0 - 15		SF0174	52.9 U	52.9 U	52.9 U	181 J	52.9 U	172 J	75.2 J	52.9 U
S337	8/3/2000	15 - 30		SF0120	108 U	108 U	108 U	908 J	108 U	727 J	189 J	108 U
S337	8/3/2000	30 - 100		SB0027	52.2 U	52.2 U	52.2 U	458 J	52.2 U	353 J	48.4 J	52.2 U

Table B1-11. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Aroclor 1016 (µg/kg-dw)	Aroclor 1221 (µg/kg-dw)	Aroclor 1232 (µg/kg-dw)	Aroclor 1242 (µg/kg-dw)	Aroclor 1248 (µg/kg-dw)	Aroclor 1254 (µg/kg-dw)	Aroclor 1260 (µg/kg-dw)	Aroclor 1268 (µg/kg-dw)
S337	8/3/2000	100 - 200		SB0028	55.2 U	55.2 U	55.2 U	84.1 J	55.2 U	143 J	66.4 J	55.2 U
S338	8/3/2000	0 - 15		SF0121	152 U	152 U	152 U	1,800 J	152 U	787 J	263 J	152 U
S338	8/3/2000	15 - 30		SF0122	212 U	212 U	212 U	1,320 J	212 U	2,480 J	764 J	212 U
S338	8/3/2000	30 - 130		SB0029	54.5 U	54.5 U	54.5 U	605 J	54.5 U	271 J	123 J	54.5 U
S338	8/3/2000	130 - 200		SB0030	52.1 U	52.1 U	52.1 U	20.5 J	52.1 U	47.9 J	21.7 J	52.1 U
S339	8/3/2000	0 - 15		SF0124	52.5 U	52.5 U	52.5 U	314 J	52.5 U	274 J	134 J	19.4 J
S339	8/3/2000	15 - 30		SF0125	54.7 U	54.7 U	54.7 U	244 J	54.7 U	128 J	95.7 J	26.6 J
S339	8/3/2000	30 - 100		SB0031	50.8 U	50.8 U	50.8 U	100 J	50.8 U	21.5 J	20.6 J	50.8 U
S339	8/3/2000	100 - 168		SB0032	51.5 U	51.5 U	51.5 U	174 J	51.5 U	29.4 J	21.2 J	51.5 U
S339	8/3/2000	168 - 200		SF0123_E	54.2 U	54.2 U	54.2 U	54.2 U	54.2 U	54.2 U	54.2 U	54.2 U
S340	8/15/2000	0 - 2	D1	SF0123	54.3 UJ	54.3 UJ	54.3 UJ	33 J	54.3 UJ	33.7 J	24.3 J	54.3 UJ
S340	8/15/2000	0 - 2	D2	SF0123_R	52.3 UJ	52.3 UJ	52.3 UJ	16.4 J	52.3 UJ	52.3 UJ	52.3 UJ	52.3 UJ
S340	8/3/2000	0 - 15		SF0126	54.1 U	54.1 U	54.1 U	147 J	54.1 U	63.3 J	20.4 J	54.1 U
S340	8/3/2000	15 - 30		SF0127	53.6 U	499 J	53.6 U	53.6 U	53.6 U	20.1 J	53.6 U	53.6 U
S340	8/3/2000	30 - 100		SB0033	50.2 U	1680 J	50.2 U	50.2 U	50.2 U	28.2 J	16.6 J	50.2 U
S340	8/3/2000	100 - 200		SB0034	50.8 U	50.8 U	50.8 U	50.8 U	50.8 U	50.8 U	50.8 U	50.8 U
S341	8/4/2000	0 - 15		SF0128	53.5 U	287 J	53.5 U	53.5 U	53.5 U	21.9 J	53.5 U	53.5 U
S341	8/4/2000	15 - 30		SF0129	53.2 U	435 J	53.2 U	53.2 U	53.2 U	24.1 J	53.2 U	53.2 U
S341	8/4/2000	30 - 85		SB0063	50.5 U	766 J	50.5 U	50.5 U	50.5 U	50.5 U	50.5 U	50.5 U
S341	8/4/2000	85 - 160		SB0064	51.5 U	51.5 U	51.5 U	81.3 J	51.5 U	51.5 U	51.5 U	51.5 U
S341	8/4/2000	160 - 200		SF0119	50.8 U	50.8 U	50.8 U	50.8 U	50.8 U	50.8 U	50.8 U	50.8 U
S342	8/10/2000	0 - 15		SF0130_T	54.4 U	54.4 U	54.4 U	161 J	54.4 U	54.4 U	12.6 J	54.4 U
S342	7/27/2000	15 - 30		SF0131	517 U	517 U	517 U	297 J	517 U	517 U	517 U	517 U
S342	7/27/2000	30 - 100		SB0037	156 U	156 U	156 U	493 J	156 U	156 U	156 U	156 U
S342	7/27/2000	100 - 200		SB0038	522 U	522 U	522 U	506 J	522 U	522 U	522 U	522 U
S343	8/4/2000	0 - 15		SF0132	52.5 U	52.5 U	52.5 U	152 J	52.5 U	31.5 J	52.5 U	52.5 U
S343	8/4/2000	15 - 30		SF0133	52.5 U	52.5 U	52.5 U	162 J	52.5 U	52.5 U	20.3 J	52.5 U
S343	8/4/2000	30 - 100	D1	SB0039	51.2 U	51.2 U	51.2 U	200 J	51.2 U	51.2 U	51.2 U	51.2 U
S343	8/4/2000	30 - 100	D2	SF0167	50.8 UJ	50.8 UJ	50.8 UJ	256 J	50.8 UJ	19.7 J	22 J	50.8 UJ

Table B1-11. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Aroclor 1016 (µg/kg-dw)	Aroclor 1221 (µg/kg-dw)	Aroclor 1232 (µg/kg-dw)	Aroclor 1242 (µg/kg-dw)	Aroclor 1248 (µg/kg-dw)	Aroclor 1254 (µg/kg-dw)	Aroclor 1260 (µg/kg-dw)	Aroclor 1268 (µg/kg-dw)
S343	8/4/2000	100 - 200		SB0040	51.2 U	51.2 U	51.2 U	106 J	51.2 U	51.2 U	51.2 U	51.2 U
S344	8/10/2000	0 - 15		SF0111_T	538 U	538 U	538 U	10,500 J	538 U	642 J	556 J	538 U
S344	7/27/2000	15 - 30		SF0112	521 U	521 U	521 U	4160 J	521 U	258 J	136 J	521 U
S344	7/27/2000	30 - 100	D1	SB0019	512 U	512 U	512 U	1370 J	512 U	172 J	142 J	512 U
S344	7/27/2000	30 - 100	D2	SB0070	506 U	506 U	506 U	1590 J	506 U	164 J	128 J	506 U
S344	7/27/2000	100 - 200		SB0020	203 U	203 U	203 U	168 J	203 U	203 U	203 U	203 U
S345	8/4/2000	0 - 15		SF0136	54.7 U	54.7 U	54.7 U	185 J	54.7 U	54.7 U	19 J	54.7 U
S345	8/4/2000	15 - 30		SF0137	53.1 U	53.1 U	53.1 U	121 J	53.1 U	53.1 U	14.3 J	53.1 U
S345	8/4/2000	30 - 100		SB0043	50.2 U	50.2 U	50.2 U	124 J	50.2 U	50.2 U	50.2 U	50.2 U
S345	8/4/2000	100 - 200		SB0044	52 U	52 U	52 U	151 J	52 U	52 U	52 U	52 U
S346	8/4/2000	0 - 15		SF0138	54.1 U	54.1 U	54.1 U	199 J	54.1 U	54.1 U	17.1 J	54.1 U
S346	8/4/2000	15 - 30		SF0139	54.6 U	54.6 U	54.6 U	257 J	54.6 U	54.6 U	22.3 J	54.6 U
S346	8/4/2000	30 - 160		SB0045	51.4 UJ	51.4 UJ	51.4 UJ	133 J	51.4 UJ	51.4 UJ	51.4 UJ	51.4 UJ
S346	8/4/2000	160 - 200		SB0046	51.2 U	4,460 J	51.2 U	51.2 U	51.2 U	51.2 U	51.2 U	51.2 U
S347	8/4/2000	0 - 15		SF0140	50.6 U	50.6 U	50.6 U	112 J	50.6 U	20.1 J	18.7 J	50.6 U
S347	8/4/2000	15 - 30		SF0141	50.5 U	50.5 U	50.5 U	191 J	50.5 U	23.3 J	14.1 J	50.5 U
S347	8/4/2000	30 - 100		SB0047	52 U	1,460	52 U	52 U	52 U	52 U	52 U	52 U
S347	8/4/2000	100 - 200		SB0048	50.4 U	50.4 U	50.4 U	122 J	50.4 U	50.4 U	50.4 U	50.4 U
S348	8/5/2000	0 - 15		SF0142	50.5 U	50.5 U	50.5 U	134 J	50.5 U	50.5 U	13.6 J	50.5 U
S348	8/5/2000	15 - 30		SF0143	50.3 U	50.3 U	50.3 U	186 J	50.3 U	50.3 U	11.9 J	50.3 U
S348	8/5/2000	30 - 110		SB0049	54.2 U	54.2 U	54.2 U	157 J	54.2 U	37.7 J	24.6 J	54.2 U
S348	8/5/2000	110 - 200		SB0050	55.1 U	55.1 U	55.1 U	147 J	55.1 U	44.9 J	38.6 J	55.1 U
S349	8/5/2000	0 - 15		SF0144	50.2 U	50.2 U	50.2 U	180 J	50.2 U	50.2 U	239 J	50.2 U
S349	8/5/2000	15 - 30		SF0145	50.6 U	50.6 U	50.6 U	905 J	50.6 U	670 J	558 J	50.6 U
S349	8/5/2000	30 - 100		SB0051	54.3 U	54.3 U	54.3 U	58.6 J	54.3 U	24.8 J	13.4 J	54.3 U
S349	8/5/2000	100 - 200		SB0052	55 U	55 U	55 U	12.1 J	55 U	55 U	55 U	55 U
S350	8/5/2000	0 - 15		SF0146	51.9 UJ	51.9 UJ	51.9 UJ	247 J	51.9 UJ	160 J	96.9 J	51.9 UJ
S350	8/5/2000	15 - 30		SF0147	50.5 U	50.5 U	50.5 U	279 J	50.5 U	34.4 J	62.4 J	50.5 U
S350	8/5/2000	30 - 92		SB0053	54.9 U	54.9 U	54.9 U	48.7 J	54.9 U	22.4 J	23.9 J	54.9 U

Table B1-11. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Aroclor 1016 (µg/kg-dw)	Aroclor 1221 (µg/kg-dw)	Aroclor 1232 (µg/kg-dw)	Aroclor 1242 (µg/kg-dw)	Aroclor 1248 (µg/kg-dw)	Aroclor 1254 (µg/kg-dw)	Aroclor 1260 (µg/kg-dw)	Aroclor 1268 (µg/kg-dw)
S350	8/5/2000	92 - 200	D1	SB0054	53.8 U	53.8 U	53.8 U	137 J	53.8 U	308 J	615 J	53.8 U
S350	8/5/2000	92 - 200	D2	SB0067	55.3 U	55.3 U	55.3 U	119 J	55.3 U	219 J	543 J	55.3 U
S351	8/15/2000	0 - 2		SF0173	53.3 U	53.3 U	53.3 U	161 J	53.3 U	69.1 J	57.6 J	53.3 U
S351	8/5/2000	0 - 15		SF0149	55 U	55 U	55 U	548 J	55 U	292 J	376 J	55 U
S351	8/5/2000	15 - 30		SF0150	54.1 U	54.1 U	54.1 U	280 J	54.1 U	100 J	132 J	54.1 U
S351	8/5/2000	30 - 100		SB0055	54.7 U	54.7 U	54.7 U	323 J	54.7 U	487 J	468 J	54.7 U
S351	8/5/2000	100 - 200		SB0056	54.1 U	54.1 U	54.1 U	152 J	54.1 U	468 J	904 J	54.1 U
S352	8/10/2000	0 - 15		SF0151	54.5 UJ	54.5 UJ	54.5 UJ	466 J	54.5 UJ	399 J	165 J	54.5 UJ
S352	8/10/2000	15 - 30		SF0152	54 UJ	54 UJ	54 UJ	448 J	54 UJ	221 J	292 J	54 UJ
S352	8/10/2000	30 - 100		SB0057	55 U	55 U	55 U	240 J	55 U	224 J	255 J	55 U
S352	8/10/2000	100 - 200		SB0058	53.8 U	53.8 U	53.8 U	31.5 J	53.8 U	53.8 U	53.8 U	53.8 U
S353	7/27/2000	0 - 15		SF0113	152 U	152 U	152 U	378 J	152 U	360 J	208 J	152 U
S353	7/27/2000	15 - 30		SF0114	52.5 U	52.5 U	52.5 U	77.9 J	52.5 U	80.9 J	64 J	52.5 U
S353	7/27/2000	30 - 100		SB0021	50.8 U	50.8 U	50.8 U	50.8 U	50.8 U	50.8 U	50.8 U	50.8 U
S353	7/27/2000	100 - 200		SB0022	51.4 U	51.4 U	51.4 U	51.4 U	51.4 U	51.4 U	51.4 U	51.4 U
S354	8/10/2000	0 - 15		SF0155	54.6 U	54.6 U	54.6 U	142 J	54.6 U	108 J	39.6 J	54.6 U
S354	8/13/2000	15 - 30		SF0156	53.3 UJ	53.3 UJ	53.3 UJ	260 J	53.3 UJ	146 J	67.8 J	53.3 UJ
S354	8/13/2000	30 - 100		SB0061	274 U	274 U	274 U	17,900 J	274 U	9,430 J	1,880 J	274 U
S354	8/13/2000	100 - 200	D1	SB0062	52.8 U	52.8 U	52.8 U	270 J	52.8 U	102 J	65.6 UJ	52.8 U
S354	8/13/2000	100 - 200	D2	SB0069	53.3 U	1,030 J	53.3 U	550 J	53.3 U	506 J	154 J	53.3 U
S355	8/10/2000	0 - 15		SF0157	54.1 UJ	54.1 UJ	54.1 UJ	99.8 J	54.1 UJ	74.9 J	33.8 J	54.1 UJ
S355	8/13/2000	15 - 30		SF0158	53.5 UJ	53.5 UJ	53.5 UJ	292 J	53.5 UJ	167 J	84.9 J	53.5 UJ
S355	8/13/2000	30 - 100		SB0035	108 U	108 U	108 U	4,350 J	108 U	1600 J	440 J	108 U
S355	8/13/2000	100 - 200		SB0036	53.3 U	53.3 U	53.3 U	167 J	53.3 U	191 J	113 UJ	53.3 U
S434	8/9/2000	0 - 15		SF0170	50.2 U	50.2 U	50.2 U	21 J	50.2 U	13.3 J	50.2 U	50.2 U
S434	8/9/2000	15 - 30		SF0171	540 U	540 U	540 U	540 U	540 U	540 U	540 U	540 U
S434	8/9/2000	30 - 100		SB0100	52.9 U	52.9 U	52.9 U	52.9 U	52.9 U	52.9 U	52.9 U	52.9 U
S434	8/9/2000	100 - 200		SB0101	53.6 U	53.6 U	53.6 U	53.6 U	53.6 U	53.6 U	53.6 U	53.6 U
S435	8/9/2000	0 - 5		SF0172	53.8 UJ	53.8 UJ	53.8 UJ	67.2 J	53.8 UJ	49.1 J	15.8 J	53.8 UJ

Table B1-12. PCDD/PCDFs in 2-m Cores

Station	Date	Depth (cm)	Duplicate	Sample Number	2,3,7,8-Tetrachloro-dibenzodioxin (ng/kg-dw)	1,2,3,7,8-Pentachloro-dibenzodioxin (ng/kg-dw)	1,2,3,4,7,8-Hexachloro-dibenzodioxin (ng/kg-dw)	1,2,3,6,7,8-Hexachloro-dibenzodioxin (ng/kg-dw)	1,2,3,7,8,9-Hexachloro-dibenzodioxin (ng/kg-dw)	1,2,3,4,6,7,8-Heptachloro-dibenzodioxin (ng/kg-dw)	Total tetrachloro-dibenzodioxins (ng/kg-dw)
S333	8/2/2000	0 - 15		SF0134	0.223 J	0.771 J	0.556 J	1.42 J	1.06 J	10.3	22.7
S333	8/2/2000	15 - 30		SF0135	0.15 U	0.166 J	0.1 U	0.435 J	0.317 J	2.3 U	6.99
S333	8/2/2000	30 - 100	D1	SB0041	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.22 U	0.1 U
S333	8/2/2000	30 - 100	D2	SB0066	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.33 U	0.18 J
S333	8/2/2000	100 - 193		SB0042	0.12 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
S335	8/2/2000	0 - 15		SF0115	1.95	5.11	2.22 J	8.22	6.82	73.9	49.1
S335	8/2/2000	15 - 30		SF0116	1.92	5.31	2.53	6.48	6.16	49.7	59.5
S335	8/2/2000	30 - 100		SB0023	0.15 U	0.218 J	0.183 J	0.399 J	0.378 J	1.5 U	5.99
S335	8/2/2000	100 - 190	D1	SB0024	0.15 U	0.1 U	0.1 U	0.1 U	0.1 U	0.19 U	0.15 U
S335	8/2/2000	100 - 190	D2	SB0065	0.16 U	0.1 U	0.1 U	0.1 U	0.1 U	0.34 U	0.16 U
S336	8/3/2000	0 - 15		SF0117	0.399 J	0.863 J	1.08 J	3.07	2.62 J	37.5	5.11
S336	8/3/2000	15 - 30		SF0118	9.99	26.4	20.7	93.7	74.4	884	130
S336	8/3/2000	30 - 100		SB0025	15.5	37.5	25.4	118	104	1,380	277
S336	8/3/2000	100 - 200		SB0026	1 U	5.65 J	4.02	12.7	13.4	134	16.9
S345	8/4/2000	0 - 15		SF0136	0.687 J	2.08	0.76 J	4.07	0.674 J	20	6.5
S345	8/4/2000	15 - 30		SF0137	1.53	4.21 J	1.19 J	5.24	4.88	16.2	4.71
S345	8/4/2000	30 - 100		SB0043	2.75	18.7	5.12	16.4	14.2	29.8	16.7
S345	8/4/2000	100 - 200		SB0044	0.396 J	0.47 U	0.45 U	0.618 J	1.51 J	10.5	10.1
S346	8/4/2000	0 - 15		SF0138	1.1	4.12 J	2.84	5.89	5.55	18.2	34.6
S346	8/4/2000	15 - 30		SF0139	1.55 J	8.77	3.78	11.6 J	11.1 J	29.7	12.7
S346	8/4/2000	30 - 160		SB0045	13 J	32.7	11.2	32.5	29.5	74.1	113
S346	8/4/2000	160 - 200		SB0046	2.32	5.61	0.961 J	4.57 J	5.24 J	7.3	155
S347	8/4/2000	0 - 15		SF0140	1.78 J	5.45	2.56	5.31 J	6.62 J	25	39.4
S347	8/4/2000	15 - 30		SF0141	2.9	5.51	3.57 J	4.44	5.4	28.3	17.7
S347	8/4/2000	30 - 100		SB0047	0.709 J	1.14 J	0.909 J	1.76 J	3.17 J	18.6 J	14.1
S347	8/4/2000	100 - 200		SB0048	0.37 J	0.878 J	0.36 J	1.22 J	1.53 J	9.97	4.23

Table B1-12. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Total pentachloro-dibenzodioxins (ng/kg-dw)	Total hexachloro-dibenzodioxins (ng/kg-dw)	Total heptachloro-dibenzodioxins (ng/kg-dw)	Octachloro-dibenzodioxin (ng/kg-dw)	2,3,7,8-Tetrachloro-dibenzofuran (ng/kg-dw)	1,2,3,7,8-Pentachloro-dibenzofuran (ng/kg-dw)
S333	8/2/2000	0 - 15		SF0134	9.97	12.4	19.7	47	6.98	2.11
S333	8/2/2000	15 - 30		SF0135	3.87	3.43	4.05	8.06	3.11	1.23
S333	8/2/2000	30 - 100	D1	SB0041	0.1 U	0.1 U	0.46 U	1.2 U	0.444 J	0.104 J
S333	8/2/2000	30 - 100	D2	SB0066	0.1 U	0.324 J	0.33 U	1.9 U	0.313 J	0.1 U
S333	8/2/2000	100 - 193		SB0042	0.1 U	0.1 U	0.1 U	0.49 U	0.1 U	0.1 U
S335	8/2/2000	0 - 15		SF0115	29.7	59.1	138	261	97.5	30.7
S335	8/2/2000	15 - 30		SF0116	43.9	48.7	88.6	133	139	43.5
S335	8/2/2000	30 - 100		SB0023	1.83	2.02 J	1.7 U	4.8 U	3.8	1.51
S335	8/2/2000	100 - 190	D1	SB0024	0.1 U	0.1 U	0.19 U	1.1 U	0.12 U	0.1 U
S335	8/2/2000	100 - 190	D2	SB0065	0.1 U	0.1 U	0.1 U	0.82 U	0.12 U	0.1 U
S336	8/3/2000	0 - 15		SF0117	4.79	22	70.8	198	10	3.24
S336	8/3/2000	15 - 30		SF0118	225	737	1,690	2,980	57.3	20.4
S336	8/3/2000	30 - 100		SB0025	371	1,100	2,850	2,340	90.1	18.6
S336	8/3/2000	100 - 200		SB0026	23.8	114	264	507	230	55.5
S345	8/4/2000	0 - 15		SF0136	3.25	22.2	38.6	45.9	35.5	10.4
S345	8/4/2000	15 - 30		SF0137	3.31	30.2	26.4	49.6	86.6	32
S345	8/4/2000	30 - 100		SB0043	47	58.5	42.5	75.4	437	140
S345	8/4/2000	100 - 200		SB0044	31.7	21	20.9	62.5	64.5	19.9
S346	8/4/2000	0 - 15		SF0138	25.8	41	32	38.7 J	268	67.7
S346	8/4/2000	15 - 30		SF0139	17.4	25.7	42.4	45	270	72.6
S346	8/4/2000	30 - 160		SB0045	120	146	102	78.6	657	214
S346	8/4/2000	160 - 200		SB0046	86.5	45	7.3	9.06 J	82.5	16.2
S347	8/4/2000	0 - 15		SF0140	13.9	21.6	40.5	136	196	36.2
S347	8/4/2000	15 - 30		SF0141	12.2	20.9	42.9	101	232	37.7
S347	8/4/2000	30 - 100		SB0047	0.25 U	7.67	8.98	73.5	45.4	14.9
S347	8/4/2000	100 - 200		SB0048	3.41	10.7	18.9	75.3	78.2	26.8

Table B1-12. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	2,3,4,7,8-Pentachloro-dibenzofuran (ng/kg-dw)	1,2,3,4,7,8-Hexachloro-dibenzofuran (ng/kg-dw)	1,2,3,6,7,8-Hexachloro-dibenzofuran (ng/kg-dw)	1,2,3,7,8,9-Hexachloro-dibenzofuran (ng/kg-dw)	2,3,4,6,7,8-Hexachloro-dibenzofuran (ng/kg-dw)	1,2,3,4,6,7,8-Heptachloro-dibenzofuran (ng/kg-dw)
S333	8/2/2000	0 - 15		SF0134	5.08	4.18	1.62 J	0.331 J	0.972 J	7.8 U
S333	8/2/2000	15 - 30		SF0135	1.73	1.86 J	0.739 J	0.101 J	0.553 J	3 U
S333	8/2/2000	30 - 100	D1	SB0041	0.14 J	0.11 U	0.1 U	0.1 U	0.1 U	0.16 U
S333	8/2/2000	30 - 100	D2	SB0066	0.232 J	0.2 U	0.1 J	0.1 U	0.1 U	0.33 U
S333	8/2/2000	100 - 193		SB0042	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
S335	8/2/2000	0 - 15		SF0115	80.6	49.9	11.1	2.6	5.36	47.5
S335	8/2/2000	15 - 30		SF0116	128	67.6	16.1	3.9	6.72	57.2
S335	8/2/2000	30 - 100		SB0023	1.78	1.04 J	0.792 J	0.15 U	0.453 J	2.1 U
S335	8/2/2000	100 - 190	D1	SB0024	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
S335	8/2/2000	100 - 190	D2	SB0065	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
S336	8/3/2000	0 - 15		SF0117	3.72	4.8	1.46 J	0.326 J	1.41 J	17
S336	8/3/2000	15 - 30		SF0118	19.9	32.6	11.6	1.51 J	11.5	453
S336	8/3/2000	30 - 100		SB0025	21.8	43.1	17.6	1.32 J	15.6	762
S336	8/3/2000	100 - 200		SB0026	164	79.5	18.5	3.76	9.5	84.1
S345	8/4/2000	0 - 15		SF0136	29.6	17.8	4.05	0.991 J	2.26	14.3
S345	8/4/2000	15 - 30		SF0137	57.8	72.5	10.4	1.69 J	3.3	33.3
S345	8/4/2000	30 - 100		SB0043	563	177	27.9	7.54	11.2	81.4
S345	8/4/2000	100 - 200		SB0044	72.6	30.9	5.44	1.88 J	2.41 J	18.7
S346	8/4/2000	0 - 15		SF0138	231	78.6	18.5	7.44	7.91	47.1
S346	8/4/2000	15 - 30		SF0139	368	193	32.1	8.36	17.3	99.8
S346	8/4/2000	30 - 160		SB0045	470	431	74.7	21	35.4	299
S346	8/4/2000	160 - 200		SB0046	83.4	74	11.3	6.69 J	4.73	36.9
S347	8/4/2000	0 - 15		SF0140	141	65.5	9.01	2.28 J	3.78 J	37.1
S347	8/4/2000	15 - 30		SF0141	109	99.1	13.1	3.48 J	5.15	66.2
S347	8/4/2000	30 - 100		SB0047	112	68.5	6.16	1.77 J	2.17 J	23.2
S347	8/4/2000	100 - 200		SB0048	60.4	17.1	3.82	0.61 U	2.5	12.1

Table B1-12. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	1,2,3,4,7,8,9-Heptachloro-dibenzofuran (ng/kg-dw)	Total tetrachloro-dibenzofurans (ng/kg-dw)	Total pentachloro-dibenzofurans (ng/kg-dw)	Total hexachloro-dibenzofurans (ng/kg-dw)	Total heptachloro-dibenzofurans (ng/kg-dw)	Octachloro-dibenzofuran (ng/kg-dw)
S333	8/2/2000	0 - 15		SF0134	1.68 J	97.5	32.6	17.2	15.8	21.6
S333	8/2/2000	15 - 30		SF0135	0.59 J	57.5	13.2	5.4	4.7	4.95
S333	8/2/2000	30 - 100	D1	SB0041	0.1 U	5.12	1.11	0.267 J	0.1 U	0.18 U
S333	8/2/2000	30 - 100	D2	SB0066	0.1 U	6.28	1.45	0.458 J	0.1 U	0.17 U
S333	8/2/2000	100 - 193		SB0042	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
S335	8/2/2000	0 - 15		SF0115	16.8	58.9	349	155	110	179
S335	8/2/2000	15 - 30		SF0116	26.4	892	520	206	126	262
S335	8/2/2000	30 - 100		SB0023	0.313 J	77.8	18.7	5.11	2.41 J	3.6 J
S335	8/2/2000	100 - 190	D1	SB0024	0.1 U	0.12 U	0.1 U	0.1 U	0.1 U	0.26 U
S335	8/2/2000	100 - 190	D2	SB0065	0.1 U	0.12 U	0.1 U	0.1 U	0.1 U	0.33 U
S336	8/3/2000	0 - 15		SF0117	1.71 J	54	21.2	29.6	43.4	25.3
S336	8/3/2000	15 - 30		SF0118	18.6	336	226	619	1,350	549
S336	8/3/2000	30 - 100		SB0025	25.5	618	559	1,620	2,710	1,020
S336	8/3/2000	100 - 200		SB0026	29	1,270	699	259	205	333
S345	8/4/2000	0 - 15		SF0136	6.13	403	143	48.1	32.9	46.4
S345	8/4/2000	15 - 30		SF0137	23.1	655	271	115	79.4	140
S345	8/4/2000	30 - 100		SB0043	47.3	2,680	1,930	389	185	417
S345	8/4/2000	100 - 200		SB0044	9.94	660	266	67.5	40.7	59.4
S346	8/4/2000	0 - 15		SF0138	28.8	1,400	758	209	108	214
S346	8/4/2000	15 - 30		SF0139	68.1	1,770	1,250	454	260	526
S346	8/4/2000	30 - 160		SB0045	195	3,330	2,290	1,060	740	1,720
S346	8/4/2000	160 - 200		SB0046	29.5	1,230	359	154	93.9	182
S347	8/4/2000	0 - 15		SF0140	27.9	1,330	459	126	97.6	325
S347	8/4/2000	15 - 30		SF0141	52.9	1,010	400	210	181	729
S347	8/4/2000	30 - 100		SB0047	22.1	611	348	116	70.9	125
S347	8/4/2000	100 - 200		SB0048	2.45	505	245	44.5	20.7	24

Table B1-13. Inorganics in 2-m Cores

Station	Date	Depth (cm)	Duplicate	Sample Number	Aluminum (mg/kg-dw)	Antimony (mg/kg-dw)	Arsenic (mg/kg-dw)	Barium (mg/kg-dw)	Beryllium (mg/kg-dw)	Cadmium (mg/kg-dw)	Calcium (mg/kg-dw)
S324	7/13/2000	0 - 15		SF0092	2,020	0.47 UJ	1.8	185	0.19	0.52 J	328,000
S324	7/13/2000	15 - 30		SF0093	2,280	0.43 UJ	2	217	0.21	0.55 J	322,000
S324	7/13/2000	30 - 100	D1	SB0001	3,360	0.49 J	4.7	159	0.29	3.2 J	257,000
S324	7/13/2000	30 - 100	D2	SB0068	3,850	0.4 J	5.1	205	0.34	3.9 J	281,000
S324	7/13/2000	100 - 200		SB0002	4,920	0.57 UJ	4.4	53.6	0.33	0.085 UJ	271,000
S325	7/14/2000	0 - 2		SF0094	2,850	0.46 UJ	3.1	210	0.22	0.44	316,000
S325	7/14/2000	2 - 15		SF0095	2,640	0.48 J	2.7	199	0.2	0.34	301,000
S325	7/14/2000	15 - 30		SF0096	3,110	0 J	3.2	209	0.24	0.54	315,000
S325	7/14/2000	30 - 100		SB0003	4,680	0.55 J	5	328	0.33	1.2	288,000
S325	7/14/2000	100 - 200		SB0004	8,440	0.71 J	7.4	284	0.54	5.9	194,000
S326	7/14/2000	0 - 15		SF0097	4,340	0.49 UJ	3.1	297	0.31	1.9	300,000
S326	7/14/2000	15 - 30		SF0098	5,180	0.46 UJ	4.2	345	0.36	3.1	304,000
S326	7/14/2000	30 - 100		SB0005	9,090	1.7 J	10.1	724	0.58	11.5	214,000
S326	7/14/2000	100 - 200		SB0006	6,310	6.1 J	21.4	3,370	0.54	20.2	236,000
S327	8/5/2000	0 - 15		SF0099	7,510	2.2 J	21.6	1,080 J	0.54	6.3	177,000
S327	8/5/2000	15 - 30		SF0100	8,850	1.8 J	22.6	1,070 J	0.66	10.9	166,000
S327	8/5/2000	30 - 60		SB0007	6,150 J	0.75 J	18.6 J	1,520 J	0.48	11.8 J	152,000 J
S327	8/5/2000	60 - 140		SB0008	11,600	5.5 J	13.8	896	0.71	0.18 U	48,700
S327	8/5/2000	140 - 196		SF0148	13,300	0.67 UJ	18.3	1,480 J	0.81	1.8	89,400
S328	7/15/2000	0 - 15		SF0101	1,660	0.31 UJ	3.2	131 J	0.12	1.1	336,000
S328	7/15/2000	15 - 30		SF0102	1,320	0.36 UJ	0.41 U	107 J	0.03	0.052 U	371,000
S328	7/15/2000	30 - 100		SB0009	1,440	0.36 UJ	0.42	97.3 J	0.039	0.053 U	343,000
S328	7/15/2000	100 - 200		SB0010	1,180	0.33 UJ	0.64	90 J	0.032	0.049 U	344,000
S329	7/16/2000	0 - 15		SF0103	791	0.39 J	0.42 U	99	0.17	0.21	315,000
S329	7/16/2000	15 - 30		SF0104	962	0.33 UJ	0.51	95.4	0.17	0.049	335,000
S329	7/16/2000	30 - 100		SB0011	1,560	0.35 UJ	0.4 U	89.5	0.2	0.078	317,000
S329	7/16/2000	100 - 200		SB0012	1,830	0.35 J	0.44	87.1	0.22	0.057	332,000
S330	7/16/2000	0 - 15		SF0105	1,100	0.32 J	1.3	98.7	0.19	0.19	355,000
S330	7/16/2000	15 - 30		SF0106	821	0.33 UJ	0.52	97.5	0.17	0.068	322,000
S330	7/16/2000	30 - 100		SB0013	1,200	0.34 J	0.41	96	0.19	0.13	325,000

Table B1-13. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Aluminum (mg/kg-dw)	Antimony (mg/kg-dw)	Arsenic (mg/kg-dw)	Barium (mg/kg-dw)	Beryllium (mg/kg-dw)	Cadmium (mg/kg-dw)	Calcium (mg/kg-dw)
S330	7/16/2000	100 - 200		SB0014	1,590	0.33 UJ	0.38 U	89.9	0.2	0.13	318,000
S331	7/16/2000	0 - 15		SF0107	7,090	0.53 UJ	5.3	228	0.56	5.6	240,000
S331	7/16/2000	15 - 30		SF0108	9,320	0.66 UJ	14.6	580	0.87	22.8	200,000
S331	7/16/2000	30 - 100		SB0015	5,170	0.96 J	12.1	2,040	0.51	15.4	275,000
S331	7/16/2000	100 - 200		SB0016	5,740	0.76 J	11.9	1,270	0.45	1.9	273,000
S332	8/11/2000	0 - 15		SF0109	3,920	0.42 J	8.4	756	0.36	1.9	375,000
S332	8/10/2000	15 - 30		SF0110	6,370	0.78 J	11.5	3,980	0.62	0.74	318,000
S332	8/10/2000	30 - 100		SB0017	6,790	0.83 J	14.6	3,640	0.68	0.63	288,000
S332	8/10/2000	100 - 200		SB0018	5,820	0.71 J	12.8	3,790	0.58	0.8	315,000
S333	8/2/2000	0 - 15		SF0134	3,690	3.4 J	47.3 J	95.2	0.45	1.1	252,000
S333	8/2/2000	15 - 30		SF0135	3,170	3.5 J	39.7 J	86.7	0.42	0.94	269,000
S333	8/2/2000	30 - 100	D1	SB0041	990	0.27 UJ	0.96 J	76.8	0.11	0.04 U	264,000
S333	8/2/2000	30 - 100	D2	SB0066	1,520	0.3 J	2.5 J	86.9	0.15	0.04 U	307,000
S333	8/2/2000	100 - 193		SB0042	1,260	0.42 J	0.53 J	71.5	0.12	0.045 U	269,000
S334	8/2/2000	0 - 15		SF0153	3,670	3.5 J	18 J	917	0.4	1.1	232,000
S334	8/2/2000	15 - 30		SF0154	6,300	2.9 J	23.3 J	404	0.63	0.44	213,000
S334	8/2/2000	30 - 110		SB0059	6,450	0.99 J	18 J	352	0.6	0.31	230,000
S334	8/2/2000	110 - 200		SB0060	3,850	5.4 J	31.3 J	210	0.44	0.82	205,000
S335	8/2/2000	0 - 15		SF0115	3,930	2.9 J	20.6 J	685	0.41	1	267,000
S335	8/2/2000	15 - 30		SF0116	5,120	2.6 J	25.3 J	540	0.54	0.6	228,000
S335	8/2/2000	30 - 100		SB0023	3,360	0.81 J	7.7 J	70.1	0.31	0.24	267,000
S335	8/2/2000	100 - 190	D1	SB0024	1,380	0.35 J	0.65 J	94.4	0.12	0.049 U	305,000
S335	8/2/2000	100 - 190	D2	SB0065	1,360	0.34 UJ	0.59 J	90	0.13	0.05 U	298,000
S336	8/3/2000	0 - 15		SF0117	2,080	0.51 J	5.7	204 J	0.19 J	0.23 J	225,000
S336	8/3/2000	15 - 30		SF0118	3,440	7.4 J	20.5	2,990 J	0.35 J	5.1 J	166,000
S336	8/3/2000	30 - 100		SB0025	6,050	10.8 J	28.6	4,760	0.62	6.1	173,000
S336	8/3/2000	100 - 200		SB0026	4,480	7.2 J	38.9 J	805	0.51	2.4	249,000
S337	8/11/2000	0 - 15		SF0174	5,050	0.89 J	8.9	510	0.38	4.2	299,000
S337	8/3/2000	15 - 30		SF0120	4,750	1.7 J	16.2	992 J	0.44 J	7.7 J	210,000
S337	8/3/2000	30 - 100		SB0027	8,980	11.1 J	33.6	3,540 J	0.85 J	20.5 J	195,000

Table B1-13. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Aluminum (mg/kg-dw)	Antimony (mg/kg-dw)	Arsenic (mg/kg-dw)	Barium (mg/kg-dw)	Beryllium (mg/kg-dw)	Cadmium (mg/kg-dw)	Calcium (mg/kg-dw)
S337	8/3/2000	100 - 200		SB0028	4,090	7.3 J	26.7	2,930 J	0.38 J	12.3 J	225,000
S338	8/3/2000	0 - 15		SF0121	5,210	2.3 J	20.6	1,410 J	0.5 J	10.4 J	212,000
S338	8/3/2000	15 - 30		SF0122	5,480	2.2 J	16.5	1,070 J	0.49 J	12.8 J	215,000
S338	8/3/2000	30 - 130		SB0029	5,200	2.6 J	17.5	2,090 J	0.44 J	10.3 J	206,000
S338	8/3/2000	130 - 200		SB0030	5,020	0.46 UJ	3.3	70.9 J	0.27 J	0.24 J	275,000
S339	8/3/2000	0 - 15		SF0124	2,730	1.5 J	15.1	1,430 J	0.31 J	2.3 J	205,000
S339	8/3/2000	15 - 30		SF0125	3,350	2.2 J	13.7	975 J	0.34 J	1.7 J	237,000
S339	8/3/2000	30 - 100		SB0031	3,780	1.1 J	17.8	398 J	0.33 J	0.86 J	250,000
S339	8/3/2000	100 - 168		SB0032	3,920	0.69 J	11.9	237 J	0.3 J	0.51 J	273,000
S339	8/3/2000	168 - 200		SF0123_E	4,110	0.49 J	3.6	52.4 J	0.27 J	0.063 J	265,000
S340	8/15/2000	0 - 2	D1	SF0123	1,630 J	0.36 UJ	17.1 J	229 J	0.15 J	0.15 J	304,000 J
S340	8/15/2000	0 - 2	D2	SF0123_R	3,020 J	0.53 J	18.7 J	1,640 J	0.27 J	0.26 J	317,000 J
S340	8/3/2000	0 - 15		SF0126	2,770	0.46 J	8.5	952 J	0.26 J	0.13 J	260,000
S340	8/3/2000	15 - 30		SF0127	3,760	0.38 UJ	8.7	2,750 J	0.31 J	0.066 J	266,000
S340	8/3/2000	30 - 100		SB0033	5,920	0.43 J	11	608 J	0.48 J	0.22 J	239,000
S340	8/3/2000	100 - 200		SB0034	4,580	1 J	6.2	30.5 J	0.39 J	0.062 UJ	249,000
S341	8/4/2000	0 - 15		SF0128	6,390	0.78 J	9.4	1,010	0.53	0.19	297,000
S341	8/4/2000	15 - 30		SF0129	7,430	0.53 J	8.4	22,600	0.57	0.071 U	257,000
S341	8/4/2000	30 - 85		SB0063	3,480	0.36 UJ	5.1	763	0.29	0.052 U	320,000
S341	8/4/2000	85 - 160		SB0064	2,750	1.1 J	32.7	101	0.34	0.97	324,000
S341	8/4/2000	160 - 200		SF0119	2,170	0.81 J	24.5	172	0.23	2.8	339,000
S342	8/10/2000	0 - 15		SF0130_T	5,430	0.8 J	9.7	1,430	0.49	1.4	278,000
S342	7/27/2000	15 - 30		SF0131	3,910	0.43 J	6.1	284	0.32	0.39	312,000
S342	7/27/2000	30 - 100		SB0037	2,180	0.58 J	4	153	0.21	1	298,000
S342	7/27/2000	100 - 200		SB0038	2,860	0.41 J	4.1	670	0.21	0.85	288,000
S343	8/4/2000	0 - 15		SF0132	3,350	0.59 J	7.3	1,090	0.44	0.88	329,000
S343	8/4/2000	15 - 30		SF0133	3,010	0.36 J	4.4	558	0.28	1.2	331,000
S343	8/4/2000	30 - 100	D1	SB0039	7,570	0.71	9.9	406	0.74	0.6	289,000
S343	8/4/2000	30 - 100	D2	SF0167	7,600	0.42 UJ	10.8	304	0.74	0.58	285,000
S343	8/4/2000	100 - 200		SB0040	8,260	0.62 J	12.1	166	0.72	0.15	270,000

Table B1-13. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Aluminum (mg/kg-dw)	Antimony (mg/kg-dw)	Arsenic (mg/kg-dw)	Barium (mg/kg-dw)	Beryllium (mg/kg-dw)	Cadmium (mg/kg-dw)	Calcium (mg/kg-dw)
S344	8/10/2000	0 - 15		SF0111_T	3,180	5.4	7.7	125	0.45	1	313,000
S344	7/27/2000	15 - 30		SF0112	1,340	9.1 J	7.2	107	0.18	1.4	315,000
S344	7/27/2000	30 - 100	D1	SB0019	2,990	5.4 J	7.6	165 J	0.36	2.1	313,000
S344	7/27/2000	30 - 100	D2	SB0070	2,700	5.2 J	6.6	160	0.26	1.8	281,000
S344	7/27/2000	100 - 200		SB0020	2,560	0.47 J	4.5	684	0.2	0.5	196,000
S345	8/4/2000	0 - 15		SF0136	8,230	0.68 J	11.8	2,070	0.65	0.35	276,000
S345	8/4/2000	15 - 30		SF0137	6,700	0.92 J	11.5	1,350	0.52	0.62	287,000
S345	8/4/2000	30 - 100		SB0043	5,560	0.67 J	9.7	2,670	0.48	1.2	301,000
S345	8/4/2000	100 - 200		SB0044	2,820	0.48 J	10.2	2,100	0.35	1.2	343,000
S346	8/4/2000	0 - 15		SF0138	3,080	0.46 J	4.8	776	0.32	0.91	318,000
S346	8/4/2000	15 - 30		SF0139	2,410	0.34 J	3.9	1,410	0.24	2.3	324,000
S346	8/4/2000	30 - 160		SB0045	4,810	0.38 UJ	9.2	674	0.46	0.92	316,000
S346	8/4/2000	160 - 200		SB0046	5,940	0.76 J	25.9	1,630	0.7	0.89	278,000
S347	8/4/2000	0 - 15		SF0140	6,200	0.54 J	10.4	1,360	0.54	0.62	282,000
S347	8/4/2000	15 - 30		SF0141	8,770	0.88 J	12.1	1,540	0.71	0.37	280,000
S347	8/4/2000	30 - 100		SB0047	6,500	0.65 J	9.4	732	0.49	0.14	291,000
S347	8/4/2000	100 - 200		SB0048	6,390	0.82 J	9	1,460	0.54	0.69	313,000
S348	8/5/2000	0 - 15		SF0142	4,000	0.59 J	7.4	284	0.36	0.86	339,000
S348	8/5/2000	15 - 30		SF0143	2,840	0.47 UJ	5.8	242	0.27	0.64	322,000
S348	8/5/2000	30 - 110		SB0049	4,950 J	0.57 UJ	8.3 J	811 J	0.4	0.57	304,000 J
S348	8/5/2000	110 - 200		SB0050	3,970	0.37 UJ	4.6	525 J	0.3	4.7	293,000
S349	8/5/2000	0 - 15		SF0144	3,980	0.39 UJ	6.9	783 J	0.37	1.4	309,000
S349	8/5/2000	15 - 30		SF0145	5,590	0.42 UJ	8.5	436 J	0.54	3	274,000
S349	8/5/2000	30 - 100		SB0051	6,630 J	0.47 UJ	3.7 J	32.2 J	0.52	0.17	318,000 J
S349	8/5/2000	100 - 200		SB0052	5,700 J	0.51 UJ	3.3	20.1 J	0.44	0.075 U	327,000 J
S350	8/5/2000	0 - 15		SF0146	4,590	0.58 J	7.1	1,230 J	0.38	0.72	313,000
S350	8/5/2000	15 - 30		SF0147	3,260	0.45 J	5.5	496 J	0.29	0.67	334,000
S350	8/5/2000	30 - 92		SB0053	3,600 J	0.65 J	6.5 J	808 J	0.33	0.59	300,000 J
S350	8/5/2000	92 - 200	D1	SB0054	6,110 J	0.4 UJ	10 J	961 J	0.45	2.3 J	261,000 J
S350	8/5/2000	92 - 200	D2	SB0067	6,140 J	0.52 J	8.9 J	944 J	0.44	2.3 J	251,000 J

Table B1-13. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Aluminum (mg/kg-dw)	Antimony (mg/kg-dw)	Arsenic (mg/kg-dw)	Barium (mg/kg-dw)	Beryllium (mg/kg-dw)	Cadmium (mg/kg-dw)	Calcium (mg/kg-dw)
S351	8/15/2000	0 - 2		SF0173	5,760	0.9	5.9	405	0.44	1.1	281,000
S351	8/5/2000	0 - 15		SF0149	2,520	0.27 UJ	3.4	109 J	0.33	0.82	326,000
S351	8/5/2000	15 - 30		SF0150	4,880	0.36 UJ	6.1	308 J	0.43	1.7	248,000
S351	8/5/2000	30 - 100		SB0055	4,100	1.3 J	5.8	159 J	0.33	2.9	277,000
S351	8/5/2000	100 - 200		SB0056	6,790 J	1 J	10 J	649 J	0.47	3.6 J	244,000 J
S352	8/10/2000	0 - 15		SF0151	5,590	1.2	5.2	242	0.41	2.6	143,000
S352	8/10/2000	15 - 30		SF0152	7,210	0.8 J	7.4	344	0.47	4.4	216,000
S352	8/10/2000	30 - 100		SB0057	5,180	1.3 J	5.6	291	0.37	3.8	211,000
S352	8/10/2000	100 - 200		SB0058	1,620	0.36 UJ	0.42 U	112	0.15	0.054 U	309,000
S353	7/27/2000	0 - 15		SF0113	3,100	0.46 J	3.5	188	0.37	2.2	151,000
S353	7/27/2000	15 - 30		SF0114	2,560	0.48 J	2.5	115	0.25	2.4	90,500
S353	7/27/2000	30 - 100		SB0021	1,890	0.39 J	1.3	85.7	0.14	0.04 U	154,000
S353	7/27/2000	100 - 200		SB0022	1,580	0.3 UJ	0.58	97.7	0.12	0.045 U	235,000
S354	8/10/2000	0 - 15		SF0155	12,000	1.2 J	5.6	274	0.66	3.1	215,000
S354	8/13/2000	15 - 30		SF0156	8,260	0.72 J	4.8	186	0.42	3.1	239,000
S354	8/13/2000	30 - 100		SB0061	12,400	1.4 J	13	383	0.86	39.5	174,000
S354	8/13/2000	100 - 200	D1	SB0062	4,840	1.6 J	9.4	650	0.39	5.1	315,000
S354	8/13/2000	100 - 200	D2	SB0069	6,180	1.4 J	10	573	0.43	11.2	270,000
S355	8/10/2000	0 - 15		SF0157	11,900	0.87 UJ	6	250	0.65	3.3	182,000
S355	8/13/2000	15 - 30		SF0158	12,900	0.66 UJ	6.1	217	0.63	3.6	180,000
S355	8/13/2000	30 - 100		SB0035	11,800	1.2 J	9.9	265	0.77	29.4	217,000
S355	8/13/2000	100 - 200		SB0036	10,200	0.8 J	12.8	408	0.57	9.7	180,000
S434	8/9/2000	0 - 15		SF0170	1,000 J	0.34 UJ	0.62	98 J	0.11	0.049 U	332,000 J
S434	8/9/2000	15 - 30		SF0171	1,600 J	0.36 UJ	0.63	94.1 J	0.13	0.053 U	320,000 J
S434	8/9/2000	30 - 100		SB0100	1,090 J	0.35 UJ	0.4 U	96.4 J	0.11	0.051 U	330,000 J
S434	8/9/2000	100 - 200		SB0101	1,310 J	0.35 UJ	0.41 U	83.2 J	0.12	0.052 U	321,000 J
S435	8/9/2000	0 - 5		SF0172	1,950 J	0.83 J	9.9 J	188 J	0.18	0.23	219,000 J

Table B1-13. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Chromium (mg/kg-dw)	Cobalt (mg/kg-dw)	Copper (mg/kg-dw)	Cyanide (mg/kg-dw)	Iron (mg/kg-dw)	Lead (mg/kg-dw)	Magnesium (mg/kg-dw)
S324	7/13/2000	0 - 15		SF0092	37.9	1.7	13.5	1.2 U	3,160	11.4	4,110
S324	7/13/2000	15 - 30		SF0093	36	2.6	14.8	1.1 U	3,570	12.2	3,510
S324	7/13/2000	30 - 100	D1	SB0001	104	3.6	35.6	1 U	5,120	50	5,140
S324	7/13/2000	30 - 100	D2	SB0068	126	4.8	42.1	0.99 U	6,080	60	5,800
S324	7/13/2000	100 - 200		SB0002	10.6	2.1	13.4	6	5,000	7.1	23,900
S325	7/14/2000	0 - 2		SF0094	229	21.8	33.1	1.2 U	11,800	32.3	5,460
S325	7/14/2000	2 - 15		SF0095	193	18.5	30.4	1.2 U	10,500	28.9	5,190
S325	7/14/2000	15 - 30		SF0096	363	39.6	44.5	1.2 U	14,400	37	5,740
S325	7/14/2000	30 - 100		SB0003	402	34.8	57.7	1 U	15,900	94.4	8,300
S325	7/14/2000	100 - 200		SB0004	371	31.3	87.7	0.95 U	16,700	143	18,700
S326	7/14/2000	0 - 15		SF0097	427	38.7	71	1.3 U	13,700	78.1	5,940
S326	7/14/2000	15 - 30		SF0098	506	44.7	90.8	1.2 U	15,000	106	6,830
S326	7/14/2000	30 - 100		SB0005	1,160	44.7	205	1.3 U	24,500	325	14,500
S326	7/14/2000	100 - 200		SB0006	2,570	29.4	495	1.5 U	29,500	1390	3,800
S327	8/5/2000	0 - 15		SF0099	4,180	170	344 J	1.4 U	50,800	303	12,000 J
S327	8/5/2000	15 - 30		SF0100	4,950	147	350 J	1.4	49,400	354	12,500 J
S327	8/5/2000	30 - 60		SB0007	5,700 J	232 J	352 J	1.4 U	60,900 J	644 J	5,730 J
S327	8/5/2000	60 - 140		SB0008	11,300	446	260	0.65 U	113,000	170	14,500
S327	8/5/2000	140 - 196		SF0148	8,700	938	357 J	0.88 U	103,000	401	11,800 J
S328	7/15/2000	0 - 15		SF0101	356	24.4	43.5 J	0.83 U	9,130	49.2 J	5,290 J
S328	7/15/2000	15 - 30		SF0102	4.2	0.23	2.8 J	0.93 U	2,060	0.8 J	3,450 J
S328	7/15/2000	30 - 100		SB0009	3.1	0.18 U	2.9 J	0.95 U	2,090	0.68 J	3,420 J
S328	7/15/2000	100 - 200		SB0010	2.7	0.2	3 J	0.87 U	1,710	0.65 J	3,500 J
S329	7/16/2000	0 - 15		SF0103	46.9	1	5.1	0.95 U	1,780	4.5	2,700
S329	7/16/2000	15 - 30		SF0104	3.2	0.9	1.6	0.87 U	2,130	0.39	2,920
S329	7/16/2000	30 - 100		SB0011	4.4	1.1	2.3	0.91 U	2,680	0.83	3,270
S329	7/16/2000	100 - 200		SB0012	4.1	1.4	2.9	0.89 U	3,100	0.83	3,680
S330	7/16/2000	0 - 15		SF0105	83.6	7.1	8.1	0.81 U	3,750	13.1	3,560
S330	7/16/2000	15 - 30		SF0106	10.3	1.3	3	0.86 U	1,820	1.6	2,840
S330	7/16/2000	30 - 100		SB0013	3.3	1.2	1.8	0.87 U	2,130	0.51	2,960

Table B1-13. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Chromium (mg/kg-dw)	Cobalt (mg/kg-dw)	Copper (mg/kg-dw)	Cyanide (mg/kg-dw)	Iron (mg/kg-dw)	Lead (mg/kg-dw)	Magnesium (mg/kg-dw)
S330	7/16/2000	100 - 200		SB0014	3.8	1.4	2.2	0.86 U	2,930	0.69	3,230
S331	7/16/2000	0 - 15		SF0107	322	19.7	100	1.4 U	15,000	116	5,810
S331	7/16/2000	15 - 30		SF0108	1,690	40.4	255	4.9	28,900	445	7,130
S331	7/16/2000	30 - 100		SB0015	843	11.1	235	2.9	16,200	441	7,900
S331	7/16/2000	100 - 200		SB0016	73.3	3.8	102	6.9	12,900	86.1	11,500
S332	8/11/2000	0 - 15		SF0109	222 J	10.9	89.3	1.1 U	10,500	79.6 J	10,000
S332	8/10/2000	15 - 30		SF0110	22.9	3.3	133	3.9	8,770	51.7	20,600
S332	8/10/2000	30 - 100		SB0017	25.9	3.7	119	2	8,620	1260	21,800
S332	8/10/2000	100 - 200		SB0018	40.3	3.1	113	7.7	8,070	60.6	18,800
S333	8/2/2000	0 - 15		SF0134	216	15.2	189	1.8 U	22,200	89.8	4,420
S333	8/2/2000	15 - 30		SF0135	84.8	3.5	103	1.7 U	20,700	102	3,040
S333	8/2/2000	30 - 100	D1	SB0041	2.5	0.17	2.5	0.71 U	2,060	2	2,430
S333	8/2/2000	30 - 100	D2	SB0066	4.5	0.83	4.7	0.71 U	2,990	4.7	2,880
S333	8/2/2000	100 - 193		SB0042	2.8	0.54	2.4	0.8 U	2,230	0.65	2,550
S334	8/2/2000	0 - 15		SF0153	813	30.7	237	1.2	35,200	393	4,360
S334	8/2/2000	15 - 30		SF0154	331	7	237	1.6	31,600	148	8,660
S334	8/2/2000	30 - 110		SB0059	141	3.9	157	0.96 U	15,400	63.1	21,700
S334	8/2/2000	110 - 200		SB0060	564	2.5	304	0.93 U	39,500	110	6,060
S335	8/2/2000	0 - 15		SF0115	538	32.5	194	1.7 U	27,700	200	5,410
S335	8/2/2000	15 - 30		SF0116	284	9.3	185	0.77 U	28,300	141	7,230
S335	8/2/2000	30 - 100		SB0023	15.6	1.6	36.5	0.87 U	7,890	43.8	5,870
S335	8/2/2000	100 - 190	D1	SB0024	3	0.17 U	3.1	0.88 U	2,560	0.55	2,740
S335	8/2/2000	100 - 190	D2	SB0065	3.1	0.55	10.4	0.88 U	2,500	0.68	2,670
S336	8/3/2000	0 - 15		SF0117	190	21.9 J	42.7 J	0.57 U	12,900	75.7 J	13,300
S336	8/3/2000	15 - 30		SF0118	3,040	105 J	446 J	0.9 U	42,000	2,050 J	5,070
S336	8/3/2000	30 - 100		SB0025	4,250	131	639	1.1 U	58,800	2,760	5,060
S336	8/3/2000	100 - 200		SB0026	1,330	9.8	546	1.1 U	61,300	549	5,020
S337	8/11/2000	0 - 15		SF0174	1,040 J	78.1	166	1.3 U	22,300	172 J	5,810
S337	8/3/2000	15 - 30		SF0120	2,190	70.3 J	260 J	2.1	27,700	253 J	5,150
S337	8/3/2000	30 - 100		SB0027	6,310	65 J	753 J	2.5	59,800	4,390 J	5,430

Table B1-13. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Chromium (mg/kg-dw)	Cobalt (mg/kg-dw)	Copper (mg/kg-dw)	Cyanide (mg/kg-dw)	Iron (mg/kg-dw)	Lead (mg/kg-dw)	Magnesium (mg/kg-dw)
S337	8/3/2000	100 - 200		SB0028	2,520	29 J	531 J	1.2 U	31,100	2,160 J	3,850
S338	8/3/2000	0 - 15		SF0121	3,130	94.8 J	357 J	1.4	34,400	446 J	5,500
S338	8/3/2000	15 - 30		SF0122	2,780	68.2 J	303 J	1.6	32,200	554 J	5,390
S338	8/3/2000	30 - 130		SB0029	2,570	68.5 J	400 J	3.1	31,200	801 J	5,180
S338	8/3/2000	130 - 200		SB0030	12.4	0.96 J	25 J	6.9	3,730	42.1 J	30,800
S339	8/3/2000	0 - 15		SF0124	2,370	96.2 J	366 J	1.8	35,800	613 J	3,840
S339	8/3/2000	15 - 30		SF0125	1,920	59.6 J	363 J	1.8	31,700	455 J	6,110
S339	8/3/2000	30 - 100		SB0031	75.3	1.9 J	103 J	4.8	10,700	94.1 J	8,430
S339	8/3/2000	100 - 168		SB0032	11.3	1.7 J	64.8 J	7.4	5,770	67.4 J	6,870
S339	8/3/2000	168 - 200		SF0123_E	7.3	1.1 J	18 J	3.3	3,860	29.5 J	22,500
S340	8/15/2000	0 - 2	D1	SF0123	58.3 J	7.1 J	13.4 J	0.94 UJ	3,770 J	16.1 J	5,260 J
S340	8/15/2000	0 - 2	D2	SF0123_R	13.7 J	2.2 J	28.6 J	2 J	4,370 J	23.6 J	12,400 J
S340	8/3/2000	0 - 15		SF0126	12.5	1.4 J	42.2 J	3.8	5,670	21.5 J	12,400
S340	8/3/2000	15 - 30		SF0127	42.5	1.8 J	41.9 J	3.7	3,900	26.1 J	14,500
S340	8/3/2000	30 - 100		SB0033	9.8	2.5 J	42.4 J	14	7,900	36.7 J	19,100
S340	8/3/2000	100 - 200		SB0034	8.8	2.4 J	49.3 J	24	9,000	28.3 J	11,900
S341	8/4/2000	0 - 15		SF0128	10.2 J	3.1	37 J	1.3	5,780	30.9	15,800
S341	8/4/2000	15 - 30		SF0129	10.8 J	7.8	22.9 J	3.3	5,730	14.1	24,900
S341	8/4/2000	30 - 85		SB0063	6.7 J	1.4	25.5 J	5.3	4,240	22.2	14,800
S341	8/4/2000	85 - 160		SB0064	8.4 J	1.5	77.7 J	8.1	6,790	109	7,770
S341	8/4/2000	160 - 200		SF0119	4.8 J	0.91	48.9 J	5.7	3,760	30.8	10,300
S342	8/10/2000	0 - 15		SF0130_T	35.8	4.5	26	1.6 U	6,640	21	34,700
S342	7/27/2000	15 - 30		SF0131	12.3	1.3	33.7	4.9	4,180	22	18,600
S342	7/27/2000	30 - 100		SB0037	17.4	0.39	68	2.2	3,390	45.3	9,830
S342	7/27/2000	100 - 200		SB0038	11.3	0.42	52.8	8.8	3,540	27.5	13,900
S343	8/4/2000	0 - 15		SF0132	20.7 J	2.7	132 J	0.94	4,840	34.5	9,940
S343	8/4/2000	15 - 30		SF0133	14.3 J	1.7	62.4 J	2	3,810	29.5	11,300
S343	8/4/2000	30 - 100	D1	SB0039	14.5 J	3.2	60.1 J	10	7,050	31.7	22,200
S343	8/4/2000	30 - 100	D2	SF0167	12.5 J	3.3	56.2 J	9.5	7,140	29.2	22,500
S343	8/4/2000	100 - 200		SB0040	14 J	3.7	88.7 J	7.9	8,380	23.9	29,100

Table B1-13. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Chromium (mg/kg-dw)	Cobalt (mg/kg-dw)	Copper (mg/kg-dw)	Cyanide (mg/kg-dw)	Iron (mg/kg-dw)	Lead (mg/kg-dw)	Magnesium (mg/kg-dw)
S344	8/10/2000	0 - 15		SF0111_T	66.2	3.6	88.9	1.3 U	5,600	307	12,700
S344	7/27/2000	15 - 30		SF0112	52.5	1.5	58.9	0.87 U	2,650	299	5,030
S344	7/27/2000	30 - 100	D1	SB0019	49.9	2.3	59.1 J	1.1 UR	4,210	200	11000 J
S344	7/27/2000	30 - 100	D2	SB0070	43.9	1.5	52.1	0.94 U	3,740	173	9,980
S344	7/27/2000	100 - 200		SB0020	13	1.1	36.8	3.5	2,870	17.2	16,100
S345	8/4/2000	0 - 15		SF0136	19.2 J	4	50.8 J	6.4	8,970	20	30,900
S345	8/4/2000	15 - 30		SF0137	18 J	3.4	52.2 J	12	7,270	22.8	39,800
S345	8/4/2000	30 - 100		SB0043	17.6 J	3.6	53.6 J	6.9	6,050	38.6	28,800
S345	8/4/2000	100 - 200		SB0044	25.3 J	2.6	89 J	6.7	3,940	42.8	13,800
S346	8/4/2000	0 - 15		SF0138	18 J	2.2	58.2 J	0.77 U	4,390	36.3	7,410
S346	8/4/2000	15 - 30		SF0139	18.2 J	1.8	94 J	1.2	4,010	46.6	7,690
S346	8/4/2000	30 - 160		SB0045	12.2 J	2.3	57 J	6.3	5,460	38.2	16,400
S346	8/4/2000	160 - 200		SB0046	17.3	3.4	186	4.9	9,110	121	10,700
S347	8/4/2000	0 - 15		SF0140	18.4 J	4.4	27.6 J	0.91 U	7,600	21.1	17,900
S347	8/4/2000	15 - 30		SF0141	15 J	4.3	31.1 J	5	8,430	19.1	26,200
S347	8/4/2000	30 - 100		SB0047	11.9	1.9	35.4	6	6,270	12.9	26,500
S347	8/4/2000	100 - 200		SB0048	13.1	3	73.4	7.1	6,030	22.2	27,200
S348	8/5/2000	0 - 15		SF0142	19.4 J	2.1	27.8	1.4 U	5,130	91.7	24,900
S348	8/5/2000	15 - 30		SF0143	13.6 J	1.2	28	1.3	3,090	47.1	22,100
S348	8/5/2000	30 - 110		SB0049	38.2 J	2.2 J	33.7 J	11	6,340 J	39.1 J	32,600 J
S348	8/5/2000	110 - 200		SB0050	43.4	2.9	78.4 J	1.8	5840	77.6	6,620 J
S349	8/5/2000	0 - 15		SF0144	44.1	3.5	50.1 J	1 U	7,500	50.4	13,100 J
S349	8/5/2000	15 - 30		SF0145	60.9	6.3	66.9 J	1.1 U	8,620	83.7	16,300 J
S349	8/5/2000	30 - 100		SB0051	14.3 J	3.5 J	55.5 J	1.8	13,500 J	25.8 J	11,700 J
S349	8/5/2000	100 - 200		SB0052	17.1 J	3 J	48.9 J	1.3 U	8,190 J	14.8 J	11,600 J
S350	8/5/2000	0 - 15		SF0146	36.2	3.2	41 J	1.3 U	7,760	78.1	26,900 J
S350	8/5/2000	15 - 30		SF0147	20.6	1.9	35.2 J	1.2 U	6,380	49.6	19,000 J
S350	8/5/2000	30 - 92		SB0053	21.8 J	1.6	33.9 J	4.3	4,410 J	30.4 J	24,900 J
S350	8/5/2000	92 - 200	D1	SB0054	96.9 J	6.7 J	128 J	1 U	9,330 J	161 J	15,000 J
S350	8/5/2000	92 - 200	D2	SB0067	96.4 J	6.5	127 J	1 U	9,620 J	172 J	14,400 J

Table B1-13. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Chromium (mg/kg-dw)	Cobalt (mg/kg-dw)	Copper (mg/kg-dw)	Cyanide (mg/kg-dw)	Iron (mg/kg-dw)	Lead (mg/kg-dw)	Magnesium (mg/kg-dw)
S351	8/15/2000	0 - 2		SF0173	57.9	5.5	64.1	1.2 U	10,600	124	9,600
S351	8/5/2000	0 - 15		SF0149	47.5	5.1	31.5 J	0.72 U	6,750	88.6	12,500 J
S351	8/5/2000	15 - 30		SF0150	68	5.5	181 J	0.96 U	10,400	107	25,200 J
S351	8/5/2000	30 - 100		SB0055	104	4.1	101 J	1.1	6880	357	10,400 J
S351	8/5/2000	100 - 200		SB0056	160 J	8.8 J	184 J	0.94 U	11,400 J	396 J	10,400 J
S352	8/10/2000	0 - 15		SF0151	87.3	6.5	86.7	0.96 U	12,500	750	11,200
S352	8/10/2000	15 - 30		SF0152	108	5.7	110	0.9 U	11,300	845	12,800
S352	8/10/2000	30 - 100		SB0057	92.4	4.6	126	0.87 U	8,290	658	7,950
S352	8/10/2000	100 - 200		SB0058	3.7	0.92	3.4	0.96 U	3,130	2.4	3,410
S353	7/27/2000	0 - 15		SF0113	60.7	5.4	71.2	0.73 U	11,500	101	5,200
S353	7/27/2000	15 - 30		SF0114	49.8	4.2	55	0.65 U	8,050	104	5,800
S353	7/27/2000	30 - 100		SB0021	5.2	1.1	29.4	1.8	4,170	50.2	4,400
S353	7/27/2000	100 - 200		SB0022	3	0.55	2.5	0.8 U	3,440	1.4	3,280
S354	8/10/2000	0 - 15		SF0155	113	9.6	93.1	2.2 U	24,200	92	11,100
S354	8/13/2000	15 - 30		SF0156	103 J	7.8	76.7	1.6 U	14,900	79.5 J	7,160
S354	8/13/2000	30 - 100		SB0061	616 J	11.3	307	1.8 U	21,900	408 J	9,710
S354	8/13/2000	100 - 200	D1	SB0062	102 J	3.6	91.4	1.6 U	6,880	149 J	19,700
S354	8/13/2000	100 - 200	D2	SB0069	254 J	4.1	190	1.6 U	9,940	207 J	14,700
S355	8/10/2000	0 - 15		SF0157	80.1	7.4	102	2.3 U	24,200	93.8	11,900
S355	8/13/2000	15 - 30		SF0158	92.4 J	8.3	94.6	1.7 U	22,100	97.7 J	11,600
S355	8/13/2000	30 - 100		SB0035	381 J	8.6	224	1.7 U	20,800	301 J	9,400
S355	8/13/2000	100 - 200		SB0036	167 J	6	208	1.3 U	20,100	192 J	7,370
S434	8/9/2000	0 - 15		SF0170	26.5 J	2.9 J	4.6 J	0.88 U	2,470 J	3.8 J	3,120 J
S434	8/9/2000	15 - 30		SF0171	3.8 J	0.39	2.5 J	0.94 U	2,410 J	0.88 J	3,390 J
S434	8/9/2000	30 - 100		SB0100	3.1 J	0.2	2.1 J	0.92 U	2,040 J	0.7 J	3,250 J
S434	8/9/2000	100 - 200		SB0101	2.8 J	0.22	3.2 J	0.93 U	2,000 J	0.7 J	3,410 J
S435	8/9/2000	0 - 5		SF0172	159 J	14.7 J	56.7 J	0.82 U	9,590 J	38.7 J	4,710 J

Table B1-13. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Manganese (mg/kg-dw)	Total Mercury (mg/kg-dw)	Nickel (mg/kg-dw)	Potassium (mg/kg-dw)	Selenium (mg/kg-dw)	Silver (mg/kg-dw)	Sodium (mg/kg-dw)
S324	7/13/2000	0 - 15		SF0092	326	0.33	11.7	188	1.4	0.19 U	5,060
S324	7/13/2000	15 - 30		SF0093	300	0.34	14.1	285	1.3	0.17 U	11,100
S324	7/13/2000	30 - 100	D1	SB0001	161	1.6	35.4	318	1.1	0.78	16,800
S324	7/13/2000	30 - 100	D2	SB0068	182	1.2	42.5	410	1.1	0.91	18,200
S324	7/13/2000	100 - 200		SB0002	425	0.1	9.6	196	1.1 U	0.23 U	55,000
S325	7/14/2000	0 - 2		SF0094	844	0.072	107	721	1.8	0.18 U	1,550
S325	7/14/2000	2 - 15		SF0095	638	0.17	97.2	660	1.9	0.18 U	1,380
S325	7/14/2000	15 - 30		SF0096	748	0.24	179	740	2.4	0.18 U	1,880
S325	7/14/2000	30 - 100		SB0003	669	0.52	190	1,220	1.7	0.34	2,040
S325	7/14/2000	100 - 200		SB0004	595	0.57	160	2,670	1.4	2	2,660
S326	7/14/2000	0 - 15		SF0097	525	1.3	174	1,060	2.3	0.75	1,700
S326	7/14/2000	15 - 30		SF0098	470	1.5	202	1,370	1.9	1.3	2,080
S326	7/14/2000	30 - 100		SB0005	496	3.4	363	2,680	2.1	4.2	3,480
S326	7/14/2000	100 - 200		SB0006	310	23	333	1,550	3.6	6.4	9,280
S327	8/5/2000	0 - 15		SF0099	1,190	2.3 J	1,670	2,560	5.9	2.3	11,900
S327	8/5/2000	15 - 30		SF0100	1,060	3.2	1,610	3,180	5.4	3.4	17,600
S327	8/5/2000	30 - 60		SB0007	1,450 J	12.2	2,020 J	2,100 J	7.8 J	4.7 J	20,000 J
S327	8/5/2000	60 - 140		SB0008	2,930	0.36	4,640	2,910 J	12.6	0.49 U	5,410
S327	8/5/2000	140 - 196		SF0148	3,400	2.4 J	3,780	2,870	11	1.2	11,700
S328	7/15/2000	0 - 15		SF0101	286	0.72 J	111	533	1.2 U	0.12 U	6,300
S328	7/15/2000	15 - 30		SF0102	137	0.053 UJ	2.6	311	0.89	0.14 U	9,000
S328	7/15/2000	30 - 100		SB0009	107	0.054 UJ	2	354	1.1	0.14 U	14,600
S328	7/15/2000	100 - 200		SB0010	87	0.049 UJ	2	291	0.74	0.13 U	19,500
S329	7/16/2000	0 - 15		SF0103	276	0.11	5.3	200	0.71 U	0.14 U	5,170
S329	7/16/2000	15 - 30		SF0104	162	0.049 U	3	168	0.83	0.13 U	7,390
S329	7/16/2000	30 - 100		SB0011	132	0.12	3.2	375	0.68 U	0.14 U	12,900
S329	7/16/2000	100 - 200		SB0012	115	0.051 U	3.3	475	0.67	0.13 U	16,100
S330	7/16/2000	0 - 15		SF0105	217	0.43	22.4	239	1.2 U	0.12 U	3,170
S330	7/16/2000	15 - 30		SF0106	140	0.14	3.8	175	0.83	0.13 U	4,510
S330	7/16/2000	30 - 100		SB0013	112	0.1	2.5	305	0.91	0.13 U	6,810

Table B1-13. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Manganese (mg/kg-dw)	Total Mercury (mg/kg-dw)	Nickel (mg/kg-dw)	Potassium (mg/kg-dw)	Selenium (mg/kg-dw)	Silver (mg/kg-dw)	Sodium (mg/kg-dw)
S330	7/16/2000	100 - 200		SB0014	129	0.42	3	432	0.7	0.13 U	12,400
S331	7/16/2000	0 - 15		SF0107	330	1.9	103	1,960	1.3	3.3	2,980
S331	7/16/2000	15 - 30		SF0108	407	6.3	381	2,420	1.3	8.7	9,620
S331	7/16/2000	30 - 100		SB0015	231	6.5	125	778	1.7	4	13,600
S331	7/16/2000	100 - 200		SB0016	278	4	24	895	0.88 U	1.2	21,600
S332	8/11/2000	0 - 15		SF0109	453 J	3	70.5	178	1.6	0.4	3,190 J
S332	8/10/2000	15 - 30		SF0110	357 J	5.8	18.3	64.8	0.92 U	0.19 U	4,690 J
S332	8/10/2000	30 - 100		SB0017	319 J	7.7	18.9	130	0.97 U	0.2 U	7,990 J
S332	8/10/2000	100 - 200		SB0018	308 J	3.1	20	116	0.88 U	0.2	11,600 J
S333	8/2/2000	0 - 15		SF0134	221	1.6	61.1	449	3.4	0.36	3,440
S333	8/2/2000	15 - 30		SF0135	183	1.1	27	388	2.9	0.25	7,280
S333	8/2/2000	30 - 100	D1	SB0041	179	0.08	2	237	0.76	0.11 U	7,800
S333	8/2/2000	30 - 100	D2	SB0066	223	0.13	3.1	391	1.1 U	0.11 U	8,720
S333	8/2/2000	100 - 193		SB0042	104	0.045 U	2.6	303	0.92	0.12 U	15,900
S334	8/2/2000	0 - 15		SF0153	326	4.2	206	736	3.8	0.47	2,170
S334	8/2/2000	15 - 30		SF0154	263	6.5	88.1	1,510	3	0.23	2,970
S334	8/2/2000	30 - 110		SB0059	304	3.7	42.1	2,260	2.4	0.27	5,990
S334	8/2/2000	110 - 200		SB0060	170	0.5	88.1	2,260	3.6	0.63	8,590
S335	8/2/2000	0 - 15		SF0115	291	2.1	159	1,090	3.4	0.53	4,210
S335	8/2/2000	15 - 30		SF0116	233	3.5	77.2	1,570	2.6	0.27	6,300
S335	8/2/2000	30 - 100		SB0023	209	1.7	10.2	1,880	1.5	0.17	9,420
S335	8/2/2000	100 - 190	D1	SB0024	215	0.056	2.7	1,270	0.94	0.13 U	13,100
S335	8/2/2000	100 - 190	D2	SB0065	212	0.062	2.8	1,270	1	0.13 U	13,000
S336	8/3/2000	0 - 15		SF0117	297	7.7	71.4 J	812	0.9 J	0.085 U	1,940 J
S336	8/3/2000	15 - 30		SF0118	850	14.1	1,060 J	1,210	3.9 J	1.2	10,800 J
S336	8/3/2000	30 - 100		SB0025	932	11.7	1,310	1,650	5.5	2.2	15,200
S336	8/3/2000	100 - 200		SB0026	230	2.4	219	1,690	5.9	1.4	21,800
S337	8/11/2000	0 - 15		SF0174	572 J	15.4	424	1,620	2.7	2.4	1,900 J
S337	8/3/2000	15 - 30		SF0120	602	16.4	745 J	1,660	2.5 J	3.6	2,900 J
S337	8/3/2000	30 - 100		SB0027	760	19	917 J	1,210	5.9 J	6.5	5,110 J

Table B1-13. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Manganese (mg/kg-dw)	Total Mercury (mg/kg-dw)	Nickel (mg/kg-dw)	Potassium (mg/kg-dw)	Selenium (mg/kg-dw)	Silver (mg/kg-dw)	Sodium (mg/kg-dw)
S337	8/3/2000	100 - 200		SB0028	394	3.5	372 J	709	4.9 J	3.6	5,720 J
S338	8/3/2000	0 - 15		SF0121	754	12.1	972 J	1,190	3.8 J	3.7	2,730 J
S338	8/3/2000	15 - 30		SF0122	673	15	749 J	1,270	3.5 J	4.2	3,490 J
S338	8/3/2000	30 - 130		SB0029	671	11.2	817 J	1,200	3.9 J	3.5	6,100 J
S338	8/3/2000	130 - 200		SB0030	278	1.3	6.9 J	245	0.89 UJ	0.18 U	7,950 J
S339	8/3/2000	0 - 15		SF0124	784	6.4	1,080 J	594	3 J	0.99	7,300 J
S339	8/3/2000	15 - 30		SF0125	730	3	863 J	793	2.7 J	0.75	13,300 J
S339	8/3/2000	30 - 100		SB0031	194	1.4	23.7 J	953	1.5 J	0.74	15,100 J
S339	8/3/2000	100 - 168		SB0032	429	2.9	9.5 J	1,260	1.7 J	0.44	19,600 J
S339	8/3/2000	168 - 200		SF0123_E	250	1.8	6 J	818	0.84 J	0.14 U	20,500 J
S340	8/15/2000	0 - 2	D1	SF0123	305 J	1 J	20.6 J	469 J	0.87 J	0.14 UJ	2,030 J
S340	8/15/2000	0 - 2	D2	SF0123_R	241 J	2.6 J	8.2 J	40.1 J	1.6 J	0.19 J	5,690 J
S340	8/3/2000	0 - 15		SF0126	160	2.5	9.7 J	168	0.87 J	0.49	7,020 J
S340	8/3/2000	15 - 30		SF0127	182	2.2	7.8 J	260	0.8 J	0.23	10,300 J
S340	8/3/2000	30 - 100		SB0033	364	3	8 J	462	1.2 J	0.46	9,330 J
S340	8/3/2000	100 - 200		SB0034	600	2.3	6.9 J	251	1 J	0.17 U	15,900 J
S341	8/4/2000	0 - 15		SF0128	250	2.5	14.9	712 J	1.6	0.44	4,730 J
S341	8/4/2000	15 - 30		SF0129	313	0.74	10	318 J	1.3	0.19 U	10,200 J
S341	8/4/2000	30 - 85		SB0063	157	1	6.5	294 J	1.1	0.21	10,600 J
S341	8/4/2000	85 - 160		SB0064	176	1.8	7.6	416 J	2.4	0.85	9,920 J
S341	8/4/2000	160 - 200		SF0119	136	1.5	3.7	180 J	1.5	0.4	10,400 J
S342	8/10/2000	0 - 15		SF0130_T	341 J	0.68	21.3	16.1 U	1.2 U	0.24 U	2,400 J
S342	7/27/2000	15 - 30		SF0131	239	1.4	16.1	79.7	0.73 U	0.15 U	3,950
S342	7/27/2000	30 - 100		SB0037	175	1.8	18.8	265	1	0.35	4,130
S342	7/27/2000	100 - 200		SB0038	241	1.6	10.1	303	0.9	0.35	4,090
S343	8/4/2000	0 - 15		SF0132	208	2.8	27.2	90.4 J	1.2	0.39	3,360 J
S343	8/4/2000	15 - 30		SF0133	191	1.9	18.8	153 J	0.97	0.32	4,210 J
S343	8/4/2000	30 - 100	D1	SB0039	253	3.5	14.2	475 J	1.8	0.17 U	4,860 J
S343	8/4/2000	30 - 100	D2	SF0167	254	2	14.4	510 J	1.2	0.17	4,810 J
S343	8/4/2000	100 - 200		SB0040	484	0.86 J	15.2	862 J	1.6	0.21 U	6,090 J

Table B1-13. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Manganese (mg/kg-dw)	Total Mercury (mg/kg-dw)	Nickel (mg/kg-dw)	Potassium (mg/kg-dw)	Selenium (mg/kg-dw)	Silver (mg/kg-dw)	Sodium (mg/kg-dw)
S344	8/10/2000	0 - 15		SF0111_T	341	77.7	49.8	18.1	0.94 U	0.85	2,360 J
S344	7/27/2000	15 - 30		SF0112	169	55	43.3	78.4	1.1	0.85	3,370
S344	7/27/2000	30 - 100	D1	SB0019	202	28.8	62.1	233	0.79 U	0.94	4,360
S344	7/27/2000	30 - 100	D2	SB0070	181	30	54.3	235	0.9	0.74	4,130
S344	7/27/2000	100 - 200		SB0020	182	0.51	20.4	225	0.79	0.14 U	4,730
S345	8/4/2000	0 - 15		SF0136	340	0.59	25.3	313 J	0.9 U	0.18 U	2,530 J
S345	8/4/2000	15 - 30		SF0137	414	0.39	22.5	213 J	1.6	0.24 U	5,360 J
S345	8/4/2000	30 - 100		SB0043	343	0.7 J	27.3	336 J	1.9	0.21 U	5,380 J
S345	8/4/2000	100 - 200		SB0044	204	1.5 J	28.9	298 J	1.5	0.39	4,890 J
S346	8/4/2000	0 - 15		SF0138	231	1.8	20.4	411 J	1.1 U	0.29	2,880 J
S346	8/4/2000	15 - 30		SF0139	185	1.7	21.5	88.2 J	1.2 U	0.38	3,420 J
S346	8/4/2000	30 - 160		SB0045	233	1.5 J	11.3	146 J	1.2	0.44	5,690 J
S346	8/4/2000	160 - 200		SB0046	222	4.3 J	15.8	435	2	1.8	5,680 J
S347	8/4/2000	0 - 15		SF0140	405	1.4	19.5	357 J	1.5	0.16	2,090 J
S347	8/4/2000	15 - 30		SF0141	242	1.5	20	851 J	0.98	0.17 U	3,180 J
S347	8/4/2000	30 - 100		SB0047	198	0.66 J	15.1	1,370	1.1	0.19	5,070 J
S347	8/4/2000	100 - 200		SB0048	275	0.87 J	18	1,360	0.96 U	0.19 U	5,860 J
S348	8/5/2000	0 - 15		SF0142	327 J	3.1 J	20.8	14.6 U	1.1 U	0.28	4,030 J
S348	8/5/2000	15 - 30		SF0143	173 J	2.1 J	16	12.7 U	0.92 U	0.26	5,510 J
S348	8/5/2000	30 - 110		SB0049	377 J	2.9	33.3 J	15.4 U	1.7 J	0.31	8,150 J
S348	8/5/2000	110 - 200		SB0050	185	0.63	27.4	643	1.7	1	6,730
S349	8/5/2000	0 - 15		SF0144	246	2 J	23.2	167	1.1	0.41	11,600
S349	8/5/2000	15 - 30		SF0145	260	1.8 J	26.4	159	2	1	13,700
S349	8/5/2000	30 - 100		SB0051	736 J	0.29	9.5 J	123 J	1.3 J	0.19 U	15,500 J
S349	8/5/2000	100 - 200		SB0052	743 J	0.27	10 J	105 J	1.8 J	0.2 U	18,500 J
S350	8/5/2000	0 - 15		SF0146	348	10.1 J	63.3	13.6 U	0.99 U	0.2 U	6,460
S350	8/5/2000	15 - 30		SF0147	198	13.9 J	25.1	11.9 U	1.4	0.18 U	8,630
S350	8/5/2000	30 - 92		SB0053	204 J	9.8	19.3 J	12.7 U	1.3 J	0.27	13,800 J
S350	8/5/2000	92 - 200	D1	SB0054	252 J	4.6	30.5 J	943 J	1.7 J	1.3 J	13,100 J
S350	8/5/2000	92 - 200	D2	SB0067	245 J	4	29.9 J	995 J	1.9 J	0.89	12,800 J

Table B1-13. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Manganese (mg/kg-dw)	Total Mercury (mg/kg-dw)	Nickel (mg/kg-dw)	Potassium (mg/kg-dw)	Selenium (mg/kg-dw)	Silver (mg/kg-dw)	Sodium (mg/kg-dw)
S351	8/15/2000	0 - 2		SF0173	299	12.2	27.5	1,290	1.2	1.4	2,010
S351	8/5/2000	0 - 15		SF0149	232	6.1 J	25.5	899	1.2	0.61	888
S351	8/5/2000	15 - 30		SF0150	281	11.8 J	32.6	916	1.3	0.96	1,730
S351	8/5/2000	30 - 100		SB0055	265	25.2	41.5	986	1.3	1.5	3,470
S351	8/5/2000	100 - 200		SB0056	225 J	13.8	48.1 J	1,250 J	2.3 J	1.5 J	5,680 J
S352	8/10/2000	0 - 15		SF0151	186	18.2	32.4	1,170	0.78	1.8	4,120 J
S352	8/10/2000	15 - 30		SF0152	210 J	37	41.1	1,570	0.67 U	2.7	10,100
S352	8/10/2000	30 - 100		SB0057	194 J	15.6	34.4	936	0.64 U	4.5	12,100 J
S352	8/10/2000	100 - 200		SB0058	239 J	0.054 U	3.3	269	0.71 U	0.14 U	17,700 J
S353	7/27/2000	0 - 15		SF0113	175	11.7	32.4	471	0.54 U	0.51	2,100
S353	7/27/2000	15 - 30		SF0114	138	2	24.3	437	0.64	0.45	3,420
S353	7/27/2000	30 - 100		SB0021	174	0.27	5.7	411	0.53 U	0.11 U	9,280
S353	7/27/2000	100 - 200		SB0022	217	0.045 U	3	284	0.59 U	0.12 U	18,100
S354	8/10/2000	0 - 15		SF0155	552 J	3.3	40.6	3,120	1.6 U	3.3	2,260 J
S354	8/13/2000	15 - 30		SF0156	314 J	3	37.2	2,320	1.2 U	2.7	2,300 J
S354	8/13/2000	30 - 100		SB0061	269 J	20.6	128	3,390	1.3 U	14.7	3,830 J
S354	8/13/2000	100 - 200	D1	SB0062	365 J	22.1	38.1	296 J	1.2 U	1.7	6,340 J
S354	8/13/2000	100 - 200	D2	SB0069	283 J	28.1	75.6	950 J	1.2 U	4.2	5,980 J
S355	8/10/2000	0 - 15		SF0157	510 J	3	32.9	2,960	1.7 U	3.5	2,470 J
S355	8/13/2000	15 - 30		SF0158	432 J	3.9	34.9	3,830	1.3 U	4.1	3,090 J
S355	8/13/2000	30 - 100		SB0035	288 J	9.5	91.9	3,170	1.3 U	11	6,010 J
S355	8/13/2000	100 - 200		SB0036	246 J	5.7	67.3	2,310	1.2	5.2	8,890 J
S434	8/9/2000	0 - 15		SF0170	151 J	0.056	9.1 J	160 J	1.2 J	0.13 U	4,490 J
S434	8/9/2000	15 - 30		SF0171	114 J	0.053 U	3 J	351 J	1.1 J	0.14 U	9,140 J
S434	8/9/2000	30 - 100		SB0100	108 J	0.052 U	2.9 J	197 J	1.5 J	0.14 U	14,300 J
S434	8/9/2000	100 - 200		SB0101	71.7 J	0.053 U	2.8 J	274 J	1.4 J	0.14 U	19,300 J
S435	8/9/2000	0 - 5		SF0172	155 J	0.18	72.6 J	48.3 J	5.4 J	1.7 J	4,460 J

Table B1-13. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Thallium (mg/kg-dw)	Vanadium (mg/kg-dw)	Zinc (mg/kg-dw)
S324	7/13/2000	0 - 15		SF0092	1.2 U	5.6	53.9
S324	7/13/2000	15 - 30		SF0093	1.1 U	6.7	72.3
S324	7/13/2000	30 - 100	D1	SB0001	0.98 U	8.9	128
S324	7/13/2000	30 - 100	D2	SB0068	0.97 U	10.6	129
S324	7/13/2000	100 - 200		SB0002	1.5 U	7.5	44.8
S325	7/14/2000	0 - 2		SF0094	1.2 U	23.4	136
S325	7/14/2000	2 - 15		SF0095	1.2 U	22	120
S325	7/14/2000	15 - 30		SF0096	1.2 U	34	144
S325	7/14/2000	30 - 100		SB0003	1 U	42.8	196
S325	7/14/2000	100 - 200		SB0004	0.93 U	39.9	272
S326	7/14/2000	0 - 15		SF0097	1.3 U	56.9	170
S326	7/14/2000	15 - 30		SF0098	1.2 U	71.3	219
S326	7/14/2000	30 - 100		SB0005	1.3 U	80.6	397
S326	7/14/2000	100 - 200		SB0006	1.4 U	87.3	668
S327	8/5/2000	0 - 15		SF0099	1.4 U	319	348 J
S327	8/5/2000	15 - 30		SF0100	1.4 U	304	437 J
S327	8/5/2000	30 - 60		SB0007	1.4 U	280 J	443 J
S327	8/5/2000	60 - 140		SB0008	3.2 U	418	102 J
S327	8/5/2000	140 - 196		SF0148	2.7	512	176 J
S328	7/15/2000	0 - 15		SF0101	0.81 U	25.9	98.5
S328	7/15/2000	15 - 30		SF0102	0.92 U	2.2	23.1
S328	7/15/2000	30 - 100		SB0009	0.93 U	2.3	17
S328	7/15/2000	100 - 200		SB0010	0.85 U	1.9	13.5
S329	7/16/2000	0 - 15		SF0103	0.94 U	2.1	21.8
S329	7/16/2000	15 - 30		SF0104	0.85 U	1.6	16.5
S329	7/16/2000	30 - 100		SB0011	0.89 U	2.4	15.8
S329	7/16/2000	100 - 200		SB0012	1.1	2.8	15.2
S330	7/16/2000	0 - 15		SF0105	0.79 U	5.3	30.8
S330	7/16/2000	15 - 30		SF0106	0.84 U	1.9	13.8
S330	7/16/2000	30 - 100		SB0013	1.4	1.8	14.1

Table B1-13. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Thallium (mg/kg-dw)	Vanadium (mg/kg-dw)	Zinc (mg/kg-dw)
S330	7/16/2000	100 - 200		SB0014	1.5	2.4	14.2
S331	7/16/2000	0 - 15		SF0107	1.4	37.9	316
S331	7/16/2000	15 - 30		SF0108	2.1	90.6	536
S331	7/16/2000	30 - 100		SB0015	2.3	34.2	304
S331	7/16/2000	100 - 200		SB0016	2.3	14	178
S332	8/11/2000	0 - 15		SF0109	1.1 U	12.4	123
S332	8/10/2000	15 - 30		SF0110	1.2 U	13.3 J	67.1
S332	8/10/2000	30 - 100		SB0017	1.3 U	14.4 J	370
S332	8/10/2000	100 - 200		SB0018	1.2 U	12.7 J	77
S333	8/2/2000	0 - 15		SF0134	0.87 U	33.3	116 J
S333	8/2/2000	15 - 30		SF0135	0.83 U	19.8	131 J
S333	8/2/2000	30 - 100	D1	SB0041	0.69 U	1.8	20.1 J
S333	8/2/2000	30 - 100	D2	SB0066	0.7 U	2.6	21.8 J
S333	8/2/2000	100 - 193		SB0042	0.78 U	1.9	18.8 J
S334	8/2/2000	0 - 15		SF0153	0.77 U	55.3	187 J
S334	8/2/2000	15 - 30		SF0154	0.76 U	32.3	108 J
S334	8/2/2000	30 - 110		SB0059	0.94 U	20.8	85.8 J
S334	8/2/2000	110 - 200		SB0060	0.91 U	51.3	90.2 J
S335	8/2/2000	0 - 15		SF0115	0.92	63.5	185 J
S335	8/2/2000	15 - 30		SF0116	0.76 U	26.3	122 J
S335	8/2/2000	30 - 100		SB0023	0.85 U	8.8	91.3 J
S335	8/2/2000	100 - 190	D1	SB0024	0.86 U	2.3	21.6 J
S335	8/2/2000	100 - 190	D2	SB0065	0.87 U	2.1	14.7 J
S336	8/3/2000	0 - 15		SF0117	0.56 UJ	43.2 J	137 J
S336	8/3/2000	15 - 30		SF0118	0.88 UJ	174 J	2,260 J
S336	8/3/2000	30 - 100		SB0025	1.1 U	217	462
S336	8/3/2000	100 - 200		SB0026	1.1 U	72.5	266 J
S337	8/11/2000	0 - 15		SF0174	1.3 U	133	328
S337	8/3/2000	15 - 30		SF0120	1.4 UJ	177 J	374 J
S337	8/3/2000	30 - 100		SB0027	1.7 UJ	249 J	710 J

Table B1-13. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Thallium (mg/kg-dw)	Vanadium (mg/kg-dw)	Zinc (mg/kg-dw)
S337	8/3/2000	100 - 200		SB0028	1.2 UJ	97.8 J	531 J
S338	8/3/2000	0 - 15		SF0121	1.4 UJ	243 J	421 J
S338	8/3/2000	15 - 30		SF0122	1.3 UJ	147 J	414 J
S338	8/3/2000	30 - 130		SB0029	1.2 UJ	166 J	503 J
S338	8/3/2000	130 - 200		SB0030	1.2 UJ	7.1 J	68.6 J
S339	8/3/2000	0 - 15		SF0124	0.92 UJ	168 J	234 J
S339	8/3/2000	15 - 30		SF0125	1 UJ	122 J	196 J
S339	8/3/2000	30 - 100		SB0031	0.84 UJ	13.1 J	116 J
S339	8/3/2000	100 - 168		SB0032	0.92 UJ	8.5 J	198 J
S339	8/3/2000	168 - 200		SF0123_E	0.94 UJ	5.8 J	44.2 J
S340	8/15/2000	0 - 2	D1	SF0123	0.92 UJ	9.2 J	54.7 J
S340	8/15/2000	0 - 2	D2	SF0123_R	0.96 UJ	7.1 J	44.9 J
S340	8/3/2000	0 - 15		SF0126	0.79 UJ	6.2 J	39.9 J
S340	8/3/2000	15 - 30		SF0127	0.99 UJ	7.2 J	43.7 J
S340	8/3/2000	30 - 100		SB0033	1 UJ	13.5 J	76.6 J
S340	8/3/2000	100 - 200		SB0034	1.1 UJ	11.3 J	49.8 J
S341	8/4/2000	0 - 15		SF0128	0.88	12.9	47
S341	8/4/2000	15 - 30		SF0129	1.2 U	13.6	22.7
S341	8/4/2000	30 - 85		SB0063	0.92 U	4.8	28.6
S341	8/4/2000	85 - 160		SB0064	1.3	6	99
S341	8/4/2000	160 - 200		SF0119	0.86 U	2.6	36.2
S342	8/10/2000	0 - 15		SF0130_T	2.9	9.5 J	57.7
S342	7/27/2000	15 - 30		SF0131	0.97 U	6.3	43.9
S342	7/27/2000	30 - 100		SB0037	0.9 U	4	58.2
S342	7/27/2000	100 - 200		SB0038	0.96 U	4.8	44.6
S343	8/4/2000	0 - 15		SF0132	0.85 U	7.5	47.8
S343	8/4/2000	15 - 30		SF0133	0.88 U	5.9	38.5
S343	8/4/2000	30 - 100	D1	SB0039	1.1 U	15.1	61.4
S343	8/4/2000	30 - 100	D2	SF0167	1.1 U	15.5	41.3
S343	8/4/2000	100 - 200		SB0040	1.3 U	17	39.3

Table B1-13. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Thallium (mg/kg-dw)	Vanadium (mg/kg-dw)	Zinc (mg/kg-dw)
S344	8/10/2000	0 - 15		SF0111_T	1.2 U	9.3 J	130
S344	7/27/2000	15 - 30		SF0112	0.85 U	4.5	123
S344	7/27/2000	30 - 100	D1	SB0019	1 U	6.4	116 J
S344	7/27/2000	30 - 100	D2	SB0070	0.92 U	5.7	115
S344	7/27/2000	100 - 200		SB0020	0.9 U	4.1	40.3
S345	8/4/2000	0 - 15		SF0136	1.2 U	15.2	30.6
S345	8/4/2000	15 - 30		SF0137	1.6 U	11.7	51.9
S345	8/4/2000	30 - 100		SB0043	1.3 U	10.4	60.7
S345	8/4/2000	100 - 200		SB0044	1 U	6.4	57.2
S346	8/4/2000	0 - 15		SF0138	0.76 U	6.4	53.7
S346	8/4/2000	15 - 30		SF0139	0.81 U	4.6	57.9
S346	8/4/2000	30 - 160		SB0045	0.97 U	9.5	51.5
S346	8/4/2000	160 - 200		SB0046	1.8	13.1 J	133
S347	8/4/2000	0 - 15		SF0140	0.89 U	11.5	63.3
S347	8/4/2000	15 - 30		SF0141	1.1 U	14.9	92.5
S347	8/4/2000	30 - 100		SB0047	1.2	10.2 J	51.5
S347	8/4/2000	100 - 200		SB0048	1.3 U	10.8 J	45
S348	8/5/2000	0 - 15		SF0142	1.4 U	7.4 J	53.7
S348	8/5/2000	15 - 30		SF0143	1.2 U	5.3	30 J
S348	8/5/2000	30 - 110		SB0049	1.5 U	9.1 J	50.8 J
S348	8/5/2000	110 - 200		SB0050	0.96 U	9.6	120 J
S349	8/5/2000	0 - 15		SF0144	1 U	9.3	100 J
S349	8/5/2000	15 - 30		SF0145	1.1 U	10.7	144 J
S349	8/5/2000	30 - 100		SB0051	1.2 U	16.4 J	38.9 J
S349	8/5/2000	100 - 200		SB0052	1.3 U	13.5 J	31.7 J
S350	8/5/2000	0 - 15		SF0146	1.3 U	7.9	65.2 J
S350	8/5/2000	15 - 30		SF0147	1.1 U	5.6	50.6 J
S350	8/5/2000	30 - 92		SB0053	1.2 U	5.6 J	45.2 J
S350	8/5/2000	92 - 200	D1	SB0054	1 U	19.1 J	234 J
S350	8/5/2000	92 - 200	D2	SB0067	1 U	19.2 J	237 J

Table B1-13. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Thallium (mg/kg-dw)	Vanadium (mg/kg-dw)	Zinc (mg/kg-dw)
S351	8/15/2000	0 - 2		SF0173	1.2 U	16.3	160
S351	8/5/2000	0 - 15		SF0149	0.7 U	7.3	87.8 J
S351	8/5/2000	15 - 30		SF0150	0.94 U	14.5	162 J
S351	8/5/2000	30 - 100		SB0055	0.81 U	10.8	197 J
S351	8/5/2000	100 - 200		SB0056	0.92 U	21.1 J	361 J
S352	8/10/2000	0 - 15		SF0151	0.97	14.2	218 J
S352	8/10/2000	15 - 30		SF0152	1.3	15.9	241
S352	8/10/2000	30 - 100		SB0057	1	11.5 J	229
S352	8/10/2000	100 - 200		SB0058	0.94 U	2.8 J	17
S353	7/27/2000	0 - 15		SF0113	0.71 U	6.7	162
S353	7/27/2000	15 - 30		SF0114	0.64 U	6.2	134
S353	7/27/2000	30 - 100		SB0021	0.7 U	4	80.1
S353	7/27/2000	100 - 200		SB0022	0.78 U	2.6	19.5
S354	8/10/2000	0 - 15		SF0155	2.1 U	30.8 J	248
S354	8/13/2000	15 - 30		SF0156	1.6 U	23.6 J	202
S354	8/13/2000	30 - 100		SB0061	1.7 U	33.7 J	644
S354	8/13/2000	100 - 200	D1	SB0062	1.5 U	10.9 J	143
S354	8/13/2000	100 - 200	D2	SB0069	1.5 U	14.2 J	294
S355	8/10/2000	0 - 15		SF0157	2.2 U	26.7 J	257
S355	8/13/2000	15 - 30		SF0158	1.7 U	29.9 J	248
S355	8/13/2000	30 - 100		SB0035	1.7 U	27.7 J	592
S355	8/13/2000	100 - 200		SB0036	1.3 U	21.8 J	411
S434	8/9/2000	0 - 15		SF0170	0.87 U	4.3 J	24.3 J
S434	8/9/2000	15 - 30		SF0171	0.92 U	2.6 J	12.4 J
S434	8/9/2000	30 - 100		SB0100	0.9 U	1.8 J	12.9 J
S434	8/9/2000	100 - 200		SB0101	0.91 U	2.1 J	17.9 J
S435	8/9/2000	0 - 5		SF0172	0.81 U	22.8 J	50.5 J

Table B1-14. TOC, Grain Size, and Total Solids in 2-m Cores

Station	Date	Depth (cm)	Duplicate	Sample Number	Percent clay (%-ww)	Percent sand (%-ww)	Percent silt (%-ww)	Total organic carbon (%-dw)	Total solids (%-ww)
S324	7/13/2000	0 - 15		SF0092	5	33	62	9.14	40.4
S324	7/13/2000	15 - 30		SF0093	5	36	58	10.1	44.7
S324	7/13/2000	30 - 100	D1	SB0001	4	32	66	9.5	49.9
S324	7/13/2000	30 - 100	D2	SB0068	4	34	62	9.34	50.7
S324	7/13/2000	100 - 200		SB0002	17	13	70	5.12	33.1
S325	7/14/2000	0 - 2		SF0094	8	10	82	9.32	41.5
S325	7/14/2000	2 - 15		SF0095	8	8	84	3.81	40.7
S325	7/14/2000	15 - 30		SF0096	8	14	78	9.08	42.6
S325	7/14/2000	30 - 100		SB0003	9	11	81	7.26	48.8
S325	7/14/2000	100 - 200		SB0004	17	9	74	8.63	52.6
S326	7/14/2000	0 - 15		SF0097	6	5	89	5.94	39
S326	7/14/2000	15 - 30		SF0098	7	3	90	4.47	41.2
S326	7/14/2000	30 - 100		SB0005	16	6	78	3.55	38.1
S326	7/14/2000	100 - 200		SB0006	10	14	76	8.34	34.3
S327	8/5/2000	0 - 15		SF0099	8	27	65	8.36	35.1
S327	8/5/2000	15 - 30		SF0100	9	29	62	6.58	34.5
S327	8/5/2000	30 - 60		SB0007	9	38	53	11.2	35.1
S327	8/5/2000	60 - 140		SB0008	14	46	40	2.92	76.3
S327	8/5/2000	140 - 196		SF0148	9	35	56	5.75	56.7
S328	7/15/2000	0 - 15		SF0101	9	71	21	6.28	60.6
S328	7/15/2000	15 - 30		SF0102	18	42	40	5.01	53.5
S328	7/15/2000	30 - 100		SB0009	18	32	50	6.1	52.9
S328	7/15/2000	100 - 200		SB0010	18	31	51	7.79	57.4
S329	7/16/2000	0 - 15		SF0103	12	57	32	5.87	52.4
S329	7/16/2000	15 - 30		SF0104	16	49	35	2.93	57.4
S329	7/16/2000	30 - 100		SB0011	17	44	39	8.67	54.8
S329	7/16/2000	100 - 200		SB0012	18	33	49	4.47	56.2
S330	7/16/2000	0 - 15		SF0105	9	63	28	7.26	61.8
S330	7/16/2000	15 - 30		SF0106	10	57	33	4.93	58.3
S330	7/16/2000	30 - 100		SB0013	15	43	42	4.32	57.8

Table B1-14. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Percent clay (%-ww)	Percent sand (%-ww)	Percent silt (%-ww)	Total organic carbon (%-dw)	Total solids (%-ww)
S330	7/16/2000	100 - 200		SB0014	7	44	49	8.38	58.1
S331	7/16/2000	0 - 15		SF0107	9	20	71	7.75	36.1
S331	7/16/2000	15 - 30		SF0108	9	42	49	9.23	28.7
S331	7/16/2000	30 - 100		SB0015	8	22	70	5.08	36.4
S331	7/16/2000	100 - 200		SB0016	9	8	83	8.01	42.2
S332	8/11/2000	0 - 15		SF0109	9	29	62	9.08	45.7
S332	8/10/2000	15 - 30		SF0110	7	42	51	8.39	40.1
S332	8/10/2000	30 - 100		SB0017	8	43	49	9.5	38.1
S332	8/10/2000	100 - 200		SB0018	8	32	60	9.72	41.9
S333	8/2/2000	0 - 15		SF0134	6	47	47	9.15	56.5
S333	8/2/2000	15 - 30		SF0135	4	40	56	7.01	58.9
S333	8/2/2000	30 - 100	D1	SB0041	10	46	44	9.44 J	70.7
S333	8/2/2000	30 - 100	D2	SB0066	9	50	41	5.09 J	70.2
S333	8/2/2000	100 - 193		SB0042	10	33	57	8.84	62.8
S334	8/2/2000	0 - 15		SF0153	4	49	47	6.73	63.9
S334	8/2/2000	15 - 30		SF0154	4	56	40	8.63	64.5
S334	8/2/2000	30 - 110		SB0059	7	34	59	16.6	52.2
S334	8/2/2000	110 - 200		SB0060	8	24	68	28.5	53.7
S335	8/2/2000	0 - 15		SF0115	3	36	61	2.92	57.9
S335	8/2/2000	15 - 30		SF0116	4	51	45	6.21	64.8
S335	8/2/2000	30 - 100		SB0023	6	29	65	6.71	57.4
S335	8/2/2000	100 - 190	D1	SB0024	10	42	48	8.23	56.8
S335	8/2/2000	100 - 190	D2	SB0065	10	44	46	10.4	56.5
S336	8/3/2000	0 - 15		SF0117	3	81	16	7.63	88.6
S336	8/3/2000	15 - 30		SF0118	5	34	61	11.1	55.8
S336	8/3/2000	30 - 100		SB0025	7	29	64	9.25	43.6
S336	8/3/2000	100 - 200		SB0026	8	24	68	11.7	43.5
S337	8/11/2000	0 - 15		SF0174	7	17	76	8.1	36.6
S337	8/3/2000	15 - 30		SF0120	9	19	72	9.88	35.2
S337	8/3/2000	30 - 100		SB0027	8	32	60	9.22	29.6

Table B1-14. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Percent clay (%-ww)	Percent sand (%-ww)	Percent silt (%-ww)	Total organic carbon (%-dw)	Total solids (%-ww)
S337	8/3/2000	100 - 200		SB0028	7	17	76	12.1	42.5
S344	8/10/2000	0 - 15		SF0111_T	7	15	78	11.7	37.6
S345	8/4/2000	0 - 15		SF0136	8	55	37	7.27	40.9
S345	8/4/2000	15 - 30		SF0137	5	37	58	5.23	31.4
S345	8/4/2000	30 - 100		SB0043	11	27	62	5.56	36.5
S345	8/4/2000	100 - 200		SB0044	9	2	89	6.25	46.8
S349	8/5/2000	0 - 15		SF0144	8	27	65	7.97	48.7
S349	8/5/2000	15 - 30		SF0145	8	36	56	15.3	44.9
S349	8/5/2000	30 - 100		SB0051	2	29	69	6.63	40.2
S349	8/5/2000	100 - 200		SB0052	2	30	68	7.24	37.5
S353	7/27/2000	0 - 15		SF0113	3	92	5	9.43	68.6
S353	7/27/2000	15 - 30		SF0114	3	90	7	8.9	76.6
S353	7/27/2000	30 - 100		SB0021	6	72	22	6.23	70.3
S353	7/27/2000	100 - 200		SB0022	9	53	38	6.31	62.5
S354	8/10/2000	0 - 15		SF0155	16	26	58	7.32	20.1
S354	8/13/2000	15 - 30		SF0156	16	18	66	8.72	31.6
S354	8/13/2000	30 - 100		SB0061	14	38	48	9.33	28.2
S354	8/13/2000	100 - 200	D1	SB0062	7	6	87	9.08	32
S354	8/13/2000	100 - 200	D2	SB0069	8	10	82	7.28	31.8
S355	8/10/2000	0 - 15		SF0157	15	26	59	8.09	18.9
S355	8/13/2000	15 - 30		SF0158	16	22	62	5.21	28.8
S355	8/13/2000	30 - 100		SB0035	14	62	24	9.46	29
S355	8/13/2000	100 - 200		SB0036	38	24	38	8.01	37.4
S434	8/9/2000	0 - 15		SF0170	18	49	33	4.44	56.6
S434	8/9/2000	15 - 30		SF0171	17	49	34	10.7	53.2
S434	8/9/2000	30 - 100		SB0100	19	44	37	9.6	54.6
S434	8/9/2000	100 - 200		SB0101	17	23	60	7.65	53.8
S435	8/9/2000	0 - 5		SF0172	3	86	11	31.4	60.8

Table B1-15. TCL VOCs in 8-m Cores

Station	Date	Depth (cm)	Duplicate	Sample Number	Acetone (µg/kg-dw)	Benzene (µg/kg-dw)	Bromodichloro-methane (µg/kg-dw)	Bromoform (µg/kg-dw)	Bromomethane (µg/kg-dw)	2-Butanone (µg/kg-dw)	Carbon disulfide (µg/kg-dw)	Carbon tetrachloride (µg/kg-dw)	Chlorobenzene (µg/kg-dw)
S304	8/9/2000	0 - 15		SF0052	23	8.7 U	8.7 U	8.7 U	8.7 U	5.2	17 U	8.7 U	8.7 U
S304	8/9/2000	15 - 30		SF0053	55 U	3.9	8.5 U	8.5 U	8.5 U	17	2.7	8.5 U	20
S304	7/21/2000	30 - 100		VC0025	73	11	8.9 U	8.9 U	8.9 UJ	23	5.5	8.9 U	64
S304	7/21/2000	100 - 200		VC0026	39	25	9.7 U	9.7 U	9.7 UJ	15	4.6	9.7 U	100
S304	7/21/2000	200 - 300	D1	VC0027	48	32	11 U	11 U	11 UJ	17	9.7	11 U	68
S304	7/21/2000	200 - 300	D2	VC0201	49	26	11 U	11 U	11 UJ	16	10	11 U	45
S304	7/21/2000	300 - 400		VC0028	34	4.6	10 U	10 U	10 UJ	13	6.2	10 U	9.3
S304	7/21/2000	400 - 500		VC0029	44	2.3	9.5 U	9.5 U	9.5 UJ	12	5.9	9.5 U	3
S304	7/21/2000	500 - 600		VC0030	20	2.2	10 U	10 U	10 UJ	6.7	2.8	10 U	10 U
S304	7/21/2000	600 - 700		VC0031	14 J	2 J	8.9 UJ	8.9 UJ	8.9 UJ	6.9 J	2.7 J	8.9 UJ	8.9 UJ
S304	7/21/2000	700 - 727		VC0032	13 J	9.7 UJ	9.7 UJ	9.7 UJ	9.7 UJ	7.7 J	5.4 J	9.7 UJ	9.7 UJ
S307	7/18/2000	0 - 15		VC0196	30 U	7.6 U	7.6 U	7.6 U	7.6 UJ	15 U	15 U	7.6 U	6.2
S307	7/18/2000	15 - 30		VC0197	31 U	150	7.7 U	7.7 U	7.7 UJ	2	15 U	7.7 U	1.7
S307	7/18/2000	30 - 100		VC0049	35 U	1,400	8.7 U	8.7 U	8.7 UJ	17 U	11	8.7 U	8.7 U
S307	7/18/2000	100 - 200		VC0050	34 U	960	8.6 U	8.6 U	8.6 UJ	2.6	6.9	8.6 U	8.6 U
S307	7/18/2000	200 - 300		VC0051	35 U	280	8.8 U	8.8 U	8.8 UJ	3	14	8.8 U	8.8 U
S307	7/18/2000	300 - 400		VC0052	37 U	9.7	9.1 U	9.1 U	9.1 UJ	4.4	14	9.1 U	9.1 U
S307	7/18/2000	400 - 500		VC0053	25 U	6.3 U	6.3 U	6.3 U	6.3 UJ	13 U	13 U	6.3 U	6.3 U
S307	7/18/2000	500 - 600		VC0054	24 U	6 U	6 U	6 U	6 UJ	1.4	12 U	6 U	6 U
S308	8/10/2000	0 - 15		SF0060	250 J	15 UJ	15 UJ	15 UJ	15 UJ	43 J	17 J	15 UJ	200 J
S308	8/10/2000	15 - 30		SF0061	120 U	10 J	13 UJ	13 UJ	13 UJ	170 J	13 J	13 UJ	210
S308	7/18/2000	30 - 100	D1	VC0057	610 J	18	15 U	15 U	15 UJ	140	30	15 U	480
S308	7/18/2000	30 - 100	D2	VC0191	120 J	22	15 U	15 U	15 UJ	170	52	15 U	290
S308	7/18/2000	100 - 200		VC0058	240 U	110	61 U	61 U	61 UJ	56	16	61 U	99
S308	7/18/2000	200 - 259		VC0059	280 J	17	11 U	11 U	11 UJ	59	26	11 U	11 U
S308	7/18/2000	259 - 359		VC0060	59 J	9.1 U	9.1 U	9.1 U	9.1 UJ	15	55	9.1 U	9.1 U
S308	7/18/2000	359 - 459		VC0061	26 J	8.5 U	8.5 U	8.5 U	8.5 UJ	9.2	38	8.5 U	8.5 U
S308	7/18/2000	459 - 559		VC0062	33 J	7.9 U	7.9 U	7.9 U	7.9 UJ	10	48	7.9 U	7.9 U
S308	7/18/2000	559 - 593		VC0063	42 J	7.5 U	7.5 U	7.5 U	7.5 UJ	11	33	7.5 U	7.5 U
S309	8/14/2000	0 - 15		SF0062	6,000 U	3,100	1,500 U	1,500 U	1,500 U	3,000 U	3,000 U	1,500 U	120,000
S309	8/14/2000	15 - 30		SF0063	5,700 U	5,700	1,400 U	1,400 U	1,400 U	2,900 U	2,900 U	1,400 U	150,000
S309	7/20/2000	30 - 74		VC0087	5,900 U	8,700	1,500 U	1,500 U	1,500 U	2,900 U	2,900 U	1,500 U	75,000
S309	7/20/2000	74 - 174		VC0065	640 J	7,100	55 UJ	55 UJ	55 UJ	160 J	22 J	55 UJ	10,000
S309	7/20/2000	174 - 274	D1	VC0066	1,000 J	3,600	76 UJ	76 UJ	76 UJ	250 J	150 UJ	76 UJ	2,800 J
S309	7/20/2000	174 - 274	D2	VC0192	7,700 U	3,000	1,900 U	1,900 U	1,900 U	3,800 U	3,800 U	1,900 U	1,800
S309	7/20/2000	274 - 374		VC0067	310 U	1,300	78 U	78 U	78 UJ	250	26	78 U	190
S309	7/20/2000	374 - 474		VC0068	1,100 J	310	86 U	86 U	86 UJ	240	26	86 U	86 U
S309	7/20/2000	474 - 578		VC0069	1,100 J	190 J	80 UJ	80 UJ	80 UJ	230 J	160 UJ	80 UJ	80 UJ
S309	7/20/2000	578 - 627		VC0070	1,000 J	150 J	74 UJ	74 UJ	74 UJ	210 J	150 UJ	74 UJ	74 UJ
S309	7/20/2000	627 - 674		VC0071	1,300 J	130	92 U	92 U	92 UJ	310	23	92 U	92 U
S309	7/20/2000	674 - 696		VC0072	980 J	98 J	70 UJ	70 UJ	70 UJ	220 J	31 J	70 UJ	70 UJ
S309	7/20/2000	696 - 730		VC0209	1,100 J	34 J	13 UJ	13 UJ	13 UJ	260 J	36 J	13 UJ	13 UJ
S309	7/20/2000	730 - 789		VC0210	880 J	9.1	15 U	15 U	15 UJ	160	36	15 U	15 U
S310	8/14/2000	0 - 15		SF0064	40 U	65	16 U	16 U	16 U	8.7	31 U	16 U	1,600 J
S310	8/14/2000	15 - 30		SF0065	120 U	230	14 U	14 U	14 U	28	4.6	14 U	6,600
S310	7/20/2000	30 - 100		VC0073	230 U	540	57 U	57 U	57 UJ	54	52	57 U	7,300

Table B1-15. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Acetone (µg/kg-dw)	Benzene (µg/kg-dw)	Bromodichloro-methane (µg/kg-dw)	Bromoform (µg/kg-dw)	Bromomethane (µg/kg-dw)	2-Butanone (µg/kg-dw)	Carbon disulfide (µg/kg-dw)	Carbon tetrachloride (µg/kg-dw)	Chlorobenzene (µg/kg-dw)
S310	7/20/2000	100 - 200		VC0074	470 J	1,600	79 U	79 U	79 UJ	160	32	79 U	980
S310	7/20/2000	200 - 300		VC0075	7,100 U	2,700	1,800 U	1,800 U	1,800 U	3,500 U	3,500 U	1,800 U	2,800
S310	7/20/2000	300 - 400	D1	VC0076	580 J	2,900	66 U	66 U	66 UJ	180	14	66 U	24,000
S310	7/20/2000	300 - 400	D2	VC0186	6,600 U	2,900	1,700 U	1,700 U	1,700 U	3,300 U	3,300 U	1,700 U	22,000
S310	7/20/2000	400 - 500		VC0077	7,200 U	1,900	1,800 U	1,800 U	1,800 U	3,600 U	3,600 U	1,800 U	4,300
S310	7/20/2000	500 - 600		VC0078	6,000 U	890	1,500 U	1,500 U	1,500 U	3,000 U	3,000 U	1,500 U	1,400
S310	7/20/2000	600 - 653		VC0079	6,000 U	840	1,500 U	1,500 U	1,500 U	3,000 U	3,000 U	1,500 U	1,300
S310	7/20/2000	653 - 724		VC0080	5,000 U	3,600	1,200 U	1,200 U	1,200 U	2,500 U	2,500 U	1,200 U	3,200
S311	7/20/2000	0 - 15		VC0207	6,600 U	800	1,700 U	1,700 U	1,700 U	3,300 U	3,300 U	1,700 UR	1,800
S311	7/20/2000	15 - 30		VC0208	6,000 U	920	1,500 U	1,500 U	1,500 U	3,000 U	3,000 U	1,500 UR	1,700
S311	7/20/2000	30 - 100		VC0081	6,800 U	700	1,700 U	1,700 U	1,700 U	3,400 U	3,400 U	1,700 U	540
S311	7/20/2000	100 - 200		VC0082	730	45 J	16 UJ	16 UJ	16 UJ	140 J	3.8 J	16 UJ	16 UJ
S311	7/20/2000	200 - 300		VC0083	1,000 J	19 J	15 UJ	15 UJ	15 UJ	100 J	31 UJ	15 UJ	15 UJ
S311	7/20/2000	300 - 400		VC0084	840 J	8.1 J	16 UJ	16 UJ	16 UJ	120 J	32 UJ	16 UJ	16 UJ
S311	7/20/2000	400 - 500		VC0085	1,100 J	4.4 J	18 UJ	18 UJ	18 UJ	210 J	36 UJ	18 UJ	18 UJ
S311	7/20/2000	500 - 600		VC0086	1,100 J	20 UJ	20 UJ	20 UJ	20 UJ	150 J	40 UJ	20 UJ	20 UJ
S312	8/14/2000	0 - 15		SF0068	57,000 U	9,200	14,000 U	14,000 U	14,000 U	29,000 U	29,000 U	14,000 U	1,000,000
S312	8/14/2000	15 - 30		SF0069	4,900 U	1,900	1,200 U	1,200 U	1,200 U	2,400 U	2,400 U	1,200 U	230,000
S312	7/20/2000	30 - 100		VC0089	6,000 U	2,900	1,500 U	1,500 U	1,500 U	3,000 U	3,000 U	1,500 U	91,000
S312	7/20/2000	100 - 200		VC0090	7,300 U	1,100	1,800 U	1,800 U	1,800 U	3,700 U	3,700 U	1,800 U	5,600
S312	7/20/2000	200 - 300	D1	VC0091	7,100 U	2,200	1,800 U	1,800 U	1,800 U	3,600 U	3,600 U	1,800 U	5,100
S312	7/20/2000	200 - 300	D2	VC0193	7,400 U	1,400	1,800 U	1,800 U	1,800 U	3,700 U	3,700 U	1,800 U	1,700
S312	7/20/2000	300 - 400		VC0092	7,300 U	9,300	1,800 U	1,800 U	1,800 U	3,600 U	3,600 U	1,800 U	19,000
S312	7/20/2000	400 - 500		VC0093	6,500 U	6,300	1,600 U	1,600 U	1,600 U	3,300 U	3,300 U	1,600 U	9,400
S312	7/20/2000	500 - 600		VC0094	6,100 U	4,400	1,500 U	1,500 U	1,500 U	3,000 U	3,000 U	1,500 U	16,000
S312	7/20/2000	600 - 700		VC0095	6,600 U	1,100	1,700 U	1,700 U	1,700 U	3,300 U	3,300 U	1,700 U	5,600
S313	7/18/2000	0 - 15		VC0187	54 J	79 J	8.4 UJ	8.4 UJ	8.4 UJ	11 J	13 J	8.4 UJ	19,000
S313	7/18/2000	15 - 30		VC0188	25 U	25	6.2 U	6.2 U	6.2 UJ	12 U	17	6.2 U	470
S313	7/18/2000	30 - 100	D1	VC0097	260 J	730	46 U	46 U	46 UJ	91	60	46 U	14,000
S313	7/18/2000	30 - 100	D2	VC0194	4,800 UJ	910	9.5 U	9.5 U	9.5 UJ	120	61	9.5 U	15,000
S313	7/18/2000	100 - 200		VC0098	67	300	47 U	47 U	47 UJ	41	93 U	47 U	3,000
S313	7/18/2000	200 - 300		VC0099	140 J	21 J	9.3 UJ	9.3 UJ	9.3 UJ	33 J	9 J	9.3 UJ	8.4 J
S313	7/18/2000	300 - 400		VC0100	32 J	4.2	8.5 U	8.5 U	8.5 UJ	12	17 U	8.5 U	8.5 U
S313	7/18/2000	400 - 500		VC0101	75 J	9.4 U	9.4 U	9.4 U	9.4 UJ	21	11	9.4 U	9.4 U
S313	7/18/2000	500 - 600		VC0102	36 U	9 U	9 U	9 U	9 UJ	18 U	27	9 U	9 U
S313	7/18/2000	600 - 700		VC0103	40 U	10 U	10 U	10 U	10 UJ	8	60	10 U	10 U
S313	7/18/2000	700 - 800		VC0104	150 J	9.3 U	9.3 U	9.3 U	9.3 UJ	17	45	9.3 U	9.3 U
S314	8/10/2000	0 - 15		SF0072	5,400 U	2,600	1,400 U	1,400 U	1,400 U	2,700 U	2,700 U	1,400 U	110,000
S314	8/10/2000	15 - 30		SF0073	5,900 U	3,500	1,500 U	1,500 U	1,500 U	2,900 U	2,900 U	1,500 U	100,000
S314	7/19/2000	30 - 100	D1	VC0105	240	2,800	51 U	51 U	51 UJ	99	110	51 U	22,000
S314	7/19/2000	30 - 100	D2	VC0200	290 J	3,700	10 UJ	10 UJ	10 UJ	86 J	63 J	10 UJ	29,000
S314	7/19/2000	100 - 200		VC0106	140	820	49 U	49 U	49 UJ	70	49	49 U	16,000
S314	7/19/2000	200 - 300		VC0107	560	990	54 U	54 U	54 UJ	180	93	54 U	6,700
S314	7/19/2000	300 - 400		VC0108	190	68	48 U	48 U	48 UJ	77	21	48 U	64
S314	7/19/2000	400 - 500		VC0109	43	48 J	9.7 UJ	9.7 UJ	9.7 UJ	110 J	48 J	9.7 UJ	7.2 J
S314	7/19/2000	500 - 600		VC0110	24	14	9.4 U	9.4 U	9.4 UJ	14	2.3	9.4 U	9.4 U

Table B1-15. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Acetone (µg/kg-dw)	Benzene (µg/kg-dw)	Bromodichloro-methane (µg/kg-dw)	Bromoform (µg/kg-dw)	Bromomethane (µg/kg-dw)	2-Butanone (µg/kg-dw)	Carbon disulfide (µg/kg-dw)	Carbon tetrachloride (µg/kg-dw)	Chlorobenzene (µg/kg-dw)
S314	7/19/2000	600 - 700		VC0111	87	3.9	11 U	11 U	11 UJ	19	5.6	11 U	11 U
S314	7/19/2000	700 - 800		VC0112	75	9.9 U	9.9 U	9.9 U	9.9 UJ	18	20 U	9.9 U	9.9 U
S315	8/11/2000	0 - 15		SF0074	170	9.8	22 U	22 U	22 U	44	6.7	22 U	140
S315	8/14/2000	15 - 30		SF0075	470 U	24	19 U	19 U	19 U	130	12	19 U	350
S315	7/19/2000	30 - 100		VC0113	390	52	14 U	14 U	14 UJ	99	8.8	14 U	410
S315	7/19/2000	100 - 200		VC0114	6,900 U	190	14 U	14 UJ	14 UJ	360	26	14 U	5,300
S315	7/19/2000	200 - 300		VC0115	240 J	130 J	12 UJ	12 UJ	12 UJ	75 J	9.1 J	12 UJ	2,900
S315	7/19/2000	300 - 400		VC0116	440	44 J	11 UJ	11 UJ	11 UJ	140 J	11 J	11 UJ	33 J
S315	7/19/2000	400 - 500		VC0117	110	62	10 U	10 U	10 UJ	37	2.9	10 U	2.9
S315	7/19/2000	500 - 600		VC0118	93	9.5	9.5 U	9.5 U	9.5 UJ	26	19 U	9.5 U	9.5 U
S315	7/19/2000	600 - 673		VC0119	170	8.8 U	8.8 U	8.8 U	8.8 UJ	42	8.1	8.8 U	8.8 U
S315	7/19/2000	673 - 767		VC0120	210	9.6 U	9.6 U	9.6 U	9.6 UJ	50	38	9.6 U	9.6 U
S316	8/10/2000	0 - 15		SF0076	28 UJ	6.4 U	6.4 U	6.4 U	6.4 U	13 U	13 U	6.4 U	6.4 U
S316	8/10/2000	15 - 30		SF0077	26 UJ	6.4 U	6.4 U	6.4 U	6.4 U	13 U	13 U	6.4 U	6.4 U
S316	7/15/2000	30 - 102		VC0121	14 J	6.9 U	6.9 U	6.9 U	6.9 UJ	14 UJ	14 U	6.9 U	6.9 U
S316	7/15/2000	102 - 201		VC0122	19 J	8.8 U	8.8 U	8.8 U	8.8 UJ	18 UJ	18 U	8.8 U	8.8 U
S316	7/15/2000	201 - 300		VC0123	14 J	9.6 U	9.6 U	9.6 U	9.6 UJ	19 UJ	19 U	9.6 U	9.6 U
S316	7/15/2000	300 - 400		VC0124	18 J	9.8 U	9.8 U	9.8 U	9.8 UJ	20 UJ	20 U	9.8 U	9.8 U
S316	7/15/2000	400 - 500		VC0125	15 J	9.9 U	9.9 U	9.9 U	9.9 UJ	20 UJ	20 U	9.9 U	9.9 U
S316	7/15/2000	500 - 600		VC0126	24 J	9.3 UJ	9.3 UJ	9.3 UJ	9.3 UJ	19 UJ	19 UJ	9.3 UJ	9.3 UJ
S316	7/15/2000	600 - 700		VC0127	27 J	9.1 U	9.1 U	9.1 U	9.1 UJ	18 UJ	18 U	9.1 U	9.1 U
S316	7/15/2000	700 - 800		VC0128	35 J	8.7 U	8.7 U	8.7 U	8.7 UJ	7.3 J	17 U	8.7 U	8.7 U
S317	8/11/2000	0 - 15		SF0078	100 J	14 J	14 UJ	14 UJ	14 UJ	18 J	6.6 J	14 UJ	360 J
S317	8/4/2000	15 - 30		SF0079	280 J	26 J	12 UJ	12 UJ	12 UJ	230 J	23 J	12 UJ	370
S317	7/15/2000	30 - 100		VC0129	450 J	190 J	12 UJ	12 UJ	12 UJ	150 J	5 J	12 UJ	970 J
S317	7/15/2000	100 - 200		VC0130	140 J	33	10 U	10 U	10 UJ	41 J	3.7	10 U	10 U
S317	7/15/2000	200 - 300		VC0131	290 J	15 J	9 UJ	9 UJ	9 UJ	74 J	4 J	9 UJ	9 UJ
S317	7/15/2000	300 - 400		VC0132	110 J	21 J	9.4 UJ	9.4 UJ	9.4 UJ	30 J	19 UJ	9.4 UJ	9.4 UJ
S317	7/15/2000	400 - 500		VC0133	77 J	4.9 J	8.8 UJ	8.8 UJ	8.8 UJ	15 J	18 UJ	8.8 UJ	8.8 UJ
S317	7/15/2000	500 - 600		VC0134	87 J	9.5 UJ	9.5 UJ	9.5 UJ	9.5 UJ	21 J	19 UJ	9.5 UJ	9.5 UJ
S317	7/15/2000	600 - 700		VC0135	75	8.7 U	8.7 U	8.7 U	8.7 U	16	2.1	8.7 U	8.7 U
S318	7/14/2000	0 - 15		VC0189	25 U	2	6.2 U	6.2 U	6.2 UJ	12 U	12 U	6.2 U	14
S318	7/14/2000	15 - 30		VC0190	19 J	18	6.3 U	6.3 U	6.3 UJ	9.3	2.9	6.3 U	41
S318	7/14/2000	30 - 100		VC0137	13 J	39	6.3 U	6.3 U	6.3 UJ	6.3	6.1	6.3 U	54
S318	7/14/2000	100 - 200		VC0138	12 J	120	8.3 U	8.3 U	8.3 UJ	6	18	8.3 U	82
S318	7/14/2000	200 - 300		VC0139	20 J	69	9.3 U	9.3 U	9.3 UJ	7.2	24	9.3 U	6.5
S318	7/14/2000	300 - 400		VC0140	32 J	10	9.4 U	9.4 U	9.4 UJ	8.4	23	9.4 U	9.4 U
S318	7/14/2000	400 - 500		VC0141	45 J	10 U	10 U	10 U	10 UJ	12	29	10 U	10 U
S318	7/14/2000	500 - 600		VC0142	110 J	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	24 J	43 J	9.4 UJ	9.4 UJ
S318	7/14/2000	600 - 700		VC0143	410 J	8.9 UJ	8.9 UJ	8.9 UJ	8.9 UJ	110 J	46 J	8.9 UJ	8.9 UJ
S318	7/14/2000	700 - 800		VC0144	590 J	8.7 UJ	8.7 UJ	8.7 UJ	8.7 UJ	170 J	29 J	8.7 UJ	8.7 UJ
S319	8/4/2000	0 - 15		SF0082	48 UJ	12 UJ	12 UJ	12 UJ	12 UJ	23 UJ	23 UJ	12 UJ	55 J
S319	8/4/2000	15 - 30		SF0083	210 J	3.3 J	11 UJ	11 UJ	11 UJ	39 J	6.5 J	11 UJ	110 J
S319	7/14/2000	30 - 100		VC0145	42 U	160	11 U	11 UJ	11 UJ	270	32	11 U	1,200 J
S319	7/14/2000	100 - 200		VC0146	880 J	56	50 U	50 U	50 UJ	260	100 U	50 U	42
S319	7/14/2000	200 - 300		VC0147	98 J	15	9.6 U	9.6 U	9.6 UJ	27	19 U	9.6 U	3.4

Table B1-15. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Acetone (µg/kg-dw)	Benzene (µg/kg-dw)	Bromodichloro-methane (µg/kg-dw)	Bromoform (µg/kg-dw)	Bromomethane (µg/kg-dw)	2-Butanone (µg/kg-dw)	Carbon disulfide (µg/kg-dw)	Carbon tetrachloride (µg/kg-dw)	Chlorobenzene (µg/kg-dw)
S319	7/14/2000	300 - 400		VC0148	240 J	21 J	9.4 UJ	9.4 UJ	9.4 UJ	130 J	19 UJ	9.4 UJ	9.4 UJ
S319	7/14/2000	400 - 500		VC0149	200 J	8.9 U	8.9 U	8.9 U	8.9 UJ	52	4.8	8.9 U	8.9 U
S319	7/14/2000	500 - 600		VC0150	160 J	9.1 U	9.1 U	9.1 U	9.1 UJ	38	46	9.1 U	9.1 U
S319	7/14/2000	600 - 700		VC0151	240 J	9.1 U	9.1 U	9.1 U	9.1 UJ	59	48	9.1 U	9.1 U
S319	7/14/2000	700 - 800		VC0152	230 J	8.9 U	8.9 U	8.9 U	8.9 UJ	120	21	8.9 U	8.9 U
S320	8/13/2000	0 - 15		SF0084	51	4.5	16 U	16 U	16 U	10	32 U	16 U	45
S320	8/14/2000	15 - 30		SF0085	180 U	5.5	16 U	16 U	16 U	45	3.6	16 U	110
S320	7/13/2000	30 - 100		VC0153	850	56	13 U	13 UJ	13 UJ	190 J	26 U	13 U	1,400
S320	7/13/2000	100 - 200		VC0154	360 J	41	13 U	13 U	13 UJ	110 J	13 U	13 U	90
S320	7/13/2000	200 - 300		VC0155	310 J	23	52 U	52 U	52 UJ	100 J	52 U	52 U	52 U
S320	7/13/2000	300 - 400		VC0156	270 J	190	48 U	48 U	48 UJ	110 J	48 U	48 U	59
S320	7/13/2000	400 - 500		VC0157	110 J	5.5 J	9.4 UJ	9.4 UJ	9.4 UJ	32 J	9.4 UJ	9.4 UJ	9.4 UJ
S320	7/13/2000	500 - 600		VC0158	230 J	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	64 J	9.4 UJ	9.4 UJ	9.4 UJ
S320	7/13/2000	600 - 700		VC0159	340 J	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	97 J	19 UJ	9.4 UJ	9.4 UJ
S321	8/4/2000	0 - 15		SF0086	24 UJ	7 U	7 U	7 U	7 U	14 U	14 U	7 U	7 U
S321	8/4/2000	15 - 30		SF0087	24 UJ	6.9 U	6.9 U	6.9 U	6.9 U	14 U	14 U	6.9 U	6.9 U
S321	7/13/2000	30 - 100		VC0161	26 UJ	6.7 UJ	6.7 UJ	6.7 UJ	6.7 UJ	13 UJ	16 UJ	6.7 UJ	6.7 UJ
S321	7/13/2000	100 - 200		VC0162	50 UJ	7.4 UJ	7.4 UJ	7.4 UJ	7.4 UJ	7.4 J	18 J	7.4 UJ	7.4 UJ
S321	7/13/2000	200 - 300		VC0163	50 UJ	7.5 UJ	7.5 UJ	7.5 UJ	7.5 UJ	5.5 J	16 J	7.5 UJ	7.5 UJ
S321	7/13/2000	300 - 400		VC0164	64 UJ	7.8 UJ	7.8 UJ	7.8 UJ	7.8 UJ	16 J	19 J	7.8 UJ	7.8 UJ
S321	7/13/2000	400 - 500		VC0165	31 UJ	7.8 UJ	7.8 UJ	7.8 UJ	7.8 UJ	23 J	31 J	7.8 UJ	7.8 UJ
S321	7/13/2000	500 - 560		VC0166	160 J	8.2 UJ	8.2 UJ	8.2 UJ	8.2 UJ	42 J	31 J	8.2 UJ	8.2 UJ
S321	7/13/2000	560 - 600		VC0167B	180 J	8.4 UJ	8.4 UJ	8.4 UJ	8.4 UJ	45 J	32 J	8.4 UJ	8.4 UJ
S321	7/13/2000	600 - 700		VC0167	310 J	8.7 UJ	8.7 UJ	8.7 UJ	8.7 UJ	85 J	31 J	8.7 UJ	8.7 UJ
S321	7/13/2000	700 - 800		VC0168	620	8.6 UJ	8.6 UJ	8.6 UJ	8.6 UJ	170 J	38 J	8.6 UJ	8.6 UJ
S322	8/10/2000	0 - 15		SF0088	290	25	52 U	52 U	52 U	94	100 U	52 U	230
S322	8/10/2000	15 - 30		SF0089	210	31	48 U	48 U	48 U	73	97 U	48 U	250
S322	7/13/2000	30 - 100		VC0169	370	7.2	11 U	11 UJ	11 U	110	15	11 U	150 J
S322	7/13/2000	100 - 200		VC0170	57	4.2	7.7 U	7.7 U	7.7 U	17	23	7.7 U	14
S322	7/13/2000	200 - 300		VC0171	66	8.7 U	8.7 U	8.7 U	8.7 UJ	15	31	8.7 U	8.7 U
S322	7/13/2000	300 - 400		VC0172	130 J	8.3 UJ	8.3 UJ	8.3 UJ	8.3 UJ	33 J	30 J	8.3 UJ	8.3 UJ
S322	7/13/2000	400 - 500	D1	VC0173	160	8.2 U	8.2 U	8.2 U	8.2 U	39	31	8.2 U	8.2 U
S322	7/13/2000	400 - 500	D2	VC0185	150	8.2 U	8.2 U	8.2 U	8.2 U	38	23	8.2 U	8.2 U
S322	7/13/2000	500 - 600		VC0174	290 J	8 UJ	8 UJ	8 UJ	8 UJ	80 J	27 J	8 UJ	8 UJ
S322	7/13/2000	600 - 700		VC0175	270	7.8 U	7.8 U	7.8 U	7.8 U	82	17	7.8 U	7.8 U
S322	7/13/2000	700 - 800		VC0176	220	7.4 U	7.4 U	7.4 U	7.4 U	72	7.4 U	7.4 U	7.4 U
S323	8/13/2000	0 - 15		SF0090	33	10 U	10 U	10 U	10 U	8.5	20 U	10 U	55
S323	8/4/2000	15 - 30		SF0091	420 J	14 J	26 UJ	26 UJ	26 UJ	52 UJ	6 J	26 UJ	290 J
S323	7/12/2000	30 - 100		VC0177	710	17	12 U	12 U	12 UJ	200	37	12 U	47
S323	7/12/2000	100 - 200		VC0178	660	49 U	49 U	49 U	49 UJ	190	37	49 U	49 U
S323	7/12/2000	200 - 300		VC0179	320 J	4.3 J	10 UJ	10 UJ	10 UJ	90 J	11 J	10 UJ	10 UJ
S323	7/12/2000	300 - 400		VC0180	170	9.2 U	9.2 U	9.2 U	9.2 U	48	4.4	9.2 U	9.2 U
S323	7/12/2000	400 - 500		VC0181	120	8.9 U	8.9 U	8.9 U	8.9 UJ	36	5.4	8.9 U	8.9 U
S323	7/12/2000	500 - 600		VC0182	140	8.2 U	8.2 U	8.2 U	8.2 UJ	38	9.4	8.2 U	8.2 U
S323	7/12/2000	600 - 700		VC0183	120	8 U	8 U	8 U	8 U	32	5.9	8 U	8 U
S323	7/12/2000	700 - 800		VC0184	160	7.9 U	7.9 U	7.9 U	7.9 UJ	38	21	7.9 U	7.9 U

Table B1-15. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Chloroethane (µg/kg-dw)	Chloroform (µg/kg-dw)	Chloromethane (µg/kg-dw)	Cis-1,3-dichloropropene (µg/kg-dw)	Dibromo-chloromethane (µg/kg-dw)	1,1-Dichloroethane (µg/kg-dw)	1,2-Dichloroethane (µg/kg-dw)	Cis-1,2-dichloroethene (µg/kg-dw)	Trans-1,2-dichloroethene (µg/kg-dw)
S304	8/9/2000	0 - 15		SF0052	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U
S304	8/9/2000	15 - 30		SF0053	8.5 U	8.5 U	8.5 UJ	8.5 U	8.5 U	8.5 U	8.5 U	8.5 U	8.5 U
S304	7/21/2000	30 - 100		VC0025	8.9 U	8.9 U	8.9 U	8.9 U	8.9 U	8.9 U	8.9 U	8.9 U	8.9 U
S304	7/21/2000	100 - 200		VC0026	9.7 U	9.7 U	9.7 U	9.7 U	9.7 U	9.7 U	9.7 U	9.7 U	9.7 U
S304	7/21/2000	200 - 300	D1	VC0027	11 U	11 U	11 U	11 U	11 U	11 U	11 U	3.2	11 U
S304	7/21/2000	200 - 300	D2	VC0201	11 U	11 U	11 U	11 U	11 U	11 U	11 U	3	11 U
S304	7/21/2000	300 - 400		VC0028	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
S304	7/21/2000	400 - 500		VC0029	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U
S304	7/21/2000	500 - 600		VC0030	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
S304	7/21/2000	600 - 700		VC0031	8.9 UJ	8.9 UJ	8.9 UJ	8.9 UJ	8.9 UJ	8.9 UJ	8.9 UJ	8.9 UJ	8.9 UJ
S304	7/21/2000	700 - 727		VC0032	9.7 UJ	9.7 UJ	9.7 UJ	9.7 UJ	9.7 UJ	9.7 UJ	9.7 UJ	9.7 UJ	9.7 UJ
S307	7/18/2000	0 - 15		VC0196	7.6 U	7.6 U	7.6 U	7.6 U	7.6 U	7.6 U	7.6 U	7.6 U	7.6 U
S307	7/18/2000	15 - 30		VC0197	7.7 U	7.7 U	7.7 U	7.7 U	7.7 U	7.7 U	7.7 U	7.7 U	7.7 U
S307	7/18/2000	30 - 100		VC0049	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U
S307	7/18/2000	100 - 200		VC0050	8.6 U	8.6 U	8.6 U	8.6 U	8.6 U	8.6 U	8.6 U	8.6 U	8.6 U
S307	7/18/2000	200 - 300		VC0051	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U
S307	7/18/2000	300 - 400		VC0052	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U
S307	7/18/2000	400 - 500		VC0053	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U
S307	7/18/2000	500 - 600		VC0054	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
S308	8/10/2000	0 - 15		SF0060	15 UJ	15 UJ	15 UJ	15 UJ	15 UJ	15 UJ	15 UJ	15 UJ	15 UJ
S308	8/10/2000	15 - 30		SF0061	13 UJ	13 UJ	13 UJ	13 UJ	13 UJ	13 UJ	13 UJ	13 UJ	13 UJ
S308	7/18/2000	30 - 100	D1	VC0057	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U
S308	7/18/2000	30 - 100	D2	VC0191	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U
S308	7/18/2000	100 - 200		VC0058	61 U	61 U	61 U	61 U	61 U	61 U	61 U	61 U	61 U
S308	7/18/2000	200 - 259		VC0059	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
S308	7/18/2000	259 - 359		VC0060	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U
S308	7/18/2000	359 - 459		VC0061	8.5 U	8.5 U	8.5 U	8.5 U	8.5 U	8.5 U	8.5 U	8.5 U	8.5 U
S308	7/18/2000	459 - 559		VC0062	7.9 U	7.9 U	7.9 U	7.9 U	7.9 U	7.9 U	7.9 U	7.9 U	7.9 U
S308	7/18/2000	559 - 593		VC0063	7.5 U	7.5 U	7.5 U	7.5 U	7.5 U	7.5 U	7.5 U	7.5 U	7.5 U
S309	8/14/2000	0 - 15		SF0062	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1500 U
S309	8/14/2000	15 - 30		SF0063	1,400 U	1,400 U	1,400 U	1,400 U	1,400 U	1,400 U	1,400 U	1,400 U	1400 U
S309	7/20/2000	30 - 74		VC0087	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U
S309	7/20/2000	74 - 174		VC0065	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ
S309	7/20/2000	174 - 274	D1	VC0066	76 UJ	76 UJ	76 UJ	76 UJ	76 UJ	76 UJ	76 UJ	76 UJ	76 UJ
S309	7/20/2000	174 - 274	D2	VC0192	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U
S309	7/20/2000	274 - 374		VC0067	78 U	78 U	78 U	78 U	78 U	78 U	78 U	78 U	78 U
S309	7/20/2000	374 - 474		VC0068	86 U	86 U	86 U	86 U	86 U	86 U	86 U	86 U	86 U
S309	7/20/2000	474 - 578		VC0069	80 UJ	80 UJ	80 UJ	80 UJ	80 UJ	80 UJ	80 UJ	80 UJ	80 UJ
S309	7/20/2000	578 - 627		VC0070	74 UJ	74 UJ	74 UJ	74 UJ	74 UJ	74 UJ	74 UJ	74 UJ	74 UJ
S309	7/20/2000	627 - 674		VC0071	92 U	92 U	92 U	92 U	92 U	92 U	92 U	92 U	92 U
S309	7/20/2000	674 - 696		VC0072	70 UJ	70 UJ	70 UJ	70 UJ	70 UJ	70 UJ	70 UJ	70 UJ	70 UJ
S309	7/20/2000	696 - 730		VC0209	13 UJ	13 UJ	13 UJ	13 UJ	13 UJ	13 UJ	13 UJ	13 UJ	13 UJ
S309	7/20/2000	730 - 789		VC0210	15 U	15 U	15 UJ	15 U	15 U	15 U	15 U	15 U	15 U
S310	8/14/2000	0 - 15		SF0064	16 U	16 U	16 UJ	16 U	16 U	16 U	16 U	16 U	16 U
S310	8/14/2000	15 - 30		SF0065	14 U	14 U	14 UJ	14 U	14 U	14 U	14 U	14 U	14 U
S310	7/20/2000	30 - 100		VC0073	57 U	57 U	57 U	57 U	57 U	57 U	57 U	57 U	57 U

Table B1-15. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Chloroethane (µg/kg-dw)	Chloroform (µg/kg-dw)	Chloromethane (µg/kg-dw)	Cis-1,3-dichloropropene (µg/kg-dw)	Dibromo-chloromethane (µg/kg-dw)	1,1-Dichloroethane (µg/kg-dw)	1,2-Dichloroethane (µg/kg-dw)	Cis-1,2-dichloroethene (µg/kg-dw)	Trans-1,2-dichloroethene (µg/kg-dw)
S310	7/20/2000	100 - 200		VC0074	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U	79 U
S310	7/20/2000	200 - 300		VC0075	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U
S310	7/20/2000	300 - 400	D1	VC0076	66 U	66 U	66 U	66 U	66 U	66 U	66 U	66 U	66 U
S310	7/20/2000	300 - 400	D2	VC0186	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
S310	7/20/2000	400 - 500		VC0077	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U
S310	7/20/2000	500 - 600		VC0078	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U
S310	7/20/2000	600 - 653		VC0079	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U
S310	7/20/2000	653 - 724		VC0080	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U
S311	7/20/2000	0 - 15		VC0207	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
S311	7/20/2000	15 - 30		VC0208	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U
S311	7/20/2000	30 - 100		VC0081	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
S311	7/20/2000	100 - 200		VC0082	16 UJ	16 UJ	16 UJ	16 UJ	16 UJ	16 UJ	16 UJ	16 UJ	16 UJ
S311	7/20/2000	200 - 300		VC0083	15 UJ	15 UJ	15 UJ	15 UJ	15 UJ	15 UJ	15 UJ	15 UJ	15 UJ
S311	7/20/2000	300 - 400		VC0084	16 UJ	16 UJ	16 UJ	16 UJ	16 UJ	16 UJ	16 UJ	16 UJ	16 UJ
S311	7/20/2000	400 - 500		VC0085	18 UJ	18 UJ	18 UJ	18 UJ	18 UJ	18 UJ	18 UJ	18 UJ	18 UJ
S311	7/20/2000	500 - 600		VC0086	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ
S312	8/14/2000	0 - 15		SF0068	14,000 U	14,000 U	14,000 U	14,000 U	14,000 U	14,000 U	14,000 U	14,000 U	14,000 U
S312	8/14/2000	15 - 30		SF0069	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U
S312	7/20/2000	30 - 100		VC0089	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U
S312	7/20/2000	100 - 200		VC0090	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U
S312	7/20/2000	200 - 300	D1	VC0091	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U
S312	7/20/2000	200 - 300	D2	VC0193	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U
S312	7/20/2000	300 - 400		VC0092	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U
S312	7/20/2000	400 - 500		VC0093	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
S312	7/20/2000	500 - 600		VC0094	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U
S312	7/20/2000	600 - 700		VC0095	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
S313	7/18/2000	0 - 15		VC0187	8.4 UJ	8.4 UJ	8.4 UJ	8.4 UJ	8.4 UJ	8.4 UJ	8.4 UJ	2.4 J	8.4 UJ
S313	7/18/2000	15 - 30		VC0188	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U
S313	7/18/2000	30 - 100	D1	VC0097	46 U	46 U	46 U	46 U	46 U	46 U	46 U	11	46 U
S313	7/18/2000	30 - 100	D2	VC0194	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	2.7	9.5 U	10	2.7
S313	7/18/2000	100 - 200		VC0098	47 U	47 U	47 U	47 U	47 U	47 U	47 U	47 U	47 U
S313	7/18/2000	200 - 300		VC0099	9.3 UJ	9.3 UJ	9.3 UJ	9.3 UJ	9.3 UJ	9.3 UJ	9.3 UJ	9.3 UJ	9.3 UJ
S313	7/18/2000	300 - 400		VC0100	8.5 U	8.5 U	8.5 U	8.5 U	8.5 U	8.5 U	8.5 U	8.5 U	8.5 U
S313	7/18/2000	400 - 500		VC0101	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U
S313	7/18/2000	500 - 600		VC0102	9 U	9 U	9 U	9 U	9 U	9 U	9 U	9 U	9 U
S313	7/18/2000	600 - 700		VC0103	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
S313	7/18/2000	700 - 800		VC0104	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U
S314	8/10/2000	0 - 15		SF0072	1,400 U	1,400 U	1,400 U	1,400 U	1,400 U	1,400 U	1,400 U	1,400 U	1,400 U
S314	8/10/2000	15 - 30		SF0073	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U
S314	7/19/2000	30 - 100	D1	VC0105	51 U	51 U	51 U	51 U	51 U	51 U	51 U	47	51 U
S314	7/19/2000	30 - 100	D2	VC0200	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	57 J	2.9 J
S314	7/19/2000	100 - 200		VC0106	49 U	49 U	49 U	49 U	49 U	49 U	49 U	15	49 U
S314	7/19/2000	200 - 300		VC0107	54 U	54 U	54 U	54 U	54 U	54 U	54 U	22	54 U
S314	7/19/2000	300 - 400		VC0108	48 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U
S314	7/19/2000	400 - 500		VC0109	9.7 UJ	9.7 UJ	9.7 UJ	9.7 UJ	9.7 UJ	9.7 UJ	9.7 UJ	9.7 UJ	9.7 UJ
S314	7/19/2000	500 - 600		VC0110	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U

Table B1-15. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Chloroethane (µg/kg-dw)	Chloroform (µg/kg-dw)	Chloromethane (µg/kg-dw)	Cis-1,3-dichloropropene (µg/kg-dw)	Dibromo-chloromethane (µg/kg-dw)	1,1-Dichloroethane (µg/kg-dw)	1,2-Dichloroethane (µg/kg-dw)	Cis-1,2-dichloroethene (µg/kg-dw)	Trans-1,2-dichloroethene (µg/kg-dw)
S314	7/19/2000	600 - 700		VC0111	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U	11 U
S314	7/19/2000	700 - 800		VC0112	9.9 U	9.9 U	9.9 U	9.9 U	9.9 U	9.9 U	9.9 U	9.9 U	9.9 U
S315	8/11/2000	0 - 15		SF0074	22 U	22 U	22 U	22 U	22 U	22 U	22 U	22 U	22 U
S315	8/14/2000	15 - 30		SF0075	19 U	19 U	19 UJ	19 U	19 U	19 U	19 U	19 U	19 U
S315	7/19/2000	30 - 100		VC0113	14 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U
S315	7/19/2000	100 - 200		VC0114	14 U	14 U	14 U	14 U	14 UJ	14 U	14 U	4.2	14 U
S315	7/19/2000	200 - 300		VC0115	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ	3.1 J	12 UJ
S315	7/19/2000	300 - 400		VC0116	11 UJ	11 UJ	11 UJ	11 UJ	11 UJ	11 UJ	11 UJ	11 UJ	11 UJ
S315	7/19/2000	400 - 500		VC0117	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
S315	7/19/2000	500 - 600		VC0118	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U
S315	7/19/2000	600 - 673		VC0119	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U
S315	7/19/2000	673 - 767		VC0120	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
S316	8/10/2000	0 - 15		SF0076	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U
S316	8/10/2000	15 - 30		SF0077	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U
S316	7/15/2000	30 - 102		VC0121	6.9 U	6.9 U	6.9 UJ	6.9 U	6.9 U	6.9 U	6.9 U	6.9 U	6.9 U
S316	7/15/2000	102 - 201		VC0122	8.8 U	8.8 U	8.8 UJ	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U
S316	7/15/2000	201 - 300		VC0123	9.6 U	9.6 U	9.6 UJ	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
S316	7/15/2000	300 - 400		VC0124	9.8 U	9.8 U	9.8 UJ	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
S316	7/15/2000	400 - 500		VC0125	9.9 U	9.9 U	9.9 UJ	9.9 U	9.9 U	9.9 U	9.9 U	9.9 U	9.9 U
S316	7/15/2000	500 - 600		VC0126	9.3 UJ	9.3 UJ	9.3 UJ	9.3 UJ	9.3 UJ	9.3 UJ	9.3 UJ	9.3 UJ	9.3 UJ
S316	7/15/2000	600 - 700		VC0127	9.1 U	9.1 U	9.1 UJ	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U
S316	7/15/2000	700 - 800		VC0128	8.7 U	8.7 U	8.7 UJ	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U
S317	8/11/2000	0 - 15		SF0078	14 UJ	14 UJ	14 UJ	14 UJ	14 UJ	14 UJ	14 UJ	14 UJ	14 UJ
S317	8/4/2000	15 - 30		SF0079	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ
S317	7/15/2000	30 - 100		VC0129	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ	3.3 J	12 UJ
S317	7/15/2000	100 - 200		VC0130	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
S317	7/15/2000	200 - 300		VC0131	9 UJ	9 UJ	9 UJ	9 UJ	9 UJ	9 UJ	9 UJ	9 UJ	9 UJ
S317	7/15/2000	300 - 400		VC0132	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ
S317	7/15/2000	400 - 500		VC0133	8.8 UJ	8.8 UJ	8.8 UJ	8.8 UJ	8.8 UJ	8.8 UJ	8.8 UJ	8.8 UJ	8.8 UJ
S317	7/15/2000	500 - 600		VC0134	9.5 UJ	9.5 UJ	9.5 UJ	9.5 UJ	9.5 UJ	9.5 UJ	9.5 UJ	9.5 UJ	9.5 UJ
S317	7/15/2000	600 - 700		VC0135	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U
S318	7/14/2000	0 - 15		VC0189	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U
S318	7/14/2000	15 - 30		VC0190	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U
S318	7/14/2000	30 - 100		VC0137	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U
S318	7/14/2000	100 - 200		VC0138	8.3 U	8.3 U	8.3 U	8.3 U	8.3 U	8.3 U	8.3 U	8.3 U	8.3 U
S318	7/14/2000	200 - 300		VC0139	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U
S318	7/14/2000	300 - 400		VC0140	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U
S318	7/14/2000	400 - 500		VC0141	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
S318	7/14/2000	500 - 600		VC0142	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ
S318	7/14/2000	600 - 700		VC0143	8.9 UJ	8.9 UJ	8.9 UJ	8.9 UJ	8.9 UJ	8.9 UJ	8.9 UJ	8.9 UJ	8.9 UJ
S318	7/14/2000	700 - 800		VC0144	8.7 UJ	8.7 UJ	8.7 UJ	8.7 UJ	8.7 UJ	8.7 UJ	8.7 UJ	8.7 UJ	8.7 UJ
S319	8/4/2000	0 - 15		SF0082	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ
S319	8/4/2000	15 - 30		SF0083	11 UJ	11 UJ	11 UJ	11 UJ	11 UJ	11 UJ	11 UJ	11 UJ	11 UJ
S319	7/14/2000	30 - 100		VC0145	11 U	11 U	11 U	11 U	11 UJ	11 U	11 U	2.7	11 U
S319	7/14/2000	100 - 200		VC0146	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S319	7/14/2000	200 - 300		VC0147	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U

Table B1-15. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Chloroethane (µg/kg-dw)	Chloroform (µg/kg-dw)	Chloromethane (µg/kg-dw)	Cis-1,3-dichloropropene (µg/kg-dw)	Dibromo-chloromethane (µg/kg-dw)	1,1-Dichloroethane (µg/kg-dw)	1,2-Dichloroethane (µg/kg-dw)	Cis-1,2-dichloroethene (µg/kg-dw)	Trans-1,2-dichloroethene (µg/kg-dw)
S319	7/14/2000	300 - 400		VC0148	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ
S319	7/14/2000	400 - 500		VC0149	8.9 U	8.9 U	8.9 U	8.9 U	8.9 U	8.9 U	8.9 U	8.9 U	8.9 U
S319	7/14/2000	500 - 600		VC0150	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U
S319	7/14/2000	600 - 700		VC0151	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U
S319	7/14/2000	700 - 800		VC0152	8.9 U	8.9 U	8.9 U	8.9 U	8.9 U	8.9 U	8.9 U	8.9 U	8.9 U
S320	8/13/2000	0 - 15		SF0084	16 U	16 U	16 U	16 U	16 U	16 U	16 U	16 U	16 U
S320	8/14/2000	15 - 30		SF0085	16 U	16 U	16 UJ	16 U	16 U	16 U	16 U	16 U	16 U
S320	7/13/2000	30 - 100		VC0153	13 U	13 U	13 U	13 U	13 UJ	2.9	13 U	13 U	13 U
S320	7/13/2000	100 - 200		VC0154	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U	13 U
S320	7/13/2000	200 - 300		VC0155	52 U	52 U	52 U	52 U	52 U	52 U	52 U	52 U	52 U
S320	7/13/2000	300 - 400		VC0156	48 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U
S320	7/13/2000	400 - 500		VC0157	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ
S320	7/13/2000	500 - 600		VC0158	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ
S320	7/13/2000	600 - 700		VC0159	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ
S321	8/4/2000	0 - 15		SF0086	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
S321	8/4/2000	15 - 30		SF0087	6.9 U	6.9 U	6.9 U	6.9 U	6.9 U	6.9 U	6.9 U	6.9 U	6.9 U
S321	7/13/2000	30 - 100		VC0161	6.7 UJ	6.7 UJ	6.7 UJ	6.7 UJ	6.7 UJ	6.7 UJ	6.7 UJ	6.7 UJ	6.7 UJ
S321	7/13/2000	100 - 200		VC0162	7.4 UJ	7.4 UJ	7.4 UJ	7.4 UJ	7.4 UJ	7.4 UJ	7.4 UJ	7.4 UJ	7.4 UJ
S321	7/13/2000	200 - 300		VC0163	7.5 UJ	7.5 UJ	7.5 UJ	7.5 UJ	7.5 UJ	7.5 UJ	7.5 UJ	7.5 UJ	7.5 UJ
S321	7/13/2000	300 - 400		VC0164	7.8 UJ	7.8 UJ	7.8 UJ	7.8 UJ	7.8 UJ	7.8 UJ	7.8 UJ	7.8 UJ	7.8 UJ
S321	7/13/2000	400 - 500		VC0165	7.8 UJ	7.8 UJ	7.8 UJ	7.8 UJ	7.8 UJ	7.8 UJ	7.8 UJ	7.8 UJ	7.8 UJ
S321	7/13/2000	500 - 560		VC0166	8.2 UJ	8.2 UJ	8.2 UJ	8.2 UJ	8.2 UJ	8.2 UJ	8.2 UJ	8.2 UJ	8.2 UJ
S321	7/13/2000	560 - 600		VC0167B	8.4 UJ	8.4 UJ	8.4 UJ	8.4 UJ	8.4 UJ	8.4 UJ	8.4 UJ	8.4 UJ	8.4 UJ
S321	7/13/2000	600 - 700		VC0167	8.7 UJ	8.7 UJ	8.7 UJ	8.7 UJ	8.7 UJ	8.7 UJ	8.7 UJ	8.7 UJ	8.7 UJ
S321	7/13/2000	700 - 800		VC0168	8.6 UJ	8.6 UJ	8.6 UJ	8.6 UJ	8.6 UJ	8.6 UJ	8.6 UJ	8.6 UJ	8.6 UJ
S322	8/10/2000	0 - 15		SF0088	52 U	52 U	52 U	52 U	52 U	52 U	52 U	52 U	52 U
S322	8/10/2000	15 - 30		SF0089	48 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U	48 U
S322	7/13/2000	30 - 100		VC0169	11 U	11 U	11 U	11 U	11 UJ	11 U	11 U	11 U	11 U
S322	7/13/2000	100 - 200		VC0170	7.7 U	7.7 U	7.7 U	7.7 U	7.7 U	7.7 U	7.7 U	7.7 U	7.7 U
S322	7/13/2000	200 - 300		VC0171	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U
S322	7/13/2000	300 - 400		VC0172	8.3 UJ	8.3 UJ	8.3 UJ	8.3 UJ	8.3 UJ	8.3 UJ	8.3 UJ	8.3 UJ	8.3 UJ
S322	7/13/2000	400 - 500	D1	VC0173	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U
S322	7/13/2000	400 - 500	D2	VC0185	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U
S322	7/13/2000	500 - 600		VC0174	8 UJ	8 UJ	8 UJ	8 UJ	8 UJ	8 UJ	8 UJ	8 UJ	8 UJ
S322	7/13/2000	600 - 700		VC0175	7.8 U	7.8 U	7.8 U	7.8 U	7.8 U	7.8 U	7.8 U	7.8 U	7.8 U
S322	7/13/2000	700 - 800		VC0176	7.4 U	7.4 U	7.4 U	7.4 U	7.4 U	7.4 U	7.4 U	7.4 U	7.4 U
S323	8/13/2000	0 - 15		SF0090	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
S323	8/4/2000	15 - 30		SF0091	26 UJ	26 UJ	26 UJ	26 UJ	26 UJ	26 UJ	26 UJ	26 UJ	26 UJ
S323	7/12/2000	30 - 100		VC0177	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U
S323	7/12/2000	100 - 200		VC0178	49 U	49 U	49 U	49 U	49 U	49 U	49 U	49 U	49 U
S323	7/12/2000	200 - 300		VC0179	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
S323	7/12/2000	300 - 400		VC0180	9.2 U	9.2 U	9.2 U	9.2 U	9.2 U	9.2 U	9.2 U	9.2 U	9.2 U
S323	7/12/2000	400 - 500		VC0181	8.9 U	8.9 U	8.9 U	8.9 U	8.9 U	8.9 U	8.9 U	8.9 U	8.9 U
S323	7/12/2000	500 - 600		VC0182	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U
S323	7/12/2000	600 - 700		VC0183	8 U	8 U	8 U	8 U	8 U	8 U	8 U	8 U	8 U
S323	7/12/2000	700 - 800		VC0184	7.9 U	7.9 U	7.9 U	7.9 U	7.9 U	7.9 U	7.9 U	7.9 U	7.9 U

Table B1-15. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	1,2-Dichloropropane (µg/kg-dw)	Ethylbenzene (µg/kg-dw)	2-Hexanone (µg/kg-dw)	4-Methyl-2-pentanone (µg/kg-dw)	Methylene chloride (µg/kg-dw)	1,1-Dichloroethene (µg/kg-dw)	Styrene (µg/kg-dw)	1,1,2,2-Tetrachloro-ethane (µg/kg-dw)	Tetrachloro-ethene (µg/kg-dw)
S304	8/9/2000	0 - 15		SF0052	8.7 U	8.7 U	17 U	17 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U
S304	8/9/2000	15 - 30		SF0053	8.5 U	24	17 U	17 U	8.5 U	8.5 U	8.5 U	8.5 U	8.5 U
S304	7/21/2000	30 - 100		VC0025	8.9 U	27	18 U	18 U	8.9 U	8.9 U	8.9 U	8.9 U	8.9 U
S304	7/21/2000	100 - 200		VC0026	9.7 U	81	19 U	19 U	9.7 U	9.7 U	9.7 U	9.7 U	9.7 U
S304	7/21/2000	200 - 300	D1	VC0027	11 U	140	23 U	23 U	11 U	11 U	11 U	11 U	11 U
S304	7/21/2000	200 - 300	D2	VC0201	11 U	100	21 U	21 U	11 U	11 U	11 U	11 U	11 U
S304	7/21/2000	300 - 400		VC0028	10 U	18	20 U	20 U	10 U	10 U	10 U	10 U	10 U
S304	7/21/2000	400 - 500		VC0029	9.5 U	9.5 U	19 U	19 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U
S304	7/21/2000	500 - 600		VC0030	10 U	10 U	20 U	20 U	10 U	10 U	10 U	10 U	10 U
S304	7/21/2000	600 - 700		VC0031	8.9 UJ	8.9 UJ	18 UJ	18 UJ	8.9 UJ	8.9 UJ	8.9 UJ	8.9 UJ	8.9 UJ
S304	7/21/2000	700 - 727		VC0032	9.7 UJ	9.7 UJ	19 UJ	19 UJ	9.7 UJ	9.7 UJ	9.7 UJ	9.7 UJ	9.7 UJ
S307	7/18/2000	0 - 15		VC0196	7.6 U	7.6 U	15 U	15 U	7.6 U	7.6 U	7.6 U	7.6 U	7.6 U
S307	7/18/2000	15 - 30		VC0197	7.7 U	7.7 U	15 U	15 U	7.7 U	7.7 U	7.7 U	7.7 U	7.7 U
S307	7/18/2000	30 - 100		VC0049	8.7 U	4.8	17 U	17 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U
S307	7/18/2000	100 - 200		VC0050	8.6 U	8.6 U	17 U	17 U	8.6 U	8.6 U	8.6 U	8.6 U	8.6 U
S307	7/18/2000	200 - 300		VC0051	8.8 U	8.8 U	18 U	18 U	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U
S307	7/18/2000	300 - 400		VC0052	9.1 U	9.1 U	18 U	18 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U
S307	7/18/2000	400 - 500		VC0053	6.3 U	6.3 U	13 U	13 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U
S307	7/18/2000	500 - 600		VC0054	6 U	6 U	12 U	12 U	6 U	6 U	6 U	6 U	6 U
S308	8/10/2000	0 - 15		SF0060	15 UJ	15 UJ	30 UJ	30 UJ	15 UJ	15 UJ	15 UJ	15 UJ	15 UJ
S308	8/10/2000	15 - 30		SF0061	13 UJ	13 UJ	26 UJ	26 UJ	13 UJ	13 UJ	13 UJ	13 UJ	13 UJ
S308	7/18/2000	30 - 100	D1	VC0057	15 U	4.2	30 U	30 U	15 U	15 U	15 U	15 U	15 U
S308	7/18/2000	30 - 100	D2	VC0191	15 U	5.8	30 U	30 U	15 U	15 U	15 U	15 U	15 U
S308	7/18/2000	100 - 200		VC0058	61 U	360	120 U	120 U	61 U	61 U	61 U	61 U	61 U
S308	7/18/2000	200 - 259		VC0059	11 U	17	22 U	22 U	11 U	11 U	11 U	11 U	11 U
S308	7/18/2000	259 - 359		VC0060	9.1 U	9.1 U	18 U	18 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U
S308	7/18/2000	359 - 459		VC0061	8.5 U	8.5 U	17 U	17 U	8.5 U	8.5 U	8.5 U	8.5 U	8.5 U
S308	7/18/2000	459 - 559		VC0062	7.9 U	7.9 U	16 U	16 U	7.9 U	7.9 U	7.9 U	7.9 U	7.9 U
S308	7/18/2000	559 - 593		VC0063	7.5 U	7.5 U	15 U	15 U	7.5 U	7.5 U	7.5 U	7.5 U	7.5 U
S309	8/14/2000	0 - 15		SF0062	1,500 U	7,000	3,000 U	3,000 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U
S309	8/14/2000	15 - 30		SF0063	1,400 U	6,900	2,900 U	2,900 U	1,400 U	1,400 U	1,400 U	1,400 U	1,400 U
S309	7/20/2000	30 - 74		VC0087	1,500 U	6,100	2,900 U	2,900 U	1,500 U	1,500 U	8,200	1,500 U	1,500 U
S309	7/20/2000	74 - 174		VC0065	55 UJ	6,000	110 UJ	110 UJ	55 UJ	55 UJ	5,100	55 UJ	55 UJ
S309	7/20/2000	174 - 274	D1	VC0066	76 UJ	2,700 J	150 UJ	150 UJ	76 UJ	76 UJ	76 UJ	76 UJ	76 UJ
S309	7/20/2000	174 - 274	D2	VC0192	1,900 U	1,700	3,800 U	3,800 U	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U
S309	7/20/2000	274 - 374		VC0067	78 U	910	160 U	160 U	78 U	78 U	78 U	78 U	78 U
S309	7/20/2000	374 - 474		VC0068	86 U	220	170 U	170 U	86 U	86 U	150	86 U	86 U
S309	7/20/2000	474 - 578		VC0069	80 UJ	640 J	160 UJ	160 UJ	80 UJ	80 UJ	420 J	80 UJ	80 UJ
S309	7/20/2000	578 - 627		VC0070	74 UJ	1,200 J	150 UJ	150 UJ	74 UJ	74 UJ	680 J	74 UJ	74 UJ
S309	7/20/2000	627 - 674		VC0071	92 U	440	180 U	180 U	92 U	92 U	270	92 U	92 U
S309	7/20/2000	674 - 696		VC0072	70 UJ	510 J	140 UJ	140 UJ	70 UJ	70 UJ	280 J	70 UJ	70 UJ
S309	7/20/2000	696 - 730		VC0209	13 UJ	90 J	26 UJ	26 UJ	13 UJ	13 UJ	62 J	13 UJ	13 UJ
S309	7/20/2000	730 - 789		VC0210	15 U	27	30 U	30 U	15 U	15 U	20	15 U	15 U
S310	8/14/2000	0 - 15		SF0064	16 U	8.4	31 U	31 U	16 U	16 U	16 U	16 U	16 U
S310	8/14/2000	15 - 30		SF0065	14 U	9.8	29 U	29 U	14 U	14 U	14 U	14 U	14 U
S310	7/20/2000	30 - 100		VC0073	57 U	1,700	110 U	110 U	57 U	57 U	820	57 U	57 U

Table B1-15. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	1,2-Dichloropropane (µg/kg-dw)	Ethylbenzene (µg/kg-dw)	2-Hexanone (µg/kg-dw)	4-Methyl-2-pentanone (µg/kg-dw)	Methylene chloride (µg/kg-dw)	1,1-Dichloroethene (µg/kg-dw)	Styrene (µg/kg-dw)	1,1,2,2-Tetrachloroethane (µg/kg-dw)	Tetrachloroethene (µg/kg-dw)
S310	7/20/2000	100 - 200		VC0074	79 U	1,100	160 U	160 U	79 U	79 U	4,700	79 U	79 U
S310	7/20/2000	200 - 300		VC0075	1,800 U	3,400	3,500 U	3,500 U	1,800 U	1,800 U	12,000	1,800 U	1,800 U
S310	7/20/2000	300 - 400	D1	VC0076	66 U	7,400	130 U	130 U	66 U	66 U	7,400	66 U	66 U
S310	7/20/2000	300 - 400	D2	VC0186	1,700 U	6,400	3,300 U	3,300 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
S310	7/20/2000	400 - 500		VC0077	1,800 U	1,700	3,600 U	3,600 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U
S310	7/20/2000	500 - 600		VC0078	1,500 U	650	3,000 U	3,000 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U
S310	7/20/2000	600 - 653		VC0079	1,500 U	1,300	3,000 U	3,000 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U
S310	7/20/2000	653 - 724		VC0080	1,200 U	11,000	2,500 U	2,500 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U
S311	7/20/2000	0 - 15		VC0207	1,700 U	1,400	3,300 UJ	3,300 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
S311	7/20/2000	15 - 30		VC0208	1,500 U	1,200	3,000 UJ	3,000 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U
S311	7/20/2000	30 - 100		VC0081	1,700 U	870	3,400 U	3,400 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U
S311	7/20/2000	100 - 200		VC0082	16 UJ	13 J	4.5 J	4.5 J	16 UJ	16 UJ	16 UJ	16 UJ	16 UJ
S311	7/20/2000	200 - 300		VC0083	15 UJ	15 UJ	3.7 J	4 J	15 UJ	15 UJ	15 UJ	15 UJ	15 UJ
S311	7/20/2000	300 - 400		VC0084	16 UJ	16 UJ	3.6 J	3.6 J	16 UJ	16 UJ	16 UJ	16 UJ	16 UJ
S311	7/20/2000	400 - 500		VC0085	18 UJ	18 UJ	6.5 J	6.9 J	18 UJ	18 UJ	18 UJ	18 UJ	18 UJ
S311	7/20/2000	500 - 600		VC0086	20 UJ	20 UJ	4.4 J	5.6 J	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ
S312	8/14/2000	0 - 15		SF0068	14,000 U	6,000	29,000 U	29,000 U	14,000 U	14,000 U	4,800	14,000 U	14,000 U
S312	8/14/2000	15 - 30		SF0069	1,200 U	1,900	2400 U	2,400 U	1,200 U	1,200 U	990	1,200 U	1,200 U
S312	7/20/2000	30 - 100		VC0089	1,500 U	1,300	3,000 U	3,000 U	1,500 U	1,500 U	2,600	1,500 U	1,500 U
S312	7/20/2000	100 - 200		VC0090	1,800 U	2,000	3,700 U	3,700 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U
S312	7/20/2000	200 - 300	D1	VC0091	1,800 U	3,400	3,600 U	3,600 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U
S312	7/20/2000	200 - 300	D2	VC0193	1,800 U	1,300	3,700 U	3,700 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U
S312	7/20/2000	300 - 400		VC0092	1,800 U	29,000	3,600 U	3,600 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U
S312	7/20/2000	400 - 500		VC0093	1,600 U	15,000	3,300 U	3,300 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
S312	7/20/2000	500 - 600		VC0094	1,500 U	4,900	3,000 U	3,000 U	1,500 U	1,500 U	3,200	1,500 U	1,500 U
S312	7/20/2000	600 - 700		VC0095	1,700 U	1,600	3,300 U	3,300 U	1,700 U	1,700 U	1,000	1,700 U	1,700 U
S313	7/18/2000	0 - 15		VC0187	8.4 UJ	66 J	17 UJ	17 UJ	8.4 UJ	8.4 UJ	8.4 UJ	8.4 UJ	3 J
S313	7/18/2000	15 - 30		VC0188	6.2 U	12	12 U	12 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U
S313	7/18/2000	30 - 100	D1	VC0097	12	2,200	91 U	91 U	46 U	46 U	46 U	46 U	46 U
S313	7/18/2000	30 - 100	D2	VC0194	8	2,500	19 U	19 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U
S313	7/18/2000	100 - 200		VC0098	47 U	1,100	93 U	93 U	47 U	47 U	47 U	47 U	47 U
S313	7/18/2000	200 - 300		VC0099	9.3 UJ	13 J	19 UJ	19 UJ	9.3 UJ	9.3 UJ	9.3 UJ	9.3 UJ	9.3 UJ
S313	7/18/2000	300 - 400		VC0100	8.5 U	11	17 U	17 U	8.5 U	8.5 U	8.5 U	8.5 U	8.5 U
S313	7/18/2000	400 - 500		VC0101	9.4 U	9.4 U	19 U	19 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U
S313	7/18/2000	500 - 600		VC0102	9 U	9 U	18 U	18 U	9 U	9 U	9 U	9 U	9 U
S313	7/18/2000	600 - 700		VC0103	10 U	10 U	20 U	20 U	10 U	10 U	10 U	10 U	10 U
S313	7/18/2000	700 - 800		VC0104	9.3 U	9.3 U	19 U	19 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U
S314	8/10/2000	0 - 15		SF0072	1,400 U	4,300	2,700 U	2,700 U	1,400 U	1,400 U	1,400 U	1,400 U	1,400 U
S314	8/10/2000	15 - 30		SF0073	1,500 U	5,600	2,900 U	2,900 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U
S314	7/19/2000	30 - 100	D1	VC0105	51 U	3,400	100 U	100 U	51 U	51 U	51 U	51 U	51 U
S314	7/19/2000	30 - 100	D2	VC0200	10 UJ	4,500	20 UJ	20 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
S314	7/19/2000	100 - 200		VC0106	49 U	3,700	97 U	97 U	49 U	49 U	49 U	49 U	49 U
S314	7/19/2000	200 - 300		VC0107	54 U	7,100	110 U	110 U	54 U	54 U	54 U	54 U	54 U
S314	7/19/2000	300 - 400		VC0108	48 U	98	97 U	97 U	48 U	48 U	48 U	48 U	48 U
S314	7/19/2000	400 - 500		VC0109	9.7 UJ	23 J	19 UJ	19 UJ	9.7 UJ	9.7 UJ	9.7 UJ	9.7 UJ	9.7 UJ
S314	7/19/2000	500 - 600		VC0110	9.4 U	13	19 UJ	19 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U

Table B1-15. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	1,2-Dichloropropane (µg/kg-dw)	Ethylbenzene (µg/kg-dw)	2-Hexanone (µg/kg-dw)	4-Methyl-2-pentanone (µg/kg-dw)	Methylene chloride (µg/kg-dw)	1,1-Dichloroethene (µg/kg-dw)	Styrene (µg/kg-dw)	1,1,2,2-Tetrachloro-ethane (µg/kg-dw)	Tetrachloro-ethene (µg/kg-dw)
S314	7/19/2000	600 - 700		VC0111	11 U	2.8	22 UJ	22 U	11 U	11 U	11 U	11 U	11 U
S314	7/19/2000	700 - 800		VC0112	9.9 U	9.9 U	20 UJ	20 U	9.9 U	9.9 U	9.9 U	9.9 U	9.9 U
S315	8/11/2000	0 - 15		SF0074	22 U	12	44 U	44 U	22 U	22 U	22 U	22 U	22 U
S315	8/14/2000	15 - 30		SF0075	19 U	19 U	39 U	39 U	19 U	19 U	19 U	19 U	19 U
S315	7/19/2000	30 - 100		VC0113	14 U	5.2	28 UJ	28 U	14 U	14 U	14 U	14 U	14 U
S315	7/19/2000	100 - 200		VC0114	14 U	360 J	28 UJ	28 U	14 U	14 U	14 UJ	14 UJ	14 UJ
S315	7/19/2000	200 - 300		VC0115	12 UJ	720	24 UJ	24 UJ	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ
S315	7/19/2000	300 - 400		VC0116	11 UJ	210 J	22 UJ	22 UJ	11 UJ	11 UJ	11 UJ	11 UJ	11 UJ
S315	7/19/2000	400 - 500		VC0117	10 U	99	21 UJ	21 U	10 U	10 U	10 U	10 U	10 U
S315	7/19/2000	500 - 600		VC0118	9.5 U	9.3	19 U	19 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U
S315	7/19/2000	600 - 673		VC0119	8.8 U	8.8 U	18 U	18 U	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U
S315	7/19/2000	673 - 767		VC0120	9.6 U	9.6 U	19 U	19 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
S316	8/10/2000	0 - 15		SF0076	6.4 U	6.4 U	13 U	13 U	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U
S316	8/10/2000	15 - 30		SF0077	6.4 U	6.4 U	13 U	13 U	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U
S316	7/15/2000	30 - 102		VC0121	6.9 U	6.9 U	14 U	14 U	6.9 U	6.9 U	6.9 U	6.9 U	6.9 U
S316	7/15/2000	102 - 201		VC0122	8.8 U	8.8 U	18 U	18 U	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U
S316	7/15/2000	201 - 300		VC0123	9.6 U	9.6 U	19 U	19 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
S316	7/15/2000	300 - 400		VC0124	9.8 U	9.8 U	20 U	20 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
S316	7/15/2000	400 - 500		VC0125	9.9 U	9.9 U	20 U	20 U	9.9 U	9.9 U	9.9 U	9.9 U	9.9 U
S316	7/15/2000	500 - 600		VC0126	9.3 UJ	9.3 UJ	19 UJ	19 UJ	9.3 UJ	9.3 UJ	9.3 UJ	9.3 UJ	9.3 UJ
S316	7/15/2000	600 - 700		VC0127	9.1 U	9.1 U	18 U	18 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U
S316	7/15/2000	700 - 800		VC0128	8.7 U	8.7 U	17 U	17 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U
S317	8/11/2000	0 - 15		SF0078	14 UJ	14 UJ	27 UJ	27 UJ	14 UJ	14 UJ	14 UJ	14 UJ	14 UJ
S317	8/4/2000	15 - 30		SF0079	12 UJ	12 UJ	23 UJ	23 UJ	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ
S317	7/15/2000	30 - 100		VC0129	2.6 J	19 J	24 UJ	24 UJ	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ
S317	7/15/2000	100 - 200		VC0130	10 U	2.9	21 U	21 U	10 U	10 U	10 U	10 U	10 U
S317	7/15/2000	200 - 300		VC0131	9 UJ	81 J	18 UJ	18 UJ	9 UJ	9 UJ	9 UJ	9 UJ	9 UJ
S317	7/15/2000	300 - 400		VC0132	9.4 UJ	260 J	19 UJ	19 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ
S317	7/15/2000	400 - 500		VC0133	8.8 UJ	51 J	18 UJ	18 UJ	8.8 UJ	8.8 UJ	8.8 UJ	8.8 UJ	8.8 UJ
S317	7/15/2000	500 - 600		VC0134	9.5 UJ	9.5 UJ	19 UJ	19 UJ	9.5 UJ	9.5 UJ	9.5 UJ	9.5 UJ	9.5 UJ
S317	7/15/2000	600 - 700		VC0135	8.7 U	8.7 U	17 U	17 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U
S318	7/14/2000	0 - 15		VC0189	6.2 U	6.2 U	12 U	12 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U
S318	7/14/2000	15 - 30		VC0190	6.3 U	6.3 U	13 U	13 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U
S318	7/14/2000	30 - 100		VC0137	6.3 U	1.5	13 U	13 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U
S318	7/14/2000	100 - 200		VC0138	8.3 U	2	17 U	17 U	8.3 U	8.3 U	8.3 U	8.3 U	8.3 U
S318	7/14/2000	200 - 300		VC0139	9.3 U	9.3 U	19 U	19 U	9.3 U	9.3 U	9.3 U	9.3 U	2.2
S318	7/14/2000	300 - 400		VC0140	9.4 U	9.4 U	19 U	19 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U
S318	7/14/2000	400 - 500		VC0141	10 U	10 U	20 U	20 U	10 U	10 U	10 U	10 U	10 U
S318	7/14/2000	500 - 600		VC0142	9.4 UJ	9.4 UJ	19 UJ	19 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ
S318	7/14/2000	600 - 700		VC0143	8.9 UJ	8.9 UJ	3.2 J	6.4 J	8.9 UJ	8.9 UJ	8.9 UJ	8.9 UJ	8.9 UJ
S318	7/14/2000	700 - 800		VC0144	8.7 UJ	8.7 UJ	7.3 J	8 J	8.7 UJ	8.7 UJ	8.7 UJ	8.7 UJ	8.7 UJ
S319	8/4/2000	0 - 15		SF0082	12 UJ	12 UJ	23 UJ	23 UJ	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ
S319	8/4/2000	15 - 30		SF0083	11 UJ	11 UJ	22 UJ	22 UJ	11 UJ	11 UJ	11 UJ	11 UJ	11 UJ
S319	7/14/2000	30 - 100		VC0145	11 U	9.5 J	21 UJ	21 U	11 U	11 U	11 UJ	11 UJ	11 UJ
S319	7/14/2000	100 - 200		VC0146	50 U	3,200	100 U	100 U	50 U	50 U	50 U	50 U	50 U
S319	7/14/2000	200 - 300		VC0147	9.6 U	310	19 U	19 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U

Table B1-15. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	1,2-Dichloropropane (µg/kg-dw)	Ethylbenzene (µg/kg-dw)	2-Hexanone (µg/kg-dw)	4-Methyl-2-pentanone (µg/kg-dw)	Methylene chloride (µg/kg-dw)	1,1-Dichloroethene (µg/kg-dw)	Styrene (µg/kg-dw)	1,1,2,2-Tetrachloro-ethane (µg/kg-dw)	Tetrachloro-ethene (µg/kg-dw)
S319	7/14/2000	300 - 400		VC0148	9.4 UJ	68 J	19 UJ	19 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ
S319	7/14/2000	400 - 500		VC0149	8.9 U	8.9 U	18 U	18 U	8.9 U	8.9 U	8.9 U	8.9 U	8.9 U
S319	7/14/2000	500 - 600		VC0150	9.1 U	9.1 U	18 U	18 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U
S319	7/14/2000	600 - 700		VC0151	9.1 U	9.1 U	18 U	18 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U
S319	7/14/2000	700 - 800		VC0152	8.9 U	8.9 U	18 U	3	8.9 U	8.9 U	8.9 U	8.9 U	8.9 U
S320	8/13/2000	0 - 15		SF0084	16 U	4.5	32 U	32 U	16 U	16 U	16 U	16 U	16 U
S320	8/14/2000	15 - 30		SF0085	16 U	16 U	32 U	32 U	16 U	16 U	16 U	16 U	16 U
S320	7/13/2000	30 - 100		VC0153	13 U	8.5 J	26 UJ	26 U	13 U	13 U	13 UJ	13 UJ	13 UJ
S320	7/13/2000	100 - 200		VC0154	13 U	44	26 U	26 U	13 U	13 U	13 U	13 U	13 U
S320	7/13/2000	200 - 300		VC0155	52 U	1,500	100 U	100 U	52 U	52 U	52 U	52 U	52 U
S320	7/13/2000	300 - 400		VC0156	48 U	40,000	95 U	95 U	48 U	48 U	48 U	48 U	48 U
S320	7/13/2000	400 - 500		VC0157	9.4 UJ	81 J	19 UJ	19 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ
S320	7/13/2000	500 - 600		VC0158	9.4 UJ	9.4 UJ	19 UJ	19 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ
S320	7/13/2000	600 - 700		VC0159	9.4 UJ	9.4 UJ	19 UJ	19 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ
S321	8/4/2000	0 - 15		SF0086	7 U	7 U	14 U	14 U	7 U	7 U	7 U	7 U	7 U
S321	8/4/2000	15 - 30		SF0087	6.9 U	6.9 U	14 U	14 U	6.9 U	6.9 U	6.9 U	6.9 U	6.9 U
S321	7/13/2000	30 - 100		VC0161	6.7 UJ	6.7 UJ	13 UJ	13 UJ	6.7 UJ	6.7 UJ	6.7 UJ	6.7 UJ	6.7 UJ
S321	7/13/2000	100 - 200		VC0162	7.4 UJ	7.4 UJ	15 UJ	15 UJ	7.4 UJ	7.4 UJ	7.4 UJ	7.4 UJ	7.4 UJ
S321	7/13/2000	200 - 300		VC0163	7.5 UJ	7.5 UJ	15 UJ	15 UJ	7.5 UJ	7.5 UJ	7.5 UJ	7.5 UJ	7.5 UJ
S321	7/13/2000	300 - 400		VC0164	7.8 UJ	7.8 UJ	16 UJ	16 UJ	7.8 UJ	7.8 UJ	7.8 UJ	7.8 UJ	7.8 UJ
S321	7/13/2000	400 - 500		VC0165	7.8 UJ	7.8 UJ	16 UJ	16 UJ	7.8 UJ	7.8 UJ	7.8 UJ	7.8 UJ	7.8 UJ
S321	7/13/2000	500 - 560		VC0166	8.2 UJ	8.2 UJ	16 UJ	16 UJ	8.2 UJ	8.2 UJ	8.2 UJ	8.2 UJ	8.2 UJ
S321	7/13/2000	560 - 600		VC0167B	8.4 UJ	8.4 UJ	17 UJ	17 UJ	8.4 UJ	8.4 UJ	8.4 UJ	8.4 UJ	8.4 UJ
S321	7/13/2000	600 - 700		VC0167	8.7 UJ	8.7 UJ	17 UJ	6.1 J	8.7 UJ	8.7 UJ	8.7 UJ	8.7 UJ	8.7 UJ
S321	7/13/2000	700 - 800		VC0168	8.6 UJ	8.6 UJ	6 J	12 J	8.6 UJ	8.6 UJ	8.6 UJ	8.6 UJ	8.6 UJ
S322	8/10/2000	0 - 15		SF0088	52 U	330	100 U	100 U	52 U	52 U	52 U	52 U	52 U
S322	8/10/2000	15 - 30		SF0089	48 U	480	97 U	97 U	48 U	48 U	48 U	48 U	48 U
S322	7/13/2000	30 - 100		VC0169	11 U	12 J	22 UJ	22 U	11 U	11 U	11 UJ	11 UJ	11 UJ
S322	7/13/2000	100 - 200		VC0170	7.7 U	39	15 U	15 U	7.7 U	7.7 U	7.7 U	7.7 U	7.7 U
S322	7/13/2000	200 - 300		VC0171	8.7 U	8.7 U	17 U	17 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U
S322	7/13/2000	300 - 400		VC0172	8.3 UJ	8.3 UJ	17 UJ	17 UJ	8.3 UJ	8.3 UJ	8.3 UJ	8.3 UJ	8.3 UJ
S322	7/13/2000	400 - 500	D1	VC0173	8.2 U	8.2 U	16 U	16 U	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U
S322	7/13/2000	400 - 500	D2	VC0185	8.2 U	8.2 U	16 U	16 U	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U
S322	7/13/2000	500 - 600		VC0174	8 UJ	8 UJ	4.5 J	3.5 J	8 UJ	8 UJ	8 UJ	8 UJ	8 UJ
S322	7/13/2000	600 - 700		VC0175	7.8 U	7.8 U	3.8	2.5	7.8 U	7.8 U	7.8 U	7.8 U	7.8 U
S322	7/13/2000	700 - 800		VC0176	7.4 U	7.4 U	3	1.9	7.4 U	7.4 U	7.4 U	7.4 U	7.4 U
S323	8/13/2000	0 - 15		SF0090	10 U	10 U	20 U	20 U	10 U	10 U	10 U	10 U	10 U
S323	8/4/2000	15 - 30		SF0091	26 UJ	26 UJ	52 UJ	52 UJ	26 UJ	26 UJ	26 UJ	26 UJ	26 UJ
S323	7/12/2000	30 - 100		VC0177	12 U	22	25 U	25 U	12 U	12 U	12 U	12 U	12 U
S323	7/12/2000	100 - 200		VC0178	49 U	55	97 U	97 U	49 U	49 U	49 U	49 U	49 U
S323	7/12/2000	200 - 300		VC0179	10 UJ	11 J	20 UJ	20 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
S323	7/12/2000	300 - 400		VC0180	9.2 U	9.2 U	18 U	18 U	9.2 U	9.2 U	9.2 U	9.2 U	9.2 U
S323	7/12/2000	400 - 500		VC0181	8.9 U	8.9 U	18 U	18 U	8.9 U	8.9 U	8.9 U	8.9 U	8.9 U
S323	7/12/2000	500 - 600		VC0182	8.2 U	8.2 U	16 U	16 U	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U
S323	7/12/2000	600 - 700		VC0183	8 U	8 U	16 U	16 U	8 U	8 U	8 U	8 U	8 U
S323	7/12/2000	700 - 800		VC0184	7.9 U	7.9 U	16 U	16 U	7.9 U	7.9 U	7.9 U	7.9 U	7.9 U

Table B1-15. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Toluene (µg/kg-dw)	Trans-1,3-dichloropropene (µg/kg-dw)	1,1,1-Trichloroethane (µg/kg-dw)	1,1,2-Trichloroethane (µg/kg-dw)	Trichloroethene (µg/kg-dw)	Vinyl chloride (µg/kg-dw)	Xylene (o) (µg/kg-dw)	Xylene (m,p) (µg/kg-dw)
S304	8/9/2000	0 - 15		SF0052	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U
S304	8/9/2000	15 - 30		SF0053	8.5 U	8.5 U	8.5 U	8.5 U	8.5 U	8.5 U	13	36
S304	7/21/2000	30 - 100		VC0025	4.1	8.9 U	8.9 U	8.9 U	8.9 U	8.9 U	120	610
S304	7/21/2000	100 - 200		VC0026	9.9 U	9.7 U	9.7 U	9.7 U	9.7 U	9.7 U	310	1,600
S304	7/21/2000	200 - 300	D1	VC0027	25	11 U	11 U	11 U	11 U	11 U	450	2,900
S304	7/21/2000	200 - 300	D2	VC0201	21	11 U	11 U	11 U	11 U	11 U	360	2,000
S304	7/21/2000	300 - 400		VC0028	10 U	10 U	10 U	10 U	10 U	10 U	60	340
S304	7/21/2000	400 - 500		VC0029	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U
S304	7/21/2000	500 - 600		VC0030	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
S304	7/21/2000	600 - 700		VC0031	8.9 UJ	8.9 UJ	8.9 UJ	8.9 UJ	8.9 UJ	8.9 UJ	8.9 UJ	8.9 UJ
S304	7/21/2000	700 - 727		VC0032	9.7 UJ	9.7 UJ	9.7 UJ	9.7 UJ	9.7 UJ	9.7 UJ	9.7 UJ	9.7 UJ
S307	7/18/2000	0 - 15		VC0196	7.6 U	7.6 U	7.6 U	7.6 U	7.6 U	7.6 U	7.6 U	2.1
S307	7/18/2000	15 - 30		VC0197	7.7 U	7.7 U	7.7 U	7.7 U	7.7 U	7.7 U	7.7 U	7.7 U
S307	7/18/2000	30 - 100		VC0049	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U
S307	7/18/2000	100 - 200		VC0050	8.6 U	8.6 U	8.6 U	8.6 U	8.6 U	8.6 U	8.6 U	8.6 U
S307	7/18/2000	200 - 300		VC0051	8.8 U	8.8 U	8.8 U	8.8 U	3.2	8.8 U	8.8 U	8.8 U
S307	7/18/2000	300 - 400		VC0052	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U
S307	7/18/2000	400 - 500		VC0053	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U
S307	7/18/2000	500 - 600		VC0054	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
S308	8/10/2000	0 - 15		SF0060	15 UJ	15 UJ	15 UJ	15 UJ	15 UJ	15 UJ	15 UJ	15 UJ
S308	8/10/2000	15 - 30		SF0061	13 UJ	13 UJ	13 UJ	13 UJ	13 UJ	13 UJ	6.8 J	6.6 J
S308	7/18/2000	30 - 100	D1	VC0057	6.4	15 U	15 U	15 U	15 U	15 U	91	28
S308	7/18/2000	30 - 100	D2	VC0191	9.7	15 U	15 U	5.2	15 U	15 U	130	36
S308	7/18/2000	100 - 200		VC0058	160	61 U	61 U	61 U	61 U	61 U	850	1,800
S308	7/18/2000	200 - 259		VC0059	10	11 U	11 U	11 U	11 U	11 U	46	66
S308	7/18/2000	259 - 359		VC0060	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U
S308	7/18/2000	359 - 459		VC0061	8.5 U	8.5 U	8.5 U	8.5 U	8.5 U	8.5 U	8.5 U	8.5 U
S308	7/18/2000	459 - 559		VC0062	7.9 U	7.9 U	7.9 U	7.9 U	7.9 U	7.9 U	7.9 U	7.9 U
S308	7/18/2000	559 - 593		VC0063	7.5 U	7.5 U	7.5 U	7.5 U	7.5 U	7.5 U	7.5 U	7.5 U
S309	8/14/2000	0 - 15		SF0062	4,800	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	16,000	34,000
S309	8/14/2000	15 - 30		SF0063	8,500	1,400 U	1,400 U	1,400 U	1,400 U	1,400 U	19,000	67,000
S309	7/20/2000	30 - 74		VC0087	47,000	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	28,000	89,000
S309	7/20/2000	74 - 174		VC0065	44,000	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ	31,000	93,000
S309	7/20/2000	174 - 274	D1	VC0066	18,000	76 UJ	76 UJ	76 UJ	76 UJ	76 UJ	15,000	42,000
S309	7/20/2000	174 - 274	D2	VC0192	11,000	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U	8,900	25,000
S309	7/20/2000	274 - 374		VC0067	3,000	78 U	78 U	78 U	78 U	78 U	3,100	14,000
S309	7/20/2000	374 - 474		VC0068	1,000	86 U	86 U	86 U	110	86 U	720	2,500
S309	7/20/2000	474 - 578		VC0069	1,700 J	80 UJ	80 UJ	80 UJ	80 UJ	80 UJ	1,500 J	6,100 J
S309	7/20/2000	578 - 627		VC0070	2,200 J	74 UJ	74 UJ	74 UJ	74 UJ	74 UJ	2,600 J	13,000
S309	7/20/2000	627 - 674		VC0071	1,200	92 U	92 U	92 U	92 U	92 U	960	3,700
S309	7/20/2000	674 - 696		VC0072	1,200 J	70 UJ	70 UJ	70 UJ	70 UJ	70 UJ	1,100 J	4,200 J
S309	7/20/2000	696 - 730		VC0209	230 J	13 UJ	13 UJ	13 UJ	3.1 J	13 UJ	180 J	460 J
S309	7/20/2000	730 - 789		VC0210	36	15 U	15 U	15 U	15 U	15 U	48	110
S310	8/14/2000	0 - 15		SF0064	16 U	16 U	16 U	16 U	16 U	16 U	21	37
S310	8/14/2000	15 - 30		SF0065	14 U	14 U	14 U	14 U	14 U	14 U	290	55
S310	7/20/2000	30 - 100		VC0073	2,000	57 U	57 U	57 U	57 U	57 U	4,100	14,000

Table B1-15. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Toluene (µg/kg-dw)	Trans-1,3-dichloropropene (µg/kg-dw)	1,1,1-Trichloroethane (µg/kg-dw)	1,1,2-Trichloroethane (µg/kg-dw)	Trichloroethene (µg/kg-dw)	Vinyl chloride (µg/kg-dw)	Xylene (o) (µg/kg-dw)	Xylene (m,p) (µg/kg-dw)
S310	7/20/2000	100 - 200		VC0074	2,500	79 U	79 U	79 U	79 U	79 U	9,100	25,000
S310	7/20/2000	200 - 300		VC0075	5,900	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	25,000	68,000
S310	7/20/2000	300 - 400	D1	VC0076	16,000	66 U	66 U	66 U	66 U	66 U	40,000	120,000
S310	7/20/2000	300 - 400	D2	VC0186	15,000	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	35,000	110,000
S310	7/20/2000	400 - 500		VC0077	8,100	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	12,000	35,000
S310	7/20/2000	500 - 600		VC0078	3,100	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	4,800	12,000
S310	7/20/2000	600 - 653		VC0079	3,800	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	8,100	21,000
S310	7/20/2000	653 - 724		VC0080	19,000	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	46,000	120,000
S311	7/20/2000	0 - 15		VC0207	37,00	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	8,000	25,000
S311	7/20/2000	15 - 30		VC0208	3,600	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	6,700	22,000
S311	7/20/2000	30 - 100		VC0081	2,400	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	4,900	15,000
S311	7/20/2000	100 - 200		VC0082	45 J	16 UJ	16 UJ	16 UJ	16 UJ	16 UJ	83 J	210 J
S311	7/20/2000	200 - 300		VC0083	19 J	15 UJ	15 UJ	15 UJ	15 UJ	15 UJ	16 J	31 J
S311	7/20/2000	300 - 400		VC0084	11 J	16 UJ	16 UJ	16 UJ	16 UJ	16 UJ	4.9 J	8.4 J
S311	7/20/2000	400 - 500		VC0085	11 J	18 UJ	18 UJ	18 UJ	18 UJ	18 UJ	18 UJ	18 UJ
S311	7/20/2000	500 - 600		VC0086	10 J	20 UJ	20 UJ	20 UJ	14 J	20 UJ	20 UJ	20 UJ
S312	8/14/2000	0 - 15		SF0068	5,700	14,000 U	14,000 U	14,000 U	14,000 U	14,000 U	23,000	100,000
S312	8/14/2000	15 - 30		SF0069	1,200	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	7,400	33,000
S312	7/20/2000	30 - 100		VC0089	1,300	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	6,300	17,000
S312	7/20/2000	100 - 200		VC0090	1,800	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	6,400	19,000
S312	7/20/2000	200 - 300	D1	VC0091	2,800	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	11,000	31,000
S312	7/20/2000	200 - 300	D2	VC0193	1,400	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	4,100	11,000
S312	7/20/2000	300 - 400		VC0092	7,300	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	76,000	200,000
S312	7/20/2000	400 - 500		VC0093	8,900	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	34,000	89,000
S312	7/20/2000	500 - 600		VC0094	20,000	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	14,000	56,000
S312	7/20/2000	600 - 700		VC0095	3,700	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	4,500	15,000
S313	7/18/2000	0 - 15		VC0187	100 J	8.4 UJ	2.7 J	8.4 UJ	1.7 J	8.4 UJ	240 J	490 J
S313	7/18/2000	15 - 30		VC0188	20	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	73	45
S313	7/18/2000	30 - 100	D1	VC0097	1,600	46 U	46 U	46 U	46 U	46 U	2,700	8,200
S313	7/18/2000	30 - 100	D2	VC0194	2,700	9.5 U	17	9.5 U	9.5 U	13	3,000	9,100
S313	7/18/2000	100 - 200		VC0098	540	47 U	47 U	47 U	47 U	47 U	1,600	2,600
S313	7/18/2000	200 - 300		VC0099	6.4 J	9.3 UJ	9.3 UJ	9.3 UJ	9.3 UJ	9.3 UJ	57 J	30 J
S313	7/18/2000	300 - 400		VC0100	15	8.5 U	8.5 U	8.5 U	8.5 U	8.5 U	12	13
S313	7/18/2000	400 - 500		VC0101	2.1	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U
S313	7/18/2000	500 - 600		VC0102	9 U	9 U	9 U	9 U	9 U	9 U	9 U	9 U
S313	7/18/2000	600 - 700		VC0103	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
S313	7/18/2000	700 - 800		VC0104	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U
S314	8/10/2000	0 - 15		SF0072	570	1,400 U	1,400 U	1,400 U	1,400 U	1,400 U	12,000	2,1000
S314	8/10/2000	15 - 30		SF0073	10,000	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	16,000	49,000
S314	7/19/2000	30 - 100	D1	VC0105	10,000	51 U	51 U	51 U	51 U	51 U	9,300	34,000
S314	7/19/2000	30 - 100	D2	VC0200	14,000	10 UJ	10 UJ	10 UJ	10 UJ	4.1 J	13,000	47,000
S314	7/19/2000	100 - 200		VC0106	3,900	49 U	49 U	49 U	49 U	49 U	3,100	9,300
S314	7/19/2000	200 - 300		VC0107	3,200	54 U	54 U	54 U	17	54 U	6,000	16,000
S314	7/19/2000	300 - 400		VC0108	54	48 U	48 U	48 U	48 U	48 U	460	180
S314	7/19/2000	400 - 500		VC0109	25 J	9.7 UJ	9.7 UJ	9.7 UJ	9.7 UJ	9.7 UJ	79 J	130 J
S314	7/19/2000	500 - 600		VC0110	11	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	32	53

Table B1-15. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Toluene (µg/kg-dw)	Trans-1,3-dichloropropene (µg/kg-dw)	1,1,1-Trichloroethane (µg/kg-dw)	1,1,2-Trichloroethane (µg/kg-dw)	Trichloroethene (µg/kg-dw)	Vinyl chloride (µg/kg-dw)	Xylene (o) (µg/kg-dw)	Xylene (m,p) (µg/kg-dw)
S314	7/19/2000	600 - 700		VC0111	8.2	11 U	11 U	11 U	11 U	11 U	3	4.8
S314	7/19/2000	700 - 800		VC0112	9.9 U	9.9 U	9.9 U	9.9 U	9.9 U	9.9 U	9.9 U	9.9 U
S315	8/11/2000	0 - 15		SF0074	9.8	22 U	22 U	22 U	22 U	22 U	22 U	13
S315	8/14/2000	15 - 30		SF0075	19 U	19 U	19 U	19 U	19 U	19 U	9.3	22
S315	7/19/2000	30 - 100		VC0113	17	14 U	14 U	14 U	14 U	14 U	15	27
S315	7/19/2000	100 - 200		VC0114	230	14 U	14 U	14 U	14 U	14 U	500 J	5,000
S315	7/19/2000	200 - 300		VC0115	130 J	12 UJ	12 UJ	12 UJ	12 UJ	5.8 J	1,400	3,100
S315	7/19/2000	300 - 400		VC0116	46 J	11 UJ	11 UJ	11 UJ	11 UJ	11 UJ	240 J	350 J
S315	7/19/2000	400 - 500		VC0117	27	10 U	10 U	10 U	10 U	10 U	99	190
S315	7/19/2000	500 - 600		VC0118	8.9	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	7.9	13
S315	7/19/2000	600 - 673		VC0119	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U
S315	7/19/2000	673 - 767		VC0120	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
S316	8/10/2000	0 - 15		SF0076	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U
S316	8/10/2000	15 - 30		SF0077	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U
S316	7/15/2000	30 - 102		VC0121	6.9 U	6.9 U	6.9 U	6.9 U	6.9 U	6.9 U	1.7	6.9 U
S316	7/15/2000	102 - 201		VC0122	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U
S316	7/15/2000	201 - 300		VC0123	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
S316	7/15/2000	300 - 400		VC0124	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U
S316	7/15/2000	400 - 500		VC0125	9.9 U	9.9 U	9.9 U	9.9 U	9.9 U	9.9 U	9.9 U	9.9 U
S316	7/15/2000	500 - 600		VC0126	9.3 UJ	9.3 UJ	9.3 UJ	9.3 UJ	9.3 UJ	9.3 UJ	9.3 UJ	9.3 UJ
S316	7/15/2000	600 - 700		VC0127	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U
S316	7/15/2000	700 - 800		VC0128	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U
S317	8/11/2000	0 - 15		SF0078	5.2 J	14 UJ	14 UJ	14 UJ	14 UJ	14 UJ	5.2 J	12 J
S317	8/4/2000	15 - 30		SF0079	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ	18 J	18 J
S317	7/15/2000	30 - 100		VC0129	43 J	12 UJ	12 UJ	12 UJ	3.3 J	12 UJ	430 J	760 J
S317	7/15/2000	100 - 200		VC0130	7.4	10 U	10 U	10 U	10 U	10 U	92	110
S317	7/15/2000	200 - 300		VC0131	20 J	9 UJ	9 UJ	9 UJ	9 UJ	9 UJ	85 J	100 J
S317	7/15/2000	300 - 400		VC0132	52 J	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	210 J	340 J
S317	7/15/2000	400 - 500		VC0133	13 J	8.8 UJ	8.8 UJ	8.8 UJ	8.8 UJ	8.8 UJ	44 J	74 J
S317	7/15/2000	500 - 600		VC0134	9.5 UJ	9.5 UJ	9.5 UJ	9.5 UJ	9.5 UJ	9.5 UJ	9.5 UJ	9.5 UJ
S317	7/15/2000	600 - 700		VC0135	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U
S318	7/14/2000	0 - 15		VC0189	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U
S318	7/14/2000	15 - 30		VC0190	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U
S318	7/14/2000	30 - 100		VC0137	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	2.3	6.3 U
S318	7/14/2000	100 - 200		VC0138	8.3 U	8.3 U	8.3 U	8.3 U	8.3 U	8.3 U	5.5	8.3 U
S318	7/14/2000	200 - 300		VC0139	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U
S318	7/14/2000	300 - 400		VC0140	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U
S318	7/14/2000	400 - 500		VC0141	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
S318	7/14/2000	500 - 600		VC0142	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ
S318	7/14/2000	600 - 700		VC0143	8.9 UJ	8.9 UJ	8.9 UJ	8.9 UJ	8.9 UJ	8.9 UJ	8.9 UJ	8.9 UJ
S318	7/14/2000	700 - 800		VC0144	8.7 UJ	8.7 UJ	8.7 UJ	8.7 UJ	8.7 UJ	8.7 UJ	8.7 UJ	8.7 UJ
S319	8/4/2000	0 - 15		SF0082	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ
S319	8/4/2000	15 - 30		SF0083	11 UJ	11 UJ	11 UJ	11 UJ	11 UJ	11 UJ	5.2 J	7.6 J
S319	7/14/2000	30 - 100		VC0145	21 U	11 U	11 U	11 U	2.9	11 U	190 J	84 J
S319	7/14/2000	100 - 200		VC0146	140 U	50 U	50 U	50 U	50 U	50 U	2,400	1,300
S319	7/14/2000	200 - 300		VC0147	36 U	9.6 U	9.6 U	9.6 U	36	9.6 U	210	330

Table B1-15. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Toluene (µg/kg-dw)	Trans-1,3-dichloropropene (µg/kg-dw)	1,1,1-Trichloroethane (µg/kg-dw)	1,1,2-Trichloroethane (µg/kg-dw)	Trichloroethene (µg/kg-dw)	Vinyl chloride (µg/kg-dw)	Xylene (o) (µg/kg-dw)	Xylene (m,p) (µg/kg-dw)
S319	7/14/2000	300 - 400		VC0148	18 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	47 J	75 J
S319	7/14/2000	400 - 500		VC0149	8.9 U	8.9 U	8.9 U	8.9 U	14	8.9 U	8.9 U	8.9 U
S319	7/14/2000	500 - 600		VC0150	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U
S319	7/14/2000	600 - 700		VC0151	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U
S319	7/14/2000	700 - 800		VC0152	8.9 U	8.9 U	8.9 U	8.9 U	8.9 U	8.9 U	8.9 U	8.9 U
S320	8/13/2000	0 - 15		SF0084	3.2	16 U	16 U	16 U	16 U	16 U	16 U	4.5
S320	8/14/2000	15 - 30		SF0085	16 U	16 U	16 U	16 U	16 U	16 U	3.9	12
S320	7/13/2000	30 - 100		VC0153	17	13 U	13 U	13 U	13 U	13 U	74 J	100 J
S320	7/13/2000	100 - 200		VC0154	13 U	13 U	13 U	13 U	13 U	13 U	190	85
S320	7/13/2000	200 - 300		VC0155	120	52 U	52 U	52 U	52 U	52 U	770	1,300
S320	7/13/2000	300 - 400		VC0156	2,400 U	48 U	48 U	48 U	48 U	48 U	21,000	44,000
S320	7/13/2000	400 - 500		VC0157	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	100 J	75 J
S320	7/13/2000	500 - 600		VC0158	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	2.4 J	9.4 UJ	9.4 UJ	3 J
S320	7/13/2000	600 - 700		VC0159	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	9.4 UJ	2.8 J
S321	8/4/2000	0 - 15		SF0086	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
S321	8/4/2000	15 - 30		SF0087	6.9 U	6.9 U	6.9 U	6.9 U	6.9 U	6.9 U	6.9 U	6.9 U
S321	7/13/2000	30 - 100		VC0161	6.7 UJ	6.7 UJ	6.7 UJ	6.7 UJ	6.7 UJ	6.7 UJ	6.7 UJ	6.7 UJ
S321	7/13/2000	100 - 200		VC0162	7.4 UJ	7.4 UJ	7.4 UJ	7.4 UJ	7.4 UJ	7.4 UJ	7.4 UJ	7.4 UJ
S321	7/13/2000	200 - 300		VC0163	7.5 UJ	7.5 UJ	7.5 UJ	7.5 UJ	7.5 UJ	7.5 UJ	7.5 UJ	7.5 UJ
S321	7/13/2000	300 - 400		VC0164	7.8 UJ	7.8 UJ	7.8 UJ	7.8 UJ	7.8 UJ	7.8 UJ	7.8 UJ	7.8 UJ
S321	7/13/2000	400 - 500		VC0165	7.8 UJ	7.8 UJ	7.8 UJ	7.8 UJ	7.8 UJ	7.8 UJ	7.8 UJ	7.8 UJ
S321	7/13/2000	500 - 560		VC0166	8.2 UJ	8.2 UJ	8.2 UJ	8.2 UJ	8.2 UJ	8.2 UJ	8.2 UJ	8.2 UJ
S321	7/13/2000	560 - 600		VC0167B	8.4 UJ	8.4 UJ	8.4 UJ	8.4 UJ	15 J	8.4 UJ	8.4 UJ	8.4 UJ
S321	7/13/2000	600 - 700		VC0167	8.7 UJ	8.7 UJ	8.7 UJ	8.7 UJ	8.7 UJ	8.7 UJ	8.7 UJ	8.7 UJ
S321	7/13/2000	700 - 800		VC0168	8.6 UJ	8.6 UJ	8.6 UJ	8.6 UJ	8.6 UJ	8.6 UJ	8.6 UJ	8.6 UJ
S322	8/10/2000	0 - 15		SF0088	52 U	52 U	52 U	52 U	52 U	52 U	310	460
S322	8/10/2000	15 - 30		SF0089	48 U	48 U	48 U	48 U	48 U	48 U	440	680
S322	7/13/2000	30 - 100		VC0169	6.5	11 U	11 U	11 U	11 U	11 U	140 J	100 J
S322	7/13/2000	100 - 200		VC0170	7.7 U	7.7 U	7.7 U	7.7 U	7.7 U	7.7 U	33	14
S322	7/13/2000	200 - 300		VC0171	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U
S322	7/13/2000	300 - 400		VC0172	8.3 UJ	8.3 UJ	8.3 UJ	8.3 UJ	8.3 UJ	8.3 UJ	8.3 UJ	8.3 UJ
S322	7/13/2000	400 - 500	D1	VC0173	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U
S322	7/13/2000	400 - 500	D2	VC0185	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U
S322	7/13/2000	500 - 600		VC0174	8 UJ	8 UJ	8 UJ	8 UJ	8 UJ	8 UJ	8 UJ	8 UJ
S322	7/13/2000	600 - 700		VC0175	7.8 U	7.8 U	7.8 U	7.8 U	7.8 U	7.8 U	7.8 U	7.8 U
S322	7/13/2000	700 - 800		VC0176	7.4 U	7.4 U	7.4 U	7.4 U	7.4 U	7.4 U	7.4 U	7.4 U
S323	8/13/2000	0 - 15		SF0090	10 U	10 U	10 U	10 U	10 U	10 U	10 U	3.3
S323	8/4/2000	15 - 30		SF0091	5.5 J	26 UJ	26 UJ	26 UJ	26 UJ	26 UJ	60 J	26 J
S323	7/12/2000	30 - 100		VC0177	12 U	12 U	12 U	12 U	12 U	12 U	94	49
S323	7/12/2000	100 - 200		VC0178	23	49 U	49 U	49 U	49 U	49 U	92	110
S323	7/12/2000	200 - 300		VC0179	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	17 J	16 J
S323	7/12/2000	300 - 400		VC0180	9.2 U	9.2 U	9.2 U	9.2 U	9.2 U	9.2 U	9.2 U	9.2 U
S323	7/12/2000	400 - 500		VC0181	8.9 U	8.9 U	8.9 U	8.9 U	8.9 U	8.9 U	8.9 U	8.9 U
S323	7/12/2000	500 - 600		VC0182	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U
S323	7/12/2000	600 - 700		VC0183	8 U	8 U	8 U	8 U	8 U	8 U	8 U	8 U
S323	7/12/2000	700 - 800		VC0184	7.9 U	7.9 U	7.9 U	7.9 U	7.9 U	7.9 U	7.9 U	7.9 U

Table B1-16. TCL SVOCs in 8-m Cores

Station	Date	Depth (cm)	Duplicate	Sample Number	Acenaphthene (µg/kg-dw)	Acenaphthylene (µg/kg-dw)	Anthracene (µg/kg-dw)	Benzo(a) anthracene (µg/kg-dw)	Benzo(a) pyrene (µg/kg-dw)	Benzo(b) fluoranthene (µg/kg-dw)	Benzo(g,h,i) perylene (µg/kg-dw)	Benzo(k) fluoranthene (µg/kg-dw)	Benzyl Alcohol (µg/kg-dw)	Bis(2-chloroethoxy) methane (µg/kg-dw)	Bis(2-chloroethyl) ether (µg/kg-dw)
S301	7/22/2000	0 - 15		VC0215	62 UJ	62 UJ	62 UJ	62 UJ	62 UJ	62 UJ	62 UJ	62 UJ	320 UJ	62 UJ	62 UJ
S301	7/22/2000	15 - 30		VC0024	66 U	66 U	66 U	69 J	66 U	66 U	66 U	66 U	340 UJ	66 U	66 U
S301	7/22/2000	30 - 56		VC0001	73 UJ	73 UJ	73 UJ	73 UJ	73 UJ	73 UJ	73 UJ	73 UJ	370 UJ	73 UJ	73 UJ
S301	7/22/2000	56 - 156	D1	VC0002	59 U	59 U	59 U	59 U	59 U	59 U	59 U	59 U	300 U	59 U	59 U
S301	7/22/2000	56 - 156	D2	VC0195	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	310 UJ	60 U	60 U
S301	7/22/2000	156 - 256		VC0003	65 UJ	65 UJ	65 UJ	65 UJ	65 UJ	65 UJ	65 UJ	65 UJ	330 UJ	65 UJ	65 UJ
S301	7/22/2000	256 - 356		VC0004	64 UJ	64 UJ	64 UJ	64 UJ	64 UJ	64 UJ	64 UJ	64 UJ	330 UJ	64 UJ	64 UJ
S301	7/22/2000	356 - 437		VC0005	66 UJ	75 J	100 J	210 J	210 J	190 J	180 J	200 J	340 UJ	66 UJ	66 UJ
S301	7/22/2000	437 - 537		VC0006	58 UJ	58 UJ	58 UJ	58 UJ	58 UJ	58 UJ	58 UJ	58 UJ	300 UJ	58 UJ	58 UJ
S301	7/22/2000	537 - 637		VC0007	52 UJ	52 UJ	52 UJ	52 UJ	52 UJ	52 UJ	52 UJ	52 UJ	270 UJ	52 UJ	52 UJ
S301	7/22/2000	637 - 730		VC0008	46 UJ	46 UJ	46 UJ	46 UJ	46 UJ	46 UJ	46 UJ	46 UJ	230 UJ	46 UJ	46 UJ
S302	8/12/2000	0 - 15		SF0048	77 U	77 U	77 U	200	250	250	250	250	400 U	77 U	77 U
S302	8/14/2000	15 - 30		SF0049	65 UJ	65 UJ	65 UJ	89 J	65 UJ	110 J	77 J	110 J	340 UJ	65 UJ	65 UJ
S302	7/22/2000	30 - 59		VC0009	64 UJ	64 UJ	64 UJ	64 UJ	64 UJ	64 UJ	64 UJ	64 UJ	330 UJ	64 UJ	64 UJ
S302	7/22/2000	59 - 159		VC0010	60 UJ	60 UJ	60 UJ	100 J	120 J	120 J	99 J	130 J	310 UJ	60 UJ	60 UJ
S302	7/22/2000	159 - 259		VC0011	64 U	64 U	64 U	67	81	88	64 U	68	330 U	64 U	64 U
S302	7/22/2000	259 - 359		VC0012	67 UJ	67 UJ	90 J	90 J	97 J	90 J	71 J	93 J	350 UJ	67 UJ	67 UJ
S302	7/22/2000	359 - 459		VC0013	66 U	66 U	66 U	66 U	70	66 U	66 U	66 U	340 U	66 U	66 U
S302	7/22/2000	459 - 559		VC0014	64 U	64 U	64 U	130	160	150	93	140	330 U	64 U	64 U
S302	7/22/2000	559 - 659		VC0015	64 U	64 U	64 U	64 U	64 U	64 U	64 U	64 U	330 U	64 U	64 U
S302	7/22/2000	659 - 761		VC0016	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ	300 UJ	59 UJ	59 UJ
S303	8/12/2000	0 - 15		SF0038	110 U	110 U	110 U	160	210	210	190	190	570 U	110 U	110 U
S303	7/22/2000	15 - 30		VC0214	80 U	80 U	80 U	80 U	80 U	80 U	80 U	80 U	410 UJ	80 U	80 U
S303	7/22/2000	30 - 100		VC0017	81 UJ	110 J	270 J	280 J	280 J	270 J	240 J	300 J	420 UJ	81 UJ	81 UJ
S303	7/22/2000	100 - 200		VC0018	72 U	72 U	72 U	76	72 U	72 U	72 U	72 U	370 U	72 U	72 U
S303	7/22/2000	200 - 300		VC0019	74 UJ	74 UJ	74 UJ	74 UJ	74 UJ	74 UJ	74 UJ	74 UJ	380 UJ	74 UJ	74 UJ
S303	7/22/2000	300 - 400	D1	VC0020	66 UJ	66 UJ	66 UJ	66 UJ	66 UJ	66 UJ	66 UJ	66 UJ	340 UJ	66 UJ	66 UJ
S303	7/22/2000	300 - 400	D2	VC0198	66 UJ	66 UJ	66 UJ	66 UJ	66 UJ	66 UJ	66 UJ	66 UJ	340 UJ	66 UJ	66 UJ
S303	7/22/2000	400 - 500		VC0021	60 UJ	60 UJ	60 UJ	60 UJ	60 UJ	60 UJ	60 UJ	60 UJ	310 UJ	60 UJ	60 UJ
S303	7/22/2000	500 - 600		VC0022	56 UJ	56 UJ	56 UJ	56 UJ	56 UJ	56 UJ	56 UJ	56 UJ	290 UJ	56 UJ	56 UJ
S303	7/22/2000	600 - 618		VC0023	51 U	51 U	51 U	51 U	51 U	51 U	51 U	51 U	260 UJ	51 U	51 U
S304	8/9/2000	0 - 15		SF0052	54 U	54 U	54 U	130 J	130 J	130 J	96 J	120 J	280 U	54 U	54 U
S304	8/9/2000	15 - 30		SF0053	48 U	48 U	75 J	220 J	190 J	170 J	130 J	190 J	250 U	48 U	48 U
S304	7/21/2000	30 - 100		VC0025	56 U	56 U	56 U	56 U	56 U	56 U	56 UJ	56 U	290 U	56 U	56 U
S304	7/21/2000	100 - 200		VC0026	60 UJ	60 UJ	60 UJ	60 UJ	60 UJ	60 UJ	60 UJ	60 UJ	310 UJ	60 UJ	60 UJ
S304	7/21/2000	200 - 300	D1	VC0027	64 UJ	64 UJ	64 UJ	64 UJ	64 UJ	64 UJ	64 UJ	64 UJ	330 UJ	64 UJ	64 UJ
S304	7/21/2000	200 - 300	D2	VC0201	64 UJ	64 UJ	64 UJ	97 J	64 UJ	99 J	64 UJ	98 J	330 UJ	64 UJ	64 UJ
S304	7/21/2000	300 - 400		VC0028	63 UJ	63 UJ	63 UJ	63 UJ	63 UJ	63 UJ	63 UJ	71 J	330 UJ	63 UJ	63 UJ
S304	7/21/2000	400 - 500		VC0029	62 UJ	62 UJ	62 UJ	120 J	62 UJ	62 UJ	62 UJ	62 UJ	320 UJ	62 UJ	62 UJ
S304	7/21/2000	500 - 600		VC0030	130 U	130 U	130 U	150	130 U	130 U	130 UJ	130 U	670 U	130 U	130 U
S304	7/21/2000	600 - 700		VC0031	120 U	120 U	120 U	150	120 U	120 U	120 UJ	120 U	600 U	120 U	120 U
S304	7/21/2000	700 - 727		VC0032	62 U	62 U	62 U	110	62 U	62 U	62 UJ	62 U	320 U	62 U	62 U
S305	8/12/2000	0 - 15		SF0054	72 U	72 U	72 U	72 U	72 U	72 U	72 U	72 U	370 U	72 U	72 U
S305	8/4/2000	15 - 30		SF0055	69 UJ	69 UJ	69 UJ	160 J	180 J	170 J	140 J	180 J	360 UJ	69 UJ	69 UJ
S305	7/21/2000	30 - 100		VC0033	56 U	56 U	56 U	56 U	68	74	56 UJ	75	290 U	56 U	56 U
S305	7/21/2000	100 - 200		VC0034	56 U	56 U	56 U	94	75	56 U	56 UJ	56 U	290 U	56 U	56 U
S305	7/21/2000	200 - 300		VC0035	59 UJ	59 UJ	59 UJ	72 J	59 UJ	59 UJ	59 UJ	66 J	300 UJ	59 UJ	59 UJ
S305	7/21/2000	300 - 400		VC0036	60 U	60 U	63	100	60 U	86	60 UJ	97	310 U	60 U	60 U
S305	7/21/2000	400 - 500		VC0037	61 UJ	61 UJ	61 UJ	89 J	100 J	78 J	61 UJ	110 J	320 UJ	61 UJ	61 UJ

Table B1-16. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Acenaphthene (µg/kg-dw)	Acenaphthylene (µg/kg-dw)	Anthracene (µg/kg-dw)	Benzo(a) anthracene (µg/kg-dw)	Benzo(a) pyrene (µg/kg-dw)	Benzo(b) fluoranthene (µg/kg-dw)	Benzo(g,h,i) perylene (µg/kg-dw)	Benzo(k) fluoranthene (µg/kg-dw)	Benzyl Alcohol (µg/kg-dw)	Bis(2-chloroethoxy) methane (µg/kg-dw)	Bis(2-chloroethyl) ether (µg/kg-dw)
S305	7/21/2000	500 - 600		VC0038	66 U	66 U	66 U	85	66 UJ	80	66 UJ	82	340 U	66 U	66 U
S305	7/21/2000	600 - 635		VC0211	64 UJ	64 UJ	64 UJ	160 J	64 UJ	140 J	64 UJ	120 J	330 UJ	64 UJ	64 UJ
S305	7/21/2000	635 - 692		VC0039	70 U	70 U	70 U	70 U	70 U	130	70 UJ	140	360 U	70 U	70 U
S305	7/21/2000	692 - 737		VC0040	56 U	56 U	56 U	56 U	56 U	56 U	56 UJ	56 U	290 U	56 U	56 U
S306	7/21/2000	0 - 15		VC0212	52 UJ	52 UJ	52 UJ	52 UJ	52 UJ	52 UJ	52 UJ	52 UJ	270 UJ	52 UJ	52 UJ
S306	7/21/2000	15 - 30		VC0213	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ	310 UJ	59 UJ	59 UJ
S306	7/21/2000	30 - 100		VC0041	58 U	58 U	58 U	58 U	58 U	58 U	58 U	58 U	300 U	58 U	58 U
S306	7/21/2000	100 - 200		VC0042	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	310 U	60 U	60 U
S306	7/21/2000	200 - 300		VC0043	62 UJ	62 UJ	62 UJ	62 UJ	62 UJ	62 UJ	62 UJ	62 UJ	320 UJ	62 UJ	62 UJ
S306	7/21/2000	300 - 400		VC0044	63 UJ	63 UJ	63 UJ	63 UJ	63 UJ	63 UJ	63 UJ	63 UJ	320 UJ	63 UJ	63 UJ
S306	7/21/2000	400 - 500		VC0045	62 UJ	62 UJ	62 UJ	62 UJ	62 UJ	62 UJ	62 UJ	62 UJ	320 UJ	62 UJ	62 UJ
S306	7/21/2000	500 - 600	D1	VC0046	61 UJ	61 UJ	61 UJ	61 UJ	61 UJ	61 UJ	61 UJ	61 UJ	310 UJ	61 UJ	61 UJ
S306	7/21/2000	500 - 600	D2	VC0199	61 UJ	61 UJ	61 UJ	61 UJ	61 UJ	61 UJ	61 UJ	61 UJ	310 UJ	61 UJ	61 UJ
S306	7/21/2000	600 - 700		VC0047	56 UJ	56 UJ	56 UJ	56 UJ	56 UJ	56 UJ	56 UJ	56 UJ	290 UJ	56 UJ	56 UJ
S306	7/21/2000	700 - 732		VC0048	52 UJ	52 UJ	52 UJ	52 UJ	52 UJ	52 UJ	52 UJ	52 UJ	270 UJ	52 UJ	52 UJ
S307	7/18/2000	0 - 15		VC0196	160	65	580	2,200	1,900	1,500	1,200	1,400	280 U	55 U	55 U
S307	7/18/2000	15 - 30		VC0197	52 U	52 U	74	280	260	220	170	200	270 U	52 U	52 U
S307	7/18/2000	30 - 100		VC0049	57 U	57 U	57 U	57 U	57 U	57 U	57 U	57 U	290 U	57 U	57 U
S307	7/18/2000	100 - 200		VC0050	57 U	57 U	57 U	57 U	57 U	57 U	57 U	57 U	300 U	57 U	57 U
S307	7/18/2000	200 - 300		VC0051	56 U	56 U	56 U	56 U	56 U	56 U	56 U	56 U	290 U	56 U	56 U
S307	7/18/2000	300 - 400		VC0052	57 U	57 U	57 U	57 U	57 U	57 U	57 U	57 U	300 U	57 U	57 U
S307	7/18/2000	400 - 500		VC0053	41 U	41 U	41 U	41 U	41 U	41 U	41 U	41 U	210 U	41 U	41 U
S307	7/18/2000	500 - 600		VC0054	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	200 U	40 U	40 U
S308	8/10/2000	0 - 15		SF0060	96 UJ	96 UJ	100 J	160 J	210 J	200 J	180 J	180 J	490 UJ	96 UJ	96 UJ
S308	8/10/2000	15 - 30		SF0061	86 U	86 U	140	200	230	200	190	180	440 UJ	86 U	86 U
S308	7/18/2000	30 - 100	D1	VC0057	260	340	490	880	810	720	610	670	530 U	100 U	100 U
S308	7/18/2000	30 - 100	D2	VC0191	240	270	680 J	820	760	690	580	670	530 U	100 U	100 U
S308	7/18/2000	100 - 200		VC0058	1,700	1,200	3,200	2,300	1,600	1,200	980	1,100	420 U	82 U	82 U
S308	7/18/2000	200 - 259		VC0059	370	250	1,200	1,600	1,300	890	810	870	380 U	73 U	73 U
S308	7/18/2000	259 - 359		VC0060	60 UJ	60 UJ	60 UJ	60 UJ	60 UJ	60 UJ	60 UJ	60 UJ	310 UJ	60 UJ	60 UJ
S308	7/18/2000	359 - 459		VC0061	57 U	57 U	57 U	57 U	57 U	57 U	57 U	57 U	290 U	57 U	57 U
S308	7/18/2000	459 - 559		VC0062	55 U	55 U	55 U	55 U	55 U	55 U	55 U	55 U	280 U	55 U	55 U
S308	7/18/2000	559 - 593		VC0063	54 U	54 U	54 U	54 U	54 U	54 U	54 U	54 U	280 U	54 U	54 U
S309	8/14/2000	0 - 15		SF0062	1,600 U	1,600 U	1,600 U	1,700	1,600 U	1,600 U	1,600 U	1,600 U	8,100 U	1,600 U	1,600 U
S309	8/14/2000	15 - 30		SF0063	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	20,000 U	3,800 U	3,800 U
S309	7/20/2000	30 - 74		VC0087	2,200 U	1,500	2,200 U	2,200 U	2,200 U	2,200 U	2,200 U	2,200 U	11,000 U	2,200 U	2,200 U
S309	7/20/2000	74 - 174		VC0065	620	1,500	1,200	490	350	300	340 U	350	1,700 U	340 U	340 U
S309	7/20/2000	174 - 274	D1	VC0066	6,600	1,900 U	4,600	2,700	1,500	1,700	1,900 U	1,400	10,000 U	1,900 U	1,900 U
S309	7/20/2000	174 - 274	D2	VC0192	4,300	1,300	3,100	1,700	1,100	2,000 U	2,000 U	1,100	10,000 U	2,000 U	2,000 U
S309	7/20/2000	274 - 374		VC0067	8,000	1,400	5,700	2,100	1,100	1,100	570	960	5,400 U	1,100 U	1,100 U
S309	7/20/2000	374 - 474		VC0068	6,000	3,000	3,900	2,600	1,700	1,700	930	1,500	5,400 U	1,100 U	1,100 U
S309	7/20/2000	474 - 578		VC0069	1,700	1,300	1,900	1,700	1,200	1,100	600	1,100	2,600 U	500 U	500 U
S309	7/20/2000	578 - 627		VC0070	38,000	3,500	45,000	11,000	3,400	3,900	1,200	3,400	9,200 U	1,800 U	1,800 U
S309	7/20/2000	627 - 674		VC0071	1,400	330	750	370	230 U	160	230 U	130	1,200 U	230 U	230 U
S309	7/20/2000	674 - 696		VC0072	2,300	680	1,900	1,100	610	550	310	530	1,400 U	280 U	280 U
S309	7/20/2000	696 - 730		VC0209	430	850	1,300	1,200	1,200	460	600	550	440 U	85 U	85 U
S309	7/20/2000	730 - 789		VC0210	110	320	650	520	500	190	120	220	520 U	100 U	100 U
S310	8/14/2000	0 - 15		SF0064	190 U	240	190 U	300	360	350	260	280	980 U	190 U	190 U
S310	8/14/2000	15 - 30		SF0065	170 UJ	170 UJ	360 J	340 J	300 J	250 J	190 J	230 J	870 UJ	170 UJ	170 UJ

Table B1-16. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Acenaphthene (µg/kg-dw)	Acenaphthylene (µg/kg-dw)	Anthracene (µg/kg-dw)	Benzo(a) anthracene (µg/kg-dw)	Benzo(a) pyrene (µg/kg-dw)	Benzo(b) fluoranthene (µg/kg-dw)	Benzo(g,h,i) perylene (µg/kg-dw)	Benzo(k) fluoranthene (µg/kg-dw)	Benzyl Alcohol (µg/kg-dw)	Bis(2-chloroethoxy) methane (µg/kg-dw)	Bis(2-chloroethyl) ether (µg/kg-dw)
S310	7/20/2000	30 - 100		VC0073	400	620	630	740	500	520	780 U	500	4,000 U	780 U	780 U
S310	7/20/2000	100 - 200		VC0074	2,000 U	1,300	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	10,000 U	2,000 U	2,000 U
S310	7/20/2000	200 - 300		VC0075	3,700 U	2,600	3,700 U	3,700 U	3,700 U	3,700 U	3,700 U	3,700 U	19,000 U	3,700 U	3,700 U
S310	7/20/2000	300 - 400	D1	VC0076	660	2,600	900	450	850 U	850 U	850 U	850 U	4,400 U	850 U	850 U
S310	7/20/2000	300 - 400	D2	VC0186	2,500 U	1,500	2,500 U	2,500 U	2,500 U	2,500 U	2,500 U	2,500 U	13,000 U	2,500 U	2,500 U
S310	7/20/2000	400 - 500		VC0077	920 U	630	920 U	920 U	920 U	920 U	920 U	920 U	4,700 U	920 U	920 U
S310	7/20/2000	500 - 600		VC0078	310 U	210	180	310 U	310 U	310 U	310 U	310 U	1,600 U	310 U	310 U
S310	7/20/2000	600 - 653		VC0079	730 U	380	730 U	730 U	730 U	730 U	730 U	730 U	3,700 U	730 U	730 U
S310	7/20/2000	653 - 724		VC0080	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U	10,000 U	1,900 U	1,900 U
S311	7/20/2000	0 - 15		VC0207	350 U	380	940	350 U	350 U	350 U	350 U	350 U	1,800 U	350 U	350 U
S311	7/20/2000	15 - 30		VC0208	620 U	810	1,500	1,900	1,600	1,400	650	1,400	3,200 U	620 U	620 U
S311	7/20/2000	30 - 100		VC0081	440 U	440 U	960	440 U	440 U	440 U	440 U	440 U	2,300 U	440 U	440 U
S311	7/20/2000	100 - 200		VC0082	110 U	64	220	280	190	130	110 U	130	550 U	110 U	110 U
S311	7/20/2000	200 - 300		VC0083	99 U	99 U	99 U	67	99 U	99 U	99 U	99 U	510 U	99 U	99 U
S311	7/20/2000	300 - 400		VC0084	110 U	110 U	110 U	110 U	110 U	110 U	110 U	110 U	540 U	110 U	110 U
S311	7/20/2000	400 - 500		VC0085	110 U	110 U	110 U	110 U	110 U	110 U	110 U	110 U	560 U	110 U	110 U
S311	7/20/2000	500 - 600		VC0086	130 U	130 U	130 U	71	130 U	130 U	130 U	130 U	650 U	130 U	130 U
S312	8/14/2000	0 - 15		SF0068	3,400 U	3,400 U	3,400 U	3,400 U	3,400 U	3,400 U	3,400 U	3,400 U	18,000 U	3,400 U	3,400 U
S312	8/14/2000	15 - 30		SF0069	6,100 U	6,100 U	6,100 U	6,100 U	6,100 U	6,100 U	6,100 U	6,100 U	32,000 U	6,100 U	6,100 U
S312	7/20/2000	30 - 100		VC0089	3,100 U	3,100 U	3,100 U	3,100 U	3,100 U	3,100 U	3,100 U	3,100 U	16,000 U	3,100 U	3,100 U
S312	7/20/2000	100 - 200		VC0090	2,900 U	1,500	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	15,000 U	2,900 U	2,900 U
S312	7/20/2000	200 - 300	D1	VC0091	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	9,500 U	1,800 U	1,800 U
S312	7/20/2000	200 - 300	D2	VC0193	2,800 U	2,800 U	1,700	2,800 U	2,800 U	2,800 U	2,800 U	2,800 U	14,000 U	2,800 U	2,800 U
S312	7/20/2000	300 - 400		VC0092	460 U	460 U	460 U	460 U	460 U	460 U	460 U	460 U	2,400 U	460 U	460 U
S312	7/20/2000	400 - 500		VC0093	740 U	740 U	740 U	740 U	740 U	740 U	740 U	740 U	3,800 U	740 U	740 U
S312	7/20/2000	500 - 600		VC0094	790 U	1,200	950	460	790 U	790 U	790 U	790 U	4,100 U	790 U	790 U
S312	7/20/2000	600 - 700		VC0095	870 U	870 U	870 U	870 U	870 U	870 U	870 U	870 U	4,500 U	870 U	870 U
S313	7/18/2000	0 - 15		VC0187	85,000	19,000	95,000	100,000	65,000	57,000	35,000	60,000	59,000 U	11,000 U	11,000 U
S313	7/18/2000	15 - 30		VC0188	5,200	3,000	8,500	14,000	12,000	9,400	7,300	11,000	2,100 UJ	400 U	400 U
S313	7/18/2000	30 - 100	D1	VC0097	5,300	790 J	3,600	2,900	2,200	1,600	1,200 U	1,600	6,200 U	1,200 U	1,200 U
S313	7/18/2000	30 - 100	D2	VC0194	4,900	960	3,000	2,400	1,800	1,500	1,200	1,500	320 U	63 U	63 U
S313	7/18/2000	100 - 200		VC0098	14,000 J	2,100 J	12,000 J	8,800 J	7,000 J	5,400 J	4,300 J	5,800 J	3,100 UJ	610 UJ	610 UJ
S313	7/18/2000	200 - 300		VC0099	1,500	820	2,800	3,600	2,900	2,400	1,900	2,600	1,600 U	320 U	320 U
S313	7/18/2000	300 - 400		VC0100	540 J	160 J	1,700 J	2,500 J	2,600 J	1,400 J	1,500 J	1,700 J	560 UJ	110 UJ	110 UJ
S313	7/18/2000	400 - 500		VC0101	16,000	3,300	18,000	19,000	13,000	11,000	6,600	11,000	1,500 U	300 U	300 U
S313	7/18/2000	500 - 600		VC0102	140	60 U	180	310	270	170	110	230	310 U	60 U	60 U
S313	7/18/2000	600 - 700		VC0103	66 U	66 U	66 U	66 U	66 U	66 U	66 U	66 U	340 U	66 U	66 U
S313	7/18/2000	700 - 800		VC0104	76	62 U	100	110	72	51 J	62 U	65	320 U	62 U	62 U
S314	8/10/2000	0 - 15		SF0072	1,400 UJ	1,800 J	1,400 UJ	2,600 J	1,800 J	2,000 J	1,400 UJ	1,800 J	7,100 UJ	1,400 UJ	1,400 UJ
S314	8/10/2000	15 - 30		SF0073	1,500 UJ	1,500 UJ	1,500 UJ	1,500 UJ	1,500 UJ	1,500 UJ	1,500 UJ	1,500 UJ	7,700 UJ	1,500 UJ	1,500 UJ
S314	7/19/2000	30 - 100	D1	VC0105	1,300 U	1,300 U	1,300 U	830 J	1,300 U	1,300 U	1,300 U	1,300 U	6,800 U	1,300 U	1,300 U
S314	7/19/2000	30 - 100	D2	VC0200	990 U	9,200	990 U	790 J	990 U	990 U	990 U	990 U	5,100 U	990 U	990 U
S314	7/19/2000	100 - 200		VC0106	91	64	360	600	600	290	480	320	310 U	60 U	60 U
S314	7/19/2000	200 - 300		VC0107	85,000	3,900	58,000	10,000	3,900	3,500	1,600	3,900	1,700 U	330 U	330 U
S314	7/19/2000	300 - 400		VC0108	650	260	810	65 U	860	750	560	770	330 U	65 U	65 U
S314	7/19/2000	400 - 500		VC0109	400	140	670	810	550	450	360	500	330 U	63 U	63 U
S314	7/19/2000	500 - 600		VC0110	1,600	650	3,700	3,800	2,800	1,500	1,500	1,800	960 U	190 U	190 U
S314	7/19/2000	600 - 700		VC0111	340 U	340 U	340 U	490	340	320 J	210 J	310 J	1,800 U	340 U	340 U
S314	7/19/2000	700 - 800		VC0112	64 U	64 U	140	300	320	150	250	180	330 U	64 U	64 U

Table B1-16. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Acenaphthene (µg/kg-dw)	Acenaphthylene (µg/kg-dw)	Anthracene (µg/kg-dw)	Benzo(a) anthracene (µg/kg-dw)	Benzo(a) pyrene (µg/kg-dw)	Benzo(b) fluoranthene (µg/kg-dw)	Benzo(g,h,i) perylene (µg/kg-dw)	Benzo(k) fluoranthene (µg/kg-dw)	Benzyl Alcohol (µg/kg-dw)	Bis(2-chloroethoxy) methane (µg/kg-dw)	Bis(2-chloroethyl) ether (µg/kg-dw)
S315	8/11/2000	0 - 15		SF0074	130 U	200	130 U	600	670	740	540	620	670 UJ	130 U	130 U
S315	8/14/2000	15 - 30		SF0075	130 UJ	130 UJ	130 UJ	130 UJ	130 UJ	130 UJ	130 UJ	130 UJ	640 UJ	130 UJ	130 UJ
S315	7/19/2000	30 - 100		VC0113	63 J	100	150	340	300	300	260	240	470 U	92 U	92 U
S315	7/19/2000	100 - 200		VC0114	330	360	610	1,100	910	820	660	800	470 U	92 U	92 U
S315	7/19/2000	200 - 300		VC0115	870	260	830	1,000	850	660	580	720	400 U	77 U	77 U
S315	7/19/2000	300 - 400		VC0116	460	250	760	950	720	510	410	600	390 U	75 U	75 U
S315	7/19/2000	400 - 500		VC0117	1,200	300	1,500	1,500	990	700	580	790	350 U	68 U	68 U
S315	7/19/2000	500 - 600		VC0118	520	94	760	640	520	260	320	310	310 U	61 U	61 U
S315	7/19/2000	600 - 673		VC0119	80	58 U	260	540	510	350	330	420	300 U	58 U	58 U
S315	7/19/2000	673 - 767		VC0120	63 U	63 U	63 U	63 U	63 U	63 U	63 U	63 U	330 U	63 U	63 U
S316	8/10/2000	0 - 15		SF0076	440	310	1,000	1,800	2,000	1,200	1,300	1,400	440 UJ	86 U	86 U
S316	8/10/2000	15 - 30		SF0077	1,300	210 U	3,400	4,100	3,200	2,000	1,300	2,700	1,100 U	210 U	210 U
S316	7/15/2000	30 - 102		VC0121	690 J	97 J	2,400 J	2,900 J	2,200 J	1,500 J	1,000 J	1,800 J	480 UJ	94 UJ	94 UJ
S316	7/15/2000	102 - 201		VC0122	130	55 U	140	210	170	110	94	150	290 U	55 U	55 U
S316	7/15/2000	201 - 300		VC0123	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ	310 UJ	59 UJ	59 UJ
S316	7/15/2000	300 - 400		VC0124	62 UJ	62 UJ	62 UJ	62 UJ	62 UJ	62 UJ	62 UJ	62 UJ	320 UJ	62 UJ	62 UJ
S316	7/15/2000	400 - 500		VC0125	66 U	66 U	66 U	66 U	66 U	66 U	66 U	66 U	340 U	66 U	66 U
S316	7/15/2000	500 - 600		VC0126	62 U	62 U	62 U	62 U	62 U	62 U	62 U	62 U	320 U	62 U	62 U
S316	7/15/2000	600 - 700		VC0127	60 UJ	60 UJ	60 UJ	60 UJ	60 UJ	60 UJ	60 UJ	60 UJ	310 UJ	60 UJ	60 UJ
S316	7/15/2000	700 - 800		VC0128	58 UJ	58 UJ	58 UJ	58 UJ	58 UJ	58 UJ	58 UJ	58 UJ	300 UJ	58 UJ	58 UJ
S317	8/11/2000	0 - 15		SF0078	160	520	1,100	1,900	2,100	1,700	1,100	1,600	450 U	86 U	86 U
S317	8/4/2000	15 - 30		SF0079	130	290	650	1,000	1,000	820	770	770	380 UJ	73 U	73 U
S317	7/15/2000	30 - 100		VC0129	260	240	540	960	790	700	590	670	390 U	76 U	76 U
S317	7/15/2000	100 - 200		VC0130	1,800	1,000	2,700	3,500	2,700	1,800	1,500	2,000	1,100 U	210 U	210 U
S317	7/15/2000	200 - 300		VC0131	3,800	800	4,200	3,600	2,700	1,500	1,500	1,800	940 U	180 U	180 U
S317	7/15/2000	300 - 400		VC0132	8,500	1,200	10,000	7,100	5,300	2,500	2,800	2,800	3,200 U	620 U	620 U
S317	7/15/2000	400 - 500		VC0133	300	74	840	1,600	1,400	930	830	1,100	300 U	58 U	58 U
S317	7/15/2000	500 - 600		VC0134	2,400 J	350 J	2,900 J	2,800 J	2,600 J	1,200 J	1,800 J	1,300 J	630 UJ	120 UJ	120 UJ
S317	7/15/2000	600 - 700		VC0135	58 UJ	58 UJ	58 UJ	58 UJ	58 UJ	58 UJ	58 UJ	58 UJ	300 UJ	58 UJ	58 UJ
S318	7/14/2000	0 - 15		VC0189	70 J	77 J	210 J	350 J	370 J	250 J	250 J	290 J	220 UJ	42 UJ	42 UJ
S318	7/14/2000	15 - 30		VC0190	280	280	880	1,500	1,400	860	850	960	220 U	42 U	42 U
S318	7/14/2000	30 - 100		VC0137	38 J	33 J	110	190	210	150	150	160	210 U	41 U	41 U
S318	7/14/2000	100 - 200		VC0138	52 UJ	52 UJ	52 UJ	52 UJ	52 UJ	52 UJ	52 UJ	52 UJ	270 UJ	52 UJ	52 UJ
S318	7/14/2000	200 - 300		VC0139	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ	280 UJ	55 UJ	55 UJ
S318	7/14/2000	300 - 400		VC0140	57 U	57 U	57 U	57 U	57 U	57 U	57 U	57 U	290 U	57 U	57 U
S318	7/14/2000	400 - 500		VC0141	64 U	64 U	64 U	64 U	64 U	64 U	64 U	64 U	330 U	64 U	64 U
S318	7/14/2000	500 - 600		VC0142	63 UJ	63 UJ	63 UJ	63 UJ	63 UJ	63 UJ	63 UJ	63 UJ	320 UJ	63 UJ	63 UJ
S318	7/14/2000	600 - 700		VC0143	59 U	59 U	59 U	59 U	59 U	59 U	59 U	59 U	310 U	59 U	59 U
S318	7/14/2000	700 - 800		VC0144	57 U	57 U	57 U	57 U	57 U	57 U	57 U	57 U	290 U	57 U	57 U
S319	8/4/2000	0 - 15		SF0082	170 J	350 J	620 J	1,600 J	1,700 J	1,200 J	1,100 J	1,300 J	350 UJ	68 UJ	68 UJ
S319	8/4/2000	15 - 30		SF0083	130	300	430	1,000	1,100	760	780	770	340 U	66 U	66 U
S319	7/14/2000	30 - 100		VC0145	470	520	1,400	1,800	1,700	1,400	1,100	1,200	370 U	71 U	71 U
S319	7/14/2000	100 - 200		VC0146	17,000	3,200	15,000	9,400	7,000	3,700	3,000	4,700	3,300 U	650 U	650 U
S319	7/14/2000	200 - 300		VC0147	11,000	2,100	9,400	5,700	4,200	1,900	1,900	2,500	3,300 U	630 U	630 U
S319	7/14/2000	300 - 400		VC0148	6,900	2,200	15,000	14,000	12,000	5,300	6,300	5,600	3,200 U	630 U	630 U
S319	7/14/2000	400 - 500		VC0149	390	130	1,300	2,400	2,600	1,600	1,600	1,800	310 U	60 U	60 U
S319	7/14/2000	500 - 600		VC0150	57 J	61 U	84	100	85	40 J	61 U	58 J	310 U	61 U	61 U
S319	7/14/2000	600 - 700		VC0151	60 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U	310 U	60 U	60 U
S319	7/14/2000	700 - 800		VC0152	59 U	59 U	59 U	59 U	59 U	59 U	59 U	59 U	300 U	59 U	59 U

Table B1-16. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Acenaphthene (µg/kg-dw)	Acenaphthylene (µg/kg-dw)	Anthracene (µg/kg-dw)	Benzo(a) anthracene (µg/kg-dw)	Benzo(a) pyrene (µg/kg-dw)	Benzo(b) fluoranthene (µg/kg-dw)	Benzo(g,h,i) perylene (µg/kg-dw)	Benzo(k) fluoranthene (µg/kg-dw)	Benzyl Alcohol (µg/kg-dw)	Bis(2-chloroethoxy) methane (µg/kg-dw)	Bis(2-chloroethyl) ether (µg/kg-dw)
S320	8/13/2000	0 - 15		SF0084	96 U	96 U	140	350	450	360	350	430	500 U	96 U	96 U
S320	8/14/2000	15 - 30		SF0085	100 UJ	100 UJ	160 J	430 J	530 J	450 J	400 J	430 J	530 UJ	100 UJ	100 UJ
S320	7/13/2000	30 - 100		VC0153	170 J	250	570	960	1,000	1,000	710	790	920 U	180 U	180 U
S320	7/13/2000	100 - 200		VC0154	2,100 J	1,100 J	3,500 J	3,600 J	2,900 J	2,300 J	1,800 J	2,300 J	850 UJ	160 UJ	160 UJ
S320	7/13/2000	200 - 300		VC0155	71 U	44	110	220	240	230	180	210	370 U	71 U	71 U
S320	7/13/2000	300 - 400		VC0156	71,000	8,000	42,000	19,000	12,000	6,800	4,200 J	5,700 J	30,000 U	5,800 U	5,800 U
S320	7/13/2000	400 - 500		VC0157	170	62 U	250	380	350	230	190	280	320 U	62 U	62 U
S320	7/13/2000	500 - 600		VC0158	500	50 J	240	110	75	36 J	62 U	49 J	320 U	62 U	62 U
S320	7/13/2000	600 - 700		VC0159	62 U	62 U	62 U	62 U	62 U	62 U	62 U	62 U	320 U	62 U	62 U
S321	8/4/2000	0 - 15		SF0086	46 U	81	110	360	430	320	280	380	240 U	46 U	46 U
S321	8/4/2000	15 - 30		SF0087	360	200	1,900	2,800	2,300	1,500	1,200	1,700	690 U	130 U	130 U
S321	7/13/2000	30 - 100		VC0161	43 U	43 U	43 U	43 U	43 U	43 U	43 U	43 U	220 U	43 U	43 U
S321	7/13/2000	100 - 200		VC0162	49 U	49 U	49 U	49 U	49 U	49 U	49 U	49 U	250 U	49 U	49 U
S321	7/13/2000	200 - 300		VC0163	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	260 U	50 U	50 U
S321	7/13/2000	300 - 400		VC0164	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	260 U	50 U	50 U
S321	7/13/2000	400 - 500		VC0165	52 U	52 U	52 U	52 U	52 U	52 U	52 U	52 U	270 U	52 U	52 U
S321	7/13/2000	500 - 560		VC0166	54 U	54 U	54 U	54 U	54 U	54 U	54 U	54 U	280 U	54 U	54 U
S321	7/13/2000	560 - 600		VC0167B	55 U	55 U	55 U	55 U	55 U	55 U	55 U	55 U	280 U	55 U	55 U
S321	7/13/2000	600 - 700		VC0167	56 U	56 U	56 U	56 U	56 U	56 U	56 U	56 U	290 U	56 U	56 U
S321	7/13/2000	700 - 800		VC0168	56 U	56 U	56 U	56 U	56 U	56 U	56 U	56 U	290 U	56 U	56 U
S322	8/10/2000	0 - 15		SF0088	2,200 J	560 J	2,500 J	2,500 J	2,300 J	1,700 J	1,400 J	1,800 J	1,000 UJ	200 UJ	200 UJ
S322	8/10/2000	15 - 30		SF0089	3,500 J	830 J	3,200 J	3,700 J	3,300 J	2,400 J	1,900 J	2,400 J	3,400 UJ	650 UJ	650 UJ
S322	7/13/2000	30 - 100		VC0169	820	380	1,100	1,100	1,200	910	580	790	330 U	64 U	64 U
S322	7/13/2000	100 - 200		VC0170	790 J	170 J	670 J	550 J	420 J	280 J	230 J	330 J	270 UJ	52 UJ	52 UJ
S322	7/13/2000	200 - 300		VC0171	58 U	58 U	58 U	58 U	58 U	58 U	58 U	58 U	300 U	58 U	58 U
S322	7/13/2000	300 - 400		VC0172	56 U	56 U	56 U	56 U	56 U	56 U	56 U	56 U	290 U	56 U	56 U
S322	7/13/2000	400 - 500	D1	VC0173	54 U	54 U	54 U	54 U	54 U	54 U	54 U	54 U	280 U	54 U	54 U
S322	7/13/2000	400 - 500	D2	VC0185	54 UJ	54 UJ	54 UJ	54 UJ	54 UJ	54 UJ	54 UJ	54 UJ	280 UJ	54 UJ	54 UJ
S322	7/13/2000	500 - 600		VC0174	53 U	53 U	53 U	53 U	53 U	53 U	53 U	53 U	270 U	53 U	53 U
S322	7/13/2000	600 - 700		VC0175	52 U	52 U	52 U	52 U	52 U	52 U	52 U	52 U	270 U	52 U	52 U
S322	7/13/2000	700 - 800		VC0176	49 U	49 U	49 U	49 U	49 U	49 U	49 U	49 U	250 U	49 U	49 U
S323	8/13/2000	0 - 15		SF0090	61 U	61 U	61 U	250	250	280	230	240	310 U	61 U	61 U
S323	8/4/2000	15 - 30		SF0091	620	470	1,700	1,800	1,500	1,100	1,000	1,100	840 UJ	160 U	160 U
S323	7/12/2000	30 - 100		VC0177	600	610 J	1,300	2,200	1,900	1,400	1,100	1,400	830 U	160 U	160 U
S323	7/12/2000	100 - 200		VC0178	2,200	960	3,000	2,800	2,100	1,100	940	1,300	660 U	130 U	130 U
S323	7/12/2000	200 - 300		VC0179	910	410 J	1,900	2,000	1,600	820	900	900	680 U	130 U	130 U
S323	7/12/2000	300 - 400		VC0180	57 J	60 U	280	780	710	430	420	560	310 U	60 U	60 U
S323	7/12/2000	400 - 500		VC0181	59 U	59 U	110	300	220	140	96	180	300 U	59 U	59 U
S323	7/12/2000	500 - 600		VC0182	54 U	54 U	54 U	54 U	54 U	54 U	54 U	54 U	280 U	54 U	54 U
S323	7/12/2000	600 - 700		VC0183	53 U	53 U	53 U	53 U	53 U	53 U	53 U	53 U	270 U	53 U	53 U
S323	7/12/2000	700 - 800		VC0184	52 U	52 U	52 U	52 U	52 U	52 U	52 U	52 U	270 U	52 U	52 U

Table B1-16. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Bis(2-ethylhexyl) phthalate (µg/kg-dw)	4-Bromophenyl-phenyl ether (µg/kg-dw)	Butylbenzyl phthalate (µg/kg-dw)	Carbazole (µg/kg-dw)	4-Chloro-3-methylphenol (µg/kg-dw)	4-Chloro-aniline (µg/kg-dw)	2-Chloro-naphthalene (µg/kg-dw)	2-Chloro-phenol (µg/kg-dw)	4-Chlorophenyl-phenyl ether (µg/kg-dw)	Chrysene (µg/kg-dw)	Dibenz(a,h) anthracene (µg/kg-dw)	Dibenzofuran (µg/kg-dw)
S301	7/22/2000	0 - 15		VC0215	280 UJ	62 UJ	62 UJ	62 UJ	320 UJ	62 UR	62 UJ	62 UJ	62 UJ	62 UJ	62 UJ	62 UJ
S301	7/22/2000	15 - 30		VC0024	470 U	66 U	66 U	66 U	340 U	66 UR	66 U	66 U	66 U	110 J	66 U	66 U
S301	7/22/2000	30 - 56		VC0001	80 J	73 UJ	73 UJ	73 UJ	370 UJ	73 UR	73 UJ	73 UJ	73 UJ	73 UJ	73 UJ	73 UJ
S301	7/22/2000	56 - 156	D1	VC0002	290	59 U	59 U	59 U	300 U	59 UR	59 U	59 U	59 U	69	59 U	59 U
S301	7/22/2000	56 - 156	D2	VC0195	300 U	60 U	60 U	60 U	310 U	60 UR	60 U	60 U	60 U	64 J	60 U	60 U
S301	7/22/2000	156 - 256		VC0003	220 J	65 UJ	65 UJ	65 UJ	330 UJ	65 UR	65 UJ	65 UJ	65 UJ	89 J	65 UJ	65 UJ
S301	7/22/2000	256 - 356		VC0004	75 J	64 UJ	64 UJ	64 UJ	330 UJ	64 UR	64 UJ	64 UJ	64 UJ	74 J	64 UJ	64 UJ
S301	7/22/2000	356 - 437		VC0005	66 UJ	66 UJ	66 UJ	66 UJ	340 UJ	66 UJ	66 UJ	66 UJ	66 UJ	270 J	66 UJ	66 UJ
S301	7/22/2000	437 - 537		VC0006	58 UJ	58 UJ	58 UJ	58 UJ	300 UJ	58 UJ	58 UJ	58 UJ	58 UJ	58 UJ	58 UJ	58 UJ
S301	7/22/2000	537 - 637		VC0007	52 UJ	52 UJ	52 UJ	52 UJ	270 UJ	52 UR	52 UJ	52 UJ	52 UJ	52 UJ	52 UJ	52 UJ
S301	7/22/2000	637 - 730		VC0008	46 UJ	46 UJ	46 UJ	46 UJ	230 UJ	46 UR	46 UJ	46 UJ	46 UJ	46 UJ	46 UJ	46 UJ
S302	8/12/2000	0 - 15		SF0048	290 U	77 U	77 U	77 U	400 U	77 UJ	77 U	77 U	77 U	300	77 U	77 U
S302	8/14/2000	15 - 30		SF0049	170 J	65 UJ	65 UJ	65 UJ	340 UJ	65 UJ	65 UJ	65 UJ	65 UJ	100 J	65 UJ	65 UJ
S302	7/22/2000	30 - 59		VC0009	120 J	64 UJ	64 UJ	64 UJ	330 UJ	64 UR	64 UJ	64 UJ	64 UJ	64 UJ	64 UJ	64 UJ
S302	7/22/2000	59 - 159		VC0010	420 J	60 UJ	60 UJ	60 UJ	310 UJ	60 UJ	60 UJ	60 UJ	60 UJ	150 J	60 UJ	60 UJ
S302	7/22/2000	159 - 259		VC0011	220	64 U	64 U	64 U	330 U	64 UR	64 U	64 U	64 U	97	64 U	64 U
S302	7/22/2000	259 - 359		VC0012	310 J	67 UJ	67 UJ	67 UJ	350 UJ	67 UJ	67 UJ	67 UJ	67 UJ	130 J	67 UJ	67 UJ
S302	7/22/2000	359 - 459		VC0013	78	66 U	66 U	66 U	340 U	66 UR	66 U	66 U	66 U	83	66 U	66 U
S302	7/22/2000	459 - 559		VC0014	64 U	64 U	64 U	64 U	330 U	64 UR	64 U	64 U	64 U	150	64 U	64 U
S302	7/22/2000	559 - 659		VC0015	64 U	64 U	64 U	64 U	330 U	64 UR	64 U	64 U	64 U	64 U	64 U	64 U
S302	7/22/2000	659 - 761		VC0016	59 UJ	59 UJ	59 UJ	59 UJ	300 UJ	59 UR	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ
S303	8/12/2000	0 - 15		SF0038	520 U	110 U	110 U	110 U	570 UJ	110 UJ	110 U	110 UJ	110 U	260	110 U	110 U
S303	7/22/2000	15 - 30		VC0214	770 J	80 U	80 U	80 U	410 U	80 UR	80 U	80 U	80 U	80 U	80 U	80 U
S303	7/22/2000	30 - 100		VC0017	1,300 J	81 UJ	81 UJ	81 UJ	420 UJ	81 UJ	81 UJ	81 UJ	81 UJ	460 J	81 UJ	81 UJ
S303	7/22/2000	100 - 200		VC0018	72 U	72 U	72 U	72 U	370 U	72 UR	72 U	72 U	72 U	72 U	72 U	72 U
S303	7/22/2000	200 - 300		VC0019	74 UJ	74 UJ	74 UJ	74 UJ	380 UJ	74 UJ	74 UJ	74 UJ	74 UJ	74 UJ	74 UJ	74 UJ
S303	7/22/2000	300 - 400	D1	VC0020	66 UJ	66 UJ	66 UJ	66 UJ	340 UJ	66 UJ	66 UJ	66 UJ	66 UJ	66 UJ	66 UJ	66 UJ
S303	7/22/2000	300 - 400	D2	VC0198	66 UJ	66 UJ	66 UJ	66 UJ	340 UJ	66 UR	66 UJ	66 UJ	66 UJ	66 UJ	66 UJ	66 UJ
S303	7/22/2000	400 - 500		VC0021	60 UJ	60 UJ	60 UJ	60 UJ	310 UJ	60 UJ	60 UJ	60 UJ	60 UJ	60 UJ	60 UJ	60 UJ
S303	7/22/2000	500 - 600		VC0022	56 UJ	56 UJ	56 UJ	56 UJ	290 UJ	56 UJ	56 UJ	56 UJ	56 UJ	56 UJ	56 UJ	56 UJ
S303	7/22/2000	600 - 618		VC0023	51 U	51 U	51 U	51 U	260 U	51 UR	51 U	51 U	51 U	51 U	51 U	51 U
S304	8/9/2000	0 - 15		SF0052	160 J	54 U	54 U	54 U	280 U	54 U	54 U	54 U	54 U	160 J	54 U	54 U
S304	8/9/2000	15 - 30		SF0053	150 J	48 U	48 U	48 U	250 U	48 U	48 U	48 U	48 U	240 J	48 U	48 U
S304	7/21/2000	30 - 100		VC0025	300 J	56 U	56 U	56 U	290 U	56 U	56 U	56 U	56 U	61	56 U	56 U
S304	7/21/2000	100 - 200		VC0026	81 J	60 UJ	60 UJ	60 UJ	310 UJ	60 UJ	60 UJ	60 UJ	60 UJ	60 UJ	60 UJ	60 UJ
S304	7/21/2000	200 - 300	D1	VC0027	120 J	64 UJ	64 UJ	64 UJ	330 UJ	64 UJ	64 UJ	64 UJ	64 UJ	64 UJ	64 UJ	64 UJ
S304	7/21/2000	200 - 300	D2	VC0201	360 J	64 UJ	64 UJ	64 UJ	330 UJ	64 UJ	64 UJ	64 UJ	64 UJ	160 J	64 UJ	64 UJ
S304	7/21/2000	300 - 400		VC0028	78 J	63 UJ	63 UJ	63 UJ	330 UJ	63 UJ	63 UJ	63 UJ	63 UJ	120 J	63 UJ	63 UJ
S304	7/21/2000	400 - 500		VC0029	62 UJ	62 UJ	62 UJ	62 UJ	320 UJ	62 UJ	62 UJ	62 UJ	62 UJ	160 J	62 UJ	62 UJ
S304	7/21/2000	500 - 600		VC0030	130 U	130 U	130 U	130 U	670 U	130 U	130 U	130 U	130 U	130 U	130 U	130 U
S304	7/21/2000	600 - 700		VC0031	120 U	120 U	120 U	120 U	600 U	120 U	120 U	120 U	120 U	190	120 U	120 U
S304	7/21/2000	700 - 727		VC0032	62 U	62 U	62 U	62 U	320 U	62 U	62 U	62 U	62 U	130	62 U	62 U
S305	8/12/2000	0 - 15		SF0054	230 U	72 U	72 U	72 U	370 U	72 UJ	72 U	72 U	72 U	72 U	72 U	72 U
S305	8/4/2000	15 - 30		SF0055	100 J	69 UJ	69 UJ	69 UJ	360 UJ	69 UJ	69 UJ	69 UJ	69 UJ	200 J	69 UJ	69 UJ
S305	7/21/2000	30 - 100		VC0033	160 J	56 U	56 U	56 U	290 UJ	56 U	56 U	56 UJ	56 U	87	56 U	56 U
S305	7/21/2000	100 - 200		VC0034	280 J	56 U	56 U	56 U	290 UJ	56 U	56 U	56 UJ	56 U	140	56 U	56 U
S305	7/21/2000	200 - 300		VC0035	150 J	59 UJ	59 UJ	59 UJ	300 UJ	59 UJ	59 UJ	59 UJ	59 UJ	110 J	59 UJ	59 UJ
S305	7/21/2000	300 - 400		VC0036	120 J	60 U	60 U	60 U	310 UJ	60 U	60 U	60 UJ	60 U	140	60 U	60 U
S305	7/21/2000	400 - 500		VC0037	61 UJ	61 UJ	61 UJ	61 UJ	320 UJ	61 UJ	61 UJ	61 UJ	61 UJ	140 J	61 UJ	61 UJ

Table B1-16. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Bis(2-ethylhexyl) phthalate (µg/kg-dw)	4-Bromophenyl-phenyl ether (µg/kg-dw)	Butylbenzyl phthalate (µg/kg-dw)	Carbazole (µg/kg-dw)	4-Chloro-3-methylphenol (µg/kg-dw)	4-Chloro-aniline (µg/kg-dw)	2-Chloro-naphthalene (µg/kg-dw)	2-Chloro-phenol (µg/kg-dw)	4-Chlorophenyl-phenyl ether (µg/kg-dw)	Chrysene (µg/kg-dw)	Dibenz(a,h) anthracene (µg/kg-dw)	Dibenzofuran (µg/kg-dw)
S305	7/21/2000	500 - 600		VC0038	66 U	66 U	66 U	66 U	340 UJ	66 U	66 U	66 UJ	66 U	110	66 UJ	66 U
S305	7/21/2000	600 - 635		VC0211	64 UJ	64 UJ	64 UJ	64 UJ	330 UJ	64 UJ	64 UJ	64 UJ	64 UJ	220 J	64 UJ	64 UJ
S305	7/21/2000	635 - 692		VC0039	70 U	70 U	70 U	70 U	360 U	70 U	70 U	70 U	70 U	200	70 U	70 U
S305	7/21/2000	692 - 737		VC0040	56 U	56 U	56 U	56 U	290 U	56 U	56 U	56 U	56 U	56 U	56 U	56 U
S306	7/21/2000	0 - 15		VC0212	52 UJ	52 UJ	52 UJ	52 UJ	270 UJ	52 UJ	52 UJ	52 UJ	52 UJ	52 UJ	52 UJ	52 UJ
S306	7/21/2000	15 - 30		VC0213	59 UJ	59 UJ	59 UJ	59 UJ	310 UJ	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ
S306	7/21/2000	30 - 100		VC0041	58 U	58 U	58 U	58 U	300 U	58 U	58 U	58 U	58 U	58 U	58 U	58 U
S306	7/21/2000	100 - 200		VC0042	60 U	60 U	60 U	60 U	310 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U
S306	7/21/2000	200 - 300		VC0043	62 UJ	62 UJ	62 UJ	62 UJ	320 UJ	62 UJ	62 UJ	62 UJ	62 UJ	62 UJ	62 UJ	62 UJ
S306	7/21/2000	300 - 400		VC0044	63 UJ	63 UJ	63 UJ	63 UJ	320 UJ	63 UJ	63 UJ	63 UJ	63 UJ	63 UJ	63 UJ	63 UJ
S306	7/21/2000	400 - 500		VC0045	62 UJ	62 UJ	62 UJ	62 UJ	320 UJ	62 UJ	62 UJ	62 UJ	62 UJ	62 UJ	62 UJ	62 UJ
S306	7/21/2000	500 - 600	D1	VC0046	61 UJ	61 UJ	61 UJ	61 UJ	310 UJ	61 UJ	61 UJ	61 UJ	61 UJ	61 UJ	61 UJ	61 UJ
S306	7/21/2000	500 - 600	D2	VC0199	61 UJ	61 UJ	61 UJ	61 UJ	310 UJ	61 UJ	61 UJ	61 UJ	61 UJ	61 UJ	61 UJ	61 UJ
S306	7/21/2000	600 - 700		VC0047	200 J	56 UJ	56 UJ	56 UJ	290 UJ	56 UJ	56 UJ	56 UJ	56 UJ	56 UJ	56 UJ	56 UJ
S306	7/21/2000	700 - 732		VC0048	52 UJ	52 UJ	52 UJ	52 UJ	270 UJ	52 UJ	52 UJ	52 UJ	52 UJ	52 UJ	52 UJ	52 UJ
S307	7/18/2000	0 - 15		VC0196	74	55 U	55 U	390	280 U	55 UJ	55 U	55 U	55 U	2,300	500	98
S307	7/18/2000	15 - 30		VC0197	41 J	52 U	52 U	48 J	270 U	52 UJ	52 U	52 U	52 U	310	41 J	52 U
S307	7/18/2000	30 - 100		VC0049	36 U	57 U	57 U	57 U	290 U	57 UJ	57 U	57 U	57 U	57 U	57 U	57 U
S307	7/18/2000	100 - 200		VC0050	30	57 U	57 U	57 U	300 U	57 UJ	57 U	57 U	57 U	57 U	57 U	57 U
S307	7/18/2000	200 - 300		VC0051	56 U	56 U	56 U	56 U	290 U	56 UJ	56 U	56 U	56 U	56 U	56 U	56 U
S307	7/18/2000	300 - 400		VC0052	460 J	57 U	57 U	57 U	300 U	57 UJ	57 U	57 U	57 U	57 U	57 U	57 U
S307	7/18/2000	400 - 500		VC0053	99 J	41 U	41 U	41 U	210 U	41 UJ	41 U	41 U	41 U	41 U	41 U	41 U
S307	7/18/2000	500 - 600		VC0054	810 J	40 U	40 U	40 U	200 U	40 UJ	40 U	40 U	40 U	40 U	40 U	40 U
S308	8/10/2000	0 - 15		SF0060	670 J	96 UJ	96 UJ	96 UJ	490 UJ	96 UJ	96 UJ	96 UJ	96 UJ	210 J	96 UJ	96 UJ
S308	8/10/2000	15 - 30		SF0061	1,400	86 U	86 U	86 U	440 UJ	86 UJ	86 U	86 UJ	86 U	270	86 U	86 U
S308	7/18/2000	30 - 100	D1	VC0057	1,000 J	100 U	100 U	100 U	530 U	100 UJ	100 U	100 U	100 U	1,100	230	170
S308	7/18/2000	30 - 100	D2	VC0191	870	100 U	100 U	100 U	530 U	100 UJ	100 U	100 U	100 U	1,100	280	200
S308	7/18/2000	100 - 200		VC0058	82 U	82 U	82 U	420	420 U	82 UJ	82 U	82 U	82 U	2,500	330	1,700
S308	7/18/2000	200 - 259		VC0059	73 U	73 U	73 U	73 U	380 U	73 UJ	73 U	73 U	73 U	1,600	270	230
S308	7/18/2000	259 - 359		VC0060	52 J	60 UJ	60 UJ	60 UJ	310 UJ	60 UJ	60 UJ	60 UJ	60 UJ	60 UJ	60 UJ	60 UJ
S308	7/18/2000	359 - 459		VC0061	57 U	57 U	57 U	57 U	290 U	57 UJ	57 U	57 U	57 U	57 U	57 U	57 U
S308	7/18/2000	459 - 559		VC0062	55 U	55 U	55 U	55 U	280 U	55 UJ	55 U	55 U	55 U	55 U	55 U	55 U
S308	7/18/2000	559 - 593		VC0063	54 UJ	54 UJ	54 U	54 U	280 UJ	54 UJ	54 U	54 U	54 UJ	54 U	54 U	54 U
S309	8/14/2000	0 - 15		SF0062	1,600 U	1,600 U	1,600 U	1,600 U	8,100 U	1,600 UJ	1,600 U	1,600 U	1,600 U	1,600	1,600 U	1,600 U
S309	8/14/2000	15 - 30		SF0063	3,800 U	3,800 U	3,800 U	3,800 U	20,000 U	3,800 UJ	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U
S309	7/20/2000	30 - 74		VC0087	2,200 U	2,200 U	2,200 U	2,200 U	11,000 U	2,200 U	2,200 U	2,200 U	2,200 U	2,200 U	2,200 U	1,400
S309	7/20/2000	74 - 174		VC0065	340 U	340 U	340 U	340 U	1,700 U	340 U	340 U	340 U	340 U	480	340 U	340 U
S309	7/20/2000	174 - 274	D1	VC0066	1,900 U	1,900 U	1,900 U	1,600	10,000 U	1,900 U	1,900 U	1,900 U	1,900 U	2,800	1,900 U	6,900
S309	7/20/2000	174 - 274	D2	VC0192	2,000 U	2,000 U	2,000 U	2,000 U	10,000 U	2,000 U	2,000 U	2,000 U	2,000 U	1,900	2,000 U	4,300
S309	7/20/2000	274 - 374		VC0067	1,100 U	1,100 U	1,100 U	2,900	5,400 U	1,100 U	1,100 U	1,100 U	1,100 U	2,200	1,100 U	7,400
S309	7/20/2000	374 - 474		VC0068	1,100 U	1,100 U	1,100 U	2,700	5,400 U	1,100 U	1,100 U	1,100 U	1,100 U	2,800	1,100 U	6,500
S309	7/20/2000	474 - 578		VC0069	500 U	500 U	500 U	930	2,600 U	500 U	500 U	500 U	500 U	1,800	500 U	2,300
S309	7/20/2000	578 - 627		VC0070	1,800 U	1,800 U	1,800 U	13,000	9,200 U	1,800 U	1,800 U	1,800 U	1,800 U	10,000	1,800 U	37,000
S309	7/20/2000	627 - 674		VC0071	140	230 U	230 U	800	1,200 U	230 U	230 U	230 U	230 U	400	230 U	1,500
S309	7/20/2000	674 - 696		VC0072	280 U	280 U	280 U	160	1,400 U	280 U	280 U	280 U	280 U	1,100	150	280 U
S309	7/20/2000	696 - 730		VC0209	85 U	85 U	85 U	85 U	440 U	85 U	85 U	85 U	85 U	1,200	92	290
S309	7/20/2000	730 - 789		VC0210	100 U	100 U	100 U	100 U	520 U	100 U	100 U	100 U	100 U	470	100 U	100 U
S310	8/14/2000	0 - 15		SF0064	930	190 U	190 U	190 U	980 U	190 UJ	190 U	190 U	190 U	340	190 U	190 U
S310	8/14/2000	15 - 30		SF0065	550 J	170 UJ	170 UJ	170 UJ	870 UJ	170 UJ	170 UJ	170 UJ	170 UJ	320 J	170 UJ	170 UJ

Table B1-16. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Bis(2-ethylhexyl) phthalate (µg/kg-dw)	4-Bromophenyl-phenyl ether (µg/kg-dw)	Butylbenzyl phthalate (µg/kg-dw)	Carbazole (µg/kg-dw)	4-Chloro-3-methylphenol (µg/kg-dw)	4-Chloro-aniline (µg/kg-dw)	2-Chloro-naphthalene (µg/kg-dw)	2-Chloro-phenol (µg/kg-dw)	4-Chlorophenyl-phenyl ether (µg/kg-dw)	Chrysene (µg/kg-dw)	Dibenz(a,h) anthracene (µg/kg-dw)	Dibenzofuran (µg/kg-dw)
S310	7/20/2000	30 - 100		VC0073	940	780 U	780 U	780 U	4,000 U	780 U	780 U	780 U	780 U	760	780 U	510
S310	7/20/2000	100 - 200		VC0074	2,000 U	2,000 U	2,000 U	2,000 U	10,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U
S310	7/20/2000	200 - 300		VC0075	3,700 U	3,700 U	3,700 U	3,700 U	19,000 UJ	3,700 U	3,700 U	3,700 UJ	3,700 U	3,700 U	3,700 U	3,700 U
S310	7/20/2000	300 - 400	D1	VC0076	850 U	850 U	850 U	850 U	4,400 U	850 U	850 U	850 U	850 U	850 U	850 U	2,300
S310	7/20/2000	300 - 400	D2	VC0186	2,500 U	2,500 U	2,500 U	2,500 U	13,000 U	2,500 U	2,500 U	2,500 U	2,500 U	2,500 U	2,500 U	1,300
S310	7/20/2000	400 - 500		VC0077	920 U	920 U	920 U	920 U	4,700 U	920 U	920 U	920 U	920 U	920 U	920 U	560
S310	7/20/2000	500 - 600		VC0078	310 U	310 U	310 U	310 U	1,600 U	310 U	310 U	310 U	310 U	310 U	310 U	310 U
S310	7/20/2000	600 - 653		VC0079	730 U	730 U	730 U	730 U	3,700 U	730 U	730 U	730 U	730 U	730 U	730 U	730 U
S310	7/20/2000	653 - 724		VC0080	1,900 U	1,900 U	1,900 U	1,900 U	10,000 U	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U
S311	7/20/2000	0 - 15		VC0207	560	350 U	350 U	350 U	1,800 U	350 U	350 U	350 U	350 U	350 U	350 U	350 U
S311	7/20/2000	15 - 30		VC0208	620 U	620 U	620 U	620 U	3,200 U	620 U	620 U	620 U	620 U	1,900	620 U	620 U
S311	7/20/2000	30 - 100		VC0081	440 U	440 U	440 U	440 U	2,300 U	440 U	440 U	440 U	440 U	440 U	440 U	440 U
S311	7/20/2000	100 - 200		VC0082	110 U	110 U	110 U	56	550 U	110 U	110 U	110 U	110 U	310	110 U	99
S311	7/20/2000	200 - 300		VC0083	99 U	99 U	99 U	99 U	510 U	99 U	99 U	99 U	99 U	76	99 U	99 U
S311	7/20/2000	300 - 400		VC0084	110 U	110 U	110 U	110 U	540 U	110 U	110 U	110 U	110 U	110 U	110 U	110 U
S311	7/20/2000	400 - 500		VC0085	110 U	110 U	110 U	110 U	560 U	110 U	110 U	110 U	110 U	58	110 U	110 U
S311	7/20/2000	500 - 600		VC0086	130 U	130 U	130 U	130 U	650 U	130 U	130 U	130 U	130 U	81	130 U	130 U
S312	8/14/2000	0 - 15		SF0068	3,400 U	3,400 U	3,400 U	3,400 U	18,000 U	3,400 UJ	3,400 U	3,400 U	3,400 U	3,400 U	3,400 U	3,400 U
S312	8/14/2000	15 - 30		SF0069	6,100 U	6,100 U	6,100 U	6,100 U	32,000 U	6,100 UJ	6,100 U	6,100 U	6,100 U	6,100 U	6,100 U	6,100 U
S312	7/20/2000	30 - 100		VC0089	3,100 U	3,100 U	3,100 U	3,100 U	16,000 U	3,100 U	3,100 U	3,100 U	3,100 U	3,100 U	3,100 U	3,100 U
S312	7/20/2000	100 - 200		VC0090	2,900 U	2,900 U	2,900 U	2,900 U	15,000 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U
S312	7/20/2000	200 - 300	D1	VC0091	1,800 U	1,800 U	1,800 U	1,800 U	9,500 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U	1,800 U
S312	7/20/2000	200 - 300	D2	VC0193	2,800 U	2,800 U	2,800 U	2,800 U	14,000 U	2,800 U	2,800 U	2,800 U	2,800 U	2,800 U	2,800 U	2,800 U
S312	7/20/2000	300 - 400		VC0092	460 U	460 U	460 U	460 U	2,400 U	460 U	460 U	460 U	460 U	460 U	460 U	460 U
S312	7/20/2000	400 - 500		VC0093	740 U	740 U	740 U	740 U	3,800 U	740 U	740 U	740 U	740 U	740 U	740 U	740 U
S312	7/20/2000	500 - 600		VC0094	790 U	790 U	790 U	790 U	4,100 U	790 U	790 U	790 U	790 U	490	790 U	560
S312	7/20/2000	600 - 700		VC0095	870 U	870 U	870 U	870 U	4,500 U	870 U	870 U	870 U	870 U	870 U	870 U	870 U
S313	7/18/2000	0 - 15		VC0187	11,000 U	11,000 U	11,000 U	19,000	59,000 U	11,000 UJ	11,000 U	11,000 U	11,000 U	######	17,000	81,000
S313	7/18/2000	15 - 30		VC0188	660	400 U	400 U	1,800	2,100 UJ	400 UJ	400 U	400 UJ	400 U	14,000	2,700	5,000
S313	7/18/2000	30 - 100	D1	VC0097	1,200 U	1,200 U	1,200 U	1,100 J	6,200 U	1,200 UJ	1,200 U	1,200 U	1,200 U	2,900	1,200 U	4,500
S313	7/18/2000	30 - 100	D2	VC0194	420	63 U	63 U	810	320 U	63 UJ	63 U	63 U	63 U	2,700	440	4,000
S313	7/18/2000	100 - 200		VC0098	610 UJ	610 UJ	610 UJ	3,100 J	3,100 UJ	610 UJ	610 UJ	610 UJ	610 UJ	9,500 J	1,500 J	9,400 J
S313	7/18/2000	200 - 300		VC0099	320 U	320 U	320 U	440	1,600 U	320 UJ	320 U	320 U	320 U	4,000	700	1,000
S313	7/18/2000	300 - 400		VC0100	110 UJ	110 UJ	110 UJ	110 UJ	560 UJ	110 UJ	110 UJ	110 UJ	110 UJ	2,500 J	430 J	240 J
S313	7/18/2000	400 - 500		VC0101	560 J	300 U	300 U	3,900	1,500 U	300 U	300 U	300 U	300 U	18,000	3,500	15,000
S313	7/18/2000	500 - 600		VC0102	60 U	60 U	60 U	60 U	310 U	60 UJ	60 U	60 U	60 U	280	54 J	78
S313	7/18/2000	600 - 700		VC0103	38 J	66 U	66 U	66 U	340 U	66 UJ	66 U	66 U	66 U	66 U	66 U	66 U
S313	7/18/2000	700 - 800		VC0104	34 J	62 U	62 U	62 U	320 U	62 UJ	62 U	62 U	62 U	100	62 U	74
S314	8/10/2000	0 - 15		SF0072	1,400 UJ	1,400 UJ	1,400 UJ	1,400 UJ	7,100 UJ	1,400 UJ	1,400 UJ	1,400 UJ	1,400 UJ	3,200 J	1,400 UJ	2,700 J
S314	8/10/2000	15 - 30		SF0073	1,500 UJ	1,500 UJ	1,500 UJ	1,500 UJ	7,700 UJ	1,500 UJ	1,500 UJ	1,500 UJ	1,500 UJ	1,500 UJ	1,500 UJ	2,000 J
S314	7/19/2000	30 - 100	D1	VC0105	1,300 U	1,300 U	1,300 U	1,300 U	6,800 U	1,300 U	1,300 U	1,300 U	1,300 U	890 J	1,300 U	1,400
S314	7/19/2000	30 - 100	D2	VC0200	990 U	990 U	990 U	990 U	5,100 U	990 U	990 U	990 U	990 U	830 J	990 U	1,100
S314	7/19/2000	100 - 200		VC0106	68 U	60 U	60 U	60 U	310 U	60 U	60 U	60 U	60 U	600	60 U	60 U
S314	7/19/2000	200 - 300		VC0107	330 U	330 U	330 U	21,000	1,700 U	330 U	330 U	330 U	330 U	9,300	690	37,000
S314	7/19/2000	300 - 400		VC0108	67 U	65 U	65 U	210	330 U	65 U	65 U	65 U	65 U	1,200	200	400
S314	7/19/2000	400 - 500		VC0109	63 U	63 U	63 U	62 J	330 U	63 U	63 U	63 U	63 U	870	130	300
S314	7/19/2000	500 - 600		VC0110	190 U	190 U	190 U	120 J	960 U	190 U	190 U	190 U	190 U	3,600	550	370
S314	7/19/2000	600 - 700		VC0111	360 U	340 U	340 U	340 U	1,800 U	340 U	340 U	340 U	340 U	560	340 U	410
S314	7/19/2000	700 - 800		VC0112	64 U	64 U	64 U	64 U	330 U	64 U	64 U	64 U	64 U	300	64 U	64 U

Table B1-16. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Bis(2-ethylhexyl) phthalate (µg/kg-dw)	4-Bromophenyl-phenyl ether (µg/kg-dw)	Butylbenzyl phthalate (µg/kg-dw)	Carbazole (µg/kg-dw)	4-Chloro-3-methylphenol (µg/kg-dw)	4-Chloro-aniline (µg/kg-dw)	2-Chloro-naphthalene (µg/kg-dw)	2-Chloro-phenol (µg/kg-dw)	4-Chlorophenyl-phenyl ether (µg/kg-dw)	Chrysene (µg/kg-dw)	Dibenz(a,h) anthracene (µg/kg-dw)	Dibenzofuran (µg/kg-dw)
S315	8/11/2000	0 - 15		SF0074	5,100	130 U	130 U	130 U	670 UJ	130 UJ	130 U	130 UJ	130 U	830	270	130 U
S315	8/14/2000	15 - 30		SF0075	160 J	130 UJ	130 UJ	130 UJ	640 UJ	130 UJ	130 UJ	130 UJ	130 UJ	130 J	130 UJ	130 UJ
S315	7/19/2000	30 - 100		VC0113	2,500	92 U	92 U	92 U	470 U	270	92 U	92 U	92 U	420	91 J	92 U
S315	7/19/2000	100 - 200		VC0114	3,100	92 U	92 U	200	470 U	92 U	92 U	92 U	92 U	1,500	92 UJ	92 UJ
S315	7/19/2000	200 - 300		VC0115	430	77 U	77 U	180	400 U	77 U	77 U	77 U	77 U	1,300	180	630
S315	7/19/2000	300 - 400		VC0116	75 U	75 U	75 U	90	390 U	75 U	75 U	75 U	75 U	1,100	200	75 U
S315	7/19/2000	400 - 500		VC0117	68 U	68 U	68 U	90	350 U	68 U	68 U	68 U	68 U	1,500	260	68 U
S315	7/19/2000	500 - 600		VC0118	61 U	61 U	38 J	61 U	310 U	61 U	61 U	61 U	61 U	620	76	61 UJ
S315	7/19/2000	600 - 673		VC0119	78 U	58 U	58 U	58 U	300 U	58 U	58 U	58 U	58 U	510	94	51 J
S315	7/19/2000	673 - 767		VC0120	72 U	63 U	63 U	63 U	330 U	63 U	63 U	63 U	63 U	63 U	63 U	63 U
S316	8/10/2000	0 - 15		SF0076	350	86 U	86 U	86 U	440 UJ	86 UJ	86 U	86 UJ	86 U	1,800	450	170
S316	8/10/2000	15 - 30		SF0077	210 U	210 U	210 U	210 U	1,100 U	210 UJ	210 U	210 U	210 U	3,600	620	820
S316	7/15/2000	30 - 102		VC0121	94 UJ	94 UJ	94 UJ	83 J	480 UJ	94 UJ	94 UJ	94 UJ	94 UJ	2,500 J	390 J	490 J
S316	7/15/2000	102 - 201		VC0122	55 U	55 U	55 U	55 U	290 U	55 U	55 U	55 U	55 U	180	38 J	74
S316	7/15/2000	201 - 300		VC0123	59 UJ	59 UJ	59 UJ	59 UJ	310 UJ	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ	59 UJ
S316	7/15/2000	300 - 400		VC0124	62 UJ	62 UJ	62 UJ	62 UJ	320 UJ	62 UJ	62 UJ	62 UJ	62 UJ	62 UJ	62 UJ	62 UJ
S316	7/15/2000	400 - 500		VC0125	66 U	66 U	66 U	66 U	340 U	66 U	66 U	66 U	66 U	66 U	66 U	66 U
S316	7/15/2000	500 - 600		VC0126	62 U	62 U	62 U	62 U	320 U	62 U	62 U	62 U	62 U	62 U	62 U	62 U
S316	7/15/2000	600 - 700		VC0127	60 UJ	60 UJ	60 UJ	60 UJ	310 UJ	60 UJ	60 UJ	60 UJ	60 UJ	60 UJ	60 UJ	60 UJ
S316	7/15/2000	700 - 800		VC0128	58 UJ	58 UJ	58 UJ	58 UJ	300 UJ	58 UJ	58 UJ	58 UJ	58 UJ	58 UJ	58 UJ	58 UJ
S317	8/11/2000	0 - 15		SF0078	4,100	86 U	86 U	86 U	450 U	86 UJ	86 U	86 U	86 U	2,200	430	86 U
S317	8/4/2000	15 - 30		SF0079	2,100	73 U	73 U	73 U	380 UJ	73 U	73 U	73 UJ	73 U	1,200	240	73 U
S317	7/15/2000	30 - 100		VC0129	1,800	76 U	76 U	140	390 U	76 U	76 U	76 U	76 U	1,300	190	210
S317	7/15/2000	100 - 200		VC0130	280 U	210 U	210 U	190 J	1,100 U	210 U	210 U	210 U	210 U	3,800	520	350
S317	7/15/2000	200 - 300		VC0131	140 U	180 U	180 U	140 J	940 U	180 U	180 U	180 U	180 U	3,400	590	460
S317	7/15/2000	300 - 400		VC0132	620 U	620 U	620 U	620 U	3,200 U	620 U	620 U	620 U	620 U	6,500	900	620 J
S317	7/15/2000	400 - 500		VC0133	37 U	58 U	58 U	48 J	300 UJ	58 U	58 U	58 UJ	58 U	1,500	270	160
S317	7/15/2000	500 - 600		VC0134	120 UJ	120 UJ	120 UJ	120 UJ	630 UJ	120 UJ	120 UJ	120 UJ	120 UJ	2,700 J	400 J	140 J
S317	7/15/2000	600 - 700		VC0135	38 UJ	58 UJ	58 UJ	58 UJ	300 UJ	58 UJ	58 UJ	58 UJ	58 UJ	58 UJ	58 UJ	58 UJ
S318	7/14/2000	0 - 15		VC0189	220 UJ	42 UJ	42 UJ	42 UJ	220 UJ	42 UJ	42 UJ	42 UJ	42 UJ	380 J	93 J	42 UJ
S318	7/14/2000	15 - 30		VC0190	420	42 U	42 U	55	220 U	42 U	42 U	42 U	42 U	1,500	270	79
S318	7/14/2000	30 - 100		VC0137	140 J	41 U	41 UJ	41 U	210 U	41 U	41 U	41 U	41 U	210	53	41 U
S318	7/14/2000	100 - 200		VC0138	52 UJ	52 UJ	52 UJ	52 UJ	270 UJ	52 UJ	52 UJ	52 UJ	52 UJ	52 UJ	52 UJ	52 UJ
S318	7/14/2000	200 - 300		VC0139	32 J	55 UJ	55 UJ	55 UJ	280 UJ	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ	55 UJ
S318	7/14/2000	300 - 400		VC0140	36 J	57 U	57 UJ	57 U	290 U	57 U	57 U	57 U	57 U	57 U	57 U	57 U
S318	7/14/2000	400 - 500		VC0141	64 U	64 U	64 UJ	64 U	330 U	64 U	64 U	64 U	64 U	64 U	64 U	64 U
S318	7/14/2000	500 - 600		VC0142	63 UJ	63 UJ	63 UJ	63 UJ	320 UJ	63 UJ	63 UJ	63 UJ	63 UJ	63 UJ	63 UJ	63 UJ
S318	7/14/2000	600 - 700		VC0143	59 U	59 U	59 UJ	59 U	310 U	59 U	59 U	59 U	59 U	59 U	59 U	59 U
S318	7/14/2000	700 - 800		VC0144	57 U	57 U	57 UJ	57 U	290 U	57 U	57 U	57 U	57 U	57 U	57 U	57 U
S319	8/4/2000	0 - 15		SF0082	1,800 J	68 UJ	68 UJ	120 J	350 UJ	68 UJ	68 UJ	68 UJ	68 UJ	1,700 J	350 J	70 J
S319	8/4/2000	15 - 30		SF0083	1,000	66 U	66 U	67	340 U	66 U	66 U	66 U	66 U	1,100	240	66 U
S319	7/14/2000	30 - 100		VC0145	3,200	71 U	71 UJ	280	370 U	71 U	71 U	71 U	71 U	2,300	350	210
S319	7/14/2000	100 - 200		VC0146	650 U	650 U	650 UJ	440 J	3,300 U	650 U	650 U	650 U	650 U	10,000	1,500	1,500
S319	7/14/2000	200 - 300		VC0147	630 U	630 U	630 UJ	630 U	3,300 UJ	630 U	630 U	630 UJ	630 U	5,500	820	790
S319	7/14/2000	300 - 400		VC0148	630 U	630 U	630 UJ	630 U	3,200 U	630 U	630 U	630 U	630 U	13,000	1,500	630 U
S319	7/14/2000	400 - 500		VC0149	60 U	60 U	60 UJ	58 J	310 U	60 U	60 U	60 U	60 U	2,300	460	140
S319	7/14/2000	500 - 600		VC0150	61 U	61 U	61 U	61 U	310 U	61 U	61 U	61 U	61 U	98	61 U	61 U
S319	7/14/2000	600 - 700		VC0151	60 U	60 U	60 U	60 U	310 U	60 U	60 U	60 U	60 U	60 U	60 U	60 U
S319	7/14/2000	700 - 800		VC0152	300 UJ	59 U	59 U	59 U	300 U	59 U	59 U	59 U	59 U	59 U	59 U	59 U

Table B1-16. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Bis(2-ethylhexyl) phthalate (µg/kg-dw)	4-Bromophenyl-phenyl ether (µg/kg-dw)	Butylbenzyl phthalate (µg/kg-dw)	Carbazole (µg/kg-dw)	4-Chloro-3-methylphenol (µg/kg-dw)	4-Chloro-aniline (µg/kg-dw)	2-Chloro-naphthalene (µg/kg-dw)	2-Chloro-phenol (µg/kg-dw)	4-Chlorophenyl-phenyl ether (µg/kg-dw)	Chrysene (µg/kg-dw)	Dibenz(a,h) anthracene (µg/kg-dw)	Dibenzofuran (µg/kg-dw)
S320	8/13/2000	0 - 15		SF0084	790	96 U	96 U	96 U	500 U	96 U	96 U	96 U	96 U	450	130	96 U
S320	8/14/2000	15 - 30		SF0085	840 J	100 UJ	100 UJ	100 UJ	530 UJ	100 UJ	100 UJ	100 UJ	100 UJ	570 J	100 UJ	100 UJ
S320	7/13/2000	30 - 100		VC0153	5,100 J	180 U	180 U	180 U	920 U	180 U	180 U	180 U	180 U	1,300	230	180 U
S320	7/13/2000	100 - 200		VC0154	3,100 J	160 UJ	160 UJ	410 J	850 UJ	160 UJ	160 UJ	160 UJ	160 UJ	4,500 J	600 J	610 J
S320	7/13/2000	200 - 300		VC0155	620 J	71 U	71 U	40 J	370 U	71 U	71 U	71 U	71 U	290	63 J	71 U
S320	7/13/2000	300 - 400		VC0156	5,800 U	5,800 U	5,800 U	5,800 U	30,000 U	5,800 U	5,800 U	5,800 U	5,800 U	22,000	5,800 U	4,900
S320	7/13/2000	400 - 500		VC0157	33 J	62 U	62 U	62 U	320 UJ	62 U	62 U	62 UJ	62 U	340	64	42 J
S320	7/13/2000	500 - 600		VC0158	43 J	62 U	62 U	62 U	320 U	62 U	62 U	62 U	62 U	110	62 U	62 U
S320	7/13/2000	600 - 700		VC0159	62 U	62 U	62 U	62 U	320 U	62 U	62 U	62 U	62 U	62 U	62 U	62 U
S321	8/4/2000	0 - 15		SF0086	140	46 U	46 U	46 U	240 U	46 U	46 U	46 U	46 U	370	96	46 U
S321	8/4/2000	15 - 30		SF0087	130 U	130 U	130 U	130 U	690 U	130 U	130 U	130 U	130 U	2,400	420	130 U
S321	7/13/2000	30 - 100		VC0161	43 U	43 U	43 U	43 U	220 U	43 U	43 U	43 U	43 U	43 U	43 U	43 U
S321	7/13/2000	100 - 200		VC0162	49 U	49 U	49 U	49 U	250 U	49 U	49 U	49 U	49 U	49 U	49 U	49 U
S321	7/13/2000	200 - 300		VC0163	50 U	50 U	50 U	50 U	260 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S321	7/13/2000	300 - 400		VC0164	50 U	50 U	50 U	50 U	260 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S321	7/13/2000	400 - 500		VC0165	52 U	52 U	52 U	52 U	270 U	52 U	52 U	52 U	52 U	52 U	52 U	52 U
S321	7/13/2000	500 - 560		VC0166	54 U	54 U	54 U	54 U	280 U	54 U	54 U	54 U	54 U	54 U	54 U	54 U
S321	7/13/2000	560 - 600		VC0167B	55 U	55 U	55 U	55 U	280 U	55 U	55 U	55 U	55 U	55 U	55 U	55 U
S321	7/13/2000	600 - 700		VC0167	56 U	56 U	56 U	56 U	290 U	56 U	56 U	56 U	56 U	56 U	56 U	56 U
S321	7/13/2000	700 - 800		VC0168	56 U	56 U	56 U	56 U	290 U	56 U	56 U	56 U	56 U	56 U	56 U	56 U
S322	8/10/2000	0 - 15		SF0088	3,900 J	200 UJ	200 UJ	200 UJ	1,000 UJ	200 UJ	200 UJ	200 UJ	200 UJ	3,100 J	520 J	510 J
S322	8/10/2000	15 - 30		SF0089	5,500 J	650 UJ	650 UJ	650 UJ	3,400 UJ	650 UJ	650 UJ	650 UJ	650 UJ	4,000 J	650 UJ	760 J
S322	7/13/2000	30 - 100		VC0169	1,400	64 U	64 U	64 U	330 U	120	64 U	64 U	64 U	1,400	190	130
S322	7/13/2000	100 - 200		VC0170	87 J	52 UJ	52 UJ	52 UJ	270 UJ	52 UJ	52 UJ	52 UJ	52 UJ	640 J	75 J	82 J
S322	7/13/2000	200 - 300		VC0171	200	58 U	58 U	58 U	300 U	58 U	58 U	58 U	58 U	58 U	58 U	58 U
S322	7/13/2000	300 - 400		VC0172	56 U	56 U	56 U	56 U	290 U	56 U	56 U	56 U	56 U	56 U	56 U	56 U
S322	7/13/2000	400 - 500	D1	VC0173	54 U	54 U	54 U	54 U	280 U	54 U	54 U	54 U	54 U	54 U	54 U	54 U
S322	7/13/2000	400 - 500	D2	VC0185	54 UJ	54 UJ	54 UJ	54 UJ	280 UJ	54 UJ	54 UJ	54 UJ	54 UJ	54 UJ	54 UJ	54 UJ
S322	7/13/2000	500 - 600		VC0174	53 U	53 U	53 U	53 U	270 U	53 U	53 U	53 U	53 U	53 U	53 U	53 U
S322	7/13/2000	600 - 700		VC0175	52 U	52 U	52 U	52 U	270 U	52 U	52 U	52 U	52 U	52 U	52 U	52 U
S322	7/13/2000	700 - 800		VC0176	49 U	49 U	49 U	49 U	250 U	49 U	49 U	49 U	49 U	49 U	49 U	49 U
S323	8/13/2000	0 - 15		SF0090	910	61 U	61 U	61 U	310 U	61 U	61 U	61 U	61 U	340	61 U	61 U
S323	8/4/2000	15 - 30		SF0091	1,900	160 U	160 U	160 U	840 UJ	160 U	160 U	160 UJ	160 U	2,200	260	180
S323	7/12/2000	30 - 100		VC0177	760 J	160 U	160 U	130 J	830 U	160 U	160 U	160 U	160 U	2,500	370	150 J
S323	7/12/2000	100 - 200		VC0178	130 U	130 U	130 U	130 U	660 U	130 U	130 U	130 U	130 U	3,000	320	230 J
S323	7/12/2000	200 - 300		VC0179	130 U	130 U	130 U	130 U	680 U	130 U	130 U	130 U	130 U	2,000	230	100 J
S323	7/12/2000	300 - 400		VC0180	60 U	60 U	60 U	60 U	310 U	60 U	60 U	60 U	60 U	740	140	60 U
S323	7/12/2000	400 - 500		VC0181	59 U	59 U	59 U	59 U	300 U	59 U	59 U	59 U	59 U	270	42 J	59 U
S323	7/12/2000	500 - 600		VC0182	54 U	54 U	54 U	54 U	280 U	54 U	54 U	54 U	54 U	54 U	54 U	54 U
S323	7/12/2000	600 - 700		VC0183	53 U	53 U	53 U	53 U	270 U	53 U	53 U	53 U	53 U	53 U	53 U	53 U
S323	7/12/2000	700 - 800		VC0184	52 U	52 U	52 U	52 U	270 U	52 U	52 U	52 U	52 U	52 U	52 U	52 U

Table B1-16. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	1,2-Dichloro-benzene (µg/kg-dw)	1,3-Dichloro-benzene (µg/kg-dw)	1,4-Dichloro-benzene (µg/kg-dw)	3,3-Dichloro-benzidine (µg/kg-dw)	2,4-Dichloro-phenol (µg/kg-dw)	Diethyl phthalate (µg/kg-dw)	Dimethyl phthalate (µg/kg-dw)	2,4-Dimethyl-phenol (µg/kg-dw)	Di-n-butyl phthalate (µg/kg-dw)	2,4-Dinitro-phenol (µg/kg-dw)	2,4-Dinitro-toluene (µg/kg-dw)
S301	7/22/2000	0 - 15		VC0215	62 UJ	62 UJ	62 UJ	62 UJ	320 UJ	62 UJ	62 UJ	320 UJ	70 J	1,600 UJ	320 UJ
S301	7/22/2000	15 - 30		VC0024	66 UJ	79 J	76 J	66 U	340 U	66 U	66 U	340 UJ	66 U	1,700 UJ	340 U
S301	7/22/2000	30 - 56		VC0001	73 UJ	73 UJ	73 UJ	73 UJ	370 UJ	73 UJ	73 UJ	370 UJ	73 UJ	1,900 UJ	370 UJ
S301	7/22/2000	56 - 156	D1	VC0002	110	59 U	59 U	59 U	300 U	59 U	59 U	300 UJ	59 U	1,500 U	300 U
S301	7/22/2000	56 - 156	D2	VC0195	130 J	67 J	64 J	60 U	310 U	60 U	60 U	310 UJ	60 U	1,500 UJ	310 U
S301	7/22/2000	156 - 256		VC0003	65 UJ	150 J	140 J	65 UJ	330 UJ	65 UJ	65 UJ	330 UJ	65 UJ	1,700 UJ	330 UJ
S301	7/22/2000	256 - 356		VC0004	64 UJ	64 UJ	64 UJ	64 UJ	330 UJ	64 UJ	64 UJ	330 UJ	64 UJ	1,700 UJ	330 UJ
S301	7/22/2000	356 - 437		VC0005	66 UJ	66 UJ	66 UJ	66 UJ	340 UJ	66 UJ	66 UJ	340 UJ	100 J	1,700 UJ	340 UJ
S301	7/22/2000	437 - 537		VC0006	58 UJ	58 UJ	58 UJ	58 UJ	300 UJ	58 UJ	58 UJ	300 UJ	58 UJ	1,500 UJ	300 UJ
S301	7/22/2000	537 - 637		VC0007	52 UJ	52 UJ	52 UJ	52 UJ	270 UJ	52 UJ	52 UJ	270 UJ	52 UJ	1,400 UJ	270 UJ
S301	7/22/2000	637 - 730		VC0008	46 UJ	46 UJ	46 UJ	46 UJ	230 UJ	46 UJ	46 UJ	230 UJ	46 UJ	1,200 UJ	230 UJ
S302	8/12/2000	0 - 15		SF0048	77 U	77 U	77 U	77 UJ	400 U	77 U	77 U	400 U	77 U	2,000 UJ	400 U
S302	8/14/2000	15 - 30		SF0049	65 UJ	65 UJ	65 UJ	65 UJ	340 UJ	65 UJ	65 UJ	340 UJ	180 UJ	1,700 UJ	340 UJ
S302	7/22/2000	30 - 59		VC0009	64 UJ	64 UJ	64 UJ	64 UJ	330 UJ	64 UJ	64 UJ	330 UJ	85 J	1,700 UJ	330 UJ
S302	7/22/2000	59 - 159		VC0010	60 UJ	100 J	60 UJ	60 UJ	310 UJ	60 UJ	60 UJ	310 UJ	60 UJ	1,500 UJ	310 UJ
S302	7/22/2000	159 - 259		VC0011	64 U	78	64 U	64 U	330 U	64 U	64 U	330 UJ	64 U	1,600 U	330 U
S302	7/22/2000	259 - 359		VC0012	67 UJ	120 J	67 UJ	67 UJ	350 UJ	67 UJ	67 UJ	350 UJ	77 J	1,700 UJ	350 UJ
S302	7/22/2000	359 - 459		VC0013	66 U	66 U	66 U	66 U	340 U	66 U	66 U	340 UJ	66 U	1,700 U	340 U
S302	7/22/2000	459 - 559		VC0014	64 U	64 U	64 U	64 U	330 U	64 U	64 U	330 UJ	64 U	1,700 U	330 U
S302	7/22/2000	559 - 659		VC0015	64 U	64 U	64 U	64 U	330 U	64 U	64 U	330 UJ	64 U	1,700 U	330 U
S302	7/22/2000	659 - 761		VC0016	59 UJ	59 UJ	59 UJ	59 UJ	300 UJ	59 UJ	59 UJ	300 UJ	59 UJ	1,500 UJ	300 UJ
S303	8/12/2000	0 - 15		SF0038	110 U	110 U	110 U	110 UJ	570 UJ	110 U	110 U	570 UJ	110 U	2,900 UJ	570 U
S303	7/22/2000	15 - 30		VC0214	80 UJ	80 UJ	80 UJ	80 U	410 U	80 U	80 U	410 UJ	80 U	2,000 UJ	410 U
S303	7/22/2000	30 - 100		VC0017	81 UJ	190 J	190 J	81 UJ	420 UJ	81 UJ	81 UJ	420 UJ	120 J	2,100 UJ	420 UJ
S303	7/22/2000	100 - 200		VC0018	72 U	72 U	72 U	72 U	370 U	72 U	72 U	370 UJ	72 U	1,900 UJ	370 U
S303	7/22/2000	200 - 300		VC0019	74 UJ	74 UJ	74 UJ	74 UJ	380 UJ	74 UJ	74 UJ	380 UJ	74 UJ	1,900 UJ	380 UJ
S303	7/22/2000	300 - 400	D1	VC0020	66 UJ	66 UJ	66 UJ	66 UJ	340 UJ	66 UJ	66 UJ	340 UJ	66 UJ	1,700 UJ	340 UJ
S303	7/22/2000	300 - 400	D2	VC0198	66 UJ	66 UJ	66 UJ	66 UJ	340 UJ	66 UJ	66 UJ	340 UJ	66 UJ	1,700 UJ	340 UJ
S303	7/22/2000	400 - 500		VC0021	60 UJ	60 UJ	60 UJ	60 UJ	310 UJ	60 UJ	60 UJ	310 UJ	60 UJ	1,600 UJ	310 UJ
S303	7/22/2000	500 - 600		VC0022	56 UJ	56 UJ	56 UJ	56 UJ	290 UJ	56 UJ	56 UJ	290 UJ	56 UJ	1,400 UJ	290 UJ
S303	7/22/2000	600 - 618		VC0023	51 UJ	51 UJ	51 UJ	51 U	260 U	51 U	51 U	260 UJ	59 J	1,300 UJ	260 U
S304	8/9/2000	0 - 15		SF0052	54 U	81 J	54 U	54 U	280 U	54 U	54 U	280 U	54 U	1,400 UJ	280 U
S304	8/9/2000	15 - 30		SF0053	48 U	120 J	48 U	48 U	250 U	48 U	48 U	250 U	48 U	1,200 UJ	250 U
S304	7/21/2000	30 - 100		VC0025	56 U	56 U	56 U	56 U	290 U	56 U	56 U	290 UJ	56 U	1,400 UJ	290 U
S304	7/21/2000	100 - 200		VC0026	60 UJ	60 UJ	60 UJ	60 UJ	310 UJ	60 UJ	60 UJ	310 UJ	60 UJ	1,600 UJ	310 UJ
S304	7/21/2000	200 - 300	D1	VC0027	64 UJ	64 UJ	64 UJ	64 UJ	330 UJ	64 UJ	64 UJ	330 UJ	64 UJ	1,600 UJ	330 UJ
S304	7/21/2000	200 - 300	D2	VC0201	64 UJ	170 J	64 UJ	64 UJ	330 UJ	64 UJ	64 UJ	330 UJ	64 UJ	1,700 UJ	330 UJ
S304	7/21/2000	300 - 400		VC0028	63 UJ	63 UJ	63 UJ	63 UJ	330 UJ	63 UJ	63 UJ	330 UJ	63 UJ	1,600 UJ	330 UJ
S304	7/21/2000	400 - 500		VC0029	62 UJ	62 UJ	62 UJ	62 UJ	320 UJ	62 UJ	62 UJ	320 UJ	62 UJ	1,600 UJ	320 UJ
S304	7/21/2000	500 - 600		VC0030	130 U	130 U	130 U	130 U	670 U	130 U	130 U	670 UJ	130 U	3,300 UJ	670 U
S304	7/21/2000	600 - 700		VC0031	120 U	120 U	120 U	120 U	600 U	120 U	120 U	600 UJ	120 U	3,000 UJ	600 U
S304	7/21/2000	700 - 727		VC0032	62 U	62 U	62 U	62 U	320 U	62 U	62 U	320 UJ	62 U	1,600 UJ	320 U
S305	8/12/2000	0 - 15		SF0054	72 U	72 U	72 U	72 UJ	370 U	72 U	72 U	370 UJ	72 U	1,800 U	370 U
S305	8/4/2000	15 - 30		SF0055	69 UJ	69 UJ	69 UJ	69 UJ	360 UJ	69 UJ	69 UJ	360 UJ	69 UJ	1,800 UJ	360 UJ
S305	7/21/2000	30 - 100		VC0033	56 U	56 U	56 U	56 U	290 UJ	56 U	56 U	290 UJ	56 U	1,400 UJ	290 U
S305	7/21/2000	100 - 200		VC0034	56 U	140	56 U	56 U	290 UJ	56 U	56 U	290 UJ	56 U	1,500 UJ	290 U
S305	7/21/2000	200 - 300		VC0035	59 UJ	59 UJ	59 UJ	59 UJ	300 UJ	59 UJ	59 UJ	300 UJ	59 UJ	1,500 UJ	300 UJ
S305	7/21/2000	300 - 400		VC0036	60 U	180	60 U	60 U	310 UJ	60 U	60 U	310 UJ	90 U	1,500 UJ	310 U
S305	7/21/2000	400 - 500		VC0037	61 UJ	61 UJ	61 UJ	61 UJ	320 UJ	61 UJ	61 UJ	320 UJ	93 U	1,600 UJ	320 UJ

Table B1-16. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	1,2-Dichloro-benzene (µg/kg-dw)	1,3-Dichloro-benzene (µg/kg-dw)	1,4-Dichloro-benzene (µg/kg-dw)	3,3-Dichloro-benzidine (µg/kg-dw)	2,4-Dichloro-phenol (µg/kg-dw)	Diethyl phthalate (µg/kg-dw)	Dimethyl phthalate (µg/kg-dw)	2,4-Dimethyl-phenol (µg/kg-dw)	Di-n-butyl phthalate (µg/kg-dw)	2,4-Dinitro-phenol (µg/kg-dw)	2,4-Dinitro-toluene (µg/kg-dw)
S305	7/21/2000	500 - 600		VC0038	66 UJ	66 UJ	66 U	66 U	340 UJ	66 U	66 U	340 UJ	66 U	1,700 UJ	340 U
S305	7/21/2000	600 - 635		VC0211	64 UJ	64 UJ	64 UJ	64 UJ	330 UJ	64 UJ	64 UJ	330 UJ	64 UJ	1,700 UJ	330 UJ
S305	7/21/2000	635 - 692		VC0039	70 U	70 U	70 U	70 U	360 U	70 U	70 U	360 UJ	71 U	1,800 UJ	360 U
S305	7/21/2000	692 - 737		VC0040	56 U	56 U	56 U	56 U	290 U	56 U	56 U	290 UJ	56 U	1,400 UJ	290 U
S306	7/21/2000	0 - 15		VC0212	52 UJ	52 UJ	52 UJ	52 UJ	270 UJ	52 UJ	52 UJ	270 UJ	52 UJ	1,300 UJ	270 UJ
S306	7/21/2000	15 - 30		VC0213	59 UJ	59 UJ	59 UJ	59 UJ	310 UJ	59 UJ	59 UJ	310 UJ	59 UJ	1,500 UJ	310 UJ
S306	7/21/2000	30 - 100		VC0041	58 U	58 U	58 U	58 U	300 U	58 U	58 U	300 UJ	98 U	1,500 UJ	300 U
S306	7/21/2000	100 - 200		VC0042	60 U	60 U	60 U	60 U	310 U	60 U	60 U	310 UJ	60 U	1,500 UJ	310 U
S306	7/21/2000	200 - 300		VC0043	62 UJ	62 UJ	62 UJ	62 UJ	320 UJ	62 UJ	62 UJ	320 UJ	62 UJ	1,600 UJ	320 UJ
S306	7/21/2000	300 - 400		VC0044	63 UJ	63 UJ	63 UJ	63 UJ	320 UJ	63 UJ	63 UJ	320 UJ	63 UJ	1,600 UJ	320 UJ
S306	7/21/2000	400 - 500		VC0045	62 UJ	62 UJ	62 UJ	62 UJ	320 UJ	62 UJ	62 UJ	320 UJ	62 UJ	1,600 UJ	320 UJ
S306	7/21/2000	500 - 600	D1	VC0046	61 UJ	61 UJ	61 UJ	61 UJ	310 UJ	61 UJ	61 UJ	310 UJ	61 UJ	1,600 UJ	310 UJ
S306	7/21/2000	500 - 600	D2	VC0199	61 UJ	61 UJ	61 UJ	61 UJ	310 UJ	61 UJ	61 UJ	310 UJ	61 UJ	1,600 UJ	310 UJ
S306	7/21/2000	600 - 700		VC0047	56 UJ	56 UJ	56 UJ	56 UJ	290 UJ	56 UJ	56 UJ	290 UJ	56 UJ	1,500 UJ	290 UJ
S306	7/21/2000	700 - 732		VC0048	52 UJ	52 UJ	52 UJ	52 UJ	270 UJ	52 UJ	52 UJ	270 UJ	52 UJ	1,300 UJ	270 UJ
S307	7/18/2000	0 - 15		VC0196	55 U	55 U	55 U	55 U	280 U	55 U	55 U	280 U	55 U	1,400 UJ	280 U
S307	7/18/2000	15 - 30		VC0197	52 U	52 U	52 U	52 U	270 U	52 U	52 U	270 U	52 U	1,300 UJ	270 U
S307	7/18/2000	30 - 100		VC0049	57 U	57 U	57 U	57 U	290 U	57 U	57 U	290 U	620 U	1,500 U	290 U
S307	7/18/2000	100 - 200		VC0050	57 U	57 U	57 U	57 U	300 U	57 U	57 U	300 U	590 U	1,500 U	300 U
S307	7/18/2000	200 - 300		VC0051	56 U	56 U	56 U	56 U	290 U	56 U	56 U	290 U	440 U	1,400 U	290 U
S307	7/18/2000	300 - 400		VC0052	57 U	57 U	57 U	57 U	300 U	57 U	57 U	300 U	310 U	1,500 U	300 U
S307	7/18/2000	400 - 500		VC0053	41 U	41 U	41 U	41 U	210 U	41 U	41 U	210 U	380 U	1,100 U	210 U
S307	7/18/2000	500 - 600		VC0054	40 U	40 U	40 U	40 U	200 U	40 U	40 U	200 U	200 U	1,000 U	200 U
S308	8/10/2000	0 - 15		SF0060	96 UJ	96 UJ	130 J	96 UJ	490 UJ	96 UJ	96 UJ	490 UJ	96 UJ	2,500 UJ	490 UJ
S308	8/10/2000	15 - 30		SF0061	86 U	86 U	370	86 U	440 UJ	86 U	86 U	440 UJ	92	2,200 UJ	440 U
S308	7/18/2000	30 - 100	D1	VC0057	110	92 J	560	100 U	530 U	100 U	100 U	530 U	210 U	330 J	530 U
S308	7/18/2000	30 - 100	D2	VC0191	86 J	71 J	460	100 U	530 U	100 U	100 U	530 U	100 U	2,700 UJ	530 U
S308	7/18/2000	100 - 200		VC0058	290	82 U	410	82 U	420 U	82 U	82 U	420 U	510 U	2,100 U	420 U
S308	7/18/2000	200 - 259		VC0059	73 U	73 U	73 U	73 U	380 U	73 U	73 U	380 U	310 U	1,900 U	380 U
S308	7/18/2000	259 - 359		VC0060	60 UJ	60 UJ	60 UJ	60 UJ	310 UJ	60 UJ	60 UJ	310 UJ	940 U	1,600 UJ	310 UJ
S308	7/18/2000	359 - 459		VC0061	57 U	57 U	57 U	57 U	290 U	57 U	57 U	290 U	57 U	1,500 U	290 U
S308	7/18/2000	459 - 559		VC0062	55 U	55 U	55 U	55 U	280 U	55 U	55 U	280 U	55 U	1,400 U	280 U
S308	7/18/2000	559 - 593		VC0063	54 U	54 U	54 U	54 UJ	280 UJ	54 UJ	54 UJ	280 UJ	54 U	1,400 UJ	280 UJ
S309	8/14/2000	0 - 15		SF0062	8,900	4,200	49,000	1,600 UJ	8,100 U	1,600 U	1,600 U	8,100 U	1,600 U	40,000 U	8,100 U
S309	8/14/2000	15 - 30		SF0063	30,000	4,700	81,000	3,800 UJ	20,000 U	3,800 U	3,800 U	20,000 U	3,800 U	100,000 U	20,000 U
S309	7/20/2000	30 - 74		VC0087	55,000	2,200 U	48,000	2,200 U	11,000 U	2,200 U	2,200 U	11,000 U	2,200 U	57,000 U	11,000 U
S309	7/20/2000	74 - 174		VC0065	19,000	340 U	20,000	340 U	1,700 U	340 U	340 U	1,700 U	340 U	8,700 U	1,700 U
S309	7/20/2000	174 - 274	D1	VC0066	9,100	1,900 U	5,900	1,900 U	10,000 U	1,900 U	1,900 U	10,000 U	1,900 U	50,000 U	10,000 U
S309	7/20/2000	174 - 274	D2	VC0192	7,200	2,000 U	4,600	2,000 U	10,000 U	2,000 U	2,000 U	10,000 U	2,000 U	51,000 U	10,000 U
S309	7/20/2000	274 - 374		VC0067	1,100 U	1,100 U	1,100 U	1,100 U	5,400 U	1,100 U	1,100 U	5,400 U	1,100 U	27,000 U	5,400 U
S309	7/20/2000	374 - 474		VC0068	1,100 U	1,100 U	1,100 U	1,100 U	5,400 U	1,100 U	1,100 U	5,400 U	1,100 U	27,000 U	5,400 U
S309	7/20/2000	474 - 578		VC0069	500 U	500 U	500 U	500 U	2,600 U	500 U	500 U	2,600 U	500 U	13,000 U	2,600 U
S309	7/20/2000	578 - 627		VC0070	1,800 U	1,800 U	1,800 U	1,800 U	9,200 U	1,800 U	1,800 U	9,200 U	1,800 U	46,000 U	9,200 U
S309	7/20/2000	627 - 674		VC0071	230 U	230 U	230 U	230 U	1,200 U	230 U	230 U	1,200 U	230 U	5,800 U	1,200 U
S309	7/20/2000	674 - 696		VC0072	280 U	280 U	280 U	280 U	1,400 U	280 U	280 U	1,400 U	280 U	7,100 U	1,400 U
S309	7/20/2000	696 - 730		VC0209	85 U	85 U	85 U	85 U	440 U	85 U	85 U	440 U	85 U	2,200 U	440 U
S309	7/20/2000	730 - 789		VC0210	100 U	100 U	100 U	100 U	520 U	100 U	100 U	520 U	100 U	2,600 U	520 U
S310	8/14/2000	0 - 15		SF0064	190 U	190 U	910	190 UJ	980 U	190 U	190 U	980 U	190 U	4,900 U	980 U
S310	8/14/2000	15 - 30		SF0065	170 UJ	170 UJ	860 J	170 UJ	870 UJ	170 UJ	170 UJ	870 UJ	170 UJ	4,300 UJ	870 UJ

Table B1-16. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	1,2-Dichloro-benzene (µg/kg-dw)	1,3-Dichloro-benzene (µg/kg-dw)	1,4-Dichloro-benzene (µg/kg-dw)	3,3-Dichloro-benzidine (µg/kg-dw)	2,4-Dichloro-phenol (µg/kg-dw)	Diethyl phthalate (µg/kg-dw)	Dimethyl phthalate (µg/kg-dw)	2,4-Dimethyl-phenol (µg/kg-dw)	Di-n-butyl phthalate (µg/kg-dw)	2,4-Dinitro-phenol (µg/kg-dw)	2,4-Dinitro-toluene (µg/kg-dw)
S310	7/20/2000	30 - 100		VC0073	8,700	2,100	20,000	780 U	4,000 U	780 U	780 U	4,000 U	780 U	20,000 U	4,000 U
S310	7/20/2000	100 - 200		VC0074	1,400	2,000 U	2,200	2,000 U	10,000 U	2,000 U	2,000 U	10,000 U	2,000 U	52,000 U	10,000 U
S310	7/20/2000	200 - 300		VC0075	3,700 U	3,700 U	3,700 U	3,700 U	19,000 UJ	3,700 U	3,700 U	19,000 UJ	3,700 U	95,000 UJ	19,000 U
S310	7/20/2000	300 - 400	D1	VC0076	3,000	850 U	6,900	850 U	4,400 U	850 U	850 U	4,400 U	850 U	22,000 UJ	4,400 U
S310	7/20/2000	300 - 400	D2	VC0186	2,000	2,500 U	4,200	2,500 U	13,000 U	2,500 U	2,500 U	13,000 U	2,500 U	65,000 U	13,000 U
S310	7/20/2000	400 - 500		VC0077	3,300	920 U	3,900	920 U	4,700 U	920 U	920 U	4,700 U	920 U	24,000 UJ	4,700 U
S310	7/20/2000	500 - 600		VC0078	1,600	310 U	2,400	310 U	1,600 U	310 U	310 U	1,600 U	310 U	8,000 UJ	1,600 U
S310	7/20/2000	600 - 653		VC0079	1,500	730 U	2,700	730 U	3,700 U	730 U	730 U	3,700 U	730 U	19,000 UJ	3,700 U
S310	7/20/2000	653 - 724		VC0080	1,900 U	1,900 U	1,900 U	1,900 U	10,000 U	1,900 U	1,900 U	10,000 U	1,900 U	50,000 U	10,000 U
S311	7/20/2000	0 - 15		VC0207	460	350 U	350 U	350 U	1,800 U	350 U	350 U	1,800 U	350 U	8,900 U	1,800 U
S311	7/20/2000	15 - 30		VC0208	620 U	620 U	1,300	620 U	3,200 U	620 U	620 U	3,200 U	620 U	16,000 U	3,200 U
S311	7/20/2000	30 - 100		VC0081	480	440 U	560	440 U	2,300 U	440 U	440 U	2,300 U	440 U	11,000 U	2,300 U
S311	7/20/2000	100 - 200		VC0082	110 U	110 U	110 U	110 U	550 U	110 U	110 U	550 U	110 U	2,800 UJ	550 U
S311	7/20/2000	200 - 300		VC0083	99 U	99 U	99 U	99 U	510 U	99 U	99 U	510 U	99 U	2,500 UJ	510 U
S311	7/20/2000	300 - 400		VC0084	110 U	110 U	110 U	110 U	540 U	110 U	110 U	540 U	110 U	2,700 UJ	540 U
S311	7/20/2000	400 - 500		VC0085	110 U	110 U	110 U	110 U	560 U	110 U	110 U	560 U	110 U	2,800 UJ	560 U
S311	7/20/2000	500 - 600		VC0086	130 U	130 U	130 U	130 U	650 U	130 U	130 U	650 U	130 U	3,200 UJ	650 U
S312	8/14/2000	0 - 15		SF0068	48,000	3,400 U	120,000	3,400 UJ	18,000 U	3,400 U	3,400 U	18,000 U	3,400 U	89,000 U	18,000 U
S312	8/14/2000	15 - 30		SF0069	200,000	6,100 U	460,000	6,100 UJ	32,000 U	6,100 U	6,100 U	32,000 U	6,100 U	160,000 U	32,000 U
S312	7/20/2000	30 - 100		VC0089	31,000	3,100 U	68,000	3,100 U	16,000 U	3,100 U	3,100 U	16,000 U	3,100 U	80,000 U	16,000 U
S312	7/20/2000	100 - 200		VC0090	17,000	2,900 U	9,100	2,900 U	15,000 U	2,900 U	2,900 U	15,000 U	2,900 U	75,000 U	15,000 U
S312	7/20/2000	200 - 300	D1	VC0091	20,000	1,800 U	30,000	1,800 U	9,500 U	1,800 U	1,800 U	9,500 U	1,800 U	48,000 U	9,500 U
S312	7/20/2000	200 - 300	D2	VC0193	29,000	2,800 U	49,000	2,800 U	14,000 U	2,800 U	2,800 U	14,000 U	2,800 U	72,000 U	14,000 U
S312	7/20/2000	300 - 400		VC0092	5,500	460 U	1,200	460 U	2,400 U	460 U	460 U	2,400 U	460 U	12,000 U	2,400 U
S312	7/20/2000	400 - 500		VC0093	5,000	740 U	3,000	740 U	3,800 U	740 U	740 U	3,800 U	740 U	19,000 UJ	3,800 U
S312	7/20/2000	500 - 600		VC0094	1,400	790 U	3,100	790 U	4,100 U	790 U	790 U	4,100 U	790 U	20,000 UJ	4,100 U
S312	7/20/2000	600 - 700		VC0095	870	870 U	2,200	870 U	4,500 U	870 U	870 U	4,500 U	870 U	22,000 UJ	4,500 U
S313	7/18/2000	0 - 15		VC0187	11,000 U	11,000 U	9,800	11,000 U	59,000 U	11,000 U	11,000 U	59,000 U	11,000 U	300,000 UJ	59,000 U
S313	7/18/2000	15 - 30		VC0188	1,400	560	5,300	400 U	2,100 UJ	400 U	400 U	2,100 UJ	400 U	10,000 UJ	2,100 U
S313	7/18/2000	30 - 100	D1	VC0097	1,600	3,000	16,000	1,200 U	6,200 U	1,200 U	1,200 U	6,200 U	1,200 U	31,000 U	6,200 U
S313	7/18/2000	30 - 100	D2	VC0194	1,700	3,100	17,000	63 U	320 U	63 U	63 U	320 U	63 U	1,600 UJ	320 U
S313	7/18/2000	100 - 200		VC0098	920 J	2,100 J	4,100 J	610 UJ	3,100 UJ	610 UJ	610 UJ	3,100 UJ	610 UJ	16,000 UJ	3,100 UJ
S313	7/18/2000	200 - 300		VC0099	320 U	320 U	330	320 U	1,600 U	320 U	320 U	1,600 U	320 U	8,100 U	1,600 U
S313	7/18/2000	300 - 400		VC0100	110 UJ	110 UJ	110 UJ	110 UJ	560 UJ	110 UJ	110 UJ	560 UJ	110 UJ	2,800 UJ	560 UJ
S313	7/18/2000	400 - 500		VC0101	710	700	4,400	300 U	1,500 U	300 U	300 U	1,500 U	300 U	7,700 U	1,500 U
S313	7/18/2000	500 - 600		VC0102	60 U	60 U	60 U	60 U	310 U	60 U	60 U	310 U	60 U	1,600 UJ	310 U
S313	7/18/2000	600 - 700		VC0103	66 U	66 U	66 U	66 U	340 U	66 U	66 U	340 U	120 U	1,700 UJ	340 U
S313	7/18/2000	700 - 800		VC0104	62 U	62 U	62 U	62 U	320 U	62 U	62 U	320 U	62 U	1,600 UJ	320 U
S314	8/10/2000	0 - 15		SF0072	1,400 UJ	2,700 J	13,000 J	1,400 UJ	7,100 UJ	1,400 UJ	1,400 UJ	7,100 UJ	1,400 UJ	35,000 UJ	7,100 UJ
S314	8/10/2000	15 - 30		SF0073	7,800 J	3,300 J	30,000 J	1,500 UJ	7,700 UJ	1,500 UJ	1,500 UJ	7,700 UJ	1,500 UJ	38,000 UJ	7,700 UJ
S314	7/19/2000	30 - 100	D1	VC0105	13,000	1,300 U	27,000	1,300 UJ	6,800 U	1,300 U	1,300 U	6,800 U	1,300 U	34,000 U	6,800 U
S314	7/19/2000	30 - 100	D2	VC0200	11,000	1,100	24,000	990 UJ	5,100 U	990 U	990 U	5,100 U	990 U	25,000 U	5,100 U
S314	7/19/2000	100 - 200		VC0106	60 U	60 U	60 U	60 U	310 U	60 U	60 UJ	310 U	60 U	1,600 U	310 U
S314	7/19/2000	200 - 300		VC0107	1,100	300	2,500	330 UJ	1,700 U	330 U	330 U	1,700 U	330 U	8,500 U	1,700 U
S314	7/19/2000	300 - 400		VC0108	65 U	65 U	87	65 UJ	330 U	65 U	65 U	330 U	70 U	1,700 U	330 U
S314	7/19/2000	400 - 500		VC0109	63 U	63 U	63 U	63 UJ	330 U	63 U	63 U	330 U	63 U	1,600 U	330 U
S314	7/19/2000	500 - 600		VC0110	190 U	190 U	190 U	190 UJ	960 U	190 U	190 U	960 U	190 U	4,800 U	960 U
S314	7/19/2000	600 - 700		VC0111	2,100	2,400	13,000	340 UJ	1,800 U	340 U	340 U	1,800 U	340 U	8,800 U	1,800 U
S314	7/19/2000	700 - 800		VC0112	64 U	64 U	64 U	64 U	330 U	64 U	64 UJ	330 U	64 U	1,700 U	330 U

Table B1-16. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	1,2-Dichloro-benzene (µg/kg-dw)	1,3-Dichloro-benzene (µg/kg-dw)	1,4-Dichloro-benzene (µg/kg-dw)	3,3-Dichloro-benzidine (µg/kg-dw)	2,4-Dichloro-phenol (µg/kg-dw)	Diethyl phthalate (µg/kg-dw)	Dimethyl phthalate (µg/kg-dw)	2,4-Dimethyl-phenol (µg/kg-dw)	Di-n-butyl phthalate (µg/kg-dw)	2,4-Dinitro-phenol (µg/kg-dw)	2,4-Dinitro-toluene (µg/kg-dw)
S315	8/11/2000	0 - 15		SF0074	130 U	130 U	290	130 UJ	670 UJ	130 U	130 U	670 UJ	130 U	3,300 UJ	670 U
S315	8/14/2000	15 - 30		SF0075	130 UJ	130 UJ	130 UJ	130 UJ	640 UJ	130 UJ	130 UJ	640 UJ	140 UJ	3,200 UJ	640 UJ
S315	7/19/2000	30 - 100		VC0113	92 U	61 J	240	92 UJ	470 U	92 U	92 U	470 U	92 U	2,400 U	470 U
S315	7/19/2000	100 - 200		VC0114	470	200	930	92 UJ	470 U	92 U	92 U	470 U	92 U	2,400 U	470 U
S315	7/19/2000	200 - 300		VC0115	77 U	650	1,100	77 UJ	400 U	77 U	77 U	400 U	820 U	2,000 U	400 U
S315	7/19/2000	300 - 400		VC0116	75 U	75 U	75 U	75 UJ	390 U	75 U	75 U	390 U	480 U	1,900 U	390 U
S315	7/19/2000	400 - 500		VC0117	68 U	68 U	68 U	68 UJ	350 U	68 U	68 U	350 U	950 U	1,800 U	350 U
S315	7/19/2000	500 - 600		VC0118	61 U	61 U	61 U	61 UJ	310 U	61 U	61 U	310 U	680 U	1,600 U	310 U
S315	7/19/2000	600 - 673		VC0119	58 U	58 U	58 U	58 UJ	300 U	58 U	58 U	300 U	290 U	1,500 U	300 U
S315	7/19/2000	673 - 767		VC0120	63 U	63 U	63 U	63 UJ	330 U	63 U	63 U	330 U	540 U	1,600 U	330 U
S316	8/10/2000	0 - 15		SF0076	86 U	86 U	170	86 U	440 UJ	86 U	86 U	440 UJ	86 U	2,200 UJ	440 U
S316	8/10/2000	15 - 30		SF0077	210 U	210 U	210 U	210 U	1,100 U	210 U	210 U	1,100 U	210 U	5,500 UJ	1,100 U
S316	7/15/2000	30 - 102		VC0121	94 UJ	94 UJ	94 UJ	94 UJ	480 UJ	94 UJ	94 UJ	480 UJ	94 UJ	2,400 UJ	480 UJ
S316	7/15/2000	102 - 201		VC0122	55 U	55 U	55 U	55 U	290 U	55 U	55 U	290 U	55 U	1,400 UJ	290 U
S316	7/15/2000	201 - 300		VC0123	59 UJ	59 UJ	59 UJ	59 UJ	310 UJ	59 UJ	59 UJ	310 UJ	59 UJ	1,500 UJ	310 UJ
S316	7/15/2000	300 - 400		VC0124	62 UJ	62 UJ	62 UJ	62 UJ	320 UJ	62 UJ	62 UJ	320 UJ	62 UJ	1,600 UJ	320 UJ
S316	7/15/2000	400 - 500		VC0125	66 U	66 U	66 U	66 U	340 U	66 U	66 U	340 U	66 U	1,700 UJ	340 U
S316	7/15/2000	500 - 600		VC0126	62 U	62 U	62 U	62 U	320 U	62 U	62 U	320 UJ	62 U	1,600 U	320 U
S316	7/15/2000	600 - 700		VC0127	60 UJ	60 UJ	60 UJ	60 UJ	310 UJ	60 UJ	60 UJ	310 UJ	60 UJ	1,500 UJ	310 UJ
S316	7/15/2000	700 - 800		VC0128	58 UJ	58 UJ	58 UJ	58 UJ	300 UJ	58 UJ	58 UJ	300 UJ	58 UJ	1,500 UJ	300 UJ
S317	8/11/2000	0 - 15		SF0078	250	94	820	86 UJ	450 U	86 U	86 U	450 U	86 U	2,200 U	450 U
S317	8/4/2000	15 - 30		SF0079	140	110	650	73 U	380 UJ	73 U	73 U	380 UJ	73 U	1,900 UJ	380 U
S317	7/15/2000	30 - 100		VC0129	250	170	990	76 U	390 U	76 U	76 U	390 U	76 U	2,000 UJ	390 U
S317	7/15/2000	100 - 200		VC0130	210 U	210 U	210 U	210 U	1,100 U	210 U	210 U	1,100 U	210 U	5,400 UJ	1,100 U
S317	7/15/2000	200 - 300		VC0131	180 U	180 U	180 U	62	940 U	180 U	180 U	940 U	180 U	4,700 UJ	940 U
S317	7/15/2000	300 - 400		VC0132	620 U	620 U	620 U	620 U	3,200 U	620 U	620 U	3,200 U	620 U	16,000 UJ	3,200 U
S317	7/15/2000	400 - 500		VC0133	58 U	58 U	58 U	58 U	300 UJ	58 U	58 U	300 U	55 U	1,500 UJ	300 UJ
S317	7/15/2000	500 - 600		VC0134	120 UJ	120 UJ	120 UJ	120 UJ	630 UJ	120 UJ	120 UJ	630 UJ	120 UJ	3,200 UJ	630 UJ
S317	7/15/2000	600 - 700		VC0135	58 UJ	58 UJ	58 UJ	58 UJ	300 UJ	58 UJ	58 UJ	300 UJ	58 UJ	1,500 UJ	300 UJ
S318	7/14/2000	0 - 15		VC0189	38 J	42 UJ	140 J	42 UJ	220 UJ	42 UJ	42 UJ	220 UJ	42 UJ	1,100 UJ	220 UJ
S318	7/14/2000	15 - 30		VC0190	70	42 U	210	42 U	220 U	42 U	42 U	220 U	42 U	1,100 UJ	220 U
S318	7/14/2000	30 - 100		VC0137	41 U	41 U	27 J	41 U	210 U	41 U	41 U	210 U	41 U	1,100 UJ	210 U
S318	7/14/2000	100 - 200		VC0138	52 UJ	52 UJ	52 UJ	52 UJ	270 UJ	52 UJ	52 UJ	270 UJ	52 UJ	1,300 UJ	270 UJ
S318	7/14/2000	200 - 300		VC0139	55 UJ	55 UJ	55 UJ	55 UJ	280 UJ	55 UJ	55 UJ	280 UJ	55 UJ	1,400 UJ	280 UJ
S318	7/14/2000	300 - 400		VC0140	57 U	57 U	57 U	57 U	290 U	57 U	57 U	290 U	57 U	1,500 U	290 U
S318	7/14/2000	400 - 500		VC0141	64 U	64 U	64 U	64 U	330 U	64 U	64 U	330 U	64 U	1,600 UJ	330 U
S318	7/14/2000	500 - 600		VC0142	63 UJ	63 UJ	63 UJ	63 UJ	320 UJ	63 UJ	63 UJ	320 UJ	63 UJ	1,600 UJ	320 UJ
S318	7/14/2000	600 - 700		VC0143	59 U	59 U	59 U	59 U	310 U	59 U	59 U	310 U	59 U	1,500 UJ	310 U
S318	7/14/2000	700 - 800		VC0144	57 U	57 U	57 U	57 U	290 U	57 U	57 U	290 U	49 J	1,500 UJ	290 U
S319	8/4/2000	0 - 15		SF0082	68 UJ	68 UJ	200 J	68 UJ	350 UJ	68 UJ	68 UJ	350 UJ	68 UJ	1,800 UJ	350 UJ
S319	8/4/2000	15 - 30		SF0083	66 U	66 U	190	66 U	340 U	66 U	66 U	340 U	66 U	1,700 U	340 U
S319	7/14/2000	30 - 100		VC0145	220	120	630	71 U	370 U	71 U	71 U	370 U	71 U	1,800 UJ	370 U
S319	7/14/2000	100 - 200		VC0146	650 U	650 U	650 U	650 U	3,300 U	650 U	650 U	3,300 U	650 U	17,000 UJ	3,300 U
S319	7/14/2000	200 - 300		VC0147	630 U	630 U	630 U	630 U	3,300 UJ	630 U	630 U	3,300 UJ	630 U	16,000 UJ	3,300 U
S319	7/14/2000	300 - 400		VC0148	630 U	630 U	630 U	630 U	3,200 U	630 U	630 U	3,200 U	630 U	16,000 UJ	3,200 U
S319	7/14/2000	400 - 500		VC0149	60 U	60 U	60 U	60 U	310 U	60 U	60 U	310 U	60 U	1,600 UJ	310 U
S319	7/14/2000	500 - 600		VC0150	61 U	61 U	61 U	61 U	310 U	61 U	61 U	310 U	32 J	1,600 U	310 U
S319	7/14/2000	600 - 700		VC0151	60 U	60 U	60 U	60 U	310 U	60 U	60 U	310 U	60 U	1,600 U	310 U
S319	7/14/2000	700 - 800		VC0152	59 U	59 U	59 U	59 U	300 U	59 U	59 U	300 U	59 U	1,500 U	300 U

Table B1-16. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	1,2-Dichloro-benzene (µg/kg-dw)	1,3-Dichloro-benzene (µg/kg-dw)	1,4-Dichloro-benzene (µg/kg-dw)	3,3-Dichloro-benzidine (µg/kg-dw)	2,4-Dichloro-phenol (µg/kg-dw)	Diethyl phthalate (µg/kg-dw)	Dimethyl phthalate (µg/kg-dw)	2,4-Dimethyl-phenol (µg/kg-dw)	Di-n-butyl phthalate (µg/kg-dw)	2,4-Dinitro-phenol (µg/kg-dw)	2,4-Dinitro-toluene (µg/kg-dw)
S320	8/13/2000	0 - 15		SF0084	96 U	96 U	96 U	96 U	500 U	96 U	96 U	500 U	170	2,500 U	500 U
S320	8/14/2000	15 - 30		SF0085	100 UJ	100 UJ	100 UJ	100 UJ	530 UJ	100 UJ	100 UJ	530 UJ	100 UJ	2,700 UJ	530 UJ
S320	7/13/2000	30 - 100		VC0153	180 U	180 U	330	180 U	920 U	180 U	180 U	920 U	180 UJ	4,600 U	920 U
S320	7/13/2000	100 - 200		VC0154	200 J	180 J	870 J	160 UJ	850 UJ	160 UJ	160 UJ	850 UJ	160 UJ	4,200 UJ	850 UJ
S320	7/13/2000	200 - 300		VC0155	71 U	71 U	71 U	71 U	370 U	71 U	71 U	370 U	71 U	1,800 U	370 U
S320	7/13/2000	300 - 400		VC0156	5,800 U	5,800 U	5,800 U	5,800 U	30,000 U	5,800 U	5,800 U	30,000 U	5,800 U	150,000 U	30,000 U
S320	7/13/2000	400 - 500		VC0157	62 U	62 U	62 U	62 U	320 UJ	62 U	62 U	320 UJ	62 U	1,600 UJ	320 U
S320	7/13/2000	500 - 600		VC0158	62 U	62 U	62 U	62 U	320 U	62 U	62 U	320 U	62 U	1,600 U	320 U
S320	7/13/2000	600 - 700		VC0159	62 U	62 U	62 U	62 U	320 U	62 U	62 U	320 U	62 U	1,600 U	320 U
S321	8/4/2000	0 - 15		SF0086	46 U	46 U	46 U	46 U	240 U	46 U	46 U	240 U	46 U	1,200 U	240 U
S321	8/4/2000	15 - 30		SF0087	130 U	130 U	130 U	130 U	690 U	130 U	130 U	690 U	130 U	3,400 U	690 U
S321	7/13/2000	30 - 100		VC0161	43 U	43 U	43 U	43 U	220 U	43 U	43 U	220 U	32 J	1,100 U	220 U
S321	7/13/2000	100 - 200		VC0162	49 U	49 U	49 U	49 U	250 U	49 U	49 U	250 U	49 U	1,300 U	250 U
S321	7/13/2000	200 - 300		VC0163	50 U	50 U	50 U	50 U	260 U	50 U	50 U	260 U	50 U	1,300 U	260 U
S321	7/13/2000	300 - 400		VC0164	50 U	50 U	50 U	50 U	260 U	50 U	50 U	260 U	50 U	1,300 U	260 U
S321	7/13/2000	400 - 500		VC0165	52 U	52 U	52 U	52 U	270 U	52 U	52 U	270 U	52 U	1,300 U	270 U
S321	7/13/2000	500 - 560		VC0166	54 U	54 U	54 U	54 U	280 U	54 U	54 U	280 U	54 U	1,400 U	280 U
S321	7/13/2000	560 - 600		VC0167B	55 U	55 U	55 U	55 U	280 U	55 U	55 U	280 U	55 U	1,400 U	280 U
S321	7/13/2000	600 - 700		VC0167	56 U	56 U	56 U	56 U	290 U	56 U	56 U	290 U	56 U	1,400 U	290 U
S321	7/13/2000	700 - 800		VC0168	56 U	56 U	56 U	56 U	290 U	56 U	56 U	290 U	56 U	1,400 U	290 U
S322	8/10/2000	0 - 15		SF0088	200 UJ	200 UJ	210 J	200 UJ	1,000 UJ	200 UJ	200 UJ	1,000 UJ	200 UJ	5,200 UJ	1,000 UJ
S322	8/10/2000	15 - 30		SF0089	650 UJ	650 UJ	650 UJ	650 UJ	3,400 UJ	650 UJ	650 UJ	3,400 UJ	650 UJ	17,000 UJ	3,400 UJ
S322	7/13/2000	30 - 100		VC0169	46 J	38 J	160	64 U	330 U	64 U	64 U	330 U	64 U	1,700 U	330 U
S322	7/13/2000	100 - 200		VC0170	52 UJ	52 UJ	52 UJ	52 UJ	270 UJ	52 UJ	52 UJ	270 UJ	52 UJ	1,300 UJ	270 UJ
S322	7/13/2000	200 - 300		VC0171	58 U	58 U	58 U	58 U	300 U	58 U	58 U	300 U	58 U	1,500 U	300 U
S322	7/13/2000	300 - 400		VC0172	56 U	56 U	56 U	56 U	290 U	56 U	56 U	290 U	56 U	1,400 U	290 U
S322	7/13/2000	400 - 500	D1	VC0173	54 U	54 U	54 U	54 U	280 U	54 U	54 U	280 U	54 U	1,400 U	280 U
S322	7/13/2000	400 - 500	D2	VC0185	54 UJ	54 UJ	54 UJ	54 UJ	280 UJ	54 UJ	54 UJ	280 UJ	50 U	1,400 UJ	280 UJ
S322	7/13/2000	500 - 600		VC0174	53 U	53 U	53 U	53 U	270 U	53 U	53 U	270 U	53 U	1,400 U	270 U
S322	7/13/2000	600 - 700		VC0175	52 U	52 U	52 U	52 U	270 U	52 U	52 U	270 U	52 U	1,300 U	270 U
S322	7/13/2000	700 - 800		VC0176	49 U	49 U	49 U	49 U	250 U	49 U	49 U	250 U	49 U	1,300 U	250 U
S323	8/13/2000	0 - 15		SF0090	61 U	61 U	61 U	61 U	310 U	61 U	61 U	310 U	71	1,600 U	310 U
S323	8/4/2000	15 - 30		SF0091	160 U	200	470	160 U	840 UJ	160 U	160 U	840 UJ	160 U	4,200 UJ	840 U
S323	7/12/2000	30 - 100		VC0177	160 U	160 U	160 UJ	160 U	830 U	160 U	160 U	830 U	160 U	4,100 U	830 U
S323	7/12/2000	100 - 200		VC0178	130 U	130 U	130 UJ	130 U	660 U	130 U	130 U	660 U	130 U	3,300 U	660 U
S323	7/12/2000	200 - 300		VC0179	130 U	130 U	130 UJ	130 U	680 U	130 U	130 U	680 U	130 U	3,400 U	680 U
S323	7/12/2000	300 - 400		VC0180	60 U	60 U	60 U	60 U	310 UJ	60 U	60 U	310 U	60 U	1,500 UJ	310 U
S323	7/12/2000	400 - 500		VC0181	59 U	59 U	59 UJ	59 U	300 U	59 U	59 U	300 U	59 U	1,500 UJ	300 U
S323	7/12/2000	500 - 600		VC0182	54 U	54 U	54 UJ	54 U	280 U	54 U	54 U	280 U	54 U	1,400 UJ	280 U
S323	7/12/2000	600 - 700		VC0183	53 U	53 U	53 UJ	53 U	270 U	53 U	53 U	270 U	53 U	1,400 UJ	270 U
S323	7/12/2000	700 - 800		VC0184	52 U	52 U	52 UJ	52 U	270 U	52 U	52 U	270 U	52 U	1,300 UJ	270 U

Table B1-16. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	2,6-Dinitro-toluene (µg/kg-dw)	Di-n-octyl phthalate (µg/kg-dw)	Fluor-anthene (µg/kg-dw)	Fluorene (µg/kg-dw)	Hexachloro-benzene (µg/kg-dw)	Hexachloro-benzene (GC/ECD) (µg/kg-dw)	Hexachloro-butadiene (µg/kg-dw)	Hexachloro-cyclopentadiene (µg/kg-dw)	Hexachloro-ethane (µg/kg-dw)	Indeno(1,2,3-cd)pyrene (µg/kg-dw)	Isophorone (µg/kg-dw)
S301	7/22/2000	0 - 15		VC0215	320 UJ	62 UJ	86 J	62 UJ	62 UJ	19.1	62 UJ	320 UJ	62 UJ	62 UJ	62 UJ
S301	7/22/2000	15 - 30		VC0024	340 U	66 U	180 J	66 U	66 U	39.1	66 U	340 UJ	66 UJ	66 U	66 U
S301	7/22/2000	30 - 56		VC0001	370 UJ	73 UJ	73 UJ	73 UJ	73 UJ	313 J	73 UJ	370 UJ	73 UJ	73 UJ	73 UJ
S301	7/22/2000	56 - 156	D1	VC0002	300 U	59 U	120	59 U	91	226 J	59 U	300 U	59 U	59 U	59 U
S301	7/22/2000	56 - 156	D2	VC0195	310 U	60 U	120 J	60 U	110 J	356	60 U	310 UJ	60 UJ	60 U	60 U
S301	7/22/2000	156 - 256		VC0003	330 UJ	65 UJ	190 J	65 UJ	65 UJ	33.7 J	65 UJ	330 UJ	65 UJ	65 UJ	65 UJ
S301	7/22/2000	256 - 356		VC0004	330 UJ	64 UJ	130 J	64 UJ	64 UJ	12.5 J	64 UJ	330 UJ	64 UJ	64 UJ	64 UJ
S301	7/22/2000	356 - 437		VC0005	340 UJ	66 UJ	580 J	66 UJ	66 UJ	1 UR	66 UJ	340 UJ	66 UJ	140 J	66 UJ
S301	7/22/2000	437 - 537		VC0006	300 UJ	58 UJ	58 UJ	58 UJ	58 UJ	1 U	58 UJ	300 UJ	58 UJ	58 UJ	58 UJ
S301	7/22/2000	537 - 637		VC0007	270 UJ	52 UJ	52 UJ	52 UJ	52 UJ	1 U	52 UJ	270 UJ	52 UJ	52 UJ	52 UJ
S301	7/22/2000	637 - 730		VC0008	230 UJ	46 UJ	46 UJ	46 UJ	46 UJ	1 UR	46 UJ	230 UJ	46 UJ	46 UJ	46 UJ
S302	8/12/2000	0 - 15		SF0048	400 U	77 U	470	77 U	77 U	18.5	77 U	400 UJ	77 U	220	77 U
S302	8/14/2000	15 - 30		SF0049	340 UJ	65 UJ	170 J	65 UJ	65 UJ	3.07	65 UJ	340 UJ	65 UJ	67 J	65 UJ
S302	7/22/2000	30 - 59		VC0009	330 UJ	64 UJ	64 UJ	64 UJ	64 UJ	16.9 J	64 UJ	330 UJ	64 UJ	64 UJ	64 UJ
S302	7/22/2000	59 - 159		VC0010	310 UJ	60 UJ	260 J	60 UJ	60 UJ	1 UR	60 UJ	310 UJ	60 UJ	96 J	60 UJ
S302	7/22/2000	159 - 259		VC0011	330 U	64 U	190	64 U	64 U	14.8	64 U	330 U	64 U	64 U	64 U
S302	7/22/2000	259 - 359		VC0012	350 UJ	67 UJ	290 J	67 UJ	67 UJ	23.4	67 UJ	350 UJ	67 UJ	67 UJ	67 UJ
S302	7/22/2000	359 - 459		VC0013	340 U	66 U	150	66 U	66 U	1.62 J	66 U	340 U	66 U	66 U	66 U
S302	7/22/2000	459 - 559		VC0014	330 U	64 U	320	64 U	64 U	1.02 J	64 U	330 U	64 U	64 U	64 U
S302	7/22/2000	559 - 659		VC0015	330 U	64 U	64 U	64 U	64 U	1 UJ	64 U	330 U	64 U	64 U	64 U
S302	7/22/2000	659 - 761		VC0016	300 UJ	59 UJ	59 UJ	59 UJ	59 UJ	1 UJ	59 UJ	300 UJ	59 UJ	59 UJ	59 UJ
S303	8/12/2000	0 - 15		SF0038	570 U	110 U	360	110 U	110 U	2.51 J	110 U	570 UJ	110 U	180	110 U
S303	7/22/2000	15 - 30		VC0214	410 U	80 U	120 J	80 U	80 U	6.32	80 U	410 UJ	80 UJ	80 U	80 U
S303	7/22/2000	30 - 100		VC0017	420 UJ	81 UJ	920 J	81 UJ	81 UJ	12.9	81 UJ	420 UJ	81 UJ	200 J	81 UJ
S303	7/22/2000	100 - 200		VC0018	370 U	72 U	180	72 U	72 U	1 UR	72 U	370 UJ	72 U	72 U	72 U
S303	7/22/2000	200 - 300		VC0019	380 UJ	74 UJ	74 UJ	74 UJ	74 UJ	1 UJ	74 UJ	380 UJ	74 UJ	74 UJ	74 UJ
S303	7/22/2000	300 - 400	D1	VC0020	340 UJ	66 UJ	66 UJ	66 UJ	66 UJ	1 U	66 UJ	340 UJ	66 UJ	66 UJ	66 UJ
S303	7/22/2000	300 - 400	D2	VC0198	340 UJ	66 UJ	66 UJ	66 UJ	66 UJ	1.24	66 UJ	340 UJ	66 UJ	66 UJ	66 UJ
S303	7/22/2000	400 - 500		VC0021	310 UJ	60 UJ	60 UJ	60 UJ	60 UJ	1 U	60 UJ	310 UJ	60 UJ	60 UJ	60 UJ
S303	7/22/2000	500 - 600		VC0022	290 UJ	56 UJ	56 UJ	56 UJ	56 UJ	1 U	56 UJ	290 UJ	56 UJ	56 UJ	56 UJ
S303	7/22/2000	600 - 618		VC0023	260 U	51 U	51 U	51 U	51 U	1 U	51 U	260 UJ	51 UJ	51 U	51 U
S304	8/9/2000	0 - 15		SF0052	280 U	54 U	270 J	54 U	140 J	1,370	54 U	280 UJ	54 U	91 J	54 U
S304	8/9/2000	15 - 30		SF0053	250 U	48 U	450 J	48 U	300 J	521	48 U	250 UJ	48 U	130 J	48 U
S304	7/21/2000	30 - 100		VC0025	290 U	56 U	89	56 U	56 U	347 J	66	290 UJ	56 U	56 U	56 U
S304	7/21/2000	100 - 200		VC0026	310 UJ	60 UJ	60 UJ	60 UJ	60 UJ	299 J	60 UJ	310 UJ	60 UJ	60 UJ	60 UJ
S304	7/21/2000	200 - 300	D1	VC0027	330 UJ	64 UJ	65 J	64 UJ	400 J	1,640 J	64 UJ	330 UJ	64 UJ	64 UJ	64 UJ
S304	7/21/2000	200 - 300	D2	VC0201	330 UJ	64 UJ	340 J	64 UJ	1,600 J	1,880 J	64 UJ	330 UJ	64 UJ	64 UJ	64 UJ
S304	7/21/2000	300 - 400		VC0028	330 UJ	63 UJ	210 J	63 UJ	63 UJ	188 J	63 UJ	330 UJ	63 UJ	63 UJ	63 UJ
S304	7/21/2000	400 - 500		VC0029	320 UJ	62 UJ	260 J	62 UJ	62 UJ	2.67 J	62 UJ	320 UJ	62 UJ	62 UJ	62 UJ
S304	7/21/2000	500 - 600		VC0030	670 U	130 U	580	130 U	130 U	1 UR	130 U	670 UJ	130 U	130 U	130 U
S304	7/21/2000	600 - 700		VC0031	600 U	120 U	230	120 U	120 U	1 UR	120 U	600 UJ	120 U	120 U	120 U
S304	7/21/2000	700 - 727		VC0032	320 U	62 U	310	62 U	62 U	1 UR	62 U	320 UJ	62 U	62 U	62 U
S305	8/12/2000	0 - 15		SF0054	370 U	72 U	72 U	72 U	72 U	53.5 J	72 U	370 UJ	72 U	72 U	72 U
S305	8/4/2000	15 - 30		SF0055	360 UJ	69 UJ	360 J	69 UJ	69 UJ	6.1 J	69 UJ	360 UJ	69 UJ	130 J	69 UJ
S305	7/21/2000	30 - 100		VC0033	290 U	56 U	150	56 U	56 U	5.59 J	56 U	290 UJ	56 U	56 U	56 U
S305	7/21/2000	100 - 200		VC0034	290 U	56 U	240	56 U	56 U	17.1 J	56 U	290 UJ	56 U	56 U	56 U
S305	7/21/2000	200 - 300		VC0035	300 UJ	59 UJ	200 J	59 UJ	59 UJ	16.4 J	59 UJ	300 UJ	59 UJ	59 UJ	59 UJ
S305	7/21/2000	300 - 400		VC0036	310 U	60 U	310	60 U	60 U	29.9 J	60 U	310 UJ	60 U	60 U	60 U
S305	7/21/2000	400 - 500		VC0037	320 UJ	61 UJ	250 J	61 UJ	61 UJ	159 J	61 UJ	320 UJ	61 UJ	61 UJ	61 UJ

Table B1-16. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	2,6-Dinitro-toluene (µg/kg-dw)	Di-n-octyl phthalate (µg/kg-dw)	Fluor-anthene (µg/kg-dw)	Fluorene (µg/kg-dw)	Hexachloro-benzene (µg/kg-dw)	Hexachloro-benzene (GC/ECD) (µg/kg-dw)	Hexachloro-butadiene (µg/kg-dw)	Hexachloro-cyclopentadiene (µg/kg-dw)	Hexachloro-ethane (µg/kg-dw)	Indeno(1,2,3-cd)pyrene (µg/kg-dw)	Isophorone (µg/kg-dw)
S305	7/21/2000	500 - 600		VC0038	340 U	66 U	250	66 U	66 U	1 UJ	66 U	340 UJ	66 UJ	66 UJ	66 U
S305	7/21/2000	600 - 635		VC0211	330 UJ	64 UJ	410 J	64 UJ	64 UJ	10 J	64 UJ	330 UJ	64 UJ	64 UJ	64 UJ
S305	7/21/2000	635 - 692		VC0039	360 U	70 U	310	70 U	70 U	1 UJ	70 U	360 UJ	70 U	70 U	70 U
S305	7/21/2000	692 - 737		VC0040	290 U	56 U	66	56 U	56 U	1 UJ	56 U	290 UJ	56 U	56 U	56 U
S306	7/21/2000	0 - 15		VC0212	270 UJ	52 UJ	52 UJ	52 UJ	52 UJ	27.6 J	52 UJ	270 UJ	52 UJ	52 UJ	52 UJ
S306	7/21/2000	15 - 30		VC0213	310 UJ	59 UJ	59 UJ	59 UJ	59 UJ	1 UJ	59 UJ	310 UJ	59 UJ	59 UJ	59 UJ
S306	7/21/2000	30 - 100		VC0041	300 U	58 U	58 U	58 U	58 U	1 UJ	58 U	300 UJ	58 U	58 U	58 U
S306	7/21/2000	100 - 200		VC0042	310 U	60 U	60 U	60 U	60 U	1 UJ	60 U	310 UJ	60 U	60 U	60 U
S306	7/21/2000	200 - 300		VC0043	320 UJ	62 UJ	62 UJ	62 UJ	62 UJ	1 UJ	62 UJ	320 UJ	62 UJ	62 UJ	62 UJ
S306	7/21/2000	300 - 400		VC0044	320 UJ	63 UJ	63 UJ	63 UJ	63 UJ	1 UJ	63 UJ	320 UJ	63 UJ	63 UJ	63 UJ
S306	7/21/2000	400 - 500		VC0045	320 UJ	62 UJ	62 UJ	62 UJ	62 UJ	1 UJ	62 UJ	320 UJ	62 UJ	62 UJ	62 UJ
S306	7/21/2000	500 - 600	D1	VC0046	310 UJ	61 UJ	61 UJ	61 UJ	61 UJ	1 UJ	61 UJ	310 UJ	61 UJ	61 UJ	61 UJ
S306	7/21/2000	500 - 600	D2	VC0199	310 UJ	61 UJ	61 UJ	61 UJ	61 UJ	1 UJ	61 UJ	310 UJ	61 UJ	61 UJ	61 UJ
S306	7/21/2000	600 - 700		VC0047	290 UJ	56 UJ	56 UJ	56 UJ	56 UJ	1 UJ	56 UJ	290 UJ	56 UJ	56 UJ	56 UJ
S306	7/21/2000	700 - 732		VC0048	270 UJ	52 UJ	52 UJ	52 UJ	52 UJ	1 UJ	52 UJ	270 UJ	52 UJ	52 UJ	52 UJ
S307	7/18/2000	0 - 15		VC0196	280 U	55 U	3,800	130	55 U	1.16 R	55 U	280 UJ	55 U	1,200	55 U
S307	7/18/2000	15 - 30		VC0197	270 U	52 U	520	52 U	52 U	1 UJ	52 U	270 UJ	52 U	160	52 U
S307	7/18/2000	30 - 100		VC0049	290 U	57 U	57 U	57 U	57 U	1 U	57 U	290 U	57 U	57 U	57 U
S307	7/18/2000	100 - 200		VC0050	300 U	57 U	57 U	57 U	57 U	1 U	57 U	300 U	57 U	57 U	57 U
S307	7/18/2000	200 - 300		VC0051	290 U	56 U	56 U	56 U	56 U	1 U	56 U	290 U	56 U	56 U	56 U
S307	7/18/2000	300 - 400		VC0052	300 U	57 U	57 U	57 U	57 U	1 U	57 U	300 U	57 U	57 U	57 U
S307	7/18/2000	400 - 500		VC0053	210 U	41 U	41 U	41 U	41 U	1 U	41 U	210 U	41 U	41 U	41 U
S307	7/18/2000	500 - 600		VC0054	200 U	40 U	40 U	40 U	40 U	1 U	40 U	200 U	40 U	40 U	40 U
S308	8/10/2000	0 - 15		SF0060	490 UJ	96 UJ	310 J	96 UJ	96 UJ	1.69	96 UJ	490 UR	96 UJ	160 J	96 UJ
S308	8/10/2000	15 - 30		SF0061	440 U	86 U	430	86 U	86 U	1.06 U	86 U	440 UR	86 U	170	86 U
S308	7/18/2000	30 - 100	D1	VC0057	530 U	100 U	2,300	400	100 U	5.04 J	100 U	530 U	100 U	530	100 U
S308	7/18/2000	30 - 100	D2	VC0191	530 U	100 U	2,300	370	100 U	4.51 J	100 U	530 UJ	100 U	500	100 U
S308	7/18/2000	100 - 200		VC0058	420 U	82 U	6,300	3,400	82 U	6.36 R	82 U	420 U	82 U	850	82 U
S308	7/18/2000	200 - 259		VC0059	380 U	73 U	3,700	640	73 U	1 U	73 U	380 U	73 U	650	73 U
S308	7/18/2000	259 - 359		VC0060	310 UJ	60 UJ	60 UJ	60 UJ	60 UJ	1 U	60 UJ	310 UJ	60 UJ	60 UJ	60 UJ
S308	7/18/2000	359 - 459		VC0061	290 U	57 U	57 U	57 U	57 U	1 U	57 U	290 U	57 U	57 U	57 U
S308	7/18/2000	459 - 559		VC0062	280 U	55 U	55 U	55 U	55 U	1 U	55 U	280 U	55 U	55 U	55 U
S308	7/18/2000	559 - 593		VC0063	280 UJ	54 UJ	54 UJ	54 UJ	54 UJ	1 U	54 UJ	280 UJ	54 UJ	54 U	54 UJ
S309	8/14/2000	0 - 15		SF0062	8,100 U	1,600 U	4,300	1,800	1,600 U	14.3 J	1,600 U	8,100 UJ	1,600 U	1,600 U	1,600 U
S309	8/14/2000	15 - 30		SF0063	20,000 U	3,800 U	3,800	3,800 U	3,800 U	74.5 J	3,800 U	20,000 UJ	3,800 U	3,800 U	3,800 U
S309	7/20/2000	30 - 74		VC0087	11,000 U	2,200 U	2,600	1,600	2,200 U	252 J	2,200 U	11,000 U	2,200 U	2,200 U	2,200 U
S309	7/20/2000	74 - 174		VC0065	1,700 U	340 U	1,400	1,400	340 U	103 J	340 U	1,700 U	340 U	180	340 U
S309	7/20/2000	174 - 274	D1	VC0066	10,000 U	1,900 U	11,000	9,200	1,900 U	8.35 J	1,900 U	10,000 U	1,900 U	1,900 U	1,900 U
S309	7/20/2000	174 - 274	D2	VC0192	10,000 U	2,000 U	6,800	5,800	2,000 U	28.3 J	2,000 U	10,000 U	2,000 U	2,000 U	2,000 U
S309	7/20/2000	274 - 374		VC0067	5,400 U	1,100 U	12,000	11,000	1,100 U	1 UJ	1,100 U	5,400 U	1,100 U	560	1,100 U
S309	7/20/2000	374 - 474		VC0068	5,400 U	1,100 U	9,200	8,800	1,100 U	1 UJ	1,100 U	5,400 U	1,100 U	980	1,100 U
S309	7/20/2000	474 - 578		VC0069	2,600 U	500 U	4,200	3,200	500 U	1 UJ	500 U	2,600 U	500 U	640	500 U
S309	7/20/2000	578 - 627		VC0070	9,200 U	1,800 U	56,000	71,000	1,800 U	2.9 J	1,800 U	9,200 U	1,800 U	1,300	1,800 U
S309	7/20/2000	627 - 674		VC0071	1,200 U	230 U	1,400	2,100	230 U	1 UJ	230 U	1,200 U	230 U	230 U	230 U
S309	7/20/2000	674 - 696		VC0072	1,400 U	280 U	3,900	4,500	280 U	1 UJ	280 U	1,400 U	280 U	300	280 U
S309	7/20/2000	696 - 730		VC0209	440 U	85 U	2,100	940	85 U	1 UR	85 U	440 U	85 U	360	85 U
S309	7/20/2000	730 - 789		VC0210	520 U	100 U	800	310	100 U	1 UR	100 U	520 U	100 U	110	100 U
S310	8/14/2000	0 - 15		SF0064	980 U	190 U	540	190 U	190 U	22.1 J	190 U	980 UJ	190 U	210	190 U
S310	8/14/2000	15 - 30		SF0065	870 UJ	170 UJ	640 J	170 UJ	170 UJ	10.9 J	170 UJ	870 UJ	170 UJ	170 UJ	170 UJ

Table B1-16. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	2,6-Dinitro-toluene (µg/kg-dw)	Di-n-octyl phthalate (µg/kg-dw)	Fluor-anthene (µg/kg-dw)	Fluorene (µg/kg-dw)	Hexachloro-benzene (µg/kg-dw)	Hexachloro-benzene (GC/ECD) (µg/kg-dw)	Hexachloro-butadiene (µg/kg-dw)	Hexachloro-cyclopentadiene (µg/kg-dw)	Hexachloro-ethane (µg/kg-dw)	Indeno(1,2,3-cd)pyrene (µg/kg-dw)	Isophorone (µg/kg-dw)
S310	7/20/2000	30 - 100		VC0073	4,000 U	780 U	1,800	670	780 U	211 J	780 U	4,000 U	780 U	780 U	780 U
S310	7/20/2000	100 - 200		VC0074	10,000 U	2,000 U	1,100	2,000 U	2,000 U	11.5 J	2,000 U	10,000 U	2,000 U	2,000 U	2,000 U
S310	7/20/2000	200 - 300		VC0075	19,000 U	3,700 U	3,700 U	3,700 U	3,700 U	33.6 J	3,700 U	19,000 UJ	3,700 U	3,700 U	3,700 U
S310	7/20/2000	300 - 400	D1	VC0076	4,400 U	850 U	1,500	1,500	850 U	46.3 J	850 U	4,400 UJ	850 U	850 U	850 U
S310	7/20/2000	300 - 400	D2	VC0186	13,000 U	2,500 U	2,500 U	23,000	2,500 U	54 J	2,500 U	13,000 U	2,500 U	2,500 U	2,500 U
S310	7/20/2000	400 - 500		VC0077	4,700 U	920 U	830	690	920 U	16.3 J	920 U	4,700 UJ	920 U	920 U	920 U
S310	7/20/2000	500 - 600		VC0078	1,600 U	310 U	350	180	310 U	11.4 J	310 U	1,600 UJ	310 U	310 U	310 U
S310	7/20/2000	600 - 653		VC0079	3,700 U	730 U	530	730 U	730 U	19.6 J	730 U	3,700 UJ	730 U	730 U	730 U
S310	7/20/2000	653 - 724		VC0080	10,000 U	1,900 U	1,900 U	62,000	1,900 U	50 J	1,900 U	10,000 U	1,900 U	1,900 U	1,900 U
S311	7/20/2000	0 - 15		VC0207	1,800 U	350 U	750	510	350 U	21.5 J	350 U	1,800 U	350 U	350 U	350 U
S311	7/20/2000	15 - 30		VC0208	3,200 U	620 U	4,300	800	620 U	40.7 J	620 U	3,200 U	620 U	700	620 U
S311	7/20/2000	30 - 100		VC0081	2,300 U	440 U	1,200	510	440 U	16.1 J	440 U	2,300 U	440 U	440 U	440 U
S311	7/20/2000	100 - 200		VC0082	550 U	110 U	790	130	110 U	1 UR	110 U	550 UJ	110 U	83	110 U
S311	7/20/2000	200 - 300		VC0083	510 U	99 U	160	99 U	99 U	1 UR	99 U	510 UJ	99 U	99 U	99 U
S311	7/20/2000	300 - 400		VC0084	540 U	110 U	76	110 U	110 U	1 UR	110 U	540 UJ	110 U	110 U	110 U
S311	7/20/2000	400 - 500		VC0085	560 U	110 U	100	110 U	110 U	1 UR	110 U	560 UJ	110 U	110 U	110 U
S311	7/20/2000	500 - 600		VC0086	650 U	130 U	130	130 U	130 U	1 UR	130 U	650 UJ	130 U	130 U	130 U
S312	8/14/2000	0 - 15		SF0068	18,000 U	3,400 U	3,400 U	3,400 U	3,400 U	338	3,400 U	18,000 UJ	3,400 U	3,400 U	3,400 U
S312	8/14/2000	15 - 30		SF0069	32,000 U	6,100 U	6,100 U	6,100 U	6,100 U	102	6,100 U	32,000 UJ	6,100 U	6,100 U	6,100 U
S312	7/20/2000	30 - 100		VC0089	16,000 U	3,100 U	3,100 U	3,100 U	3,100 U	197 J	3,100 U	16,000 U	3,100 U	3,100 U	3,100 U
S312	7/20/2000	100 - 200		VC0090	15,000 U	2,900 U	2,900 U	12,000	2,900 U	72.6 J	2,900 U	15,000 U	2,900 U	2,900 U	2,900 U
S312	7/20/2000	200 - 300	D1	VC0091	9,500 U	1,800 U	1,800 U	18,000	1,800 U	480 J	1,800 U	9,500 U	1,800 U	1,800 U	1,800 U
S312	7/20/2000	200 - 300	D2	VC0193	14,000 U	2,800 U	2,800 U	2,800 U	2,800 U	400 J	2,800 U	14,000 U	2,800 U	2,800 U	2,800 U
S312	7/20/2000	300 - 400		VC0092	2,400 U	460 U	340	460 U	460 U	398 J	460 U	2,400 U	460 U	460 U	460 U
S312	7/20/2000	400 - 500		VC0093	3,800 U	740 U	740 U	740 U	740 U	51.8 J	740 U	3,800 UJ	740 U	740 U	740 U
S312	7/20/2000	500 - 600		VC0094	4,100 U	790 U	1,200	680	790 U	35 J	790 U	4,100 UJ	790 U	790 U	790 U
S312	7/20/2000	600 - 700		VC0095	4,500 U	870 U	530	870 U	870 U	5.56 J	870 U	4,500 UJ	870 U	870 U	870 U
S313	7/18/2000	0 - 15		VC0187	59,000 U	11,000 U	250,000	140,000	11,000 U	403 R	11,000 U	59,000 UJ	11,000 U	38,000	11,000 U
S313	7/18/2000	15 - 30		VC0188	2,100 U	400 U	34,000	7,100	400 U	289 J	400 U	2,100 UJ	400 U	7,400	400 U
S313	7/18/2000	30 - 100	D1	VC0097	6,200 U	1,200 U	9,100	5,600	1,200 U	54.3	1,200 U	6,200 U	1,200 U	1,200	1,200 U
S313	7/18/2000	30 - 100	D2	VC0194	320 U	63 U	7,700	4,900	63 U	55.9 J	63 U	320 UJ	63 U	1,200	63 U
S313	7/18/2000	100 - 200		VC0098	3,100 UJ	610 UJ	29,000 J	14,000 J	610 UJ	13.9 J	610 UJ	3,100 UJ	610 UJ	4,200 J	610 UJ
S313	7/18/2000	200 - 300		VC0099	1,600 U	320 U	9,800	2,200	320 U	3.84 J	320 U	1,600 U	320 U	1,800	320 U
S313	7/18/2000	300 - 400		VC0100	560 UJ	110 UJ	4,700 J	790 J	110 UJ	1 UJ	110 UJ	560 UJ	110 UJ	1,200 J	110 UJ
S313	7/18/2000	400 - 500		VC0101	1,500 U	300 U	40,000	21,000	300 U	1 UJ	300 U	1,500 U	300 U	7,300	300 U
S313	7/18/2000	500 - 600		VC0102	310 U	60 U	580	170	60 U	1 UJ	60 U	310 UJ	60 U	120	60 U
S313	7/18/2000	600 - 700		VC0103	340 U	66 U	66 U	66 U	66 U	1 UJ	66 U	340 UJ	66 U	66 U	66 U
S313	7/18/2000	700 - 800		VC0104	320 U	62 U	270	130	62 U	1 UJ	62 U	320 UJ	62 U	62 U	62 U
S314	8/10/2000	0 - 15		SF0072	7,100 UJ	1,400 UJ	8,000 J	3,700 J	1,400 UJ	6,750	1,400 UJ	7,100 UJ	1,400 UJ	1,400 UJ	1,400 UJ
S314	8/10/2000	15 - 30		SF0073	7,700 UJ	1,500 UJ	3,200 J	3,000 J	1,500 UJ	2,630	1,500 UJ	7,700 UJ	1,500 UJ	1,500 UJ	1,500 UJ
S314	7/19/2000	30 - 100	D1	VC0105	6,800 U	1,300 U	2,500	1,300 U	1,300 U	340 R	1,300 U	6,800 U	1,300 U	1,300 U	1,300 U
S314	7/19/2000	30 - 100	D2	VC0200	5,100 U	990 U	1,900	1,300	990 U	394 R	990 U	5,100 U	990 U	990 U	990 U
S314	7/19/2000	100 - 200		VC0106	310 U	60 U	830	170	60 U	47 J	60 U	310 U	60 U	250	60 U
S314	7/19/2000	200 - 300		VC0107	1,700 U	330 U	48,000	49,000	330 U	150 J	330 U	1,700 U	330 U	1,700	330 U
S314	7/19/2000	300 - 400		VC0108	330 U	65 U	2,700	740	65 U	1.33 R	65 U	330 U	65 U	550	65 U
S314	7/19/2000	400 - 500		VC0109	330 U	63 U	1,900	580	63 U	1.62 J	63 U	330 U	63 U	340	63 U
S314	7/19/2000	500 - 600		VC0110	960 U	190 U	6,900	1,900	190 U	3.32 J	190 U	960 U	190 U	1,200	190 U
S314	7/19/2000	600 - 700		VC0111	1,800 U	340 U	1,500	600	340 U	1.02 J	340 U	1,800 U	340 U	190 J	340 U
S314	7/19/2000	700 - 800		VC0112	330 U	64 U	430	52 J	64 U	1 UJ	64 U	330 U	64 U	150	64 U

Table B1-16. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	2,6-Dinitro-toluene (µg/kg-dw)	Di-n-octyl phthalate (µg/kg-dw)	Fluor-anthene (µg/kg-dw)	Fluorene (µg/kg-dw)	Hexachloro-benzene (µg/kg-dw)	Hexachloro-benzene (GC/ECD) (µg/kg-dw)	Hexachloro-butadiene (µg/kg-dw)	Hexachloro-cyclopentadiene (µg/kg-dw)	Hexachloro-ethane (µg/kg-dw)	Indeno(1,2,3-cd)pyrene (µg/kg-dw)	Isophorone (µg/kg-dw)
S315	8/11/2000	0 - 15		SF0074	670 U	130 U	1,300	130 U	130 U	15.2	130 U	670 U	130 U	510	130 U
S315	8/14/2000	15 - 30		SF0075	640 UJ	130 UJ	200 J	130 UJ	260 J	11.7 J	130 UJ	640 UJ	130 UJ	130 UJ	130 UJ
S315	7/19/2000	30 - 100		VC0113	470 U	92 U	740	76	92 U	1 UR	92 U	470 U	92 U	200	92 U
S315	7/19/2000	100 - 200		VC0114	470 U	92 U	3,400	580	92 U	89.5 J	92 U	470 U	92 U	570	92 U
S315	7/19/2000	200 - 300		VC0115	400 U	77 U	2,700	900	77 U	1.73 J	77 U	400 U	77 U	540	77 U
S315	7/19/2000	300 - 400		VC0116	390 U	75 U	1,900	75 U	75 U	1 UJ	75 U	390 U	75 U	390	75 U
S315	7/19/2000	400 - 500		VC0117	350 U	68 U	3,500	1,200	68 U	1 UJ	68 U	350 U	68 U	530	68 U
S315	7/19/2000	500 - 600		VC0118	310 U	61 U	1,100	390	61 U	1.29 J	61 U	310 U	61 U	250	61 U
S315	7/19/2000	600 - 673		VC0119	300 U	58 U	950	100	58 U	1 UJ	58 U	300 U	58 U	310	58 U
S315	7/19/2000	673 - 767		VC0120	330 U	63 U	63 U	63 U	63 U	1 UJ	63 U	330 U	63 U	63 U	63 U
S316	8/10/2000	0 - 15		SF0076	440 U	86 U	3,000	86 U	86 U	1.76 R	86 U	440 UR	86 U	1,100	86 U
S316	8/10/2000	15 - 30		SF0077	1,100 U	210 U	7,800	1,900	210 U	1.08 U	210 U	1,100 UR	210 U	1,400	210 U
S316	7/15/2000	30 - 102		VC0121	480 UJ	94 UJ	6,500 J	1,000 J	94 UJ	1 U	94 UJ	480 UJ	94 UJ	1,100 J	94 UJ
S316	7/15/2000	102 - 201		VC0122	290 U	55 U	420	140	55 U	1 U	55 U	290 UJ	55 U	94	55 U
S316	7/15/2000	201 - 300		VC0123	310 UJ	59 UJ	59 UJ	59 UJ	59 UJ	1 U	59 UJ	310 UJ	59 UJ	59 UJ	59 UJ
S316	7/15/2000	300 - 400		VC0124	320 UJ	62 UJ	62 UJ	62 UJ	62 UJ	1 U	62 UJ	320 UJ	62 UJ	62 UJ	62 UJ
S316	7/15/2000	400 - 500		VC0125	340 U	66 U	66 U	66 U	66 U	1 U	66 U	340 UJ	66 U	66 U	66 U
S316	7/15/2000	500 - 600		VC0126	320 U	62 U	62 U	62 U	62 U	1 U	62 U	320 UJ	62 U	62 U	62 U
S316	7/15/2000	600 - 700		VC0127	310 UJ	60 UJ	60 UJ	60 UJ	60 UJ	1 UJ	60 UJ	310 UJ	60 UJ	60 UJ	60 UJ
S316	7/15/2000	700 - 800		VC0128	300 UJ	58 UJ	58 UJ	58 UJ	58 UJ	1 UJ	58 UJ	300 UJ	58 UJ	58 UJ	58 UJ
S317	8/11/2000	0 - 15		SF0078	450 U	86 U	4,000	160	86 U	27	86 U	450 U	86 U	1,000	86 U
S317	8/4/2000	15 - 30		SF0079	380 U	73 U	1,800	140	73 U	14.9	73 U	380 U	73 U	610	73 U
S317	7/15/2000	30 - 100		VC0129	390 U	76 U	2,700	460	76 U	148 J	76 U	390 UJ	76 U	510	76 U
S317	7/15/2000	100 - 200		VC0130	1,100 U	210 U	6,400	1,500	210 U	2.14 R	210 U	1,100 UJ	210 U	1,400	210 U
S317	7/15/2000	200 - 300		VC0131	940 U	180 U	6,900	98 J	180 U	1 R	180 U	940 UJ	180 U	1,200	180 U
S317	7/15/2000	300 - 400		VC0132	3,200 U	620 U	13,000	6,000	620 U	2 J	620 U	3,200 UJ	620 U	2,100	620 U
S317	7/15/2000	400 - 500		VC0133	300 U	58 U	3,000	400	58 U	1 UJ	58 U	300 UJ	58 U	800	58 U
S317	7/15/2000	500 - 600		VC0134	630 UJ	120 UJ	4,600 J	1,700 J	120 UJ	2 J	120 UJ	630 UJ	120 UJ	1,100 J	120 UJ
S317	7/15/2000	600 - 700		VC0135	300 UJ	58 UJ	58 UJ	58 UJ	58 UJ	1 UJ	58 UJ	300 UJ	58 UJ	58 UJ	58 UJ
S318	7/14/2000	0 - 15		VC0189	220 UJ	42 UJ	760 J	69 J	42 UJ	7.97	42 UJ	220 UJ	42 UJ	230 J	42 UJ
S318	7/14/2000	15 - 30		VC0190	220 U	42 U	2,700	280	42 U	12	42 U	220 U	42 U	760	42 U
S318	7/14/2000	30 - 100		VC0137	210 U	41 U	380	36 J	41 U	1.28 J	41 U	210 U	41 U	130	41 UJ
S318	7/14/2000	100 - 200		VC0138	270 UJ	52 UJ	52 UJ	52 UJ	52 UJ	1 U	52 UJ	270 UJ	52 UJ	52 UJ	52 UJ
S318	7/14/2000	200 - 300		VC0139	280 UJ	55 UJ	55 UJ	55 UJ	55 UJ	1 U	55 UJ	280 UJ	55 UJ	55 UJ	55 UJ
S318	7/14/2000	300 - 400		VC0140	290 U	57 U	57 U	57 U	57 U	1 U	57 U	290 U	57 U	57 U	57 UJ
S318	7/14/2000	400 - 500		VC0141	330 U	64 U	64 U	64 U	64 U	1 U	64 U	330 U	64 U	64 U	64 UJ
S318	7/14/2000	500 - 600		VC0142	320 UJ	63 UJ	63 UJ	63 UJ	63 UJ	1 U	63 UJ	320 UJ	63 UJ	63 UJ	63 UJ
S318	7/14/2000	600 - 700		VC0143	310 U	59 U	59 U	59 U	59 U	1.06 U	59 U	310 U	59 U	59 U	59 UJ
S318	7/14/2000	700 - 800		VC0144	290 U	57 U	57 U	57 U	57 U	1 U	57 U	290 U	57 U	57 U	57 UJ
S319	8/4/2000	0 - 15		SF0082	350 UJ	68 UJ	2,600 J	160 J	68 UJ	21.2 J	68 UJ	350 UJ	68 UJ	1,000 J	68 UJ
S319	8/4/2000	15 - 30		SF0083	340 U	66 U	1,500	120	66 U	12.3 J	66 U	340 U	66 U	610	66 U
S319	7/14/2000	30 - 100		VC0145	370 U	71 U	5,000	550	71 U	7.67 J	71 U	370 U	71 U	960	71 UJ
S319	7/14/2000	100 - 200		VC0146	3,300 U	650 U	16,000	9,000	650 U	6.18 R	650 U	3,300 U	650 U	2,600	650 UJ
S319	7/14/2000	200 - 300		VC0147	3,300 U	630 U	11,000	6,900	630 U	1.15 J	630 U	3,300 UJ	630 U	1,500	630 U
S319	7/14/2000	300 - 400		VC0148	3,200 U	630 U	20,000	5,700	630 U	1.32 J	630 U	3,200 U	630 U	4,700	630 UJ
S319	7/14/2000	400 - 500		VC0149	310 U	60 U	4,100	420	60 U	1 U	60 U	310 U	60 U	1,400	60 UJ
S319	7/14/2000	500 - 600		VC0150	310 U	61 U	140	42 J	61 U	1 U	61 U	310 UJ	61 U	61 U	61 U
S319	7/14/2000	600 - 700		VC0151	310 U	60 U	60 U	60 U	60 U	1 U	60 U	310 UJ	60 U	60 U	60 U
S319	7/14/2000	700 - 800		VC0152	300 U	59 U	59 U	59 U	59 U	1 U	59 U	300 UJ	59 U	59 U	59 U

Table B1-16. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	2,6-Dinitro-toluene (µg/kg-dw)	Di-n-octyl phthalate (µg/kg-dw)	Fluor-anthene (µg/kg-dw)	Fluorene (µg/kg-dw)	Hexachloro-benzene (µg/kg-dw)	Hexachloro-benzene (GC/ECD) (µg/kg-dw)	Hexachloro-butadiene (µg/kg-dw)	Hexachloro-cyclopentadiene (µg/kg-dw)	Hexachloro-ethane (µg/kg-dw)	Indeno(1,2,3-cd)pyrene (µg/kg-dw)	Isophorone (µg/kg-dw)
S320	8/13/2000	0 - 15		SF0084	500 U	96 U	630	96 U	96 U	14.5 J	96 U	500 U	96 U	310	96 U
S320	8/14/2000	15 - 30		SF0085	530 UJ	100 UJ	850 J	100 UJ	100 UJ	9.65 J	100 UJ	530 UJ	100 UJ	340 J	100 UJ
S320	7/13/2000	30 - 100		VC0153	920 U	180 U	2,800	180 U	180 U	2.99 J	180 U	920 U	180 U	600	180 U
S320	7/13/2000	100 - 200		VC0154	850 UJ	160 UJ	9,100 J	2,100 J	160 UJ	17.1 R	160 UJ	850 UJ	160 UJ	1,600 J	160 UJ
S320	7/13/2000	200 - 300		VC0155	370 U	71 U	590	46 J	71 U	6.22 J	71 U	370 U	71 U	150	71 U
S320	7/13/2000	300 - 400		VC0156	30,000 U	5,800 U	35,000	35,000	5,800 U	5.58 J	5,800 U	30,000 U	5,800 U	3,300 J	5,800 U
S320	7/13/2000	400 - 500		VC0157	320 U	62 UJ	750	120	62 U	1 UJ	62 U	320 U	62 U	180	62 U
S320	7/13/2000	500 - 600		VC0158	320 U	62 U	190	240	62 U	1 UJ	62 U	320 U	62 U	62 U	62 U
S320	7/13/2000	600 - 700		VC0159	320 U	62 U	62 U	62 U	62 U	1 UJ	62 U	320 U	62 U	62 U	62 U
S321	8/4/2000	0 - 15		SF0086	240 U	46 U	490	46 U	46 U	1.07 UR	46 U	240 U	46 U	280	46 U
S321	8/4/2000	15 - 30		SF0087	690 U	130 U	5,300	130 U	130 U	1.07 UR	130 U	690 U	130 U	1,100	130 U
S321	7/13/2000	30 - 100		VC0161	220 U	43 U	43 U	43 U	43 U	1 UJ	43 U	220 U	43 U	43 U	43 U
S321	7/13/2000	100 - 200		VC0162	250 U	49 U	49 U	49 U	49 U	1 UJ	49 U	250 U	49 U	49 U	49 U
S321	7/13/2000	200 - 300		VC0163	260 U	50 U	50 U	50 U	50 U	1 UJ	50 U	260 U	50 U	50 U	50 U
S321	7/13/2000	300 - 400		VC0164	260 U	50 U	50 U	50 U	50 U	1 UJ	50 U	260 U	50 U	50 U	50 U
S321	7/13/2000	400 - 500		VC0165	270 U	52 U	52 U	52 U	52 U	1 UJ	52 U	270 U	52 U	52 U	52 U
S321	7/13/2000	500 - 560		VC0166	280 U	54 U	54 U	54 U	54 U	1 UJ	54 U	280 U	54 U	54 U	54 U
S321	7/13/2000	560 - 600		VC0167B	280 U	55 U	55 U	55 U	55 U	1 UJ	55 U	280 U	55 U	55 U	55 U
S321	7/13/2000	600 - 700		VC0167	290 U	56 U	56 U	56 U	56 U	1 UJ	56 U	290 U	56 U	56 U	56 U
S321	7/13/2000	700 - 800		VC0168	290 U	56 U	56 U	56 U	56 U	1 UJ	56 U	290 U	56 U	56 U	56 U
S322	8/10/2000	0 - 15		SF0088	1,000 UJ	200 UJ	6,400 J	200 UJ	200 UJ	3.5	200 UJ	1,000 UR	200 UJ	1,200 J	200 UJ
S322	8/10/2000	15 - 30		SF0089	3,400 UJ	650 UJ	9,000 J	2,800 J	650 UJ	3.08 J	650 UJ	3,400 UJ	650 UJ	1,600 J	650 UJ
S322	7/13/2000	30 - 100		VC0169	330 U	64 U	3,100	670	64 U	2.65 R	64 U	330 U	64 U	480	64 U
S322	7/13/2000	100 - 200		VC0170	270 UJ	52 UJ	1,100 J	520 J	52 UJ	1.02 U	52 UJ	270 UJ	52 UJ	190 J	52 UJ
S322	7/13/2000	200 - 300		VC0171	300 U	58 U	58 U	58 U	58 U	1 U	58 U	300 U	58 U	58 U	58 U
S322	7/13/2000	300 - 400		VC0172	290 U	56 U	56 U	56 U	56 U	1.01 U	56 U	290 U	56 U	56 U	56 U
S322	7/13/2000	400 - 500	D1	VC0173	280 U	54 U	54 U	54 U	54 U	1 U	54 U	280 U	54 U	54 U	54 U
S322	7/13/2000	400 - 500	D2	VC0185	280 UJ	54 UJ	54 UJ	54 UJ	54 UJ	1 U	54 UJ	280 UJ	54 UJ	54 UJ	54 UJ
S322	7/13/2000	500 - 600		VC0174	270 U	53 U	53 U	53 U	53 U	1 U	53 U	270 U	53 U	53 U	53 U
S322	7/13/2000	600 - 700		VC0175	270 U	52 U	52 U	52 U	52 U	1 U	52 U	270 U	52 U	52 U	52 U
S322	7/13/2000	700 - 800		VC0176	250 U	49 U	49 U	49 U	49 U	1 U	49 U	250 U	49 U	49 U	49 U
S323	8/13/2000	0 - 15		SF0090	310 U	61 U	480	61 U	61 U	3.4	61 U	310 U	61 U	200	61 U
S323	8/4/2000	15 - 30		SF0091	840 U	160 U	4,300	710	160 U	15.9 J	160 U	840 U	160 U	750	160 U
S323	7/12/2000	30 - 100		VC0177	830 U	160 U	4,400	550	160 U	3.07 J	160 U	830 U	160 U	940	160 U
S323	7/12/2000	100 - 200		VC0178	660 U	130 U	4,500	1,600	130 U	1.1 J	130 U	660 U	130 U	800	130 U
S323	7/12/2000	200 - 300		VC0179	680 U	130 U	3,000	870	130 U	1.14 J	130 U	680 U	130 U	650	130 U
S323	7/12/2000	300 - 400		VC0180	310 U	60 U	1,100	60 U	60 U	1 UJ	60 U	310 UJ	60 U	410	60 U
S323	7/12/2000	400 - 500		VC0181	300 U	59 U	450 J	35	59 U	1 UJ	59 U	300 UJ	59 U	100	59 U
S323	7/12/2000	500 - 600		VC0182	280 U	54 U	54 U	54 U	54 U	1 UJ	54 U	280 UJ	54 U	54 U	54 U
S323	7/12/2000	600 - 700		VC0183	270 U	53 U	53 U	53 U	53 U	1 UJ	53 U	270 UJ	53 U	53 U	53 U
S323	7/12/2000	700 - 800		VC0184	270 U	52 U	52 U	52 U	52 U	1 UJ	52 U	270 UJ	52 U	52 U	52 U

Table B1-16. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	2-Methyl-4,6-dinitrophenol (µg/kg-dw)	2-Methyl-naphthalene (µg/kg-dw)	2-Methyl-phenol (µg/kg-dw)	4-Methyl-phenol (µg/kg-dw)	Naphthalene (µg/kg-dw)	2-Nitroaniline (µg/kg-dw)	3-Nitroaniline (µg/kg-dw)	4-Nitroaniline (µg/kg-dw)	Nitrobenzene (µg/kg-dw)	2-Nitro-phenol (µg/kg-dw)	4-Nitro-phenol (µg/kg-dw)
S301	7/22/2000	0 - 15		VC0215	1,600 UJ	62 UJ	62 UJ	62 UJ	62 UJ	130 UJ	1,600 UR	1,600 UJ	62 UJ	320 UJ	1,600 UJ
S301	7/22/2000	15 - 30		VC0024	1,700 U	66 U	66 U	66 U	66 U	130 U	1,700 UR	1,700 UJ	66 U	340 U	1,700 U
S301	7/22/2000	30 - 56		VC0001	1,900 UJ	73 UJ	73 UJ	73 UJ	73 UJ	150 UJ	1,900 UJ	1,900 UJ	73 UJ	370 UJ	1,900 UJ
S301	7/22/2000	56 - 156	D1	VC0002	1,500 U	59 U	59 U	59 U	59 U	120 U	1,500 U	1,500 UJ	59 U	300 U	1,500 U
S301	7/22/2000	56 - 156	D2	VC0195	1,500 U	60 U	60 U	60 U	60 U	120 U	1,500 UR	1,500 UJ	60 U	310 U	1,500 U
S301	7/22/2000	156 - 256		VC0003	1,700 UJ	65 UJ	65 UJ	65 UJ	65 UJ	130 UJ	1,700 UJ	1,700 UJ	65 UJ	330 UJ	1,700 UJ
S301	7/22/2000	256 - 356		VC0004	1,700 UJ	64 UJ	64 UJ	64 UJ	64 UJ	130 UJ	1,700 UJ	1,700 UJ	64 UJ	330 UJ	1,700 UJ
S301	7/22/2000	356 - 437		VC0005	1,700 UJ	66 UJ	66 UJ	66 UJ	66 UJ	130 UJ	1,700 UJ	1,700 UJ	66 UJ	340 UJ	1,700 UJ
S301	7/22/2000	437 - 537		VC0006	1,500 UJ	58 UJ	58 UJ	58 UJ	58 UJ	120 UJ	1,500 UJ	1,500 UJ	58 UJ	300 UJ	1,500 UJ
S301	7/22/2000	537 - 637		VC0007	1,400 UJ	52 UJ	52 UJ	52 UJ	52 UJ	110 UJ	1,400 UJ	1,400 UJ	52 UJ	270 UJ	1,400 UJ
S301	7/22/2000	637 - 730		VC0008	1,200 UJ	46 UJ	46 UJ	46 UJ	46 UJ	93 UJ	1,200 UJ	1,200 UJ	46 UJ	230 UJ	1,200 UJ
S302	8/12/2000	0 - 15		SF0048	2,000 U	77 U	77 U	77 U	77 U	160 U	2,000 U	2,000 U	77 U	400 U	2,000 U
S302	8/14/2000	15 - 30		SF0049	1,700 UJ	65 UJ	65 UJ	65 UJ	65 UJ	130 UJ	1,700 UJ	1,700 UJ	65 UJ	340 UJ	1,700 UJ
S302	7/22/2000	30 - 59		VC0009	1,700 UJ	64 UJ	64 UJ	64 UJ	64 UJ	130 UJ	1,700 UJ	1,700 UJ	64 UJ	330 UJ	1,700 UJ
S302	7/22/2000	59 - 159		VC0010	1,500 UJ	60 UJ	60 UJ	60 UJ	60 UJ	120 UJ	1,500 UJ	1,500 UJ	60 UJ	310 UJ	1,500 UJ
S302	7/22/2000	159 - 259		VC0011	1,600 U	64 U	64 U	64 U	64 U	130 U	1,600 U	1,600 UJ	64 U	330 U	1,600 U
S302	7/22/2000	259 - 359		VC0012	1,700 UJ	67 UJ	67 UJ	67 UJ	67 UJ	140 UJ	1,700 UJ	1,700 UJ	67 UJ	350 UJ	1,700 UJ
S302	7/22/2000	359 - 459		VC0013	1,700 U	66 U	66 U	66 U	66 U	130 U	1,700 U	1,700 UJ	66 U	340 U	1,700 U
S302	7/22/2000	459 - 559		VC0014	1,700 U	64 U	64 U	64 U	64 U	130 U	1,700 U	1,700 UJ	64 U	330 U	1,700 U
S302	7/22/2000	559 - 659		VC0015	1,700 U	64 U	64 U	64 U	64 U	130 U	1,700 U	1,700 UJ	64 U	330 U	1,700 U
S302	7/22/2000	659 - 761		VC0016	1,500 UJ	59 UJ	59 UJ	59 UJ	59 UJ	120 UJ	1,500 UJ	1,500 UJ	59 UJ	300 UJ	1,500 UJ
S303	8/12/2000	0 - 15		SF0038	2,900 UJ	110 U	110 UJ	110 UJ	110 U	230 U	2,900 U	2,900 U	110 U	570 UJ	2,900 UJ
S303	7/22/2000	15 - 30		VC0214	2,000 U	80 U	80 U	80 U	80 U	160 U	2,000 UR	2,000 UJ	80 U	410 U	2,000 U
S303	7/22/2000	30 - 100		VC0017	2,100 UJ	81 UJ	81 UJ	81 UJ	81 UJ	160 UJ	2,100 UJ	2,100 UJ	81 UJ	420 UJ	2,100 UJ
S303	7/22/2000	100 - 200		VC0018	1,900 U	72 U	72 U	72 U	72 U	150 U	1,900 U	1,900 UJ	72 U	370 U	1,900 U
S303	7/22/2000	200 - 300		VC0019	1,900 UJ	74 UJ	74 UJ	74 UJ	74 UJ	150 UJ	1,900 UJ	1,900 UJ	74 UJ	380 UJ	1,900 UJ
S303	7/22/2000	300 - 400	D1	VC0020	1,700 UJ	66 UJ	66 UJ	66 UJ	66 UJ	130 UJ	1,700 UJ	1,700 UJ	66 UJ	340 UJ	1,700 UJ
S303	7/22/2000	300 - 400	D2	VC0198	1,700 UJ	66 UJ	66 UJ	66 UJ	66 UJ	130 UJ	1,700 UR	1,700 UJ	66 UJ	340 UJ	1,700 UJ
S303	7/22/2000	400 - 500		VC0021	1,600 UJ	60 UJ	60 UJ	60 UJ	60 UJ	120 UJ	1,600 UJ	1,600 UJ	60 UJ	310 UJ	1,600 UJ
S303	7/22/2000	500 - 600		VC0022	1,400 UJ	56 UJ	56 UJ	56 UJ	56 UJ	110 UJ	1,400 UJ	1,400 UJ	56 UJ	290 UJ	1,400 UJ
S303	7/22/2000	600 - 618		VC0023	1,300 U	51 U	51 U	51 U	51 U	100 U	1,300 UR	1,300 UJ	51 U	260 U	1,300 U
S304	8/9/2000	0 - 15		SF0052	1,400 U	54 U	54 U	54 U	54 U	110 U	1,400 U	1,400 U	54 U	280 U	1,400 U
S304	8/9/2000	15 - 30		SF0053	1,200 U	48 U	48 U	48 U	48 U	97 U	1,200 U	1,200 U	48 U	250 U	1,200 U
S304	7/21/2000	30 - 100		VC0025	1,400 U	56 U	56 U	56 U	56 U	110 U	1,400 UJ	1,400 UJ	56 U	290 U	1,400 U
S304	7/21/2000	100 - 200		VC0026	1,600 UJ	60 UJ	60 UJ	60 UJ	60 UJ	120 UJ	1,600 UJ	1,600 UJ	60 UJ	310 UJ	1,600 UJ
S304	7/21/2000	200 - 300	D1	VC0027	1,600 UJ	64 UJ	64 UJ	64 UJ	64 UJ	130 UJ	1,600 UJ	1,600 UJ	64 UJ	330 UJ	1,600 UJ
S304	7/21/2000	200 - 300	D2	VC0201	1,700 UJ	64 UJ	64 UJ	110 J	64 UJ	130 UJ	1,700 UJ	1,700 UJ	64 UJ	330 UJ	1,700 UJ
S304	7/21/2000	300 - 400		VC0028	1,600 UJ	63 UJ	63 UJ	63 UJ	63 UJ	130 UJ	1,600 UJ	1,600 UJ	63 UJ	330 UJ	1,600 UJ
S304	7/21/2000	400 - 500		VC0029	1,600 UJ	62 UJ	62 UJ	62 UJ	62 UJ	130 UJ	1,600 UJ	1,600 UJ	62 UJ	320 UJ	1,600 UJ
S304	7/21/2000	500 - 600		VC0030	3,300 U	130 U	130 U	130 U	130 U	260 U	3,300 UJ	3,300 UJ	130 U	670 U	3,300 U
S304	7/21/2000	600 - 700		VC0031	3,000 U	120 U	120 U	120 U	120 U	240 U	3,000 UJ	3,000 UJ	120 U	600 U	3,000 U
S304	7/21/2000	700 - 727		VC0032	1,600 U	62 U	94	62 U	62 U	130 U	1,600 UJ	1,600 UJ	62 U	320 U	1,600 U
S305	8/12/2000	0 - 15		SF0054	1,800 U	72 U	72 U	72 U	72 U	150 U	1,800 U	1,800 U	72 U	370 U	1,800 U
S305	8/4/2000	15 - 30		SF0055	1,800 UJ	69 UJ	69 UJ	69 UJ	69 UJ	140 UJ	1,800 UJ	1,800 UJ	69 UJ	360 UJ	1,800 UJ
S305	7/21/2000	30 - 100		VC0033	1,400 UJ	56 U	56 UJ	56 UJ	56 U	110 U	1,400 UJ	1,400 UJ	56 U	290 UJ	1,400 UJ
S305	7/21/2000	100 - 200		VC0034	1,500 UJ	56 U	56 UJ	56 UJ	56 U	110 U	1,500 UJ	1,500 UJ	56 U	290 UJ	1,500 UJ
S305	7/21/2000	200 - 300		VC0035	1,500 UJ	59 UJ	59 UJ	59 UJ	59 UJ	120 UJ	1,500 UJ	1,500 UJ	59 UJ	300 UJ	1,500 UJ
S305	7/21/2000	300 - 400		VC0036	1,500 UJ	60 U	60 UJ	60 UJ	60 U	120 U	1,500 UJ	1,500 UJ	60 U	310 U	1,500 U
S305	7/21/2000	400 - 500		VC0037	1,600 UJ	61 UJ	61 UJ	61 UJ	61 UJ	120 UJ	1,600 UJ	1,600 UJ	61 UJ	320 UJ	1,600 UJ

Table B1-16. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	2-Methyl-4,6-dinitrophenol (µg/kg-dw)	2-Methyl-naphthalene (µg/kg-dw)	2-Methyl-phenol (µg/kg-dw)	4-Methyl-phenol (µg/kg-dw)	Naphthalene (µg/kg-dw)	2-Nitroaniline (µg/kg-dw)	3-Nitroaniline (µg/kg-dw)	4-Nitroaniline (µg/kg-dw)	Nitrobenzene (µg/kg-dw)	2-Nitro-phenol (µg/kg-dw)	4-Nitro-phenol (µg/kg-dw)
S305	7/21/2000	500 - 600		VC0038	1,700 UJ	66 U	66 UJ	66 UJ	66 U	130 U	1,700 UJ	1,700 UJ	66 U	340 UJ	1,700 UJ
S305	7/21/2000	600 - 635		VC0211	1,700 UJ	64 UJ	64 UJ	95 J	64 UJ	130 UJ	1,700 UJ	1,700 UJ	64 UJ	330 UJ	1,700 UJ
S305	7/21/2000	635 - 692		VC0039	1,800 U	70 U	70 U	70 U	70 U	140 U	1,800 UJ	1,800 UJ	70 U	360 U	1,800 U
S305	7/21/2000	692 - 737		VC0040	1,400 U	56 U	56 U	56 U	56 U	110 U	1,400 UJ	1,400 UJ	56 U	290 U	1,400 U
S306	7/21/2000	0 - 15		VC0212	1,300 UJ	52 UJ	52 UJ	52 UJ	52 UJ	110 UJ	1,300 UJ	1,300 UJ	52 UJ	270 UJ	1,300 UJ
S306	7/21/2000	15 - 30		VC0213	1,500 UJ	59 UJ	59 UJ	59 UJ	59 UJ	120 UJ	1,500 UJ	1,500 UJ	59 UJ	310 UJ	1,500 UJ
S306	7/21/2000	30 - 100		VC0041	1,500 U	58 U	58 U	58 U	58 U	120 U	1,500 UJ	1,500 UJ	58 U	300 U	1,500 U
S306	7/21/2000	100 - 200		VC0042	1,500 U	60 U	60 U	60 U	60 U	120 U	1,500 UJ	1,500 UJ	60 U	310 U	1,500 U
S306	7/21/2000	200 - 300		VC0043	1,600 UJ	62 UJ	62 UJ	62 UJ	62 UJ	130 UJ	1,600 UJ	1,600 UJ	62 UJ	320 UJ	1,600 UJ
S306	7/21/2000	300 - 400		VC0044	1,600 UJ	63 UJ	63 UJ	63 UJ	63 UJ	130 UJ	1,600 UJ	1,600 UJ	63 UJ	320 UJ	1,600 UJ
S306	7/21/2000	400 - 500		VC0045	1,600 UJ	62 UJ	62 UJ	62 UJ	62 UJ	130 UJ	1,600 UJ	1,600 UJ	62 UJ	320 UJ	1,600 UJ
S306	7/21/2000	500 - 600	D1	VC0046	1,600 UJ	61 UJ	61 UJ	61 UJ	61 UJ	120 UJ	1,600 UJ	1,600 UJ	61 UJ	310 UJ	1,600 UJ
S306	7/21/2000	500 - 600	D2	VC0199	1,600 UJ	61 UJ	61 UJ	61 UJ	61 UJ	120 UJ	1,600 UJ	1,600 UJ	61 UJ	310 UJ	1,600 UJ
S306	7/21/2000	600 - 700		VC0047	1,500 UJ	56 UJ	56 UJ	98 J	56 UJ	110 UJ	1,500 UJ	1,500 UJ	56 UJ	290 UJ	1,500 UJ
S306	7/21/2000	700 - 732		VC0048	1,300 UJ	52 UJ	52 UJ	930 J	52 UJ	110 UJ	1,300 UJ	1,300 UJ	52 UJ	270 UJ	1,300 UJ
S307	7/18/2000	0 - 15		VC0196	1,400 U	34 J	55 U	55 U	58	110 U	1,400 U	1,400 U	55 U	280 U	1,400 U
S307	7/18/2000	15 - 30		VC0197	1,300 U	52 U	52 U	52 U	52 U	110 U	1,300 UJ	1,300 U	52 U	270 U	1,300 U
S307	7/18/2000	30 - 100		VC0049	1,500 U	57 U	57 U	57 U	57 U	120 U	1,500 UJ	1,500 U	57 U	290 U	1,500 U
S307	7/18/2000	100 - 200		VC0050	1,500 U	57 U	57 U	57 U	57 U	120 U	1,500 UJ	1,500 U	57 U	300 U	1,500 U
S307	7/18/2000	200 - 300		VC0051	1,400 U	56 U	56 U	56 U	56 U	110 U	1,400 UJ	1,400 U	56 U	290 U	1,400 U
S307	7/18/2000	300 - 400		VC0052	1,500 U	57 U	57 U	57 U	57 U	120 U	1,500 UJ	1,500 U	57 U	300 U	1,500 U
S307	7/18/2000	400 - 500		VC0053	1,100 U	41 U	41 U	41 U	41 U	84 U	1,100 UJ	1,100 U	41 U	210 U	1,100 U
S307	7/18/2000	500 - 600		VC0054	1,000 U	40 U	40 U	40 U	40 U	81 U	1,000 UJ	1,000 U	40 U	200 U	1,000 U
S308	8/10/2000	0 - 15		SF0060	2,500 UJ	96 UJ	96 UJ	96 UJ	96 UJ	190 UJ	2,500 UJ	2,500 UJ	96 UJ	490 UJ	2,500 UJ
S308	8/10/2000	15 - 30		SF0061	2,200 UJ	86 U	86 UJ	86 UJ	86 U	170 U	2,200 UJ	2,200 U	86 U	440 UJ	2,200 UJ
S308	7/18/2000	30 - 100	D1	VC0057	2,600 U	520	100 U	100 U	630	210 U	2,600 UJ	2,600 U	100 U	530 U	2,600 U
S308	7/18/2000	30 - 100	D2	VC0191	2,700 U	520	100 U	100 U	630	210 U	2,700 UJ	2,700 U	100 U	530 U	2,700 U
S308	7/18/2000	100 - 200		VC0058	2,100 U	5,800	82 U	82 U	17,000	170 U	2,100 UJ	2,100 U	82 U	420 U	2,100 U
S308	7/18/2000	200 - 259		VC0059	1,900 U	580	73 U	73 U	2,100	150 U	1,900 U	1,900 U	73 U	380 U	1,900 U
S308	7/18/2000	259 - 359		VC0060	1,600 UJ	60 UJ	60 UJ	60 UJ	60 UJ	120 UJ	1,600 UJ	1,600 UJ	60 UJ	310 UJ	1,600 UJ
S308	7/18/2000	359 - 459		VC0061	1,500 U	57 U	57 U	57 U	57 U	120 U	1,500 UJ	1,500 U	57 U	290 U	1,500 U
S308	7/18/2000	459 - 559		VC0062	1,400 U	55 U	55 U	55 U	55 U	110 U	1,400 UJ	1,400 U	55 U	280 U	1,400 U
S308	7/18/2000	559 - 593		VC0063	1,400 UJ	54 UJ	54 UJ	54 UJ	54 UJ	110 UJ	1,400 UJ	1,400 UJ	54 UJ	280 UJ	1,400 UJ
S309	8/14/2000	0 - 15		SF0062	40,000 U	7,300	1,600 U	1,600 U	70,000	3,200 U	40,000 U	40,000 U	1,600 U	8,100 U	40,000 U
S309	8/14/2000	15 - 30		SF0063	100,000 U	15,000	3,800 U	3,800 U	120,000	7,700 U	100,000 U	100,000 U	3,800 U	20,000 U	100,000 U
S309	7/20/2000	30 - 74		VC0087	57,000 U	11,000	2,200 U	2,200 U	160,000	4,500 U	57,000 U	57,000 U	2,200 U	11,000 U	57,000 U
S309	7/20/2000	74 - 174		VC0065	8,700 U	11,000	340 U	340 U	150,000	690 U	8,700 U	8,700 U	340 U	1,700 U	8,700 U
S309	7/20/2000	174 - 274	D1	VC0066	50,000 U	13,000	1,900 U	1,900 U	130,000	4,000 U	50,000 U	50,000 U	1,900 U	10,000 U	50,000 U
S309	7/20/2000	174 - 274	D2	VC0192	51,000 U	8,700	2,000 U	2,000 U	92,000	4,000 U	51,000 U	51,000 U	2,000 U	10,000 U	51,000 U
S309	7/20/2000	274 - 374		VC0067	27,000 U	10,000	1,100 U	1,100 U	62,000	2,100 U	27,000 U	27,000 U	1,100 U	5,400 U	27,000 U
S309	7/20/2000	374 - 474		VC0068	27,000 U	11,000	1,100 U	1,100 U	85,000	2,100 U	27,000 U	27,000 U	1,100 U	5,400 U	27,000 U
S309	7/20/2000	474 - 578		VC0069	13,000 U	4,300	500 U	500 U	34,000	1,000 U	13,000 U	13,000 U	500 U	2,600 U	13,000 U
S309	7/20/2000	578 - 627		VC0070	46,000 U	60,000	1,800 U	1,800 U	190,000	3,600 U	46,000 U	46,000 U	1,800 U	9,200 U	46,000 U
S309	7/20/2000	627 - 674		VC0071	5,800 U	4,500	230 U	230 U	15,000	460 U	5,800 U	5,800 U	230 U	1,200 U	5,800 U
S309	7/20/2000	674 - 696		VC0072	7,100 U	7,700	280 U	280 U	15,000	560 U	7,100 U	7,100 U	280 U	1,400 U	7,100 U
S309	7/20/2000	696 - 730		VC0209	2,200 U	3,300	85 U	190	3,800	170 U	2,200 U	2,200 U	85 U	440 U	2,200 U
S309	7/20/2000	730 - 789		VC0210	2,600 U	970	100 U	250	600	200 U	2,600 U	2,600 U	100 U	520 U	2,600 U
S310	8/14/2000	0 - 15		SF0064	4,900 U	190 U	190 U	190 U	1,300	390 U	4,900 U	4,900 U	190 U	980 U	4,900 U
S310	8/14/2000	15 - 30		SF0065	4,300 UJ	540 J	170 UJ	170 UJ	1,000 J	340 UJ	4,300 UJ	4,300 UJ	170 UJ	870 UJ	4,300 UJ

Table B1-16. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	2-Methyl-4,6-dinitrophenol (µg/kg-dw)	2-Methyl-naphthalene (µg/kg-dw)	2-Methyl-phenol (µg/kg-dw)	4-Methyl-phenol (µg/kg-dw)	Naphthalene (µg/kg-dw)	2-Nitroaniline (µg/kg-dw)	3-Nitroaniline (µg/kg-dw)	4-Nitroaniline (µg/kg-dw)	Nitrobenzene (µg/kg-dw)	2-Nitro-phenol (µg/kg-dw)	4-Nitro-phenol (µg/kg-dw)
S310	7/20/2000	30 - 100		VC0073	20,000 U	4,600	780 U	2,900	61,000	1,600 U	20,000 U	20,000 U	780 U	4,000 U	20,000 U
S310	7/20/2000	100 - 200		VC0074	52,000 U	8,000	2,000 U	3,400	76,000	4,100 U	52,000 U	52,000 U	2,000 U	10,000 U	52,000 U
S310	7/20/2000	200 - 300		VC0075	95,000 UJ	14,000	3,700 UJ	3,700 UJ	210,000	7,500 U	95,000 U	95,000 U	3,700 U	19,000 UJ	95,000 UJ
S310	7/20/2000	300 - 400	D1	VC0076	22,000 U	19,000	5,400	5,300	250,000	1,700 U	22,000 U	22,000 U	850 U	4,400 U	22,000 U
S310	7/20/2000	300 - 400	D2	VC0186	65,000 U	10,000	2,500 U	4,700	150,000	5,200 U	65,000 U	65,000 U	2,500 U	13,000 U	65,000 U
S310	7/20/2000	400 - 500		VC0077	24,000 U	5,100	920 U	5,900	65,000	1,900 U	24,000 U	24,000 U	920 U	4,700 U	24,000 U
S310	7/20/2000	500 - 600		VC0078	8,000 U	1,900	310 U	2,800	26,000	630 U	8,000 U	8,000 U	310 U	1,600 U	8,000 U
S310	7/20/2000	600 - 653		VC0079	19,000 U	3,400	730 U	2,300	40,000	1,500 U	19,000 U	19,000 U	730 U	3,700 U	19,000 U
S310	7/20/2000	653 - 724		VC0080	50,000 U	8,700	1,900 U	1,900 U	110,000	3,900 U	50,000 U	50,000 U	1,900 U	10,000 U	50,000 U
S311	7/20/2000	0 - 15		VC0207	8,900 U	2,300	350 U	350 U	20,000	700 U	8,900 U	8,900 U	350 U	1,800 U	8,900 U
S311	7/20/2000	15 - 30		VC0208	16,000 U	3,000	620 U	620 U	30,000	1,300 U	16,000 U	16,000 U	620 U	3,200 U	16,000 U
S311	7/20/2000	30 - 100		VC0081	11,000 U	3,000	440 U	440 U	27,000	900 U	11,000 U	11,000 U	440 U	2,300 U	11,000 U
S311	7/20/2000	100 - 200		VC0082	2,800 U	170	110 U	110 U	710	220 U	2,800 U	2,800 U	110 U	550 U	2,800 U
S311	7/20/2000	200 - 300		VC0083	2,500 U	99 U	99 U	99 U	120	200 U	2,500 U	2,500 U	99 U	510 U	2,500 U
S311	7/20/2000	300 - 400		VC0084	2,700 U	110 U	110 U	110 U	110 U	210 U	2,700 U	2,700 U	110 U	540 U	2,700 U
S311	7/20/2000	400 - 500		VC0085	2,800 U	110 U	110 U	110 U	59	220 U	2,800 U	2,800 U	110 U	560 U	2,800 U
S311	7/20/2000	500 - 600		VC0086	3,200 U	130 U	130 U	99	130 U	260 U	3,200 U	3,200 U	130 U	650 U	3,200 U
S312	8/14/2000	0 - 15		SF0068	89,000 U	4,800	3,400 U	3,400 U	42,000	7,000 U	89,000 U	89,000 U	3,400 U	18,000 U	89,000 U
S312	8/14/2000	15 - 30		SF0069	160,000 U	7,100	6,100 U	6,100 U	84,000	12,000 U	160,000 U	160,000 U	6,100 U	32,000 U	160,000 U
S312	7/20/2000	30 - 100		VC0089	80,000 U	11,000	3,100 U	3,100 U	170,000	6,300 U	80,000 U	80,000 U	3,100 U	16,000 U	80,000 U
S312	7/20/2000	100 - 200		VC0090	75,000 U	10,000	2,900 U	2,900 U	170,000	5,900 U	75,000 U	75,000 U	2,900 U	15,000 U	75,000 U
S312	7/20/2000	200 - 300	D1	VC0091	48,000 U	9,900	1,800 U	1,800 U	140,000	3,800 U	48,000 U	48,000 U	1,800 U	9,500 U	48,000 U
S312	7/20/2000	200 - 300	D2	VC0193	72,000 U	12,000	2,800 U	2,800 U	180,000	5,700 U	72,000 U	72,000 U	2,800 U	14,000 U	72,000 U
S312	7/20/2000	300 - 400		VC0092	12,000 U	2,500	460 U	670	32,000	930 U	12,000 U	12,000 U	460 U	2,400 U	12,000 U
S312	7/20/2000	400 - 500		VC0093	19,000 U	2,600	740 U	860	30,000	1,500 U	19,000 U	19,000 U	740 U	3,800 U	19,000 U
S312	7/20/2000	500 - 600		VC0094	20,000 U	5,000	790 U	790 U	67,000	1,600 U	20,000 U	20,000 U	790 U	4,100 U	20,000 U
S312	7/20/2000	600 - 700		VC0095	22,000 U	2,600	870 U	930	40,000	1,800 U	22,000 U	22,000 U	870 U	4,500 U	22,000 U
S313	7/18/2000	0 - 15		VC0187	300,000 U	46,000	11,000 U	11,000 U	72,000	23,000 UJ	300,000 UJ	300,000 U	11,000 U	59,000 U	300,000 U
S313	7/18/2000	15 - 30		VC0188	10,000 UJ	10,000	400 UJ	400 UJ	32,000	820 U	10,000 UJ	10,000 U	400 U	2,100 UJ	10,000 U
S313	7/18/2000	30 - 100	D1	VC0097	31,000 U	13,000	1,200 U	1,200 U	41,000	2,400 U	31,000 UJ	31,000 U	1,200 U	6,200 U	31,000 U
S313	7/18/2000	30 - 100	D2	VC0194	1,600 U	13,000	63 U	63 U	42,000	130 U	1,600 UJ	1,600 U	63 U	320 U	1,600 U
S313	7/18/2000	100 - 200		VC0098	16,000 UJ	23,000 J	610 UJ	610 UJ	54,000 J	1,200 UJ	16,000 UJ	16,000 UJ	610 UJ	3,100 UJ	16,000 UJ
S313	7/18/2000	200 - 300		VC0099	8,100 U	1,900	320 U	320 U	4,900	640 U	8,100 UJ	8,100 U	320 U	1,600 U	8,100 U
S313	7/18/2000	300 - 400		VC0100	2,800 UJ	430 J	110 UJ	110 J	390 J	220 UJ	2,800 UJ	2,800 UJ	110 UJ	560 UJ	2,800 UJ
S313	7/18/2000	400 - 500		VC0101	7,700 U	12,000	300 U	300 U	21,000	610 U	7,700 UJ	7,700 U	300 U	1,500 U	7,700 U
S313	7/18/2000	500 - 600		VC0102	1,600 U	44	60 U	60 U	57	120 U	1,600 UJ	1,600 U	60 U	310 U	1,600 U
S313	7/18/2000	600 - 700		VC0103	1,700 U	66 U	66 U	66 U	66 U	130 U	1,700 UJ	1,700 U	66 U	340 U	1,700 U
S313	7/18/2000	700 - 800		VC0104	1,600 U	43 J	62 U	62 U	63	130 U	1,600 UJ	1,600 U	62 U	320 U	1,600 U
S314	8/10/2000	0 - 15		SF0072	35,000 UJ	5,300 J	1,400 UJ	1,400 UJ	46,000 J	2,800 UJ	35,000 UJ	35,000 UJ	1,400 UJ	7,100 UJ	35,000 UJ
S314	8/10/2000	15 - 30		SF0073	38,000 UJ	10,000 J	1,500 UJ	1,500 UJ	76,000 J	3,000 UJ	38,000 UJ	38,000 UJ	1,500 UJ	7,700 UJ	38,000 UJ
S314	7/19/2000	30 - 100	D1	VC0105	34,000 U	9,300	1,300 U	1,300 U	60,000	2,700 U	34,000 U	34,000 U	1,300 U	6,800 U	34,000 U
S314	7/19/2000	30 - 100	D2	VC0200	25,000 U	7,300	990 U	990 U	47,000	2,000 U	25,000 U	25,000 U	990 U	5,100 U	25,000 U
S314	7/19/2000	100 - 200		VC0106	1,600 U	180	60 U	60 U	83	120 U	1,600 U	1,600 U	60 U	310 U	1,600 U
S314	7/19/2000	200 - 300		VC0107	8,500 U	53,000	330 U	330 U	200,000	670 U	8,500 U	8,500 U	330 U	1,700 U	8,500 U
S314	7/19/2000	300 - 400		VC0108	1,700 U	1,200	65 U	65 U	3,400	130 U	1,700 U	1,700 U	65 U	330 U	1,700 U
S314	7/19/2000	400 - 500		VC0109	1,600 U	970	63 U	63 U	2,600	130 U	1,600 U	1,600 U	63 U	330 U	1,600 U
S314	7/19/2000	500 - 600		VC0110	4,800 U	1,800	190 U	190 U	1,100	380 U	4,800 U	4,800 U	190 U	960 U	4,800 U
S314	7/19/2000	600 - 700		VC0111	8,800 U	2,100	340 U	340 U	16,000	700 U	8,800 U	8,800 U	340 U	1,800 U	8,800 U
S314	7/19/2000	700 - 800		VC0112	1,700 U	55 J	64 U	64 U	39 J	130 U	1,700 U	1,700 U	64 U	330 U	1,700 U

Table B1-16. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	2-Methyl-4,6-dinitrophenol (µg/kg-dw)	2-Methyl-naphthalene (µg/kg-dw)	2-Methyl-phenol (µg/kg-dw)	4-Methyl-phenol (µg/kg-dw)	Naphthalene (µg/kg-dw)	2-Nitroaniline (µg/kg-dw)	3-Nitroaniline (µg/kg-dw)	4-Nitroaniline (µg/kg-dw)	Nitrobenzene (µg/kg-dw)	2-Nitro-phenol (µg/kg-dw)	4-Nitro-phenol (µg/kg-dw)
S315	8/11/2000	0 - 15		SF0074	3,300 UJ	130 U	130 UJ	130 UJ	260 U	260 U	3,300 U	3,300 U	130 U	670 UJ	3,300 UJ
S315	8/14/2000	15 - 30		SF0075	3,200 UJ	130 UJ	130 UJ	130 UJ	130 UJ	250 UJ	3,200 UJ	3,200 UJ	130 UJ	640 UJ	3,200 UJ
S315	7/19/2000	30 - 100		VC0113	2,400 U	99	92 U	92 U	68 J	190 U	2,400 U	2,400 U	92 U	470 U	2,400 U
S315	7/19/2000	100 - 200		VC0114	2,400 U	1,100	92 U	92 U	3,900	190 U	2,400 U	2,400 U	92 U	470 U	2,400 U
S315	7/19/2000	200 - 300		VC0115	2,000 U	2,400	77 U	77 U	10,000	160 U	2,000 U	2,000 U	77 U	400 U	2,000 U
S315	7/19/2000	300 - 400		VC0116	1,900 U	780	75 U	75 U	620	150 U	1,900 U	1,900 U	75 U	390 U	1,900 U
S315	7/19/2000	400 - 500		VC0117	1,800 U	2,400	68 U	68 U	2,900	140 U	1,800 U	1,800 U	68 U	350 U	1,800 U
S315	7/19/2000	500 - 600		VC0118	1,600 U	710	61 U	61 U	410	120 U	1,600 U	1,600 U	61 U	310 U	1,600 U
S315	7/19/2000	600 - 673		VC0119	1,500 U	46 J	58 U	58 U	100	120 U	1,500 U	1,500 U	58 U	300 U	1,500 U
S315	7/19/2000	673 - 767		VC0120	1,600 U	63 U	63 U	63 U	63 U	130 U	1,600 U	1,600 U	63 U	330 U	1,600 U
S316	8/10/2000	0 - 15		SF0076	2,200 UJ	130	86 UJ	86 UJ	260	170 U	2,200 UJ	2,200 U	86 U	440 UJ	2,200 UJ
S316	8/10/2000	15 - 30		SF0077	5,500 U	210 U	210 U	210 U	210 U	440 U	5,500 UJ	5,500 U	210 U	1,100 U	5,500 U
S316	7/15/2000	30 - 102		VC0121	2,400 UJ	350 J	94 UJ	94 UJ	200 J	190 UJ	2,400 UJ	2,400 UJ	94 UJ	480 UJ	2,400 UJ
S316	7/15/2000	102 - 201		VC0122	1,400 U	94	55 U	55 U	220	110 UJ	1,400 U	1,400 U	55 U	290 U	1,400 U
S316	7/15/2000	201 - 300		VC0123	1,500 UJ	59 UJ	59 UJ	59 UJ	59 UJ	120 UJ	1,500 UJ	1,500 UJ	59 UJ	310 UJ	1,500 UJ
S316	7/15/2000	300 - 400		VC0124	1,600 UJ	62 UJ	62 UJ	62 UJ	62 UJ	130 UJ	1,600 UJ	1,600 UJ	62 UJ	320 UJ	1,600 UJ
S316	7/15/2000	400 - 500		VC0125	1,700 U	66 U	66 U	66 U	66 U	130 UJ	1,700 U	1,700 U	66 U	340 U	1,700 U
S316	7/15/2000	500 - 600		VC0126	1,600 U	62 U	62 U	62 U	62 U	130 UJ	1,600 U	1,600 U	62 U	320 U	1,600 U
S316	7/15/2000	600 - 700		VC0127	1,500 UJ	60 UJ	60 UJ	60 UJ	60 UJ	120 UJ	1,500 UJ	1,500 UJ	60 UJ	310 UJ	1,500 UJ
S316	7/15/2000	700 - 800		VC0128	1,500 UJ	58 UJ	58 UJ	58 UJ	58 UJ	120 UJ	1,500 UJ	1,500 UJ	58 UJ	300 UJ	1,500 UJ
S317	8/11/2000	0 - 15		SF0078	2,200 U	150	86 U	86 U	490 U	180 U	2,200 U	2,200 U	86 U	450 U	2,200 U
S317	8/4/2000	15 - 30		SF0079	1,900 UJ	140	73 UJ	73 UJ	230	150 U	1,900 U	1,900 U	73 U	380 UJ	1,900 UJ
S317	7/15/2000	30 - 100		VC0129	2,000 U	550	76 U	76 U	160	150 UJ	2,000 U	2,000 U	76 U	390 U	2,000 U
S317	7/15/2000	100 - 200		VC0130	5,400 U	3,300	210 U	210 U	1,100	430 UJ	5,400 U	5,400 U	210 U	1,100 U	5,400 U
S317	7/15/2000	200 - 300		VC0131	4,700 U	6,100	180 U	180 U	3,300	370 UJ	4,700 U	4,700 U	180 U	940 U	4,700 U
S317	7/15/2000	300 - 400		VC0132	16,000 U	13,000	620 U	620 U	8,900	1,300 UJ	16,000 U	16,000 U	620 U	3,200 U	16,000 U
S317	7/15/2000	400 - 500		VC0133	1,500 UJ	120	58 UJ	58 UJ	160	120 UJ	1,500 U	1,500 U	58 U	300 UJ	1,500 UJ
S317	7/15/2000	500 - 600		VC0134	3,200 UJ	4,400 J	120 UJ	120 UJ	3,300 J	250 UJ	3,200 UJ	3,200 UJ	120 UJ	630 UJ	3,200 UJ
S317	7/15/2000	600 - 700		VC0135	1,500 UJ	58 UJ	58 UJ	58 UJ	58 UJ	120 UJ	1,500 UJ	1,500 UJ	58 UJ	300 UJ	1,500 UJ
S318	7/14/2000	0 - 15		VC0189	1,100 UJ	42 UJ	42 UJ	42 UJ	53 J	85 UJ	1,100 UJ	1,100 UJ	42 UJ	220 UJ	1,100 UJ
S318	7/14/2000	15 - 30		VC0190	1,100 U	47	42 U	42 U	120	85 U	1,100 U	1,100 U	42 U	220 U	1,100 U
S318	7/14/2000	30 - 100		VC0137	1,100 U	41 U	41 U	41 U	92	84 UJ	1,100 U	1,100 U	41 U	210 U	1,100 U
S318	7/14/2000	100 - 200		VC0138	1,300 UJ	52 UJ	52 UJ	52 UJ	53 J	110 UJ	1,300 UJ	1,300 UJ	52 UJ	270 UJ	1,300 UJ
S318	7/14/2000	200 - 300		VC0139	1,400 UJ	55 UJ	55 UJ	55 UJ	55 UJ	110 UJ	1,400 UJ	1,400 UJ	55 UJ	280 UJ	1,400 UJ
S318	7/14/2000	300 - 400		VC0140	1,500 U	57 U	57 U	57 U	57 U	120 UJ	1,500 U	1,500 U	57 U	290 U	1,500 U
S318	7/14/2000	400 - 500		VC0141	1,600 U	64 U	64 U	64 U	64 U	130 UJ	1,600 U	1,600 U	64 U	330 U	1,600 U
S318	7/14/2000	500 - 600		VC0142	1,600 UJ	63 UJ	63 UJ	63 UJ	63 UJ	130 UJ	1,600 UJ	1,600 UJ	63 UJ	320 UJ	1,600 UJ
S318	7/14/2000	600 - 700		VC0143	1,500 U	59 U	59 U	350	59 U	120 UJ	1,500 U	1,500 U	59 U	310 U	1,500 U
S318	7/14/2000	700 - 800		VC0144	1,500 U	57 U	57 U	1,800	57 U	120 UJ	1,500 U	1,500 U	57 U	290 U	1,500 U
S319	8/4/2000	0 - 15		SF0082	1,800 UJ	130 J	68 UJ	68 UJ	230 J	140 UJ	1,800 UJ	1,800 UJ	68 UJ	350 UJ	1,800 UJ
S319	8/4/2000	15 - 30		SF0083	1,700 U	160	66 U	66 U	190	130 U	1,700 U	1,700 U	66 U	340 U	1,700 U
S319	7/14/2000	30 - 100		VC0145	1,800 U	600	71 U	58 J	240	140 UJ	1,800 U	1,800 U	71 U	370 U	1,800 U
S319	7/14/2000	100 - 200		VC0146	17,000 U	33,000	650 U	650 U	25,000	1,300 UJ	17,000 U	17,000 U	650 U	3,300 U	17,000 U
S319	7/14/2000	200 - 300		VC0147	16,000 UJ	23,000	630 UJ	630 UJ	17,000	1,300 U	16,000 U	16,000 U	630 U	3,300 UJ	16,000 UJ
S319	7/14/2000	300 - 400		VC0148	16,000 U	8,300	630 U	630 U	3,600	1,300 UJ	16,000 U	16,000 U	630 U	3,200 U	16,000 U
S319	7/14/2000	400 - 500		VC0149	1,600 U	270	60 U	67	380	120 UJ	1,600 U	1,600 U	60 U	310 U	1,600 U
S319	7/14/2000	500 - 600		VC0150	1,600 U	91	61 U	61 U	75	120 U	1,600 U	1,600 U	61 U	310 U	1,600 U
S319	7/14/2000	600 - 700		VC0151	1,600 U	60 U	60 U	60 U	60 U	120 U	1,600 U	1,600 U	60 U	310 U	1,600 U
S319	7/14/2000	700 - 800		VC0152	1,500 U	59 U	59 U	70	59 U	120 U	1,500 U	1,500 U	59 U	300 U	1,500 U

Table B1-16. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	2-Methyl-4,6-dinitrophenol (µg/kg-dw)	2-Methyl-naphthalene (µg/kg-dw)	2-Methyl-phenol (µg/kg-dw)	4-Methyl-phenol (µg/kg-dw)	Naphthalene (µg/kg-dw)	2-Nitroaniline (µg/kg-dw)	3-Nitroaniline (µg/kg-dw)	4-Nitroaniline (µg/kg-dw)	Nitrobenzene (µg/kg-dw)	2-Nitro-phenol (µg/kg-dw)	4-Nitro-phenol (µg/kg-dw)
S320	8/13/2000	0 - 15		SF0084	2,500 U	96 U	96 U	96 U	96 U	200 U	2,500 U	2,500 U	96 U	500 U	2,500 U
S320	8/14/2000	15 - 30		SF0085	2,700 UJ	100 UJ	100 UJ	100 UJ	100 UJ	210 UJ	2,700 UJ	2,700 UJ	100 UJ	530 UJ	2,700 UJ
S320	7/13/2000	30 - 100		VC0153	4,600 U	270	180 U	180 U	130 J	360 U	4,600 U	4,600 U	180 U	920 U	4,600 UJ
S320	7/13/2000	100 - 200		VC0154	4,200 UJ	4,400 J	160 UJ	160 UJ	920 J	330 UJ	4,200 UJ	4,200 UJ	160 UJ	850 UJ	4,200 UJ
S320	7/13/2000	200 - 300		VC0155	1,800 U	62 J	71 U	71 U	220	140 U	1,800 U	1,800 U	71 U	370 U	1,800 UJ
S320	7/13/2000	300 - 400		VC0156	150,000 U	160,000	5,800 U	5,800 U	120,000	12,000 U	150,000 U	150,000 U	5,800 U	30,000 U	150,000 U
S320	7/13/2000	400 - 500		VC0157	1,600 UJ	320	62 UJ	62 UJ	720	130 U	1,600 U	1,600 U	62 U	320 UJ	1,600 UJ
S320	7/13/2000	500 - 600		VC0158	1,600 U	1,200	62 U	62 U	1,100	130 U	1,600 U	1,600 U	62 U	320 U	1,600 UJ
S320	7/13/2000	600 - 700		VC0159	1,600 U	62 U	62 U	62 U	62 U	130 U	1,600 U	1,600 U	62 U	320 U	1,600 UJ
S321	8/4/2000	0 - 15		SF0086	1,200 U	46 U	46 U	46 U	46 U	94 U	1,200 U	1,200 U	46 U	240 U	1,200 U
S321	8/4/2000	15 - 30		SF0087	3,400 U	130 U	130 U	130 U	130 U	270 U	3,400 U	3,400 U	130 U	690 U	3,400 U
S321	7/13/2000	30 - 100		VC0161	1,100 U	43 U	43 U	43 U	43 U	88 U	1,100 U	1,100 U	43 U	220 U	1,100 UJ
S321	7/13/2000	100 - 200		VC0162	1,300 U	49 U	49 U	49 U	49 U	99 U	1,300 U	1,300 U	49 U	250 U	1,300 U
S321	7/13/2000	200 - 300		VC0163	1,300 U	50 U	50 U	50 U	50 U	100 U	1,300 U	1,300 U	50 U	260 U	1,300 U
S321	7/13/2000	300 - 400		VC0164	1,300 U	50 U	50 U	50 U	50 U	100 U	1,300 U	1,300 U	50 U	260 U	1,300 U
S321	7/13/2000	400 - 500		VC0165	1,300 U	52 U	52 U	52 U	52 U	110 U	1,300 U	1,300 U	52 U	270 U	1,300 U
S321	7/13/2000	500 - 560		VC0166	1,400 U	54 U	54 U	54 U	54 U	110 U	1,400 U	1,400 U	54 U	280 U	1,400 U
S321	7/13/2000	560 - 600		VC0167B	1,400 U	55 U	55 U	55 U	55 U	110 U	1,400 U	1,400 U	55 U	280 U	1,400 U
S321	7/13/2000	600 - 700		VC0167	1,400 U	56 U	56 U	56 U	56 U	110 U	1,400 U	1,400 U	56 U	290 U	1,400 U
S321	7/13/2000	700 - 800		VC0168	1,400 U	56 U	56 U	1,800	56 U	110 U	1,400 U	1,400 U	56 U	290 U	1,400 U
S322	8/10/2000	0 - 15		SF0088	5,200 UJ	2,900 J	200 UJ	200 UJ	570 J	410 UJ	5,200 UJ	5,200 UJ	200 UJ	1,000 UJ	5,200 UJ
S322	8/10/2000	15 - 30		SF0089	17,000 UJ	9,700 J	650 UJ	650 UJ	910 J	1,300 UJ	17,000 UJ	17,000 UJ	650 UJ	3,400 UJ	17,000 UJ
S322	7/13/2000	30 - 100		VC0169	1,700 U	1,400	64 U	64 U	360	130 U	1,700 U	1,700 U	64 U	330 U	1,700 U
S322	7/13/2000	100 - 200		VC0170	1,300 UJ	1,300 J	52 UJ	52 UJ	750 J	110 UJ	1,300 UJ	1,300 UJ	52 UJ	270 UJ	1,300 UJ
S322	7/13/2000	200 - 300		VC0171	1,500 U	58 U	58 U	58 U	58 U	120 U	1,500 U	1,500 U	58 U	300 U	1,500 U
S322	7/13/2000	300 - 400		VC0172	1,400 U	56 U	56 U	61	56 U	110 U	1,400 U	1,400 U	56 U	290 U	1,400 U
S322	7/13/2000	400 - 500	D1	VC0173	1,400 U	54 U	54 U	900	54 U	110 U	1,400 U	1,400 U	54 U	280 U	1,400 U
S322	7/13/2000	400 - 500	D2	VC0185	1,400 UJ	54 UJ	54 UJ	180 J	54 UJ	110 UJ	1,400 UJ	1,400 UJ	54 UJ	280 UJ	1,400 UJ
S322	7/13/2000	500 - 600		VC0174	1,400 U	53 U	53 U	1,900	53 U	110 U	1,400 U	1,400 U	53 U	270 U	1,400 U
S322	7/13/2000	600 - 700		VC0175	1,300 U	52 U	52 U	4,700	52 U	110 U	1,300 U	1,300 U	52 U	270 U	1,300 U
S322	7/13/2000	700 - 800		VC0176	1,300 U	49 U	49 U	3,300	49 U	100 U	1,300 U	1,300 U	49 U	250 U	1,300 U
S323	8/13/2000	0 - 15		SF0090	1,600 U	61 U	61 U	61 U	61 U	120 U	1,600 U	1,600 U	61 U	310 U	1,600 U
S323	8/4/2000	15 - 30		SF0091	4,200 UJ	460	160 UJ	160 UJ	230	330 U	4,200 U	4,200 U	160 U	840 UJ	4,200 UJ
S323	7/12/2000	30 - 100		VC0177	4,100 U	960	160 U	160 U	640	330 U	4,100 U	4,100 U	160 U	830 U	4,100 U
S323	7/12/2000	100 - 200		VC0178	3,300 U	3,400	130 U	130 U	2,600	260 U	3,300 U	3,300 U	130 U	660 U	3,300 U
S323	7/12/2000	200 - 300		VC0179	3,400 U	1,400	130 U	130 U	650	270 U	3,400 U	3,400 U	130 U	680 U	3,400 U
S323	7/12/2000	300 - 400		VC0180	1,500 U	32 J	60 U	60 U	36 J	120 U	1,500 U	1,500 U	60 U	310 U	1,500 U
S323	7/12/2000	400 - 500		VC0181	1,500 U	59 U	59 U	59 U	59 U	120 U	1,500 U	1,500 U	59 U	300 U	1,500 U
S323	7/12/2000	500 - 600		VC0182	1,400 U	54 U	54 U	54 U	54 U	110 U	1,400 U	1,400 U	54 U	280 U	1,400 U
S323	7/12/2000	600 - 700		VC0183	1,400 U	53 U	53 U	260	53 U	110 U	1,400 U	1,400 U	53 U	270 U	1,400 U
S323	7/12/2000	700 - 800		VC0184	1,300 U	52 U	52 U	130	52 U	110 U	1,300 U	1,300 U	52 U	270 U	1,300 U

Table B1-16. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	N-nitroso-dimethylamine (µg/kg-dw)	N-nitroso-di-n-propylamine (µg/kg-dw)	N-nitroso-diphenylamine (µg/kg-dw)	2,2'-Oxybis(1-chloropropane) (µg/kg-dw)	Pentachloro-phenol (µg/kg-dw)	Phenan-threne (µg/kg-dw)	Phenol (µg/kg-dw)	Pyrene (µg/kg-dw)	1,2,4-Trichloro-benzene (µg/kg-dw)	2,4,5-Trichloro-phenol (µg/kg-dw)	2,4,6-Trichloro-phenol (µg/kg-dw)
S301	7/22/2000	0 - 15		VC0215	320 UJ	62 UJ	62 UJ	62 UJ	1,600 UJ	62 UJ	62 UJ	70 J	62 UJ	320 UJ	320 UJ
S301	7/22/2000	15 - 30		VC0024	340 UJ	66 U	66 U	66 U	1,700 U	76 J	66 U	140 J	66 UJ	340 U	340 U
S301	7/22/2000	30 - 56		VC0001	370 UJ	73 UJ	73 UJ	73 UJ	1,900 UJ	73 UJ	73 UJ	73 UJ	73 UJ	370 UJ	370 UJ
S301	7/22/2000	56 - 156	D1	VC0002	300 U	59 U	59 U	59 U	1,500 U	67	59 U	110	59 U	300 U	300 U
S301	7/22/2000	56 - 156	D2	VC0195	310 UJ	60 U	60 U	60 U	1,500 U	70 J	60 U	97 J	60 UJ	310 U	310 U
S301	7/22/2000	156 - 256		VC0003	330 UJ	65 UJ	65 UJ	65 UJ	1,700 UJ	120 J	65 UJ	170 J	65 UJ	330 UJ	330 UJ
S301	7/22/2000	256 - 356		VC0004	330 UJ	64 UJ	64 UJ	64 UJ	1,700 UJ	85 J	64 UJ	120 J	64 UJ	330 UJ	330 UJ
S301	7/22/2000	356 - 437		VC0005	340 UJ	66 UJ	66 UJ	66 UJ	1,700 UJ	240 J	66 UJ	630 J	66 UJ	340 UJ	340 UJ
S301	7/22/2000	437 - 537		VC0006	300 UJ	58 UJ	58 UJ	58 UJ	1,500 UJ	58 UJ	58 UJ	58 UJ	58 UJ	300 UJ	300 UJ
S301	7/22/2000	537 - 637		VC0007	270 UJ	52 UJ	52 UJ	52 UJ	1,400 UJ	52 UJ	52 UJ	52 UJ	52 UJ	270 UJ	270 UJ
S301	7/22/2000	637 - 730		VC0008	230 UJ	46 UJ	46 UJ	46 UJ	1,200 UJ	46 UJ	46 UJ	46 UJ	46 UJ	230 UJ	230 UJ
S302	8/12/2000	0 - 15		SF0048	400 U	77 U	77 U	77 U	2,000 U	180	77 U	410	77 U	400 U	400 U
S302	8/14/2000	15 - 30		SF0049	340 UJ	65 UJ	65 UJ	65 UJ	1,700 UJ	65 UJ	65 UJ	200 J	65 UJ	340 UJ	340 UJ
S302	7/22/2000	30 - 59		VC0009	330 UJ	64 UJ	64 UJ	64 UJ	1,700 UJ	64 UJ	64 UJ	64 UJ	64 UJ	330 UJ	330 UJ
S302	7/22/2000	59 - 159		VC0010	310 UJ	60 UJ	60 UJ	60 UJ	1,500 UJ	110 J	60 UJ	220 J	60 UJ	310 UJ	310 UJ
S302	7/22/2000	159 - 259		VC0011	330 U	64 U	64 U	64 U	1,600 U	87	64 U	130	64 U	330 U	330 U
S302	7/22/2000	259 - 359		VC0012	350 UJ	67 UJ	67 UJ	67 UJ	1,700 UJ	180 J	67 UJ	250 J	67 UJ	350 UJ	350 UJ
S302	7/22/2000	359 - 459		VC0013	340 U	66 U	66 U	66 U	1,700 U	94	66 U	110	66 U	340 U	340 U
S302	7/22/2000	459 - 559		VC0014	330 U	64 U	64 U	64 U	1,700 U	140	64 U	290	64 U	330 U	330 U
S302	7/22/2000	559 - 659		VC0015	330 U	64 U	64 U	64 U	1,700 U	64 U	64 U	64 U	64 U	330 U	330 U
S302	7/22/2000	659 - 761		VC0016	300 UJ	59 UJ	59 UJ	59 UJ	1,500 UJ	59 UJ	59 UJ	59 UJ	59 UJ	300 UJ	300 UJ
S303	8/12/2000	0 - 15		SF0038	570 U	110 U	110 U	110 U	2,900 UJ	160	110 UJ	340	110 U	570 UJ	570 UJ
S303	7/22/2000	15 - 30		VC0214	410 UJ	80 U	80 U	80 U	2,000 U	80 U	80 U	110 J	80 UJ	410 U	410 U
S303	7/22/2000	30 - 100		VC0017	420 UJ	81 UJ	81 UJ	81 UJ	2,100 UJ	520 J	81 UJ	1,000 J	81 UJ	420 UJ	420 UJ
S303	7/22/2000	100 - 200		VC0018	370 U	72 U	72 U	72 U	1,900 U	79	72 U	190	72 U	370 U	370 U
S303	7/22/2000	200 - 300		VC0019	380 UJ	74 UJ	74 UJ	74 UJ	1,900 UJ	74 UJ	74 UJ	74 UJ	74 UJ	380 UJ	380 UJ
S303	7/22/2000	300 - 400	D1	VC0020	340 UJ	66 UJ	66 UJ	66 UJ	1,700 UJ	66 UJ	66 UJ	66 UJ	66 UJ	340 UJ	340 UJ
S303	7/22/2000	300 - 400	D2	VC0198	340 UJ	66 UJ	66 UJ	66 UJ	1,700 UJ	66 UJ	66 UJ	66 UJ	66 UJ	340 UJ	340 UJ
S303	7/22/2000	400 - 500		VC0021	310 UJ	60 UJ	60 UJ	60 UJ	1,600 UJ	60 UJ	60 UJ	60 UJ	60 UJ	310 UJ	310 UJ
S303	7/22/2000	500 - 600		VC0022	290 UJ	56 UJ	56 UJ	56 UJ	1,400 UJ	56 UJ	56 UJ	56 UJ	56 UJ	290 UJ	290 UJ
S303	7/22/2000	600 - 618		VC0023	260 UJ	51 U	51 U	51 U	1,300 U	51 U	51 U	51 U	51 UJ	260 U	260 U
S304	8/9/2000	0 - 15		SF0052	280 U	54 U	54 U	54 U	1,400 U	160 J	54 U	290 J	54 U	280 U	280 U
S304	8/9/2000	15 - 30		SF0053	250 U	48 U	48 U	48 U	1,200 U	330 J	48 U	420 J	48 U	250 U	250 U
S304	7/21/2000	30 - 100		VC0025	290 U	56 U	56 U	56 U	1,400 U	56 U	56 U	130	56 U	290 U	290 U
S304	7/21/2000	100 - 200		VC0026	310 UJ	60 UJ	60 UJ	60 UJ	1,600 UJ	60 UJ	60 UJ	71 J	60 UJ	310 UJ	310 UJ
S304	7/21/2000	200 - 300	D1	VC0027	330 UJ	64 UJ	64 UJ	64 UJ	1,600 UJ	64 UJ	64 UJ	83 J	64 UJ	330 UJ	330 UJ
S304	7/21/2000	200 - 300	D2	VC0201	330 UJ	64 UJ	64 UJ	64 UJ	1,700 UJ	260 J	64 UJ	290 J	64 UJ	330 UJ	330 UJ
S304	7/21/2000	300 - 400		VC0028	330 UJ	63 UJ	63 UJ	63 UJ	1,600 UJ	140 J	63 UJ	180 J	63 UJ	330 UJ	330 UJ
S304	7/21/2000	400 - 500		VC0029	320 UJ	62 UJ	62 UJ	62 UJ	1,600 UJ	120 J	62 UJ	250 J	62 UJ	320 UJ	320 UJ
S304	7/21/2000	500 - 600		VC0030	670 U	130 U	130 U	130 U	3,300 U	380	130 U	500	130 U	670 U	670 U
S304	7/21/2000	600 - 700		VC0031	600 U	120 U	120 U	120 U	3,000 U	290	120 U	360	120 U	600 U	600 U
S304	7/21/2000	700 - 727		VC0032	320 U	62 U	62 U	62 U	1,600 U	240	62 U	280	62 U	320 U	320 U
S305	8/12/2000	0 - 15		SF0054	370 U	72 U	72 U	72 U	1,800 U	72 U	72 U	72 U	72 U	370 U	370 U
S305	8/4/2000	15 - 30		SF0055	360 UJ	69 UJ	69 UJ	69 UJ	1,800 UJ	130 J	69 UJ	320 J	69 UJ	360 UJ	360 UJ
S305	7/21/2000	30 - 100		VC0033	290 U	56 U	56 U	56 U	1,400 UJ	60	56 UJ	110	56 U	290 UJ	290 UJ
S305	7/21/2000	100 - 200		VC0034	290 U	56 U	56 U	56 U	1,500 UJ	120	56 UJ	190	56 U	290 UJ	290 UJ
S305	7/21/2000	200 - 300		VC0035	300 UJ	59 UJ	59 UJ	59 UJ	1,500 UJ	100 J	59 UJ	150 J	59 UJ	300 UJ	300 UJ
S305	7/21/2000	300 - 400		VC0036	310 U	60 U	60 U	60 U	1,500 UJ	210	60 UJ	250	60 U	310 UJ	310 UJ
S305	7/21/2000	400 - 500		VC0037	320 UJ	61 UJ	61 UJ	61 UJ	1,600 UJ	170 J	61 UJ	240 J	61 UJ	320 UJ	320 UJ

Table B1-16. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	N-nitroso-dimethylamine (µg/kg-dw)	N-nitroso-di-n-propylamine (µg/kg-dw)	N-nitroso-diphenylamine (µg/kg-dw)	2,2'-Oxybis(1-chloropropane) (µg/kg-dw)	Pentachlorophenol (µg/kg-dw)	Phenanthrene (µg/kg-dw)	Phenol (µg/kg-dw)	Pyrene (µg/kg-dw)	1,2,4-Trichlorobenzene (µg/kg-dw)	2,4,5-Trichlorophenol (µg/kg-dw)	2,4,6-Trichlorophenol (µg/kg-dw)
S305	7/21/2000	500 - 600		VC0038	340 U	66 U	66 U	66 U	1,700 UJ	140	66 UJ	220	66 UJ	340 UJ	340 UJ
S305	7/21/2000	600 - 635		VC0211	330 UJ	64 UJ	64 UJ	64 UJ	1,700 UJ	290 J	64 UJ	370 J	64 UJ	330 UJ	330 UJ
S305	7/21/2000	635 - 692		VC0039	360 U	70 U	70 U	70 U	1,800 U	160	70 U	330	70 U	360 U	360 U
S305	7/21/2000	692 - 737		VC0040	290 U	56 U	56 U	56 U	1,400 U	56 U	56 U	73	56 U	290 U	290 U
S306	7/21/2000	0 - 15		VC0212	270 UJ	52 UJ	52 UJ	52 UJ	1,300 UJ	52 UJ	52 UJ	52 UJ	52 UJ	270 UJ	270 UJ
S306	7/21/2000	15 - 30		VC0213	310 UJ	59 UJ	59 UJ	59 UJ	1,500 UJ	59 UJ	59 UJ	59 UJ	59 UJ	310 UJ	310 UJ
S306	7/21/2000	30 - 100		VC0041	300 U	58 U	58 U	58 U	1,500 U	58 U	58 U	58 U	58 U	300 U	300 U
S306	7/21/2000	100 - 200		VC0042	310 U	60 U	60 U	60 U	1,500 U	60 U	60 U	60 U	60 U	310 U	310 U
S306	7/21/2000	200 - 300		VC0043	320 UJ	62 UJ	62 UJ	62 UJ	1,600 UJ	62 UJ	62 UJ	62 UJ	62 UJ	320 UJ	320 UJ
S306	7/21/2000	300 - 400		VC0044	320 UJ	63 UJ	63 UJ	63 UJ	1,600 UJ	63 UJ	63 UJ	63 UJ	63 UJ	320 UJ	320 UJ
S306	7/21/2000	400 - 500		VC0045	320 UJ	62 UJ	62 UJ	62 UJ	1,600 UJ	62 UJ	62 UJ	62 UJ	62 UJ	320 UJ	320 UJ
S306	7/21/2000	500 - 600	D1	VC0046	310 UJ	61 UJ	61 UJ	61 UJ	1,600 UJ	61 UJ	61 UJ	61 UJ	61 UJ	310 UJ	310 UJ
S306	7/21/2000	500 - 600	D2	VC0199	310 UJ	61 UJ	61 UJ	61 UJ	1,600 UJ	61 UJ	61 UJ	61 UJ	61 UJ	310 UJ	310 UJ
S306	7/21/2000	600 - 700		VC0047	290 UJ	56 UJ	56 UJ	56 UJ	1,500 UJ	56 UJ	56 UJ	56 UJ	56 UJ	290 UJ	290 UJ
S306	7/21/2000	700 - 732		VC0048	270 UJ	52 UJ	52 UJ	52 UJ	1,300 UJ	52 UJ	52 UJ	52 UJ	52 UJ	270 UJ	270 UJ
S307	7/18/2000	0 - 15		VC0196	280 U	55 U	55 U	55 UJ	1,400 U	1,800	55 U	3,200	55 U	280 U	280 U
S307	7/18/2000	15 - 30		VC0197	270 U	52 U	52 U	52 UJ	1,300 U	310	52 U	490	52 U	270 U	270 U
S307	7/18/2000	30 - 100		VC0049	290 U	57 U	57 U	57 U	1,500 U	57 U	57 U	57 U	57 U	290 U	290 U
S307	7/18/2000	100 - 200		VC0050	300 U	57 U	57 U	57 U	1,500 U	57 U	57 U	57 U	57 U	300 U	300 U
S307	7/18/2000	200 - 300		VC0051	290 U	56 U	56 U	56 U	1,400 U	56 U	56 U	56 U	56 U	290 U	290 U
S307	7/18/2000	300 - 400		VC0052	300 U	57 U	57 U	57 U	1,500 U	57 U	57 U	57 U	57 U	300 U	300 U
S307	7/18/2000	400 - 500		VC0053	210 U	41 U	41 U	41 U	1,100 U	41 U	41 U	41 U	41 U	210 U	210 U
S307	7/18/2000	500 - 600		VC0054	200 U	40 U	40 U	40 U	1,000 U	40 U	40 U	40 U	40 U	200 U	200 U
S308	8/10/2000	0 - 15		SF0060	490 UJ	96 UJ	96 UJ	96 UJ	2,500 UJ	130 J	96 UJ	300 J	96 UJ	490 UJ	490 UJ
S308	8/10/2000	15 - 30		SF0061	440 U	86 U	86 U	86 U	2,200 UJ	200	86 UJ	400	86 U	440 UJ	440 UJ
S308	7/18/2000	30 - 100	D1	VC0057	530 U	100 U	100 U	100 UJ	2,600 U	1,800	100 U	2,100	100 U	530 U	530 U
S308	7/18/2000	30 - 100	D2	VC0191	530 U	100 U	100 U	100 UJ	2,700 U	1,700	100 U	2,000	100 U	530 U	530 U
S308	7/18/2000	100 - 200		VC0058	420 U	82 U	82 U	82 U	2,100 U	7,800	82 U	5,700	82 U	420 U	420 U
S308	7/18/2000	200 - 259		VC0059	380 U	73 U	73 U	73 U	1,900 U	3,400	73 U	3,800	73 U	380 U	380 U
S308	7/18/2000	259 - 359		VC0060	310 UJ	60 UJ	60 UJ	60 UJ	1,600 UJ	60 UJ	60 UJ	60 UJ	60 UJ	310 UJ	310 UJ
S308	7/18/2000	359 - 459		VC0061	290 U	57 U	57 U	57 UJ	1,500 U	57 U	57 U	57 U	57 U	290 U	290 U
S308	7/18/2000	459 - 559		VC0062	280 U	55 U	55 U	55 UJ	1,400 U	55 U	55 U	55 U	55 U	280 U	280 U
S308	7/18/2000	559 - 593		VC0063	280 UJ	54 UJ	54 UJ	54 UJ	1,400 UJ	54 UJ	54 UJ	54 UJ	54 UJ	280 UJ	280 UJ
S309	8/14/2000	0 - 15		SF0062	8,100 U	1,600 U	1,600 U	1,600 U	40,000 U	5,500	1,600 U	3,900	1,600 U	8,100 U	8,100 U
S309	8/14/2000	15 - 30		SF0063	20,000 U	3,800 U	3,800 U	3,800 U	100,000 U	6,300	3,800 U	3,800 U	4,700	20,000 U	20,000 U
S309	7/20/2000	30 - 74		VC0087	11,000 U	2,200 U	2,200 U	2,200 U	57,000 U	4,400	5,800	1,900	5,300	11,000 U	11,000 U
S309	7/20/2000	74 - 174		VC0065	1,700 U	340 U	340 U	340 U	8,700 U	2,800	2,300	1,200	340 U	1,700 U	1,700 U
S309	7/20/2000	174 - 274	D1	VC0066	10,000 U	1,900 U	1,900 U	1,900 U	50,000 U	23,000	5,800	7,200	1,900 U	10,000 U	10,000 U
S309	7/20/2000	174 - 274	D2	VC0192	10,000 U	2,000 U	2,000 U	2,000 U	51,000 U	16,000	4,100	4,000	2,000 U	10,000 U	10,000 U
S309	7/20/2000	274 - 374		VC0067	5,400 U	1,100 U	1,100 U	1,100 U	27,000 U	33,000	3,800	7,900	1,100 U	5,400 U	5,400 U
S309	7/20/2000	374 - 474		VC0068	5,400 U	1,100 U	1,100 U	1,100 U	27,000 U	21,000	6,200	5,900	1,100 U	5,400 U	5,400 U
S309	7/20/2000	474 - 578		VC0069	2,600 U	500 U	500 U	500 U	13,000 U	7,700	3,500	3,000	500 U	2,600 U	2,600 U
S309	7/20/2000	578 - 627		VC0070	9,200 U	1,800 U	1,800 U	1,800 U	46,000 U	160,000	3,100	34,000	1,800 U	9,200 U	9,200 U
S309	7/20/2000	627 - 674		VC0071	1,200 U	230 U	230 U	230 U	5,800 U	3,900	2,600	1,200	230 U	1,200 U	1,200 U
S309	7/20/2000	674 - 696		VC0072	1,400 U	280 U	280 U	280 U	7,100 U	9,400	2,100	2,600	280 U	1,400 U	1,400 U
S309	7/20/2000	696 - 730		VC0209	440 U	85 U	85 U	85 U	2,200 U	4,300	2,200	3,000	85 U	440 U	440 U
S309	7/20/2000	730 - 789		VC0210	520 U	100 U	100 U	100 U	2,600 U	2,200	1,900	1,400	100 U	520 U	520 U
S310	8/14/2000	0 - 15		SF0064	980 U	190 U	190 U	190 U	4,900 U	190 U	190 U	560	190 U	980 U	980 U
S310	8/14/2000	15 - 30		SF0065	870 UJ	170 UJ	170 UJ	170 UJ	4,300 UJ	490 J	170 UJ	540 J	170 UJ	870 UJ	870 UJ

Table B1-16. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	N-nitroso-dimethylamine (µg/kg-dw)	N-nitroso-di-n-propylamine (µg/kg-dw)	N-nitroso-diphenylamine (µg/kg-dw)	2,2'-Oxybis(1-chloropropane) (µg/kg-dw)	Pentachlorophenol (µg/kg-dw)	Phenanthrene (µg/kg-dw)	Phenol (µg/kg-dw)	Pyrene (µg/kg-dw)	1,2,4-Trichlorobenzene (µg/kg-dw)	2,4,5-Trichlorophenol (µg/kg-dw)	2,4,6-Trichlorophenol (µg/kg-dw)
S310	7/20/2000	30 - 100		VC0073	4,000 U	780 U	780 U	780 U	20,000 U	1,900	4,000	1,700	6,100	4,000 U	4,000 U
S310	7/20/2000	100 - 200		VC0074	10,000 U	2,000 U	2,000 U	2,000 U	52,000 U	1,800	16,000	2,000 U	2,000 U	10,000 U	10,000 U
S310	7/20/2000	200 - 300		VC0075	19,000 U	3,700 U	3,700 U	3,700 U	95,000 UJ	3,700 U	5,500 J	3,700 U	3,700 U	19,000 UJ	19,000 UJ
S310	7/20/2000	300 - 400	D1	VC0076	4,400 U	850 U	850 U	850 U	22,000 U	2,400	6,600	1,400	850 U	4,400 U	4,400 U
S310	7/20/2000	300 - 400	D2	VC0186	13,000 U	2,500 U	2,500 U	2,500 U	65,000 U	1,800	7,100	2,500 U	2,500 U	13,000 U	13,000 U
S310	7/20/2000	400 - 500		VC0077	4,700 U	920 U	920 U	920 U	24,000 U	1,300	10,000	920 U	920 U	4,700 U	4,700 U
S310	7/20/2000	500 - 600		VC0078	1,600 U	310 U	310 U	310 U	8,000 U	400	8,600	370	310 U	1,600 U	1,600 U
S310	7/20/2000	600 - 653		VC0079	3,700 U	730 U	730 U	730 U	19,000 U	890	9,100	530	730 U	3,700 U	3,700 U
S310	7/20/2000	653 - 724		VC0080	10,000 U	1,900 U	1,900 U	1,900 U	50,000 U	2,400	5,800	1,900 U	1,900 U	10,000 U	10,000 U
S311	7/20/2000	0 - 15		VC0207	1,800 U	350 U	350 U	350 U	8,900 U	1,600	2,200	430	350 U	1,800 U	1,800 U
S311	7/20/2000	15 - 30		VC0208	3,200 U	620 U	620 U	620 U	16,000 U	3,700	3,700	2,600	620 U	3,200 U	3,200 U
S311	7/20/2000	30 - 100		VC0081	2,300 UJ	440 U	440 U	440 U	11,000 U	1,700	3,200	780 J	440 U	2,300 U	2,300 U
S311	7/20/2000	100 - 200		VC0082	550 U	110 U	110 U	110 U	2,800 U	960	1,200	820	110 U	550 U	550 U
S311	7/20/2000	200 - 300		VC0083	510 U	99 U	99 U	99 U	2,500 U	200	600	140	99 U	510 U	510 U
S311	7/20/2000	300 - 400		VC0084	540 U	110 U	110 U	110 U	2,700 U	80	360	57	110 U	540 U	540 U
S311	7/20/2000	400 - 500		VC0085	560 U	110 U	110 U	110 U	2,800 U	120	890	120	110 U	560 U	560 U
S311	7/20/2000	500 - 600		VC0086	650 U	130 U	130 U	130 U	3,200 U	150	1,500	170	130 U	650 U	650 U
S312	8/14/2000	0 - 15		SF0068	18,000 U	3,400 U	3,400 U	3,400 U	89,000 U	3,400 U	3,400 U	3,400 U	5,400	18,000 U	18,000 U
S312	8/14/2000	15 - 30		SF0069	32,000 U	6,100 U	6,100 U	6,100 U	160,000 U	6,100 U	6,100 U	6,100 U	19,000	32,000 U	32,000 U
S312	7/20/2000	30 - 100		VC0089	16,000 U	3,100 U	3,100 U	3,100 U	80,000 U	2,100	2,300	3,100 U	2,500	16,000 U	16,000 U
S312	7/20/2000	100 - 200		VC0090	15,000 U	2,900 U	2,900 U	2,900 U	75,000 U	1,500	3,200	2,900 U	3,500	15,000 U	15,000 U
S312	7/20/2000	200 - 300	D1	VC0091	9,500 U	1,800 U	1,800 U	1,800 U	48,000 U	1,300	4,600	1,800 U	7,000	9,500 U	9,500 U
S312	7/20/2000	200 - 300	D2	VC0193	14,000 U	2,800 U	2,800 U	2,800 U	72,000 U	1,700	6,600	2,800 U	9,700	14,000 U	14,000 U
S312	7/20/2000	300 - 400		VC0092	2,400 U	460 U	460 U	460 U	12,000 U	580	2,400	460 U	300	2,400 U	2,400 U
S312	7/20/2000	400 - 500		VC0093	3,800 U	740 U	740 U	740 U	19,000 U	570	1,600	740 U	740 U	3,800 U	3,800 U
S312	7/20/2000	500 - 600		VC0094	4,100 U	790 U	790 U	790 U	20,000 U	2,200	1,800	1,200	790 U	4,100 U	4,100 U
S312	7/20/2000	600 - 700		VC0095	4,500 U	870 U	870 U	870 U	22,000 U	900	940	610	870 U	4,500 U	4,500 U
S313	7/18/2000	0 - 15		VC0187	59,000 U	11,000 U	11,000 U	11,000 U	300,000 U	380,000	11,000 U	150,000	11,000 U	59,000 U	59,000 U
S313	7/18/2000	15 - 30		VC0188	2,100 U	400 U	400 U	400 UJ	10,000 UJ	28,000	400 UJ	25,000	1,600	2,100 UJ	2,100 UJ
S313	7/18/2000	30 - 100	D1	VC0097	6,200 U	1,200 U	1,200 U	1,200 U	31,000 U	15,000	1,200 U	7,300	1,200 U	6,200 U	6,200 U
S313	7/18/2000	30 - 100	D2	VC0194	320 U	63 U	63 U	63 UJ	1,600 U	12,000	63 U	6,400	63 U	320 U	320 U
S313	7/18/2000	100 - 200		VC0098	3,100 UJ	610 UJ	610 UJ	610 UJ	16,000 UJ	42,000 J	610 UJ	22,000 J	610 UJ	3,100 UJ	3,100 UJ
S313	7/18/2000	200 - 300		VC0099	1,600 U	320 U	320 U	320 UJ	8,100 U	9,400	320 U	7,400	320 U	1,600 U	1,600 U
S313	7/18/2000	300 - 400		VC0100	560 UJ	110 UJ	110 UJ	110 UJ	2,800 UJ	5,100 J	110 UJ	5,600 J	110 UJ	560 UJ	560 UJ
S313	7/18/2000	400 - 500		VC0101	1,500 U	300 U	300 U	300 U	7,700 U	60,000	300 U	25,000	440	1,500 U	1,500 U
S313	7/18/2000	500 - 600		VC0102	310 U	60 U	60 U	60 UJ	1,600 U	480	60 U	490	60 U	310 U	310 U
S313	7/18/2000	600 - 700		VC0103	340 U	66 U	66 U	66 UJ	1,700 U	66 U	66 U	66 U	66 U	340 U	340 U
S313	7/18/2000	700 - 800		VC0104	320 U	62 U	62 U	62 UJ	1,600 U	390	62 U	180	62 U	320 U	320 U
S314	8/10/2000	0 - 15		SF0072	7,100 UJ	1,400 UJ	1,400 UJ	1,400 UJ	35,000 UJ	9,600 J	1,400 UJ	1,400 UJ	1,400 UJ	7,100 UJ	7,100 UJ
S314	8/10/2000	15 - 30		SF0073	7,700 UJ	1,500 UJ	1,500 UJ	1,500 UJ	38,000 UJ	5,500 J	1,500 UJ	1,500 UJ	2,800 J	7,700 UJ	7,700 UJ
S314	7/19/2000	30 - 100	D1	VC0105	6,800 U	1,300 U	1,300 U	1,300 U	34,000 U	3,400	1,300 U	2,700	11,000	6,800 U	6,800 U
S314	7/19/2000	30 - 100	D2	VC0200	5,100 U	990 U	990 U	990 U	25,000 U	2,500	990 U	990 U	8,700	5,100 U	5,100 U
S314	7/19/2000	100 - 200		VC0106	310 U	60 U	60 U	60 U	1,600 U	1,300	60 U	1,700	60 U	310 U	310 U
S314	7/19/2000	200 - 300		VC0107	1,700 U	330 U	330 U	330 U	8,500 U	130,000	330 U	37,000	360	1,700 U	1,700 U
S314	7/19/2000	300 - 400		VC0108	330 U	65 U	65 U	65 U	1,700 U	2,600	65 U	2,400	65 U	330 U	330 U
S314	7/19/2000	400 - 500		VC0109	330 U	63 U	63 U	63 U	1,600 U	2,200	63 U	1,700	63 U	330 U	330 U
S314	7/19/2000	500 - 600		VC0110	960 U	190 U	190 U	190 U	4,800 U	11,000	190 U	9,500	190 U	960 U	960 U
S314	7/19/2000	600 - 700		VC0111	1,800 U	340 U	340 U	340 U	8,800 U	2,000	340 U	1,400	950	1,800 U	1,800 U
S314	7/19/2000	700 - 800		VC0112	330 U	64 U	64 U	64 U	1,700 U	490	64 U	760	64 U	330 U	330 U

Table B1-16. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	N-nitroso-dimethylamine (µg/kg-dw)	N-nitroso-di-n-propylamine (µg/kg-dw)	N-nitroso-diphenylamine (µg/kg-dw)	2,2'-Oxybis(1-chloropropane) (µg/kg-dw)	Pentachlorophenol (µg/kg-dw)	Phenanthrene (µg/kg-dw)	Phenol (µg/kg-dw)	Pyrene (µg/kg-dw)	1,2,4-Trichlorobenzene (µg/kg-dw)	2,4,5-Trichlorophenol (µg/kg-dw)	2,4,6-Trichlorophenol (µg/kg-dw)
S315	8/11/2000	0 - 15		SF0074	670 U	130 U	130 U	130 U	3,300 UJ	490	130 UJ	910	130 U	670 UJ	670 UJ
S315	8/14/2000	15 - 30		SF0075	640 UJ	130 UJ	130 UJ	130 UJ	3,200 UJ	130 UJ	130 UJ	210 J	130 UJ	640 UJ	640 UJ
S315	7/19/2000	30 - 100		VC0113	470 U	92 U	92 U	92 U	2,400 U	450	92 U	730	92 U	470 U	470 U
S315	7/19/2000	100 - 200		VC0114	470 U	92 U	92 U	92 U	2,400 U	3,200	92 U	2,900	210	470 U	470 U
S315	7/19/2000	200 - 300		VC0115	400 U	77 U	77 U	77 U	2,000 U	2,900	77 U	2,500	77 U	400 U	400 U
S315	7/19/2000	300 - 400		VC0116	390 U	75 U	75 U	75 U	1,900 U	2,300	75 U	2,200	75 U	390 U	390 U
S315	7/19/2000	400 - 500		VC0117	350 U	68 U	68 U	68 U	1,800 U	5,500	68 U	3,500	68 U	350 U	350 U
S315	7/19/2000	500 - 600		VC0118	310 U	61 U	61 U	61 U	1,600 U	2,200	61 U	1,800	61 U	310 U	310 U
S315	7/19/2000	600 - 673		VC0119	300 U	58 U	58 U	58 U	1,500 U	580	58 U	1,000	58 U	300 U	300 U
S315	7/19/2000	673 - 767		VC0120	330 U	63 U	63 U	63 U	1,600 U	63 U	63 U	63 U	63 U	330 U	330 U
S316	8/10/2000	0 - 15		SF0076	440 U	86 U	86 U	86 U	2,200 UJ	1,500	86 UJ	3,200	86 U	440 UJ	440 UJ
S316	8/10/2000	15 - 30		SF0077	1,100 U	210 U	210 U	210 U	5,500 U	8,000	210 U	6,300	210 U	1,100 U	1,100 U
S316	7/15/2000	30 - 102		VC0121	480 UJ	94 UJ	94 UJ	94 UJ	2,400 UJ	4,500 J	94 UJ	5,100 J	94 UJ	480 UJ	480 UJ
S316	7/15/2000	102 - 201		VC0122	290 U	55 U	55 U	55 U	1,400 U	410	55 U	360	55 U	290 U	290 U
S316	7/15/2000	201 - 300		VC0123	310 UJ	59 UJ	59 UJ	59 UJ	1,500 UJ	59 UJ	59 UJ	59 UJ	59 UJ	310 UJ	310 UJ
S316	7/15/2000	300 - 400		VC0124	320 UJ	62 UJ	62 UJ	62 UJ	1,600 UJ	62 UJ	62 UJ	62 UJ	62 UJ	320 UJ	320 UJ
S316	7/15/2000	400 - 500		VC0125	340 U	66 U	66 U	66 U	1,700 U	66 U	66 U	66 U	66 U	340 U	340 U
S316	7/15/2000	500 - 600		VC0126	320 U	62 U	62 U	62 U	1,600 U	62 U	62 U	62 U	62 U	320 U	320 U
S316	7/15/2000	600 - 700		VC0127	310 UJ	60 UJ	60 UJ	60 UJ	1,500 UJ	60 UJ	60 UJ	60 UJ	60 UJ	310 UJ	310 UJ
S316	7/15/2000	700 - 800		VC0128	300 UJ	58 UJ	58 UJ	58 UJ	1,500 UJ	58 UJ	58 UJ	58 UJ	58 UJ	300 UJ	300 UJ
S317	8/11/2000	0 - 15		SF0078	450 U	86 U	86 U	86 UJ	2,200 U	1,100	86 U	2,600	86 U	450 U	450 U
S317	8/4/2000	15 - 30		SF0079	380 U	73 U	73 U	73 U	1,900 UJ	940	73 UJ	1,700	73 UJ	380 UJ	380 UJ
S317	7/15/2000	30 - 100		VC0129	390 U	76 U	76 U	76 U	2,000 U	2,200	76 U	2,600	180	390 U	390 U
S317	7/15/2000	100 - 200		VC0130	1,100 U	210 U	210 U	210 U	5,400 U	7,400	210 U	8,100	210 U	1,100 U	1,100 U
S317	7/15/2000	200 - 300		VC0131	940 U	180 U	180 U	180 U	4,700 U	13,000	180 U	8,600	180 U	940 U	940 U
S317	7/15/2000	300 - 400		VC0132	3,200 U	620 U	620 U	620 U	16,000 U	29,000	620 U	19,000	620 U	3,200 U	3,200 U
S317	7/15/2000	400 - 500		VC0133	300 U	58 U	58 U	58 U	1,500 UJ	1,900	58 UJ	2,700	58 U	300 UJ	300 UJ
S317	7/15/2000	500 - 600		VC0134	630 UJ	120 UJ	120 UJ	120 UJ	3,200 UJ	9,600 J	120 UJ	8,700 J	120 UJ	630 UJ	630 UJ
S317	7/15/2000	600 - 700		VC0135	300 UJ	58 UJ	58 UJ	58 UJ	1,500 UJ	58 UJ	58 UJ	58 UJ	58 UJ	300 UJ	300 UJ
S318	7/14/2000	0 - 15		VC0189	220 UJ	42 UJ	42 UJ	42 UJ	1,100 UJ	440 J	42 UJ	700 J	42 UJ	220 UJ	220 UJ
S318	7/14/2000	15 - 30		VC0190	220 U	42 U	42 U	42 U	1,100 U	1,300	42 U	2,700	45 J	220 U	220 U
S318	7/14/2000	30 - 100		VC0137	210 U	41 U	41 U	41 U	1,100 U	270	41 U	390	41 U	210 U	210 U
S318	7/14/2000	100 - 200		VC0138	270 UJ	52 UJ	52 UJ	52 UJ	1,300 UJ	52 UJ	52 UJ	52 UJ	52 UJ	270 UJ	270 UJ
S318	7/14/2000	200 - 300		VC0139	280 UJ	55 UJ	55 UJ	55 UJ	1,400 UJ	55 UJ	55 UJ	55 UJ	55 UJ	280 UJ	280 UJ
S318	7/14/2000	300 - 400		VC0140	290 U	57 U	57 U	57 U	1,500 U	57 U	57 U	57 U	57 U	290 U	290 U
S318	7/14/2000	400 - 500		VC0141	330 U	64 U	64 U	64 U	1,600 U	64 U	64 U	64 U	64 U	330 U	330 U
S318	7/14/2000	500 - 600		VC0142	320 UJ	63 UJ	63 UJ	63 UJ	1,600 UJ	63 UJ	63 UJ	63 UJ	63 UJ	320 UJ	320 UJ
S318	7/14/2000	600 - 700		VC0143	310 U	59 U	59 U	59 U	1,500 U	59 U	59 U	59 U	59 U	310 U	310 U
S318	7/14/2000	700 - 800		VC0144	290 U	57 U	57 U	57 U	1,500 U	57 U	85	57 U	57 U	290 U	290 U
S319	8/4/2000	0 - 15		SF0082	350 UJ	68 UJ	68 UJ	68 UJ	1,800 UJ	1,300 J	68 UJ	2,700 J	68 UJ	350 UJ	350 UJ
S319	8/4/2000	15 - 30		SF0083	340 U	66 U	66 U	66 U	1,700 U	850	66 U	1,700	66 U	340 U	340 U
S319	7/14/2000	30 - 100		VC0145	370 U	71 U	71 U	71 U	1,800 U	3,700	71 U	3,700	160	370 U	370 U
S319	7/14/2000	100 - 200		VC0146	3,300 U	650 U	650 U	650 U	17,000 U	40,000	650 U	20,000	650 U	3,300 U	3,300 U
S319	7/14/2000	200 - 300		VC0147	3,300 U	630 U	630 U	630 U	16,000 UJ	29,000	630 UJ	15,000	630 U	3,300 UJ	3,300 UJ
S319	7/14/2000	300 - 400		VC0148	3,200 U	630 U	630 U	630 U	16,000 U	40,000	630 U	31,000	630 U	3,200 U	3,200 U
S319	7/14/2000	400 - 500		VC0149	310 U	60 U	60 U	60 U	1,600 U	3,000	60 U	4,100	60 U	310 U	310 U
S319	7/14/2000	500 - 600		VC0150	310 U	61 U	61 U	61 U	1,600 U	240	61 U	230	61 U	310 U	310 U
S319	7/14/2000	600 - 700		VC0151	310 U	60 U	60 U	60 U	1,600 U	60 U	60 U	60 U	60 U	310 U	310 U
S319	7/14/2000	700 - 800		VC0152	300 U	59 U	59 U	59 U	1,500 U	59 U	59 U	59 U	59 U	300 U	300 U

Table B1-16. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	N-nitroso-dimethylamine (µg/kg-dw)	N-nitroso-di-n-propylamine (µg/kg-dw)	N-nitroso-diphenylamine (µg/kg-dw)	2,2'-Oxybis(1-chloropropane) (µg/kg-dw)	Pentachlorophenol (µg/kg-dw)	Phenanthrene (µg/kg-dw)	Phenol (µg/kg-dw)	Pyrene (µg/kg-dw)	1,2,4-Trichlorobenzene (µg/kg-dw)	2,4,5-Trichlorophenol (µg/kg-dw)	2,4,6-Trichlorophenol (µg/kg-dw)
S320	8/13/2000	0 - 15		SF0084	500 U	96 U	96 U	96 U	2,500 U	270	96 U	630	96 U	500 U	500 U
S320	8/14/2000	15 - 30		SF0085	530 UJ	100 UJ	100 UJ	100 UJ	2,700 UJ	330 J	100 UJ	840 J	100 UJ	530 UJ	530 UJ
S320	7/13/2000	30 - 100		VC0153	920 U	180 U	180 U	180 U	4,600 U	1,400	180 U	2,000	180 U	920 U	920 U
S320	7/13/2000	100 - 200		VC0154	850 UJ	160 UJ	160 UJ	160 UJ	4,200 UJ	9,400 J	160 UJ	8,800 J	240 J	850 UJ	850 UJ
S320	7/13/2000	200 - 300		VC0155	370 U	71 U	71 U	71 U	1,800 U	340	71 U	480	71 U	370 U	370 U
S320	7/13/2000	300 - 400		VC0156	30,000 U	5,800 U	5,800 U	5,800 U	150,000 U	130,000	5,800 U	51,000	5,800 U	30,000 U	30,000 U
S320	7/13/2000	400 - 500		VC0157	320 U	62 U	62 U	62 U	1,600 UJ	510	62 UJ	600	62 U	320 UJ	320 UJ
S320	7/13/2000	500 - 600		VC0158	320 U	62 U	62 U	62 U	1,600 U	740	62 U	280 J	62 U	320 U	320 U
S320	7/13/2000	600 - 700		VC0159	320 U	62 U	62 U	62 U	1,600 U	62 U	62 U	62 U	62 U	320 U	320 U
S321	8/4/2000	0 - 15		SF0086	240 U	46 U	46 U	46 U	1,200 U	240	46 U	610	46 U	240 U	240 U
S321	8/4/2000	15 - 30		SF0087	690 U	130 U	130 U	130 U	3,400 U	3,900	130 U	5,400	130 U	690 U	690 U
S321	7/13/2000	30 - 100		VC0161	220 U	43 U	43 U	43 U	1,100 U	43 U	43 U	43 U	43 U	220 U	220 U
S321	7/13/2000	100 - 200		VC0162	250 U	49 U	49 U	49 U	1,300 U	49 U	49 U	49 U	49 U	250 U	250 U
S321	7/13/2000	200 - 300		VC0163	260 U	50 U	50 U	50 U	1,300 U	50 U	50 U	50 U	50 U	260 U	260 U
S321	7/13/2000	300 - 400		VC0164	260 U	50 U	50 U	50 U	1,300 U	50 U	50 U	50 U	50 U	260 U	260 U
S321	7/13/2000	400 - 500		VC0165	270 U	52 U	52 U	52 U	1,300 U	52 U	52 U	52 U	52 U	270 U	270 U
S321	7/13/2000	500 - 560		VC0166	280 U	54 U	54 U	54 U	1,400 U	54 U	54 U	54 U	54 U	280 U	280 U
S321	7/13/2000	560 - 600		VC0167B	280 U	55 U	55 U	55 U	1,400 U	55 U	55 U	55 U	55 U	280 U	280 U
S321	7/13/2000	600 - 700		VC0167	290 U	56 U	56 U	56 U	1,400 U	56 U	56 U	56 U	56 U	290 U	290 U
S321	7/13/2000	700 - 800		VC0168	290 U	56 U	56 U	56 U	1,400 U	56 U	56 U	56 U	56 U	290 U	290 U
S322	8/10/2000	0 - 15		SF0088	1,000 UJ	200 UJ	200 UJ	200 UJ	5,200 UJ	7,800 J	200 UJ	6,900 J	200 UJ	1,000 UJ	1,000 UJ
S322	8/10/2000	15 - 30		SF0089	3,400 UJ	650 UJ	650 UJ	650 UJ	17,000 UJ	13,000 J	650 UJ	10,000 J	650 UJ	3,400 UJ	3,400 UJ
S322	7/13/2000	30 - 100		VC0169	330 U	64 U	64 U	64 U	1,700 U	3,300	64 U	2,600	64 U	330 U	330 U
S322	7/13/2000	100 - 200		VC0170	270 UJ	52 UJ	52 UJ	52 UJ	1,300 UJ	2,100 J	52 UJ	1,400 J	52 UJ	270 UJ	270 UJ
S322	7/13/2000	200 - 300		VC0171	300 U	58 U	58 U	58 U	1,500 U	58 U	58 U	58 U	58 U	300 U	300 U
S322	7/13/2000	300 - 400		VC0172	290 U	56 U	56 U	56 U	1,400 U	56 U	56 U	56 U	56 U	290 U	290 U
S322	7/13/2000	400 - 500	D1	VC0173	280 U	54 U	54 U	54 U	1,400 U	54 U	54 U	54 U	54 U	280 U	280 U
S322	7/13/2000	400 - 500	D2	VC0185	280 UJ	54 UJ	54 UJ	54 UJ	1,400 UJ	54 UJ	54 UJ	54 UJ	54 UJ	280 UJ	280 UJ
S322	7/13/2000	500 - 600		VC0174	270 U	53 U	53 U	53 U	1,400 U	53 U	53 U	53 U	53 U	270 U	270 U
S322	7/13/2000	600 - 700		VC0175	270 U	52 U	52 U	52 U	1,300 U	52 U	52 U	52 U	52 U	270 U	270 U
S322	7/13/2000	700 - 800		VC0176	250 U	49 U	49 U	49 U	1,300 U	49 U	49 U	49 U	49 U	250 U	250 U
S323	8/13/2000	0 - 15		SF0090	310 U	61 U	61 U	61 U	1,600 U	220	61 U	450	61 U	310 U	310 U
S323	8/4/2000	15 - 30		SF0091	840 U	160 U	160 U	160 U	4,200 UJ	4,500	160 UJ	4,900	160 U	840 UJ	840 UJ
S323	7/12/2000	30 - 100		VC0177	830 U	160 U	160 U	160 U	4,100 U	3,600	160 U	4,300	160 U	830 U	830 U
S323	7/12/2000	100 - 200		VC0178	660 U	130 U	130 U	130 U	3,300 U	8,000	130 U	5,700	130 U	660 U	660 U
S323	7/12/2000	200 - 300		VC0179	680 U	130 U	130 U	130 U	3,400 U	5,200	130 U	4,300	130 U	680 U	680 U
S323	7/12/2000	300 - 400		VC0180	310 U	60 U	60 U	60 U	1,500 U	570	60 U	1,100	60 U	310 U	310 U
S323	7/12/2000	400 - 500		VC0181	300 U	59 U	59 U	59 U	1,500 U	180	59 U	420	59 U	300 U	300 U
S323	7/12/2000	500 - 600		VC0182	280 U	54 U	54 U	54 U	1,400 U	54 U	54 U	54 U	54 U	280 U	280 U
S323	7/12/2000	600 - 700		VC0183	270 U	53 U	53 U	53 U	1,400 U	53 U	53 U	53 U	53 U	270 U	270 U
S323	7/12/2000	700 - 800		VC0184	270 U	52 U	52 U	52 U	1,300 U	52 U	52 U	52 U	52 U	270 U	270 U

Table B1-17. TCL Pesticides in 8-m Cores

Station	Date	Depth (cm)	Duplicate	Sample Number	Aldrin (µg/kg-dw)	alpha-BHC (µg/kg-dw)	beta-BHC (µg/kg-dw)	delta-BHC (µg/kg-dw)	gamma-BHC (Lindane) (µg/kg-dw)	alpha-Chlordane (µg/kg-dw)	gamma-Chlordane (µg/kg-dw)	4,4'-DDD (µg/kg-dw)	4,4'-DDE (µg/kg-dw)	4,4'-DDT (µg/kg-dw)	Dieldrin (µg/kg-dw)
S301	7/22/2000	0 - 15		VC0215	1.05 UJ	1.05 UJ	1.77 U	1.05 UJ	1.05 UJ	1.05 UJ	1.45 J	1.05 UJ	1.68 J	6.32 J	3.03 J
S301	7/22/2000	15 - 30		VC0024	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1.71 J	1 UJ	2.82 J	1 UR	5.23 J
S301	7/22/2000	30 - 56		VC0001	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1.14 R	1.9 J	1.45 J	6.84 J	4.66 J
S301	7/22/2000	56 - 156	D1	VC0002	1 UJ	1 UJ	4.56 UJ	1 UJ	1 UJ	1 UJ	2.31 R	11.8 J	1.84 R	8.14 J	5.45 J
S301	7/22/2000	56 - 156	D2	VC0195	1.05 UJ	1.05 UJ	5.78 U	1.05 UJ	1.05 UJ	1.05 UJ	4.3 J	1.05 UJ	2.39 R	5.71 J	6.97 J
S301	7/22/2000	156 - 256		VC0003	1.8 R	1 UJ	5.09 UJ	1 UJ	1 UJ	1 UJ	4.45 J	16.8 J	2.55 R	3.9 J	7.88 J
S301	7/22/2000	256 - 356		VC0004	1.87 R	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	4.28 J	16 J	2.01 R	3.42 J	4.82 J
S301	7/22/2000	356 - 437		VC0005	1 UR	1 UR	1.12 J	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR
S301	7/22/2000	437 - 537		VC0006	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U	1 UJ	1 U
S301	7/22/2000	537 - 637		VC0007	1 UJ	1 UJ	1.1 J	1 UR	1 UR	1 UJ	1 UJ	1 UR	1 U	1 UR	1 U
S301	7/22/2000	637 - 730		VC0008	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR
S302	8/12/2000	0 - 15		SF0048	1.08 U	1.08 UJ	1.08 UJ	1.08 UR	1.08 UJ	1.08 UJ	1.69 J	1.08 UJ	1.08 UJ	2.17 J	1.08 UJ
S302	8/14/2000	15 - 30		SF0049	1.07 UJ	1.07 UJ	1.07 UJ	1.07 UR	1.07 UJ	1.07 UJ	1.53 J	1.07 UJ	1.07 UJ	1.07 UR	1.07 UJ
S302	7/22/2000	30 - 59		VC0009	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	2.1 R	1 UR
S302	7/22/2000	59 - 159		VC0010	1 UR	1 UR	1.76 R	1 UR	1 UR	1 UR	1 UR	1 UR	1.47 J	1 UR	1.14 R
S302	7/22/2000	159 - 259		VC0011	2.53 R	1 UJ	3.88 R	1 UJ	1 UJ	1 UJ	2.75 R	5.18 J	1.94 J	2.56 R	3.47 J
S302	7/22/2000	259 - 359		VC0012	1.83 R	1 UR	5.72 J	1 UR	1 UR	1 UR	2.12 R	3.41 R	3.11 J	1 UR	2.88 R
S302	7/22/2000	359 - 459		VC0013	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	2.54 J	1 UR	1 UR
S302	7/22/2000	459 - 559		VC0014	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR
S302	7/22/2000	559 - 659		VC0015	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S302	7/22/2000	659 - 761		VC0016	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S303	8/12/2000	0 - 15		SF0038	1.09 UR	1.09 UR	1.09 UR	1.09 UR	1.09 UR	1.09 UR	1.09 UR	1.09 UR	1.09 UR	1.14 R	1.09 UR
S303	7/22/2000	15 - 30		VC0214	1.03 UJ	1.62 J	1.03 U	1.03 UJ	1.03 UJ	1.65 J	4.99	1.03 UJ	2.15 R	7.18 J	6.2
S303	7/22/2000	30 - 100		VC0017	1 UR	1 UR	3.39 J	1 UR	1 UR	1.13 J	4.06 R	2.84 R	3.06 R	3.38 R	4.38 R
S303	7/22/2000	100 - 200		VC0018	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR
S303	7/22/2000	200 - 300		VC0019	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S303	7/22/2000	300 - 400	D1	VC0020	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U	1.04 J	1 U
S303	7/22/2000	300 - 400	D2	VC0198	1.03 UJ	1.03 UJ	1.03 U	1.03 UJ	1.03 UJ	1.03 UJ	1.03 U	1.03 UJ	1.03 U	1.03 UJ	1.03 U
S303	7/22/2000	400 - 500		VC0021	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U	1 UJ	1 U
S303	7/22/2000	500 - 600		VC0022	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U	1 UJ	1 U
S303	7/22/2000	600 - 618		VC0023	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U	1 UJ	1 U
S304	8/9/2000	0 - 15		SF0052	1.06 U	1.06 UJ	1.06 UJ	1.06 UR	1.06 UJ	1.06 UJ	1.06 U	1.06 UJ	1.06 UJ	1.48 J	1.27 J
S304	8/9/2000	15 - 30		SF0053	1 U	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 U	1 UJ	1 UJ	2.69 J	1 U
S304	7/21/2000	30 - 100		VC0025	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	3.12 J	1 UR	1 UR	3.64 J	3.62 J
S304	7/21/2000	100 - 200		VC0026	2.38 J	1 UR	6.04 J	1 UR	1 UR	1 UR	4.52 J	16 J	1.32 R	6.13 J	3.89 J
S304	7/21/2000	200 - 300	D1	VC0027	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	26.7 J	1 UR	4.17 R	5.54 J
S304	7/21/2000	200 - 300	D2	VC0201	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	2.61 J	23.9 J	1 UJ	10.3 J	4.14 J
S304	7/21/2000	300 - 400		VC0028	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	10.8 J	1 UR	6.36 J	3.45 J
S304	7/21/2000	400 - 500		VC0029	1 UR	1 UR	3.1 J	1 UR	1 UR	1.38 J	1 UR	1.34 J	2.82 J	4.85 J	2.72 J
S304	7/21/2000	500 - 600		VC0030	1 UR	1 UR	2.36 J	1 UR	1 UR	1 UR	1.53 J	1 UR	1.45 R	3.61 J	1.22 J
S304	7/21/2000	600 - 700		VC0031	3.19 R	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	3.84 J	1.02 J
S304	7/21/2000	700 - 727		VC0032	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1.01 J	1 UR
S305	8/12/2000	0 - 15		SF0054	1.11 UR	1.11 UR	1.11 UR	1.11 UR	1.11 UR	1.11 UR	1.11 UR	2.41 J	1.11 UR	1.11 UR	1.11 UR
S305	8/4/2000	15 - 30		SF0055	1.06 UR	1.06 UR	1.06 R	1.06 UR	1.06 UR	1.06 UJ	1.06 U	1.06 UR	1.99 J	1.38 J	1.16 J
S305	7/21/2000	30 - 100		VC0033	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	2.29 J	1 UR

Table B1-17. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Aldrin (µg/kg-dw)	alpha-BHC (µg/kg-dw)	beta-BHC (µg/kg-dw)	delta-BHC (µg/kg-dw)	gamma-BHC (Lindane) (µg/kg-dw)	alpha-Chlordane (µg/kg-dw)	gamma-Chlordane (µg/kg-dw)	4,4'-DDD (µg/kg-dw)	4,4'-DDE (µg/kg-dw)	4,4'-DDT (µg/kg-dw)	Dieldrin (µg/kg-dw)
S305	7/21/2000	100 - 200		VC0034	1 UR	1 UR	2.53 R	1 UR	1 UR	1 UR	1.04 J	1 UR	1.6 R	3.6 J	3.93 J
S305	7/21/2000	200 - 300		VC0035	2.14 J	1 UR	3.18 R	1 UR	1 UR	1 UR	3.71 J	7.96 J	2.22 J	5.22 J	6.7 J
S305	7/21/2000	300 - 400		VC0036	1.66 J	1 UR	7.62 J	1 UR	1 UR	1 UR	2.39 J	10.6 J	1.59 R	8.37 J	7.83 J
S305	7/21/2000	400 - 500		VC0037	1.39 R	1 UR	4.16 J	1 UR	1 UR	1 UR	1.21 J	7.92 J	1.52 R	4.24 J	4.3 J
S305	7/21/2000	500 - 600		VC0038	3.71 J	1 UJ	4.5 J	1 UJ	1 UJ	2.47 J	1 UJ	1 UJ	1.85 R	3.42 J	1 UJ
S305	7/21/2000	600 - 635		VC0211	1 UJ	1 UJ	1.87 J	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	3.51 J	1 UJ
S305	7/21/2000	635 - 692		VC0039	1 UJ	1 UJ	3.29 J	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S305	7/21/2000	692 - 737		VC0040	1 UJ	1 UJ	1.02 J	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1.35 J	1 UJ
S306	7/21/2000	0 - 15		VC0212	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S306	7/21/2000	15 - 30		VC0213	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S306	7/21/2000	30 - 100		VC0041	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S306	7/21/2000	100 - 200		VC0042	1 UJ	1 UJ	1.27 R	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S306	7/21/2000	200 - 300		VC0043	1 UJ	1 UJ	1.83 J	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S306	7/21/2000	300 - 400		VC0044	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S306	7/21/2000	400 - 500		VC0045	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S306	7/21/2000	500 - 600	D1	VC0046	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S306	7/21/2000	500 - 600	D2	VC0199	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S306	7/21/2000	600 - 700		VC0047	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S306	7/21/2000	700 - 732		VC0048	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S307	7/18/2000	0 - 15		VC0196	5.82 UJ	1 UJ	1 UR	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	7.4 J	4.2 J	4.15 J
S307	7/18/2000	15 - 30		VC0197	1 UJ	1 UJ	1 UR	1.19 J	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	2.41 R	1 UJ
S307	7/18/2000	30 - 100		VC0049	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U	1 U	1 UJ	1 UJ	1 UJ	1 U
S307	7/18/2000	100 - 200		VC0050	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U	1 U	1 UJ	1 UJ	1 UJ	1 U
S307	7/18/2000	200 - 300		VC0051	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U	1 U	1 UJ	1 UJ	1 UJ	1 U
S307	7/18/2000	300 - 400		VC0052	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U	1 U	1 UJ	1 UJ	1 UJ	1 U
S307	7/18/2000	400 - 500		VC0053	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U	1 U	1 UJ	1 UJ	1 UJ	1 U
S307	7/18/2000	500 - 600		VC0054	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U	1 U	1 UJ	1 UJ	1 UJ	1 U
S308	8/10/2000	0 - 15		SF0060	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UR	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UJ	1.34 J	1.08 UR	1.35 J
S308	8/10/2000	15 - 30		SF0061	1.06 UJ	1.06 UJ	1.06 UJ	1.06 UR	1.06 UJ	1.06 UJ	1.13 J	1.06 UJ	1.06 UJ	2.77 J	2.27 J
S308	7/18/2000	30 - 100	D1	VC0057	1 UJ	1.52 R	1 UJ	1 UJ	1 UJ	2.85 J	16.6 J	9.31 R	13.6 J	1 UR	17.6 J
S308	7/18/2000	30 - 100	D2	VC0191	6.58 UJ	1 UJ	1 UR	1 UR	1 UJ	3 J	17.7 J	7.2 R	13.8 J	31.7 J	20.7 J
S308	7/18/2000	100 - 200		VC0058	1 UJ	1 UJ	3.21 R	1.91 R	1 UJ	1 U	1 U	1 UJ	4.26 J	5.69 J	1.73 J
S308	7/18/2000	200 - 259		VC0059	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U	1 U	1 UJ	2.1 J	2.56 J	2.77 J
S308	7/18/2000	259 - 359		VC0060	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U	1 U	1 UJ	1 UJ	1 UJ	1 U
S308	7/18/2000	359 - 459		VC0061	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U	1 U	1 UJ	1 UJ	1 UJ	1 U
S308	7/18/2000	459 - 559		VC0062	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U	1 U	1 UJ	1 UJ	1 UJ	1 U
S308	7/18/2000	559 - 593		VC0063	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U	1 U	1 UJ	1 UJ	1 UJ	1 U
S309	8/14/2000	0 - 15		SF0062	5.02 UJ	3.16 J	1.04 UJ	4.84 J	1.04 UJ	4.05 J	4.13 R	6.86 R	7.97 J	8.07 R	16.1 J
S309	8/14/2000	15 - 30		SF0063	1.07 UJ	3.96 J	1.07 UJ	2.24 J	1.07 UJ	5.39 J	4.47 J	1.07 UJ	7.62 J	46.9 J	19.9 J
S309	7/20/2000	30 - 74		VC0087	2.32 R	1 UR	1 UR	1 UR	1 UR	1.71 J	1 UR	13.6 R	5.41 J	13.2 J	11.6 J

Table B1-17. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Aldrin (µg/kg-dw)	alpha-BHC (µg/kg-dw)	beta-BHC (µg/kg-dw)	delta-BHC (µg/kg-dw)	gamma-BHC (Lindane) (µg/kg-dw)	alpha-Chlordane (µg/kg-dw)	gamma-Chlordane (µg/kg-dw)	4,4'-DDD (µg/kg-dw)	4,4'-DDE (µg/kg-dw)	4,4'-DDT (µg/kg-dw)	Dieldrin (µg/kg-dw)
S309	7/20/2000	74 - 174		VC0065	1 UJ	1 UJ	1 UJ	1 UJ	6.99 J	3.07 J	1.54 UJ	1 UJ	3.79 J	4.42 J	2.17 J
S309	7/20/2000	174 - 274	D1	VC0066	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S309	7/20/2000	174 - 274	D2	VC0192	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1.06 J
S309	7/20/2000	274 - 374		VC0067	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S309	7/20/2000	374 - 474		VC0068	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	4.36 R	1 UJ
S309	7/20/2000	474 - 578		VC0069	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S309	7/20/2000	578 - 627		VC0070	15.4 J	1 UJ	2.97 J	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	12.2 J	2.14 J
S309	7/20/2000	627 - 674		VC0071	1 UJ	1 UR	1 UJ	1 UR	1 UR	1 UJ	1 UJ	1 UR	1 UJ	1 UR	1 UJ
S309	7/20/2000	674 - 696		VC0072	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S309	7/20/2000	696 - 730		VC0209	1 UR	1 UR	1 UR	2.85 R	1.19 J	1 UR	1 UR	1 UR	1 UR	1.37 R	1.26 J
S309	7/20/2000	730 - 789		VC0210	1 UR	1 UR	1 UR	1 UR	1 J	1 UR	1 UR	1 UR	1 UR	1.23 R	1.14 J
S310	8/14/2000	0 - 15		SF0064	2.02 R	1.06 UJ	1.06 UJ	1.09 J	1.06 UJ	1.62 J	5.63 J	3.54 R	4.44 J	4.51 J	6.17 J
S310	8/14/2000	15 - 30		SF0065	1.21 R	1.08 J	1.08 UJ	1.08 UR	1.08 UJ	1.46 J	3.7 J	1.08 UR	2.38 J	1.88 R	2.47 J
S310	7/20/2000	30 - 100		VC0073	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	2.97 J	1 UJ	1 UJ	9.49 J	24.2 J	12.4 J
S310	7/20/2000	100 - 200		VC0074	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	3.75 UJ	1 UJ	1 UJ	4.4 J	3.66 J
S310	7/20/2000	200 - 300		VC0075	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1.39 R
S310	7/20/2000	300 - 400	D1	VC0076	1.82 R	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	5 J	1 UR	1 UR	3.64 J
S310	7/20/2000	300 - 400	D2	VC0186	2.17 R	1.98 R	2.33 R	1 UR	1 UR	1.43 J	1.4 R	3.88 J	1 UR	1 UR	3.13 J
S310	7/20/2000	400 - 500		VC0077	1.04 R	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1.41 J
S310	7/20/2000	500 - 600		VC0078	1.73 R	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1.42 J
S310	7/20/2000	600 - 653		VC0079	2.78 R	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	2.71 J	1 UR	1 UR	1 UR
S310	7/20/2000	653 - 724		VC0080	3.38 J	1 UR	6.76 R	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR
S311	7/20/2000	0 - 15		VC0207	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	3.91 J	1 UR	3.08 J	1 UR
S311	7/20/2000	15 - 30		VC0208	1.02 R	1 UR	2.44 J	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	7.87 J	3.36 J
S311	7/20/2000	30 - 100		VC0081	1.79 R	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	2.37 R
S311	7/20/2000	100 - 200		VC0082	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR
S311	7/20/2000	200 - 300		VC0083	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	2.22 R	4.33 J	1.4 J
S311	7/20/2000	300 - 400		VC0084	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR
S311	7/20/2000	400 - 500		VC0085	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR
S311	7/20/2000	500 - 600		VC0086	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR
S312	8/14/2000	0 - 15		SF0068	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UR	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UR	2.08 R	6.96 J	1.08 UJ
S312	8/14/2000	15 - 30		SF0069	1.07 UJ	2.58 J	1.07 UJ	2.95 J	1.07 UJ	1.07 UJ	2.71 R	1.07 UR	1.07 U	1.07 UJ	1.07 UJ
S312	7/20/2000	30 - 100		VC0089	1 UR	3.17 R	1 UR	1 UR	1 UR	1.58 J	5.55 J	12.2 J	3.03 J	1 UR	1.71 R
S312	7/20/2000	100 - 200		VC0090	1.15 R	1.21 R	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	2.62 J	1 UR	1 UR
S312	7/20/2000	200 - 300	D1	VC0091	2.28 R	2.88 R	1 UR	1 UR	1 UR	1 UR	1.64 R	16 J	5.64 J	5.04 R	3.32 J
S312	7/20/2000	200 - 300	D2	VC0193	1 UR	3.53 J	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	3.45 J	1 UR	2.9 J
S312	7/20/2000	300 - 400		VC0092	1.6 R	2.92 J	1 UR	1 UR	1 UR	1 UR	1.59 J	8.31 J	4.28 J	4.82 J	3.17 J
S312	7/20/2000	400 - 500		VC0093	1 UR	1.6 R	1 UR	1 UR	1 UR	1 UR	1 R	6.37 J	3.08 R	3.7 J	2.98 J
S312	7/20/2000	500 - 600		VC0094	1 UR	1.25 R	1.83 R	1 UR	1 UR	2.16 J	3.38 J	2.44 J	8.74 J	4.32 J	4.96 J
S312	7/20/2000	600 - 700		VC0095	1.08 R	1.32 R	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	5.66 J	1 UR	1.26 R

Table B1-17. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Aldrin (µg/kg-dw)	alpha-BHC (µg/kg-dw)	beta-BHC (µg/kg-dw)	delta-BHC (µg/kg-dw)	gamma-BHC (Lindane) (µg/kg-dw)	alpha-Chlordane (µg/kg-dw)	gamma-Chlordane (µg/kg-dw)	4,4'-DDD (µg/kg-dw)	4,4'-DDE (µg/kg-dw)	4,4'-DDT (µg/kg-dw)	Dieldrin (µg/kg-dw)
S313	7/18/2000	0 - 15		VC0187	51.4 R	13 J	1 UR	1 UR	1 UJ	16.5 R	22.5 R	43.9 R	22.9 R	88.3 J	31.3 J
S313	7/18/2000	15 - 30		VC0188	1 UJ	7.55 J	1 UR	1 UR	1 UJ	7.89 J	14.7 J	22.6 R	5.79 R	25.7 J	1 UJ
S313	7/18/2000	30 - 100	D1	VC0097	1 UJ	1.64 R	4.22 R	6.08 R	1 UJ	1 U	14.4 J	28.7 R	8.15 R	50.3 J	15.1 J
S313	7/18/2000	30 - 100	D2	VC0194	2.6 R	2.39 R	2.17 R	1 UR	1 UJ	13.3 J	12.1 J	17.2 R	19.3 J	29.1 J	10.6 R
S313	7/18/2000	100 - 200		VC0098	1 UJ	1.84 R	2.74 J	1.78 R	1 UJ	1 UJ	12.7 J	8.94 R	5.68 R	67.2 J	12.8 J
S313	7/18/2000	200 - 300		VC0099	1 UJ	1.14 R	2.58 J	1.92 R	1 UR	1 UJ	1 UJ	1.43 R	4.21 R	6.6 J	2.14 J
S313	7/18/2000	300 - 400		VC0100	1 UJ	1.08 R	1.99 J	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1.64 R	6.21 R	2.57 J
S313	7/18/2000	400 - 500		VC0101	1 UJ	1 UJ	1 UR	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	3.48 R	1 UJ
S313	7/18/2000	500 - 600		VC0102	1 UJ	1 UJ	1 UR	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S313	7/18/2000	600 - 700		VC0103	1 UJ	1 UJ	1 UR	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S313	7/18/2000	700 - 800		VC0104	1 UJ	1 UJ	1 UR	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1.29 J	1 UJ
S314	8/10/2000	0 - 15		SF0072	1.08 U	7.55 J	1.08 UJ	1.08 UR	1.08 UJ	1.08 UJ	50.4 J	1.08 UJ	21.4 J	37.8 J	1.08 U
S314	8/10/2000	15 - 30		SF0073	1.09 U	1.09 UJ	1.09 UJ	2.35 J	1.09 UJ	1.09 UJ	20 J	1.09 UJ	34 J	29.4 J	29.9 J
S314	7/19/2000	30 - 100	D1	VC0105	49.6 UJ	11.2 J	1 UR	1.33 R	1 UJ	1 UJ	23.7 J	41.9 R	16.5 J	38.8 J	28.5 J
S314	7/19/2000	30 - 100	D2	VC0200	1 UJ	9.22 J	1 UJ	1 UJ	1 UJ	3.32 J	16.3 J	26.6 R	7.24 J	27.8 J	22.7 J
S314	7/19/2000	100 - 200		VC0106	4.59 UJ	1.77 R	1 UR	1 UR	1 UJ	4.43 J	12.5 J	11.5 R	6.19 J	17.7 J	10.8 J
S314	7/19/2000	200 - 300		VC0107	1 UJ	1 UJ	1 UR	8.15 R	1 UJ	1 UJ	1 UJ	24.1 R	6.42 R	72 J	13.2 J
S314	7/19/2000	300 - 400		VC0108	1.96 R	1 UJ	3.99 J	1.75 R	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	35.4 J	5.57 J
S314	7/19/2000	400 - 500		VC0109	12.2 J	1.84 J	5.16 J	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	2.21 R	5.83 J	1 UJ
S314	7/19/2000	500 - 600		VC0110	1 UJ	1 UJ	2.74 J	1.04 R	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	7.04 J	1 UJ
S314	7/19/2000	600 - 700		VC0111	1 UJ	1 UJ	1.04 J	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1.58 R	1 UJ
S314	7/19/2000	700 - 800		VC0112	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	2.65 J	1 UJ
S315	8/11/2000	0 - 15		SF0074	1.07 UJ	1.07 UJ	1.79 J	1.07 UR	1.07 UJ	1.16 J	3.63 R	1.07 UJ	2.56 J	2.6 J	2.16 J
S315	8/14/2000	15 - 30		SF0075	1.06 UR	1.06 UR	1.06 UR	1.06 UR	1.06 UR	1.89 J	2.07 R	1.06 UR	2.59 R	4.14 J	3.14 J
S315	7/19/2000	30 - 100		VC0113	1.68 R	1 UR	1 UR	1 UR	1 UR	1 UR	3.81 UJ	1 UR	1 UR	6.93 J	2.84 J
S315	7/19/2000	100 - 200		VC0114	9.57 UJ	3.21 J	1 UR	2.72 R	1 UR	10.6 J	36.8 J	15.2 J	18.7 R	50 J	38.5 J
S315	7/19/2000	200 - 300		VC0115	1.21 R	1 UJ	1 UJ	1 UJ	1 UJ	1.29 J	6.39 UJ	1 UJ	3.69 R	10.2 J	4.69 J
S315	7/19/2000	300 - 400		VC0116	1 UJ	1.43 J	1.6 J	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	4.85 J	1.05 J
S315	7/19/2000	400 - 500		VC0117	1 UJ	1 UJ	1.65 J	1 UJ	1.69 J	3.74 J	1 UJ	1 UJ	1 UJ	2.76 R	1 UJ
S315	7/19/2000	500 - 600		VC0118	1 UJ	1 UJ	1.14 J	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1.9 R	1 UJ
S315	7/19/2000	600 - 673		VC0119	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1.06 R	1 UJ
S315	7/19/2000	673 - 767		VC0120	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S316	8/10/2000	0 - 15		SF0076	1.09 U	1.09 UJ	1.52 J	1.09 UR	1.09 UJ	1.09 UJ	1.09 U	1.09 UJ	1.38 J	1.09 UR	1.09 U
S316	8/10/2000	15 - 30		SF0077	1.08 U	1.08 UJ	3.94 J	1.08 UR	1.08 UJ	1.08 UJ	1.27 J	1.08 UJ	1.08 U	1.08 UJ	1.08 U
S316	7/15/2000	30 - 102		VC0121	1 U	1 UJ	1 UJ	1 UR	1 UJ	1 U	1 U	1 UJ	1 U	1 UJ	1 U
S316	7/15/2000	102 - 201		VC0122	1 U	1 UJ	1 UJ	1 UR	1 UJ	1 U	1 U	1 UJ	1 U	1 UJ	1 U
S316	7/15/2000	201 - 300		VC0123	1 U	1 UJ	1 UJ	1 UR	1 UJ	1 U	1 U	1 UJ	1 U	1 UJ	1 U
S316	7/15/2000	300 - 400		VC0124	1 U	1 UJ	1 UJ	1 UR	1 UJ	1 U	1 U	1 UJ	1 U	1 UJ	1 U
S316	7/15/2000	400 - 500		VC0125	1 U	1 UJ	1 UJ	1 UR	1 UJ	1 U	1 U	1 UJ	1 U	1 UJ	1 U
S316	7/15/2000	500 - 600		VC0126	1 U	1 UJ	1 UJ	1 UR	1 UJ	1 U	1 U	1 UJ	1 U	1 UJ	1 U

Table B1-17. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Aldrin (µg/kg-dw)	alpha-BHC (µg/kg-dw)	beta-BHC (µg/kg-dw)	delta-BHC (µg/kg-dw)	gamma-BHC (Lindane) (µg/kg-dw)	alpha-Chlordane (µg/kg-dw)	gamma-Chlordane (µg/kg-dw)	4,4'-DDD (µg/kg-dw)	4,4'-DDE (µg/kg-dw)	4,4'-DDT (µg/kg-dw)	Dieldrin (µg/kg-dw)
S316	7/15/2000	600 - 700		VC0127	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S316	7/15/2000	700 - 800		VC0128	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S317	8/11/2000	0 - 15		SF0078	1.13 R	1.07 UJ	2.09 J	1.07 UR	1.07 UJ	1.45 J	3.49 R	1.12 R	2.17 J	5.9 J	2.99 J
S317	8/4/2000	15 - 30		SF0079	1.09 UR	1.28 J	1.09 UJ	1.09 UR	1.09 UR	2.97 J	5.6 J	1.09 UR	5.56 R	7.92 J	11.8 J
S317	7/15/2000	30 - 100		VC0129	1 UJ	3.8 J	1 UJ	1 UJ	1 UJ	1 UJ	43.3 J	21.5 R	19.4 R	53.5 J	50.1 J
S317	7/15/2000	100 - 200		VC0130	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	4.07 J	1 UJ	2.96 R	21.4 J	1 UJ
S317	7/15/2000	200 - 300		VC0131	1 UJ	1 UJ	1 R	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	3 R	1 UJ
S317	7/15/2000	300 - 400		VC0132	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 R	1 UJ	1 UJ	10 R	1 UJ
S317	7/15/2000	400 - 500		VC0133	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S317	7/15/2000	500 - 600		VC0134	1 UJ	1 UJ	2 R	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	4 J	1 UJ
S317	7/15/2000	600 - 700		VC0135	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S318	7/14/2000	0 - 15		VC0189	1 U	1 UJ	1 UJ	1 UR	1 UJ	1 U	1 U	1 UJ	1 U	3.21 R	1 U
S318	7/14/2000	15 - 30		VC0190	1 U	1 UJ	1 UJ	1 UR	1 UJ	1 U	4.78	1 UJ	1.67 R	5.81 R	1 U
S318	7/14/2000	30 - 100		VC0137	1 UJ	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	3.12 J	1.73
S318	7/14/2000	100 - 200		VC0138	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
S318	7/14/2000	200 - 300		VC0139	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
S318	7/14/2000	300 - 400		VC0140	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
S318	7/14/2000	400 - 500		VC0141	1 UJ	1 UJ	1 U	1 UJ	1 UJ	1 U	1 U	1 UJ	1 U	1 UJ	1 U
S318	7/14/2000	500 - 600		VC0142	1 UJ	1 UJ	1 U	1 UJ	1 UJ	1 U	1 U	1 UJ	1 U	1 UJ	1 U
S318	7/14/2000	600 - 700		VC0143	1.06 UJ	1.06 UJ	1.06 U	1.06 UJ	1.06 UJ	1.06 U	1.06 U	1.06 UJ	1.06 U	1.06 UJ	1.06 U
S318	7/14/2000	700 - 800		VC0144	1 UJ	1 UJ	1 U	1 UJ	1 UJ	1 U	1 U	1 UJ	1 U	1 UJ	1 U
S319	8/4/2000	0 - 15		SF0082	1.09 UR	1.09 UR	1.29 R	1.15 J	1.09 UR	1.09 UJ	1.72 R	1.09 UR	3.06 R	6.73 J	1.09 UR
S319	8/4/2000	15 - 30		SF0083	1.06 UR	1.06 UR	1.06 UJ	1.06 UR	1.06 UR	1.69 J	1.06 U	1.06 UR	1.06 UR	9.84 J	1.06 UR
S319	7/14/2000	30 - 100		VC0145	1 UR	1.05 R	1 UR	1 UR	1 UR	1.05 J	7.74 R	13.5 R	7.82 R	31.8 J	22.6
S319	7/14/2000	100 - 200		VC0146	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR
S319	7/14/2000	200 - 300		VC0147	1 UJ	1 UJ	1.23 J	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	4.76 J	1 UJ
S319	7/14/2000	300 - 400		VC0148	1 UJ	1 UJ	1 U	1 UJ	1 UJ	1 U	1 U	1 UJ	1 U	3.29 J	1 U
S319	7/14/2000	400 - 500		VC0149	1 UJ	1 UJ	1 U	1 UJ	1.62 J	1 U	1 U	1 UJ	1 U	2 R	1 U
S319	7/14/2000	500 - 600		VC0150	1 U	1 UJ	1 UJ	1 UR	1 UJ	1 U	1 U	1 UJ	1 U	1 UJ	1 U
S319	7/14/2000	600 - 700		VC0151	1 U	1 UJ	1 UJ	1 UR	1 UJ	1 U	1 U	1 UJ	1 U	1 UJ	1 U
S319	7/14/2000	700 - 800		VC0152	1 U	1 UJ	1 UJ	1 UR	1 UJ	1 U	1 U	1 UJ	1 U	1 UJ	1 U
S320	8/13/2000	0 - 15		SF0084	2.91 R	1.07 UJ	1.07 UJ	2.94 J	1.07 UJ	2.22 J	3.99 J	1.07 UJ	3.77 J	6.41 J	4.85 J
S320	8/14/2000	15 - 30		SF0085	2.48 R	1.07 UJ	1.07 UJ	1.07 UR	1.07 UJ	2.79 J	2.66 R	1.07 UR	2.88 J	3.79 J	4.53 J
S320	7/13/2000	30 - 100		VC0153	1 UJ	1 UJ	1 UJ	1 UR	1 UJ	2.33 J	5.16 R	1 UJ	4.94 J	14.3 J	9.15 R
S320	7/13/2000	100 - 200		VC0154	1 UJ	1 UJ	1 UJ	1 UR	1 UJ	4.3 J	10.9 R	1 UJ	16.9 J	34.3 J	15.5 R
S320	7/13/2000	200 - 300		VC0155	1 UJ	1 UJ	1.38 R	1 UR	1 UJ	1 UJ	2.15 R	1 UJ	1 UJ	12.2 R	1 UJ
S320	7/13/2000	300 - 400		VC0156	2.29 R	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	4.31 R	1 UJ	1 UJ	34.5 R	1 UJ
S320	7/13/2000	400 - 500		VC0157	1 UJ	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1.77 R	1 UJ	1 UR	1 UJ
S320	7/13/2000	500 - 600		VC0158	1 UJ	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S320	7/13/2000	600 - 700		VC0159	1 UJ	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ

Table B1-17. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Aldrin (µg/kg-dw)	alpha-BHC (µg/kg-dw)	beta-BHC (µg/kg-dw)	delta-BHC (µg/kg-dw)	gamma-BHC (Lindane) (µg/kg-dw)	alpha-Chlordane (µg/kg-dw)	gamma-Chlordane (µg/kg-dw)	4,4'-DDD (µg/kg-dw)	4,4'-DDE (µg/kg-dw)	4,4'-DDT (µg/kg-dw)	Dieldrin (µg/kg-dw)
S321	8/4/2000	0 - 15		SF0086	1.07 UR	1.07 UR	1.07 UJ	1.07 UR	1.07 UR	1.07 UJ	1.07 U	1.07 UR	1.07 UR	1.07 UR	1.07 UR
S321	8/4/2000	15 - 30		SF0087	1.07 UR	1.07 UR	1.28 J	1.07 UR	1.07 UR	1.07 UJ	1.07 U	1.07 UR	1.07 UR	1.07 UR	1.07 UR
S321	7/13/2000	30 - 100		VC0161	1 UJ	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S321	7/13/2000	100 - 200		VC0162	1 UJ	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S321	7/13/2000	200 - 300		VC0163	1 UJ	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S321	7/13/2000	300 - 400		VC0164	1 UJ	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S321	7/13/2000	400 - 500		VC0165	1 UJ	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S321	7/13/2000	500 - 560		VC0166	1 UJ	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S321	7/13/2000	560 - 600		VC0167B	1 UJ	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S321	7/13/2000	600 - 700		VC0167	1 UJ	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S321	7/13/2000	700 - 800		VC0168	1 UJ	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S322	8/10/2000	0 - 15		SF0088	1.05 U	1.05 UJ	2.38 R	1.05 UR	1.05 UJ	4.21 J	21.1 J	1.05 UJ	17.5 J	29 J	1.05 U
S322	8/10/2000	15 - 30		SF0089	1.09 U	1.38 J	4.19 J	1.09 UR	1.09 UJ	5.64 J	23.4 J	1.09 UJ	15.8 J	1.09 UR	26.2 J
S322	7/13/2000	30 - 100		VC0169	13.9 R	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	8,45 R	1 UJ	7.3 J	17.7 J	3.08 R
S322	7/13/2000	100 - 200		VC0170	1.02 U	1.02 UJ	1.02 UJ	1.02 UR	1.02 UJ	1.02 U	1.02 U	1.02 UJ	1.02 UJ	2.34 R	2.09 J
S322	7/13/2000	200 - 300		VC0171	1 U	1 UJ	1 UJ	1 UR	1 UJ	1 U	1 U	1 UJ	1 UJ	1 UJ	1 U
S322	7/13/2000	300 - 400		VC0172	1.01 U	1.01 UJ	1.01 UJ	1.01 UR	1.01 UJ	1.01 U	1.01 U	1.01 UJ	1.01 UJ	1.01 UJ	1.01 U
S322	7/13/2000	400 - 500	D1	VC0173	1 U	1 UJ	1 UJ	1 UR	1 UJ	1 U	1 U	1 UJ	1 UJ	1 UJ	1 U
S322	7/13/2000	400 - 500	D2	VC0185	1 U	1 UJ	1 UJ	1 UR	1 UJ	1 U	1 U	1 UJ	1 UJ	1 UJ	1 U
S322	7/13/2000	500 - 600		VC0174	1 U	1 UJ	1 UJ	1 UR	1 UJ	1 U	1 U	1 UJ	1 UJ	1 UJ	1 U
S322	7/13/2000	600 - 700		VC0175	1 U	1 UJ	1 UJ	1 UR	1 UJ	1 U	1 U	1 UJ	1 UJ	1 UJ	1 U
S322	7/13/2000	700 - 800		VC0176	1 U	1 UJ	1 UJ	1 UR	1 UJ	1 U	1 U	1 UJ	1 UJ	1 UJ	1 U
S323	8/13/2000	0 - 15		SF0090	6.11 UJ	1.06 UJ	1.06 UJ	1.06 UR	1.06 UJ	2.06 J	7.59 J	1.06 UJ	4.35 J	13.3 J	13 J
S323	8/4/2000	15 - 30		SF0091	1.08 UR	1.5 J	1.08 UJ	1.08 UR	1.08 UR	1.63 R	1.08 UJ	1.08 UR	13.8 J	1.08 UR	1.08 UR
S323	7/12/2000	30 - 100		VC0177	1 UJ	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	2.74 R	1 UJ	4.7 R	16.6 J	10.7 J
S323	7/12/2000	100 - 200		VC0178	1 UJ	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	2.05 R	7.3 J	1 UJ
S323	7/12/2000	200 - 300		VC0179	1 UJ	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UR	2.4 R	5.58 J	1 UJ
S323	7/12/2000	300 - 400		VC0180	1 UJ	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1.04 R	1 UJ
S323	7/12/2000	400 - 500		VC0181	1 UJ	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S323	7/12/2000	500 - 600		VC0182	1 UJ	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S323	7/12/2000	600 - 700		VC0183	1 UJ	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S323	7/12/2000	700 - 800		VC0184	1 UJ	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ

Table B1-17. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Endosulfan I (µg/kg-dw)	Endosulfan II (µg/kg-dw)	Endosulfan sulfate (µg/kg-dw)	Endrin (µg/kg-dw)	Endrin aldehyde (µg/kg-dw)	Endrin ketone (µg/kg-dw)	Heptachlor (µg/kg-dw)	Heptachlor epoxide (µg/kg-dw)	Methoxychlor (µg/kg-dw)	Toxaphene (µg/kg-dw)
S301	7/22/2000	0 - 15		VC0215	1.05 U	1.05 UJ	4.95 J	1.05 U	1.05 UJ	1.05 UJ	1.05 U	1.56 R	1.05 UJ	105 U
S301	7/22/2000	15 - 30		VC0024	1 U	1 UJ	2.9 J	1 U	1 UJ	1 UJ	1 U	1 U	1 UJ	100 U
S301	7/22/2000	30 - 56		VC0001	1 UJ	1 UJ	18 J	1 UJ	2.16 R	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S301	7/22/2000	56 - 156	D1	VC0002	1 UJ	1 UJ	2.54 R	9.14 R	1.77 R	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S301	7/22/2000	56 - 156	D2	VC0195	1.05 U	1.05 UJ	14 J	9.41 R	1.05 UJ	1.05 UJ	1.05 U	1.05 U	1.05 UJ	105 U
S301	7/22/2000	156 - 256		VC0003	1 UJ	1 UJ	7.11 J	12.9 R	3.3 R	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S301	7/22/2000	256 - 356		VC0004	1 UJ	1 UJ	7.58 J	4.15 R	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S301	7/22/2000	356 - 437		VC0005	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	100 UR
S301	7/22/2000	437 - 537		VC0006	1 UJ	1 UJ	1 UJ	1 U	1.92 R	1 UJ	1 U	1 U	1 UJ	100 U
S301	7/22/2000	537 - 637		VC0007	1 UJ	1 UR	1 UR	1 U	1 UJ	1 UJ	1 U	1 U	1 UJ	100 U
S301	7/22/2000	637 - 730		VC0008	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	100 UR
S302	8/12/2000	0 - 15		SF0048	1.08 UJ	1.08 UJ	1.08 UR	1.08 UJ	1.08 UJ	1.08 UJ	1.08 U	1.44 J	1.08 UJ	108 UJ
S302	8/14/2000	15 - 30		SF0049	1.07 UJ	1.07 UR	1.07 UR	1.07 UJ	1.47 J	1.07 UJ	1.07 U	1.07 UJ	1.07 UJ	107 UJ
S302	7/22/2000	30 - 59		VC0009	1 UR	1 UR	1.12 R	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	100 UR
S302	7/22/2000	59 - 159		VC0010	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1.42 R	1 UR	100 UR
S302	7/22/2000	159 - 259		VC0011	1.6 R	1 UJ	3.35 R	3.06 R	1 UJ	1 UJ	1 UJ	4.48	1 UJ	100 UJ
S302	7/22/2000	259 - 359		VC0012	1 UR	1 UR	2.64 R	9.19 R	1 UR	1 UR	1 UR	4.68	1 UR	100 UR
S302	7/22/2000	359 - 459		VC0013	1 UR	1 UR	1.17 R	4.92 R	1 UR	1 UR	1 UR	1 UR	1 UR	100 UR
S302	7/22/2000	459 - 559		VC0014	1 UR	1 UR	1 UR	2.48 R	1 UR	1 UR	1 UR	1.01 R	1 UR	100 UR
S302	7/22/2000	559 - 659		VC0015	1 UJ	1 UJ	1 UJ	1.07 R	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S302	7/22/2000	659 - 761		VC0016	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1.83 J	1 UJ	100 UJ
S303	8/12/2000	0 - 15		SF0038	1.09 UR	1.09 UR	1.09 UR	1.09 UR	1.09 UR	1.09 UR	1.09 UR	1.09 UR	1.09 UR	109 UR
S303	7/22/2000	15 - 30		VC0214	1.03 U	1.03 UJ	5.27 J	1.72 R	1.03 UJ	1.03 UJ	1.03 U	2.6 R	1.03 UJ	103 U
S303	7/22/2000	30 - 100		VC0017	1 UR	1 UR	1.97 R	4.68 R	1 UR	1 UR	1.42 J	7.22 J	1 UR	100 UR
S303	7/22/2000	100 - 200		VC0018	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	100 UR
S303	7/22/2000	200 - 300		VC0019	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S303	7/22/2000	300 - 400	D1	VC0020	1 U	1 UJ	1.46 R	1 U	1 UJ	1 UJ	1 U	1 U	1 UJ	100 U
S303	7/22/2000	300 - 400	D2	VC0198	1.03 U	1.03 UJ	1.03 UJ	1.07 R	1.03 UJ	1.03 UJ	1.03 U	1.03 U	1.03 UJ	103 U
S303	7/22/2000	400 - 500		VC0021	1 U	1 UJ	1 UJ	1 U	1 UJ	1 UJ	1 U	1 U	1 UJ	100 U
S303	7/22/2000	500 - 600		VC0022	1 U	1 UJ	1 UJ	1 U	1 UJ	1 UJ	1 U	1 U	1 UJ	100 U
S303	7/22/2000	600 - 618		VC0023	1 U	1 UJ	1 UJ	1 U	1 UJ	1 UJ	1 U	1 U	1 UJ	100 U
S304	8/9/2000	0 - 15		SF0052	1.06 UJ	1.06 UJ	1.06 UJ	1.06 U	1.06 UJ	1.06 UJ	1.06 U	1.06 U	1.06 UJ	106 U
S304	8/9/2000	15 - 30		SF0053	1 UJ	1 UJ	1 UJ	1 U	1 UJ	1 UJ	1 U	1 U	1 UJ	100 U
S304	7/21/2000	30 - 100		VC0025	1 UR	1 UR	6.7 J	3.65 R	1 UR	1 UR	1 UR	2.34 J	1 UR	100 UR
S304	7/21/2000	100 - 200		VC0026	1 UR	3.75 J	6.8 R	5.7 R	1 UR	1 UR	1 UR	5.61 J	1 UR	100 UR
S304	7/21/2000	200 - 300	D1	VC0027	1 UR	1 UR	29.8 J	19.6 R	6.31 R	1 UR	1 UR	3.63 J	1 UR	100 UR
S304	7/21/2000	200 - 300	D2	VC0201	1 UJ	1 UJ	9.41 R	17.2 R	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S304	7/21/2000	300 - 400		VC0028	1 UR	1 UR	3.99 R	5.45 R	1 UR	1 UR	1 UR	2.21 J	1 UR	100 UR
S304	7/21/2000	400 - 500		VC0029	1 UR	1 UR	4.41 J	3.59 J	7.08 J	1 UR	1 UR	2.71 R	1 UR	100 UR
S304	7/21/2000	500 - 600		VC0030	1 UR	1 UR	3.21 R	1.11 R	1.74 R	1 UR	1 UR	1 UR	1 UR	100 UR
S304	7/21/2000	600 - 700		VC0031	1 UR	1.07 J	3.14 R	1 UR	1 UR	1 UR	1 UR	1.01 J	1 UR	100 UR
S304	7/21/2000	700 - 727		VC0032	1 UR	1 UR	1.02 J	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	100 UR
S305	8/12/2000	0 - 15		SF0054	1.11 UR	1.11 UR	3.06 J	1.33 J	1.19 R	1.4 J	1.11 UR	1.83 R	1.11 UR	111 UR
S305	8/4/2000	15 - 30		SF0055	1.06 UR	1.06 UR	1.06 UR	1.06 UR	1.06 UR	1.06 UR	1.06 U	1.06 UR	1.06 UR	106 U
S305	7/21/2000	30 - 100		VC0033	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	100 UR

Table B1-17. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Endosulfan I (µg/kg-dw)	Endosulfan II (µg/kg-dw)	Endosulfan sulfate (µg/kg-dw)	Endrin (µg/kg-dw)	Endrin aldehyde (µg/kg-dw)	Endrin ketone (µg/kg-dw)	Heptachlor (µg/kg-dw)	Heptachlor epoxide (µg/kg-dw)	Methoxychlor (µg/kg-dw)	Toxaphene (µg/kg-dw)
S305	7/21/2000	100 - 200		VC0034	1 UR	1 UR	3.48 J	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	100 UR
S305	7/21/2000	200 - 300		VC0035	1 UR	1 UR	12.8 J	5.6 R	1 UR	1.78 R	1 UR	1 UR	1 UR	100 UR
S305	7/21/2000	300 - 400		VC0036	1 UR	1 UR	12.4 R	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	100 UR
S305	7/21/2000	400 - 500		VC0037	1 UR	1 UR	7.38 J	3.5 R	1 UR	1 UR	1 UR	2.22 J	1 UR	100 UR
S305	7/21/2000	500 - 600		VC0038	1 UJ	1 UJ	2.53 R	3.28 J	3.15 J	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S305	7/21/2000	600 - 635		VC0211	1 UJ	1 UJ	3.13 J	1.74 R	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S305	7/21/2000	635 - 692		VC0039	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S305	7/21/2000	692 - 737		VC0040	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S306	7/21/2000	0 - 15		VC0212	1 UJ	1 UJ	1 UJ	1.47 R	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S306	7/21/2000	15 - 30		VC0213	1 UJ	1 UJ	1.15 J	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S306	7/21/2000	30 - 100		VC0041	1 UJ	1 UJ	1 UJ	1 UJ	2.01 J	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S306	7/21/2000	100 - 200		VC0042	1 UJ	1 UJ	1 UJ	1 UJ	3.27 J	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S306	7/21/2000	200 - 300		VC0043	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S306	7/21/2000	300 - 400		VC0044	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S306	7/21/2000	400 - 500		VC0045	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S306	7/21/2000	500 - 600	D1	VC0046	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S306	7/21/2000	500 - 600	D2	VC0199	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S306	7/21/2000	600 - 700		VC0047	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S306	7/21/2000	700 - 732		VC0048	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S307	7/18/2000	0 - 15		VC0196	1 UJ	1 UJ	5.15 J	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S307	7/18/2000	15 - 30		VC0197	1 UJ	1 UJ	2.96 R	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S307	7/18/2000	30 - 100		VC0049	1 U	1 UJ	1 UR	1 U	1 U	1 UJ	1 U	1 U	1 U	100 U
S307	7/18/2000	100 - 200		VC0050	1 U	1 UJ	1 UR	1 U	1 U	1 UJ	1 U	1 U	1 U	100 U
S307	7/18/2000	200 - 300		VC0051	1 U	1 UJ	1 UR	1 U	1 U	1 UJ	1 U	1 U	1 U	100 U
S307	7/18/2000	300 - 400		VC0052	1 U	1 UJ	1 UR	1 U	1 U	1 UJ	1 U	1 U	1 U	100 U
S307	7/18/2000	400 - 500		VC0053	1 U	1 UJ	1 UR	1 U	1 U	1 UJ	1 U	1 U	1 U	100 U
S307	7/18/2000	500 - 600		VC0054	1 U	1 UJ	1 UR	1 U	1 U	1 UJ	1 U	1 U	1 U	100 U
S308	8/10/2000	0 - 15		SF0060	1.08 UJ	1.08 UJ	1.08 UR	1.08 U	1.08 UJ	1.08 UJ	1.08 U	2.26 J	1.08 UJ	108 UJ
S308	8/10/2000	15 - 30		SF0061	1.06 UJ	1.06 UJ	1.06 UR	1.06 U	1.06 UJ	1.06 UJ	1.06 U	1.33 J	1.06 UJ	106 UJ
S308	7/18/2000	30 - 100	D1	VC0057	1 UJ	1 UJ	7.73 J	1 UJ	1 UJ	1 UJ	1 UJ	17 J	1 UJ	100 UJ
S308	7/18/2000	30 - 100	D2	VC0191	3 R	1 UJ	1.67 J	1 UJ	1 UJ	1 UJ	3.2 J	1 UJ	1 UJ	100 UJ
S308	7/18/2000	100 - 200		VC0058	1 U	1 UJ	3.61 J	1 U	1 U	1 UJ	7.41	1 U	1 U	100 J
S308	7/18/2000	200 - 259		VC0059	1 U	1 UJ	1.87 J	1 U	1 U	1.55 R	1 U	1 U	1 U	100 J
S308	7/18/2000	259 - 359		VC0060	1 U	1 UJ	1 UR	1 U	1 U	1 UJ	1 U	1 U	1 U	100 U
S308	7/18/2000	359 - 459		VC0061	1 U	1 UJ	1 UR	1 U	1 U	1 UJ	1 U	1 U	1 U	100 UJ
S308	7/18/2000	459 - 559		VC0062	1 U	1 UJ	1 UR	1 U	1 U	1 UJ	1 U	1 U	1 U	100 UJ
S308	7/18/2000	559 - 593		VC0063	1 U	1 UJ	1 UR	1 U	1 U	1 UJ	1 U	1 U	1 U	100 UJ
S309	8/14/2000	0 - 15		SF0062	5.94 J	1.04 UR	4.35 R	1.04 UJ	1.04 UJ	1.04 UJ	1.04 U	14.5 J	4.03 J	104 UJ
S309	8/14/2000	15 - 30		SF0063	9.05 J	1.07 UR	22.6 R	1.07 UJ	1.07 UJ	1.07 UJ	1.07 U	19.6 J	12 J	107 UJ
S309	7/20/2000	30 - 74		VC0087	1 UR	1 UR	6.2 J	1 UR	1 UR	1 UR	1 UR	7.79 J	1 UR	100 UR

Table B1-17. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Endosulfan I (µg/kg-dw)	Endosulfan II (µg/kg-dw)	Endosulfan sulfate (µg/kg-dw)	Endrin (µg/kg-dw)	Endrin aldehyde (µg/kg-dw)	Endrin ketone (µg/kg-dw)	Heptachlor (µg/kg-dw)	Heptachlor epoxide (µg/kg-dw)	Methoxychlor (µg/kg-dw)	Toxaphene (µg/kg-dw)
S309	7/20/2000	74 - 174		VC0065	5.55 J	1 UJ	1.61 R	1 UJ	1 UJ	1 UJ	18.3 J	1 UJ	10.1 J	100 UJ
S309	7/20/2000	174 - 274	D1	VC0066	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S309	7/20/2000	174 - 274	D2	VC0192	1 UR	1.33 R	1 UR	1 UR	1 UR	1.17 R	1 UR	2.77 J	13.1 J	100 UR
S309	7/20/2000	274 - 374		VC0067	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S309	7/20/2000	374 - 474		VC0068	1 UJ	1 UJ	5.94 J	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	9.84 J	100 UJ
S309	7/20/2000	474 - 578		VC0069	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	8.68 UJ	100 UJ
S309	7/20/2000	578 - 627		VC0070	1 UJ	1 UJ	6.36 J	2.11 R	11.2 J	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S309	7/20/2000	627 - 674		VC0071	1 UJ	1 UR	1 UR	1 UJ	1 UR	1 UJ	1 UJ	1 UR	1 UR	100 UJ
S309	7/20/2000	674 - 696		VC0072	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1.15 R	1 UJ	1 UJ	17.3 J	100 UJ
S309	7/20/2000	696 - 730		VC0209	1 UR	1 UR	1.78 R	1 UR	1 UR	1 UR	1 UR	1 UR	9.12 R	100 UR
S309	7/20/2000	730 - 789		VC0210	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	100 UR
S310	8/14/2000	0 - 15		SF0064	1.06 UJ	1.06 UR	2.18 R	1.06 UJ	1.06 UJ	1.06 UJ	1.06 U	5.99 J	1.06 UJ	106 UJ
S310	8/14/2000	15 - 30		SF0065	1.14 R	1.08 UR	1.08 UR	1.24 J	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UJ	1.08 UJ	108 UJ
S310	7/20/2000	30 - 100		VC0073	4.46 J	1 UJ	11.5 J	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S310	7/20/2000	100 - 200		VC0074	1 UJ	1 UJ	1.57 J	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S310	7/20/2000	200 - 300		VC0075	1 UR	1 UR	1 UR	1 UR	3.56 J	1 UR	1 UR	1 UR	1 UR	100 UR
S310	7/20/2000	300 - 400	D1	VC0076	1 UR	1 UR	1.55 R	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	100 UR
S310	7/20/2000	300 - 400	D2	VC0186	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	4.54 J	1 UR	1 UR	100 UR
S310	7/20/2000	400 - 500		VC0077	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	100 UR
S310	7/20/2000	500 - 600		VC0078	1 UR	1.37 J	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	100 UR
S310	7/20/2000	600 - 653		VC0079	1.28 J	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	100 UR
S310	7/20/2000	653 - 724		VC0080	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	55.7 J	1 UR	1 UR	100 UR
S311	7/20/2000	0 - 15		VC0207	1 UR	1 UR	1.34 R	2.53 J	1 UR	1 UR	1.72 J	1 UR	1 UR	100 UR
S311	7/20/2000	15 - 30		VC0208	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	2.84 J	1 UR	100 UR
S311	7/20/2000	30 - 100		VC0081	1 UR	1 UR	1 UR	1 UR	1 UR	4.07 J	1 UR	1 UR	1 UR	100 UR
S311	7/20/2000	100 - 200		VC0082	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	100 UR
S311	7/20/2000	200 - 300		VC0083	1 UR	4.11 J	6.08 J	1 UR	1 UR	5.04 J	1 UR	4.05 R	11.1 J	100 UR
S311	7/20/2000	300 - 400		VC0084	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	100 UR
S311	7/20/2000	400 - 500		VC0085	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	100 UR
S311	7/20/2000	500 - 600		VC0086	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	100 UR
S312	8/14/2000	0 - 15		SF0068	3.64 J	1.08 UR	1.08 UR	1.08 UJ	1.08 UJ	1.08 UJ	1.08 U	8 J	1.08 UJ	108 UJ
S312	8/14/2000	15 - 30		SF0069	4.22 J	1.07 UR	1.07 UR	1.07 UJ	1.07 UJ	1.07 UJ	1.07 U	1.07 UJ	1.07 UJ	107 UJ
S312	7/20/2000	30 - 100		VC0089	1.97 J	1 UR	1 UR	1 UR	1 UR	1 UR	2.51 J	1 UR	1 UR	100 UR
S312	7/20/2000	100 - 200		VC0090	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	100 UR
S312	7/20/2000	200 - 300	D1	VC0091	3.43 J	2.23 J	4.95 J	1 UR	1 UR	1 UR	13.2 J	1 UR	1 UR	100 UR
S312	7/20/2000	200 - 300	D2	VC0193	2.95 J	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	100 UR
S312	7/20/2000	300 - 400		VC0092	1.52 J	1.57 J	1.52 R	1 UR	1 UR	1 UR	1 UR	3.61 J	1 UR	100 UR
S312	7/20/2000	400 - 500		VC0093	1 UR	1 UR	3.19 J	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	100 UR
S312	7/20/2000	500 - 600		VC0094	1.73 J	1 UR	3.09 J	2.44 J	1 UR	1 UR	1 UR	5.5 J	1 UR	100 UR
S312	7/20/2000	600 - 700		VC0095	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1.95 R	100 UR

Table B1-17. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Endosulfan I (µg/kg-dw)	Endosulfan II (µg/kg-dw)	Endosulfan sulfate (µg/kg-dw)	Endrin (µg/kg-dw)	Endrin aldehyde (µg/kg-dw)	Endrin ketone (µg/kg-dw)	Heptachlor (µg/kg-dw)	Heptachlor epoxide (µg/kg-dw)	Methoxychlor (µg/kg-dw)	Toxaphene (µg/kg-dw)
S313	7/18/2000	0 - 15		VC0187	1 UJ	1 UJ	31.4 J	8.4 J	1 UJ	49 J	1 UJ	37.7 J	1 UJ	100 UJ
S313	7/18/2000	15 - 30		VC0188	1 UJ	1 UJ	19.8 R	6.14 J	1 UJ	1 UJ	1 UJ	18.5 J	1 UJ	100 UJ
S313	7/18/2000	30 - 100	D1	VC0097	1 U	1 UJ	1 UR	1 U	1 U	1 UJ	14.4 J	16.8	1 U	100 UJ
S313	7/18/2000	30 - 100	D2	VC0194	16.6 R	1 UJ	5.63 R	1 UJ	1 UJ	10.2 J	8.79 J	15.2 J	1 UJ	100 UJ
S313	7/18/2000	100 - 200		VC0098	1 UJ	1 UJ	18.4 J	1.94 R	5.42 R	2.56 R	11.5 J	14 J	1 UJ	100 UJ
S313	7/18/2000	200 - 300		VC0099	1 UJ	1 UJ	2.35 R	1 UJ	4.22 J	5.29 J	1 UJ	1 UJ	1 UJ	100 UJ
S313	7/18/2000	300 - 400		VC0100	1 UJ	1 UJ	4.65 R	1 UJ	1 UJ	1 UJ	1 UJ	3.98 R	1 UJ	100 UJ
S313	7/18/2000	400 - 500		VC0101	1 UJ	1 UJ	3.23 J	1 UJ	1 UJ	5.65 J	1 UJ	1.21 R	1 UJ	100 UJ
S313	7/18/2000	500 - 600		VC0102	1 UJ	1 UJ	1.32 J	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S313	7/18/2000	600 - 700		VC0103	1 UJ	1 UJ	3.04 J	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S313	7/18/2000	700 - 800		VC0104	1 UJ	1 UJ	1.46 J	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S314	8/10/2000	0 - 15		SF0072	1.08 UJ	1.08 UJ	5.97 R	1.08 U	1.08 UJ	1.08 UJ	1.08 U	51.9 J	1.08 UJ	108 U
S314	8/10/2000	15 - 30		SF0073	1.09 UJ	1.09 UJ	24.4 R	1.09 U	7.43 R	1.09 UJ	4.6 R	24.5 R	7.68 J	109 U
S314	7/19/2000	30 - 100	D1	VC0105	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	31.8 J	1 UJ	100 UJ
S314	7/19/2000	30 - 100	D2	VC0200	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	26.8 J	1 UJ	100 UJ
S314	7/19/2000	100 - 200		VC0106	8.91 R	1 UJ	11.6 J	1 UJ	1 UJ	1 UJ	1 UJ	12.5 J	2.89 J	100 UJ
S314	7/19/2000	200 - 300		VC0107	1 UJ	6.37 R	6.45 R	6.47 R	1 UJ	1 UJ	1 UJ	17.7 J	97.8 J	100 UJ
S314	7/19/2000	300 - 400		VC0108	1 UJ	1 UJ	33.3 J	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S314	7/19/2000	400 - 500		VC0109	1 UJ	1 UJ	3.08 R	1.42 R	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S314	7/19/2000	500 - 600		VC0110	1 UJ	1 UJ	5.72 J	2.58 J	1 UJ	5.44 J	1 UJ	1 UJ	1 UJ	100 UJ
S314	7/19/2000	600 - 700		VC0111	1 UJ	1 UJ	2.14 R	1 UJ	1 UJ	1.06 J	1 UJ	1 UJ	1 UJ	100 UJ
S314	7/19/2000	700 - 800		VC0112	1 UJ	1 UJ	1.03 R	1 UJ	1 UJ	1 UJ	1 UJ	1.1 J	1 UJ	100 UJ
S315	8/11/2000	0 - 15		SF0074	1.07 UJ	1.07 UJ	1.07 UR	1.07 UJ	1.07 UJ	1.07 UJ	1.07 U	2.71 J	1.07 UJ	107 UJ
S315	8/14/2000	15 - 30		SF0075	1.06 UR	1.06 UR	1.06 UR	1.06 UR	2.02 J	1.06 UR	1.06 UR	2.93 R	1.06 UR	106 UR
S315	7/19/2000	30 - 100		VC0113	1 UR	1 UR	4.24 J	1 UR	1 UR	1 UR	1 UR	2.43 J	1 UR	100 UR
S315	7/19/2000	100 - 200		VC0114	5.75 J	1 UR	7.62 J	1 UR	1 UR	2.34 R	1 UR	35.2 J	1 UR	100 UR
S315	7/19/2000	200 - 300		VC0115	1 UJ	1 UJ	3.76 R	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S315	7/19/2000	300 - 400		VC0116	1 UJ	1 UJ	2.68 J	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S315	7/19/2000	400 - 500		VC0117	1 UJ	1 UJ	1.57 R	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S315	7/19/2000	500 - 600		VC0118	1 UJ	1 UJ	1.45 R	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S315	7/19/2000	600 - 673		VC0119	1 UJ	1 UJ	1.01 R	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S315	7/19/2000	673 - 767		VC0120	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S316	8/10/2000	0 - 15		SF0076	1.09 UJ	1.09 UJ	1.09 UJ	1.09 U	1.09 UJ	1.5 R	1.09 U	1.09 U	1.09 UJ	109 U
S316	8/10/2000	15 - 30		SF0077	1.08 UJ	1.08 UJ	1.08 UJ	1.08 U	1.08 UJ	1.08 UJ	1.08 U	1.08 U	1.08 UJ	108 UJ
S316	7/15/2000	30 - 102		VC0121	1 U	1 UJ	1 UR	1 U	1 U	1 U	1 U	1 U	1 U	100 U
S316	7/15/2000	102 - 201		VC0122	1 U	1 UJ	1 UR	1 U	1 U	1 U	1 U	1 U	1 U	100 U
S316	7/15/2000	201 - 300		VC0123	1 U	1 UJ	1 UR	1 U	1 U	1 U	1 U	1 U	1 U	100 U
S316	7/15/2000	300 - 400		VC0124	1 U	1 UJ	1 UR	1 U	1 U	1 U	1 U	1 U	1 U	100 U
S316	7/15/2000	400 - 500		VC0125	1 U	1 UJ	1 UR	1 U	1 U	1 U	1 U	1 U	1 U	100 U
S316	7/15/2000	500 - 600		VC0126	1 U	1 UJ	1 UR	1 U	1 U	1 U	1 U	1 U	1 U	100 U

Table B1-17. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Endosulfan I (µg/kg-dw)	Endosulfan II (µg/kg-dw)	Endosulfan sulfate (µg/kg-dw)	Endrin (µg/kg-dw)	Endrin aldehyde (µg/kg-dw)	Endrin ketone (µg/kg-dw)	Heptachlor (µg/kg-dw)	Heptachlor epoxide (µg/kg-dw)	Methoxychlor (µg/kg-dw)	Toxaphene (µg/kg-dw)
S316	7/15/2000	600 - 700		VC0127	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S316	7/15/2000	700 - 800		VC0128	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S317	8/11/2000	0 - 15		SF0078	1.07 UJ	1.07 UJ	1.07 UR	1.07 UJ	2.62 J	3.07 J	1.07 U	1.07 U	1.07 UJ	107 UJ
S317	8/4/2000	15 - 30		SF0079	1.83 J	1.09 UR	1.09 UR	1.09 UR	1.09 UR	1.09 UR	1.09 U	1.09 UR	1.09 UR	109 U
S317	7/15/2000	30 - 100		VC0129	1 UJ	1 UJ	14.3 J	6.31 R	1 UJ	5.88 J	1 UJ	53.7 J	1 UJ	100 UJ
S317	7/15/2000	100 - 200		VC0130	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	9.25 J	1 UJ	100 UJ
S317	7/15/2000	200 - 300		VC0131	1 UJ	1 UJ	1 R	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S317	7/15/2000	300 - 400		VC0132	1 UJ	1 UJ	1 R	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S317	7/15/2000	400 - 500		VC0133	1 UJ	1 UJ	3 J	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S317	7/15/2000	500 - 600		VC0134	1 UJ	1 UJ	2 J	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S317	7/15/2000	600 - 700		VC0135	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S318	7/14/2000	0 - 15		VC0189	1 U	1 UJ	1 UR	1 U	1.77	1.44 J	1 U	2.44 J	1 U	100 U
S318	7/14/2000	15 - 30		VC0190	1 U	1 UJ	1 UR	1 U	1 U	1 U	1 U	1 U	1 U	100 U
S318	7/14/2000	30 - 100		VC0137	1 U	1 UJ	1.24 R	1 U	1 U	1 U	1 U	1.86	1 UJ	100 U
S318	7/14/2000	100 - 200		VC0138	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
S318	7/14/2000	200 - 300		VC0139	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
S318	7/14/2000	300 - 400		VC0140	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	100 U
S318	7/14/2000	400 - 500		VC0141	1 U	1 U	1.71 R	1 U	1 U	1 U	1 U	1 U	1 U	100 U
S318	7/14/2000	500 - 600		VC0142	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	100 U
S318	7/14/2000	600 - 700		VC0143	1.06 U	1.06 U	1.06 UJ	1.06 U	1.06 U	1.06 U	1.06 U	1.06 U	1.06 U	106 U
S318	7/14/2000	700 - 800		VC0144	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	100 U
S319	8/4/2000	0 - 15		SF0082	1.09 UR	1.09 UR	1.09 UR	1.12 J	1.09 UR	1.09 UR	1.09 U	1.09 UR	1.09 UR	109 U
S319	8/4/2000	15 - 30		SF0083	1.06 UR	1.06 UR	1.06 UR	1.06 UR	1.06 UR	1.06 UR	1.06 U	1.06 UR	1.06 UR	106 U
S319	7/14/2000	30 - 100		VC0145	5.69 J	1 U	3.02 J	1 U	1 U	1 U	1 UR	1 UR	1 U	100 U
S319	7/14/2000	100 - 200		VC0146	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	100 UR
S319	7/14/2000	200 - 300		VC0147	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S319	7/14/2000	300 - 400		VC0148	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	100 U
S319	7/14/2000	400 - 500		VC0149	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1.89 R	1 U	100 U
S319	7/14/2000	500 - 600		VC0150	1 U	1 UJ	1 UR	1 U	1 U	1 U	1 U	1 U	1 U	100 U
S319	7/14/2000	600 - 700		VC0151	1 U	1 UJ	1 UR	1 U	1 U	1 U	1 U	1 U	1 U	100 U
S319	7/14/2000	700 - 800		VC0152	1 U	1 UJ	1 UR	1 U	1 U	1 UJ	1 U	1 U	1 U	100 U
S320	8/13/2000	0 - 15		SF0084	1.07 UJ	1.07 UR	1.07 UR	1.07 UJ	1.07 UJ	1.07 UJ	1.07 UJ	1.07 UJ	1.07 UJ	107 UJ
S320	8/14/2000	15 - 30		SF0085	1.07 UJ	1.07 UR	1.07 UR	1.07 UJ	1.07 UJ	1.07 UJ	1.07 UJ	3.88 J	1.07 UJ	107 UJ
S320	7/13/2000	30 - 100		VC0153	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S320	7/13/2000	100 - 200		VC0154	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	4.74 J	1 UJ	1 UJ	1 UJ	1 UJ
S320	7/13/2000	200 - 300		VC0155	1 UJ	1 UJ	4.61 R	2.51 R	1 UJ	3.45 J	1 UJ	2.07 R	1 UJ	100 UJ
S320	7/13/2000	300 - 400		VC0156	1 UJ	1.61 R	5.88 R	1 UJ	1 UJ	1 UJ	1 UJ	4.8 R	1 UJ	100 UJ
S320	7/13/2000	400 - 500		VC0157	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S320	7/13/2000	500 - 600		VC0158	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S320	7/13/2000	600 - 700		VC0159	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ

Table B1-17. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Endosulfan I (µg/kg-dw)	Endosulfan II (µg/kg-dw)	Endosulfan sulfate (µg/kg-dw)	Endrin (µg/kg-dw)	Endrin aldehyde (µg/kg-dw)	Endrin ketone (µg/kg-dw)	Heptachlor (µg/kg-dw)	Heptachlor epoxide (µg/kg-dw)	Methoxychlor (µg/kg-dw)	Toxaphene (µg/kg-dw)
S321	8/4/2000	0 - 15		SF0086	1.07 UR	1.07 UR	1.07 UR	1.07 UR	1.07 UR	1.07 UR	1.07 U	1.07 U	1.07 UR	107 U
S321	8/4/2000	15 - 30		SF0087	1.07 UR	1.07 UR	1.07 UR	1.07 UR	1.07 UR	1.07 UR	1.07 U	1.07 U	1.07 UR	107 U
S321	7/13/2000	30 - 100		VC0161	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S321	7/13/2000	100 - 200		VC0162	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S321	7/13/2000	200 - 300		VC0163	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S321	7/13/2000	300 - 400		VC0164	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S321	7/13/2000	400 - 500		VC0165	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S321	7/13/2000	500 - 560		VC0166	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S321	7/13/2000	560 - 600		VC0167B	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S321	7/13/2000	600 - 700		VC0167	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S321	7/13/2000	700 - 800		VC0168	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	100 UJ
S322	8/10/2000	0 - 15		SF0088	1.05 U	1.05 UJ	1.05 UJ	1.05 U	1.05 UJ	1.05 UJ	1.05 U	1.05 U	1.05 UJ	105 UJ
S322	8/10/2000	15 - 30		SF0089	1.09 U	1.09 UJ	1.09 UJ	1.12 J	1.09 UJ	1.09 UJ	1.09 U	1.09 U	1.09 UJ	109 UJ
S322	7/13/2000	30 - 100		VC0169	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	32.1 J	1 UJ	100 UJ
S322	7/13/2000	100 - 200		VC0170	1.02 U	1.02 UJ	1.02 UJ	1.02 U	1.02 U	1.02 UJ	1.02 U	1.02 U	1.02 UJ	1.02 UJ
S322	7/13/2000	200 - 300		VC0171	1 U	1 UJ	1 UJ	1 U	1 U	1 UJ	1 U	1 U	1 UJ	1 UJ
S322	7/13/2000	300 - 400		VC0172	1.01 U	1.01 UJ	1.01 UJ	1.01 U	1.01 UJ	1.01 UJ	1.01 U	1.01 U	1.01 UJ	1.01 UJ
S322	7/13/2000	400 - 500	D1	VC0173	1 U	1 UJ	1 UR	1 U	1 U	1 UJ	1 U	1 U	1 UJ	1 UJ
S322	7/13/2000	400 - 500	D2	VC0185	1 U	1 UJ	1 UR	1 U	1 U	1 UJ	1 U	1 U	1 UJ	1 UJ
S322	7/13/2000	500 - 600		VC0174	1 U	1 UJ	1 UR	1 U	1 U	1 UJ	1 U	1 U	1 UJ	1 UJ
S322	7/13/2000	600 - 700		VC0175	1 U	1 UJ	1 UR	1 U	1 U	1 UJ	1 U	1 U	1 UJ	1 UJ
S322	7/13/2000	700 - 800		VC0176	1 U	1 UJ	1 UR	1 U	1 U	1 UJ	1 U	1 U	1 UJ	1 UJ
S323	8/13/2000	0 - 15		SF0090	1.06 UJ	1.06 UR	1.06 UR	1.06 UJ	1.06 UJ	1.06 UJ	1.06 U	12.5 J	1.06 UJ	106 UJ
S323	8/4/2000	15 - 30		SF0091	1.08 UR	1.08 UR	1.08 UR	1.07 J	1.08 UR	1.08 UR	1.08 UJ	1.08 UJ	1.08 UR	108 U
S323	7/12/2000	30 - 100		VC0177	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	13.1 J	1 UJ	1 UJ
S323	7/12/2000	100 - 200		VC0178	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	3.86 J	1 UJ	1 UJ	1 UJ	1 UJ
S323	7/12/2000	200 - 300		VC0179	1 UJ	1 UJ	1 UR	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S323	7/12/2000	300 - 400		VC0180	1 UJ	1 UJ	4.1 R	1 UJ	2 J	2.03 J	1 UJ	1 UJ	1 UJ	1 UJ
S323	7/12/2000	400 - 500		VC0181	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S323	7/12/2000	500 - 600		VC0182	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S323	7/12/2000	600 - 700		VC0183	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
S323	7/12/2000	700 - 800		VC0184	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ

Table B1-18. PCBs in 8-m Cores

Station	Date	Depth (cm)	Duplicate	Sample Number	Aroclor 1016 (µg/kg-dw)	Aroclor 1221 (µg/kg-dw)	Aroclor 1232 (µg/kg-dw)	Aroclor 1242 (µg/kg-dw)	Aroclor 1248 (µg/kg-dw)	Aroclor 1254 (µg/kg-dw)	Aroclor 1260 (µg/kg-dw)	Aroclor 1268 (µg/kg-dw)
S301	7/22/2000	0 - 15		VC0215	52.4 U	52.4 U	52.4 U	119 J	52.4 U	88.6 J	57 J	25.1 J
S301	7/22/2000	15 - 30		VC0024	50 U	50 U	50 U	292 J	50 U	156 J	61.8 J	29.8 J
S301	7/22/2000	30 - 56		VC0001	66.7 U	66.7 U	66.7 U	106 J	66.7 U	154 J	71.2 J	376
S301	7/22/2000	56 - 156	D1	VC0002	50 U	50 U	50 U	141 J	50 U	97.7 J	41.9 J	48.5 J
S301	7/22/2000	56 - 156	D2	VC0195	52.4 U	52.4 U	52.4 U	199 J	52.4 U	155 J	69.9 J	86.5
S301	7/22/2000	156 - 256		VC0003	50 U	50 U	50 U	161 J	50 U	112 J	33.1 J	94.9
S301	7/22/2000	256 - 356		VC0004	50 U	50 U	50 U	130 J	50 U	87.4 J	18.5 J	17.1 J
S301	7/22/2000	356 - 437		VC0005	50 U	50 U	50 U	50 U	50 U	17.1 J	50 U	50 U
S301	7/22/2000	437 - 537		VC0006	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S301	7/22/2000	537 - 637		VC0007	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S301	7/22/2000	637 - 730		VC0008	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S302	8/12/2000	0 - 15		SF0048	54.2 U	54.2 U	54.2 U	16.9 J	54.2 U	24.7 J	33.4 J	54.2 U
S302	8/14/2000	15 - 30		SF0049	53.7 U	53.7 U	53.7 U	53.7 U	53.7 U	12 UJ	53.7 U	53.7 U
S302	7/22/2000	30 - 59		VC0009	100 U	100 U	100 U	100 U	100 U	100 U	123	100 U
S302	7/22/2000	59 - 159		VC0010	50 U	50 U	50 U	82.1 J	50 U	61.9 J	30.6 J	50 U
S302	7/22/2000	159 - 259		VC0011	50 U	50 U	50 U	266 J	50 U	151 J	49.5 J	36.1 J
S302	7/22/2000	259 - 359		VC0012	200 U	200 U	200 U	220 J	200 U	131 J	56 J	126
S302	7/22/2000	359 - 459		VC0013	50 U	50 U	50 U	50 U	50 U	44.9 J	12.2 J	50 U
S302	7/22/2000	459 - 559		VC0014	50 U	50 U	50 U	50 U	50 U	24.4 J	13.5 J	50 U
S302	7/22/2000	559 - 659		VC0015	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S302	7/22/2000	659 - 761		VC0016	50 U	50 U	50 U	162 J	50 U	15.5 J	50 U	50 U
S303	8/12/2000	0 - 15		SF0038	54.3 UJ	54.3 UJ	54.3 UJ	54.3 UJ	54.3 UJ	25 J	33.2 J	54.3 UJ
S303	7/22/2000	15 - 30		VC0214	51.3 U	51.3 U	51.3 U	131 J	51.3 U	88.8 J	32.5 J	51.3 U
S303	7/22/2000	30 - 100		VC0017	50 U	50 U	50 U	320 J	50 U	275 J	95.8 J	20.4 J
S303	7/22/2000	100 - 200		VC0018	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S303	7/22/2000	200 - 300		VC0019	50 U	50 U	50 U	14.5 J	50 U	50 U	50 U	50 U
S303	7/22/2000	300 - 400	D1	VC0020	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S303	7/22/2000	300 - 400	D2	VC0198	51.5 U	51.5 U	51.5 U	51.5 U	51.5 U	51.5 U	51.5 U	51.5 U
S303	7/22/2000	400 - 500		VC0021	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S303	7/22/2000	500 - 600		VC0022	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S303	7/22/2000	600 - 618		VC0023	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S304	8/9/2000	0 - 15		SF0052	52.9 U	52.9 U	52.9 U	16.1 J	52.9 U	10.8 J	52.9 U	52.9 U
S304	8/9/2000	15 - 30		SF0053	50.1 U	50.1 U	50.1 U	85.7 J	50.1 U	92.2 J	50.1 U	58 J
S304	7/21/2000	30 - 100		VC0025	500 U	500 U	500 U	165 J	500 U	500 U	500 U	500 U
S304	7/21/2000	100 - 200		VC0026	500 U	500 U	500 U	443 J	500 U	500 U	500 U	237 J
S304	7/21/2000	200 - 300	D1	VC0027	500 U	500 U	500 U	208 J	500 U	103 J	500 U	500 U
S304	7/21/2000	200 - 300	D2	VC0201	250 U	250 U	250 U	168 J	250 U	104 J	250 U	141 J
S304	7/21/2000	300 - 400		VC0028	150 U	150 U	150 U	124 J	150 U	68 J	150 U	183 J
S304	7/21/2000	400 - 500		VC0029	50 U	50 U	50 U	50 U	50 U	64.2 J	50 U	50 U
S304	7/21/2000	500 - 600		VC0030	50 U	50 U	50 U	50 U	50 U	36.9 J	50 U	50 U
S304	7/21/2000	600 - 700		VC0031	50 U	50 U	50 U	50 U	50 U	32.9 J	23.4 J	50 U
S304	7/21/2000	700 - 727		VC0032	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U

Table B1-18. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Aroclor 1016 (µg/kg-dw)	Aroclor 1221 (µg/kg-dw)	Aroclor 1232 (µg/kg-dw)	Aroclor 1242 (µg/kg-dw)	Aroclor 1248 (µg/kg-dw)	Aroclor 1254 (µg/kg-dw)	Aroclor 1260 (µg/kg-dw)	Aroclor 1268 (µg/kg-dw)
S305	8/12/2000	0 - 15		SF0054	54.6 U	54.6 U	54.6 U	54.6 U	54.6 U	19 J	13.8 J	54.6 U
S305	8/4/2000	15 - 30		SF0055	53.1 U	53.1 U	53.1 U	53.1 U	53.1 U	17.5 J	17.7 J	53.1 U
S305	7/21/2000	30 - 100		VC0033	50 U	50 U	50 U	24.8 J	50 U	20.1 J	12.7 J	50 U
S305	7/21/2000	100 - 200		VC0034	50 U	50 U	50 U	125 J	50 U	47.9 J	50 U	13.5 J
S305	7/21/2000	200 - 300		VC0035	50 U	50 U	50 U	198 J	50 U	96.8 J	50 U	68.1 J
S305	7/21/2000	300 - 400		VC0036	150 U	150 U	150 U	125 J	150 U	135 J	150 U	1260
S305	7/21/2000	400 - 500		VC0037	150 U	150 U	150 U	122 J	150 U	67.8 J	150 U	355
S305	7/21/2000	500 - 600		VC0038	50 U	50 U	50 U	50 U	50 U	13.1 J	50 U	50 U
S305	7/21/2000	600 - 635		VC0211	50 U	50 U	50 U	50 U	50 U	11.5 J	11.4 J	50 U
S305	7/21/2000	635 - 692		VC0039	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S305	7/21/2000	692 - 737		VC0040	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S306	7/21/2000	0 - 15		VC0212	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S306	7/21/2000	15 - 30		VC0213	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S306	7/21/2000	30 - 100		VC0041	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S306	7/21/2000	100 - 200		VC0042	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S306	7/21/2000	200 - 300		VC0043	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S306	7/21/2000	300 - 400		VC0044	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S306	7/21/2000	400 - 500		VC0045	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S306	7/21/2000	500 - 600	D1	VC0046	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S306	7/21/2000	500 - 600	D2	VC0199	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S306	7/21/2000	600 - 700		VC0047	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ
S306	7/21/2000	700 - 732		VC0048	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S307	7/18/2000	0 - 15		VC0196	150 U	150 U	150 U	150 U	150 U	124 J	150 U	150 U
S307	7/18/2000	15 - 30		VC0197	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S307	7/18/2000	30 - 100		VC0049	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S307	7/18/2000	100 - 200		VC0050	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S307	7/18/2000	200 - 300		VC0051	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S307	7/18/2000	300 - 400		VC0052	50 U	50 U	50 U	14.7 J	50 U	50 U	50 U	50 U
S307	7/18/2000	400 - 500		VC0053	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S307	7/18/2000	500 - 600		VC0054	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S308	8/10/2000	0 - 15		SF0060	54.1 U	54.1 U	54.1 U	65.3 J	54.1 U	48.8 J	33.3 J	54.1 U
S308	8/10/2000	15 - 30		SF0061	53.2 U	53.2 U	53.2 U	64.9 J	53.2 U	61.6 J	27.3 J	53.2 U
S308	7/18/2000	30 - 100	D1	VC0057	200 U	200 U	200 U	660 J	200 U	576 J	199 J	200 U
S308	7/18/2000	30 - 100	D2	VC0191	500 U	500 U	500 U	915 J	500 U	829 J	277 J	500 U
S308	7/18/2000	100 - 200		VC0058	250 U	250 U	250 U	608 J	250 U	66.1 J	250 U	250 U
S308	7/18/2000	200 - 259		VC0059	250 U	250 U	250 U	248 J	250 U	250 U	250 U	250 U
S308	7/18/2000	259 - 359		VC0060	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U
S308	7/18/2000	359 - 459		VC0061	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S308	7/18/2000	459 - 559		VC0062	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S308	7/18/2000	559 - 593		VC0063	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S309	8/14/2000	0 - 15		SF0062	53.1 U	1550 J	53.1 U	898 J	53.1 U	340 J	443 J	53.1 U
S309	8/14/2000	15 - 30		SF0063	53.5 U	2390 J	53.5 U	929 J	53.5 U	466 J	878 J	53.5 U
S309	7/20/2000	30 - 74		VC0087	500 U	500 U	500 U	500 U	500 U	500 U	138 J	500 U

Table B1-18. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Aroclor 1016 (µg/kg-dw)	Aroclor 1221 (µg/kg-dw)	Aroclor 1232 (µg/kg-dw)	Aroclor 1242 (µg/kg-dw)	Aroclor 1248 (µg/kg-dw)	Aroclor 1254 (µg/kg-dw)	Aroclor 1260 (µg/kg-dw)	Aroclor 1268 (µg/kg-dw)
S309	7/20/2000	74 - 174		VC0065	250 U	250 U	250 U	226 J	250 U	250 U	250 U	250 U
S309	7/20/2000	174 - 274	D1	VC0066	100 U	100 U	100 U	45.8 J	100 U	100 U	100 U	100 U
S309	7/20/2000	174 - 274	D2	VC0192	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U
S309	7/20/2000	274 - 374		VC0067	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S309	7/20/2000	374 - 474		VC0068	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S309	7/20/2000	474 - 578		VC0069	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
S309	7/20/2000	578 - 627		VC0070	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S309	7/20/2000	627 - 674		VC0071	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S309	7/20/2000	674 - 696		VC0072	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S309	7/20/2000	696 - 730		VC0209	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U
S309	7/20/2000	730 - 789		VC0210	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U
S310	8/14/2000	0 - 15		SF0064	53.1 U	53.1 U	53.1 U	508 J	53.1 U	171 J	61 UJ	53.1 U
S310	8/14/2000	15 - 30		SF0065	54.1 U	54.1 U	54.1 U	376 J	54.1 U	102 J	58.2 J	54.1 U
S310	7/20/2000	30 - 100		VC0073	50 U	50 U	50 U	1270 J	50 U	50 U	109 J	50 U
S310	7/20/2000	100 - 200		VC0074	50 U	50 U	50 U	110 J	50 U	50 U	31.5 J	50 U
S310	7/20/2000	200 - 300		VC0075	200 U	200 U	200 U	250 J	200 U	200 U	200 U	200 U
S310	7/20/2000	300 - 400	D1	VC0076	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S310	7/20/2000	300 - 400	D2	VC0186	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U
S310	7/20/2000	400 - 500		VC0077	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S310	7/20/2000	500 - 600		VC0078	200 U	200 U	200 U	104 J	200 U	200 U	200 U	200 U
S310	7/20/2000	600 - 653		VC0079	66.7 U	66.7 U	66.7 U	66.7 U	66.7 U	66.7 U	66.7 U	66.7 U
S310	7/20/2000	653 - 724		VC0080	300 U	300 U	300 U	516 J	300 U	300 U	300 U	300 U
S311	7/20/2000	0 - 15		VC0207	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U
S311	7/20/2000	15 - 30		VC0208	500 U	500 U	500 U	189 J	500 U	500 U	500 U	500 U
S311	7/20/2000	30 - 100		VC0081	150 U	150 U	150 U	159 J	150 U	150 U	150 U	150 U
S311	7/20/2000	100 - 200		VC0082	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S311	7/20/2000	200 - 300		VC0083	66.7 U	66.7 U	66.7 U	66.7 U	66.7 U	66.7 U	66.7 U	66.7 U
S311	7/20/2000	300 - 400		VC0084	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S311	7/20/2000	400 - 500		VC0085	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S311	7/20/2000	500 - 600		VC0086	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ
S312	8/14/2000	0 - 15		SF0068	54.2 U	1210 J	54.2 U	542 J	54.2 U	69.7 J	33.2 J	54.2 U
S312	8/14/2000	15 - 30		SF0069	53.4 U	1430 J	53.4 U	692 J	53.4 U	53.4 U	35.9 J	53.4 U
S312	7/20/2000	30 - 100		VC0089	50 U	50 U	50 U	169 J	50 U	50 U	16.2 J	50 U
S312	7/20/2000	100 - 200		VC0090	200 U	200 U	200 U	218 J	200 U	200 U	200 U	200 U
S312	7/20/2000	200 - 300	D1	VC0091	300 U	300 U	300 U	492 J	300 U	300 U	300 U	300 U
S312	7/20/2000	200 - 300	D2	VC0193	500 U	500 U	500 U	181 J	500 U	500 U	500 U	500 U
S312	7/20/2000	300 - 400		VC0092	50 U	50 U	50 U	229 J	50 U	50 U	24 J	50 U
S312	7/20/2000	400 - 500		VC0093	300 U	300 U	300 U	269 J	300 U	300 U	66.7 J	300 U
S312	7/20/2000	500 - 600		VC0094	50 U	50 U	50 U	66 J	50 U	50 U	35 J	50 U
S312	7/20/2000	600 - 700		VC0095	150 U	150 U	150 U	114 J	150 U	150 U	53.7 J	150 U

Table B1-18. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Aroclor 1016 (µg/kg-dw)	Aroclor 1221 (µg/kg-dw)	Aroclor 1232 (µg/kg-dw)	Aroclor 1242 (µg/kg-dw)	Aroclor 1248 (µg/kg-dw)	Aroclor 1254 (µg/kg-dw)	Aroclor 1260 (µg/kg-dw)	Aroclor 1268 (µg/kg-dw)
S313	7/18/2000	0 - 15		VC0187	1500 U	1500 U	1500 U	2190 J	1500 U	1500 U	1020 J	1500 U
S313	7/18/2000	15 - 30		VC0188	1000 U	1000 U	1000 U	958 J	1000 U	1000 U	335 J	1000 U
S313	7/18/2000	30 - 100	D1	VC0097	200 UJ	200 UJ	200 UJ	200 UJ	730 J	480 J	404 J	200 UJ
S313	7/18/2000	30 - 100	D2	VC0194	250 U	250 U	250 U	623 J	250 U	417 J	277 J	250 U
S313	7/18/2000	100 - 200		VC0098	250 U	250 U	250 U	286 J	250 U	250 U	1600 J	250 U
S313	7/18/2000	200 - 300		VC0099	150 U	150 U	150 U	150 U	150 U	150 U	150 U	150 U
S313	7/18/2000	300 - 400		VC0100	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S313	7/18/2000	400 - 500		VC0101	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
S313	7/18/2000	500 - 600		VC0102	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S313	7/18/2000	600 - 700		VC0103	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S313	7/18/2000	700 - 800		VC0104	50 U	50 U	50 U	23.6 J	50 U	50 U	50 U	50 U
S314	8/10/2000	0 - 15		SF0072	1080 U	1080 U	1080 U	9340 J	1080 U	1010 J	686 J	1080 U
S314	8/10/2000	15 - 30		SF0073	545 U	545 U	545 U	2750 J	545 U	345 J	119 J	545 U
S314	7/19/2000	30 - 100	D1	VC0105	1500 U	1500 U	1500 U	5220 J	1500 U	1500 U	874 J	1500 U
S314	7/19/2000	30 - 100	D2	VC0200	500 U	500 U	500 U	1460 J	500 U	500 U	246 J	500 U
S314	7/19/2000	100 - 200		VC0106	300 U	300 U	300 U	1130 J	300 U	300 U	278 J	300 U
S314	7/19/2000	200 - 300		VC0107	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1050 J	1000 U
S314	7/19/2000	300 - 400		VC0108	200 U	200 U	200 U	223 J	200 U	200 U	487 J	200 U
S314	7/19/2000	400 - 500		VC0109	150 U	150 U	150 U	150 U	150 U	78.1 J	150 U	150 U
S314	7/19/2000	500 - 600		VC0110	150 U	150 U	150 U	150 U	150 U	150 U	150 U	150 U
S314	7/19/2000	600 - 700		VC0111	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S314	7/19/2000	700 - 800		VC0112	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S315	8/11/2000	0 - 15		SF0074	53.4 U	53.4 U	53.4 U	73.2 J	53.4 U	64.1 J	31.1 J	53.4 U
S315	8/14/2000	15 - 30		SF0075	53.2 UJ	53.2 UJ	53.2 UJ	137 J	53.2 UJ	48.1 J	56.1 J	53.2 UJ
S315	7/19/2000	30 - 100		VC0113	50 UJ	50 UJ	50 UJ	112 J	50 UJ	66.5 J	30.9 J	50 UJ
S315	7/19/2000	100 - 200		VC0114	250 U	250 U	250 U	1810 J	250 U	1220 J	378 J	250 U
S315	7/19/2000	200 - 300		VC0115	50 U	50 U	50 U	89.8 J	50 U	180 J	55 J	50 U
S315	7/19/2000	300 - 400		VC0116	50 U	50 U	50 U	50 U	50 U	50 U	20 J	50 U
S315	7/19/2000	400 - 500		VC0117	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S315	7/19/2000	500 - 600		VC0118	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S315	7/19/2000	600 - 673		VC0119	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S315	7/19/2000	673 - 767		VC0120	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S316	8/10/2000	0 - 15		SF0076	54.7 U	54.7 U	54.7 U	54.7 U	54.7 U	54.7 U	54.7 U	54.7 U
S316	8/10/2000	15 - 30		SF0077	54.1 U	54.1 U	54.1 U	54.1 U	54.1 U	54.1 U	54.1 U	54.1 U
S316	7/15/2000	30 - 102		VC0121	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S316	7/15/2000	102 - 201		VC0122	50 U	50 U	50 U	14.5 J	50 U	50 U	50 U	50 U
S316	7/15/2000	201 - 300		VC0123	50 U	50 U	50 U	50 U	50 U	50 U	50 U	26.7 J
S316	7/15/2000	300 - 400		VC0124	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S316	7/15/2000	400 - 500		VC0125	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S316	7/15/2000	500 - 600		VC0126	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S316	7/15/2000	600 - 700		VC0127	50 U	50 U	50 U	50 U	17.7 J	50 U	50 U	50 U
S316	7/15/2000	700 - 800		VC0128	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U

Table B1-18. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Aroclor 1016 (µg/kg-dw)	Aroclor 1221 (µg/kg-dw)	Aroclor 1232 (µg/kg-dw)	Aroclor 1242 (µg/kg-dw)	Aroclor 1248 (µg/kg-dw)	Aroclor 1254 (µg/kg-dw)	Aroclor 1260 (µg/kg-dw)	Aroclor 1268 (µg/kg-dw)
S317	8/11/2000	0 - 15		SF0078	53.7 U	53.7 U	53.7 U	168 J	53.7 U	98.2 J	35.8 J	53.7 U
S317	8/4/2000	15 - 30		SF0079	54.5 U	54.5 U	54.5 U	360 J	54.5 U	214 J	92.2 J	54.5 U
S317	7/15/2000	30 - 100		VC0129	250 U	250 U	250 U	2360 J	250 U	1260 J	311 J	250 U
S317	7/15/2000	100 - 200		VC0130	50 U	50 U	50 U	50.2 J	50 U	226 J	108 J	50 U
S317	7/15/2000	200 - 300		VC0131	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S317	7/15/2000	300 - 400		VC0132	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S317	7/15/2000	400 - 500		VC0133	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S317	7/15/2000	500 - 600		VC0134	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S317	7/15/2000	600 - 700		VC0135	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S318	7/14/2000	0 - 15		VC0189	50 U	50 U	50 U	131 J	50 U	80 J	39.7 J	50 U
S318	7/14/2000	15 - 30		VC0190	50 U	50 U	50 U	285 J	50 U	126 J	46.9 J	50 U
S318	7/14/2000	30 - 100		VC0137	50 U	50 U	50 U	79 J	50 U	28.9 J	14 J	50 U
S318	7/14/2000	100 - 200		VC0138	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S318	7/14/2000	200 - 300		VC0139	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S318	7/14/2000	300 - 400		VC0140	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S318	7/14/2000	400 - 500		VC0141	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S318	7/14/2000	500 - 600		VC0142	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S318	7/14/2000	600 - 700		VC0143	52.8 U	52.8 U	52.8 U	52.8 U	52.8 U	52.8 U	52.8 U	52.8 U
S318	7/14/2000	700 - 800		VC0144	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S319	8/4/2000	0 - 15		SF0082	54.7 U	54.7 U	54.7 U	241 J	54.7 U	150 J	76.6 J	54.7 U
S319	8/4/2000	15 - 30		SF0083	52.9 U	52.9 U	52.9 U	352 J	52.9 U	299 J	124 J	52.9 U
S319	7/14/2000	30 - 100		VC0145	100 U	100 U	100 U	1650 J	100 U	546 J	118 J	100 U
S319	7/14/2000	100 - 200		VC0146	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S319	7/14/2000	200 - 300		VC0147	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S319	7/14/2000	300 - 400		VC0148	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S319	7/14/2000	400 - 500		VC0149	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S319	7/14/2000	500 - 600		VC0150	50 U	50 U	50 U	17.5 J	50 U	50 U	50 U	50 U
S319	7/14/2000	600 - 700		VC0151	50 U	50 U	50 U	13.6 J	50 U	50 U	50 U	50 U
S319	7/14/2000	700 - 800		VC0152	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S320	8/13/2000	0 - 15		SF0084	53.7 U	53.7 U	53.7 U	328 J	53.7 U	173 J	80.9 J	53.7 U
S320	8/14/2000	15 - 30		SF0085	53.7 U	53.7 U	53.7 U	207 J	53.7 U	74.4 J	36.6 J	53.7 U
S320	7/13/2000	30 - 100		VC0153	50 U	50 U	50 U	1590 J	50 U	435 J	98.5 J	50 U
S320	7/13/2000	100 - 200		VC0154	50 U	50 U	50 U	1070 J	50 U	703 J	127 J	50 U
S320	7/13/2000	200 - 300		VC0155	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S320	7/13/2000	300 - 400		VC0156	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S320	7/13/2000	400 - 500		VC0157	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S320	7/13/2000	500 - 600		VC0158	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S320	7/13/2000	600 - 700		VC0159	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U

Table B1-18. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Aroclor 1016 (µg/kg-dw)	Aroclor 1221 (µg/kg-dw)	Aroclor 1232 (µg/kg-dw)	Aroclor 1242 (µg/kg-dw)	Aroclor 1248 (µg/kg-dw)	Aroclor 1254 (µg/kg-dw)	Aroclor 1260 (µg/kg-dw)	Aroclor 1268 (µg/kg-dw)
S321	8/4/2000	0 - 15		SF0086	53.4 U	53.4 U	53.4 U	18 J	53.4 U	14.3 J	17.7 J	53.4 U
S321	8/4/2000	15 - 30		SF0087	53.7 U	53.7 U	53.7 U	53.7 U	53.7 U	53.7 U	53.7 U	53.7 U
S321	7/13/2000	30 - 100		VC0161	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S321	7/13/2000	100 - 200		VC0162	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S321	7/13/2000	200 - 300		VC0163	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S321	7/13/2000	300 - 400		VC0164	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S321	7/13/2000	400 - 500		VC0165	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S321	7/13/2000	500 - 560		VC0166	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S321	7/13/2000	560 - 600		VC0167B	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S321	7/13/2000	600 - 700		VC0167	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S321	7/13/2000	700 - 800		VC0168	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S322	8/10/2000	0 - 15		SF0088	52.4 U	52.4 U	52.4 U	915 J	52.4 U	678 J	225 J	52.4 U
S322	8/10/2000	15 - 30		SF0089	110 U	110 U	110 U	994 J	110 U	1010 J	404 J	110 U
S322	7/13/2000	30 - 100		VC0169	250 U	250 U	250 U	1960 J	250 U	688 J	191 J	250 U
S322	7/13/2000	100 - 200		VC0170	51.2 U	51.2 U	51.2 U	276 J	51.2 U	96.9 J	51.2 U	51.2 U
S322	7/13/2000	200 - 300		VC0171	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S322	7/13/2000	300 - 400		VC0172	50.5 U	50.5 U	50.5 U	50.5 U	50.5 U	50.5 U	50.5 U	50.5 U
S322	7/13/2000	400 - 500	D1	VC0173	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S322	7/13/2000	400 - 500	D2	VC0185	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S322	7/13/2000	500 - 600		VC0174	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S322	7/13/2000	600 - 700		VC0175	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S322	7/13/2000	700 - 800		VC0176	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S323	8/13/2000	0 - 15		SF0090	52.8 U	52.8 U	52.8 U	1210 J	52.8 U	445 J	129 J	52.8 U
S323	8/4/2000	15 - 30		SF0091	108 U	108 U	108 U	2800 J	108 U	1550 J	244 J	108 U
S323	7/12/2000	30 - 100		VC0177	50 U	50 U	50 U	50 U	509 J	50 U	44.3 J	50 U
S323	7/12/2000	100 - 200		VC0178	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S323	7/12/2000	200 - 300		VC0179	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S323	7/12/2000	300 - 400		VC0180	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S323	7/12/2000	400 - 500		VC0181	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S323	7/12/2000	500 - 600		VC0182	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S323	7/12/2000	600 - 700		VC0183	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
S323	7/12/2000	700 - 800		VC0184	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U

Table B1-19. PCDD/PCDFs in 8-m Cores

Station	Date	Depth (cm)	Duplicate	Sample Number	2,3,7,8-Tetrachloro-dibenzodioxin (ng/kg-dw)	1,2,3,7,8-Pentachloro-dibenzodioxin (ng/kg-dw)	1,2,3,4,7,8-Hexachloro-dibenzodioxin (ng/kg-dw)	1,2,3,6,7,8-Hexachloro-dibenzodioxin (ng/kg-dw)	1,2,3,7,8,9-Hexachloro-dibenzodioxin (ng/kg-dw)	1,2,3,4,6,7,8-Heptachloro-dibenzodioxin (ng/kg-dw)	Total Tetrachloro-dibenzodioxins (ng/kg-dw)	Total Pentachloro-dibenzodioxins (ng/kg-dw)	Total Hexachloro-dibenzodioxins (ng/kg-dw)
S302	8/12/2000	0 - 15		SF0048	0.36 U	1.41 J	1.28 J	4.1	3.24	57	37	4.49	25.3
S302	8/14/2000	15 - 30		SF0049	0.09 U	0.397 J	0.449 J	1.9 J	1.18 J	34.1	7.1	2.2	14.3
S302	7/22/2000	30 - 59		VC0009	0.1 U	0.15 J	0.126 J	0.842 J	0.406 J	10.2	5.45	0.683 J	5.89
S302	7/22/2000	59 - 159		VC0010	0.635 J	0.965	0.864 J	4.71	2.11 J	67.9	9.19	8.27	41.8
S302	7/22/2000	159 - 259		VC0011	1.21	2.44	3.01	8.52	7.28	151	15.3	19.5	103
S302	7/22/2000	259 - 359		VC0012	0.462 J	0.925 J	1.12 J	6.73	4.14	108	9.2	13.4	71
S302	7/22/2000	359 - 459		VC0013	0.262 J	0.506 J	0.462 J	1.99	1.36 J	27.1	5.94	3.46	19.9
S302	7/22/2000	459 - 559		VC0014	0.128 J	0.375 J	0.324 J	1.1 J	0.625 J	10.4	3.88	2.45	8.74
S302	7/22/2000	559 - 659		VC0015	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.296 J	0.1 U	0.1 U	0.1 U
S302	7/22/2000	659 - 761		VC0016	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.266 J	0.1 U	0.1 U	0.171 J
S308	8/10/2000	0 - 15		SF0060	2.2	5.5	4.15	25.2	13.6	321	90.6	43.8	205
S308	8/10/2000	15 - 30		SF0061	1.78	4.52	3.09	23.4	11.1	284	45.2	37.7	197
S308	7/18/2000	30 - 100	D1	VC0057	8.01	19.5	12.9	70.2	49.5	826	69.1	142	576
S308	7/18/2000	30 - 100	D2	VC0191	7.68	17.7	12	64.9	49.9	745	85.8	132	543
S308	7/18/2000	100 - 200		VC0058	3.55	8.23	2.93	9.89	7.54	34.5	84	48.1	57.4
S308	7/18/2000	200 - 259		VC0059	0.11 U	0.551 J	0.19 J	0.559 J	0.741 J	3.02	12.6	5.82	7.04
S308	7/18/2000	259 - 359		VC0060	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.28 J	0.381 J	0.1 U	0.244 J
S308	7/18/2000	359 - 459		VC0061	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.238 J	0.1 U	0.1 U	0.1 U
S308	7/18/2000	459 - 559		VC0062	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.166 J	0.1 U	0.1 U
S308	7/18/2000	559 - 593		VC0063	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.26 U	0.444 J	0.1 U	0.1 U
S311	7/20/2000	0 - 15		VC0207	0.871 J	2.04 J	1.08 J	3.01 J	2.71 J	17.4 J	26.7 J	16.6 J	20 J
S311	7/20/2000	15 - 30		VC0208	3.07 J	8.13 J	1.76 J	5.6 J	4.97 J	35.4 J	33.8 J	30.2 J	35.7 J
S311	7/20/2000	30 - 100		VC0081	1.4 J	4.87	1.18 J	4.9	3.66	27.3	18.1	23	30.1
S311	7/20/2000	100 - 200		VC0082	0.18 U	0.17 U	0.17 U	0.17 U	0.17 U	0.424 J	0.6 J	0.17 U	0.44 J
S311	7/20/2000	200 - 300		VC0083	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.261 J	0.15 U	0.15 U	0.15 U
S311	7/20/2000	300 - 400		VC0084	0.3 U	0.18 U	0.17 U	0.17 U	0.17 U	0.449 J	0.3 U	0.18 U	0.461 J
S311	7/20/2000	400 - 500		VC0085	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.313 J	0.18 U	0.18 U	0.18 U
S311	7/20/2000	500 - 600		VC0086	0.22 U	0.2 U	0.2 U	0.2 U	0.2 U	0.707 J	0.584 J	0.2 U	0.752 J
S315	8/11/2000	0 - 15		SF0074	4.1	11.5	6.24	37.3	23.8	341	223	76.5	239
S315	8/14/2000	15 - 30		SF0075	0.1 U	8.82	5.68	22.3	15.2	324	121	64.7	174

Table B1-19. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	2,3,7,8-Tetrachloro-dibenzodioxin (ng/kg-dw)	1,2,3,7,8-Pentachloro-dibenzodioxin (ng/kg-dw)	1,2,3,4,7,8-Hexachloro-dibenzodioxin (ng/kg-dw)	1,2,3,6,7,8-Hexachloro-dibenzodioxin (ng/kg-dw)	1,2,3,7,8,9-Hexachloro-dibenzodioxin (ng/kg-dw)	1,2,3,4,6,7,8-Heptachloro-dibenzodioxin (ng/kg-dw)	Total Tetrachloro-dibenzodioxins (ng/kg-dw)	Total Pentachloro-dibenzodioxins (ng/kg-dw)	Total Hexachloro-dibenzodioxins (ng/kg-dw)
S315	7/19/2000	30 - 100		VC0113	9.37	17.4	9.06	73.9	43.4	1,110	121	160	790
S315	7/19/2000	100 - 200		VC0114	36.6	69.2	31.2	219	170	2490	302	539	2,160
S315	7/19/2000	200 - 300		VC0115	5.03	9.04	4.87	32.4	21.9	421	71.2	95.7	279
S315	7/19/2000	300 - 400		VC0116	3.34	9.98	3.58	14.6	12.2	76.6	50.9	67.3	102
S315	7/19/2000	400 - 500		VC0117	3	6.08	1.29 J	6.9	5.53	9.69	35.1	32.1	32.3
S315	7/19/2000	500 - 600		VC0118	0.2 U	0.519 J	0.327 J	0.555 J	0.702 J	3.82	9.09	2.84	5.27
S315	7/19/2000	600 - 673		VC0119	0.1 U	0.271 J	0.211 J	0.412 J	0.438 J	2.24 J	6.77	4.67	6.15
S315	7/19/2000	673 - 767		VC0120	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.38 U	0.882 J	0.124 J	0.418 J
S316	8/10/2000	0 - 15		SF0076	0.204 J	0.255 J	0.197 J	0.64 J	0.463 J	4.44	5.92	1.16	3.66
S316	8/10/2000	15 - 30		SF0077	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.18 U	0.355 J	0.1 U	0.194 J
S316	7/15/2000	30 - 102		VC0121	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.31 U	0.59 U	0.14 U	0.36 U
S316	7/15/2000	102 - 201		VC0122	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.45 U	0.66 U	0.29 U	0.51 U
S316	7/15/2000	201 - 300		VC0123	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.18 U	0.1 U	0.1 U	0.1 U
S316	7/15/2000	300 - 400		VC0124	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.11 J	0.1 UJ	0.1 UJ	0.1 UJ
S316	7/15/2000	400 - 500		VC0125	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.3 U	0.1 U	0.1 U	0.1 U
S316	7/15/2000	500 - 600		VC0126	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.23 U	0.1 U	0.1 U	0.1 U
S316	7/15/2000	600 - 700		VC0127	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.28 U	0.1 U	0.1 U	0.1 U
S316	7/15/2000	700 - 800		VC0128	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U
S322	8/10/2000	0 - 15		SF0088	10.7	19.8	8.32	85.6	51	1,430	85.2	154	942
S322	8/10/2000	15 - 30		SF0089	11.8	20.6	8.89	97.8	56	1,500	97.6	156	1,020
S322	7/13/2000	30 - 100		VC0169	11.1	21.2	11.1	58.3	48.2	945	92	163	652
S322	7/13/2000	100 - 200		VC0170	1.05 J	1.83 J	0.709 J	5.58 J	4.19 J	104 J	6.83 J	9.71 J	57 J
S322	7/13/2000	200 - 300		VC0171	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.59 U	0.1 U	0.1 U	0.1 U
S322	7/13/2000	300 - 400		VC0172	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.39 U	0.1 U	0.1 U	0.12 U
S322	7/13/2000	400 - 500	D1	VC0173	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.27 U	0.1 U	0.1 U	0.1 U
S322	7/13/2000	400 - 500	D2	VC0185	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.34 U	0.1 U	0.1 U	0.1 U
S322	7/13/2000	500 - 600		VC0174	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.29 U	0.1 U	0.1 U	0.1 U
S322	7/13/2000	600 - 700		VC0175	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.35 U	0.1 U	0.1 U	0.1 U
S322	7/13/2000	700 - 800		VC0176	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.22 U	0.1 U	0.1 U	0.1 U

Table B1-19. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Total Heptachloro-dibenzodioxins (ng/kg-dw)	Octachloro-dibenzodioxin (ng/kg-dw)	1,2,3,4,7,8-Hexachloro-dibenzofuran (ng/kg-dw)	2,3,7,8-Tetrachloro-dibenzofuran (ng/kg-dw)	1,2,3,7,8-Pentachloro-dibenzofuran (ng/kg-dw)	2,3,4,7,8-Pentachloro-dibenzofuran (ng/kg-dw)	1,2,3,6,7,8-Hexachloro-dibenzofuran (ng/kg-dw)	1,2,3,7,8,9-Hexachloro-dibenzofuran (ng/kg-dw)
S302	8/12/2000	0 - 15		SF0048	121	458	8.58	19.1	6.55	4.57	2.89	0.41 U
S302	8/14/2000	15 - 30		SF0049	68.2	296	3.52	9.42	2.56	1.59	1.29 J	0.13 J
S302	7/22/2000	30 - 59		VC0009	20.9	79.4	1.42 J	4.27	0.905 J	0.733 J	0.363 J	0.1 U
S302	7/22/2000	59 - 159		VC0010	159	530 J	9.92	40.7	8.83	4.31	3.03	0.34 U
S302	7/22/2000	159 - 259		VC0011	351	1,280	39.6	50.2	13.3	8.07	8.77	1.68 J
S302	7/22/2000	259 - 359		VC0012	247	888	112	65.2	49	15.2	33	2.72
S302	7/22/2000	359 - 459		VC0013	62.5	249	4.41	6	2.4	2.22	1.34 J	0.19 U
S302	7/22/2000	459 - 559		VC0014	22.2	88	2.65	4.97	1.45	3.11	1.33 J	0.19 U
S302	7/22/2000	559 - 659		VC0015	0.475 J	2.48 J	0.177 J	0.1 U	0.1 U	0.1 U	0.118 J	0.1 U
S302	7/22/2000	659 - 761		VC0016	0.758 J	1.78 J	0.1 U	0.134	0.1 U	0.1 U	0.1 U	0.1 U
S308	8/10/2000	0 - 15		SF0060	702	2,390	30.7	35.5	16.9	27.4	11.8	1.21 J
S308	8/10/2000	15 - 30		SF0061	629	2,290	21.9	28.6	13	21.6	8.61	0.684 J
S308	7/18/2000	30 - 100	D1	VC0057	1,640	3,580	112	154	58.7	83	35.4	2.96
S308	7/18/2000	30 - 100	D2	VC0191	1,490	3,030	96.6	133	51.7	77.2	29.7	2.28
S308	7/18/2000	100 - 200		VC0058	61.3	120	149	190	49.3	149	27.8	4.93 J
S308	7/18/2000	200 - 259		VC0059	6.21	9.32	2.75	12.7	4.33	6.95	2.3 J	0.31 U
S308	7/18/2000	259 - 359		VC0060	0.28 J	1.7 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
S308	7/18/2000	359 - 459		VC0061	0.238 J	1.6 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
S308	7/18/2000	459 - 559		VC0062	0.399 J	1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
S308	7/18/2000	559 - 593		VC0063	0.302 J	1.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
S311	7/20/2000	0 - 15		VC0207	31.9 J	75.7 J	16.1 J	51.4 J	13.6 J	54.1 J	4.03 J	0.6 J
S311	7/20/2000	15 - 30		VC0208	66.3 J	166 J	107 J	1,050 J	130 J	1,150 J	20.5 J	3.68 J
S311	7/20/2000	30 - 100		VC0081	50.5	229	53.6	210	49	349	10.3	1.82 J
S311	7/20/2000	100 - 200		VC0082	0.49 J	0.93 U	1.04 J	4.46	1.72 J	3.02	0.751 J	0.19 U
S311	7/20/2000	200 - 300		VC0083	0.261 J	0.91 U	0.496 J	0.986	0.465 J	0.645 J	0.263 J	0.15 U
S311	7/20/2000	300 - 400		VC0084	0.449 J	1.77 J	1.61 J	6.53	3	4.55	1.65 J	0.37 U
S311	7/20/2000	400 - 500		VC0085	0.313 J	0.81 U	0.688 J	1.69	0.646 J	1.3 J	0.487 J	0.18 U
S311	7/20/2000	500 - 600		VC0086	1.4 J	1.58 J	0.746 J	3.32	1.72 J	2.67 J	0.811 J	0.28 U
S315	8/11/2000	0 - 15		SF0074	691	2,960	97.1	84.5	56.9	92.5	34	2.43 J
S315	8/14/2000	15 - 30		SF0075	677	3,670	97.1	75.3	51.7	70	31.6	2.8 J

Table B1-19. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Total Heptachloro-dibenzodioxins (ng/kg-dw)	Octachloro-dibenzodioxin (ng/kg-dw)	1,2,3,4,7,8-Hexachloro-dibenzofuran (ng/kg-dw)	2,3,7,8-Tetrachloro-dibenzofuran (ng/kg-dw)	1,2,3,7,8-Pentachloro-dibenzofuran (ng/kg-dw)	2,3,4,7,8-Pentachloro-dibenzofuran (ng/kg-dw)	1,2,3,6,7,8-Hexachloro-dibenzofuran (ng/kg-dw)	1,2,3,7,8,9-Hexachloro-dibenzofuran (ng/kg-dw)
S315	7/19/2000	30 - 100		VC0113	2620	9150	72.7	80.5	36.6	49.9	24.9	2.29 J
S315	7/19/2000	100 - 200		VC0114	5,300	22,600	151	157	68.8	120	46	2.48 J
S315	7/19/2000	200 - 300		VC0115	831	2,370	203	206	102	122	68.1	20.2 J
S315	7/19/2000	300 - 400		VC0116	143	477	147	176	53.3	137	30	7.79 J
S315	7/19/2000	400 - 500		VC0117	15	18	54	46.5	12.1	28.2	9.31	1.62 J
S315	7/19/2000	500 - 600		VC0118	7.83	9.7	3.22	5.32	2.3	2.47	1.82 J	0.22 U
S315	7/19/2000	600 - 673		VC0119	4.28	5.88	1.29 J	0.861	0.785 J	0.72 J	0.718 J	0.1 U
S315	7/19/2000	673 - 767		VC0120	0.381 J	2 U	0.116 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
S316	8/10/2000	0 - 15		SF0076	7.74	19.7	2.12	2.33	1.23	2.51	0.972 J	0.14 U
S316	8/10/2000	15 - 30		SF0077	0.1 U	0.54 U	0.17 U	0.108 J	0.136 J	0.133 J	0.109 J	0.1 U
S316	7/15/2000	30 - 102		VC0121	0.1 U	1.3 U	0.22 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
S316	7/15/2000	102 - 201		VC0122	0.766 J	1.6 U	0.238 J	0.1 U	0.1 U	0.1 U	0.129 J	0.1 U
S316	7/15/2000	201 - 300		VC0123	0.181 J	1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
S316	7/15/2000	300 - 400		VC0124	0.1 UJ	0.66 UJ	0.11 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ
S316	7/15/2000	400 - 500		VC0125	0.644 J	2.2 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
S316	7/15/2000	500 - 600		VC0126	0.404 J	1.5 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
S316	7/15/2000	600 - 700		VC0127	0.285 J	1.8 U	0.103 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
S316	7/15/2000	700 - 800		VC0128	0.501 J	1.5 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
S322	8/10/2000	0 - 15		SF0088	3,630	9,260	22.4	26.1	10.5	16.5	9.99	1.1 U
S322	8/10/2000	15 - 30		SF0089	3,780	12,100	26.2	27	9.5	17.9	11	1.1 U
S322	7/13/2000	30 - 100		VC0169	2,150	12,300	30.4	70	14.8	33.4	14.3	2.8
S322	7/13/2000	100 - 200		VC0170	242 J	1,450 J	3.28 J	5.05 J	1.5 J	4.09 J	1.35 J	0.17 UJ
S322	7/13/2000	200 - 300		VC0171	1.12 J	3.9 J	0.152 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
S322	7/13/2000	300 - 400		VC0172	0.79 J	2.6 U	0.138 J	0.1 U	0.1 U	0.111 J	0.1 U	0.1 U
S322	7/13/2000	400 - 500	D1	VC0173	0.524 J	2.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
S322	7/13/2000	400 - 500	D2	VC0185	0.665 J	2 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
S322	7/13/2000	500 - 600		VC0174	0.535 J	1.9 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
S322	7/13/2000	600 - 700		VC0175	0.632 J	2.3 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
S322	7/13/2000	700 - 800		VC0176	0.216 J	1.5 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

Table B1-19. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	2,3,4,6,7,8-Hexachloro-dibenzofuran (ng/kg-dw)	1,2,3,4,6,7,8-Heptachloro-dibenzofuran (ng/kg-dw)	1,2,3,4,7,8,9-Heptachloro-dibenzofuran (ng/kg-dw)	Total Tetrachloro-dibenzofurans (ng/kg-dw)	Total Pentachloro-dibenzofurans (ng/kg-dw)	Total Hexachloro-dibenzofurans (ng/kg-dw)	Total Heptachloro-dibenzofurans (ng/kg-dw)	Octachloro-dibenzofuran (ng/kg-dw)
S302	8/12/2000	0 - 15		SF0048	1.34 J	21.9	2.91	93.5	38.6	37.1	48.1	47.2
S302	8/14/2000	15 - 30		SF0049	0.55 J	11	1.55 J	44.3	16.9	17	27.2	32.1
S302	7/22/2000	30 - 59		VC0009	0.242 J	2.5 U	0.478 J	18.2	6.74	5.1	5.92	7.02
S302	7/22/2000	59 - 159		VC0010	1.26 J	18.8	3.69	144	44.4	35.9	54.3	52.5
S302	7/22/2000	159 - 259		VC0011	16.5	49.7	16.6	208	96.2	141	144	205
S302	7/22/2000	259 - 359		VC0012	5.61	104	65	243	177	335	348	569
S302	7/22/2000	359 - 459		VC0013	0.998 J	18.3	1.3 J	39.5	24.2	26.5	42.7	35.5
S302	7/22/2000	459 - 559		VC0014	0.88 J	23.1	0.819 J	50.7	28.2	23.6	37.7	18.6
S302	7/22/2000	559 - 659		VC0015	0.1 U	0.21 U	0.1 U	0.446 J	0.1 U	0.177 J	0.1 U	0.327 J
S302	7/22/2000	659 - 761		VC0016	0.1 U	0.1 U	0.1 U	0.72 J	0.1 U	0.1 U	0.1 U	0.1 U
S308	8/10/2000	0 - 15		SF0060	5.93	123	11.1	320	192	221	363	245
S308	8/10/2000	15 - 30		SF0061	5.49	81.8	7.81	331	162	162	229	178
S308	7/18/2000	30 - 100	D1	VC0057	19.9	566	32.8	894	559	752	1380	702
S308	7/18/2000	30 - 100	D2	VC0191	16.6	512	30	794	510	674	1260	620
S308	7/18/2000	100 - 200		VC0058	9.79	104	54.1	1,330	744	353	247	641
S308	7/18/2000	200 - 259		VC0059	1.35 J	5.4 U	0.59 J	302	82	21.7	8.22	5.07 J
S308	7/18/2000	259 - 359		VC0060	0.1 U	0.29 U	0.1 U	0.262 J	0.1 U	0.1 U	0.1 U	0.179 J
S308	7/18/2000	359 - 459		VC0061	0.1 U	0.126 J	0.1 U	0.176 J	0.1 U	0.1 U	0.1 U	0.17 U
S308	7/18/2000	459 - 559		VC0062	0.1 U	0.1 U	0.1 U	0.273 J	0.1 U	0.1 U	0.1 U	0.1 U
S308	7/18/2000	559 - 593		VC0063	0.1 U	0.32 U	0.1 U	0.346 J	0.1 U	0.1 U	0.1 U	0.145 J
S311	7/20/2000	0 - 15		VC0207	2.03 J	18.4 J	4.08 J	659 J	211 J	46.5 J	22.6 J	36.6 J
S311	7/20/2000	15 - 30		VC0208	9.49 J	84.5 J	31 J	9,990 J	3,140 J	299 J	173 J	268 J
S311	7/20/2000	30 - 100		VC0081	4.92	41.2	14.9	1130	1,000	142	82.4	129
S311	7/20/2000	100 - 200		VC0082	0.37 J	0.913 J	0.17 U	99	23.5	4.66 J	0.913 J	0.23 U
S311	7/20/2000	200 - 300		VC0083	0.166 J	0.342 J	0.15 U	21.2	6.16	1.52 J	0.342 J	0.15 U
S311	7/20/2000	300 - 400		VC0084	1.07 J	1.68 J	0.17 U	160	54	9.9	1.68 J	0.5 U
S311	7/20/2000	400 - 500		VC0085	0.281 J	0.806 J	0.18 U	42.5	8.41	3.11 J	0.806 J	0.26 U
S311	7/20/2000	500 - 600		VC0086	0.551 J	1.16 J	0.2 U	81.6	24.3	5.36 J	1.16 J	0.37 U
S315	8/11/2000	0 - 15		SF0074	13.5	134	23.7	826	555	316	304	335
S315	8/14/2000	15 - 30		SF0075	16.8	147	24.6	636	427	299	312	337

Table B1-19. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	2,3,4,6,7,8-Hexachloro-dibenzofuran (ng/kg-dw)	1,2,3,4,6,7,8-Heptachloro-dibenzofuran (ng/kg-dw)	1,2,3,4,7,8,9-Heptachloro-dibenzofuran (ng/kg-dw)	Total Tetrachloro-dibenzofurans (ng/kg-dw)	Total Pentachloro-dibenzofurans (ng/kg-dw)	Total Hexachloro-dibenzofurans (ng/kg-dw)	Total Heptachloro-dibenzofurans (ng/kg-dw)	Octachloro-dibenzofuran (ng/kg-dw)
S315	7/19/2000	30 - 100		VC0113	12.5	172	23.6	654	377	360	487	394
S315	7/19/2000	100 - 200		VC0114	26.1	683	43.5	1,440	941	1,100	2,120	1,840
S315	7/19/2000	200 - 300		VC0115	36.5 J	502	49.3	1,270	791	680	981	499
S315	7/19/2000	300 - 400		VC0116	21.5 J	176	61	930	742	415	388	610
S315	7/19/2000	400 - 500		VC0117	3.52	23.6	15.4	428	179	104	55.5	90.2
S315	7/19/2000	500 - 600		VC0118	1.44 J	6.37	0.59 J	106	35.5	15	9.03	4.07 J
S315	7/19/2000	600 - 673		VC0119	0.61 J	3 U	0.243 J	14.3	8.24	4.96	3.65	1.53 J
S315	7/19/2000	673 - 767		VC0120	0.1 U	0.11 U	0.1 U	0.348 J	0.1 U	0.116 J	0.1 U	0.101 J
S316	8/10/2000	0 - 15		SF0076	0.463 J	4.79	1.23 J	20.2	13.3	7.69	9.3	6.61
S316	8/10/2000	15 - 30		SF0077	0.1 U	0.528 J	0.1 U	0.805	0.752	0.648 J	0.1 U	0.29 U
S316	7/15/2000	30 - 102		VC0121	0.1 U	0.28 U	0.1 U	1.1	0.297 J	0.1 U	0.277 J	0.36 U
S316	7/15/2000	102 - 201		VC0122	0.1 U	0.41 U	0.1 U	0.598 J	0.28 J	0.36 J	0.414 J	0.35 U
S316	7/15/2000	201 - 300		VC0123	0.1 U	0.13 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.15 U
S316	7/15/2000	300 - 400		VC0124	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.12 UJ
S316	7/15/2000	400 - 500		VC0125	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.28 U
S316	7/15/2000	500 - 600		VC0126	0.1 U	0.1 U	0.1 U	0.143 J	0.1 U	0.1 U	0.1 U	0.15 U
S316	7/15/2000	600 - 700		VC0127	0.1 U	0.1 U	0.1 U	0.147 J	0.1 U	0.1 U	0.1 U	0.25 U
S316	7/15/2000	700 - 800		VC0128	0.1 U	0.15 U	0.1 U	0.157 J	0.1 U	0.1 U	0.1 U	0.1 U
S322	8/10/2000	0 - 15		SF0088	7.68	240	12.7	319	277	369	820	604
S322	8/10/2000	15 - 30		SF0089	8.17	284	13.5	338	328	428	951	699
S322	7/13/2000	30 - 100		VC0169	12.9	207	21.3	407	242	304	542	483
S322	7/13/2000	100 - 200		VC0170	0.906 J	24.1 J	1.48 J	48.7 J	36.1 J	33.7 J	61.8 J	46.1 J
S322	7/13/2000	200 - 300		VC0171	0.1 U	0.23 U	0.1 U	0.1 U	0.1 U	0.1 U	0.229 J	0.45 U
S322	7/13/2000	300 - 400		VC0172	0.1 U	0.16 U	0.1 U	0.199 J	0.1 U	0.1 U	0.158 J	0.29 U
S322	7/13/2000	400 - 500	D1	VC0173	0.1 U	0.14 U	0.1 U	0.138 J	0.1 U	0.1 U	0.1 U	0.19 U
S322	7/13/2000	400 - 500	D2	VC0185	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.22 U
S322	7/13/2000	500 - 600		VC0174	0.1 U	0.1 U	0.1 U	0.148 J	0.1 U	0.1 U	0.1 U	0.17 U
S322	7/13/2000	600 - 700		VC0175	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.28 U
S322	7/13/2000	700 - 800		VC0176	0.1 U	0.1 U	0.1 U	0.161 J	0.1 U	0.1 U	0.1 U	0.12 U

Table B1-20. Inorganics in 8-m Cores

Station	Date	Depth (cm)	Duplicate	Sample Number	Aluminum (mg/kg-dw)	Antimony (mg/kg-dw)	Arsenic (mg/kg-dw)	Barium (mg/kg-dw)	Beryllium (mg/kg-dw)	Cadmium (mg/kg-dw)	Calcium (mg/kg-dw)	Chromium (mg/kg-dw)	Cobalt (mg/kg-dw)	Copper (mg/kg-dw)	Cyanide (mg/kg-dw)	Iron (mg/kg-dw)
S301	7/22/2000	0 - 15		VC0215	4,080	0.32 UJ	3.1	78.8	0.024 U	0.78	260,000	29.4	1.6	37.5	0.84 U	5,870
S301	7/22/2000	15 - 30		VC0024	4,650	0.41 J	4.5	77.5	0.31	2.1	263,000	42.6	2.4	55.3	0.89 U	6,420
S301	7/22/2000	30 - 56		VC0001	5,660	0.42 UJ	7.8	104 J	0.47	1.4	413,000	29.8 J	3.4	46.5 J	1.1 U	7,450
S301	7/22/2000	56 - 156	D1	VC0002	3,350	0.35 UJ	4.8	75.9 J	0.33	1.6	323,000	28 J	2.1	33.4 J	0.92 U	4,420
S301	7/22/2000	56 - 156	D2	VC0195	3,090	0.3 UJ	3.7	73.5	0.022 U	1.3	311,000	27	1.6	33.2	0.8 U	3,950
S301	7/22/2000	156 - 256		VC0003	3,820	0.34 UJ	7.4	81.5 J	0.4	3.9	287,000	52 J	2.3	46.2 J	0.9 U	5,120
S301	7/22/2000	256 - 356		VC0004	7,290	0.32 UJ	26.9	131 J	0.98	5.6	376,000	77.2 J	5.2	72 J	0.84 U	11,600
S301	7/22/2000	356 - 437		VC0005	7,450	0.35 UJ	24.2	107 J	0.88	2.2	222,000	40.3 J	4.8	46 J	0.91 U	12,900
S301	7/22/2000	437 - 537		VC0006	8,160	0.3 UJ	2.9	80.3	0.15	0.043 U	175,000	11.9	3.8	10.1	0.78 U	14,900
S301	7/22/2000	537 - 637		VC0007	5,530	0.28 UJ	2.9	86.6	0.038	0.041 U	219,000	7.9	2.6	6.8	0.73 U	10,500
S301	7/22/2000	637 - 730		VC0008	7,800	0.27 UJ	5.2	72.1	0.14	0.04 U	162,000	11.2	3.6	9.4	0.71 U	12,500
S302	8/12/2000	0 - 15		SF0048	6,780	0.49 UJ	3.3	89.5 J	0.37	0.45	206,000	24.6	4.2	41.1	1.3 U	13,000
S302	8/14/2000	15 - 30		SF0049	5,750	0.46	2.9	78.8	0.37	0.42	272,000	19.4	3.2	30.3	1.1 U	9,940
S302	7/22/2000	30 - 59		VC0009	1,030	0.31 UJ	1.6	47.7	0.023 U	0.045 U	307,000	4.5	0.23	5.1	0.81 U	2,100
S302	7/22/2000	59 - 159		VC0010	5,680	0.31 UJ	3.6	74.5	0.042	0.41	241,000	22.9	2.5	40.1	0.81 U	8,200
S302	7/22/2000	159 - 259		VC0011	5,390	0.32 UJ	5.1	84.7	0.053	1.5	262,000	38.9	2.4	49.1	0.85 U	7,840
S302	7/22/2000	259 - 359		VC0012	4,770	0.33 UJ	6.9	93.2	0.096	3.6	281,000	66.5	2	55.5	0.88 U	6,260
S302	7/22/2000	359 - 459		VC0013	5,100	0.59 J	19.6	90.9	0.52	1.5	255,000	44.6	3.1	41.7	0.86 U	8,610
S302	7/22/2000	459 - 559		VC0014	9,640	0.39 J	9.1	110	0.28	1.6	179,000	36.4	4.2	42.1	0.98	14,200
S302	7/22/2000	559 - 659		VC0015	10,600	0.29 UJ	2.6	106	0.24	0.043 U	98,400	14.8	4.8	11.7	0.78 U	16,600
S302	7/22/2000	659 - 761		VC0016	10,600	0.31 UJ	3	87.4	0.25	0.045 U	125,000	15	5	11.7	0.81 U	16,300
S303	8/12/2000	0 - 15		SF0038	8,440	0.78 J	4.9	128 J	0.44	0.81	210,000	32.7	4.8	47	1.9 U	17,100
S303	7/22/2000	15 - 30		VC0214	4,590	0.36 UJ	2.8	82.5	0.027 U	1.3	247,000	43.6	2.1	43	0.95 U	6,460
S303	7/22/2000	30 - 100		VC0017	4,170	0.34 UJ	9.4	95.8	0.12	6.7	208,000	131	2.6	77.3	0.9 U	6,830
S303	7/22/2000	100 - 200		VC0018	11,000	0.38 UJ	6.8	110	0.59	1.5	159,000	38.1	5.3	42.4	0.99 U	16,900
S303	7/22/2000	200 - 300		VC0019	12,900	0.38 UJ	3.1	114	0.62	0.056 U	97,100	19.6	6.2	15.8	0.99 U	20,100
S303	7/22/2000	300 - 400	D1	VC0020	11,600	0.35 UJ	3.6	98.5	0.58	0.052 U	138,000	18.5	6	14.6	0.93 U	19,800
S303	7/22/2000	300 - 400	D2	VC0198	11,500	0.34 UJ	3.3	98.8	0.25	0.05 U	126,000	16.4	5	13.4	0.89 U	17,500
S303	7/22/2000	400 - 500		VC0021	8,820	0.35 J	3.2	86.2	0.44	0.047 U	142,000	13.6	4.7	10.8	0.84 U	16,000
S303	7/22/2000	500 - 600		VC0022	6,530	0.31 UJ	2.6	94.6	0.34	0.046 U	190,000	9.8	3.5	8.3	0.82 U	11,800
S303	7/22/2000	600 - 618		VC0023	5,270	0.33 J	1.8	85.1	0.27	0.042 U	204,000	7.7	2.5	6.3	0.74 U	8,990
S304	8/9/2000	0 - 15		SF0052	5,780 J	0.34 UJ	4.8 J	80.7 J	0.36	0.22	259,000 J	18.8 J	3.6 J	38.3 J	0.91 U	9,730 J
S304	8/9/2000	15 - 30		SF0053	6,210 J	0.29 UJ	5.8 J	65.7 J	0.37	0.35	147,000 J	69.2 J	8.9 J	41 J	0.77 U	11,500 J
S304	7/21/2000	30 - 100		VC0025	5,160	0.32 UJ	4.4	72.3 J	0.36	0.42	261,000	19.1	2.8	36.7	0.85 U	6,700
S304	7/21/2000	100 - 200		VC0026	5,770	0.35 UJ	6.8	85.9 J	0.46	0.78	298,000	29.6	2.8	54.4	0.93 U	7,760
S304	7/21/2000	200 - 300	D1	VC0027	6,920	0.38 UJ	11.5	108 J	0.7	1.4	378,000	40.2	3.8	61.3	1 U	8,440
S304	7/21/2000	200 - 300	D2	VC0201	6,940	0.37 UJ	11.8	113 J	0.67	1.6	384,000	40.7 J	3.5	61.1 J	2	8,230
S304	7/21/2000	300 - 400		VC0028	13,200	0.37 UJ	20.3	181 J	1.2	3.9	559,000	69.4	7.9	100	0.97 U	18,000
S304	7/21/2000	400 - 500		VC0029	12,400	0.77 J	29.2	170 J	1.4	3.1	350,000	57.6	9.4	77.7	0.97 U	26,400
S304	7/21/2000	500 - 600		VC0030	15,100	1 J	67.2	195 J	2.4	0.99	260,000	57.5	13.9	75.8	0.99 U	43,500
S304	7/21/2000	600 - 700		VC0031	8,260	0.43 J	19.4	93.5 J	0.79	0.91	180,000	31.2	5.6	35.8	0.87 U	19,700
S304	7/21/2000	700 - 727		VC0032	7,760	0.55 J	26.4	76.4 J	0.99	1.2	152,000	22.8	5.8	23.4	0.94 U	18,000
S305	8/12/2000	0 - 15		SF0054	6,940	0.44 UJ	3.4	72.8 J	0.37	0.18	112,000	24.4	4.3	35.8	1.2 U	14,400
S305	8/4/2000	15 - 30		SF0055	9,130	0.39 J	4.2	76.2	0.49	0.33	113,000	25.9 J	5.5	37.9	1 U	16,000
S305	7/21/2000	30 - 100		VC0033	6,360	0.34 UJ	4.6	112 J	0.38	0.55	444,000	21.8	3.5	40.7	0.89 U	9,400
S305	7/21/2000	100 - 200		VC0034	9,980	0.33 UJ	7.1	104 J	0.53	0.67	295,000	34.4	4.7	75.6	0.88 U	13,400
S305	7/21/2000	200 - 300		VC0035	9,960	0.35 UJ	8.7	142 J	0.62	2.6	446,000	59.5	5.4	74.9	0.93 U	13,900

Table B1-20. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Aluminum (mg/kg-dw)	Antimony (mg/kg-dw)	Arsenic (mg/kg-dw)	Barium (mg/kg-dw)	Beryllium (mg/kg-dw)	Cadmium (mg/kg-dw)	Calcium (mg/kg-dw)	Chromium (mg/kg-dw)	Cobalt (mg/kg-dw)	Copper (mg/kg-dw)	Cyanide (mg/kg-dw)	Iron (mg/kg-dw)
S305	7/21/2000	300 - 400		VC0036	6,390	0.34 UJ	8.1	104 J	0.43	2.9	305,000	54.6	2.8	58.9	0.91 U	8,740
S305	7/21/2000	400 - 500		VC0037	8,370	0.36 UJ	11	107 J	0.61	4.8	276,000	72.5	4	76.4	0.95 U	11,800
S305	7/21/2000	500 - 600		VC0038	13,600	0.88 J	37.1	152 J	1.6	3.5	257,000	68.7	9.3	70.2	0.94 U	27,700
S305	7/21/2000	600 - 635		VC0211	16,400	0.91 J	44.5	188 J	2.1	3.2	322,000	89.8 J	11.8	92.3 J	0.98 U	28,400
S305	7/21/2000	635 - 692		VC0039	12,700	0.43 UJ	10.6	111 J	0.7	1.1	414,000	32.7	4.6	73.6	2.1	14,900
S305	7/21/2000	692 - 737		VC0040	11,800	0.32 UJ	3.3	96.6 J	0.5	0.047 U	114,000	17.9	4.6	19.3	0.84 U	14,500
S306	7/21/2000	0 - 15		VC0212	4,970	0.3 UJ	2.5	96.2 J	0.34	0.82	251,000	17.7 J	4.2	12 J	0.79 U	9,520
S306	7/21/2000	15 - 30		VC0213	5,340	0.34 UJ	1.3	72.9 J	0.33	0.05 U	157,000	9 J	2.4	6.7 J	0.9 U	9,160
S306	7/21/2000	30 - 100		VC0041	8,530	0.34 UJ	1.8	68.2 J	0.4	0.05 U	108,000	13.3	3.6	10	0.9 U	13,400
S306	7/21/2000	100 - 200		VC0042	7,400	0.33 UJ	1.9	69.3 J	0.35	0.049 U	114,000	11.7	3.2	9.4	0.87 U	11,900
S306	7/21/2000	200 - 300		VC0043	8,930	0.35 UJ	2.2	85 J	0.43	0.051 U	124,000	13.7	3.8	12	0.92 U	13,700
S306	7/21/2000	300 - 400		VC0044	11,700	0.36 UJ	2.6	95.5 J	0.59	0.11	104,000	17.4 J	5.3	15.1 J	0.94 U	17,700
S306	7/21/2000	400 - 500		VC0045	13,300	0.35 UJ	3.1	112 J	0.65	0.15	118,000	19.6	6.1	17.5	0.93 U	19,700
S306	7/21/2000	500 - 600	D1	VC0046	11,300	0.34 UJ	2.3	95.9 J	0.57	0.098	102,000	16.6 J	5	14.3 J	0.91 U	15,800
S306	7/21/2000	500 - 600	D2	VC0199	12,300	0.34 UJ	2.7	97.7 J	0.6	0.16	96,600	17.8 J	5.3	14.1 J	0.91 U	16,600
S306	7/21/2000	600 - 700		VC0047	11,800	0.33 UJ	2.9	85.8 J	0.58	0.094	87,800	17.1 J	5.1	14.8 J	0.86 U	17,000
S306	7/21/2000	700 - 732		VC0048	9,700	0.3 UJ	2.7	60.4 J	0.49	0.082	68,800	14.4 J	4.5	11.6 J	0.78 U	13,500
S307	7/18/2000	0 - 15		VC0196	967	0.29 UJ	7	116	0.14	0.41	287,000	399	22.6 J	68.1	0.75 U	34,100
S307	7/18/2000	15 - 30		VC0197	963	0.29 UJ	0.6	95.7	0.094	0.043 U	325,000	29	2.8 J	3.6	0.77 U	2,490
S307	7/18/2000	30 - 100		VC0049	1,430	0.34 UJ	0.59	96.3	0.12	0.051 U	334,000	5.1	0.93	2.6	0.9 U	2,390
S307	7/18/2000	100 - 200		VC0050	1,690	0.35 UJ	0.47	85.1	0.11	0.052 U	317,000	3.1	0.18 U	3.3	0.93 U	2,280
S307	7/18/2000	200 - 300		VC0051	2,350	0.34 UJ	0.48	77.4	0.14	0.05 U	313,000	4.1	0.52	4.3	0.89 U	3,300
S307	7/18/2000	300 - 400		VC0052	4,440	0.34 UJ	1.6	78.8	0.24	0.05 U	269,000	7.4	2.4	6.7	0.9 U	7,580
S307	7/18/2000	400 - 500		VC0053	5,400	0.25 UJ	2.5	67.3	0.26	0.036 U	87,500	9.9	3.4	8.4	0.65 U	11,900
S307	7/18/2000	500 - 600		VC0054	5,790	0.23 UJ	4.1	30	0.27	0.034 U	46,700	9.5	3.5	11.1	0.6 U	10,800
S308	8/10/2000	0 - 15		SF0060	6,650	1 J	4.2	384	0.41	3.5	276,000	500	35.7	115	1.5 U	16,800
S308	8/10/2000	15 - 30		SF0061	5,930	0.91 J	4.4	279	0.36	3.6	269,000	352	21.7	90.8	1.3 U	13,000
S308	7/18/2000	30 - 100	D1	VC0057	7,140	4.5 J	21.9	2,150	0.52	25.7	234,000	2,160	26.5	516	4.4	32,200
S308	7/18/2000	30 - 100	D2	VC0191	6,190	4.5 J	22.8	2,220	0.48	22.1	237,000	2,080	24.3 J	518	1.5 U	31,000
S308	7/18/2000	100 - 200		VC0058	5,130	1.2 J	18.8	771	0.35	5.4	272,000	247	3.1	176	3.7	17,400
S308	7/18/2000	200 - 259		VC0059	9,720	0.42 UJ	7.7	131	0.48	0.34	222,000	19.3	3.7 J	47	1.5	13,600
S308	7/18/2000	259 - 359		VC0060	10,400	0.34 UJ	4.3	91.2	0.49	0.094	181,000	14.8	4.9 J	11.4	0.89 U	19,400
S308	7/18/2000	359 - 459		VC0061	8,190	0.33 UJ	3.2	90.8	0.41	0.11	198,000	12.4	4.6	10.2	0.86 U	13,800
S308	7/18/2000	459 - 559		VC0062	6,530	0.31 UJ	2.4	95.5	0.32	0.046 U	224,000	9.5	3.2 J	7.6	0.82 U	10,600
S308	7/18/2000	559 - 593		VC0063	6,270	0.31 UJ	1.9	92.4	0.31	0.046 U	228,000	9.4	2.7 J	7.2	0.81 U	9,010
S309	8/14/2000	0 - 15		SF0062	5,860	2.3	11.6	1,090	0.54	12.6	299,000	736	12.5	195	1.3 U	16,400
S309	8/14/2000	15 - 30		SF0063	4,780	2.2	11.7	1,090	0.47	10.1	290,000	690	9.6	181	1.8	12,800
S309	7/20/2000	30 - 74		VC0087	3,310	1.4 J	6.4	1,120	0.32	3.8	262,000	201	3.4	78.7	2.4	6,020
S309	7/20/2000	74 - 174		VC0065	3,010	0.52	6	4,120	0.31	1.2	321,000	15.8	2.7	65.2	9.3	4,120
S309	7/20/2000	174 - 274	D1	VC0066	5,600	0.57 U	8.1	1,260	0.39	0.33	296,000	13.3	2.9	49.8	11	5,610
S309	7/20/2000	174 - 274	D2	VC0192	6,360	0.6 UJ	10.2	1,510	0.46	0.4	335,000	14.3	3.5	47.9	13	6,420
S309	7/20/2000	274 - 374		VC0067	7,570	0.7 U	11.6	67	0.58	0.22	346,000	15	4.3	50.8	28	7,730
S309	7/20/2000	374 - 474		VC0068	6,580	0.61 U	8	52.9	0.5	0.19	308,000	13.2	3.5	35.8	41	6,930
S309	7/20/2000	474 - 578		VC0069	6,080	0.85	9	48.5	0.45	0.22	316,000	12.9	3.4	36.4	37	7,420
S309	7/20/2000	578 - 627		VC0070	6,520	0.54 U	7.2	56.7	0.5	0.38	304,000	13.3	3.3	32.2	22	6,740
S309	7/20/2000	627 - 674		VC0071	6,660	0.83	5.9	38.3	0.5	0.33	277,000	13.3	3.3	16	24	5,860
S309	7/20/2000	674 - 696		VC0072	7,550	0.54 U	5.5	56.9	0.52	0.38	293,000	14	3.6	26.7	21	6,920
S309	7/20/2000	696 - 730		VC0209	6,680	0.48 UJ	5	60.6	0.35	0.071 U	269,000	10.3	1.6	19.2	6.6	6,240

Table B1-20. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Aluminum (mg/kg-dw)	Antimony (mg/kg-dw)	Arsenic (mg/kg-dw)	Barium (mg/kg-dw)	Beryllium (mg/kg-dw)	Cadmium (mg/kg-dw)	Calcium (mg/kg-dw)	Chromium (mg/kg-dw)	Cobalt (mg/kg-dw)	Copper (mg/kg-dw)	Cyanide (mg/kg-dw)	Iron (mg/kg-dw)
S309	7/20/2000	730 - 789		VC0210	7,180	0.58 UJ	5.6	45.7	0.41	0.14	264,000	10.5	2.2	22.4	12	5,560
S310	8/14/2000	0 - 15		SF0064	6,500	0.65	4.7	389	0.43	3.8	273,000	153	9	84.5	1.5 U	12,800
S310	8/14/2000	15 - 30		SF0065	6,060	0.9	5.3	335	0.42	4.6	293,000	167	8.3	87.8	1.4 U	10,900
S310	7/20/2000	30 - 100		VC0073	3,510	3.8	6.2	275	0.27	8.7	289,000	193	3.1	132	1.1 U	5,940
S310	7/20/2000	100 - 200		VC0074	4,440	0.76	7.3	438	0.32	2.3	321,000	32.3	1.7	46	1.5	5,220
S310	7/20/2000	200 - 300		VC0075	4,830	0.94	8.9	1,810	0.35	3.3	344,000	28.1	2.8	38.7	4	6,080
S310	7/20/2000	300 - 400	D1	VC0076	4,500	0.59	9.3	1,380	0.33	3.7	306,000	27.6	2.3	45.6	14	6,100
S310	7/20/2000	300 - 400	D2	VC0186	4,910	0.5 UJ	10.6	1,540	0.39	4.3	338,000	27.8	2.9	44	14	6,680
S310	7/20/2000	400 - 500		VC0077	4,450	0.59	8.4	1,050	0.31	1.1	303,000	27.3	1.4	55.8	10	5,690
S310	7/20/2000	500 - 600		VC0078	3,500	0.61	7	427	0.3	2.5	345,000	26	1.4	36.1	2.2	4,270
S310	7/20/2000	600 - 653		VC0079	3,560	0.44 U	5.5	1,020	0.35	1.1	350,000	24.6	1.3	54.4	4.3	4,190
S310	7/20/2000	653 - 724		VC0080	2,330	0.38 U	4	310	0.17	2.3	295,000	36.5	0.74	72.8	1.1	3,850
S311	7/20/2000	0 - 15		VC0207	5,450	0.5 UJ	9.8	271	0.43	0.39	289,000	26.7	2.6	38.3	2.8	7,530
S311	7/20/2000	15 - 30		VC0208	4,980	0.47 UJ	9.5	714	0.42	1.1	328,000	26.2	2.4	40.3	5.6	6,050
S311	7/20/2000	30 - 100		VC0081	4,550	0.51 U	7.4	969	0.33	1.1	288,000	17.1	2.2	34.1	7.3	5,180
S311	7/20/2000	100 - 200		VC0082	5,600	1.2	4.6	45.7	0.38	0.092 U	328,000	10.6	2.9	94.4	4.4	8,870
S311	7/20/2000	200 - 300		VC0083	5,610	0.83	3.9	23.3	0.44	0.083 U	372,000	10.6	2.3	56.7	3.2	7,390
S311	7/20/2000	300 - 400		VC0084	5,610	0.62 UJ	3.7	27.3	0.46	0.091 U	353,000	11.4	2.3	70	5.8	9,880
S311	7/20/2000	400 - 500		VC0085	6,450	0.66 UJ	3.3	26.7	0.48	0.097 U	340,000	12.8	2.8	46.9	3.7	7,750
S311	7/20/2000	500 - 600		VC0086	7,050	0.73 UJ	5.7	48.8	0.54	0.11 U	326,000	15.7	4.2	37.1	18.6	9,320
S312	8/14/2000	0 - 15		SF0068	2,180	3.5	4.8	135	0.26	0.89	348,000	46.9	1.4	38.7	1.2 U	3,290
S312	8/14/2000	15 - 30		SF0069	1,340	7	6.5	88.5	0.19	0.9	381,000	19.9	1	53.7	1 U	2,030
S312	7/20/2000	30 - 100		VC0089	3,670	1.5 J	6.3	357	0.3	0.47	312,000	22.9	1.1	25	1.8	3,770
S312	7/20/2000	100 - 200		VC0090	4,450	0.55 UJ	7.8	527	0.33	0.081 U	270,000	32	1.2	33.9	1.9	5,310
S312	7/20/2000	200 - 300	D1	VC0091	4,480	0.53 UJ	7.6	605	0.35	0.16	284,000	28.8	1.5	32.6	1.7	5,010
S312	7/20/2000	200 - 300	D2	VC0193	4,900	0.52 UJ	8.3	287	0.39	0.28	312,000	32.6	1.9	36.4	1.8	5,650
S312	7/20/2000	300 - 400		VC0092	4,650	0.53 UJ	8.2	734	0.36	0.37	289,000	35.8	1.7	30.2	3.4	5,150
S312	7/20/2000	400 - 500		VC0093	4,780	0.67 J	8.6	845	0.38	1.4	333,000	49.9	2.4	45.4	4.4	5,310
S312	7/20/2000	500 - 600		VC0094	3,790	0.46 UJ	7	954	0.31	2.4	345,000	38.9	1.6	56.8	6.8	4,490
S312	7/20/2000	600 - 700		VC0095	4,150	0.5 UJ	7.5	1,170	0.32	1.3	307,000	20.6	1.6	37.4	6.6	4,470
S313	7/18/2000	0 - 15		VC0187	4,940	0.31 UJ	5	201	0.39	2.7	192,000	81.5	4 J	66.5	0.82 U	10,500
S313	7/18/2000	15 - 30		VC0188	5,000	0.25 J	3.6	73.3	0.28	1.3	181,000	52.5	5 J	102	0.65 U	11,000
S313	7/18/2000	30 - 100	D1	VC0097	3,830	1.4 J	6	227	0.26	6.1	288,000	103	3 J	101	0.93 U	5,890
S313	7/18/2000	30 - 100	D2	VC0194	3,580	1.4 J	6.7	237	0.27	6.4	305,000	108	3.2 J	106	0.95 U	5,960
S313	7/18/2000	100 - 200		VC0098	5,290	1.7 J	7.8	407	0.34	4.2	248,000	140	6.7 J	151	0.93 U	8,710
S313	7/18/2000	200 - 300		VC0099	7,510	0.58 J	10	744	0.43	0.63	239,000	36.3	3.5 J	104	0.95 U	11,500
S313	7/18/2000	300 - 400		VC0100	7,840	0.52 J	5.8	88	0.41	0.25	166,000	16	3.4 J	81.1	1.1	12,700
S313	7/18/2000	400 - 500		VC0101	7,090	0.36 J	4.1	83.9	0.37	0.081	234,000	11.9	2.6 J	33.3	1.3	9,220
S313	7/18/2000	500 - 600		VC0102	5,850	0.34 UJ	1.9	100	0.3	0.05 U	216,000	9.1	2.7 J	11.1	0.89 U	8,920
S313	7/18/2000	600 - 700		VC0103	2,900	0.38 UJ	0.71	99.7	0.18	0.056 U	270,000	5.2	1.2 J	5.7	1 U	5,260
S313	7/18/2000	700 - 800		VC0104	3,830	0.35 UJ	1.1	99.4	0.22	0.052 U	252,000	6.5	1.6 J	7	0.93 U	6,780
S314	8/10/2000	0 - 15		SF0072	4,690	1.3 J	13.5	395	0.47	4.3	278,000	141	5.7	106	1.1 U	12,900
S314	8/10/2000	15 - 30		SF0073	3,800	1.1 J	17.3	391	0.5	4.6	284,000	148	4.3	85	1.1 U	13,000
S314	7/19/2000	30 - 100	D1	VC0105	3,340	0.7	7.4	232	0.33	8.5	285,000	151	4.1	90.8	0.99 U	6,020
S314	7/19/2000	30 - 100	D2	VC0200	3,470	0.92	7.3	234	0.33	8.7	288,000	152	3.6	93.9	1 U	6,240
S314	7/19/2000	100 - 200		VC0106	2,180	1.9	5.8	197	0.24	7	321,000	109	3.1	92	0.94 U	4,120
S314	7/19/2000	200 - 300		VC0107	5,250	2.7	7.9	439	0.4	3.1	265,000	118	4.8	136	1.1 U	6,720
S314	7/19/2000	300 - 400		VC0108	6,890	1.1	8.9	718	0.44	6.2	243,000	125	7.7	179	0.96 U	11,200

Table B1-20. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Aluminum (mg/kg-dw)	Antimony (mg/kg-dw)	Arsenic (mg/kg-dw)	Barium (mg/kg-dw)	Beryllium (mg/kg-dw)	Cadmium (mg/kg-dw)	Calcium (mg/kg-dw)	Chromium (mg/kg-dw)	Cobalt (mg/kg-dw)	Copper (mg/kg-dw)	Cyanide (mg/kg-dw)	Iron (mg/kg-dw)
S314	7/19/2000	400 - 500		VC0109	8,280	0.63	11.5	599	0.48	0.72	200,000	36.7	4.1	128	0.94	13,100
S314	7/19/2000	500 - 600		VC0110	8,270	0.67	7.7	90.9	0.46	0.47	216,000	18.5	3.9	105	0.94 U	12,600
S314	7/19/2000	600 - 700		VC0111	7,290	0.63	4.3	66.2	0.41	0.14	248,000	11	2.3	35.4	1.1 U	7,380
S314	7/19/2000	700 - 800		VC0112	7,900	0.68	4.3	91.4	0.43	0.11	231,000	12.8	3.1	33	0.99 U	9,900
S315	8/11/2000	0 - 15		SF0074	7,560	1.2 J	4.9	286 J	0.4	2.8	210,000	83.7	4.3	125	2.1 U	20,700
S315	8/14/2000	15 - 30		SF0075	9,180	0.95	4.4	282	0.47	2.5	196,000	77.5	4.6	116	1.9 U	20,600
S315	7/19/2000	30 - 100		VC0113	10,700	1.4	8.2	258	0.66	13	190,000	240	6.7	187	1.4 U	16,500
S315	7/19/2000	100 - 200		VC0114	11,000	2	10.7	436	0.75	47.6	158,000	519	8.6	407	2.4	18,100
S315	7/19/2000	200 - 300		VC0115	5,970	1.9	7.7	583	0.4	16.6	254,000	260	4.1	309	1.3	9,120
S315	7/19/2000	300 - 400		VC0116	8,370	1.3	11.1	553	0.49	22.2	189,000	158	5.4	277	1.4	15,600
S315	7/19/2000	400 - 500		VC0117	12,300	1.5	17.4	477	0.66	1.6	124,000	34.2	6.2	235	1.4	22,800
S315	7/19/2000	500 - 600		VC0118	13,500	0.73	8.3	127	0.66	0.48	113,000	23.9	6.7	120	0.9 U	21,200
S315	7/19/2000	600 - 673		VC0119	16,500	0.54	5.8	130	0.75	0.12	77,200	25	8.3	47.5	0.87 U	22,500
S315	7/19/2000	673 - 767		VC0120	10,400	0.36 U	2.5	134	0.53	0.053 U	142,000	15.6	5.4	13.9	0.95 U	17,000
S316	8/10/2000	0 - 15		SF0076	1,800	0.25 UJ	1.2	24.2	0.12	0.077	45,300	6.3	1.7	30.2	0.66 U	5,460
S316	8/10/2000	15 - 30		SF0077	3,350	0.24 UJ	1.6	36	0.19	0.036 U	56,000	6.4	2.4	7.6	0.64 U	7,030
S316	7/15/2000	30 - 102		VC0121	1,740	0.29 J	0.87	51.6 J	0.037	0.039 U	132,000	3.5	0.73	3.1 J	0.7 U	3,450
S316	7/15/2000	102 - 201		VC0122	3,470	0.34 UJ	1.1	99.4 J	0.22	0.05 U	262,000	6.3	1.9	6 J	0.9 U	6,170
S316	7/15/2000	201 - 300		VC0123	3,200	0.37 UJ	0.56	96.3 J	0.2	0.055 U	258,000	5.9	1.8	4.7 J	0.98 U	6,120
S316	7/15/2000	300 - 400		VC0124	4,520	0.38 UJ	0.96	103 J	0.26	0.056 U	250,000	7.5	2.2	6.4 J	0.99 U	7,950
S316	7/15/2000	400 - 500		VC0125	4,950	0.46 J	0.98	101 J	0.28	0.055 U	229,000	8.1	2.5	7.4 J	0.99 U	8,870
S316	7/15/2000	500 - 600		VC0126	6,520	0.37 UJ	1.3	101	0.38	0.054 U	194,000	10.5	3.5	9.5	0.96 U	11,600
S316	7/15/2000	600 - 700		VC0127	7,490	0.34 UJ	1.6	98.9	0.4	0.05 U	171,000	11.8	4	11	0.89 U	13,400
S316	7/15/2000	700 - 800		VC0128	7,770	0.36 J	1.5	100	0.42	0.048 U	161,000	12.4	4.4	12	0.87 U	14,500
S317	8/11/2000	0 - 15		SF0078	5,920	0.81 J	4.3	292 J	0.4	3.2	199,000	82.6	6.6	118	1.4 U	18,900
S317	8/4/2000	15 - 30		SF0079	8,120	0.59 J	4.5	238	0.52	7.4	203,000	131 J	5.9	115	1.1 U	14,300
S317	7/15/2000	30 - 100		VC0129	9,570	1 J	8.1	333	0.63	22.6	177,000	314	7.5	224	1.3	16,800
S317	7/15/2000	100 - 200		VC0130	9,570	1.1 J	9.7	311	0.59	19.3	162,000	176	6.3	226	1.1 U	17,700
S317	7/15/2000	200 - 300		VC0131	12,100	0.5 J	10.8	149	0.65	0.73	114,000	23.1	6.3	247	0.97 U	20,100
S317	7/15/2000	300 - 400		VC0132	12,400	0.35 UJ	8.9	149	0.67	0.68	78,200	25.7	7	194	0.95	21,700
S317	7/15/2000	400 - 500		VC0133	10,800	0.65 J	4.3	103	0.56	0.048 U	103,000	19	6	36.7	0.86 U	17,900
S317	7/15/2000	500 - 600		VC0134	13,900	0.86 J	8.5	108	0.7	0.19	101,000	26.7	7	131	1.9	22,600
S317	7/15/2000	600 - 700		VC0135	8,210	0.33 UJ	1.8	98.4	0.46	0.048 U	148,000	13	4.7	11.4	0.87 U	14,300
S318	7/14/2000	0 - 15		VC0189	1,360	0.24 UJ	1.1	38.5 J	0.053	2.2	47,400	23.7	1.4	45.9 J	0.64 U	4,160
S318	7/14/2000	15 - 30		VC0190	1,430	0.24 UJ	0.98	27.8 J	0.053	2.9	49,000	25.7	1.5	72.7 J	0.63 U	4,200
S318	7/14/2000	30 - 100		VC0137	1,160	0.24 UJ	0.73	20.7	0.12	3	40,700	29.2	1.8	46.3	0.63 U	3,190
S318	7/14/2000	100 - 200		VC0138	3,630	0.32 UJ	1.1	69.7	0.22	0.14	169,000	8	2.8	5.4	0.83 U	7,990
S318	7/14/2000	200 - 300		VC0139	3,090	0.35 UJ	0.74	88.8	0.19	0.051 U	218,000	5.8	1.7	4.3	0.91 U	6,380
S318	7/14/2000	300 - 400		VC0140	4,790	0.36 UJ	1.2	98.6	0.27	0.053 U	221,000	8.1	2.5	6.3	0.95 U	8,790
S318	7/14/2000	400 - 500		VC0141	5,400	0.38 UJ	0.89	111	0.3	0.056 U	243,000	8.7	2.7	7.4	1 U	9,390
S318	7/14/2000	500 - 600		VC0142	5,920	0.36 UJ	1.4	102	0.33	0.052 U	198,000	9.8	3.1	8.9	0.94 U	10,900
S318	7/14/2000	600 - 700		VC0143	6,930	0.35 J	1.7	99.9	0.37	0.049 U	170,000	11.2	3.7	10.7	0.87 U	12,800
S318	7/14/2000	700 - 800		VC0144	8,440	0.32 UJ	2	97.8	0.43	0.048 U	143,000	13.1	4.6	12.6	0.85 U	15,500
S319	8/4/2000	0 - 15		SF0082	5,980	0.52 J	4	196	0.44	4.1	170,000	70.4 J	6.3	91.7	1 U	14,600
S319	8/4/2000	15 - 30		SF0083	7,140	0.53 J	4.1	208	0.46	6	182,000	94.6 J	5.8	99.8	1 U	14,000
S319	7/14/2000	30 - 100		VC0145	11,500	0.82 J	8.9	292	0.67	32.9	122,000	297	8.1	226	1 U	20,000
S319	7/14/2000	100 - 200		VC0146	10,700	0.71 J	10.1	276 J	0.63	2.3	130,000	40.4	5.7	147 J	1 U	19,700

Table B1-20. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Aluminum (mg/kg-dw)	Antimony (mg/kg-dw)	Arsenic (mg/kg-dw)	Barium (mg/kg-dw)	Beryllium (mg/kg-dw)	Cadmium (mg/kg-dw)	Calcium (mg/kg-dw)	Chromium (mg/kg-dw)	Cobalt (mg/kg-dw)	Copper (mg/kg-dw)	Cyanide (mg/kg-dw)	Iron (mg/kg-dw)
S319	7/14/2000	200 - 300		VC0147	13,700	0.74 J	10.7	148 J	0.69	0.69	90,100	25.3	6.4	165 J	0.91 U	22,600
S319	7/14/2000	300 - 400		VC0148	14,700	0.83 J	8.5	172	0.39	0.67	104,000	29.9	6.3	207	0.93 U	23,400
S319	7/14/2000	400 - 500		VC0149	12,900	0.34 UJ	4.9	124	0.32	0.05 U	112,000	21	6.1	54.2	0.89 U	19,700
S319	7/14/2000	500 - 600		VC0150	10,000	0.35 UJ	2.8	110 J	0.46	0.051 U	159,000	16.4	5	16.1 J	0.91 U	15,900
S319	7/14/2000	600 - 700		VC0151	9,670	0.34 UJ	2.2	106 J	0.44	0.05 U	143,000	16.2	5.1	13.4 J	0.9 U	15,800
S319	7/14/2000	700 - 800		VC0152	11,900	0.34 UJ	2.9	107 J	0.51	0.05 U	107,000	18	6	15.1 J	0.89 U	18,800
S320	8/13/2000	0 - 15		SF0084	10,200	0.63 UJ	4.7	273	0.55	4.2	193,000	85.5 J	6.6	119	1.7 U	20,600
S320	8/14/2000	15 - 30		SF0085	11,600	0.63 U	5.6	253	0.58	3.5	165,000	72.1	6.1	102	1.7 U	21,100
S320	7/13/2000	30 - 100		VC0153	13,900	1 J	9.8	245	0.8	24.1	126,000	290	9.2	206	1.3 U	22,000
S320	7/13/2000	100 - 200		VC0154	10,700	1.4 J	8.4	276	0.63	46.6	106,000	400	6.8	325	7.5	18,300
S320	7/13/2000	200 - 300		VC0155	11,500	1.3 J	11	290	0.61	13.5	132,000	104	6.9	193	1.2	21,600
S320	7/13/2000	300 - 400		VC0156	10,700	1.1 J	10	221	0.55	3	70,900	38.7	6	157	1.2	20,600
S320	7/13/2000	400 - 500		VC0157	16,100	0.36 UJ	4.3	134	0.72	0.1	94,500	23.1	8.1	25.8	0.93 U	23,600
S320	7/13/2000	500 - 600		VC0158	13,900	0.35 UJ	3.8	127	0.66	0.11	78,400	20.9	8	18.1	0.93 U	24,300
S320	7/13/2000	600 - 700		VC0159	14,900	0.35 UJ	3.7	133	0.68	0.11	82,000	21.6	8	17.5	0.93 U	24,500
S321	8/4/2000	0 - 15		SF0086	1,630	0.3 J	0.93	52.1	0.15	1.6	112,000	26.2 J	1.4	30.4	0.7 U	3,830
S321	8/4/2000	15 - 30		SF0087	1,060	0.25 UJ	0.58	30.2	0.089	0.42	72,100	5.6 J	0.87	4.7	0.65 U	2,370
S321	7/13/2000	30 - 100		VC0161	1,820	0.25 UJ	0.6	31.7	0.095	0.037 U	72,900	4.2	1.2	2.2	0.89 U	3,530
S321	7/13/2000	100 - 200		VC0162	3,480	0.29 UJ	1.3	51.3	0.18	0.043 U	82,400	6.7	2.5	4.4	0.77 U	7,550
S321	7/13/2000	200 - 300		VC0163	4,240	0.3 UJ	1.6	71.9	0.21	0.044 U	123,000	7.6	3	5.2	0.78 U	9,140
S321	7/13/2000	300 - 400		VC0164	6,180	0.3 UJ	2	77.8	0.32	0.078	116,000	11.1	4.4	8.2	0.78 U	12,400
S321	7/13/2000	400 - 500		VC0165	7,360	0.3 J	2.6	84.9	0.39	0.044 UJ	114,000	11.3	4.3	10.6	0.78 U	14,300
S321	7/13/2000	500 - 560		VC0166	7,050	0.31 UJ	2.1	96.8	0.36	0.045 UJ	139,000	11.1	3.9	10.2	1.5 U	13,500
S321	7/13/2000	560 - 600		VC0167B	8,920	0.32 UJ	2.5	111	0.46	0.048 UJ	137,000	13.8	5.1	13.2	0.85 U	16,200
S321	7/13/2000	600 - 700		VC0167	13,500	0.43 UJ	3.8	148	0.68	0.063 UJ	166,000	20.9	8	18.8	1.1 U	22,700
S321	7/13/2000	700 - 800		VC0168	10,400	0.39 J	2.8	115	0.53	0.048 UJ	120,000	15.5	6.1	15.1	0.85 U	18,400
S322	8/10/2000	0 - 15		SF0088	14,500	0.87 J	8.6	214	0.79	14.9	91,800	134	9.2	153	1 U	25,300
S322	8/10/2000	15 - 30		SF0089	17,200	1.3 J	10.2	248	0.93	18.4	80,600	159	10.9	193	1 U	29,700
S322	7/13/2000	30 - 100		VC0169	9,780	1.1 J	6.6	192	0.58	22.9 J	149,000	225	5.7	197	1 U	17,000
S322	7/13/2000	100 - 200		VC0170	5,540	0.36 J	2.9	117	0.34	12.3 J	161,000	137	3.4	124	0.79 U	10,400
S322	7/13/2000	200 - 300		VC0171	6,480	0.33 UJ	1.6	109	0.35	0.089 J	216,000	10.3	3.8	8.5	0.87 U	11,100
S322	7/13/2000	300 - 400		VC0172	9,970	0.32 UJ	2.3	99.5	0.5	0.11 J	130,000	15.7	6.3	12.8	0.83 U	17,300
S322	7/13/2000	400 - 500	D1	VC0173	9,330	0.31 UJ	2.3	106	0.47	0.12 J	153,000	14.4	5.6	12.1	0.81 U	15,300
S322	7/13/2000	400 - 500	D2	VC0185	9,120	0.31 UJ	2.4	106	0.46	0.11 J	157,000	14.3	5.4	12	0.81 U	15,300
S322	7/13/2000	500 - 600		VC0174	8,040	0.28 UJ	1.8	100	0.41	0.073 J	155,000	12.4	4.8	10.8	0.75 U	14,900
S322	7/13/2000	600 - 700		VC0175	7,230	0.23 J	2	74.7	0.37	0.057 J	103,000	11.1	4.4	9.8	0.59 U	13,000
S322	7/13/2000	700 - 800		VC0176	12,300	0.35 UJ	3.3	109	0.62	0.1 J	138,000	18.9	7.9	15.7	0.92 U	20,400
S323	8/13/2000	0 - 15		SF0090	4,330	0.39 UJ	3.6	159	0.43	12.3	287,000	148 J	6.4	97.5	1 U	11,600
S323	8/4/2000	15 - 30		SF0091	8,920	0.82 J	5.7	179	0.5	42	136,000	228 J	5.5	233	1.2 U	16,300
S323	7/12/2000	30 - 100		VC0177	10,200	1.4 J	9.1	275	0.78	88.5	131,000	570	6.2	451	4.4	18,700
S323	7/12/2000	100 - 200		VC0178	10,400	0.64 J	7.8	136	0.53	3.1	176,000	32.2	5.1	95.8	2.3	17,400
S323	7/12/2000	200 - 300		VC0179	8,860	0.53 J	6.5	123	0.46	0.5	206,000	17	4.3	102	1.8	14,700
S323	7/12/2000	300 - 400		VC0180	9,010	0.47 J	3.5	117	0.44	0.05 U	174,000	14.2	4.4	23.5	1.6 U	13,900
S323	7/12/2000	400 - 500		VC0181	12,700	0.33 UJ	3.4	119	0.57	0.049 U	111,000	18.6	6.1	18.3	0.87 U	17,600
S323	7/12/2000	500 - 600		VC0182	8,830	0.35 J	2.3	112	0.45	0.046 U	159,000	13.4	4.9	11	0.82 U	14,700
S323	7/12/2000	600 - 700		VC0183	10,200	0.32 J	2.7	93.5	0.51	0.045 U	120,000	16.1	6.4	13.1	0.8 U	17,800
S323	7/12/2000	700 - 800		VC0184	11,900	0.3 UJ	3.1	85.5	0.57	0.044 U	116,000	17.7	6.9	13.7	1.2 U	19,000

Table B1-20. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Lead (mg/kg-dw)	Magnesium (mg/kg-dw)	Manganese (mg/kg-dw)	Total Mercury (mg/kg-dw)	Nickel (mg/kg-dw)	Potassium (mg/kg-dw)	Selenium (mg/kg-dw)	Silver (mg/kg-dw)	Sodium (mg/kg-dw)	Thallium (mg/kg-dw)	Vanadium (mg/kg-dw)	Zinc (mg/kg-dw)
S301	7/22/2000	0 - 15		VC0215	70.9	5,050	236	3.8	16	1,020	0.64	0.26	1,380 J	0.82 U	7.7	129
S301	7/22/2000	15 - 30		VC0024	151	8,210	247	5.6	26.6	1,230	0.96	0.49	1,960	0.87 U	9.3	120
S301	7/22/2000	30 - 56		VC0001	737	23,300	391	20.5	42.4 J	1,100	1.6 U	0.17 U	3,740 J	1.1 U	12.1	108 J
S301	7/22/2000	56 - 156	D1	VC0002	116	7,820	201	70.2	25.9 J	522 J	0.86	0.17	3,630 J	0.9 U	6.5	122 J
S301	7/22/2000	56 - 156	D2	VC0195	106	7,310	194	87.1	23.5	401	0.59 U	0.12 U	3,020 J	0.79 U	5.6	125
S301	7/22/2000	156 - 256		VC0003	30.9	8,260	224	125	32.9 J	447 J	1.2	0.47	6,220 J	0.88 U	7.7	141 J
S301	7/22/2000	256 - 356		VC0004	68	9,030	342	41.5	41.7 J	1,010 J	1.2 U	0.7	13,000 J	0.95	19.5	183 J
S301	7/22/2000	356 - 437		VC0005	44.7	5,980	225	1.1	26.1 J	1,470 J	1.6	0.43	16,800 J	0.9 U	21.2	146 J
S301	7/22/2000	437 - 537		VC0006	4.6	8,630	447	0.099	12.9	2,140	0.96	0.12 U	17,900 J	0.76 U	12.6	56.3
S301	7/22/2000	537 - 637		VC0007	2.7	6,800	319	0.056	8.9	1,580	0.76	0.11 U	23,700 J	0.72 U	8.6	33.4
S301	7/22/2000	637 - 730		VC0008	3.4	12,500	362	0.05	11.3	2,560	0.53 U	0.11 U	26,600 J	0.7 U	13.3	40.7
S302	8/12/2000	0 - 15		SF0048	39.7 J	11,300	391	3	16.8	1,680	0.96 U	0.2 U	1,260 J	1.3 U	13.6	122
S302	8/14/2000	15 - 30		SF0049	29.1 J	8,130	308 J	3.1	12.9	1,570	0.82 U	0.17 U	1,410 J	1.1 U	11.4 J	92.9
S302	7/22/2000	30 - 59		VC0009	11.9	12,100	361	1.3	4	49.3	0.78	0.12 U	1,720 J	0.79 U	2.1	32.1
S302	7/22/2000	59 - 159		VC0010	46	8,890	293	2.1	17.9	1,460	0.6 U	0.12 U	2,080 J	0.79 U	10.4	102
S302	7/22/2000	159 - 259		VC0011	100	7,700	250	50.8	26.4	1,030	0.63 U	0.28	3,390 J	0.84 U	10	127
S302	7/22/2000	259 - 359		VC0012	42.6	8,690	254	70.8	32.5	653	0.65 U	0.62	6,100 J	0.86 U	8.9	153
S302	7/22/2000	359 - 459		VC0013	32.5	5,570	256	3.7	37.9	476	0.63 U	0.13 U	9,240 J	0.84 U	16.3	148
S302	7/22/2000	459 - 559		VC0014	41.4	7,320	260	0.61	21.4	2,170	0.93	0.41	14,300 J	0.86 U	18.9	137
S302	7/22/2000	559 - 659		VC0015	5.4	9,770	621	0.044 U	16.3	2,670	0.61	0.12 U	19,400 J	0.76 U	16.8	56.7
S302	7/22/2000	659 - 761		VC0016	5.5	11,000	671	0.049	16.5	2,770	1	0.12 U	24,400 J	0.79 U	17	99.9
S303	8/12/2000	0 - 15		SF0038	49.3 J	10,300	458	3.2	21.4	1,950	2.1	0.69	2,340 J	1.8 U	17.3	166
S303	7/22/2000	15 - 30		VC0214	43.1	4,310	172	1.4	20.2	1,160	0.71 U	0.72	2,820 J	0.94 U	8.8	160
S303	7/22/2000	30 - 100		VC0017	70.4	3,320	150	48.6	46.8	574	0.76	1.8	6,040 J	0.88 U	10.5	181
S303	7/22/2000	100 - 200		VC0018	45.2	9,370	309	0.87	24.2	2,720	1.6	0.56	11,300	0.97 U	20.1	145
S303	7/22/2000	200 - 300		VC0019	7.6	13,300	462	0.11	20.5	3,460	1.6	0.15 U	17,800	0.97 U	21.4	72.2
S303	7/22/2000	300 - 400	D1	VC0020	7.2	12,500	503	0.056	19.9	2,970	1.5	0.14 U	23,900	0.91 U	19.5	65.4
S303	7/22/2000	300 - 400	D2	VC0198	6.3	11,100	437	0.14	17.5	2,950	0.87	0.13 U	21,800 J	0.88 U	18.8	68.9
S303	7/22/2000	400 - 500		VC0021	5.3	9,590	695	0.077	15.2	2,330	1.2	0.13 U	25,100	0.82 U	14.6	54.1
S303	7/22/2000	500 - 600		VC0022	4	7,160	606	0.047 U	11.4	1,800	1.2	0.12 U	29,200	0.8 U	11	41.8
S303	7/22/2000	600 - 618		VC0023	2.8	5,990	449	0.042 U	8.4	1,640	1	0.11 U	28,800	0.73 U	8.8	32.3
S304	8/9/2000	0 - 15		SF0052	45.7 J	11,300 J	355 J	2.2	19.7 J	1,450 J	1.2 J	0.14 U	1,430 J	0.89 U	11.4 J	89.1 J
S304	8/9/2000	15 - 30		SF0053	48.3 J	11,100 J	365 J	3.2	36.4 J	1,590 J	1.1 J	0.11 U	1,020 J	0.75 U	16.9 J	68.2 J
S304	7/21/2000	30 - 100		VC0025	156 J	6,490 J	264 J	15.6	22.8	1,380	1.1	0.13 U	2,040 J	0.83 U	9.5	63.1 J
S304	7/21/2000	100 - 200		VC0026	35.3 J	9,170 J	269 J	70.7	24.4	1,230	1.1	0.14 U	2,800 J	0.91 U	10.9	129 J
S304	7/21/2000	200 - 300	D1	VC0027	34.8 J	16,200 J	382 J	53.8	34.9	877	1.3	0.15 U	4,310 J	0.99 U	13.1	200 J
S304	7/21/2000	200 - 300	D2	VC0201	34.9	15,600	377	49.3	36.3 J	842 J	1.2	0.15 U	4,250 J	0.96 U	13.4	169 J
S304	7/21/2000	300 - 400		VC0028	185 J	24,600 J	640 J	36.6	71.6	2,150	1.4 U	0.21	6,800 J	2.3	24.9	189 J
S304	7/21/2000	400 - 500		VC0029	47 J	16,100 J	522 J	5.7	85.1	2,300	1.5	0.15 U	4,240 J	1.8	31	165 J
S304	7/21/2000	500 - 600		VC0030	50.3 J	14,500 J	434 J	0.74	62.9	2,200	2.1	0.15 U	5,290 J	0.97 U	51	158 J
S304	7/21/2000	600 - 700		VC0031	32.4 J	7,180 J	290 J	0.22	20.6	1,910	1.4	0.13 U	5,030 J	0.86 U	19.4	89.5 J
S304	7/21/2000	700 - 727		VC0032	18.5 J	9,440 J	235 J	0.22	17.3	1,400	1.8	0.14 U	6,780 J	0.92 U	22	78.6 J
S305	8/12/2000	0 - 15		SF0054	28.7 J	13,800	328	2.5	15.4	1,790	1.1	0.17 U	793 J	1.1 U	14.3	112
S305	8/4/2000	15 - 30		SF0055	32.1	14,700	348	2.2 J	17.5	2,660	0.77	0.16	1,040 J	1 U	17.9	128
S305	7/21/2000	30 - 100		VC0033	39.8 J	8,330 J	409 J	1.6	17.2	1,800	1.3 U	0.13 U	2,750 J	0.87 U	12.3	118 J
S305	7/21/2000	100 - 200		VC0034	94.6 J	13,900 J	516 J	3.6	28.4	2,820	0.88	0.13 U	2,480 J	0.86 U	18.4	126 J
S305	7/21/2000	200 - 300		VC0035	149 J	13,600 J	437 J	48.9	40.2	2,340	1.4 U	0.23	4,170 J	0.91 U	18.6	178 J

Table B1-20. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Lead (mg/kg-dw)	Magnesium (mg/kg-dw)	Manganese (mg/kg-dw)	Total (mg/kg-dw)	Nickel (mg/kg-dw)	Potassium (mg/kg-dw)	Selenium (mg/kg-dw)	Silver (mg/kg-dw)	Sodium (mg/kg-dw)	Thallium (mg/kg-dw)	Vanadium (mg/kg-dw)	Zinc (mg/kg-dw)
S305	7/21/2000	300 - 400		VC0036	37.5 J	9,280 J	283 J	110	34	1,320	1.4	0.3	3,810 J	0.89 U	11.9	157 J
S305	7/21/2000	400 - 500		VC0037	79.1 J	10,300 J	328 J	28.9	39.3	1,780	1.2	0.46	5,870 J	0.93 U	16.3	158 J
S305	7/21/2000	500 - 600		VC0038	48.5 J	12,500 J	394 J	0.83	42.7	2,480	2.5	0.2	11,600 J	0.92 U	38.4	168 J
S305	7/21/2000	600 - 635		VC0211	68.2	16,900	426	0.31	53 J	3,580 J	3.5	0.37	21,500 J	1.6	49.8	189 J
S305	7/21/2000	635 - 692		VC0039	42.7 J	34,400 J	669 J	0.27	24.8	1,990	1.8	0.27	30,200 J	1.1 U	19.9	130 J
S305	7/21/2000	692 - 737		VC0040	17 J	11,300 J	340 J	0.28	15.1	3,080	0.97	0.13 U	13,100 J	0.82 U	20	71.7 J
S306	7/21/2000	0 - 15		VC0212	7.7	13,400	342	0.69	15.1 J	1,330 J	1.2	0.12 U	2,130 J	0.78 U	9.6	68.4 J
S306	7/21/2000	15 - 30		VC0213	3	12,700	233	0.051 U	8.2 J	1,430 J	0.82	0.13 U	2,870 J	0.88 U	9.8	38.8 J
S306	7/21/2000	30 - 100		VC0041	4 J	17,700 J	257 J	0.051 U	12.1	2,410	1.1	0.13 U	5,660 J	0.88 U	15.5	50.8 J
S306	7/21/2000	100 - 200		VC0042	3.9 J	14,500 J	229 J	0.049 U	11	2,070	0.96	0.13 U	7,250 J	0.85 U	13.2	49.1 J
S306	7/21/2000	200 - 300		VC0043	4.8 J	14,700 J	264 J	0.052 U	13.8	2,380	0.96	0.14 U	11,100 J	0.9 U	14.7	56.5 J
S306	7/21/2000	300 - 400		VC0044	6.3	16,800	321	0.053 U	17.8 J	3,180 J	1	0.14 U	15,700 J	0.92 U	18.9	73.8 J
S306	7/21/2000	400 - 500		VC0045	7	19,200	358	0.056	20.4	3,620 J	1.5	0.14 U	20,400	0.91 U	21.4	75.3 J
S306	7/21/2000	500 - 600	D1	VC0046	6.1	15,500	322	0.052 U	17.7 J	3,050 J	1.3	0.14 U	19,000 J	0.89 U	18.2	61.9 J
S306	7/21/2000	500 - 600	D2	VC0199	6.2	15,700	310	0.051 U	17.6 J	3,500 J	1.1	0.14 U	19,100 J	0.89 U	19.9	61.5 J
S306	7/21/2000	600 - 700		VC0047	6.1	17,000	290	0.049 U	17.3 J	3,350 J	0.83	0.13 U	20,300 J	0.84 U	19.4	61.2 J
S306	7/21/2000	700 - 732		VC0048	5	16,700	255	0.044 U	13.7 J	2,720 J	0.93	0.12 U	16,200 J	0.76 U	17	46.9 J
S307	7/18/2000	0 - 15		VC0196	126	2,530	414	0.41	132	94.9 J	1.6	0.11 U	4,740	0.74 U	27.4	57
S307	7/18/2000	15 - 30		VC0197	6.5	2,840	141	0.077	12.8	174 J	1.2	0.11 U	7,020	0.75 U	3.3	27.6
S307	7/18/2000	30 - 100		VC0049	0.92	3,400	115	0.051 U	4.7	380	0.89	0.14 U	15,700	0.88 U	2.4	15.8
S307	7/18/2000	100 - 200		VC0050	0.54	3,490	87.7	0.052 U	2.7	492	1.2	0.14 U	20,800	0.91 U	2.7	14.1
S307	7/18/2000	200 - 300		VC0051	0.8	4,010	123	0.05 U	3.7	735	0.79	0.13 U	23,100	0.87 U	3.8	13.2
S307	7/18/2000	300 - 400		VC0052	2.8	6,050	282	0.05 U	7.5	1,470	0.7	0.14 U	26,400	0.88 U	7.6	26.5
S307	7/18/2000	400 - 500		VC0053	3.2	13,800	340	0.036 U	8.4	1,740	0.5	0.1 U	10,800	0.64 U	14.6	25.4
S307	7/18/2000	500 - 600		VC0054	3.4	14,500	299	0.1 J	8.7	1,910	0.45 U	0.09 U	9,160	0.59 U	13.8	24.7
S308	8/10/2000	0 - 15		SF0060	111	6,770	467 J	4.2	158	1,610	1.1 U	2.1	2,030 J	1.5 U	70.7 J	240
S308	8/10/2000	15 - 30		SF0061	91.3	5,280	303 J	2.7	111	1,450	0.94 U	2	2,820 J	1.2 U	49.4 J	232
S308	7/18/2000	30 - 100	D1	VC0057	1,350	5,810	354	10.4 J	342	1,290	4.6	7.7	9,730	1.6 U	86.9	584
S308	7/18/2000	30 - 100	D2	VC0191	1,400	5,180	326	14.2	321	978 J	4.8	6.4	9,650	1.5 U	80.9	560
S308	7/18/2000	100 - 200		VC0058	156	10,200	251	2 J	45.5	656	2.2	2.1	15,200	1.3 U	23.1	205
S308	7/18/2000	200 - 259		VC0059	56.9	7,880	532	1.2 J	14.3	2,260 J	1.6	0.35	18,500	1.1 U	17	153
S308	7/18/2000	259 - 359		VC0060	5.7	8,410	584	0.05 U	15.4	2,780 J	1.1	0.13 U	18,000	0.88 U	16.6	54.7
S308	7/18/2000	359 - 459		VC0061	5.1	7,660	500	0.052	14	2,050	1	0.13 U	23,900	0.84 U	13	47
S308	7/18/2000	459 - 559		VC0062	3.5	6,570	389	0.096 J	10.5	1,820 J	1	0.12 U	28,000	0.81 U	10.5	41.2
S308	7/18/2000	559 - 593		VC0063	3.5	6,230	331	0.2 J	9.4	1,830 J	0.6 U	0.12 U	31,400	0.8 U	10.3	36.2
S309	8/14/2000	0 - 15		SF0062	468 J	9,280	364 J	25.6	139	641	1.2	2.7	2,790 J	1.3 U	34 J	265
S309	8/14/2000	15 - 30		SF0063	552 J	9,870	312 J	25.6	122	488	1	2.4	3,240 J	1.2 U	28.8 J	237
S309	7/20/2000	30 - 74		VC0087	189	9,970	201	8.1 J	52	244	0.9	1.2	3,550	1.1 U	11.4 J	121
S309	7/20/2000	74 - 174		VC0065	30.7	13,400	206	1.6	12.1	130	1.6	0.31	4,290	1.1 U	5.3	53.6
S309	7/20/2000	174 - 274	D1	VC0066	33.2	26,800	774	1.8	9.8	321	2	0.23 U	4,100	1.5 U	11.8	104
S309	7/20/2000	174 - 274	D2	VC0192	39.2	30,900	908	1.8 J	11.2	365	1.8	0.24 U	4,670	1.5 U	13.8 J	125
S309	7/20/2000	274 - 374		VC0067	49.2	24,800	1,400	1.7	12.4	323	3.3	0.28 U	5,190	1.8 U	18.7	113
S309	7/20/2000	374 - 474		VC0068	34.4	20,700	1,220	1.9	10.7	330	1.8	0.24 U	5,590	1.6 U	16.2	90
S309	7/20/2000	474 - 578		VC0069	30.3	20,100	1,090	1.5	9.8	286	2	0.24 U	8,500	1.6 U	14.5	80.2
S309	7/20/2000	578 - 627		VC0070	36.5	15,400	986	1.6	10.7	484	2.2	0.21 U	11,100	1.4 U	13.9	112
S309	7/20/2000	627 - 674		VC0071	18.5	21,600	1,350	1.1	10.2	103	2.2	0.26 U	16,800	1.7 U	16	120
S309	7/20/2000	674 - 696		VC0072	30.9	17,300	1,140	1.5	10.6	435	1.4	0.21 U	16,200	1.4 U	14.8	127
S309	7/20/2000	696 - 730		VC0209	26.8	36,100	372	0.85 J	7.9	606	1.2	0.19 U	20,800	1.2 U	9.8 J	71.9

Table B1-20. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Lead (mg/kg-dw)	Magnesium (mg/kg-dw)	Manganese (mg/kg-dw)	Total (mg/kg-dw)	Nickel (mg/kg-dw)	Potassium (mg/kg-dw)	Selenium (mg/kg-dw)	Silver (mg/kg-dw)	Sodium (mg/kg-dw)	Thallium (mg/kg-dw)	Vanadium (mg/kg-dw)	Zinc (mg/kg-dw)
S309	7/20/2000	730 - 789		VC0210	16.6	48,900	296	0.55 J	8.2	88.9	1.1 U	0.26	35,000	1.5 U	12.4 J	88.9
S310	8/14/2000	0 - 15		SF0064	98.9 J	8,020	411 J	12	45.7	1,520	1.1 U	2.3	2,260 J	1.5 U	23.3 J	188
S310	8/14/2000	15 - 30		SF0065	123 J	8,230	362 J	15.5	56.6	1,340	1.1	2.6	2,610 J	1.4 U	23.1 J	189
S310	7/20/2000	30 - 100		VC0073	239	8,370	209	12.7	67.7	629	1.5	3.5	3,500	1.1 U	10.1	225
S310	7/20/2000	100 - 200		VC0074	38.3	24,100	352	0.088	76.9	211	1.8	0.34	5,190	1.4 U	7.6	73.5
S310	7/20/2000	200 - 300		VC0075	39.5	21,300	373	0.76	29.6	245	1.3	0.62	4,860	1.4 U	8.4	71.6
S310	7/20/2000	300 - 400	D1	VC0076	43.7	18,600	292	1.1	32.8	308	1.6	0.67	4,030	1.3 U	8.1	81.6
S310	7/20/2000	300 - 400	D2	VC0186	48.9	20,900	330	1.1 J	32.1	330	1.3	0.62	4,370	1.3 U	9 J	99.1
S310	7/20/2000	400 - 500		VC0077	34.4	24,900	323	0.64	31.9	149	1.6	0.22 U	4,620	1.4 U	7.6	57.5
S310	7/20/2000	500 - 600		VC0078	20.6	18,500	168	0.71	18.7	111	0.97	0.27	6,770	1.2 U	5.2	40.1
S310	7/20/2000	600 - 653		VC0079	22.6	18,900	166	1.2	23.5	90.1	1.2	0.18 U	7,000	1.1 U	5.5	40.2
S310	7/20/2000	653 - 724		VC0080	58.5	6,580	168	0.98	23.8	295	1.2	0.99	4,870	0.97 U	4.6	99.7
S311	7/20/2000	0 - 15		VC0207	24.3	26,900	410	16 J	23	129	0.97 U	0.2 U	3,240	1.3 U	10.1 J	66.9
S311	7/20/2000	15 - 30		VC0208	42.2	22,200	289	0.75 J	32.9	116	1.1	0.35	4,210	1.2 U	8.7 J	64.5
S311	7/20/2000	30 - 100		VC0081	27.1	23,200	318	0.29	16.2	172	0.99 U	0.2 U	4,630	1.3 U	7.8	70.3
S311	7/20/2000	100 - 200		VC0082	28.4	22,500	875	0.29	8.2	124	1.7	0.25 U	6,760	1.6 U	12.9	97.1
S311	7/20/2000	200 - 300		VC0083	17	12,200	834	0.089	8.6	41	1.1 U	0.22 U	7,090	1.5 U	13.2	52.9
S311	7/20/2000	300 - 400		VC0084	18.4	15,000	1,030	0.34 J	8.7	56.2	1.2 U	0.24 U	7,740	1.6 U	14.7 J	51
S311	7/20/2000	400 - 500		VC0085	13.4	15,700	1,110	0.29 J	9.5	150	1.3 U	0.26 U	8,130	1.7 U	16.9 J	62.1
S311	7/20/2000	500 - 600		VC0086	17.6	24,100	1,490	0.39 J	13	223	1.6	0.29 U	11,100	1.9 U	19.2 J	81.2
S312	8/14/2000	0 - 15		SF0068	107 J	11,600	163 J	33.2	41.3	11.7 U	0.85 U	0.44	5,050 J	1.1 U	5.1 J	79
S312	8/14/2000	15 - 30		SF0069	104 J	7,660	132 J	19	21.5	10.4 U	0.75 U	0.3	6,130 J	1 U	3.6 J	82.8
S312	7/20/2000	30 - 100		VC0089	44.9	16,900	242	12.7 J	23.9	209	1.2	0.18 U	6,110	1.2 U	5.9 J	51.4
S312	7/20/2000	100 - 200		VC0090	23.7	24,400	352	26.7 J	28.1	367	1.1 U	0.22 U	6,500	1.4 U	7.1 J	46.6
S312	7/20/2000	200 - 300	D1	VC0091	38.3	22,500	327	87.3 J	27.1	277	1 U	0.5	6,710	1.4 U	7.9 J	42.8
S312	7/20/2000	200 - 300	D2	VC0193	40.6	25,000	358	56.3 J	30.8	311	1 U	0.52	7,420	1.3 U	8.5 J	57.5
S312	7/20/2000	300 - 400		VC0092	50.1	25,800	348	40.2 J	30.9	258	1 U	0.28	6,590	1.4 U	8.5 J	54.1
S312	7/20/2000	400 - 500		VC0093	79.4	24,900	376	14 J	44.2	202	1.2	0.41	6,620	1.3 U	8.2 J	71.1
S312	7/20/2000	500 - 600		VC0094	55.6	21,000	230	6.2 J	37.5	132	0.9 U	0.66	6,230	1.2 U	6.4 J	122
S312	7/20/2000	600 - 700		VC0095	33.4	27,300	298	2.7 J	23.6	29.3	0.97 U	0.28	6,580	1.3 U	7.5 J	72.6
S313	7/18/2000	0 - 15		VC0187	223	8,840	199	8.8	35.3	1,170 J	1.2	1	1,770	0.8 U	14.7	190
S313	7/18/2000	15 - 30		VC0188	351	15,500	188	4.7	23.5	1,020 J	0.82	0.47	1,160	0.64 U	17.7	134
S313	7/18/2000	30 - 100	D1	VC0097	412	6,350	177	48.5 J	42.5	711 J	1.7	2.3	4,240	0.91 U	9.1	212
S313	7/18/2000	30 - 100	D2	VC0194	423	6,600	185	29	44.8	557 J	1.2	2.4	4,550	0.93 U	9	212
S313	7/18/2000	100 - 200		VC0098	379	8,300	194	14.9 J	47	984 J	1.4	1.9	5,110	0.92 U	15.4	312
S313	7/18/2000	200 - 300		VC0099	143	13,100	309	2.8 J	17.7	1,640 J	1.5	0.71	6,000	0.93 U	14.5	193
S313	7/18/2000	300 - 400		VC0100	112	13,500	320	2.9 J	13.3	1,860 J	1	0.65	5,970	0.84 U	14.5	170
S313	7/18/2000	400 - 500		VC0101	50.5	13,400	346	3 J	9.4	1,450 J	1.2	0.18	9,350	0.92 U	11.7	85.8
S313	7/18/2000	500 - 600		VC0102	9.3	6,390	328	0.051 U	8.7	1,290 J	0.71	0.13 U	10,400	0.87 U	9.7	34.1
S313	7/18/2000	600 - 700		VC0103	1.9	3,790	230	0.18	5.4	543 J	1.2	0.15 U	15,900	0.98 U	4.6	26.3
S313	7/18/2000	700 - 800		VC0104	2.2	4,330	256	0.056	6.9	833 J	1	0.14 U	18,600	0.91 U	5.9	28.4
S314	8/10/2000	0 - 15		SF0072	363	7,530	259 J	41.6	59	769	0.9	2.8	2,200 J	1.1 U	13.7 J	186
S314	8/10/2000	15 - 30		SF0073	199	7,330	261 J	38.3	50.6	341	0.89	2	2,500 J	1.1 U	14 J	170
S314	7/19/2000	30 - 100	D1	VC0105	416	6,180	217	45.9	50.7	614 J	1.5	3.4	3,070 J	1.9	9.4	209
S314	7/19/2000	30 - 100	D2	VC0200	419	6,470	219	46.1	52.1	628 J	1.3	3.4	3,170 J	1 U	9.5	216
S314	7/19/2000	100 - 200		VC0106	296	4,550	177	41.7	48.2	260 J	0.94	2.3	3,720 J	1.5	6.1	180
S314	7/19/2000	200 - 300		VC0107	430	14,200	258	16.2	52	744 J	1.1	2	4,410 J	1.6	10.9	258
S314	7/19/2000	300 - 400		VC0108	244	8,940	220	1.4	37.4	1,510 J	1.8	2.1	3,820 J	1.1	20.6	332

Table B1-20. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Lead (mg/kg-dw)	Magnesium (mg/kg-dw)	Manganese (mg/kg-dw)	Total (mg/kg-dw)	Nickel (mg/kg-dw)	Potassium (mg/kg-dw)	Selenium (mg/kg-dw)	Silver (mg/kg-dw)	Sodium (mg/kg-dw)	Thallium (mg/kg-dw)	Vanadium (mg/kg-dw)	Zinc (mg/kg-dw)
S314	7/19/2000	400 - 500		VC0109	172	12,000	297	2.9	21.6	2,010 J	1.4	1.2	4,190 J	0.9 U	16.4	242
S314	7/19/2000	500 - 600		VC0110	129	12,700	404	3.7	16.5	2,040 J	1.4	0.95	5,680 J	0.92 U	15.4	221
S314	7/19/2000	600 - 700		VC0111	46.9	26,500	340	0.94	8.8	1,140 J	1.3	0.16 U	10,800 J	1 U	10.5	76.7
S314	7/19/2000	700 - 800		VC0112	49.7	15,400	376	0.73	10.8	1,550 J	1.2	0.15 U	12,700 J	0.97 U	12.6	84.2
S315	8/11/2000	0 - 15		SF0074	109 J	9,580	347	9.6	30.4	1,650	1.5 U	6.1	2,260 J	2 U	19.6	241
S315	8/14/2000	15 - 30		SF0075	100 J	9,600	354 J	5.3	28	2,500	1.4 U	5.7	2,340 J	1.9 U	21.9 J	231
S315	7/19/2000	30 - 100		VC0113	224	9,650	280	6	53.8	2,880 J	1.8	8.8	2,540 J	1.4 U	24.2	587
S315	7/19/2000	100 - 200		VC0114	742	10,900	247	26.3	110	2,830 J	2.2	28.5	3,460 J	1.4 U	29.4	819
S315	7/19/2000	200 - 300		VC0115	278	7,600	238	16.8	106	998 J	1.4	9.7	4,800 J	1.2 U	12.5	539
S315	7/19/2000	300 - 400		VC0116	320	7,430	199	3.3	61.7	1,780 J	2.3	9.7	5,260 J	1.1 U	21.8	613
S315	7/19/2000	400 - 500		VC0117	319	11,900	291	1.1	35.6	2,790 J	2	6.4	6,470 J	1 U	23.5	574
S315	7/19/2000	500 - 600		VC0118	149	15,100	356	2.2	23	3,090 J	1.4	1.1	8,030 J	0.88 U	23.9	252
S315	7/19/2000	600 - 673		VC0119	84.2	14,600	383	0.62	24.6	3,820 J	1	0.3	10,300 J	0.86 U	27.8	120
S315	7/19/2000	673 - 767		VC0120	6.7	7,820	395	0.053	17.4	2,260 J	0.7 U	0.14 U	16,100 J	0.93 U	16.2	60.1
S316	8/10/2000	0 - 15		SF0076	50.3	6,080	107 J	0.35	4.6	355	0.49 U	0.11	383 J	0.64 U	5.4 J	53.2
S316	8/10/2000	15 - 30		SF0077	14	6,990	156 J	0.036 U	6.3	723	0.47 U	0.14	1,030 J	0.62 U	7.3 J	25.1
S316	7/15/2000	30 - 102		VC0121	11.5 J	4,370 J	272	0.04 UJ	2.7	363	0.52 U	0.1 U	2,600	0.68 U	3.5	17.8
S316	7/15/2000	102 - 201		VC0122	8.1 J	5,590 J	256	0.063 J	5.5	754	0.66 U	0.13 U	6,180	0.88 U	5.7	33.1
S316	7/15/2000	201 - 300		VC0123	1.8 J	4,750 J	225	0.056 UJ	5.4	635	0.98	0.15 U	9,500	0.96 U	5.2	28.4
S316	7/15/2000	300 - 400		VC0124	2.6 J	5,500 J	250	0.056 UJ	7.2	1,020	0.73 U	0.15 U	11,800	0.97 U	7.3	27.9
S316	7/15/2000	400 - 500		VC0125	2.7 J	5,420 J	251	0.056 UJ	8.2	1,110	0.73 U	0.15 U	14,600	0.97 U	7.9	32.2
S316	7/15/2000	500 - 600		VC0126	4.2	6,300	259	0.055 UJ	10.6	1,480	0.99	0.14 U	15,300	0.94 U	10.5	36.1
S316	7/15/2000	600 - 700		VC0127	4.6	6,610	265	0.051 UJ	12.1	1,740	0.81	0.13 U	16,300	0.87 U	11.8	40
S316	7/15/2000	700 - 800		VC0128	5.2	7,290	265	0.049 UJ	13.7	1,720	0.64 U	0.13 U	17,200	0.85 U	12.2	44
S317	8/11/2000	0 - 15		SF0078	142 J	9,690	290	17.2	34.2	1,140	1.6	4.9	1,440 J	1.4 U	16.2	269
S317	8/4/2000	15 - 30		SF0079	154	9,070	242	6.6 J	35.9	2,250	1.2	4.3	1,450 J	1.1 U	18	313
S317	7/15/2000	30 - 100		VC0129	366	10,100	256	10.5 J	75.3	2,520	1.1	8.7	2,010	1.2 U	24	505
S317	7/15/2000	100 - 200		VC0130	233	9,540	234	5.5	56.8	2,340	0.9	5	1,910	1 U	20.4	525
S317	7/15/2000	200 - 300		VC0131	200	16,200	318	1.9	25.2	3,030	1.2	2.4	1,970	0.95 U	21.5	387
S317	7/15/2000	300 - 400		VC0132	231	17,100	306	2.4	24.3	2,910	0.69 U	2.3	2,780	0.91 U	21.8	375
S317	7/15/2000	400 - 500		VC0133	68.2	11,500	300	0.42	17.4	2,440	0.67	0.27	6,580	0.84 U	18.6	89.5
S317	7/15/2000	500 - 600		VC0134	205	20,500	335	1.9	22.8	3,550	0.71	1.3	5,120	0.92 U	24	232
S317	7/15/2000	600 - 700		VC0135	5.3	7,480	278	0.098 U	13.5	1,870	0.74	0.13 U	11,000	0.85 U	12.9	40.6
S318	7/14/2000	0 - 15		VC0189	52.5 J	4,220 J	116	0.91 J	8.9	251	0.48 U	0.36	1,570	0.63 U	4.1	83.8
S318	7/14/2000	15 - 30		VC0190	29.8 J	4,510 J	121	1.2 J	9.4	275	0.47 U	3.4	1,930	0.62 U	4.3	127
S318	7/14/2000	30 - 100		VC0137	43.7	4,300	94	1	10.6	216	0.47 U	0.33	2,510	0.89	3.1	74.3
S318	7/14/2000	100 - 200		VC0138	2.5	6,270	247	0.047 U	6.9	702	0.69	0.12 U	7,080	0.85	6.2	28.7
S318	7/14/2000	200 - 300		VC0139	1.4	5,350	213	0.052 U	5.7	588	0.67 U	0.14 U	11,300	0.89 U	5.1	24.1
S318	7/14/2000	300 - 400		VC0140	2.3	6,670	226	0.054 U	8.6	1,030	0.7 U	0.14 U	13,800	0.93 U	7.8	30.7
S318	7/14/2000	400 - 500		VC0141	2.8	6,080	219	0.057 U	9.2	1,190	0.89	0.15 U	18,100	0.98 U	8.6	36.6
S318	7/14/2000	500 - 600		VC0142	3.2	6,370	210	0.053 U	10.6	1,350	1.6	0.14 U	20,100	0.92 U	9.6	33.6
S318	7/14/2000	600 - 700		VC0143	4.2	6,770	226	0.049 U	12.5	1,560	0.81	0.13 U	19,700	0.85 U	11.1	39.4
S318	7/14/2000	700 - 800		VC0144	5.2	7,760	237	0.048 U	14.7	1,940	0.63 U	0.13 U	20,200	0.83 U	13.5	43.4
S319	8/4/2000	0 - 15		SF0082	114	8,850	278	3.8 J	26.4	1,660	1.4	2.4	1,160 J	1 U	15.2	246
S319	8/4/2000	15 - 30		SF0083	126	9,810	282	3.1 J	30.2	1,970	1.1	2.7	1,260 J	0.99 U	17.7	264
S319	7/14/2000	30 - 100		VC0145	354	11,900	291	3.3	74.7	3,000	1.5	9	1,940	1 U	26.1	520
S319	7/14/2000	100 - 200		VC0146	177 J	11,000 J	257	1.9	38.7	2,900	1.2	3.2	2,040	0.96 U	20.3	353

Table B1-20. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Lead (mg/kg-dw)	Magnesium (mg/kg-dw)	Manganese (mg/kg-dw)	Total (mg/kg-dw)	Nickel (mg/kg-dw)	Potassium (mg/kg-dw)	Selenium (mg/kg-dw)	Silver (mg/kg-dw)	Sodium (mg/kg-dw)	Thallium (mg/kg-dw)	Vanadium (mg/kg-dw)	Zinc (mg/kg-dw)
S319	7/14/2000	200 - 300		VC0147	160 J	13,200 J	278	2.5	27.5	3,730	0.78	2.5	2,780	0.89 U	24.4	376
S319	7/14/2000	300 - 400		VC0148	245	18,700	317	3.1 J	25.7	3,600	1.6	2.5	4,410 J	0.92 U	26	445
S319	7/14/2000	400 - 500		VC0149	86.4	13,300	336	0.9 J	20.3	2,790	0.81	0.27	6,210 J	0.87 U	21.6	134
S319	7/14/2000	500 - 600		VC0150	12.8 J	8,310 J	330	0.091 J	15	2,450	1.4	0.14 U	9,400	0.89 U	16.2	50.4
S319	7/14/2000	600 - 700		VC0151	5.9 J	7,780 J	284	0.051 UJ	14.9	2,310	1.2	0.14 U	11,300	0.88 U	15.4	49.5
S319	7/14/2000	700 - 800		VC0152	7.1 J	9,470 J	293	0.05 UJ	17.7	2,860	1.1	0.13 U	14,000	0.87 U	19.4	57.3
S320	8/13/2000	0 - 15		SF0084	116 J	13,200	415 J	6.1	29.8	2,660	1.2 U	4	1,870 J	1.6 U	23.1 J	282
S320	8/14/2000	15 - 30		SF0085	99 J	12,900	416 J	3.7	27.5	3,360	1.2 U	3.3	1,880	1.6 U	25.2	264
S320	7/13/2000	30 - 100		VC0153	299	11,400	293	4.1	70.7	3,940	1.9	8.5	2,250 J	1.7	30.9	558
S320	7/13/2000	100 - 200		VC0154	304	8,810	212	10.2	87.1	2,830	1.6	11	2,440 J	1.2	23.7	624
S320	7/13/2000	200 - 300		VC0155	215	9,800	236	1.8	54.3	2,920	1.7	5.7	3,820 J	1.7	25	439
S320	7/13/2000	300 - 400		VC0156	178	12,600	240	2.8	51.5	2,670	1.5	3.8	4,220 J	0.88	20.7	395
S320	7/13/2000	400 - 500		VC0157	31.1	12,500	432	0.22	25	3,700	1.1	0.14 U	10,200 J	0.92 U	25.8	87
S320	7/13/2000	500 - 600		VC0158	9.7	10,400	350	0.052 U	23.8	3,060	1.2	0.14 U	14,200 J	0.91 U	22	73.2
S320	7/13/2000	600 - 700		VC0159	8.7	11,000	368	0.059	24.1	3,500	0.96	0.14 U	19,700 J	0.91 U	23.9	67.9
S321	8/4/2000	0 - 15		SF0086	28	5,280	180	0.21 J	6.3	391	0.52 U	0.2	614 J	0.69 U	3.7	87.9
S321	8/4/2000	15 - 30		SF0087	4.8	4,870	138	0.092 J	2.4	221	0.48 U	0.1 U	966 J	0.64 U	2.6	25.3
S321	7/13/2000	30 - 100		VC0161	1.3	4,630	125	0.037 U	3.2	371	0.58	0.1 U	2,560 J	0.65 U	3.8	15.5
S321	7/13/2000	100 - 200		VC0162	1.9	5,570	171	0.043 U	6.3	752	0.78	0.12 U	5,770 J	0.76 U	7.2	20.2
S321	7/13/2000	200 - 300		VC0163	2.6	6,510	229	0.044 U	7.9	887	0.84	0.12 U	7,050 J	0.77 U	7.8	23.7
S321	7/13/2000	300 - 400		VC0164	3.8	7,870	230	0.044 U	11.8	1,300	1.1	0.12 U	8,130 J	0.77 U	11.1	35.8
S321	7/13/2000	400 - 500		VC0165	5	8,400	241	0.044 U	14	1,630	1.1	0.12 U	8,860	0.76 U	12.4	47.2
S321	7/13/2000	500 - 560		VC0166	4.7	7,640	242	0.045 U	13.1	1,580	0.72	0.12 U	11,000	0.79 U	11.7	49.3
S321	7/13/2000	560 - 600		VC0167B	6.1	8,140	250	0.048 U	16.3	2,120	1.1	0.13 U	13,400	0.83 U	14.3	52
S321	7/13/2000	600 - 700		VC0167	9.5	11,400	347	0.063 U	23.6	2,990	1.2	0.17 U	21,100	1.1 U	21.7	65.2
S321	7/13/2000	700 - 800		VC0168	7.1	8,680	261	0.048 U	19	2,430	1.3	0.13 U	16,600	0.84 U	16.6	62.4
S322	8/10/2000	0 - 15		SF0088	285	16,200	431 J	1	50.9	3,480	0.76 U	5.2	1,250 J	1.1	29.4 J	383
S322	8/10/2000	15 - 30		SF0089	351	19,300	470 J	1.1	62.7	3,820	0.74 U	6.2	2,520 J	1.2	34.6 J	426
S322	7/13/2000	30 - 100		VC0169	203	10,200	306	3.4	50.4	2,720	1.3	4.6	5,090	0.99 U	20.8	499
S322	7/13/2000	100 - 200		VC0170	46.6	7,160	253	0.59	24.6	1,360	0.9	1	6,230	0.78 U	10	235
S322	7/13/2000	200 - 300		VC0171	3.8	5,950	281	0.049 U	10.7	1,640	1.2	0.13 U	12,300	0.85 U	10.3	38.9
S322	7/13/2000	300 - 400		VC0172	6.3	8,230	268	0.047 U	17.7	2,360	0.8	0.12 U	15,100	1.2	16.1	54.8
S322	7/13/2000	400 - 500	D1	VC0173	5.9	7,940	280	0.045 U	16	2,300	0.92	0.12 U	18,000	1.2	15.1	49.1
S322	7/13/2000	400 - 500	D2	VC0185	5.4	7,900	283	0.045 U	15.6	2,150	1.4	0.12 U	18,300	0.8 U	14.7	49.4
S322	7/13/2000	500 - 600		VC0174	5	7,150	299	0.042 U	14	1,980	0.93	0.11 U	20,600	0.73 U	12.7	40.4
S322	7/13/2000	600 - 700		VC0175	4.6	6,500	227	0.033 U	12.9	1,640	0.77	0.09 U	17,200	0.58 U	11.7	36.9
S322	7/13/2000	700 - 800		VC0176	8.1	11,700	386	0.051 U	22.1	2,700	1.1	0.14 U	27,000	0.9 U	20.2	60.6
S323	8/13/2000	0 - 15		SF0090	91.4 J	6,450	351 J	1.6	36.8	1,060	0.77 U	2.4	996 J	1 U	9.7 J	323
S323	8/4/2000	15 - 30		SF0091	167	9,130	265	4.5 J	54.3	2,310	1.3	7.5	1,570 J	1.2 U	18.2	523
S323	7/12/2000	30 - 100		VC0177	239	8,650	240	6.6	89.7	2,760	2.7	12.5	2,580 J	1.2 U	22.5	1,530
S323	7/12/2000	100 - 200		VC0178	81.2	10,300	307	0.74	26	2,950	1.6	2.1	3,790 J	0.95 U	19.4	283
S323	7/12/2000	200 - 300		VC0179	94.2	7,700	321	1.4	15.4	2,160	1.5	1.5	7,000 J	0.96 U	15.7	270
S323	7/12/2000	300 - 400		VC0180	40.7	8,210	344	0.37	13.2	2,340	1.3	0.13 U	9,120 J	0.88 U	15.4	101
S323	7/12/2000	400 - 500		VC0181	22.5	10,400	331	0.13	18.5	3,160	0.91	0.13 U	12,500 J	0.86 U	20.9	71.1
S323	7/12/2000	500 - 600		VC0182	5.3	7,440	331	0.055	14.4	2,170	1	0.12 U	15,100 J	0.8 U	14.1	47.3
S323	7/12/2000	600 - 700		VC0183	6.8	9,150	317	0.045 U	18.4	2,290	0.73	0.12 U	18,300 J	0.78 U	16.3	52.9
S323	7/12/2000	700 - 800		VC0184	7.2	10,100	370	0.044 U	19.6	2,910	0.89	0.12 U	22,200 J	0.94	19.1	61.3

Table B1-21. TOC, Grain Size, and Total Solids in 8-m Cores

Station	Date	Depth (cm)	Duplicate	Sample Number	Percent clay (%-ww)	Percent sand (%-ww)	Percent silt (%-ww)	Total organic carbon (%-dw)	Total solids (%-ww)
S301	7/22/2000	0 - 15		VC0215	7	4	89	5.09	59.4
S301	7/22/2000	15 - 30		VC0024	7	5	88	6.25	56.2
S301	7/22/2000	30 - 56		VC0001	5	1	94	8.43	44.6
S301	7/22/2000	56 - 156	D1	VC0002	7	2	91	5.74	54.4
S301	7/22/2000	56 - 156	D2	VC0195	6	4	90	7.16	62.3
S301	7/22/2000	156 - 256		VC0003	10	2	88	5.82	55.8
S301	7/22/2000	256 - 356		VC0004	9	2	89	8.77	59.5
S301	7/22/2000	356 - 437		VC0005	24	10	66	8.06	54.7
S301	7/22/2000	437 - 537		VC0006	28	18	54	6.26	64.4
S301	7/22/2000	537 - 637		VC0007	27	13	60	4.95	68.4
S301	7/22/2000	637 - 730		VC0008	12	8	80	3.07	70.2
S303	8/12/2000	0 - 15		SF0038	15	13	72	6.29	27.6
S303	7/22/2000	15 - 30		VC0214	9	18	73	8.57	52.4
S303	7/22/2000	30 - 100		VC0017	17	20	63	7.02	55.8
S303	7/22/2000	100 - 200		VC0018	19	21	60	4.18	50.3
S303	7/22/2000	200 - 300		VC0019	21	27	52	6.09	50.3
S303	7/22/2000	300 - 400	D1	VC0020	26	21	53	4.86	53.6
S303	7/22/2000	300 - 400	D2	VC0198	27	24	49	3.99	56
S303	7/22/2000	400 - 500		VC0021	27	21	52	4.5	60.1
S303	7/22/2000	500 - 600		VC0022	33	16	51	6.84	61
S303	7/22/2000	600 - 618		VC0023	31	11	58	5.51	67.3
S304	8/9/2000	0 - 15		SF0052	10	27	63	6.1	56.4
S304	8/9/2000	15 - 30		SF0053	8	62	30	9.33	64.2
S304	7/21/2000	30 - 100		VC0025	10	3	87	4.81	57
S304	7/21/2000	100 - 200		VC0026	11	8	81	6.11	53
S304	7/21/2000	200 - 300	D1	VC0027	12	0	88	5.78	47
S304	7/21/2000	200 - 300	D2	VC0201	13	0	87	6.58	49
S304	7/21/2000	300 - 400		VC0028	13	5	82	8.43	51
S304	7/21/2000	400 - 500		VC0029	13	12	75	6.16	52

Table B1-21. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Percent clay (%-ww)	Percent sand (%-ww)	Percent silt (%-ww)	Total organic carbon (%-dw)	Total solids (%-ww)
S304	7/21/2000	500 - 600		VC0030	10	15	75	9.12	50
S304	7/21/2000	600 - 700		VC0031	14	24	62	8.68	57
S304	7/21/2000	700 - 727		VC0032	11	21	68	10.1	53
S305	8/12/2000	0 - 15		SF0054	6	33	61	5.51	43.1
S305	8/4/2000	15 - 30		SF0055	8	21	71	7.69	48.2
S305	7/21/2000	30 - 100		VC0033	11	2	87	1.96	56.2
S305	7/21/2000	100 - 200		VC0034	18	1	81	5.71	56.8
S305	7/21/2000	200 - 300		VC0035	13	0	87	4.39	54
S305	7/21/2000	300 - 400		VC0036	13	0	87	4.66	55.2
S305	7/21/2000	400 - 500		VC0037	15	2	83	7.48	52.9
S305	7/21/2000	500 - 600		VC0038	16	7	77	9.9	53.3
S305	7/21/2000	600 - 635		VC0211	12	8	80	9.3	51.2
S305	7/21/2000	635 - 692		VC0039	8	6	86	5.52	44.4
S305	7/21/2000	692 - 737		VC0040	18	14	68	6.02	59.7
S306	7/21/2000	0 - 15		VC0212	3	48	49	4.11	63.1
S306	7/21/2000	15 - 30		VC0213	5	31	64	4.84	55.8
S306	7/21/2000	30 - 100		VC0041	8	28	64	4.03	55.6
S306	7/21/2000	100 - 200		VC0042	9	23	68	5.48	57.4
S306	7/21/2000	200 - 300		VC0043	14	14	72	6.34	54.6
S306	7/21/2000	300 - 400		VC0044	18	10	72	6.01	53.4
S306	7/21/2000	400 - 500		VC0045	17	12	71	5.5	53.9
S306	7/21/2000	500 - 600	D1	VC0046	19	12	69	5.83	55.1
S306	7/21/2000	500 - 600	D2	VC0199	19	12	69	7.25	55.2
S306	7/21/2000	600 - 700		VC0047	17	13	70	6.64	58
S306	7/21/2000	700 - 732		VC0048	13	15	72	5.65	64.1
S307	7/18/2000	0 - 15		VC0196	10	61	29	8.24	66
S307	7/18/2000	15 - 30		VC0197	13	55	32	5.68	65
S307	7/18/2000	30 - 100		VC0049	20	46	35	2.66	57
S307	7/18/2000	100 - 200		VC0050	19	24	57	5.5	56

Table B1-21. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Percent clay (%-ww)	Percent sand (%-ww)	Percent silt (%-ww)	Total organic carbon (%-dw)	Total solids (%-ww)
S307	7/18/2000	200 - 300		VC0051	22	20	58	5.73	57
S307	7/18/2000	300 - 400		VC0052	29	22	49	6.24	55
S307	7/18/2000	400 - 500		VC0053	17	36	47	0.49	78
S307	7/18/2000	500 - 600		VC0054	23	35	42	0.49	83
S308	8/10/2000	0 - 15		SF0060	8	8	84	8.21	33.3
S308	8/10/2000	15 - 30		SF0061	11	5	84	5.21	38.7
S308	7/18/2000	30 - 100	D1	VC0057	11	22	67	6.98	32
S308	7/18/2000	30 - 100	D2	VC0191	11	23	66	7.19	33
S308	7/18/2000	100 - 200		VC0058	13	3	84	6.6	40
S308	7/18/2000	200 - 259		VC0059	23	0	77	7.14	46
S308	7/18/2000	259 - 359		VC0060	33	4	63	5.91	55
S308	7/18/2000	359 - 459		VC0061	40	3	57	5.95	58
S308	7/18/2000	459 - 559		VC0062	41	3	56	4.47	62
S308	7/18/2000	559 - 593		VC0063	42	0	58	5.1	64
S309	7/20/2000	30 - 74		VC0087	8	10	82	11.7	44
S311	7/20/2000	0 - 15		VC0207	8	26	66	7.2	38
S311	7/20/2000	15 - 30		VC0208	6	10	84	2.69	41
S313	7/18/2000	0 - 15		VC0187	9	50	41	14	60
S313	7/18/2000	15 - 30		VC0188	7	71	22	5.68	79
S313	7/18/2000	30 - 100	D1	VC0097	7	2	91	3.27 J	54
S313	7/18/2000	30 - 100	D2	VC0194	7	2	91	6.26 J	53
S313	7/18/2000	100 - 200		VC0098	10	7	83	8.45	54
S313	7/18/2000	200 - 300		VC0099	15	5	80	6.79	53
S313	7/18/2000	300 - 400		VC0100	14	21	65	5.12	59
S313	7/18/2000	400 - 500		VC0101	14	11	75	4.98	53
S313	7/18/2000	500 - 600		VC0102	16	21	63	3.95	56
S313	7/18/2000	600 - 700		VC0103	17	14	69	4.09	50
S313	7/18/2000	700 - 800		VC0104	19	10	72	5.4	54
S316	8/10/2000	0 - 15		SF0076	4	91	5	1.15	77.1

Table B1-21. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Percent clay (%-ww)	Percent sand (%-ww)	Percent silt (%-ww)	Total organic carbon (%-dw)	Total solids (%-ww)
S316	8/10/2000	15 - 30		SF0077	2	93	5	1.74	78.1
S316	7/15/2000	30 - 102		VC0121	3	87	10	1.39	71.9
S316	7/15/2000	102 - 201		VC0122	8	40	52	2.96	56.1
S316	7/15/2000	201 - 300		VC0123	9	10	81	6.07	51.7
S316	7/15/2000	300 - 400		VC0124	12	21	67	4.78	50.7
S316	7/15/2000	400 - 500		VC0125	17	12	71	44.5	50.7
S316	7/15/2000	500 - 600		VC0126	19	10	71	3.6	52.9
S316	7/15/2000	600 - 700		VC0127	20	8	72	7.22	55.6
S316	7/15/2000	700 - 800		VC0128	20	9	71	6.12	57.6
S317	8/11/2000	0 - 15		SF0078	7	47	46	8.58	34.3
S317	8/4/2000	15 - 30		SF0079	10	15	75	8.02	44.4
S317	7/15/2000	30 - 100		VC0129	16	12	72	10.5	41.3
S317	7/15/2000	100 - 200		VC0130	15	17	68	9.68	47.8
S317	7/15/2000	200 - 300		VC0131	20	20	60	4.81	53.4
S317	7/15/2000	300 - 400		VC0132	22	15	63	6.61	53.5
S317	7/15/2000	400 - 500		VC0133	20	11	69	3.12	57.5
S317	7/15/2000	500 - 600		VC0134	26	9	65	4.98	53
S317	7/15/2000	600 - 700		VC0135	18	5	77	4.95	57.8
S318	7/14/2000	0 - 15		VC0189	1	91	8	1.24	79
S318	7/14/2000	15 - 30		VC0190	2	92	6	0.99	79.5
S318	7/14/2000	30 - 100		VC0137	3	91	6	1.46	79
S318	7/14/2000	100 - 200		VC0138	7	34	59	6.13	60
S318	7/14/2000	200 - 300		VC0139	8	28	64	6.76	54.4
S318	7/14/2000	300 - 400		VC0140	10	16	74	6.46	53.1
S318	7/14/2000	400 - 500		VC0141	15	19	66	6.89	49.5
S318	7/14/2000	500 - 600		VC0142	18	13	69	7.5	53.3
S318	7/14/2000	600 - 700		VC0143	20	8	72	6.12	56.8
S318	7/14/2000	700 - 800		VC0144	22	7	71	5.64	58.3
S319	8/4/2000	0 - 15		SF0082	5	42	53	9.11	45.9

Table B1-21. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Percent clay (%-ww)	Percent sand (%-ww)	Percent silt (%-ww)	Total organic carbon (%-dw)	Total solids (%-ww)
S319	8/4/2000	15 - 30		SF0083	8	18	74	8.02	47.9
S319	7/14/2000	30 - 100		VC0145	17	13	70	6.99	48
S319	7/14/2000	100 - 200		VC0146	17	14	69	5.58	50.3
S319	7/14/2000	200 - 300		VC0147	22	13	65	5.62	53.6
S319	7/14/2000	300 - 400		VC0148	20	9	71	7.06	53.3
S319	7/14/2000	400 - 500		VC0149	21	13	66	4.64	56.1
S319	7/14/2000	500 - 600		VC0150	18	9	73	6.36	54.9
S319	7/14/2000	600 - 700		VC0151	17	5	78	6.25	55.1
S319	7/14/2000	700 - 800		VC0152	19	5	76	5.08	56.3
S320	8/13/2000	0 - 15		SF0084	8	12	80	6.75	30.2
S320	8/14/2000	15 - 30		SF0085	13	14	73	5.77	30.4
S320	7/13/2000	30 - 100		VC0153	23	12	65	8.92	37.7
S320	7/13/2000	100 - 200		VC0154	23	21	56	7.84	40.9
S320	7/13/2000	200 - 300		VC0155	21	17	62	9.03	48.1
S320	7/13/2000	300 - 400		VC0156	25	22	53	12	54.5
S320	7/13/2000	400 - 500		VC0157	27	6	67	5.19	53.3
S320	7/13/2000	500 - 600		VC0158	25	5	70	5.48	53.5
S320	7/13/2000	600 - 700		VC0159	28	8	64	5.26	53.6
S321	8/4/2000	0 - 15		SF0086	4	93	3	3.8	71.2
S321	8/4/2000	15 - 30		SF0087	3	92	5	3.04	74.3
S321	7/13/2000	30 - 100		VC0161	2	83	15	2.48	74.8
S321	7/13/2000	100 - 200		VC0162	5	66	29	4.72	66.2
S321	7/13/2000	200 - 300		VC0163	7	50	43	5.15	65.4
S321	7/13/2000	300 - 400		VC0164	11	33	56	3.08	64.2
S321	7/13/2000	400 - 500		VC0165	14	15	71	6.34	64
S321	7/13/2000	500 - 560		VC0166	17	15	68	6.39	61.5
S321	7/13/2000	560 - 600		VC0167B	21	13	67	7.67	59.2
S321	7/13/2000	600 - 700		VC0167	21	14	65	6.21	51.3
S321	7/13/2000	700 - 800		VC0168	22	10	68	6.27	58.5

Table B1-21. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Percent clay (%-ww)	Percent sand (%-ww)	Percent silt (%-ww)	Total organic carbon (%-dw)	Total solids (%-ww)
S322	8/10/2000	0 - 15		SF0088	0	19	81	4.79	48.5
S322	8/10/2000	15 - 30		SF0089	23	8	69	6.67	50.9
S322	7/13/2000	30 - 100		VC0169	18	30	52	8.69	47.8
S322	7/13/2000	100 - 200		VC0170	12	44	44	5.37	64.1
S322	7/13/2000	200 - 300		VC0171	17	20	63	7.73	57.5
S322	7/13/2000	300 - 400		VC0172	22	10	68	4.9	60
S322	7/13/2000	400 - 500	D1	VC0173	25	8	67	6.05	61.4
S322	7/13/2000	400 - 500	D2	VC0185	23	9	68	6.48	61.5
S322	7/13/2000	500 - 600		VC0174	25	5	70	6.02	64.6
S322	7/13/2000	600 - 700		VC0175	25	7	68	4.77	74.2
S322	7/13/2000	700 - 800		VC0176	23	8	69	4.08	61
S323	8/13/2000	0 - 15		SF0090	7	63	30	8.64	49
S323	8/4/2000	15 - 30		SF0091	11	16	73	6.33	39.8
S323	7/12/2000	30 - 100		VC0177	18	24	58	10.3	41.4
S323	7/12/2000	100 - 200		VC0178	22	12	66	7.61	51.5
S323	7/12/2000	200 - 300		VC0179	19	20	61	8.48	50.7
S323	7/12/2000	300 - 400		VC0180	19	21	60	6.57	55
S323	7/12/2000	400 - 500		VC0181	25	13	62	6.37	56.6
S323	7/12/2000	500 - 600		VC0182	25	10	65	6.22	60.9
S323	7/12/2000	600 - 700		VC0183	26	4	70	6	62.6
S323	7/12/2000	700 - 800		VC0184	27	4	69	4.84	63.4

Table B1-22. TCL VOCs in Wetland Sediments

	Station:	S379	S379	S379	S380	S380	S381	S381	S382	S382	S383
	Date:	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/11/2000
	Depth (cm):	0 - 15	15 - 30	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15
	Duplicate:		D1	D2							
	Sample Number:	WS0009	WS0010	WS0034	WS0011	WS0012	WS0013	WS0014	WS0015	WS0016	WS0017
Parameter	**Units**										
Acetone	µg/kg-dw	46 UJ	69 UJ	35 UJ	41 U	37 U	38 UJ	31 U	16	34	20 U
Benzene	µg/kg-dw	11 UJ	17 UJ	8.7 UJ	10 U	9.2 U	9.4 UJ	7.8 U	7.8 U	7.8 U	3.9
Bromodichloromethane	µg/kg-dw	11 UJ	17 UJ	8.7 UJ	10 U	9.2 U	9.4 UJ	7.8 U	7.8 U	7.8 U	9.2 U
Bromoform	µg/kg-dw	11 UJ	17 UJ	8.7 UJ	10 U	9.2 U	9.4 UJ	7.8 U	7.8 U	7.8 U	9.2 U
Bromomethane	µg/kg-dw	11 UJ	17 UJ	8.7 UJ	10 U	9.2 U	9.4 UJ	7.8 U	7.8 U	7.8 U	9.2 U
2-Butanone	µg/kg-dw	23 UJ	35 UJ	17 UJ	20 U	18 U	19 UJ	16 U	16 U	26	5.7
Carbon disulfide	µg/kg-dw	23 UJ	35 UJ	17 UJ	20 U	18 U	19 UJ	16 U	16 U	16 U	18 U
Carbon tetrachloride	µg/kg-dw	11 UJ	17 UJ	8.7 UJ	10 U	9.2 U	9.4 UJ	7.8 U	7.8 U	7.8 U	9.2 U
Chlorobenzene	µg/kg-dw	11 UJ	17 UJ	8.7 UJ	10 U	9.2 U	9.4 UJ	7.8 U	7.8 U	7.8 U	110
Chloroethane	µg/kg-dw	11 UJ	17 UJ	8.7 UJ	10 U	9.2 U	9.4 UJ	7.8 U	7.8 U	7.8 U	9.2 U
Chloroform	µg/kg-dw	11 UJ	17 UJ	8.7 UJ	10 U	9.2 U	9.4 UJ	7.8 U	7.8 U	7.8 U	9.2 U
Chloromethane	µg/kg-dw	11 UJ	17 UJ	8.7 UJ	10 U	9.2 U	9.4 UJ	7.8 U	7.8 U	7.8 U	9.2 U
Dibromochloromethane	µg/kg-dw	11 UJ	17 UJ	8.7 UJ	10 U	9.2 U	9.4 UJ	7.8 U	7.8 U	7.8 U	9.2 U
1,1-Dichloroethane	µg/kg-dw	11 UJ	17 UJ	8.7 UJ	10 U	9.2 U	9.4 UJ	7.8 U	7.8 U	7.8 U	9.2 U
1,2-Dichloroethane	µg/kg-dw	11 UJ	17 UJ	8.7 UJ	10 U	9.2 U	9.4 UJ	7.8 U	7.8 U	7.8 U	9.2 U
1,1-Dichloroethene	µg/kg-dw	11 UJ	17 UJ	8.7 UJ	10 U	9.2 U	9.4 UJ	7.8 U	7.8 U	7.8 U	9.2 U
Cis-1,2-dichloroethene	µg/kg-dw	11 UJ	17 UJ	8.7 UJ	10 U	9.2 U	9.4 UJ	7.8 U	7.8 U	7.8 U	9.2 U
Trans-1,2-dichloroethene	µg/kg-dw	11 UJ	17 UJ	8.7 UJ	10 U	9.2 U	9.4 UJ	7.8 U	7.8 U	7.8 U	9.2 U
1,2-Dichloropropane	µg/kg-dw	11 UJ	17 UJ	8.7 UJ	10 U	9.2 U	9.4 UJ	7.8 U	7.8 U	7.8 U	9.2 U
Cis-1,3-dichloropropene	µg/kg-dw	11 UJ	17 UJ	8.7 UJ	10 U	9.2 U	9.4 UJ	7.8 U	7.8 U	7.8 U	9.2 U
Trans-1,3-dichloropropene	µg/kg-dw	11 UJ	17 UJ	8.7 UJ	10 U	9.2 U	9.4 UJ	7.8 U	7.8 U	7.8 U	9.2 U
Ethylbenzene	µg/kg-dw	11 UJ	17 UJ	8.7 UJ	10 U	9.2 U	9.4 UJ	7.8 U	7.8 U	7.8 U	7
2-Hexanone	µg/kg-dw	23 UJ	35 UJ	17 UJ	20 U	18 U	19 UJ	16 U	16 U	16 U	18 U
4-Methyl-2-pentanone	µg/kg-dw	23 UJ	35 UJ	17 UJ	20 U	18 U	19 UJ	16 U	16 U	16 U	18 U
Methylene chloride	µg/kg-dw	11 UJ	17 UJ	8.7 UJ	10 U	9.2 U	9.4 UJ	7.8 U	7.8 U	7.8 U	9.2 U
Styrene	µg/kg-dw	11 UJ	17 UJ	8.7 UJ	10 U	9.2 U	9.4 UJ	7.8 U	7.8 U	7.8 U	9.2 U
1,1,2,2-Tetrachloroethane	µg/kg-dw	11 UJ	17 UJ	8.7 UJ	10 U	9.2 U	9.4 UJ	7.8 U	7.8 U	7.8 U	9.2 U
Tetrachloroethene	µg/kg-dw	11 UJ	17 UJ	8.7 UJ	10 U	9.2 U	9.4 UJ	7.8 U	7.8 U	7.8 U	9.2 U
Toluene	µg/kg-dw	11 UJ	17 UJ	8.7 UJ	10 U	9.2 U	9.4 UJ	7.8 U	7.8 U	7.8 U	9.2 U
1,1,1-Trichloroethane	µg/kg-dw	11 UJ	17 UJ	8.7 UJ	10 U	9.2 U	9.4 UJ	7.8 U	7.8 U	7.8 U	9.2 U
1,1,2-Trichloroethane	µg/kg-dw	11 UJ	17 UJ	8.7 UJ	10 U	9.2 U	9.4 UJ	7.8 U	7.8 U	7.8 U	9.2 U
Trichloroethene	µg/kg-dw	11 UJ	17 UJ	8.7 UJ	10 U	9.2 U	9.4 UJ	7.8 U	7.8 U	7.8 U	9.2 U
Vinyl chloride	µg/kg-dw	11 UJ	17 UJ	8.7 UJ	10 U	9.2 U	9.4 UJ	7.8 U	7.8 U	7.8 U	9.2 U
meta- and para-Xylenes	µg/kg-dw	11 UJ	17 UJ	8.7 UJ	10 U	9.2 U	9.4 UJ	7.8 U	7.8 U	7.8 U	9.2 U
ortho-Xylene	µg/kg-dw	11 UJ	17 UJ	8.7 UJ	10 U	9.2 U	9.4 UJ	7.8 U	7.8 U	7.8 U	9.2 U

Table B1-22. (cont.)

	Station:	S383	S384	S384	S385	S385	S385	S386	S386	S387
	Date:	8/11/2000	8/11/2000	8/11/2000	8/11/2000	8/11/2000	8/11/2000	8/11/2000	8/11/2000	8/12/2000
	Depth (cm):	15 - 30	0 - 15	15 - 30	0 - 15	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15
	Duplicate:				D1	D2				
	Sample Number:	WS0018	WS0019	WS0020	WS0021	WS0033	WS0022	WS0023	WS0024	WS0025
Parameter	Units									
Acetone	µg/kg-dw	230 J	63 UJ	240 J	20 UJ	39 U	110 UJ	46 U	83 U	22 U
Benzene	µg/kg-dw	35 J	60 J	160 J	4.5 J	4.9	27 J	8.3 U	6.9 U	5.6 U
Bromodichloromethane	µg/kg-dw	8.8 UJ	15 UJ	9.1 UJ	9.7 UJ	9.8 U	8 UJ	8.3 U	6.9 U	5.6 U
Bromoform	µg/kg-dw	8.8 UJ	15 UJ	9.1 UJ	9.7 UJ	9.8 U	8 UJ	8.3 U	6.9 U	5.6 U
Bromomethane	µg/kg-dw	8.8 UJ	15 UJ	9.1 UJ	9.7 UJ	9.8 U	8 UJ	8.3 U	6.9 U	5.6 U
2-Butanone	µg/kg-dw	47 J	4.2 J	51 J	19 UJ	20 U	35 J	5.5	17	11 U
Carbon disulfide	µg/kg-dw	2.8 J	30 UJ	8.4 J	19 UJ	20 U	7.4 J	17 U	14 U	11 U
Carbon tetrachloride	µg/kg-dw	8.8 UJ	15 UJ	9.1 UJ	9.7 UJ	9.8 U	8 UJ	8.3 U	6.9 U	5.6 U
Chlorobenzene	µg/kg-dw	540	600	3,500	80 J	74		10 J	39	5.6 U
Chloroethane	µg/kg-dw	8.8 UJ	15 UJ	9.1 UJ	9.7 UJ	9.8 U	8 UJ	8.3 U	6.9 U	5.6 U
Chloroform	µg/kg-dw	8.8 UJ	15 UJ	9.1 UJ	9.7 UJ	9.8 U	8 UJ	8.3 U	6.9 U	5.6 U
Chloromethane	µg/kg-dw	8.8 UJ	15 UJ	9.1 UJ	9.7 UJ	9.8 U	8 UJ	8.3 U	6.9 U	5.6 U
Dibromochloromethane	µg/kg-dw	8.8 UJ	15 UJ	9.1 UJ	9.7 UJ	9.8 U	8 UJ	8.3 U	6.9 U	5.6 U
1,1-Dichloroethane	µg/kg-dw	8.8 UJ	15 UJ	9.1 UJ	9.7 UJ	9.8 U	8 UJ	8.3 U	6.9 U	5.6 U
1,2-Dichloroethane	µg/kg-dw	8.8 UJ	15 UJ	9.1 UJ	9.7 UJ	9.8 U	8 UJ	8.3 U	6.9 U	5.6 U
1,1-Dichloroethene	µg/kg-dw	8.8 UJ	15 UJ	9.1 UJ	9.7 UJ	9.8 U	8 UJ	8.3 U	6.9 U	5.6 U
Cis-1,2-dichloroethene	µg/kg-dw	8.8 UJ	15 UJ	2 J	9.7 UJ	9.8 U	8 UJ	8.3 U	6.9 U	5.6 U
Trans-1,2-dichloroethene	µg/kg-dw	8.8 UJ	15 UJ	9.1 UJ	9.7 UJ	9.8 U	8 UJ	8.3 U	6.9 U	5.6 U
1,2-Dichloropropane	µg/kg-dw	8.8 UJ	15 UJ	9.1 UJ	9.7 UJ	9.8 U	8 UJ	8.3 U	6.9 U	5.6 U
Cis-1,3-dichloropropene	µg/kg-dw	8.8 UJ	15 UJ	9.1 UJ	9.7 UJ	9.8 U	8 UJ	8.3 U	6.9 U	5.6 U
Trans-1,3-dichloropropene	µg/kg-dw	8.8 UJ	15 UJ	9.1 UJ	9.7 UJ	9.8 U	8 UJ	8.3 U	6.9 U	5.6 U
Ethylbenzene	µg/kg-dw	12 J	24 J	62 J	9.3 J	9.8 U	18 J	8.3 U	6.9 U	5.6 U
2-Hexanone	µg/kg-dw	18 UJ	30 UJ	18 UJ	19 UJ	20 U	16 UJ	17 U	14 U	11 U
4-Methyl-2-pentanone	µg/kg-dw	18 UJ	30 UJ	18 UJ	19 UJ	20 U	16 UJ	17 U	14 U	11 U
Methylene chloride	µg/kg-dw	8.8 UJ	15 UJ	9.1 UJ	9.7 UJ	9.8 U	8 UJ	8.3 U	6.9 U	5.6 U
Styrene	µg/kg-dw	2.8 J	15 UJ	9.1 UJ	6.4 J	9.8 U	4.5 J	8.3 U	6.9 U	5.6 U
1,1,2,2-Tetrachloroethane	µg/kg-dw	8.8 UJ	15 UJ	9.1 UJ	9.7 UJ	9.8 U	8 UJ	8.3 U	6.9 U	5.6 U
Tetrachloroethene	µg/kg-dw	8.8 UJ	15 UJ	9.1 UJ	9.7 UJ	9.8 U	8 UJ	8.3 U	6.9 U	5.6 U
Toluene	µg/kg-dw	18 UJ	39 UJ	20 UJ	9.7 UJ	9.8 U	18 UJ	8.3 U	6.9 U	5.6 U
1,1,1-Trichloroethane	µg/kg-dw	8.8 UJ	15 UJ	9.1 UJ	9.7 UJ	9.8 U	8 UJ	8.3 U	6.9 U	5.6 U
1,1,2-Trichloroethane	µg/kg-dw	8.8 UJ	15 UJ	9.1 UJ	9.7 UJ	9.8 U	8 UJ	8.3 U	6.9 U	5.6 U
Trichloroethene	µg/kg-dw	8.8 UJ	15 UJ	9.1 UJ	9.7 UJ	9.8 U	8 UJ	8.3 U	6.9 U	5.6 U
Vinyl chloride	µg/kg-dw	8.8 UJ	15 UJ	9.1 UJ	9.7 UJ	9.8 U	8 UJ	8.3 U	6.9 U	5.6 U
meta- and para-Xylenes	µg/kg-dw	26 UJ	36 UJ	100 J	9.7 UJ	9.8 U	32 UJ	8.3 U	6.9 U	5.6 U
ortho-Xylene	µg/kg-dw	8.8 UJ	15 UJ	26 J	9.7 UJ	9.8 U	8 UJ	8.3 U	6.9 U	5.6 U

Table B1-22. (cont.)

	Station:	S387	S388	S388	S389	S389	S390	S390
	Date:	8/12/2000	8/12/2000	8/12/2000	8/13/2000	8/13/2000	8/13/2000	8/13/2000
	Depth (cm):	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30
	Duplicate:							
	Sample Number:	WS0026	WS0027	WS0028	WS0029	WS0030	WS0031	WS0032
Parameter	**Units**							
Acetone	µg/kg-dw	29 U	25 U	24 UJ	28 U	18	24 U	570
Benzene	µg/kg-dw	7.2 U	6.4 U	1.3 J	6.9 U	7.6 U	6 U	18
Bromodichloromethane	µg/kg-dw	7.2 U	6.4 U	6 UJ	6.9 U	7.6 U	6 U	49 U
Bromoform	µg/kg-dw	7.2 U	6.4 U	6 UJ	6.9 U	7.6 U	6 U	49 U
Bromomethane	µg/kg-dw	7.2 U	6.4 U	6 UJ	6.9 U	7.6 U	6 U	49 U
2-Butanone	µg/kg-dw	14 U	13 U	12 UJ	14 U	3.8	12 U	86
Carbon disulfide	µg/kg-dw	14 U	13 U	12 UJ	14 U	15 U	12 U	11
Carbon tetrachloride	µg/kg-dw	7.2 U	6.4 U	6 UJ	6.9 U	7.6 U	6 U	49 U
Chlorobenzene	µg/kg-dw	7.2 U	2	4.2 J	6.9 U	7.6 U	6 U	22
Chloroethane	µg/kg-dw	7.2 U	6.4 U	6 UJ	6.9 U	7.6 U	6 U	49 U
Chloroform	µg/kg-dw	7.2 U	6.4 U	6 UJ	6.9 U	7.6 U	6 U	49 U
Chloromethane	µg/kg-dw	7.2 U	6.4 U	6 UJ	6.9 U	7.6 UJ	6 U	49 UJ
Dibromochloromethane	µg/kg-dw	7.2 U	6.4 U	6 UJ	6.9 U	7.6 U	6 U	49 U
1,1-Dichloroethane	µg/kg-dw	7.2 U	6.4 U	6 UJ	6.9 U	7.6 U	6 U	49 U
1,2-Dichloroethane	µg/kg-dw	7.2 U	6.4 U	6 UJ	6.9 U	7.6 U	6 U	49 U
1,1-Dichloroethene	µg/kg-dw	7.2 U	6.4 U	6 UJ	6.9 U	7.6 U	6 U	49 U
Cis-1,2-dichloroethene	µg/kg-dw	7.2 U	6.4 U	6 UJ	6.9 U	7.6 U	6 U	49 U
Trans-1,2-dichloroethene	µg/kg-dw	7.2 U	6.4 U	6 UJ	6.9 U	7.6 U	6 U	49 U
1,2-Dichloropropane	µg/kg-dw	7.2 U	6.4 U	6 UJ	6.9 U	7.6 U	6 U	49 U
Cis-1,3-dichloropropene	µg/kg-dw	7.2 U	6.4 U	6 UJ	6.9 U	7.6 U	6 U	49 U
Trans-1,3-dichloropropene	µg/kg-dw	7.2 U	6.4 U	6 UJ	6.9 U	7.6 U	6 U	49 U
Ethylbenzene	µg/kg-dw	7.2 U	6.4 U	6 UJ	6.9 U	7.6 U	6 U	15
2-Hexanone	µg/kg-dw	14 U	13 U	12 UJ	14 U	15 U	12 U	98 U
4-Methyl-2-pentanone	µg/kg-dw	14 U	13 U	12 UJ	14 U	15 U	12 U	98 U
Methylene chloride	µg/kg-dw	7.2 U	6.4 U	2.6 J	2.1	1.5	1.3	49 U
Styrene	µg/kg-dw	7.2 U	6.4 U	6 UJ	6.9 U	7.6 U	6 U	49 U
1,1,2,2-Tetrachloroethane	µg/kg-dw	7.2 U	6.4 U	6 UJ	6.9 U	7.6 U	6 U	49 U
Tetrachloroethene	µg/kg-dw	7.2 U	6.4 U	6 UJ	6.9 U	7.6 U	6 U	49 U
Toluene	µg/kg-dw	7.2 U	1.7	4.9 J	6.9 U	7.6 U	6 U	24
1,1,1-Trichloroethane	µg/kg-dw	7.2 U	6.4 U	6 UJ	6.9 U	7.6 U	6 U	49 U
1,1,2-Trichloroethane	µg/kg-dw	7.2 U	6.4 U	6 UJ	6.9 U	7.6 U	6 U	49 U
Trichloroethene	µg/kg-dw	7.2 U	6.4 U	6 UJ	6.9 U	7.6 U	6 U	49 U
Vinyl chloride	µg/kg-dw	7.2 U	6.4 U	6 UJ	6.9 U	7.6 U	6 U	49 U
meta- and para-Xylenes	µg/kg-dw	7.2 U	6.4 U	6 UJ	6.9 U	7.6 U	6 U	67
ortho-Xylene	µg/kg-dw	7.2 U	6.4 U	6 UJ	6.9 U	7.6 U	6 U	47

Table B1-23. TCL SVOCs in Wetland Sediments

Station:	S375	S375	S376	S376	S377	S377	S378	S378	S379
Date:	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000
Depth (cm):	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15
Duplicate:									
Sample Number:	WS0001	WS0002	WS0003	WS0004	WS0005	WS0006	WS0007	WS0008	WS0009
Parameter	**Units**								
Acenaphthene	µg/kg-dw	130 U	110 U	74 U	87 U	87 U	62 U	98 U	86 U	74 U
Acenaphthylene	µg/kg-dw	130 U	110 U	74 U	87 U	87 U	62 U	98 U	86 U	74 U
Anthracene	µg/kg-dw	130 U	110 U	74 U	87 U	87 U	62 U	98 U	86 U	74 U
Benz(a)anthracene	µg/kg-dw	220	180	130	89	130	62 U	98 U	86 U	130
Benzo(a)pyrene	µg/kg-dw	250	180	160	91	140	62 U	98 U	86 U	130
Benzo(b)fluoranthene	µg/kg-dw	190	150	180	87 U	110	62 U	98 U	86 U	120
Benzo(g,h,i)perylene	µg/kg-dw	210	130	170	87 U	110	62 U	98 U	86 U	74 U
Benzo(k)fluoranthene	µg/kg-dw	170	170	150	87 U	120	62 U	98 U	86 U	120
Benzyl alcohol	µg/kg-dw	670 U	550 U	380 U	450 U	450 U	320 U	500 U	440 U	380 U
Bis(2-chloroethoxy)methane	µg/kg-dw	130 U	110 U	74 U	87 U	87 U	62 U	98 U	86 U	74 U
Bis(2-chloroethyl)ether	µg/kg-dw	130 U	110 U	74 U	87 U	87 U	62 U	98 U	86 U	74 U
Bis(2-ethylhexyl)phthalate	µg/kg-dw	180 U	160 U	220 U	120 U	87 U	62 U	98 U	2,100	80 U
4-Bromophenyl-phenyl ether	µg/kg-dw	130 U	110 U	74 U	87 U	87 U	62 U	98 U	86 U	74 U
Butylbenzylphthalate	µg/kg-dw	130 U	110 U	74 U	87 U	87 U	62 U	98 U	86 U	74 U
Carbazole	µg/kg-dw	130 U	110 U	74 U	87 U	87 U	62 U	98 U	86 U	74 U
4-Chloro-3-methylphenol	µg/kg-dw	670 U	550 U	380 U	450 U	450 U	320 U	500 U	440 U	380 U
4-Chloroaniline	µg/kg-dw	130 UJ	110 UJ	74 UJ	87 UJ	87 UJ	62 UJ	98 UJ	86 UJ	74 UJ
2-Chloronaphthalene	µg/kg-dw	130 U	110 U	74 U	87 U	87 U	62 U	98 U	86 U	74 U
2-Chlorophenol	µg/kg-dw	130 U	110 U	74 U	87 U	87 U	62 U	98 U	86 U	74 U
4-Chlorophenyl-phenyl ether	µg/kg-dw	130 U	110 U	74 U	87 U	87 U	62 U	98 U	86 U	74 U
Chrysene	µg/kg-dw	280	220	180	110	150	62 U	98 U	86 U	160
Dibenz(a,h)anthracene	µg/kg-dw	130 U	110 U	74 U	87 U	87 U	62 U	98 U	86 U	74 U
Dibenzofuran	µg/kg-dw	130 U	110 U	74 U	87 U	87 U	62 U	98 U	86 U	74 U
1,2-Dichlorobenzene	µg/kg-dw	130 U	110 U	74 U	87 U	87 U	62 U	98 U	86 U	74 U
1,3-Dichlorobenzene	µg/kg-dw	130 U	110 U	74 U	87 U	87 U	62 U	98 U	86 U	74 U
1,4-Dichlorobenzene	µg/kg-dw	130 U	110 U	74 U	87 U	87 U	62 U	98 U	86 U	74 U
3,3-Dichlorobenzidine	µg/kg-dw	130 UJ	110 UJ	74 UJ	87 UJ	87 UJ	62 UJ	98 UJ	86 UJ	74 UJ
2,4-Dichlorophenol	µg/kg-dw	670 U	550 U	380 U	450 U	450 U	320 U	500 U	440 U	380 U
Diethylphthalate	µg/kg-dw	130 U	110 U	74 U	87 U	87 U	62 U	98 U	86 U	74 U
2,4-Dimethylphenol	µg/kg-dw	670 U	550 U	380 U	450 U	450 U	320 U	500 U	440 U	380 U
Dimethylphthalate	µg/kg-dw	130 U	110 U	74 U	87 U	87 U	62 U	98 U	86 U	74 U
Di-n-butylphthalate	µg/kg-dw	130 U	110 U	74 U	87 U	87 U	62 U	98 U	86 U	74 U
2,4-Dinitrophenol	µg/kg-dw	3,400 UJ	2,700 UJ	1,900 UJ	2,200 UJ	2,200 UJ	1,600 UJ	2,500 UJ	2,200 UJ	1,900 UJ

Table B1-23. (cont.)

Station:	S375	S375	S376	S376	S377	S377	S378	S378	S379
Date:	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000
Depth (cm):	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15
Duplicate:									
Sample Number:	WS0001	WS0002	WS0003	WS0004	WS0005	WS0006	WS0007	WS0008	WS0009
Parameter	Units								
2,4-Dinitrotoluene	µg/kg-dw	670 U	550 U	380 U	450 U	450 U	320 U	500 U	440 U	380 U
2,6-Dinitrotoluene	µg/kg-dw	670 U	550 U	380 U	450 U	450 U	320 U	500 U	440 U	380 U
Di-n-octylphthalate	µg/kg-dw	130 U	110 U	74 U	87 U	87 U	62 U	98 U	86 U	74 U
Fluoranthene	µg/kg-dw	420	330	240	140	250	62 U	98 U	86 U	230
Fluorene	µg/kg-dw	130 U	110 U	74 U	87 U	87 U	62 U	98 U	86 U	74 U
Hexachlorobenzene	µg/kg-dw	130 U	110 U	74 U	87 U	87 U	62 U	98 U	86 U	74 U
Hexachlorobenzene (GC/ECD)	µg/kg-dw	1.22 R	1.08 U	1.3 R	1.83 R	1.07 U	1.07 U	1.08 U	1.09 U	7.25
Hexachlorobutadiene	µg/kg-dw	130 U	110 U	74 U	87 U	87 U	62 U	98 U	86 U	74 U
Hexachlorocyclopentadiene	µg/kg-dw	670 UJ	550 UJ	380 UJ	450 UJ	450 UJ	320 U	500 UJ	440 UJ	380 UJ
Hexachloroethane	µg/kg-dw	130 U	110 U	74 U	87 U	87 U	62 U	98 U	86 U	74 U
Indeno(1,2,3-cd)pyrene	µg/kg-dw	170	120	120	87 U	90	62 U	98 U	86 U	74 U
Isophorone	µg/kg-dw	130 U	110 U	74 U	87 U	87 U	62 U	98 U	86 U	74 U
2-Methyl-4,6-dinitrophenol	µg/kg-dw	3400 U	2700 U	1900 U	2200 U	2200 U	1600 U	2500 U	2200 U	1900 U
2-Methylnaphthalene	µg/kg-dw	130 U	110 U	74 U	87 U	87 U	62 U	98 U	86 U	74 U
2-Methylphenol	µg/kg-dw	130 U	110 U	74 U	87 U	87 U	62 U	98 U	86 U	74 U
4-Methylphenol	µg/kg-dw	130 U	110 U	74 U	87 U	87 U	62 U	98 U	86 U	74 U
Naphthalene	µg/kg-dw	130 U	110 U	74 U	87 U	87 U	62 U	98 U	86 U	74 U
2-Nitroaniline	µg/kg-dw	260 U	220 U	150 U	180 U	180 U	130 U	200 U	170 U	150 U
3-Nitroaniline	µg/kg-dw	3400 U	2700 U	1900 U	2200 U	2200 U	1600 U	2500 U	2200 U	1900 U
4-Nitroaniline	µg/kg-dw	3400 U	2700 U	1900 U	2200 U	2200 U	1600 U	2500 U	2200 U	1900 U
Nitrobenzene	µg/kg-dw	130 U	110 U	74 U	87 U	87 U	62 U	98 U	86 U	74 U
2-Nitrophenol	µg/kg-dw	670 U	550 U	380 U	450 U	450 U	320 U	500 U	440 U	380 U
4-Nitrophenol	µg/kg-dw	3400 U	2700 U	1900 U	2200 U	2200 U	1600 U	2500 U	2200 U	1900 U
N-Nitrosodimethylamine	µg/kg-dw	670 U	550 U	380 U	450 U	450 U	320 U	500 U	440 U	380 U
N-nitroso-di-n-propylamine	µg/kg-dw	130 U	110 U	74 U	87 U	87 U	62 U	98 U	86 U	74 U
N-Nitrosodiphenylamine	µg/kg-dw	130 U	110 U	74 U	87 U	87 U	62 U	98 U	86 U	74 U
2,2'-Oxybis(1-chloropropane)	µg/kg-dw	130 U	110 U	74 U	87 U	87 U	62 U	98 U	86 U	74 U
Pentachlorophenol	µg/kg-dw	3400 U	2700 U	1900 U	2200 U	2200 U	1600 U	2500 U	2200 U	1900 U
Phenanthrene	µg/kg-dw	210	230	110	87 U	180	62 U	98 U	86 U	120
Phenol	µg/kg-dw	130 U	110 U	74 U	87 U	87 U	62 U	98 U	86 U	74 U
Pyrene	µg/kg-dw	450	390	260	190	250	62 U	98 U	86 U	260
1,2,4-Trichlorobenzene	µg/kg-dw	130 U	110 U	74 U	87 U	87 U	62 U	98 U	86 U	74 U
2,4,5-Trichlorophenol	µg/kg-dw	670 U	550 U	380 U	450 U	450 U	320 U	500 U	440 U	380 U
2,4,6-Trichlorophenol	µg/kg-dw	670 U	550 U	380 U	450 U	450 U	320 U	500 U	440 U	380 U

Table B1-23. (cont.)

	Station:	S379	S379	S380	S380	S381	S381	S382	S382	S383
	Date:	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/11/2000
	Depth (cm):	15 - 30	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15
	Duplicate:	D1	D2							
	Sample Number:	WS0010	WS0034	WS0011	WS0012	WS0013	WS0014	WS0015	WS0016	WS0017
Parameter	**Units**									
Acenaphthene	µg/kg-dw	110 U	58 U	81	59 U	60 U	52 UJ	51 U	53 U	340
Acenaphthylene	µg/kg-dw	110 U	58 U	67 U	59 U	60 U	52 UJ	51 U	53 U	630
Anthracene	µg/kg-dw	110 U	61	200	59 U	60 U	52 UJ	51 U	53 U	2,400
Benz(a)anthracene	µg/kg-dw	110 U	210	1,700	350	160	74 J	51 U	53 U	2,800
Benzo(a)pyrene	µg/kg-dw	110 U	240	1,800	340	200	52 UJ	51 U	53 U	3,000
Benzo(b)fluoranthene	µg/kg-dw	110 U	210	1,500	280	200	77 J	51 U	53 U	2,900
Benzo(g,h,i)perylene	µg/kg-dw	110 U	140	970	180	160	52 UJ	51 U	53 U	1,900
Benzo(k)fluoranthene	µg/kg-dw	110 U	200	1,500	280	200	86 J	51 U	53 U	2,700
Benzyl alcohol	µg/kg-dw	570 U	300 U	340 U	310 U	310 U	270 UJ	260 U	270 U	590 U
Bis(2-chloroethoxy)methane	µg/kg-dw	110 U	58 U	67 U	59 U	60 U	52 UJ	51 U	53 U	120 U
Bis(2-chloroethyl)ether	µg/kg-dw	110 U	58 U	67 U	59 U	60 U	52 UJ	51 U	53 U	120 U
Bis(2-ethylhexyl)phthalate	µg/kg-dw	110 U	93 U	76 U	59 U	110 U	140 UJ	73 U	160 U	890 J
4-Bromophenyl-phenyl ether	µg/kg-dw	110 U	58 U	67 U	59 U	60 U	52 UJ	51 U	53 U	120 U
Butylbenzylphthalate	µg/kg-dw	110 U	58 U	67 U	59 U	60 U	52 UJ	51 U	53 U	120 U
Carbazole	µg/kg-dw	110 U	58 U	170	59 U	60 U	52 UJ	51 U	53 U	450
4-Chloro-3-methylphenol	µg/kg-dw	570 U	300 U	340 U	310 U	310 U	270 UJ	260 U	270 U	590 U
4-Chloroaniline	µg/kg-dw	110 UJ	58 UJ	67 UJ	59 UJ	60 UJ	52 UJ	51 UJ	53 UJ	120 UJ
2-Chloronaphthalene	µg/kg-dw	110 U	58 U	67 U	59 U	60 U	52 UJ	51 U	53 U	120 U
2-Chlorophenol	µg/kg-dw	110 U	58 U	67 U	59 U	60 U	52 UJ	51 U	53 U	120 U
4-Chlorophenyl-phenyl ether	µg/kg-dw	110 U	58 U	67 U	59 U	60 U	52 UJ	51 U	53 U	120 U
Chrysene	µg/kg-dw	110 U	280	2,000	350	220	100 J	100	68	3,700
Dibenz(a,h)anthracene	µg/kg-dw	110 U	64	480	59 U	60 U	52 UJ	51 U	53 U	800
Dibenzofuran	µg/kg-dw	110 U	58 U	67 U	59 U	60 U	52 UJ	51 U	53 U	280
1,2-Dichlorobenzene	µg/kg-dw	110 U	58 U	67 U	59 U	60 U	52 UJ	51 U	53 U	2,100
1,3-Dichlorobenzene	µg/kg-dw	110 U	58 U	67 U	59 U	60 U	52 UJ	51 U	53 U	410
1,4-Dichlorobenzene	µg/kg-dw	110 U	58 U	67 U	59 U	60 U	52 UJ	51 U	53 U	4,500
3,3-Dichlorobenzidine	µg/kg-dw	110 UJ	58 U	67 UJ	59 UJ	60 UJ	52 UJ	51 U	53 U	120 UJ
2,4-Dichlorophenol	µg/kg-dw	570 U	300 U	340 U	310 U	310 U	270 UJ	260 U	270 U	590 U
Diethylphthalate	µg/kg-dw	110 U	58 U	67 U	59 U	60 U	52 UJ	51 U	53 U	120 U
2,4-Dimethylphenol	µg/kg-dw	570 U	300 U	340 U	310 U	310 U	270 UJ	260 U	270 U	590 U
Dimethylphthalate	µg/kg-dw	110 U	58 U	67 U	59 U	60 U	52 UJ	51 U	53 U	120 U
Di-n-butylphthalate	µg/kg-dw	110 U	58 U	67 U	59 U	60 U	52 UJ	51 U	53 U	120 U
2,4-Dinitrophenol	µg/kg-dw	2,800 UJ	1,500 UJ	1,700 UJ	1,500 UJ	1,500 UJ	1,300 UJ	1,300 UJ	1400 UJ	3,000 U

Table B1-23. (cont.)

Station:		S379	S379	S380	S380	S381	S381	S382	S382	S383
Date:		8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/11/2000
Depth (cm):		15 - 30	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15
Duplicate:		D1	D2							
Sample Number:		WS0010	WS0034	WS0011	WS0012	WS0013	WS0014	WS0015	WS0016	WS0017
Parameter	Units									
2,4-Dinitrotoluene	µg/kg-dw	570 U	300 U	340 U	310 U	310 U	270 UJ	260 U	270 U	590 U
2,6-Dinitrotoluene	µg/kg-dw	570 U	300 U	340 U	310 U	310 U	270 UJ	260 U	270 U	590 U
Di-n-octylphthalate	µg/kg-dw	110 U	58 U	67 U	59 U	60 U	52 UJ	51 U	53 U	120 U
Fluoranthene	µg/kg-dw	110 U	400	2,200	470	290	140 J	120	85	7,800
Fluorene	µg/kg-dw	110 U	58 U	71	59 U	60 U	52 UJ	51 U	53 U	410
Hexachlorobenzene	µg/kg-dw	110 U	390 J	67 U	61	60 U	52 UJ	51 U	240 J	630
Hexachlorobenzene (GC/ECD)	µg/kg-dw	3.64 J	122 J	32.3	126	30.7	106	34.8	261	2,140 J
Hexachlorobutadiene	µg/kg-dw	110 U	58 U	67 U	59 U	60 U	52 UJ	51 U	53 U	120 U
Hexachlorocyclopentadiene	µg/kg-dw	570 UJ	300 UJ	340 UJ	310 UJ	310 UJ	270 UJ	260 UJ	270 UJ	590 U
Hexachloroethane	µg/kg-dw	110 U	58 UJ	67 U	59 U	60 U	52 UJ	51 UJ	53 UJ	120 U
Indeno(1,2,3-cd)pyrene	µg/kg-dw	110 U	140	1,100	210	160	52 UJ	51 U	53 U	1,800
Isophorone	µg/kg-dw	110 U	58 U	67 U	59 U	60 U	52 UJ	51 U	53 U	120 U
2-Methyl-4,6-dinitrophenol	µg/kg-dw	2,800 U	1,500 U	1,700 U	1,500 U	1,500 U	1,300 UJ	1,300 U	1,400 U	3,000 U
2-Methylnaphthalene	µg/kg-dw	110 U	58 U	67 U	59 U	60 U	52 UJ	51 U	53 U	330
2-Methylphenol	µg/kg-dw	110 U	58 U	67 U	59 U	60 U	52 UJ	51 U	53 U	120 U
4-Methylphenol	µg/kg-dw	110 U	58 U	67 U	59 U	60 U	52 UJ	51 U	53 U	130
Naphthalene	µg/kg-dw	110 U	58 U	67 U	59 U	60 U	52 UJ	51 U	53 U	2,000
2-Nitroaniline	µg/kg-dw	220 U	120 U	140 U	120 U	120 U	110 UJ	100 U	110 U	230 U
3-Nitroaniline	µg/kg-dw	2,800 U	1,500 U	1,700 U	1,500 U	1,500 U	1,300 UJ	1,300 U	1,400 U	3,000 U
4-Nitroaniline	µg/kg-dw	2,800 U	1,500 U	1,700 U	1,500 U	1,500 U	1,300 UJ	1,300 U	1,400 U	3,000 U
Nitrobenzene	µg/kg-dw	110 U	58 U	67 U	59 U	60 U	52 UJ	51 U	53 U	120 U
2-Nitrophenol	µg/kg-dw	570 U	300 U	340 U	310 U	310 U	270 UJ	260 U	270 U	590 U
4-Nitrophenol	µg/kg-dw	2,800 U	1,500 U	1,700 U	1,500 U	1,500 U	1,300 UJ	1,300 U	1,400 U	3,000 U
N-Nitrosodimethylamine	µg/kg-dw	570 U	300 U	340 U	310 U	310 U	270 UJ	260 U	270 U	590 U
N-nitroso-di-n-propylamine	µg/kg-dw	110 U	58 U	67 U	59 U	60 U	52 UJ	51 U	53 U	120 U
N-Nitrosodiphenylamine	µg/kg-dw	110 U	58 U	67 U	59 U	60 U	52 UJ	51 U	53 U	120 U
2,2'-Oxybis(1-chloropropane)	µg/kg-dw	110 U	58 U	67 U	59 U	60 U	52 UJ	51 UJ	53 UJ	120 U
Pentachlorophenol	µg/kg-dw	2,800 U	1,500 U	1,700 U	1,500 U	1,500 U	1,300 UJ	1,300 U	1,400 U	3,000 U
Phenanthrene	µg/kg-dw	110 U	250	1,000	210	150	74 J	65	53 U	3,700
Phenol	µg/kg-dw	110 U	58 U	67 U	59 U	60 U	52 UJ	51 U	53 U	530
Pyrene	µg/kg-dw	110 U	400	2,600	540	290	120 J	120	53 U	5,600
1,2,4-Trichlorobenzene	µg/kg-dw	110 U	58 U	67 U	59 U	60 U	52 UJ	51 U	53 U	1,400
2,4,5-Trichlorophenol	µg/kg-dw	570 U	300 U	340 U	310 U	310 U	270 UJ	260 U	270 U	590 U
2,4,6-Trichlorophenol	µg/kg-dw	570 U	300 U	340 U	310 U	310 U	270 UJ	260 U	270 U	590 U

Table B1-23. (cont.)

Station:	S383	S384	S384	S385	S385	S385	S386	S386	S387
Date:	8/11/2000	8/11/2000	8/11/2000	8/11/2000	8/11/2000	8/11/2000	8/11/2000	8/11/2000	8/12/2000
Depth (cm):	15 - 30	0 - 15	15 - 30	0 - 15	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15
Duplicate:				D1	D2				
Sample Number:	WS0018	WS0019	WS0020	WS0021	WS0033	WS0022	WS0023	WS0024	WS0025
Parameter	**Units**								
Acenaphthene	µg/kg-dw	1,900	2,500	1,300	330	270 U	1,600	54 UJ	49 U	39 U
Acenaphthylene	µg/kg-dw	1,700	1,900	1,500	910	1,600	1,500	170 J	250	39 U
Anthracene	µg/kg-dw	6,500	10,000	6,300	2,800	270 U	420 U	300 J	380	39 U
Benz(a)anthracene	µg/kg-dw	11,000	14,000	8,700	2,800	1,800 J	4,100	160 J	560	39 U
Benzo(a)pyrene	µg/kg-dw	11,000	13,000	7,800	3,100	3,100 J	9,200	180 J	530	39 U
Benzo(b)fluoranthene	µg/kg-dw	8,300	11,000	7,100	3,100	3,900 J	10,000	220 J	520	39 U
Benzo(g,h,i)perylene	µg/kg-dw	6,200	6,800	4,400	2,100	1,500 J	6,800	160 J	370	39 U
Benzo(k)fluoranthene	µg/kg-dw	8,200	10,000	5,900	3,300	3,500 J	9,000	200 J	450	39 U
Benzyl alcohol	µg/kg-dw	3,100 U	4,300 U	3,000 U	1,600 U	1,400 U	2,200 U	280 UJ	250 U	200 U
Bis(2-chloroethoxy)methane	µg/kg-dw	600 U	830 U	580 U	310 U	270 U	420 U	54 UJ	49 U	39 U
Bis(2-chloroethyl)ether	µg/kg-dw	600 U	830 U	580 U	310 U	270 U	420 U	54 UJ	49 U	39 U
Bis(2-ethylhexyl)phthalate	µg/kg-dw	600 U	1,800 J	1,800 J	610 J	270 U	420 U	1,800 J	49 U	71 U
4-Bromophenyl-phenyl ether	µg/kg-dw	600 U	830 U	580 U	310 U	270 U	420 U	54 UJ	49 U	39 U
Butylbenzylphthalate	µg/kg-dw	600 U	830 U	580 U	310 U	270 U	420 U	54 UJ	49 U	39 U
Carbazole	µg/kg-dw	2,300	2,600	1,400	720	270 U	420 U	54 UJ	49 U	39 U
4-Chloro-3-methylphenol	µg/kg-dw	3,100 U	4,300 U	3,000 U	1,600 U	1,400 U	2,200 U	280 UJ	250 U	200 U
4-Chloroaniline	µg/kg-dw	600 UJ	830 UJ	580 UJ	310 UJ	270 UJ	420 UJ	54 UJ	49 UJ	39 UJ
2-Chloronaphthalene	µg/kg-dw	600 U	830 U	580 U	310 U	270 U	420 U	54 UJ	49 U	39 U
2-Chlorophenol	µg/kg-dw	600 U	830 U	580 U	310 U	270 U	420 U	54 UJ	49 U	39 U
4-Chlorophenyl-phenyl ether	µg/kg-dw	600 U	830 U	580 U	310 U	270 U	420 U	54 UJ	49 U	39 U
Chrysene	µg/kg-dw	12,000	15,000	9,800	3,400	3,300 J	5,200	230 J	660	39 U
Dibenz(a,h)anthracene	µg/kg-dw	2,800	3,100	2,200	950	270 U	3,300	66 J	200	39 U
Dibenzofuran	µg/kg-dw	600 U	1,900	960	310 U	270 U	1,100	54 UJ	49 U	39 U
1,2-Dichlorobenzene	µg/kg-dw	5,800	4,900	3,600	3,000	5,800	3,000	610 J	450	39 U
1,3-Dichlorobenzene	µg/kg-dw	1,200	830 U	780	660	2,100	6,200	62 J	140	39 U
1,4-Dichlorobenzene	µg/kg-dw	10,000	9,800	8,000	4,900	11,000	5,700	920 J	1,300	39 U
3,3-Dichlorobenzidine	µg/kg-dw	600 UJ	830 UJ	580 UJ	310 UJ	270 UJ	420 UJ	54 UJ	49 UJ	39 UJ
2,4-Dichlorophenol	µg/kg-dw	3,100 U	4,300 U	3,000 U	1,600 U	1,400 U	2,200 U	280 UJ	250 U	200 U
Diethylphthalate	µg/kg-dw	600 U	830 U	580 U	310 U	270 U	420 U	54 UJ	49 U	39 U
2,4-Dimethylphenol	µg/kg-dw	3,100 U	4,300 U	3,000 U	1,600 U	1,400 U	2,200 U	280 UJ	250 U	200 U
Dimethylphthalate	µg/kg-dw	600 U	830 U	580 U	310 U	270 U	420 U	54 UJ	49 U	39 U
Di-n-butylphthalate	µg/kg-dw	600 U	830 U	580 U	310 U	270 U	420 U	54 UJ	49 U	39 U
2,4-Dinitrophenol	µg/kg-dw	15,000 U	21,000 U	15,000 U	7,900 U	7,100 U	11,000 U	1,400 UJ	1,300 UJ	1,000 UJ

Table B1-23. (cont.)

Station:	S383	S384	S384	S385	S385	S385	S386	S386	S387
Date:	8/11/2000	8/11/2000	8/11/2000	8/11/2000	8/11/2000	8/11/2000	8/11/2000	8/11/2000	8/12/2000
Depth (cm):	15 - 30	0 - 15	15 - 30	0 - 15	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15
Duplicate:				D1	D2				
Sample Number:	WS0018	WS0019	WS0020	WS0021	WS0033	WS0022	WS0023	WS0024	WS0025
Parameter	Units								
2,4-Dinitrotoluene	µg/kg-dw	3,100 U	4,300 U	3,000 U	1,600 U	1,400 U	2,200 U	280 UJ	250 U	200 U
2,6-Dinitrotoluene	µg/kg-dw	3,100 U	4,300 U	3,000 U	1,600 U	1,400 U	2,200 U	280 UJ	250 U	200 U
Di-n-octylphthalate	µg/kg-dw	600 U	830 U	580 U	310 U	270 U	420 U	54 UJ	49 U	39 U
Fluoranthene	µg/kg-dw	28,000	33,000	20,000	7,000	7,600	16,000	330 J	700	39 U
Fluorene	µg/kg-dw	600 U	2,700	1,400	360	270 U	1,500	54 UJ	49 U	39 U
Hexachlorobenzene	µg/kg-dw	1,000	830 U	580 U	1,800	12,000 J	420 U	54 UJ	49 U	39 U
Hexachlorobenzene (GC/ECD)	µg/kg-dw	1,470 J	1,040 J	458	2,510 J	5110	284 R	106 J	63.4 J	2.69
Hexachlorobutadiene	µg/kg-dw	600 U	830 U	580 U	310 U	270 U	420 U	54 UJ	49 U	39 U
Hexachlorocyclopentadiene	µg/kg-dw	3,100 U	4,300 U	3,000 U	1,600 U	1,400 U	2,200 U	280 UJ	250 U	200 UJ
Hexachloroethane	µg/kg-dw	600 U	830 U	580 U	310 U	270 U	420 U	54 UJ	49 U	39 U
Indeno(1,2,3-cd)pyrene	µg/kg-dw	6,300	7,100	4,900	2,000	1,700 J	6,000	120 J	400	39 U
Isophorone	µg/kg-dw	600 U	830 U	580 U	310 U	270 U	420 U	54 UJ	49 U	39 U
2-Methyl-4,6-dinitrophenol	µg/kg-dw	15,000 U	21,000 U	15,000 U	7,900 U	7,100 U	11,000 U	1,400 UJ	1,300 U	1,000 U
2-Methylnaphthalene	µg/kg-dw	720	1,300	830	320	510	420 U	54 UJ	49 U	39 U
2-Methylphenol	µg/kg-dw	600 U	830 U	580 U	310 U	270 U	420 U	54 UJ	49 U	39 U
4-Methylphenol	µg/kg-dw	600 U	830 U	580 U	310 U	1,000	420 U	54 UJ	49 U	39 U
Naphthalene	µg/kg-dw	2,400	5,000	5,100	1,700	3,600	2,100	340 J	660	39 U
2-Nitroaniline	µg/kg-dw	1,200 U	1,700 U	1,200 U	620 U	560 U	860 U	110 UJ	100 U	79 U
3-Nitroaniline	µg/kg-dw	15,000 U	21,000 U	15,000 U	7,900 U	7,100 U	11,000 U	1,400 UJ	1,300 U	1,000 U
4-Nitroaniline	µg/kg-dw	15,000 U	21,000 U	15,000 U	7,900 U	7,100 U	11,000 U	1,400 UJ	1,300 U	1,000 U
Nitrobenzene	µg/kg-dw	600 U	830 U	580 U	310 U	270 U	420 U	54 UJ	49 U	39 U
2-Nitrophenol	µg/kg-dw	3,100 U	4,300 U	3,000 U	1,600 U	1,400 U	2,200 U	280 UJ	250 U	200 U
4-Nitrophenol	µg/kg-dw	15,000 U	21,000 U	15,000 U	7,900 U	7,100 U	11,000 U	1,400 UJ	1,300 U	1,000 U
N-Nitrosodimethylamine	µg/kg-dw	3,100 U	4,300 U	3000 U	1,600 U	1,400 U	2,200 U	280 UJ	250 U	200 U
N-nitroso-di-n-propylamine	µg/kg-dw	600 U	830 U	580 U	310 U	270 U	420 U	54 UJ	49 U	39 U
N-Nitrosodiphenylamine	µg/kg-dw	600 U	830 U	580 U	310 U	270 U	420 U	54 UJ	49 U	39 U
2,2'-Oxybis(1-chloropropane)	µg/kg-dw	600 U	830 U	580 U	310 U	270 UJ	420 U	54 UJ	49 U	39 U
Pentachlorophenol	µg/kg-dw	15,000 U	21,000 U	15,000 U	7,900 U	7,100 U	11,000 U	1,400 UJ	1,300 U	1,000 U
Phenanthrene	µg/kg-dw	20,000	22,000	11,000	4,100	4,700	13,000	190 J	230	39 U
Phenol	µg/kg-dw	820	830 U	580 U	850	4,800	2,200	89 J	120	39 U
Pyrene	µg/kg-dw	21,000	26,000	15,000	5,400	5,700 J	420 U	310 J	480	39 U
1,2,4-Trichlorobenzene	µg/kg-dw	6,100	3,200	2,800	3,900	9,200	18,000	200 J	160	39 U
2,4,5-Trichlorophenol	µg/kg-dw	3,100 U	4,300 U	3,000 U	1,600 U	1,400 U	2,200 U	280 UJ	250 U	200 U
2,4,6-Trichlorophenol	µg/kg-dw	3,100 U	4,300 U	3,000 U	1,600 U	1,400 U	2,200 U	280 UJ	250 U	200 U

Table B1-23. (cont.)

Station:	S387	S388	S388	S389	S389	S390	S390
Date:	8/12/2000	8/12/2000	8/12/2000	8/13/2000	8/13/2000	8/13/2000	8/13/2000
Depth (cm):	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30
Duplicate:							
Sample Number:	WS0026	WS0027	WS0028	WS0029	WS0030	WS0031	WS0032
Parameter	**Units**						
Acenaphthene	µg/kg-dw	48 U	410 U	1,300	44 U	61	78	65 U
Acenaphthylene	µg/kg-dw	340	590	1,200	80	160	79	160
Anthracene	µg/kg-dw	220	780	3,600	120	260	230	250
Benz(a)anthracene	µg/kg-dw	48 U	1,800	7,500	340	590	580	790
Benzo(a)pyrene	µg/kg-dw	48 U	2,000	7,100	360	660	610	830
Benzo(b)fluoranthene	µg/kg-dw	48 U	1,400	4,900	320	420	410	610
Benzo(g,h,i)perylene	µg/kg-dw	48 U	910	4,800	260	450	340	570
Benzo(k)fluoranthene	µg/kg-dw	48 U	1,700	5,700	340	450	490	650
Benzyl alcohol	µg/kg-dw	250 U	2,100 U	2,000 U	230 U	240 U	210 U	340 U
Bis(2-chloroethoxy)methane	µg/kg-dw	48 U	410 U	390 U	44 U	46 U	40 U	65 U
Bis(2-chloroethyl)ether	µg/kg-dw	48 U	410 U	390 U	44 U	46 U	40 U	65 U
Bis(2-ethylhexyl)phthalate	µg/kg-dw	110 U	410 U	390 U	470	120	170 UJ	65 U
4-Bromophenyl-phenyl ether	µg/kg-dw	48 U	410 U	390 U	44 U	46 U	40 U	65 U
Butylbenzylphthalate	µg/kg-dw	48 U	410 U	390 U	44 U	46 U	40 U	65 U
Carbazole	µg/kg-dw	48 U	410 U	1,600	44 U	89	89	78
4-Chloro-3-methylphenol	µg/kg-dw	250 UJ	2,100 U	2,000 U	230 U	240 U	210 U	340 U
4-Chloroaniline	µg/kg-dw	48 UJ	410 UJ	390 UJ	44 U	46 U	40 U	65 U
2-Chloronaphthalene	µg/kg-dw	48 U	410 U	390 U	44 U	46 U	40 U	65 U
2-Chlorophenol	µg/kg-dw	48 UJ	410 U	390 U	44 U	46 U	40 U	65 U
4-Chlorophenyl-phenyl ether	µg/kg-dw	48 U	410 U	390 U	44 U	46 U	40 U	65 U
Chrysene	µg/kg-dw	48 U	2,000	7,600	400	700	570	850
Dibenz(a,h)anthracene	µg/kg-dw	48 U	410 U	390 U	90	160	130	210
Dibenzofuran	µg/kg-dw	48 U	410 U	990	44 U	46 U	46	65 U
1,2-Dichlorobenzene	µg/kg-dw	48 U	410 U	390 U	44 U	46 U	40 U	65 U
1,3-Dichlorobenzene	µg/kg-dw	48 U	410 U	390 U	44 U	46 U	40 U	65 U
1,4-Dichlorobenzene	µg/kg-dw	48 U	410 U	390 U	54	46 U	40 U	65 U
3,3-Dichlorobenzidine	µg/kg-dw	48 UJ	410 UJ	390 UJ	44 U	46 U	40 U	65 U
2,4-Dichlorophenol	µg/kg-dw	250 UJ	2,100 U	2,000 U	230 U	240 U	210 U	340 U
Diethylphthalate	µg/kg-dw	48 U	410 U	390 U	44 U	46 U	40 U	65 U
2,4-Dimethylphenol	µg/kg-dw	250 UJ	2,100 U	2,000 U	230 U	240 U	210 U	340 U
Dimethylphthalate	µg/kg-dw	48 U	410 U	390 U	44 U	46 U	40 U	65 U
Di-n-butylphthalate	µg/kg-dw	48 U	410 U	390 U	44 U	46 U	130 UJ	120
2,4-Dinitrophenol	µg/kg-dw	1200 UJ	11,000 UJ	10,000 UJ	1,100 U	1,200 U	1,000 UJ	1,700 U

Table B1-23. (cont.)

Station:	S387	S388	S388	S389	S389	S390	S390
Date:	8/12/2000	8/12/2000	8/12/2000	8/13/2000	8/13/2000	8/13/2000	8/13/2000
Depth (cm):	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30
Duplicate:							
Sample Number:	WS0026	WS0027	WS0028	WS0029	WS0030	WS0031	WS0032
Parameter	Units						
2,4-Dinitrotoluene	µg/kg-dw	250 U	2,100 U	2,000 U	230 U	240 U	210 UJ	340 U
2,6-Dinitrotoluene	µg/kg-dw	250 U	2,100 U	2,000 U	230 U	240 U	210 U	340 U
Di-n-octylphthalate	µg/kg-dw	48 U	410 U	390 U	44 U	46 U	40 U	65 U
Fluoranthene	µg/kg-dw	120	3,200	16,000	730	1,300	1,100	1,300
Fluorene	µg/kg-dw	110	410 U	390 U	44 U	46 U	82	73
Hexachlorobenzene	µg/kg-dw	48 U	410 U	390 U	44 U	46 U	40 U	65 U
Hexachlorobenzene (GC/ECD)	µg/kg-dw	2.21	31.2	46.6	3.53	3.51 J	4.35	18.5 J
Hexachlorobutadiene	µg/kg-dw	48 U	410 U	390 U	44 U	46 U	40 U	65 U
Hexachlorocyclopentadiene	µg/kg-dw	250 UJ	2,100 UJ	2,000 UJ	230 U	240 U	210 U	340 U
Hexachloroethane	µg/kg-dw	48 U	410 U	390 U	44 U	46 U	40 U	65 U
Indeno(1,2,3-cd)pyrene	µg/kg-dw	48 U	1,600	4,500	190	370	330	490
Isophorone	µg/kg-dw	48 U	410 U	390 U	44 U	46 U	40 U	65 U
2-Methyl-4,6-dinitrophenol	µg/kg-dw	1,200 UJ	11,000 U	10,000 U	1,100 U	1,200 U	1,000 UJ	1,700 U
2-Methylnaphthalene	µg/kg-dw	48 U	410 U	780	44 U	46 U	40 U	65 U
2-Methylphenol	µg/kg-dw	48 UJ	410 U	390 U	44 U	46 U	40 U	65 U
4-Methylphenol	µg/kg-dw	48 UJ	410 U	390 U	44 U	46 U	40 U	65 U
Naphthalene	µg/kg-dw	48 U	410 U	1,900	44 U	52	40 U	65 U
2-Nitroaniline	µg/kg-dw	98 U	840 U	790 U	90 U	93 U	82 UJ	130 U
3-Nitroaniline	µg/kg-dw	1,200 U	11,000 U	10,000 U	1,100 U	1,200 U	1,000 U	1,700 U
4-Nitroaniline	µg/kg-dw	1,200 U	11,000 U	10,000 U	1,100 U	1,200 U	1,000 U	1,700 U
Nitrobenzene	µg/kg-dw	48 U	410 U	390 U	44 U	46 U	40 U	65 U
2-Nitrophenol	µg/kg-dw	250 UJ	2,100 U	2,000 U	230 U	240 U	210 U	340 U
4-Nitrophenol	µg/kg-dw	1,200 UJ	11,000 U	10,000 U	1,100 U	1,200 U	1,000 U	1,700 U
N-Nitrosodimethylamine	µg/kg-dw	250 U	2,100 U	2,000 U	230 U	240 U	210 U	340 U
N-nitroso-di-n-propylamine	µg/kg-dw	48 U	410 U	390 U	44 U	46 U	40 U	65 U
N-Nitrosodiphenylamine	µg/kg-dw	48 U	410 U	390 U	44 U	46 U	40 U	65 U
2,2'-Oxybis(1-chloropropane)	µg/kg-dw	48 U	410 U	390 U	44 U	46 U	40 U	65 U
Pentachlorophenol	µg/kg-dw	1,200 UJ	11,000 U	10,000 U	1,100 U	1,200 U	1,000 U	1,700 U
Phenanthrene	µg/kg-dw	88	1,900	13,000	240	1,000	800	870
Phenol	µg/kg-dw	48 UJ	410 U	390 U	44 U	46 U	40 U	65 U
Pyrene	µg/kg-dw	48 U	2,600	11,000	630	1,100	890	1,200
1,2,4-Trichlorobenzene	µg/kg-dw	48 U	410 U	390 U	44 U	46 U	40 U	65 U
2,4,5-Trichlorophenol	µg/kg-dw	250 UJ	2,100 U	2,000 U	230 U	240 U	210 U	340 U
2,4,6-Trichlorophenol	µg/kg-dw	250 UJ	2,100 U	2,000 U	230 U	240 U	210 U	340 U

Table B1-24. TCL Pesticides in Wetland Sediments

	Station:	S375	S375	S376	S376	S377	S377	S378	S378
	Date:	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000
	Depth (cm):	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30
	Duplicate:								
	Sample Number:	WS0001	WS0002	WS0003	WS0004	WS0005	WS0006	WS0007	WS0008
Parameter	**Units**								
Aldrin	µg/kg-dw	1.08 U	1.08 U	1.08 UJ	1.06 U	1.07 U	1.07 U	1.08 U	1.09 U
alpha-BHC	µg/kg-dw	1.08 UJ	1.08 UJ	1.08 UJ	1.06 UJ	1.07 UJ	1.07 UJ	1.08 UJ	1.09 UJ
beta-BHC	µg/kg-dw	1.08 UJ	1.08 UJ	1.08 UR	1.06 UJ	1.07 UJ	1.07 UJ	1.08 UJ	1.09 UJ
delta-BHC	µg/kg-dw	1.08 UR	1.08 UR	1.08 UR	1.06 UR	1.07 UR	1.07 UR	1.08 UR	1.09 UR
gamma-BHC (Lindane)	µg/kg-dw	1.08 UJ	1.08 UJ	1.08 UR	1.06 UJ	1.07 UJ	1.07 UJ	1.08 UJ	1.09 UJ
alpha-Chlordane	µg/kg-dw	1.08 UJ	1.08 UJ	1.08 UJ	1.06 UJ	1.07 UJ	1.07 UJ	1.08 UJ	1.09 UJ
gamma-Chlordane	µg/kg-dw	1.08 UJ	1.08 UJ	1.08 UJ	1.06 UJ	1.07 UJ	1.07 UJ	1.08 UJ	1.09 UJ
4,4'-DDD	µg/kg-dw	1.08 UJ	1.08 UJ	1.08 UR	1.06 UJ	1.07 UJ	1.07 UJ	1.08 UJ	1.09 UJ
4,4'-DDE	µg/kg-dw	1.08 UJ	1.08 UJ	1.08 UJ	1.06 UJ	1.07 UJ	1.07 UJ	1.23 R	2.43 J
4,4'-DDT	µg/kg-dw	1.72 J	1.45 J	2.32 J	2.24 J	1.45 J	1.07 UJ	1.08 UR	1.09 UR
Dieldrin	µg/kg-dw	1.08 UJ	1.08 UJ	1.08 UJ	1.06 UJ	1.07 UJ	1.07 UJ	1.08 UJ	1.09 UJ
Endosulfan I	µg/kg-dw	1.08 UJ	1.08 UJ	1.08 UJ	1.06 UJ	1.07 UJ	1.07 UJ	1.08 UJ	1.09 UJ
Endosulfan II	µg/kg-dw	1.08 UJ	1.08 UJ	1.08 UR	1.06 UJ	1.07 UJ	1.07 UJ	1.08 UJ	1.09 UJ
Endosulfan sulfate	µg/kg-dw	1.08 UR	1.08 UR	1.08 UR	1.06 UR	1.07 UR	1.07 UR	1.08 UR	1.09 UR
Endrin	µg/kg-dw	1.08 UJ	1.08 UJ	1.08 UJ	1.06 UJ	1.07 UJ	1.07 UJ	1.08 UJ	1.09 UJ
Endrin aldehyde	µg/kg-dw	1.08 UJ	1.08 UJ	1.08 UJ	1.06 UJ	1.07 UJ	1.07 UJ	1.08 UJ	1.09 UJ
Endrin ketone	µg/kg-dw	1.08 UJ	1.08 UJ	1.08 UJ	1.06 UJ	1.07 UJ	1.07 UJ	1.08 UJ	1.09 UJ
Heptachlor	µg/kg-dw	1.08 U	1.08 U	1.08 UJ	1.06 U	1.07 U	1.07 U	1.08 U	1.09 U
Heptachlor epoxide	µg/kg-dw	1.08 UJ	1.08 UJ	1.08 UJ	1.06 UJ	1.07 UJ	1.07 UJ	1.08 UJ	1.09 UJ
Methoxychlor	µg/kg-dw	1.08 UJ	1.08 UJ	1.08 UJ	1.06 UJ	1.07 UJ	1.07 UJ	1.08 UJ	1.09 UJ
Toxaphene	µg/kg-dw	108 UJ	108 UJ	108 UJ	106 UJ	107 UJ	107 UJ	108 UJ	109 UJ

Table B1-24. (cont.)

Station:	S379	S379	S379	S380	S380	S381	S381	S382
Date:	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000
Depth (cm):	0 - 15	15 - 30	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15
Duplicate:		D1	D2					
Sample Number:	WS0009	WS0010	WS0034	WS0011	WS0012	WS0013	WS0014	WS0015
Parameter	**Units**							
Aldrin	µg/kg-dw	1.04 UJ	1.06 U	1.09 U	1.05 UJ	1.04 U	1.07 U	1.09 U	1.09 U
alpha-BHC	µg/kg-dw	1.04 UJ	1.06 UJ	1.09 UJ	1.05 UJ	1.04 UJ	1.07 UJ	1.09 UJ	1.09 UJ
beta-BHC	µg/kg-dw	1.04 UJ	1.06 UR	1.09 UJ	1.05 UJ	1.17 J	1.07 UJ	1.09 UJ	1.09 UJ
delta-BHC	µg/kg-dw	1.04 UR	1.06 UR	1.09 UR	1.05 UR	1.04 UR	1.07 UR	1.09 UR	1.09 UR
gamma-BHC (Lindane)	µg/kg-dw	1.04 UJ	1.06 UJ	1.09 UJ	1.05 UJ	1.04 UJ	1.07 UJ	1.09 UJ	1.09 UJ
alpha-Chlordane	µg/kg-dw	1.04 UJ	1.06 UJ	1.09 UJ	1.05 UJ	1.04 UJ	1.07 UJ	1.09 UJ	1.09 UJ
gamma-Chlordane	µg/kg-dw	1.04 U	1.06 UJ	1.09 UJ	1.05 U	1.71 J	1.07 UJ	2.16 J	1.09 UJ
4,4'-DDD	µg/kg-dw	1.04 UJ	1.06 UJ	1.09 UJ	1.05 UJ	1.04 UJ	1.07 UJ	1.09 UJ	1.09 UJ
4,4'-DDE	µg/kg-dw	1.04 UJ	2.63 R	1.09 UJ	1.05 UJ	1.25 J	1.07 UJ	1.48 J	1.09 UJ
4,4'-DDT	µg/kg-dw	1.2 J	1.27 UJ	3.51 J	1.05 UJ	1.42 J	3.45 J	4.73 J	1.39 J
Dieldrin	µg/kg-dw	1.04 UJ	1.06 U	2.99 R	1.05 UJ	1.42 J	1.07 UJ	2.91 J	1.09 UJ
Endosulfan I	µg/kg-dw	1.04 UJ	1.06 UJ	1.09 UJ	1.05 UJ	1.04 UJ	1.07 UJ	1.09 UJ	1.09 UJ
Endosulfan II	µg/kg-dw	1.04 UJ	1.06 UJ	1.09 UJ	1.05 UJ	1.04 UJ	1.07 UJ	1.09 UJ	1.09 UJ
Endosulfan sulfate	µg/kg-dw	1.23 R	1.06 UR	1.09 UR	1.05 UR	1.04 UR	1.07 UR	1.09 UR	1.09 UR
Endrin	µg/kg-dw	1.04 UJ	1.06 U	1.09 UJ	1.49 R	1.04 UJ	1.07 UJ	1.09 UJ	1.09 UJ
Endrin aldehyde	µg/kg-dw	1.04 UJ	1.06 UJ	1.09 UJ	1.05 UJ	1.04 UJ	1.07 UJ	2.04 J	1.09 UJ
Endrin ketone	µg/kg-dw	1.04 UJ	1.06 UJ	1.09 UJ	1.05 UJ	1.04 UJ	1.07 UJ	1.09 UJ	1.09 UJ
Heptachlor	µg/kg-dw	1.04 U	1.06 U	1.09 U	1.05 U	1.04 U	1.07 U	1.09 U	1.09 U
Heptachlor epoxide	µg/kg-dw	1.04 U	2.09 J	1.44 R	2.18 J	2.34 J	1.07 UJ	1.26 J	1.09 UJ
Methoxychlor	µg/kg-dw	1.04 UJ	1.06 UJ	1.09 UJ	1.05 UJ	1.04 UJ	1.07 UJ	1.09 UJ	1.09 UJ
Toxaphene	µg/kg-dw	104 UJ	106 UJ	109 UJ	105 UJ	104 UJ	107 UJ	109 UJ	109 UJ

Table B1-24. (cont.)

Station:	S382	S383	S383	S384	S384	S385	S385	S385
Date:	8/12/2000	8/11/2000	8/11/2000	8/11/2000	8/11/2000	8/11/2000	8/11/2000	8/11/2000
Depth (cm):	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	0 - 15	15 - 30
Duplicate:						D1	D2	
Sample Number:	WS0016	WS0017	WS0018	WS0019	WS0020	WS0021	WS0033	WS0022
Parameter	**Units**							
Aldrin	µg/kg-dw	1.05 U	21 J	1.07 UJ	45.4 J	31.3 J	28.7 J	26.4 J	49.6 J
alpha-BHC	µg/kg-dw	1.05 UJ	2.29 R	1.17 R	2.48 J	2.35 J	1.06 UJ	1.09 UJ	3.85 R
beta-BHC	µg/kg-dw	1.05 UJ	1.05 UJ	1.07 UJ	1.08 UJ	1.09 UJ	10.7 J	1.09 UJ	1.08 UJ
delta-BHC	µg/kg-dw	1.05 UR	1.83 J	4.49 J	5.38 R	1.09 UR	3.14 J	2.77 R	10.4 J
gamma-BHC (Lindane)	µg/kg-dw	1.05 UJ	1.05 UJ	3.02 R	6.25 J	3.95 J	2.34 J	1.09 UJ	7.65 R
alpha-Chlordane	µg/kg-dw	1.05 UJ	5.52 J	18.4 J	10.9 J	10.6 J	2.02 R	1.09 UJ	1.08 UJ
gamma-Chlordane	µg/kg-dw	1.05 UJ	11.4 J	18.7 R	18.8 J	16.5 J	11.9 R	10.4 R	22.4 J
4,4'-DDD	µg/kg-dw	1.05 UJ	1.05 UJ	1.07 UJ	1.08 UJ	1.09 UJ	1.06 UJ	1.09 UJ	1.08 UJ
4,4'-DDE	µg/kg-dw	1.05 UJ	9.99 R	28.5 R	15.6 R	16.3 J	7.84 J	26.4 J	8.04 J
4,4'-DDT	µg/kg-dw	1.05 UJ	51 J	44.8 J	44 J	22.1 J	20.8 J	56.3 J	12.1 R
Dieldrin	µg/kg-dw	1.05 UJ	20.1 J	38.5	21.6 J	16.7 J	22.2 J	25.9	13.5 J
Endosulfan I	µg/kg-dw	1.05 UJ	1.05 UJ	1.07 UJ	10.9 J	1.09 UJ	7.85 J	9.82 J	1.08 UJ
Endosulfan II	µg/kg-dw	1.05 UJ	1.05 UJ	1.07 UJ	3.95 R	1.09 UJ	1.06 UJ	1.09 UJ	4.15 R
Endosulfan sulfate	µg/kg-dw	1.05 UR	1.85 R	1.07 UR	10.1 R	1.09 UR	2.58 R	5.99 R	6.31 R
Endrin	µg/kg-dw	1.05 UJ	1.05 UJ	13.3	1.08 UJ	1.09 U	3.17 R	1.09 U	1.08 U
Endrin aldehyde	µg/kg-dw	1.05 UJ	9.64 R	1.07 UJ	4.63 R	1.09 UJ	1.06 UJ	7.17 R	1.08 UJ
Endrin ketone	µg/kg-dw	1.05 UJ	1.05 UJ	1.07 UJ	16.8 J	8.17 J	5.88 J	1.09 UJ	6.06 J
Heptachlor	µg/kg-dw	1.05 U	1.05 UJ	1.07 U	1.08 UJ	1.09 U	1.06 UJ	1.09 U	1.08 U
Heptachlor epoxide	µg/kg-dw	1.05 UJ	14.5 J	31.8 J	1.08 UJ	1.09 U	14.4 J	1.09 U	33.5
Methoxychlor	µg/kg-dw	1.05 UJ	1.05 UJ	1.07 UJ	1.08 UJ	1.09 UJ	1.06 UJ	1.09 UJ	11.6 J
Toxaphene	µg/kg-dw	105 UJ	105 UJ	107 UJ	108 UJ	109 UJ	106 UJ	109 UJ	108 UJ

Table B1-24. (cont.)

	Station:	S386	S386	S387	S387	S388	S388	S389	S389
	Date:	8/11/2000	8/11/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/13/2000	8/13/2000
	Depth (cm):	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30
	Duplicate:								
	Sample Number:	WS0023	WS0024	WS0025	WS0026	WS0027	WS0028	WS0029	WS0030
Parameter	Units								
Aldrin	µg/kg-dw	5.43 UJ	3.35 J	1.07 U	1.09 U	1.09 U	4.54 R	1.13 R	1.05 UR
alpha-BHC	µg/kg-dw	1.01 UJ	1.1 UJ	1.07 UJ	1.09 UJ	1.09 UJ	1.07 UJ	1.05 UJ	1.05 UR
beta-BHC	µg/kg-dw	1.71 J	1.1 UJ	1.07 UJ	1.09 UJ	1.09 UJ	2.06 J	1.05 UJ	2.49 J
delta-BHC	µg/kg-dw	2.84 J	1.1 UR	1.07 UR	1.09 UR	1.09 UR	1.07 UR	1.09 R	1.05 UR
gamma-BHC (Lindane)	µg/kg-dw	1.28 J	1.1 UJ	1.07 UJ	1.09 UJ	1.09 UJ	1.07 UJ	1.05 UJ	1.05 UR
alpha-Chlordane	µg/kg-dw	1.01 UJ	1.1 UJ	1.07 UJ	1.09 UJ	1.09 UJ	2.57 R	2.99 J	4.91 J
gamma-Chlordane	µg/kg-dw	4.47 J	1.76 J	2.1 R	1.53 J	2.29 J	6.28 J	5.52 J	7.87 J
4,4'-DDD	µg/kg-dw	1.01 UJ	1.1 UJ	1.07 UJ	1.09 UJ	1.09 UJ	1.07 UJ	1.96 J	1.05 UR
4,4'-DDE	µg/kg-dw	4.85 J	3.41 J	2.59 J	1.09 UJ	1.32 J	5.69 R	6.63 R	7.43 J
4,4'-DDT	µg/kg-dw	5.73 R	3.51 J	2.07 J	3.12 J	3.87 J	11.9 J	5.78 J	8.75 J
Dieldrin	µg/kg-dw	4.12 J	2.04 J	2.63 J	3.7 J	4.97 J	4.07 R	3.22 J	3.86 J
Endosulfan I	µg/kg-dw	1.01 UJ	1.1 UJ	1.07 UJ	1.09 UJ	1.09 UJ	1.07 UJ	1.05 UJ	1.05 UJ
Endosulfan II	µg/kg-dw	1.01 UJ	1.1 UJ	1.07 UJ	1.09 UJ	1.09 UJ	1.07 UR	1.05 UR	1.05 UR
Endosulfan sulfate	µg/kg-dw	3.12 R	1.1 UR	1.07 UR	6.15 J	1.6 R	1.07 UR	1.05 UR	1.05 UR
Endrin	µg/kg-dw	1.01 U	1.1 U	1.07 UJ	1.68 J	1.09 UJ	2.89 J	1.05 UJ	2.61 J
Endrin aldehyde	µg/kg-dw	1.01 UJ	1.1 UJ	2.13 J	2.51 J	1.09 UJ	1.07 UJ	1.05 UJ	1.05 UR
Endrin ketone	µg/kg-dw	1.01 UJ	1.1 UJ	1.07 UJ	1.09 UJ	1.09 UJ	1.07 UJ	1.05 UJ	1.05 UR
Heptachlor	µg/kg-dw	1.01 U	1.1 U	1.07 U	1.09 U	1.09 U	1.07 U	1.05 U	1.05 UJ
Heptachlor epoxide	µg/kg-dw	3.31	1.1 U	2.19 J	2 R	3.56 R	1.07 UJ	4.97 J	4.1 R
Methoxychlor	µg/kg-dw	2.84 R	1.1 UJ	1.07 UJ	4.83 R	1.09 UJ	8.71 J	1.05 UJ	1.05 UJ
Toxaphene	µg/kg-dw	101 UJ	110 UJ	107 UJ	109 UJ	109 UJ	107 UJ	105 UJ	105 UJ

Table B1-24. (cont.)

	Station:	S390	S390
	Date:	8/13/2000	8/13/2000
	Depth (cm):	0 - 15	15 - 30
	Duplicate:		
	Sample Number:	WS0031	WS0032
Parameter	**Units**		
Aldrin	µg/kg-dw	1.05 UJ	7.14 R
alpha-BHC	µg/kg-dw	1.05 UJ	5.7 J
beta-BHC	µg/kg-dw	1.05 UJ	1.08 UJ
delta-BHC	µg/kg-dw	1.72 J	5.01 J
gamma-BHC (Lindane)	µg/kg-dw	1.05 UJ	1.08 UJ
alpha-Chlordane	µg/kg-dw	3.19 J	12.4 J
gamma-Chlordane	µg/kg-dw	4.24 J	15 J
4,4'-DDD	µg/kg-dw	1.43 J	8.27 J
4,4'-DDE	µg/kg-dw	2.32 J	19.5 R
4,4'-DDT	µg/kg-dw	5.9 J	24.7 J
Dieldrin	µg/kg-dw	1.05 UJ	20.6 J
Endosulfan I	µg/kg-dw	1.05 UJ	1.08 UJ
Endosulfan II	µg/kg-dw	1.05 UR	1.08 UR
Endosulfan sulfate	µg/kg-dw	1.05 UR	1.58 R
Endrin	µg/kg-dw	1.05 UJ	5.17 J
Endrin aldehyde	µg/kg-dw	1.05 UJ	1.08 UJ
Endrin ketone	µg/kg-dw	1.05 UJ	1.08 UJ
Heptachlor	µg/kg-dw	1.05 U	1.08 U
Heptachlor epoxide	µg/kg-dw	2.65 J	11 J
Methoxychlor	µg/kg-dw	1.05 UJ	6.99 R
Toxaphene	µg/kg-dw	105 UJ	108 UJ

Table B1-25. PCBs in Wetland Sediments

Station:		S375	S375	S376	S376	S377	S377	S378	S378	S379
Date:		8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000
Depth (cm):		0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15
Duplicate:										
Sample Number:		WS0001	WS0002	WS0003	WS0004	WS0005	WS0006	WS0007	WS0008	WS0009
Parameter	**Units**									
Aroclor 1016	µg/kg-dw	53.8 U	54.2 U	54 U	53.1 U	53.5 U	53.5 U	54.2 U	54.5 U	51.8 U
Aroclor 1221	µg/kg-dw	53.8 U	54.2 U	54 U	53.1 U	53.5 U	53.5 U	54.2 U	54.5 U	51.8 U
Aroclor 1232	µg/kg-dw	53.8 U	54.2 U	54 U	53.1 U	53.5 U	53.5 U	54.2 U	54.5 U	51.8 U
Aroclor 1242	µg/kg-dw	53.8 U	54.2 U	54 U	53.1 U	53.5 U	53.5 U	54.2 U	21.1 J	51.8 U
Aroclor 1248	µg/kg-dw	53.8 U	54.2 U	54 U	53.1 U	53.5 U	53.5 U	54.2 U	54.5 U	51.8 U
Aroclor 1254	µg/kg-dw	35.5 J	54.2 U	28 J	37.7 J	16.5 J	53.5 U	17.4 J	24.9 J	14.3 J
Aroclor 1260	µg/kg-dw	25.5 J	54.2 U	54 U	22.8 J	11.7 J	53.5 U	54.2 U	54.5 U	51.8 U
Aroclor 1268	µg/kg-dw	53.8 U	54.2 U	54 U	53.1 U	53.5 U	53.5 U	54.2 U	54.5 U	51.8 U

Table B1-25. (cont.)

Station:		S379	S379	S380	S380	S381	S381	S382	S382	S383
Date:		8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/11/2000
Depth (cm):		15 - 30	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15
Duplicate:		D1	D2							
Sample Number:		WS0010	WS0034	WS0011	WS0012	WS0013	WS0014	WS0015	WS0016	WS0017
Parameter	Units									
Aroclor 1016	µg/kg-dw	52.9 U	54.5 U	52.6 U	52 U	53.3 U	54.3 U	54.6 U	52.5 U	52.5 U
Aroclor 1221	µg/kg-dw	52.9 U	54.5 U	52.6 U	52 U	53.3 U	54.3 U	54.6 U	52.5 U	52.5 U
Aroclor 1232	µg/kg-dw	52.9 U	54.5 U	52.6 U	52 U	53.3 U	54.3 U	54.6 U	52.5 U	52.5 U
Aroclor 1242	µg/kg-dw	52.9 U	54.5 U	17.2 J	52 U	53.3 U	54.3 U	54.6 U	52.5 U	308 J
Aroclor 1248	µg/kg-dw	52.9 U	54.5 U	52.6 U	52 U	53.3 U	54.3 U	54.6 U	12 J	52.5 U
Aroclor 1254	µg/kg-dw	52.9 U	56.3 J	18.1 J	24.6 J	53.3 U	54.3 U	54.6 U	52.5 U	483 J
Aroclor 1260	µg/kg-dw	52.9 U	54.5 U	14 J	48.7 J	134 J	269 J	54.8 J	52.5 U	190 J
Aroclor 1268	µg/kg-dw	52.9 U	157 J	52.6 U	52 U	53.3 U	54.3 U	54.6 U	52.5 U	52.5 U

Table B1-25. (cont.)

Station:	S383	S384	S384	S385	S385	S385	S386	S386	S387
Date:	8/11/2000	8/11/2000	8/11/2000	8/11/2000	8/11/2000	8/11/2000	8/11/2000	8/11/2000	8/12/2000
Depth (cm):	15 - 30	0 - 15	15 - 30	0 - 15	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15
Duplicate:				D1	D2				
Sample Number:	WS0018	WS0019	WS0020	WS0021	WS0033	WS0022	WS0023	WS0024	WS0025
Parameter **Units**									
Aroclor 1016 µg/kg-dw	53.4 U	54.2 U	54.7 U	52.8 U	54.7 U	54.2 U	52.7 U	54.9 U	53.7 U
Aroclor 1221 µg/kg-dw	53.4 U	54.2 U	54.7 U	52.8 U	54.7 U	54.2 U	52.7 U	54.9 U	53.7 U
Aroclor 1232 µg/kg-dw	53.4 U	54.2 U	54.7 U	52.8 U	54.7 U	54.2 U	52.7 U	54.9 U	53.7 U
Aroclor 1242 µg/kg-dw	201 J	541 J	350 J	111 J	447 J	1130 J	49 J	68.8 J	16.3 J
Aroclor 1248 µg/kg-dw	53.4 U	54.2 U	54.7 U	52.8 U	54.7 U	54.2 U	52.7 U	54.9 U	53.7 U
Aroclor 1254 µg/kg-dw	750 J	372 J	273 J	419 J	473 J	492 J	52.7 U	50 J	42.4 J
Aroclor 1260 µg/kg-dw	372 J	158 J	154 J	141 J	140 J	197 J	576 J	52.5 J	29.5 J
Aroclor 1268 µg/kg-dw	53.4 U	54.2 U	54.7 U	52.8 U	54.7 U	54.2 U	52.7 U	54.9 U	53.7 U

Table B1-25. (cont.)

Station:		S387	S388	S388	S389	S389	S390	S390
Date:		8/12/2000	8/12/2000	8/12/2000	8/13/2000	8/13/2000	8/13/2000	8/13/2000
Depth (cm):		15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30
Duplicate:								
Sample Number:		WS0026	WS0027	WS0028	WS0029	WS0030	WS0031	WS0032
Parameter	Units							
Aroclor 1016	µg/kg-dw	54.7 U	54.4 UJ	53.7 U	52.3 U	52.3 U	52.3 U	54.1 U
Aroclor 1221	µg/kg-dw	54.7 U	54.4 UJ	53.7 U	52.3 U	52.3 U	52.3 U	54.1 U
Aroclor 1232	µg/kg-dw	54.7 U	54.4 UJ	53.7 U	52.3 U	52.3 U	52.3 U	54.1 U
Aroclor 1242	µg/kg-dw	13.7 J	66.3 J	108 J	17.8 J	41.1 J	21.3 J	537 J
Aroclor 1248	µg/kg-dw	54.7 U	54.4 UJ	53.7 U	52.3 U	52.3 U	52.3 U	54.1 U
Aroclor 1254	µg/kg-dw	58.7 J	127 J	248 J	100 J	129 J	125 J	719 J
Aroclor 1260	µg/kg-dw	55.2 J	94.6 J	194 J	144 J	116 UJ	189 J	249 J
Aroclor 1268	µg/kg-dw	54.7 U	54.4 UJ	53.7 U	52.3 U	52.3 U	52.3 U	54.1 U

Table B1-26. PCDD/PCDFs in Wetland Sediments

	Station:	S375	S375	S376	S376	S377	S377	S378	S378
	Date:	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000
	Depth (cm):	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30
	Duplicate:								
	Sample Number:	WS0001	WS0002	WS0003	WS0004	WS0005	WS0006	WS0007	WS0008
Parameter	**Units**								
2,3,7,8-Tetrachlorodibenzodioxin	ng/kg-dw	2.26	0.221 J	0.806 J	0.659 J	0.625 J	0.1 U	0.173 J	0.37 J
1,2,3,7,8-Pentachlorodibenzodioxin	ng/kg-dw	4.75	0.553 J	1.89 J	1.47 J	1.37	0.1 U	0.377 J	0.56 U
1,2,3,4,7,8-Hexachlorodibenzodioxin	ng/kg-dw	3.66 J	0.545 J	1.78 J	1.27 J	1.13 J	0.1 U	0.316 J	0.389 J
1,2,3,6,7,8-Hexachlorodibenzodioxin	ng/kg-dw	13	1.11 J	5.68	4.1	4.15	0.12 J	0.937 J	1.48 J
1,2,3,7,8,9-Hexachlorodibenzodioxin	ng/kg-dw	10.3	1.14 J	4.88	3.37 J	3.52	0.142 J	0.896 J	1.21 J
1,2,3,4,6,7,8-Heptachlorodibenzodioxin	ng/kg-dw	159	10.8	84.5	56.9	54.1	1.24 J	16.7	19
Total tetrachlorodibenzodioxins	ng/kg-dw	38.4	8.36	18	10.8	12.4	0.73 J	4.74	4.72
Total pentachlorodibenzodioxins	ng/kg-dw	24.1	6.16	9.28	8.91	10.4	0.485 J	1.15 J	4.75
Total hexachlorodibenzodioxins	ng/kg-dw	125	13.1	47.4	34.3	38.2	1.17 J	8.05	13.8
Total heptachlorodibenzodioxins	ng/kg-dw	303	20.5	161	107	103	2.15 J	31.9	35.5
Octachlorodibenzodioxin	ng/kg-dw	984	43.1	510	285	331	5.28 J	95.1	117
2,3,7,8-Tetrachlorodibenzofuran	ng/kg-dw	13.8	3.42	3.75	3.71	4.97	0.242 J	1.92	2.19
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg-dw	5.17 J	1.49	1.49	1.04 J	1.8	0.156 J	0.354 J	0.708 J
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg-dw	8.41	1.98	2.54	1.53	2.59	0.15 J	0.724 J	1.15
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg-dw	7.65	1.8 J	2.67	1.92 J	2.66	0.232 J	0.644 J	1.18 J
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg-dw	4.73 J	1.41 J	1.72 J	1.28 J	1.6 J	0.135 J	0.582 J	0.769 J
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg-dw	1.5 U	0.2 U	0.43 U	0.32 U	0.46 U	0.1 U	0.18 U	0.1 U
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg-dw	5.83	1.68 J	2.33 J	1.62 J	1.86 J	0.12 J	0.71 J	0.619 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg-dw	64.3	10.7	21.2	15.3	19.3	0.914 J	5.33	6.55
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg-dw	3.02 J	0.395 J	1.55 J	0.929 J	1.12 J	0.11 J	0.411 J	0.41 U
Total tetrachlorodibenzofurans	ng/kg-dw	186	44.3	48.8	41.2	54.9	2.5	23.7	33
Total pentachlorodibenzofurans	ng/kg-dw	121	26	23.4	20	35.5	1.23	8.72	16.1
Total hexachlorodibenzofurans	ng/kg-dw	89.5	19	33	22.6	26.4	1.25 J	6.07	11.7
Total heptachlorodibenzofurans	ng/kg-dw	126	16	46.4	29.3	38	0.83 J	10.4	12.8
Octachlorodibenzofuran	ng/kg-dw	96.5	7.69	37	21.6	24.7	0.905 J	6.76 J	9.19

Table B1-26. (cont.)

	Station:	S379	S379	S379	S380	S380	S381	S381
	Date:	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000
	Depth (cm):	0 - 15	15 - 30	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30
	Duplicate:		D1	D2				
	Sample Number:	WS0009	WS0010	WS0034	WS0011	WS0012	WS0013	WS0014
Parameter	Units							
2,3,7,8-Tetrachlorodibenzodioxin	ng/kg-dw	0.325 J	0.1 U	0.403 J	0.333 J	0.533 J	0.403 J	0.16 U
1,2,3,7,8-Pentachlorodibenzodioxin	ng/kg-dw	0.556 J	0.1 U	0.63 U	0.45 U	0.57 U	0.55 U	0.21 U
1,2,3,4,7,8-Hexachlorodibenzodioxin	ng/kg-dw	0.563 J	0.185 J	0.356 J	0.36 J	0.448 J	0.673 J	0.25 U
1,2,3,6,7,8-Hexachlorodibenzodioxin	ng/kg-dw	2.88	0.141 J	1.55 J	1.35 J	1.71 J	2.46	1.02 J
1,2,3,7,8,9-Hexachlorodibenzodioxin	ng/kg-dw	1.86 J	0.202 J	0.994 J	1.22 J	1.1 J	1.91 J	0.58 U
1,2,3,4,6,7,8-Heptachlorodibenzodioxin	ng/kg-dw	45	3.75	18.3	20.9	22.8	51.2	25.7
Total tetrachlorodibenzodioxins	ng/kg-dw	9.51	3.77	10.8	12.7	9.63	7.27	3.29
Total pentachlorodibenzodioxins	ng/kg-dw	4.14	0.94 J	3.75	1.77	1.67	3.28	0.3 J
Total hexachlorodibenzodioxins	ng/kg-dw	24.1	0.78 J	11.5	11.4	14	18.7	7.04
Total heptachlorodibenzodioxins	ng/kg-dw	86.9	6.11	35.2	45.2	46.5	102	52.6
Octachlorodibenzodioxin	ng/kg-dw	331	20.6	121	168	173	431	248
2,3,7,8-Tetrachlorodibenzofuran	ng/kg-dw	5.61	0.789 J	225	17.9	20.6	12	18.9
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg-dw	2.41	0.371 J	22.2	6.99	7.24	4.15	7.35
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg-dw	2.18	0.322 J	20.1	4.41	3.94	2.65	3.47
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg-dw	4.45	0.747 J	12.5	9.18	9.48	6.38	8.61
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg-dw	1.95 J	0.399 J	3.13 J	2.87	2.85	2.74	2.25 J
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg-dw	0.66 U	0.1 U	0.368 J	0.23 U	0.39 U	0.31 U	0.183 J
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg-dw	2.14 J	0.494 J	1.1 J	0.883 J	0.779 J	0.863 J	0.608 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg-dw	33	2.05 J	11.3	11.1	10.8	20	9.9
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg-dw	3.27	0.259 J	3.62 J	3.6	4.27	4.77	3.61
Total tetrachlorodibenzofurans	ng/kg-dw	47.8	7.88	543	69.9	88.9	62.5	50.3
Total pentachlorodibenzofurans	ng/kg-dw	28.2	4.06	92.8	36.6	35.9	31.3	29
Total hexachlorodibenzofurans	ng/kg-dw	38	2.81	30	25.6	28.3	33.6	26.2
Total heptachlorodibenzofurans	ng/kg-dw	70.4	1.23 J	25.5	28.4	29	55.8	29
Octachlorodibenzofuran	ng/kg-dw	40	2.73 J	42.4	38.4	50.5	85.9	36

Table B1-26. (cont.)

	Station:	S382	S382	S383	S383	S384	S384	S385
	Date:	8/12/2000	8/12/2000	8/11/2000	8/11/2000	8/11/2000	8/11/2000	8/11/2000
	Depth (cm):	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15
	Duplicate:							D1
	Sample Number:	WS0015	WS0016	WS0017	WS0018	WS0019	WS0020	WS0021
Parameter	**Units**							
2,3,7,8-Tetrachlorodibenzodioxin	ng/kg-dw	0.23 J	0.181 J	9.5	22.4	16.8	8.29	71.6
1,2,3,7,8-Pentachlorodibenzodioxin	ng/kg-dw	0.27 U	0.28 J	55.8	114	102	37.3	455
1,2,3,4,7,8-Hexachlorodibenzodioxin	ng/kg-dw	0.324 J	0.313 J	40.9	74.1	70.5	26.1	401
1,2,3,6,7,8-Hexachlorodibenzodioxin	ng/kg-dw	1.51 J	1.33 J	110	204	177	76	860
1,2,3,7,8,9-Hexachlorodibenzodioxin	ng/kg-dw	0.996 J	0.904 J	57.4	113	95.9	41.6	446
1,2,3,4,6,7,8-Heptachlorodibenzodioxin	ng/kg-dw	28.7	25.8	408	664	561	298	2,070
Total tetrachlorodibenzodioxins	ng/kg-dw	5.1	4.18	467	1,030	824	356	4,540
Total pentachlorodibenzodioxins	ng/kg-dw	1.42	1.4	493	1,130	935	324	4,400
Total hexachlorodibenzodioxins	ng/kg-dw	11.8	8.26	609	1,230	1,010	473	5,280
Total heptachlorodibenzodioxins	ng/kg-dw	59	52.1	697	1,220	968	556	3,500
Octachlorodibenzodioxin	ng/kg-dw	263	247	1,470	2,190	1,720	1,100	2,700
2,3,7,8-Tetrachlorodibenzofuran	ng/kg-dw	10.2	21.3	281	446	442	476	1,070
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg-dw	5.87	9.34	138	206	224	265	553
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg-dw	2.45	3.88	243	476	477	559	726
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg-dw	13.9	10.8	214	347	332	490	506
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg-dw	3.71	3.27	67.4	94.1	98.6	155	147
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg-dw	0.4 U	0.228 J	6.13	7.18	9.08	10.7	12.8
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg-dw	0.882 J	0.873 J	21.6	31.4	33.2	40.8	49
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg-dw	17.3	9.64	151	207	216	329	391
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg-dw	6.4	22.2	43.6	54.5	63.7	88.2	83.9
Total tetrachlorodibenzofurans	ng/kg-dw	35.2	84.8	1,810	3,220	3,340	3,120	4,960
Total pentachlorodibenzofurans	ng/kg-dw	23.7	35.5	1,080	1,870	1,910	2,220	3,280
Total hexachlorodibenzofurans	ng/kg-dw	35.1	37.4	545	833	827	1,120	1,300
Total heptachlorodibenzofurans	ng/kg-dw	43.6	103	300	413	430	598	718
Octachlorodibenzofuran	ng/kg-dw	83.2	27.8	303	455	481	502	774

Table B1-26. (cont.)

Station:	S385	S385	S386	S386
Date:	8/11/2000	8/11/2000	8/11/2000	8/11/2000
Depth (cm):	0 - 15	15 - 30	0 - 15	15 - 30
Duplicate:	D2			
Sample Number:	WS0033	WS0022	WS0023	WS0024
Parameter	**Units**			
2,3,7,8-Tetrachlorodibenzodioxin	ng/kg-dw	40.5	14.2	2.61	4.17
1,2,3,7,8-Pentachlorodibenzodioxin	ng/kg-dw	241	57.6	11.4	22.7
1,2,3,4,7,8-Hexachlorodibenzodioxin	ng/kg-dw	194	47.6	7.96	13.9
1,2,3,6,7,8-Hexachlorodibenzodioxin	ng/kg-dw	443	115	21	42.7
1,2,3,7,8,9-Hexachlorodibenzodioxin	ng/kg-dw	234	64.9	14.8	23.4
1,2,3,4,6,7,8-Heptachlorodibenzodioxin	ng/kg-dw	1,160	374	71.3	96.1
Total tetrachlorodibenzodioxins	ng/kg-dw	2,370	602	108	187
Total pentachlorodibenzodioxins	ng/kg-dw	2,500	626	65.9	235
Total hexachlorodibenzodioxins	ng/kg-dw	2,780	794	126	254
Total heptachlorodibenzodioxins	ng/kg-dw	2,070	674	129	169
Octachlorodibenzodioxin	ng/kg-dw	2,020	688	250	109
2,3,7,8-Tetrachlorodibenzofuran	ng/kg-dw	688	605	137	146
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg-dw	397	637	51.6	55.6
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg-dw	695	623	156	121
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg-dw	421	1,180	72.1	64.1
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg-dw	119	350	16.3	16.8
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg-dw	9.95	23.6	2.51	2.72
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg-dw	37.6	87.9	8.1	6.83
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg-dw	283	721	53	47.6
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg-dw	65.6	240	24.1	16.8
Total tetrachlorodibenzofurans	ng/kg-dw	4,430	4,590	929	865
Total pentachlorodibenzofurans	ng/kg-dw	2,930	3,600	605	542
Total hexachlorodibenzofurans	ng/kg-dw	1,070	2,410	188	185
Total heptachlorodibenzofurans	ng/kg-dw	539	1,270	121	92
Octachlorodibenzofuran	ng/kg-dw	633	716	207	154

Table B1-27. Inorganics in Wetland Sediments

Station:	S375	S375	S376	S376	S377	S377	S378	S378	S379
Date:	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000
Depth (cm):	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15
Duplicate:									
Sample Number:	WS0001	WS0002	WS0003	WS0004	WS0005	WS0006	WS0007	WS0008	WS0009
Parameter **Units**									
Aluminum mg/kg-dw	7,840	9,450	6,540	4,330	3,950	2,460	4,250	5,410	12,400
Antimony mg/kg-dw	0.86 U	0.74	0.54 U	0.41 U	0.58	0.35 U	0.68 U	0.55 U	0.51
Arsenic mg/kg-dw	3.5	2.3	4	2.2	2.7	1.3	1.8	3.2	18.4
Barium mg/kg-dw	122	115	176	125	114	110	129	131	98.7
Beryllium mg/kg-dw	0.63	0.6	0.44	0.31	0.33	0.21	0.32	0.37	1.2
Cadmium mg/kg-dw	14.3	2.9	1.9	1.8	2.9	0.31	0.66	1.1	0.64
Calcium mg/kg-dw	99,000	96,800	198,000	189,000	264,000	315,000	331,000	298,000	122,000
Chromium mg/kg-dw	154	33.4	41.1	27.4	47.9	6.2	15.9	21.4	46.7
Cobalt mg/kg-dw	3.9	3	5.6	2.3	2	1.1	3	2.9	8.5
Copper mg/kg-dw	120	58.3	66.8	51.8	38.3	8	19.3	23.6	48.5
Cyanide mg/kg-dw	2.3 U	1.6 U	5.4	1.1 U	1.3 U	0.91 U	1.8 U	1.5 U	1.1 U
Iron mg/kg-dw	11,100	9,370	14,300	6,880	6,420	3,250	9,430	9,860	21,600
Lead mg/kg-dw	175	162	81.3	41.1	48.6	12	18.3	26.2	115
Magnesium mg/kg-dw	6,780	3,790	14,200	4,320	4,250	2,840	4,750	4,600	10,700
Manganese mg/kg-dw	230	152	218	120	234	263	242	230	294
Total Mercury mg/kg-dw	3.9 J	1 J	0.45 J	0.4 J	0.88 J	0.07 J	0.23 J	0.083 UJ	1.8 J
Nickel mg/kg-dw	64.3	42.6	29.8	22.8	26.2	7	15.9	17.8	33.8
Potassium mg/kg-dw	1,740	1,640	1,290	702	793	349	687	914	2,120
Selenium mg/kg-dw	2.5	1.8	1 U	0.8 U	0.93 U	0.67 U	1.3 U	1.1 U	1.8
Silver mg/kg-dw	1.4	0.26	0.23	0.2	0.3	0.14 U	0.27 U	0.22 U	0.16 U
Sodium mg/kg-dw	3,120 J	2,420 J	1,640 J	1,580 J	1,470 J	1,110 J	2,260 J	1,950 J	2,180 J
Thallium mg/kg-dw	2.2 U	1.6 U	1.4 U	1.1 U	1.2 U	1.3	1.7 U	1.4 U	2.5
Vanadium mg/kg-dw	22.3	19.6	17.2	9.9	10.1	4.5	7.5	10.2	30.6
Zinc mg/kg-dw	353 J	175 J	510 J	198 J	128 J	52.2 J	108 J	118 J	119 J

Table B1-27. (cont.)

Station:	S379	S379	S380	S380	S381	S381	S382	S382	S383
Date:	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/11/2000
Depth (cm):	15 - 30	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15
Duplicate:	D1	D2							
Sample Number:	WS0010	WS0034	WS0011	WS0012	WS0013	WS0014	WS0015	WS0016	WS0017
Parameter	Units								
Aluminum	mg/kg-dw	9,760	2,810	2,840	1,870	9,000	3,930	4,320	5,440	4,920
Antimony	mg/kg-dw	0.7 U	0.34 U	0.53 U	10	0.36 U	0.32	0.3 U	0.3 U	0.64 J
Arsenic	mg/kg-dw	8.4 J	1.7 J	2	3.3	4.3	2.9	3.4	3.9	6.8
Barium	mg/kg-dw	105	101	157	103	84.2	73.7	79.7	84.9	273 J
Beryllium	mg/kg-dw	0.66	0.25	0.32	0.23	0.51	0.27	0.3	0.34	0.46
Cadmium	mg/kg-dw	0.15	0.53	0.9	1	0.18	0.16	0.16	0.14	1.3
Calcium	mg/kg-dw	40,300 J	240,000 J	335,000	269,000	108,000	282,000	242,000	256,000	218,000
Chromium	mg/kg-dw	16.3	16.7	26.5	17.1	23.1	11.7	13.3	17.7	42.7
Cobalt	mg/kg-dw	3.5	2.1	2.8	2.8	5.6	2.6	2.8	2.9	5
Copper	mg/kg-dw	24.3	22.4	26.4	19.8	38.4	23	25.3	37.8	53
Cyanide	mg/kg-dw	1.9 U	0.88 U	1.4 U	1 U	0.95 U	0.77 U	0.8 U	0.79 U	0.87 U
Iron	mg/kg-dw	16,900 J	4,120 J	6,320	9,520	16,900	7160	8,070	9,360	11,700
Lead	mg/kg-dw	20.7	46.2	59.1	38.7	37.1	24.3	24.5	33.3	90.8 J
Magnesium	mg/kg-dw	3,700	3,370	5,700	3,150	14,300	5,400	6,450	8,210	7,930
Manganese	mg/kg-dw	158	187	328	230	488	292	264	283	290
Total Mercury	mg/kg-dw	0.22 J	1.8 J	3.4 J	2.3 J	2.1 J	1.3 J	1.2 J	0.67 J	11.4
Nickel	mg/kg-dw	21.6	16	14.7	17.7	19.4	8.9	12.1	17.9	32.5
Potassium	mg/kg-dw	1,550	518	583	341	2,160	819	1,090	1,330	832
Selenium	mg/kg-dw	2.5 J	0.67 J	1 U	0.74 U	0.7 U	0.57 U	0.59 U	0.58 U	1.3
Silver	mg/kg-dw	0.28 U	0.13 U	0.21 U	0.15 U	0.14 U	0.12 U	0.12 U	0.12 U	0.25
Sodium	mg/kg-dw	4,540 J	1,230 J	1,680 J	1,430 J	682 J	1,360 J	3,420 J	5,430 J	1,230 J
Thallium	mg/kg-dw	3.2	0.87 U	2.1	0.98 U	0.93 U	0.89	1	1	0.86 U
Vanadium	mg/kg-dw	19 J	5.1 J	6.4	4.7	16.8	7.3	8.7	9.7	11
Zinc	mg/kg-dw	33.1 J	61.2 J	82.3 J	163 J	118 J	57.4 J	70.6 J	90.4 J	138

Table B1-27. (cont.)

	Station:	S383	S384	S384	S385	S385	S385	S386	S386	S387
	Date:	8/11/2000	8/11/2000	8/11/2000	8/11/2000	8/11/2000	8/11/2000	8/11/2000	8/11/2000	8/12/2000
	Depth (cm):	15 - 30	0 - 15	15 - 30	0 - 15	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15
	Duplicate:				D1	D2				
	Sample Number:	WS0018	WS0019	WS0020	WS0021	WS0033	WS0022	WS0023	WS0024	WS0025
Parameter	**Units**									
Aluminum	mg/kg-dw	3,680	3,510	3,540	5,040	5,450	2,300	5,410	6,500	2,610
Antimony	mg/kg-dw	0.83 J	0.55 J	0.59 J	1.3 J	0.89 J	5.5 J	0.32 UJ	0.43 J	0.25 U
Arsenic	mg/kg-dw	7	4.9	4.6	7.1	10.1	8.5	7.8	9.3	1.6
Barium	mg/kg-dw	263 J	176 J	274 J	370 J	410 J	161 J	369 J	655 J	67.4
Beryllium	mg/kg-dw	0.44	0.63	0.35	0.51	0.58	0.25	0.47	0.49	0.28
Cadmium	mg/kg-dw	4.6	0.84	0.85	1.9	2.6	3.1	0.73	0.67	2.7
Calcium	mg/kg-dw	283,000	152,000	233,000	164,000	229,000	302,000	231,000	242,000	142,000
Chromium	mg/kg-dw	97.9	33.7	59.5	49	60.2	48	40	14.5	48.7
Cobalt	mg/kg-dw	4.2	3.1	5	4.3	4.8	2.8	4.6	4	1.8
Copper	mg/kg-dw	62.9	45	59.8	63.8	84.7	69	167	89	18.6
Cyanide	mg/kg-dw	0.86 U	1.1 U	0.93 U	0.89 U	0.96 U	0.82 U	0.85 U	0.66 U	0.67 U
Iron	mg/kg-dw	8,940	9,040	9,840	10,800	12,700	3,810	9,420	11,400	6830
Lead	mg/kg-dw	276 J	92.4 J	103 J	244 J	274 J	376 J	30.4 J	21.8 J	23.3
Magnesium	mg/kg-dw	5,220	5,450	8,240	7,770	7,650	3,420	8,810	12,800	15,600
Manganese	mg/kg-dw	276	175	268	140	185	143	303	299	254
Total Mercury	mg/kg-dw	15.4	17.9	11.1	18	32.1	60.2	4.8	8.5	0.054 J
Nickel	mg/kg-dw	44.7	23.4	26.2	39.2	48.6	44.5	26.8	23.6	13.1
Potassium	mg/kg-dw	415	420	499	909	972	138	882	927	504
Selenium	mg/kg-dw	1.2	1.6	1.1	1.6	1.8	1.3	1.1	0.81	0.5 U
Silver	mg/kg-dw	0.74	0.21	0.59	1.1	1.4	1.4	0.15	0.099 U	0.16
Sodium	mg/kg-dw	1,590 J	1,300 J	3,870 J	1,390 J	1,780 J	3,390 J	1,400 J	1,300 J	332 J
Thallium	mg/kg-dw	0.84 U	1.1 U	0.91 U	0.88 U	0.94 U	0.8 U	0.83 U	0.64 U	0.66 U
Vanadium	mg/kg-dw	9.3	12.4	12.8	12.7	13.4	6.2	12.9	11.8	5.1
Zinc	mg/kg-dw	192	110	152	111	127	138	89	65.2	81.4 J

Table B1-27. (cont.)

Station:	S387	S388	S388	S389	S389	S390	S390
Date:	8/12/2000	8/12/2000	8/12/2000	8/13/2000	8/13/2000	8/13/2000	8/13/2000
Depth (cm):	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30
Duplicate:							
Sample Number:	WS0026	WS0027	WS0028	WS0029	WS0030	WS0031	WS0032
Parameter	Units						
Aluminum	mg/kg-dw	2,490	3,500	2,470	7,090	5,390	2,410	15,100
Antimony	mg/kg-dw	0.27 UJ	0.33 J	0.46 J	0.58 J	0.79 J	0.23 UJ	0.92
Arsenic	mg/kg-dw	2.4	3	3.1	3.7	5	1.8	10.8
Barium	mg/kg-dw	98.2 J	143 J	161 J	152	118	31.4	324
Beryllium	mg/kg-dw	0.27	0.3	0.25	0.44	0.37	0.17	0.88
Cadmium	mg/kg-dw	7.3	8.8	8.7	8.8	19	0.94	80.4
Calcium	mg/kg-dw	207,000	148,000	168,000	110,000	70,700	91,400	74,100
Chromium	mg/kg-dw	112	87.8	83.9	115 J	135 J	11.6 J	594
Cobalt	mg/kg-dw	1.4	3.8	3.3	4.7	4.8	1.5	9.3
Copper	mg/kg-dw	43.5	74	82.9	87.5	165	17.5	517
Cyanide	mg/kg-dw	0.72 U	0.64 U	0.59 U	0.79 U	0.65 U	0.61 U	1.4
Iron	mg/kg-dw	10700	9,190	6,870	11,800	9,620	7,230	27,000
Lead	mg/kg-dw	44.5 J	112 J	114 J	116 J	112 J	55.4 J	340
Magnesium	mg/kg-dw	6,920	7,070	4,830	17,000	9,370	12,900	13,900
Manganese	mg/kg-dw	282	242	227	284 J	205 J	175 J	348
Total Mercury	mg/kg-dw	0.11 J	1.5 J	1.5	1.1	0.37	0.035 U	6
Nickel	mg/kg-dw	11.9	24	26.8	31.8	48.7	8.1	100
Potassium	mg/kg-dw	366	930	559	1,880	1,360	666	3,750
Selenium	mg/kg-dw	0.64	0.87	0.84	0.59 U	4.1	0.45 U	1.1
Silver	mg/kg-dw	0.38	1.8	1.3	2.7	1.7	0.091 U	11.5
Sodium	mg/kg-dw	641 J	366 J	438 J	502 J	406 J	242 J	2,070 J
Thallium	mg/kg-dw	1	0.63 U	0.58 U	0.78 U	0.63 U	0.6 U	0.98 U
Vanadium	mg/kg-dw	4.3	8.7	5.9	15.5 J	11.8 J	5.3 J	31.1 J
Zinc	mg/kg-dw	147	241	236	224	320	91.9	866

Table B1-28. TOC, Grain Size, and Total Solids in Wetland Sediments

	Station:	S375	S375	S376	S376	S377	S377	S378	S378	S379
	Date:	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000
	Depth (cm):	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15
	Duplicate:									
	Sample Number:	WS0001	WS0002	WS0003	WS0004	WS0005	WS0006	WS0007	WS0008	WS0009
Parameter	**Units**									
Percent clay	%-ww	11	12	11	7	7	9	7	9	18
Percent sand	%-ww	57	55	50	47	52	52	56	33	16
Percent silt	%-ww	32	33	39	46	41	39	37	58	66
Total organic carbon	%-dw	26.5	22.6	15	12.2	15.4	10.6	11.1	11.2	10.8
Total solids	%-ww	22.2	31.3	35.3	46.4	39.6	54.8	28.1	34.4	44.6

Table B1-28. (cont.)

Station:		S379	S379	S380	S380	S381	S381	S382	S382
Date:		8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/12/2000
Depth (cm):		15 - 30	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30
Duplicate:		D1	D2						
Sample Number:		WS0010	WS0034	WS0011	WS0012	WS0013	WS0014	WS0015	WS0016
Parameter	Units								
Percent clay	%-ww	11	5	4	6	11	14	11	14
Percent sand	%-ww	70	64	53	64	23	2	19	2
Percent silt	%-ww	19	31	43	30	66	84	70	84
Total organic carbon	%-dw	29.7	12.2	11.2	13.2	26.1	5.04	7.48	9.16
Total solids	%-ww	27.9	57.2	42.4	52.2	52.9	64.4	63	63.9

Table B1-28. (cont.)

Station:		S383	S383	S384	S384	S385	S385	S385	S386	S386
Date:		8/11/2000	8/11/2000	8/11/2000	8/11/2000	8/11/2000	8/11/2000	8/11/2000	8/11/2000	8/11/2000
Depth (cm):		0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	0 - 15	15 - 30	0 - 15	15 - 30
Duplicate:						D1	D2			
Sample Number:		WS0017	WS0018	WS0019	WS0020	WS0021	WS0033	WS0022	WS0023	WS0024
Parameter	**Units**									
Percent clay	%-ww	5	5	4	4	6	7	8	5	5
Percent sand	%-ww	80	79	86	53	74	67	26	78	84
Percent silt	%-ww	15	16	10	43	20	26	66	17	11
Total organic carbon	%-dw	10.9	15.5	27.5	21	14.4	21	8.38	7.81	10
Total solids	%-ww	55.8	57.5	38.7	54.3	53.6	51.7	61.8	59.5	74.2

Table B1-28. (cont.)

	Station:	S387	S387	S388	S388	S389	S389	S390	S390
	Date:	8/12/2000	8/12/2000	8/12/2000	8/12/2000	8/13/2000	8/13/2000	8/13/2000	8/13/2000
	Depth (cm):	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30
	Duplicate:								
	Sample Number:	WS0025	WS0026	WS0027	WS0028	WS0029	WS0030	WS0031	WS0032
Parameter	**Units**								
Percent clay	%-ww	1	2	6	4	7	5	2	12
Percent sand	%-ww	94	86	48	69	83	82	93	41
Percent silt	%-ww	5	12	46	27	10	13	5	47
Total organic carbon	%-dw	6.72	10.6	7.43	11.1	7.03	11.7	4.79	15.3
Total solids	%-ww	82.2	69.9	78.2	84.5	67.8	71.7	82.9	50.5

Table B1-29. TCL SVOCs in Dredged Material

Station:	S436	S436	S436	S436	S436	S436	S437	S437
Date:	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000
Depth (cm):	0 - 40	40 - 104	104 - 183	104 - 183	244 - 280	280 - 314	0 - 107	107 - 146
Duplicate:			D1	D2				
Sample Number:	DM0001	DM0002	DM0003	DM0043	DM0004	DM0005	DM0031	DM0032
Parameter	**Units**							
Acenaphthene	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	81 U	39 U	51 UJ
Acenaphthylene	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	81 U	39 U	51 UJ
Anthracene	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	81 U	39 U	96 J
Benz(a)anthracene	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	81 U	39 U	140 J
Benzo(a)pyrene	µg/kg-dw	38 U	63	550 U	55 UJ	57 U	81 U	39 U	160 J
Benzo(b)fluoranthene	µg/kg-dw	38 U	62	550 U	55 UJ	57 U	81 U	39 U	160 J
Benzo(g,h,i)perylene	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	81 U	39 U	110 J
Benzo(k)fluoranthene	µg/kg-dw	38 U	60	550 U	55 UJ	57 U	81 U	39 U	150 J
Benzyl alcohol	µg/kg-dw	190 U	250 U	2,800 U	280 UJ	290 U	420 U	200 U	260 UJ
Bis(2-chloroethoxy)methane	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	81 U	39 U	51 UJ
Bis(2-chloroethyl)ether	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	81 U	39 U	51 UJ
Bis(2-ethylhexyl)phthalate	µg/kg-dw	96 J	48 UJ	550 UJ	55 UJ	130 J	96 J	47 J	560 J
4-Bromophenyl-phenyl ether	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	81 U	39 U	51 UJ
Butylbenzylphthalate	µg/kg-dw	38 UJ	48 UJ	550 UJ	55 UJ	57 UJ	81 UJ	39 UJ	51 UJ
Carbazole	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	81 U	39 U	51 UJ
4-Chloro-3-methylphenol	µg/kg-dw	190 U	250 U	2,800 U	280 UJ	290 U	420 U	200 U	260 UJ
4-Chloroaniline	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	81 U	39 U	98 J
2-Chloronaphthalene	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	81 U	39 U	51 UJ
2-Chlorophenol	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	81 U	39 U	51 UJ
4-Chlorophenyl-phenyl ether	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	81 U	39 U	51 UJ
Chrysene	µg/kg-dw	38 U	74	550 U	55 UJ	57 U	81 U	41	190 J
Dibenz(a,h)anthracene	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	81 U	39 U	51 UJ
Dibenzofuran	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	81 U	39 U	51 UJ
1,2-Dichlorobenzene	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	81 U	39 U	51 UJ
1,3-Dichlorobenzene	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	120	39 U	57 UJ
1,4-Dichlorobenzene	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	81 U	39 U	51 UJ
3,3-Dichlorobenzidine	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	81 U	39 U	51 UJ
2,4-Dichlorophenol	µg/kg-dw	190 U	250 U	2,800 U	280 UJ	290 U	420 U	200 U	260 UJ
Diethylphthalate	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	81 U	39 U	51 UJ

Table B1-29. (cont.)

Station:	S436	S436	S436	S436	S436	S436	S437	S437
Date:	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000
Depth (cm):	0 - 40	40 - 104	104 - 183	104 - 183	244 - 280	280 - 314	0 - 107	107 - 146
Duplicate:			D1	D2				
Sample Number:	DM0001	DM0002	DM0003	DM0043	DM0004	DM0005	DM0031	DM0032
Parameter	**Units**							
2,4-Dimethylphenol	µg/kg-dw	190 U	250 U	2,800 U	280 UJ	290 U	420 U	200 U	260 UJ
Dimethylphthalate	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	81 U	39 U	51 UJ
Di-n-butylphthalate	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	81 U	39 U	100 J
2,4-Dinitrophenol	µg/kg-dw	970 U	1,200 U	14,000 U	1,400 UJ	1,500 U	2,100 U	1,000 U	1,300 UJ
2,4-Dinitrotoluene	µg/kg-dw	190 U	250 U	2,800 U	280 UJ	290 U	420 U	200 U	260 UJ
2,6-Dinitrotoluene	µg/kg-dw	190 U	250 U	2,800 U	280 UJ	290 U	420 U	200 U	260 UJ
Di-n-octylphthalate	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	81 U	39 U	51 UJ
Fluoranthene	µg/kg-dw	38 U	130	550 U	79 J	100	170	71	320 J
Fluorene	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	81 U	39 U	51 UJ
Hexachlorobenzene	µg/kg-dw	38 U	55	550 U	55 UJ	57 U	81 U	39 U	51 UJ
Hexachlorobenzene (GC/ECD)	µg/kg-dw								
Hexachlorobutadiene	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	81 U	39 U	51 UJ
Hexachlorocyclopentadiene	µg/kg-dw	190 U	250 U	2,800 U	280 UJ	290 U	420 U	200 U	260 UJ
Hexachloroethane	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	81 U	39 U	51 UJ
Indeno(1,2,3-cd)pyrene	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	81 U	39 U	100 J
Isophorone	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	81 U	39 U	51 UJ
2-Methyl-4,6-dinitrophenol	µg/kg-dw	970 U	1,200 U	14,000 U	1,400 UJ	1500 U	2,100 U	1,000 U	1,300 UJ
2-Methylnaphthalene	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	81 U	39 U	51 UJ
2-Methylphenol	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	81 U	39 U	51 UJ
4-Methylphenol	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	81 U	39 U	51 UJ
Naphthalene	µg/kg-dw	38 U	48 U	18,000	55 UJ	57 U	81 U	39 U	51 UJ
2-Nitroaniline	µg/kg-dw	76 U	98 U	1100 U	110 UJ	120 U	160 U	79 U	100 UJ
3-Nitroaniline	µg/kg-dw	970 U	1,200 U	14,000 U	1,400 UJ	1,500 U	2,100 U	1,000 U	1,300 UJ
4-Nitroaniline	µg/kg-dw	970 U	1,200 U	14,000 U	1,400 UJ	1,500 U	2,100 U	1,000 U	1,300 UJ
Nitrobenzene	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	81 U	39 U	51 UJ
2-Nitrophenol	µg/kg-dw	190 U	250 U	2,800 U	280 UJ	290 U	420 U	200 U	260 UJ
4-Nitrophenol	µg/kg-dw	970 U	1,200 U	14,000 U	1,400 UJ	1,500 U	2,100 U	1,000 U	1,300 UJ
N-Nitrosodimethylamine	µg/kg-dw	190 U	250 U	2,800 U	280 UJ	290 U	420 U	200 U	260 UJ
N-nitroso-di-n-propylamine	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	81 U	39 U	51 UJ

Table B1-29. (cont.)

	Station:	S436	S436	S436	S436	S436	S436	S437	S437
	Date:	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000
	Depth (cm):	0 - 40	40 - 104	104 - 183	104 - 183	244 - 280	280 - 314	0 - 107	107 - 146
	Duplicate:			D1	D2				
	Sample Number:	DM0001	DM0002	DM0003	DM0043	DM0004	DM0005	DM0031	DM0032
Parameter	**Units**								
N-Nitrosodiphenylamine	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	81 U	39 U	51 UJ
2,2'-Oxybis(1-chloropropane)	µg/kg-dw	38 UJ	48 UJ	550 UJ	55 UJ	57 UJ	81 UJ	39 UJ	51 UJ
Pentachlorophenol	µg/kg-dw	970 U	1,200 U	14,000 U	1,400 UJ	1,500 U	2,100 U	1,000 U	1,300 UJ
Phenanthrene	µg/kg-dw	38 U	68	550 U	55 UJ	57 U	81 U	39 U	130 J
Phenol	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	81 U	39 U	51 UJ
Pyrene	µg/kg-dw	38 U	100	550 U	76 J	80	120	53	240 J
1,2,4-Trichlorobenzene	µg/kg-dw	38 U	48 U	550 U	55 UJ	57 U	81 U	39 U	51 UJ
2,4,5-Trichlorophenol	µg/kg-dw	190 U	250 U	2,800 U	280 UJ	290 U	420 U	200 U	260 UJ
2,4,6-Trichlorophenol	µg/kg-dw	190 U	250 U	2,800 U	280 UJ	290 U	420 U	200 U	260 UJ

Table B1-29. (cont.)

Station:	S437	S437	S437	S438	S438	S438	S438	S438
Date:	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000
Depth (cm):	146 - 192	210 - 233	282 - 297	0 - 49	61 - 149	61 - 149	183 - 207	207 - 265
Duplicate:					D1	D2		
Sample Number:	DM0033	DM0034	DM0035	DM0011	DM0012	DM0042	DM0013	DM0014
Parameter	Units							
Acenaphthene	µg/kg-dw	56 U	59 U	82 U	39 U	47	38 UJ	55 U	56 U
Acenaphthylene	µg/kg-dw	56 U	59 U	82 U	39 U	38 U	38 UJ	55 U	56 U
Anthracene	µg/kg-dw	56 U	59 U	82 U	39 U	79	51 J	55 U	56 U
Benz(a)anthracene	µg/kg-dw	82	60	170	83	240	180 J	55 U	67
Benzo(a)pyrene	µg/kg-dw	92	70	170	86	220	190 J	55 U	74
Benzo(b)fluoranthene	µg/kg-dw	79	70	180	77	190	160 J	55 U	59
Benzo(g,h,i)perylene	µg/kg-dw	66	59 U	99	56	130	120 J	55 U	56 U
Benzo(k)fluoranthene	µg/kg-dw	85	62	180	73	190	180 J	55 U	56 U
Benzyl alcohol	µg/kg-dw	290 U	300 U	420 U	200 U	190 U	190 UJ	290 U	290 U
Bis(2-chloroethoxy)methane	µg/kg-dw	56 U	59 U	82 U	39 U	38 U	38 UJ	55 U	56 U
Bis(2-chloroethyl)ether	µg/kg-dw	56 U	59 U	82 U	39 U	38 U	38 UJ	55 U	56 U
Bis(2-ethylhexyl)phthalate	µg/kg-dw	99 J	91	160	63 J	830 J	87 J	130 J	140 J
4-Bromophenyl-phenyl ether	µg/kg-dw	56 U	59 U	82 U	39 U	38 U	38 UJ	55 U	56 U
Butylbenzylphthalate	µg/kg-dw	56 UJ	59 U	82 U	39 UJ	38 UJ	38 UJ	55 UJ	56 UJ
Carbazole	µg/kg-dw	56 U	59 U	82 U	39 U	48	38 UJ	55 U	56 U
4-Chloro-3-methylphenol	µg/kg-dw	290 U	300 U	420 U	200 U	190 U	190 UJ	290 U	290 U
4-Chloroaniline	µg/kg-dw	56 U	59 U	82 U	39 U	38 U	38 UJ	55 U	56 U
2-Chloronaphthalene	µg/kg-dw	56 U	59 U	82 U	39 U	38 U	38 UJ	55 U	56 U
2-Chlorophenol	µg/kg-dw	56 U	59 U	82 U	39 U	38 U	38 UJ	55 U	56 U
4-Chlorophenyl-phenyl ether	µg/kg-dw	56 U	59 U	82 U	39 U	38 U	38 UJ	55 U	56 U
Chrysene	µg/kg-dw	97	84	210	91	260	220 J	55 U	91
Dibenz(a,h)anthracene	µg/kg-dw	56 U	59 U	82 U	39 U	49	46 J	55 U	56 U
Dibenzofuran	µg/kg-dw	56 U	59 U	82 U	39 U	38 U	38 UJ	55 U	56 U
1,2-Dichlorobenzene	µg/kg-dw	80	59 U	82 U	39 U	38 U	38 UJ	55 U	56 U
1,3-Dichlorobenzene	µg/kg-dw	56 U	130	82 U	39 U	38 U	38 UJ	110	56 U
1,4-Dichlorobenzene	µg/kg-dw	56 U	59 U	82 U	39 U	38 U	38 UJ	55 U	56 U
3,3-Dichlorobenzidine	µg/kg-dw	56 U	59 U	82 U	39 U	38 U	38 UJ	55 U	56 U
2,4-Dichlorophenol	µg/kg-dw	290 U	300 U	420 U	200 U	190 U	190 UJ	290 U	290 U
Diethylphthalate	µg/kg-dw	56 U	59 U	82 U	39 U	38 U	38 UJ	55 U	56 U

Table B1-29. (cont.)

Station:	S437	S437	S437	S438	S438	S438	S438	S438
Date:	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000
Depth (cm):	146 - 192	210 - 233	282 - 297	0 - 49	61 - 149	61 - 149	183 - 207	207 - 265
Duplicate:					D1	D2		
Sample Number:	DM0033	DM0034	DM0035	DM0011	DM0012	DM0042	DM0013	DM0014
Parameter	**Units**							
2,4-Dimethylphenol	µg/kg-dw	290 U	300 U	420 U	200 U	190 U	190 UJ	290 U	290 U
Dimethylphthalate	µg/kg-dw	56 U	59 U	82 U	39 U	38 U	38 UJ	55 U	56 U
Di-n-butylphthalate	µg/kg-dw	56 U	59 U	82 U	39 U	38 U	38 UJ	55 U	56 U
2,4-Dinitrophenol	µg/kg-dw	1,400 U	1,500 U	2,100 U	1,000 U	970 U	970 UJ	1,400 U	1,500 U
2,4-Dinitrotoluene	µg/kg-dw	290 U	300 U	420 U	200 U	190 U	190 UJ	290 U	290 U
2,6-Dinitrotoluene	µg/kg-dw	290 U	300 U	420 U	200 U	190 U	190 UJ	290 U	290 U
Di-n-octylphthalate	µg/kg-dw	56 U	59 U	82 U	39 U	38 U	38 UJ	55 U	56 U
Fluoranthene	µg/kg-dw	180	130	420	180	580	410 J	95	180
Fluorene	µg/kg-dw	56 U	59 U	82 U	39 U	41	38 UJ	55 U	56 U
Hexachlorobenzene	µg/kg-dw	75	360	82 U	39 U	530	620 J	55 U	56 U
Hexachlorobenzene (GC/ECD)	µg/kg-dw					620.6			
Hexachlorobutadiene	µg/kg-dw	56 U	59 U	82 U	39 U	38 U	38 UJ	55 U	56 U
Hexachlorocyclopentadiene	µg/kg-dw	290 U	300 U	420 U	200 U	190 U	190 UJ	290 U	290 U
Hexachloroethane	µg/kg-dw	56 U	59 U	82 U	39 U	38 U	38 UJ	55 U	56 U
Indeno(1,2,3-cd)pyrene	µg/kg-dw	57	59 U	96	54	130	100 J	55 U	56 U
Isophorone	µg/kg-dw	56 U	59 U	82 U	39 U	38 U	38 UJ	55 U	56 U
2-Methyl-4,6-dinitrophenol	µg/kg-dw	1,400 U	1,500 U	2,100 U	1,000 U	970 U	970 UJ	1,400 U	1,500 U
2-Methylnaphthalene	µg/kg-dw	56 U	59 U	82 U	39 U	38 U	38 UJ	55 U	56 U
2-Methylphenol	µg/kg-dw	56 U	59 U	82 U	39 U	38 U	38 UJ	55 U	56 U
4-Methylphenol	µg/kg-dw	56 U	59 U	82 U	39 U	38 U	38 UJ	55 U	56 U
Naphthalene	µg/kg-dw	56 U	59 U	82 U	39 U	38 U	38 UJ	55 U	56 U
2-Nitroaniline	µg/kg-dw	110 U	120 U	170 U	80 U	76 U	77 UJ	110 U	110 U
3-Nitroaniline	µg/kg-dw	1,400 U	1,500 U	2,100 U	1,000 U	970 U	970 UJ	1,400 U	1,500 U
4-Nitroaniline	µg/kg-dw	1,400 U	1,500 U	2,100 U	1,000 U	970 U	970 UJ	1,400 U	1,500 U
Nitrobenzene	µg/kg-dw	56 U	59 U	82 U	39 U	38 U	38 UJ	55 U	56 U
2-Nitrophenol	µg/kg-dw	290 U	300 U	420 U	200 U	190 U	190 UJ	290 U	290 U
4-Nitrophenol	µg/kg-dw	1,400 U	1,500 U	2,100 U	1,000 U	970 U	970 UJ	1,400 U	1,500 U
N-Nitrosodimethylamine	µg/kg-dw	290 U	300 U	420 U	200 U	190 U	190 UJ	290 U	290 U
N-nitroso-di-n-propylamine	µg/kg-dw	56 U	59 U	82 U	39 U	38 U	38 UJ	55 U	56 U

Table B1-29. (cont.)

Station:	S437	S437	S437	S438	S438	S438	S438	S438
Date:	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000
Depth (cm):	146 - 192	210 - 233	282 - 297	0 - 49	61 - 149	61 - 149	183 - 207	207 - 265
Duplicate:					D1	D2		
Sample Number:	DM0033	DM0034	DM0035	DM0011	DM0012	DM0042	DM0013	DM0014
Parameter	Units							
N-Nitrosodiphenylamine	µg/kg-dw	56 U	59 U	82 U	39 U	38 U	38 UJ	55 U	56 U
2,2'-Oxybis(1-chloropropane)	µg/kg-dw	56 UJ	59 U	82 U	39 UJ	38 UJ	38 UJ	55 UJ	56 UJ
Pentachlorophenol	µg/kg-dw	1,400 U	1,500 U	2,100 U	1,000 U	970 U	970 UJ	1,400 U	1,500 U
Phenanthrene	µg/kg-dw	120	71	390	77	430	290 J	55 U	99
Phenol	µg/kg-dw	56 U	59 U	82 U	39 U	38 U	38 UJ	55 U	56 U
Pyrene	µg/kg-dw	150	140	320	130	440	340 J	79	140
1,2,4-Trichlorobenzene	µg/kg-dw	56 U	59 U	82 U	39 U	38 U	38 UJ	55 U	56 U
2,4,5-Trichlorophenol	µg/kg-dw	290 U	300 U	420 U	200 U	190 U	190 UJ	290 U	290 U
2,4,6-Trichlorophenol	µg/kg-dw	290 U	300 U	420 U	200 U	190 U	190 UJ	290 U	290 U

Table B1-29. (cont.)

Station:	S438	S439	S439	S439	S439	S439	S440	S440
Date:	8/16/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000
Depth (cm):	265 - 300	6 - 18	18 - 55	61 - 183	183 - 219	219 - 244	3 - 17	87 - 137
Duplicate:								
Sample Number:	DM0015	DM0021	DM0022	DM0023	DM0024	DM0025	DM0006	DM0007
Parameter	**Units**							
Acenaphthene	µg/kg-dw	79 U	43 U	40 UJ	56 U	48 UJ	85 UJ	40 U	54 U
Acenaphthylene	µg/kg-dw	79 U	43 U	40 UJ	56 U	48 UJ	85 UJ	40 U	54 U
Anthracene	µg/kg-dw	79 U	43 U	40 UJ	56 U	48 UJ	85 UJ	53	54 U
Benz(a)anthracene	µg/kg-dw	170	47	40 UJ	71	170 J	320 J	130	54 U
Benzo(a)pyrene	µg/kg-dw	160	47	40 UJ	87	180 J	370 J	130	60
Benzo(b)fluoranthene	µg/kg-dw	130	43 U	40 UJ	90	140 J	310 J	110	56
Benzo(g,h,i)perylene	µg/kg-dw	98	43 U	40 UJ	56 U	93 J	230 J	67	54 U
Benzo(k)fluoranthene	µg/kg-dw	150	43 U	40 UJ	75	140 J	300 J	110	66
Benzyl alcohol	µg/kg-dw	410 U	220 U	210 UJ	290 U	250 UJ	440 UJ	200 U	280 U
Bis(2-chloroethoxy)methane	µg/kg-dw	79 U	43 U	40 UJ	56 U	48 UJ	85 UJ	40 U	54 U
Bis(2-chloroethyl)ether	µg/kg-dw	79 U	43 U	40 UJ	56 U	48 UJ	85 UJ	40 U	54 U
Bis(2-ethylhexyl)phthalate	µg/kg-dw	150 J	110	53 J	130	54 J	150 J	91	110
4-Bromophenyl-phenyl ether	µg/kg-dw	79 U	43 U	40 UJ	56 U	48 UJ	85 UJ	40 U	54 U
Butylbenzylphthalate	µg/kg-dw	79 UJ	43 U	40 UJ	56 U	48 UJ	85 UJ	40 U	54 U
Carbazole	µg/kg-dw	79 U	43 U	40 UJ	56 U	48 UJ	85 UJ	40 U	54 U
4-Chloro-3-methylphenol	µg/kg-dw	410 U	220 U	210 UJ	290 U	250 UJ	440 UJ	200 U	280 U
4-Chloroaniline	µg/kg-dw	79 U	43 U	40 UJ	56 U	48 UJ	85 UJ	40 U	54 U
2-Chloronaphthalene	µg/kg-dw	79 U	43 U	40 UJ	56 U	48 UJ	85 UJ	40 U	54 U
2-Chlorophenol	µg/kg-dw	79 U	43 U	40 UJ	56 U	48 UJ	85 UJ	40 U	54 U
4-Chlorophenyl-phenyl ether	µg/kg-dw	79 U	43 U	40 UJ	56 U	48 UJ	85 UJ	40 U	54 U
Chrysene	µg/kg-dw	180	49	40 UJ	95	180 J	390 J	140	65
Dibenz(a,h)anthracene	µg/kg-dw	79 U	43 U	40 UJ	56 U	48 UJ	85 UJ	40 U	54 U
Dibenzofuran	µg/kg-dw	79 U	43 U	40 UJ	56 U	48 UJ	85 UJ	40 U	54 U
1,2-Dichlorobenzene	µg/kg-dw	79 U	43 U	40 UJ	56 U	48 UJ	85 UJ	51	54 U
1,3-Dichlorobenzene	µg/kg-dw	79 U	43 U	40 UJ	56 U	48 UJ	85 UJ	40 U	54 U
1,4-Dichlorobenzene	µg/kg-dw	79 U	43 U	40 UJ	56 U	48 UJ	85 UJ	40 U	54 U
3,3-Dichlorobenzidine	µg/kg-dw	79 U	43 U	40 UJ	56 U	48 UJ	85 UJ	40 U	54 U
2,4-Dichlorophenol	µg/kg-dw	410 U	220 U	210 UJ	290 U	250 UJ	440 UJ	200 U	280 U
Diethylphthalate	µg/kg-dw	79 U	43 U	40 UJ	56 U	48 UJ	85 UJ	40 U	54 U

Table B1-29. (cont.)

Station:		S438	S439	S439	S439	S439	S439	S440	S440
Date:		8/16/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000
Depth (cm):		265 - 300	6 - 18	18 - 55	61 - 183	183 - 219	219 - 244	3 - 17	87 - 137
Duplicate:									
Sample Number:		DM0015	DM0021	DM0022	DM0023	DM0024	DM0025	DM0006	DM0007
Parameter	Units								
2,4-Dimethylphenol	µg/kg-dw	410 U	220 U	210 UJ	290 U	250 UJ	440 UJ	200 U	280 U
Dimethylphthalate	µg/kg-dw	79 U	43 U	40 UJ	56 U	48 UJ	85 UJ	40 U	54 U
Di-n-butylphthalate	µg/kg-dw	79 U	43 U	40 UJ	68	54 J	110 J	40 U	54 U
2,4-Dinitrophenol	µg/kg-dw	2,000 U	1,100 U	1,000 UJ	1,400 U	1,200 UJ	2,200 UJ	1,000 U	1,400 U
2,4-Dinitrotoluene	µg/kg-dw	410 U	220 U	210 UJ	290 U	250 UJ	440 UJ	200 U	280 U
2,6-Dinitrotoluene	µg/kg-dw	410 U	220 U	210 UJ	290 U	250 UJ	440 UJ	200 U	280 U
Di-n-octylphthalate	µg/kg-dw	79 U	43 U	40 UJ	56 U	48 UJ	85 UJ	40 U	54 U
Fluoranthene	µg/kg-dw	400	69	40 UJ	160	270 J	560 J	290	110
Fluorene	µg/kg-dw	79 U	43 U	40 UJ	56 U	48 UJ	85 UJ	40 U	54 U
Hexachlorobenzene	µg/kg-dw	79 U	43 U	40 UJ	360	48 UJ	85 UJ	410	490
Hexachlorobenzene (GC/ECD)	µg/kg-dw								
Hexachlorobutadiene	µg/kg-dw	79 U	43 U	40 UJ	56 U	48 UJ	85 UJ	40 U	54 U
Hexachlorocyclopentadiene	µg/kg-dw	410 U	220 UJ	210 UJ	290 UJ	250 UJ	440 UJ	200 U	280 U
Hexachloroethane	µg/kg-dw	79 U	43 U	40 UJ	56 U	48 UJ	85 UJ	40 U	54 U
Indeno(1,2,3-cd)pyrene	µg/kg-dw	100	43 U	40 UJ	56 U	91 J	200 J	71	54 U
Isophorone	µg/kg-dw	79 U	43 U	40 UJ	56 U	48 UJ	85 UJ	40 U	54 U
2-Methyl-4,6-dinitrophenol	µg/kg-dw	2,000 U	1,100 U	1,000 UJ	1,400 U	1,200 UJ	2,200 UJ	1,000 U	1,400 U
2-Methylnaphthalene	µg/kg-dw	79 U	43 U	40 UJ	56 U	48 UJ	85 UJ	40 U	54 U
2-Methylphenol	µg/kg-dw	79 U	43 U	40 UJ	56 U	48 UJ	85 UJ	40 U	54 U
4-Methylphenol	µg/kg-dw	79 U	43 U	40 UJ	56 U	48 UJ	85 UJ	40 U	54 U
Naphthalene	µg/kg-dw	79 U	43 U	40 UJ	56 U	48 UJ	85 UJ	40 U	54 U
2-Nitroaniline	µg/kg-dw	160 U	88 U	82 UJ	110 U	97 UJ	170 UJ	80 U	110 U
3-Nitroaniline	µg/kg-dw	2,000 U	1,100 U	1,000 UJ	1,400 U	1,200 UJ	2,200 UJ	1,000 U	1,400 U
4-Nitroaniline	µg/kg-dw	2,000 U	1,100 U	1,000 UJ	1,400 U	1,200 UJ	2,200 UJ	1,000 U	1,400 U
Nitrobenzene	µg/kg-dw	79 U	43 U	40 UJ	56 U	48 UJ	85 UJ	40 U	54 U
2-Nitrophenol	µg/kg-dw	410 U	220 U	210 UJ	290 U	250 UJ	440 UJ	200 U	280 U
4-Nitrophenol	µg/kg-dw	2,000 U	1100 U	1,000 UJ	1,400 U	1,200 UJ	2,200 UJ	1,000 U	1,400 U
N-Nitrosodimethylamine	µg/kg-dw	410 U	220 U	210 UJ	290 U	250 UJ	440 UJ	200 U	280 U
N-nitroso-di-n-propylamine	µg/kg-dw	79 U	43 U	40 UJ	56 U	48 UJ	85 UJ	40 U	54 U

Table B1-29. (cont.)

	Station:	S438	S439	S439	S439	S439	S439	S440	S440
	Date:	8/16/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000
	Depth (cm):	265 - 300	6 - 18	18 - 55	61 - 183	183 - 219	219 - 244	3 - 17	87 - 137
	Duplicate:								
	Sample Number:	DM0015	DM0021	DM0022	DM0023	DM0024	DM0025	DM0006	DM0007
Parameter	**Units**								
N-Nitrosodiphenylamine	µg/kg-dw	79 U	43 U	40 UJ	56 U	48 UJ	85 UJ	40 U	54 U
2,2'-Oxybis(1-chloropropane)	µg/kg-dw	79 UJ	43 U	40 UJ	56 U	48 UJ	85 UJ	40 U	54 U
Pentachlorophenol	µg/kg-dw	2,000 U	1,100 U	1,000 UJ	1,400 U	1,200 UJ	2,200 UJ	1,000 U	1,400 U
Phenanthrene	µg/kg-dw	230	43 U	40 UJ	99	130 J	290 J	220	59
Phenol	µg/kg-dw	79 U	43 U	40 UJ	56 U	48 UJ	85 UJ	40 U	54 U
Pyrene	µg/kg-dw	280	69	40 UJ	150	260 J	570 J	220	100
1,2,4-Trichlorobenzene	µg/kg-dw	79 U	43 U	40 UJ	56 U	48 UJ	85 UJ	40 U	54 U
2,4,5-Trichlorophenol	µg/kg-dw	410 U	220 U	210 UJ	290 U	250 UJ	440 UJ	200 U	280 U
2,4,6-Trichlorophenol	µg/kg-dw	410 U	220 U	210 UJ	290 U	250 UJ	440 UJ	200 U	280 U

Table B1-29. (cont.)

Station:	S440	S440	S440	S441	S441	S441	S441	S441
Date:	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000
Depth (cm):	137 - 192	192 - 235	262 - 293	6 - 49	61 - 131	131 - 195	195 - 259	268 - 290
Duplicate:								
Sample Number:	DM0008	DM0009	DM0010	DM0026	DM0027	DM0028	DM0029	DM0044
Parameter	Units							
Acenaphthene	µg/kg-dw	78	58 UJ	50 UJ	42 UJ	46 UJ	52 UJ	57 UJ	39 UJ
Acenaphthylene	µg/kg-dw	51 U	58 UJ	50 UJ	42 UJ	46 UJ	52 UJ	57 UJ	39 UJ
Anthracene	µg/kg-dw	210	58 UJ	50 UJ	42 UJ	46 UJ	52 UJ	57 UJ	39 UJ
Benz(a)anthracene	µg/kg-dw	1900	58 UJ	50 UJ	50 J	46 UJ	52 UJ	57 UJ	120 J
Benzo(a)pyrene	µg/kg-dw	2100	58 UJ	50 UJ	44 J	46 UJ	52 UJ	59 J	140 J
Benzo(b)fluoranthene	µg/kg-dw	1900	58 UJ	50 UJ	42 UJ	46 UJ	53 J	67 J	150 J
Benzo(g,h,i)perylene	µg/kg-dw	1200	58 UJ	50 UJ	42 UJ	46 UJ	52 UJ	57 UJ	110 J
Benzo(k)fluoranthene	µg/kg-dw	2000	58 UJ	50 UJ	42 UJ	46 UJ	56 J	57 UJ	140 J
Benzyl alcohol	µg/kg-dw	260 U	300 UJ	260 UJ	220 UJ	230 UJ	270 UJ	290 UJ	200 UJ
Bis(2-chloroethoxy)methane	µg/kg-dw	51 U	58 UJ	50 UJ	42 UJ	46 UJ	52 UJ	57 UJ	39 UJ
Bis(2-chloroethyl)ether	µg/kg-dw	51 U	58 UJ	50 UJ	42 UJ	46 UJ	52 UJ	57 UJ	39 UJ
Bis(2-ethylhexyl)phthalate	µg/kg-dw	64	100 J	50 UJ	310 J	310 J	130 J	330 J	61 J
4-Bromophenyl-phenyl ether	µg/kg-dw	51 U	58 UJ	50 UJ	42 UJ	46 UJ	52 UJ	57 UJ	39 UJ
Butylbenzylphthalate	µg/kg-dw	51 U	58 UJ	50 UJ	42 UJ	46 UJ	52 UJ	57 UJ	39 UJ
Carbazole	µg/kg-dw	220	58 UJ	50 UJ	42 UJ	46 UJ	52 UJ	57 UJ	39 UJ
4-Chloro-3-methylphenol	µg/kg-dw	260 U	300 UJ	260 UJ	220 UJ	230 UJ	270 UJ	290 UJ	200 UJ
4-Chloroaniline	µg/kg-dw	51 U	58 UJ	50 UJ	42 UJ	46 UJ	52 UJ	57 UJ	39 UJ
2-Chloronaphthalene	µg/kg-dw	51 U	58 UJ	50 UJ	42 UJ	46 UJ	52 UJ	57 UJ	39 UJ
2-Chlorophenol	µg/kg-dw	51 U	58 UJ	50 UJ	42 UJ	46 UJ	52 UJ	57 UJ	39 UJ
4-Chlorophenyl-phenyl ether	µg/kg-dw	51 U	58 UJ	50 UJ	42 UJ	46 UJ	52 UJ	57 UJ	39 UJ
Chrysene	µg/kg-dw	2300	58 UJ	50 UJ	52 J	46 UJ	56 J	74 J	170 J
Dibenz(a,h)anthracene	µg/kg-dw	470	58 UJ	50 UJ	42 UJ	46 UJ	52 UJ	57 UJ	39 UJ
Dibenzofuran	µg/kg-dw	51 U	58 UJ	50 UJ	42 UJ	46 UJ	52 UJ	57 UJ	39 UJ
1,2-Dichlorobenzene	µg/kg-dw	51 U	97 J	50 UJ	42 UJ	46 UJ	52 UJ	65 J	39 UJ
1,3-Dichlorobenzene	µg/kg-dw	51 U	110 J	50 UJ	42 UJ	46 UJ	52 UJ	79 J	39 UJ
1,4-Dichlorobenzene	µg/kg-dw	51 U	58 UJ	50 UJ	42 UJ	46 UJ	52 UJ	57 UJ	39 UJ
3,3-Dichlorobenzidine	µg/kg-dw	51 U	58 UJ	50 UJ	42 UJ	46 UJ	52 UJ	57 UJ	39 UJ
2,4-Dichlorophenol	µg/kg-dw	260 U	300 UJ	260 UJ	220 UJ	230 UJ	270 UJ	290 UJ	200 UJ
Diethylphthalate	µg/kg-dw	51 U	58 UJ	50 UJ	42 UJ	46 UJ	52 UJ	57 UJ	39 UJ

Table B1-29. (cont.)

	Station:	S440	S440	S440	S441	S441	S441	S441	S441
	Date:	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000
	Depth (cm):	137 - 192	192 - 235	262 - 293	6 - 49	61 - 131	131 - 195	195 - 259	268 - 290
	Duplicate:								
	Sample Number:	DM0008	DM0009	DM0010	DM0026	DM0027	DM0028	DM0029	DM0044
Parameter	**Units**								
2,4-Dimethylphenol	µg/kg-dw	260 U	300 UJ	260 UJ	220 UJ	230 UJ	270 UJ	290 UJ	200 UJ
Dimethylphthalate	µg/kg-dw	51 U	58 UJ	50 UJ	42 UJ	46 UJ	52 UJ	57 UJ	39 UJ
Di-n-butylphthalate	µg/kg-dw	51 U	58 UJ	50 UJ	42 UJ	64 J	52 UJ	61 J	39 UJ
2,4-Dinitrophenol	µg/kg-dw	1,300 U	1,500 UJ	1,300 UJ	1,100 UJ	1,200 UJ	1,300 UJ	1,500 UJ	1,000 UJ
2,4-Dinitrotoluene	µg/kg-dw	260 U	300 UJ	260 UJ	220 UJ	230 UJ	270 UJ	290 UJ	200 UJ
2,6-Dinitrotoluene	µg/kg-dw	260 U	300 UJ	260 UJ	220 UJ	230 UJ	270 UJ	290 UJ	200 UJ
Di-n-octylphthalate	µg/kg-dw	51 U	58 UJ	50 UJ	42 UJ	46 UJ	52 UJ	57 UJ	39 UJ
Fluoranthene	µg/kg-dw	2900	120 J	57 J	100 J	46 UJ	90 J	110 J	230 J
Fluorene	µg/kg-dw	64	58 UJ	50 UJ	42 UJ	46 UJ	52 UJ	57 UJ	39 UJ
Hexachlorobenzene	µg/kg-dw	51 U	58 UJ	50 UJ	42 UJ	46 UJ	200 J	140 J	39 UJ
Hexachlorobenzene (GC/ECD)	µg/kg-dw								
Hexachlorobutadiene	µg/kg-dw	51 U	58 UJ	50 UJ	42 UJ	46 UJ	52 UJ	57 UJ	39 UJ
Hexachlorocyclopentadiene	µg/kg-dw	260 U	300 UJ	260 UJ	220 UJ	230 UJ	270 UJ	290 UJ	200 UJ
Hexachloroethane	µg/kg-dw	51 U	58 UJ	50 UJ	42 UJ	46 UJ	52 UJ	57 UJ	39 UJ
Indeno(1,2,3-cd)pyrene	µg/kg-dw	1,100	58 UJ	50 UJ	42 UJ	46 UJ	52 UJ	57 UJ	100 J
Isophorone	µg/kg-dw	51 U	58 UJ	50 UJ	42 UJ	46 UJ	52 UJ	57 UJ	39 UJ
2-Methyl-4,6-dinitrophenol	µg/kg-dw	1,300 U	1,500 UJ	1,300 UJ	1,100 UJ	1,200 UJ	1,300 UJ	1,500 UJ	1,000 UJ
2-Methylnaphthalene	µg/kg-dw	51 U	58 UJ	50 UJ	42 UJ	46 UJ	52 UJ	57 UJ	39 UJ
2-Methylphenol	µg/kg-dw	51 U	58 UJ	50 UJ	42 UJ	46 UJ	52 UJ	57 UJ	39 UJ
4-Methylphenol	µg/kg-dw	51 U	58 UJ	50 UJ	42 UJ	46 UJ	52 UJ	57 UJ	39 UJ
Naphthalene	µg/kg-dw	85	58 UJ	50 UJ	42 UJ	46 UJ	52 UJ	57 UJ	39 UJ
2-Nitroaniline	µg/kg-dw	100 U	120 UJ	100 UJ	86 UJ	93 UJ	110 UJ	120 UJ	79 UJ
3-Nitroaniline	µg/kg-dw	1,300 U	1,500 UJ	1,300 UJ	1,100 UJ	1,200 UJ	1,300 UJ	1,500 UJ	1,000 UJ
4-Nitroaniline	µg/kg-dw	1,300 U	1,500 UJ	1,300 UJ	1,100 UJ	1,200 UJ	1,300 UJ	1,500 UJ	1,000 UJ
Nitrobenzene	µg/kg-dw	51 U	58 UJ	50 UJ	42 UJ	46 UJ	52 UJ	57 UJ	39 UJ
2-Nitrophenol	µg/kg-dw	260 U	300 UJ	260 UJ	220 UJ	230 UJ	270 UJ	290 UJ	200 UJ
4-Nitrophenol	µg/kg-dw	1,300 U	1,500 UJ	1,300 UJ	1,100 UJ	1,200 UJ	1,300 UJ	1,500 UJ	1,000 UJ
N-Nitrosodimethylamine	µg/kg-dw	260 U	300 UJ	260 UJ	220 UJ	230 UJ	270 UJ	290 UJ	200 UJ
N-nitroso-di-n-propylamine	µg/kg-dw	51 U	58 UJ	50 UJ	42 UJ	46 UJ	52 UJ	57 UJ	39 UJ

Table B1-29. (cont.)

	Station:	S440	S440	S440	S441	S441	S441	S441	S441
	Date:	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000
	Depth (cm):	137 - 192	192 - 235	262 - 293	6 - 49	61 - 131	131 - 195	195 - 259	268 - 290
	Duplicate:								
	Sample Number:	DM0008	DM0009	DM0010	DM0026	DM0027	DM0028	DM0029	DM0044
Parameter	Units								
N-Nitrosodiphenylamine	µg/kg-dw	51 U	58 UJ	50 UJ	42 UJ	46 UJ	52 UJ	57 UJ	39 UJ
2,2'-Oxybis(1-chloropropane)	µg/kg-dw	51 U	58 UJ	50 UJ	42 UJ	46 UJ	52 UJ	57 UJ	39 UJ
Pentachlorophenol	µg/kg-dw	1,300 U	1,500 UJ	1,300 UJ	1,100 UJ	1,200 UJ	1,300 UJ	1,500 UJ	1,000 UJ
Phenanthrene	µg/kg-dw	970	63 J	50 UJ	70 J	46 UJ	52 UJ	57 UJ	110 J
Phenol	µg/kg-dw	51 U	58 UJ	50 UJ	42 UJ	46 UJ	52 UJ	57 UJ	39 UJ
Pyrene	µg/kg-dw	2,500	88 J	50 UJ	95 J	46 UJ	94 J	140 J	200 J
1,2,4-Trichlorobenzene	µg/kg-dw	51 U	58 UJ	50 UJ	42 UJ	46 UJ	52 UJ	57 UJ	39 UJ
2,4,5-Trichlorophenol	µg/kg-dw	260 U	300 UJ	260 UJ	220 UJ	230 UJ	270 UJ	290 UJ	200 UJ
2,4,6-Trichlorophenol	µg/kg-dw	260 U	300 UJ	260 UJ	220 UJ	230 UJ	270 UJ	290 UJ	200 UJ

Table B1-29. (cont.)

Station:	S441	S442	S442	S442	S442	S442	S442	S443
Date:	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000
Depth (cm):	290 - 357	0 - 61	61 - 122	122 - 183	183 - 232	183 - 232	241 - 305	0 - 61
Duplicate:					D1	D2		
Sample Number:	DM0030	DM0016	DM0017	DM0018	DM0019	DM0041	DM0020	DM0036
Parameter	**Units**							
Acenaphthene	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	690 J	49 U	38 UJ
Acenaphthylene	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	410 UJ	49 U	38 UJ
Anthracene	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	2,100 J	49 U	38 UJ
Benz(a)anthracene	µg/kg-dw	50 UJ	40 U	43 U	70 J	40 U	8,600 J	49 U	38 UJ
Benzo(a)pyrene	µg/kg-dw	50 UJ	40 U	43 U	78 J	40 U	8,400 J	49 U	38 UJ
Benzo(b)fluoranthene	µg/kg-dw	50 UJ	40 U	43 U	72 J	40 U	6,300 J	49 U	38 UJ
Benzo(g,h,i)perylene	µg/kg-dw	50 UJ	40 U	43 U	51 J	40 U	4,200 J	49 U	38 UJ
Benzo(k)fluoranthene	µg/kg-dw	50 UJ	40 U	43 U	67 J	40 U	6,100 J	49 U	38 UJ
Benzyl alcohol	µg/kg-dw	260 UJ	210 U	220 U	200 UJ	210 U	2,100 UJ	250 U	190 UJ
Bis(2-chloroethoxy)methane	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	410 UJ	49 U	38 UJ
Bis(2-chloroethyl)ether	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	410 UJ	49 U	38 UJ
Bis(2-ethylhexyl)phthalate	µg/kg-dw	120 J	69	100	97 J	41	410 UJ	60	55 J
4-Bromophenyl-phenyl ether	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	410 UJ	49 U	38 UJ
Butylbenzylphthalate	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	410 UJ	49 U	38 UJ
Carbazole	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	1,700 J	49 U	38 UJ
4-Chloro-3-methylphenol	µg/kg-dw	260 UJ	210 U	220 U	200 UJ	210 U	2,100 UJ	250 U	190 UJ
4-Chloroaniline	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	410 UJ	49 U	38 UJ
2-Chloronaphthalene	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	410 UJ	49 U	38 UJ
2-Chlorophenol	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	410 UJ	49 U	38 UJ
4-Chlorophenyl-phenyl ether	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	410 UJ	49 U	38 UJ
Chrysene	µg/kg-dw	50 UJ	47	43 U	87 J	40 U	10,000 J	49 U	38 UJ
Dibenz(a,h)anthracene	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	1,500 J	49 U	38 UJ
Dibenzofuran	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	410 UJ	49 U	38 UJ
1,2-Dichlorobenzene	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	410 UJ	49 U	38 UJ
1,3-Dichlorobenzene	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	410 UJ	49 U	38 UJ
1,4-Dichlorobenzene	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	410 UJ	49 U	38 UJ
3,3-Dichlorobenzidine	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	410 UJ	49 U	38 UJ
2,4-Dichlorophenol	µg/kg-dw	260 UJ	210 U	220 U	200 UJ	210 U	2,100 UJ	250 U	190 UJ
Diethylphthalate	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	410 UJ	49 U	38 UJ

Table B1-29. (cont.)

Station:	S441	S442	S442	S442	S442	S442	S442	S443
Date:	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000
Depth (cm):	290 - 357	0 - 61	61 - 122	122 - 183	183 - 232	183 - 232	241 - 305	0 - 61
Duplicate:					D1	D2		
Sample Number:	DM0030	DM0016	DM0017	DM0018	DM0019	DM0041	DM0020	DM0036
Parameter	**Units**							
2,4-Dimethylphenol	µg/kg-dw	260 UJ	210 U	220 U	200 UJ	210 U	2,100 UJ	250 U	190 UJ
Dimethylphthalate	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	410 UJ	49 U	38 UJ
Di-n-butylphthalate	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	410 UJ	49 U	38 UJ
2,4-Dinitrophenol	µg/kg-dw	1,300 UJ	1,000 U	1,100 U	1,000 UJ	1,000 U	11,000 UJ	1,300 U	970 UJ
2,4-Dinitrotoluene	µg/kg-dw	260 UJ	210 U	220 U	200 UJ	210 U	2,100 UJ	250 U	190 UJ
2,6-Dinitrotoluene	µg/kg-dw	260 UJ	210 U	220 U	200 UJ	210 U	2,100 UJ	250 U	190 UJ
Di-n-octylphthalate	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	410 UJ	49 U	38 UJ
Fluoranthene	µg/kg-dw	50 UJ	76	43 U	110 J	40 U	17,000 J	49 U	38 J
Fluorene	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	710 J	49 U	38 UJ
Hexachlorobenzene	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	410 UJ	49 U	38 UJ
Hexachlorobenzene (GC/ECD)	µg/kg-dw								
Hexachlorobutadiene	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	410 UJ	49 U	38 UJ
Hexachlorocyclopentadiene	µg/kg-dw	260 UJ	210 U	220 U	200 UJ	210 U	2,100 UJ	250 U	190 UJ
Hexachloroethane	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	410 UJ	49 U	38 UJ
Indeno(1,2,3-cd)pyrene	µg/kg-dw	50 UJ	40 U	43 U	47 J	40 U	3,600 J	49 U	38 UJ
Isophorone	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	410 UJ	49 U	38 UJ
2-Methyl-4,6-dinitrophenol	µg/kg-dw	1,300 UJ	1,000 U	1,100 U	1,000 UJ	1,000 U	11,000 UJ	1,300 U	970 UJ
2-Methylnaphthalene	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	410 UJ	49 U	38 UJ
2-Methylphenol	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	410 UJ	49 U	38 UJ
4-Methylphenol	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	410 UJ	49 U	38 UJ
Naphthalene	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	410 UJ	49 U	38 UJ
2-Nitroaniline	µg/kg-dw	100 UJ	82 U	87 U	80 UJ	82 U	830 UJ	100 U	77 UJ
3-Nitroaniline	µg/kg-dw	1,300 UJ	1,000 U	1,100 U	1,000 UJ	1,000 U	11,000 UJ	1,300 U	970 UJ
4-Nitroaniline	µg/kg-dw	1,300 UJ	1,,000 U	1,100 U	1,000 UJ	1,000 U	11,000 UJ	,1300 U	970 UJ
Nitrobenzene	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	410 UJ	49 U	38 UJ
2-Nitrophenol	µg/kg-dw	260 UJ	210 U	220 U	200 UJ	210 U	2,100 UJ	250 U	190 UJ
4-Nitrophenol	µg/kg-dw	1,300 UJ	1,000 U	1,100 U	1,000 UJ	1,000 U	11,000 UJ	1,300 U	970 UJ
N-Nitrosodimethylamine	µg/kg-dw	260 UJ	210 U	220 U	200 UJ	210 U	2100 UJ	250 U	190 UJ
N-nitroso-di-n-propylamine	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	410 UJ	49 U	38 UJ

Table B1-29. (cont.)

	Station:	S441	S442	S442	S442	S442	S442	S442	S443
	Date:	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000
	Depth (cm):	290 - 357	0 - 61	61 - 122	122 - 183	183 - 232	183 - 232	241 - 305	0 - 61
	Duplicate:					D1	D2		
	Sample Number:	DM0030	DM0016	DM0017	DM0018	DM0019	DM0041	DM0020	DM0036
Parameter	**Units**								
N-Nitrosodiphenylamine	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	410 UJ	49 U	38 UJ
2,2'-Oxybis(1-chloropropane)	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	410 UJ	49 U	38 UJ
Pentachlorophenol	µg/kg-dw	1,300 UJ	1,000 U	1,100 U	1,000 UJ	1,000 U	11,000 UJ	1,300 U	970 UJ
Phenanthrene	µg/kg-dw	50 UJ	40 U	43 U	50 J	40 U	14,000 J	49 U	38 UJ
Phenol	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	410 UJ	49 U	38 UJ
Pyrene	µg/kg-dw	50 UJ	63	43 U	100 J	40 U	17,000 J	49 U	38 UJ
1,2,4-Trichlorobenzene	µg/kg-dw	50 UJ	40 U	43 U	39 UJ	40 U	410 UJ	49 U	38 UJ
2,4,5-Trichlorophenol	µg/kg-dw	260 UJ	210 U	220 U	200 UJ	210 U	2,100 UJ	250 U	190 UJ
2,4,6-Trichlorophenol	µg/kg-dw	260 UJ	210 U	220 U	200 UJ	210 U	2,100 UJ	250 U	190 UJ

Table B1-29. (cont.)

	Station:	S443	S443	S443
	Date:	8/17/2000	8/17/2000	8/17/2000
	Depth (cm):	61 - 122	122 - 174	183 - 204
	Duplicate:			
	Sample Number:	DM0037	DM0038	DM0040
Parameter	Units			
Acenaphthene	µg/kg-dw	36 UJ	38 UJ	1,200 J
Acenaphthylene	µg/kg-dw	36 UJ	110 J	500 UJ
Anthracene	µg/kg-dw	36 UJ	140 J	1,900 J
Benz(a)anthracene	µg/kg-dw	36 UJ	430 J	22,000 J
Benzo(a)pyrene	µg/kg-dw	36 UJ	530 J	23,000 J
Benzo(b)fluoranthene	µg/kg-dw	36 UJ	430 J	20,000 J
Benzo(g,h,i)perylene	µg/kg-dw	36 UJ	360 J	11,000 J
Benzo(k)fluoranthene	µg/kg-dw	36 UJ	470 J	20,000 J
Benzyl alcohol	µg/kg-dw	190 UJ	200 UJ	2,600 UJ
Bis(2-chloroethoxy)methane	µg/kg-dw	36 UJ	38 UJ	500 UJ
Bis(2-chloroethyl)ether	µg/kg-dw	36 UJ	38 UJ	500 UJ
Bis(2-ethylhexyl)phthalate	µg/kg-dw	200 J	130 J	500 UJ
4-Bromophenyl-phenyl ether	µg/kg-dw	36 UJ	38 UJ	500 UJ
Butylbenzylphthalate	µg/kg-dw	36 UJ	38 UJ	500 UJ
Carbazole	µg/kg-dw	36 UJ	50 J	2,700 J
4-Chloro-3-methylphenol	µg/kg-dw	190 UJ	200 UJ	2,600 UJ
4-Chloroaniline	µg/kg-dw	36 UJ	38 UJ	500 UJ
2-Chloronaphthalene	µg/kg-dw	36 UJ	38 UJ	500 UJ
2-Chlorophenol	µg/kg-dw	36 UJ	38 UJ	500 UJ
4-Chlorophenyl-phenyl ether	µg/kg-dw	36 UJ	38 UJ	500 UJ
Chrysene	µg/kg-dw	36 UJ	460 J	25,000 J
Dibenz(a,h)anthracene	µg/kg-dw	36 UJ	140 J	5,200 J
Dibenzofuran	µg/kg-dw	36 UJ	38 UJ	500 UJ
1,2-Dichlorobenzene	µg/kg-dw	36 UJ	38 UJ	500 UJ
1,3-Dichlorobenzene	µg/kg-dw	36 UJ	38 UJ	500 UJ
1,4-Dichlorobenzene	µg/kg-dw	36 UJ	38 UJ	500 UJ
3,3-Dichlorobenzidine	µg/kg-dw	36 UJ	38 UJ	500 UJ
2,4-Dichlorophenol	µg/kg-dw	190 UJ	200 UJ	2,600 UJ
Diethylphthalate	µg/kg-dw	36 UJ	38 UJ	500 UJ

Table B1-29. (cont.)

	Station:	S443	S443	S443
	Date:	8/17/2000	8/17/2000	8/17/2000
	Depth (cm):	61 - 122	122 - 174	183 - 204
	Duplicate:			
	Sample Number:	DM0037	DM0038	DM0040
Parameter	**Units**			
2,4-Dimethylphenol	µg/kg-dw	190 UJ	200 UJ	2,600 UJ
Dimethylphthalate	µg/kg-dw	36 UJ	38 UJ	500 UJ
Di-n-butylphthalate	µg/kg-dw	36 UJ	38 UJ	500 UJ
2,4-Dinitrophenol	µg/kg-dw	930 UJ	990 UJ	13,000 UJ
2,4-Dinitrotoluene	µg/kg-dw	190 UJ	200 UJ	2,600 UJ
2,6-Dinitrotoluene	µg/kg-dw	190 UJ	200 UJ	2,600 UJ
Di-n-octylphthalate	µg/kg-dw	36 UJ	38 UJ	500 UJ
Fluoranthene	µg/kg-dw	38 J	820 J	32,000 J
Fluorene	µg/kg-dw	36 UJ	45 J	800 J
Hexachlorobenzene	µg/kg-dw	36 UJ	38 UJ	500 UJ
Hexachlorobenzene (GC/ECD)	µg/kg-dw			
Hexachlorobutadiene	µg/kg-dw	36 UJ	38 UJ	500 UJ
Hexachlorocyclopentadiene	µg/kg-dw	190 UJ	200 UJ	2,600 UJ
Hexachloroethane	µg/kg-dw	36 UJ	38 UJ	500 UJ
Indeno(1,2,3-cd)pyrene	µg/kg-dw	36 UJ	350 J	11,000 J
Isophorone	µg/kg-dw	36 UJ	38 UJ	500 UJ
2-Methyl-4,6-dinitrophenol	µg/kg-dw	930 UJ	990 UJ	13,000 UJ
2-Methylnaphthalene	µg/kg-dw	36 UJ	38 UJ	500 UJ
2-Methylphenol	µg/kg-dw	36 UJ	38 UJ	500 UJ
4-Methylphenol	µg/kg-dw	36 UJ	38 UJ	500 UJ
Naphthalene	µg/kg-dw	36 UJ	38 UJ	640 J
2-Nitroaniline	µg/kg-dw	73 UJ	78 UJ	1,000 UJ
3-Nitroaniline	µg/kg-dw	930 UJ	990 UJ	13,000 UJ
4-Nitroaniline	µg/kg-dw	930 UJ	990 UJ	13,000 UJ
Nitrobenzene	µg/kg-dw	36 UJ	38 UJ	500 UJ
2-Nitrophenol	µg/kg-dw	190 UJ	200 UJ	2,600 UJ
4-Nitrophenol	µg/kg-dw	930 UJ	990 UJ	13,000 UJ
N-Nitrosodimethylamine	µg/kg-dw	190 UJ	200 UJ	2600 UJ
N-nitroso-di-n-propylamine	µg/kg-dw	36 UJ	38 UJ	500 UJ

Table B1-29. (cont.)

	Station:	S443	S443	S443
	Date:	8/17/2000	8/17/2000	8/17/2000
	Depth (cm):	61 - 122	122 - 174	183 - 204
	Duplicate:			
	Sample Number:	DM0037	DM0038	DM0040
Parameter	Units			
N-Nitrosodiphenylamine	µg/kg-dw	36 UJ	38 UJ	500 UJ
2,2'-Oxybis(1-chloropropane)	µg/kg-dw	36 UJ	38 UJ	500 UJ
Pentachlorophenol	µg/kg-dw	930 UJ	990 UJ	13,000 UJ
Phenanthrene	µg/kg-dw	36 UJ	440 J	9,500 J
Phenol	µg/kg-dw	36 UJ	38 UJ	500 UJ
Pyrene	µg/kg-dw	36 UJ	700 J	25,000 J
1,2,4-Trichlorobenzene	µg/kg-dw	36 UJ	38 UJ	500 UJ
2,4,5-Trichlorophenol	µg/kg-dw	190 UJ	200 UJ	2,600 UJ
2,4,6-Trichlorophenol	µg/kg-dw	190 UJ	200 UJ	2,600 UJ

Table B1-30. TCL Pesticides in Dredged Material

		Station:	S438
		Date:	8/16/2000
		Depth (cm):	61 - 149
		Duplicate:	D1
		Sample Number:	DM0012
Parameter	**Units**		
Aldrin	µg/kg-dw	1.18	J
alpha-BHC	µg/kg-dw	1.08	UR
beta-BHC	µg/kg-dw	3.19	J
delta-BHC	µg/kg-dw	1.08	UR
gamma-BHC (Lindane)	µg/kg-dw	1.08	UR
alpha-Chlordane	µg/kg-dw	1.08	UJ
gamma-Chlordane	µg/kg-dw	2.96	J
4,4'-DDD	µg/kg-dw	1.08	UR
4,4'-DDE	µg/kg-dw	2.26	R
4,4'-DDT	µg/kg-dw	1.49	J
Dieldrin	µg/kg-dw	3.8	J
Endosulfan I	µg/kg-dw	1.08	UJ
Endosulfan II	µg/kg-dw	1.08	UR
Endosulfan sulfate	µg/kg-dw	1.08	UR
Endrin	µg/kg-dw	4.23	R
Endrin aldehyde	µg/kg-dw	2.81	J
Endrin ketone	µg/kg-dw	1.08	UR
Heptachlor	µg/kg-dw	1.08	UJ
Heptachlor epoxide	µg/kg-dw	3.84	J
Methoxychlor	µg/kg-dw	1.08	UR
Toxaphene	µg/kg-dw	108	UJ

Table B1-31. PCBs in Dredged Material

Station:		S436	S436	S436	S436	S436	S436	S437	S437	S437
Date:		8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000
Depth (cm):		0 - 40	40 - 104	104 - 183	104 - 183	244 - 280	280 - 314	0 - 107	107 - 146	146 - 192
Duplicate:				D1	D2					
Sample Number:		DM0001	DM0002	DM0003	DM0043	DM0004	DM0005	DM0031	DM0032	DM0033
Parameter	**Units**									
Aroclor 1016	µg/kg-dw	53.6 U	53.9 U	51.9 U	53.6 U	53.1 U	54.1 U	54.1 U	54.2 U	54.6 U
Aroclor 1221	µg/kg-dw	53.6 U	53.9 U	51.9 U	53.6 U	53.1 U	54.1 U	54.1 U	54.2 U	54.6 U
Aroclor 1232	µg/kg-dw	53.6 U	53.9 U	51.9 U	53.6 U	53.1 U	54.1 U	54.1 U	54.2 U	54.6 U
Aroclor 1242	µg/kg-dw	53.6 U	25.2 J	28.3 J	48.5 J	58.3 J	35.7 J	54.1 U	46.8 J	43.7 J
Aroclor 1248	µg/kg-dw	53.6 U	53.9 U	51.9 U	53.6 U	53.1 U	54.1 U	54.1 U	54.2 U	54.6 U
Aroclor 1254	µg/kg-dw	53.6 U	70.6 J	33.8 J	63.9 J	77.2 J	30.6 J	54.1 U	86.6 J	84.9 J
Aroclor 1260	µg/kg-dw	14 J	53.9 U	51.9 U	53.6 U	53.1 U	54.1 U	54.1 U	54.2 U	54.6 U
Aroclor 1268	µg/kg-dw	53.6 U	108 J	204 J	438 J	216 J	53.7 J	54.1 U	154 J	376 J

Table B1-31. (cont.)

Station:	S437	S437	S438	S438	S438	S438	S438	S438	S439	S439
Date:	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/17/2000	8/17/2000
Depth (cm):	210 - 233	282 - 297	0 - 49	61 - 149	61 - 149	183 - 207	207 - 265	265 - 300	6 - 18	18 - 55
Duplicate:				D1	D2					
Sample Number:	DM0034	DM0035	DM0011	DM0012	DM0042	DM0013	DM0014	DM0015	DM0021	DM0022
Parameter	**Units**									
Aroclor 1016	µg/kg-dw	54 U	54.5 U	53.2 U	53.9 U	106 U	54.4 U	53.4 U	54 U	53.3 U	53.6 U
Aroclor 1221	µg/kg-dw	54 U	54.5 U	53.2 U	53.9 U	106 U	54.4 U	53.4 U	54 U	53.3 U	53.6 U
Aroclor 1232	µg/kg-dw	54 U	54.5 U	53.2 U	53.9 U	106 U	54.4 U	53.4 U	54 U	53.3 U	53.6 U
Aroclor 1242	µg/kg-dw	65.4 J	54.5 U	53.2 U	108 J	99.8 J	72.4 J	53.3 J	54 U	53.3 U	53.6 U
Aroclor 1248	µg/kg-dw	54 U	54.5 U	53.2 U	53.9 U	106 U	54.4 U	53.4 U	54 U	53.3 U	53.6 U
Aroclor 1254	µg/kg-dw	79.9 J	54.5 U	10.6 J	108 J	165 J	54.1 J	63.7 J	25.8 J	53.3 U	53.6 U
Aroclor 1260	µg/kg-dw	54 U	54.5 U	53.2 U	53.9 U	106 U	54.4 U	53.4 U	54 U	53.3 U	53.6 U
Aroclor 1268	µg/kg-dw	72.7 J	54.5 U	53.2 U	109 J	193 J	169 J	59.9 J	54 U	53.3 U	53.6 U

Table B1-31. (cont.)

Station:	S439	S439	S439	S440	S440	S440	S440	S440	S441	S441
Date:	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000
Depth (cm):	61 - 183	183 - 219	219 - 244	3 - 17	87 - 137	137 - 192	192 - 235	262 - 293	6 - 49	61 - 131
Duplicate:										
Sample Number:	DM0023	DM0024	DM0025	DM0006	DM0007	DM0008	DM0009	DM0010	DM0026	DM0027
Parameter **Units**										
Aroclor 1016 µg/kg-dw	52.8 U	50.9 U	53 U	54.6 U	53.8 U	54.4 U	54.8 U	54.3 U	53 U	51.4 U
Aroclor 1221 µg/kg-dw	52.8 U	50.9 U	53 U	54.6 U	53.8 U	54.4 U	54.8 U	54.3 U	53 U	51.4 U
Aroclor 1232 µg/kg-dw	52.8 U	50.9 U	53 U	54.6 U	53.8 U	54.4 U	54.8 U	54.3 U	53 U	51.4 U
Aroclor 1242 µg/kg-dw	51.6 J	50.9 U	17 J	54.6 U	64.6 J	29.3 J	158 J	54.3 U	53 U	51.4 U
Aroclor 1248 µg/kg-dw	52.8 U	50.9 U	53 U	54.6 U	53.8 U	54.4 U	54.8 U	54.3 U	53 U	51.4 U
Aroclor 1254 µg/kg-dw	192 J	15.1 J	83 J	54.6 U	268 J	289 J	228 J	54.3 U	53 U	51.4 U
Aroclor 1260 µg/kg-dw	52.8 U	50.9 U	126 J	28.2 J	53.8 U	54.4 U	54.8 U	54.3 U	53 U	51.4 U
Aroclor 1268 µg/kg-dw	242 J	89.9 J	53 U	54.6 U	487 J	461 J	440 J	54.3 U	53 U	51.4 U

Table B1-31. (cont.)

Station:		S441	S441	S441	S441	S442	S442	S442	S442	S442
Date:		8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000
Depth (cm):		131 - 195	195 - 259	268 - 290	290 - 357	0 - 61	61 - 122	122 - 183	183 - 232	183 - 232
Duplicate:									D1	D2
Sample Number:		DM0028	DM0029	DM0044	DM0030	DM0016	DM0017	DM0018	DM0019	DM0041
Parameter	Units									
Aroclor 1016	µg/kg-dw	53.6 U	52.6 U	50.5 U	52.4 U	53.1 U	53.3 U	53.2 U	54 U	54 U
Aroclor 1221	µg/kg-dw	53.6 U	52.6 U	50.5 U	52.4 U	53.1 U	53.3 U	53.2 U	54 U	54 U
Aroclor 1232	µg/kg-dw	53.6 U	52.6 U	50.5 U	52.4 U	53.1 U	53.3 U	53.2 U	54 U	54 U
Aroclor 1242	µg/kg-dw	71.2 J	193 J	50.5 U	52.4 U	53.1 U	53.3 U	53.2 U	54 U	54 U
Aroclor 1248	µg/kg-dw	53.6 U	52.6 U	50.5 U	52.4 U	53.1 U	53.3 U	53.2 U	54 U	54 U
Aroclor 1254	µg/kg-dw	214 J	223 J	50.5 U	52.4 U	53.1 U	53.3 U	53.2 U	54 U	54 U
Aroclor 1260	µg/kg-dw	53.6 U	52.6 U	50.5 U	52.4 U	53.1 U	53.3 U	53.2 U	54 U	54 U
Aroclor 1268	µg/kg-dw	120 J	162 J	50.5 U	52.4 U	53.1 U	53.3 U	53.2 U	54 U	54 U

Table B1-31. (cont.)

Station:		S442	S443	S443	S443	S443
Date:		8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000
Depth (cm):		241 - 305	0 - 61	61 - 122	122 - 174	183 - 204
Duplicate:						
Sample Number:		DM0020	DM0036	DM0037	DM0038	DM0040
Parameter	**Units**					
Aroclor 1016	µg/kg-dw	52.7 UJ	51.3 U	54 U	53.9 U	51.8 U
Aroclor 1221	µg/kg-dw	52.7 UJ	51.3 U	54 U	53.9 U	51.8 U
Aroclor 1232	µg/kg-dw	52.7 UJ	51.3 U	54 U	53.9 U	51.8 U
Aroclor 1242	µg/kg-dw	52.7 UJ	51.3 U	54 U	53.9 U	51.8 U
Aroclor 1248	µg/kg-dw	52.7 UJ	51.3 U	54 U	53.9 U	51.8 U
Aroclor 1254	µg/kg-dw	52.7 UJ	51.3 U	54 U	53.9 U	51.8 U
Aroclor 1260	µg/kg-dw	52.7 UJ	51.3 U	54 U	53.9 U	51.8 U
Aroclor 1268	µg/kg-dw	52.7 UJ	51.3 U	54 U	53.9 U	51.8 U

Table B1-32. PCDD/PCDFs in Dredged Material

	Station:	S436	S436	S436	S436	S436	S436	S438
	Date:	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000
	Depth (cm):	0 - 40	40 - 104	104 - 183	104 - 183	244 - 280	280 - 314	0 - 49
	Duplicate:			D1	D2			
	Sample Number:	DM0001	DM0002	DM0003	DM0043	DM0004	DM0005	DM0011
Parameter	**Units**							
2,3,7,8-Tetrachlorodibenzodioxin	ng/kg-dw	0.1 U	0.474 J	0.329 J	0.476 J	0.109 J	0.298 J	0.109 J
1,2,3,7,8-Pentachlorodibenzodioxin	ng/kg-dw	0.1 U	0.729 J	0.681 J	1.57	0.306 J	0.474 J	0.175 J
1,2,3,4,7,8-Hexachlorodibenzodioxin	ng/kg-dw	0.1 U	0.929 J	0.755 J	1.27 J	0.349 J	0.448 J	0.158 J
1,2,3,6,7,8-Hexachlorodibenzodioxin	ng/kg-dw	0.15 J	4.87	3.32	3.27 J	1.66 J	1.42 J	0.284 J
1,2,3,7,8,9-Hexachlorodibenzodioxin	ng/kg-dw	0.261 J	2.73	2.57 J	8.1	1.11 J	1.23 J	0.297 J
1,2,3,4,6,7,8-Heptachlorodibenzodioxin	ng/kg-dw	3.06	106	67.5	69.5	24.5	21	6.01
Total tetrachlorodibenzodioxins	ng/kg-dw	0.15 J	8.62	7.73	7.96	3.95	8.44	1.15
Total pentachlorodibenzodioxins	ng/kg-dw	0.456 J	11.7	5.94	14.9	3.58	3.88	1.13
Total hexachlorodibenzodioxins	ng/kg-dw	1.68 J	44.1	34.5	44.1	11.7	13.9	3.29
Total heptachlorodibenzodioxins	ng/kg-dw	6.67	246	159	156	55.2	43.3	15.3
Octachlorodibenzodioxin	ng/kg-dw	27.3	1110	648	507	244	144	46.8
2,3,7,8-Tetrachlorodibenzofuran	ng/kg-dw	0.426 J	49.4	67.5	69.5	36	15.7	1.23
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg-dw	0.308 J	35.2	79.2	60.7	48.9	14.2	1.21
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg-dw	0.17 J	13.6	26.6	21.5	17	5.51	0.689 J
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg-dw	0.541 J	67.7	155	111	93.8	36.4	2.76
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg-dw	0.273 J	19.6	44.7	34.3	28.2	9.92	1.01 J
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg-dw	0.1 U	1.71 J	3.84	3.17	2.79	0.637 J	0.09 U
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg-dw	0.12 J	3.71	6.72	5.35	3.77	1.93 J	0.426 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg-dw	0.893 J	61.5	110	74.3	51.1	41.4	5.52
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg-dw	0.277 J	23.8	87.5	46.5	40	11.9	1.53 J
Total tetrachlorodibenzofurans	ng/kg-dw	3.24	205	254	208	145	82.4	10.1
Total pentachlorodibenzofurans	ng/kg-dw	1.28	142	275	204	165	62.5	7.79
Total hexachlorodibenzofurans	ng/kg-dw	1.96 J	202	461	301	243	78.3	8.17
Total heptachlorodibenzofurans	ng/kg-dw	2.25 J	164	382	223	168	78.1	10.3
Octachlorodibenzofuran	ng/kg-dw	2.46 J	298	713	423	360	160	10.9

Table B1-32. (cont.)

	Station:	S438	S438	S438	S438	S438	S440	S440
	Date:	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/17/2000	8/17/2000
	Depth (cm):	61 - 149	61 - 149	183 - 207	207 - 265	265 - 300	3 - 17	87 - 137
	Duplicate:	D1	D2					
	Sample Number:	DM0012	DM0042	DM0013	DM0014	DM0015	DM0006	DM0007
Parameter	Units							
2,3,7,8-Tetrachlorodibenzodioxin	ng/kg-dw	0.112 J	0.126 J	0.261 J	0.236 J	0.21 J	0.11 U	0.47 J
1,2,3,7,8-Pentachlorodibenzodioxin	ng/kg-dw	0.177 J	0.212 J	0.283 J	0.543 J	0.93 J	0.157 J	0.478 J
1,2,3,4,7,8-Hexachlorodibenzodioxin	ng/kg-dw	0.128 J	0.282 J	0.504 J	0.579 J	0.52 U	0.165 J	0.671 J
1,2,3,6,7,8-Hexachlorodibenzodioxin	ng/kg-dw	0.584 J	0.817 J	2.32	2.31 J	0.52 U	0.371 J	3.53
1,2,3,7,8,9-Hexachlorodibenzodioxin	ng/kg-dw	0.445 J	0.482 J	1.36 J	1.57 J	0.654 J	0.26 J	2.35 J
1,2,3,4,6,7,8-Heptachlorodibenzodioxin	ng/kg-dw	13.8	15.9	57	43.7	10.4	7.33	87.9
Total tetrachlorodibenzodioxins	ng/kg-dw	0.856 J	1.17	5.41	6.29	6.24	1.8	9.33
Total pentachlorodibenzodioxins	ng/kg-dw	0.124 J	0.475 J	7.92	6.2	3.49	0.72 J	5.89
Total hexachlorodibenzodioxins	ng/kg-dw	4.86	3.9	22.7	23.1	5.25	2.52 J	34.8
Total heptachlorodibenzodioxins	ng/kg-dw	28.8	35.3	126	95.6	19.8	15.8	208
Octachlorodibenzodioxin	ng/kg-dw	144	172	512	367	60.8	57.9 J	866
2,3,7,8-Tetrachlorodibenzofuran	ng/kg-dw	14.7	14	37.1	36.8	2.46	1.01 J	72.7
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg-dw	21.2	10.3	23.8	54.9	2.36	1.04 J	78.7
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg-dw	6.91	3.95	8.33	19.3	1.2	0.96 J	32.1
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg-dw	63.7	35.7	57.8	179	4.15	1.96 J	274
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg-dw	25.1	10.2	17.2	56.8	1.48 J	0.617 J	60.5
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg-dw	1.34 J	0.56 J	1.29 J	2.77	0.131 J	0.12 U	3.73
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg-dw	2.93	1.51 J	3.03	5.97	1.06 J	0.341 J	7.26
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg-dw	66.9	41.6	51.5	199	6.49	2.97	249
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg-dw	60	49.3	20.3	95.8	1.19 J	1.04 J	158
Total tetrachlorodibenzofurans	ng/kg-dw	47.6	45.9	143	140	28.4	8.18	312
Total pentachlorodibenzofurans	ng/kg-dw	70.4	41.6	95.6	200	22.1	5.45	337
Total hexachlorodibenzofurans	ng/kg-dw	165	108	150	363	17.5	6.33	547
Total heptachlorodibenzofurans	ng/kg-dw	225	176	134	457	12.6	7.25	847
Octachlorodibenzofuran	ng/kg-dw	286	218	264	735	14.3	9.6	3300

Table B1-32. (cont.)

	Station:	S440	S440	S440	S442	S442	S442	S442	S442
	Date:	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000
	Depth (cm):	137 - 192	192 - 235	262 - 293	0 - 61	61 - 122	122 - 183	183 - 232	241 - 305
	Duplicate:							D1	
	Sample Number:	DM0008	DM0009	DM0010	DM0016	DM0017	DM0018	DM0019	DM0020
Parameter	**Units**								
2,3,7,8-Tetrachlorodibenzodioxin	ng/kg-dw	0.264 J	0.385 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3,7,8-Pentachlorodibenzodioxin	ng/kg-dw	0.359 J	0.633 J	0.1 U	0.163 J	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3,4,7,8-Hexachlorodibenzodioxin	ng/kg-dw	0.607 J	0.797 J	0.1 U	0.118 J	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3,6,7,8-Hexachlorodibenzodioxin	ng/kg-dw	2.55	3.55	0.1 U	0.247 J	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3,7,8,9-Hexachlorodibenzodioxin	ng/kg-dw	1.56 J	2.56	0.1 U	0.172 J	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3,4,6,7,8-Heptachlorodibenzodioxin	ng/kg-dw	54.1	74.5	0.246 J	3.8	0.757 J	1.01 J	0.262 J	0.1 U
Total tetrachlorodibenzodioxins	ng/kg-dw	5.35	5.67	0.1 U	1.1	2.3	0.75 J	0.34 J	0.1 U
Total pentachlorodibenzodioxins	ng/kg-dw	4.13	5.49	0.1 U	0.55 J	0.33 J	0.1 U	0.43 J	0.1 U
Total hexachlorodibenzodioxins	ng/kg-dw	22.1	32.7	0.1 U	1.29 J	0.53 J	0.7 J	0.19 J	0.1 U
Total heptachlorodibenzodioxins	ng/kg-dw	128	171	0.1 U	7.18	1.58 J	2.13 J	0.26 J	0.1 U
Octachlorodibenzodioxin	ng/kg-dw	586	708	2.4 J	23.2	6.24	7.42	1.67 J	0.478 J
2,3,7,8-Tetrachlorodibenzofuran	ng/kg-dw	57.1	77.6	0.133 J	0.264 J	0.343 J	0.154 J	0.126 J	0.1 U
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg-dw	57	96	0.136 J	0.184 J	0.26 J	0.1 U	0.118 J	0.1 U
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg-dw	22.7	42.9	0.1 U	0.233 J	0.111 J	0.124 J	0.109 J	0.1 U
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg-dw	148	165	0.32 J	0.258 J	0.43 J	0.2 J	0.112 J	0.1 U
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg-dw	43.8	47.5	0.1 U	0.274 J	0.152 J	0.1 U	0.1 U	0.1 U
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg-dw	2.36	4.18	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg-dw	4.81	7.19	0.1 U	0.187 J	0.1 U	0.1 U	0.1 U	0.1 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg-dw	119	98.5	0.202 J	1.11 J	0.477 J	0.517 J	0.285 J	0.1 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg-dw	64.9	66.5	0.1 U	0.166 J	0.177 J	0.1 U	0.1 U	0.1 U
Total tetrachlorodibenzofurans	ng/kg-dw	189	287	0.32 J	4.17	3.06	2.82	1.08	0.1 U
Total pentachlorodibenzofurans	ng/kg-dw	208	345	0.14 J	2.79	1.08	0.83 J	0.22 J	0.1 U
Total hexachlorodibenzofurans	ng/kg-dw	303	405	0.1 U	0.83 J	1.78 J	0.77 J	0.32 J	0.1 U
Total heptachlorodibenzofurans	ng/kg-dw	306	306	0.13 J	1.11 J	0.65 J	0.52 J	0.29 J	0.1 U
Octachlorodibenzofuran	ng/kg-dw	914	676	1 J	2.17 J	1.62 J	1.38 J	0.415 J	0.1 U

Table B1-33. Inorganics in Dredged Material

Station:		S436	S436	S436	S436	S436	S436	S437	S437	S437	S437
Date:		8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000
Depth (cm):		0 - 40	40 - 104	104 - 183	104 - 183	244 - 280	280 - 314	0 - 107	107 - 146	146 - 192	210 - 233
Duplicate:				D1	D2						
Sample Number:		DM0001	DM0002	DM0003	DM0043	DM0004	DM0005	DM0031	DM0032	DM0033	DM0034
Parameter	**Units**										
Aluminum	mg/kg-dw	9,470	6,230	5,730	5,780 J	3,360 J	12,800 J	8,030 J	5,320 J	5,190 J	5,060 J
Antimony	mg/kg-dw	0.27	0.33	0.36	0.36	0.32 U	0.47 U	0.23 U	0.37	0.49	0.32 U
Arsenic	mg/kg-dw	6.5	9.8	10.8	13	5	5.9	6.8	9.9	9.4	10.7
Barium	mg/kg-dw	68.6	86.2	87	87.9	91.9	83.6	77.6	86.9	85.2	81.7
Beryllium	mg/kg-dw	0.46	0.57	0.6	0.7	0.33	0.77	0.42	0.54	0.52	0.56
Cadmium	mg/kg-dw	0.032 U	0.6	0.73	0.72	0.68	0.53	0.033 U	0.64	0.85	0.76
Calcium	mg/kg-dw	111,000	289,000	271,000	265,000	296,000	70,400	126,000	287,000	287,000	276,000
Chromium	mg/kg-dw	29.4 J	28.9 J	25.7 J	25.9	17.1	26.8	14.3	28.6	26.9	26.2
Cobalt	mg/kg-dw	4.7	3.1	3.1	3.2	1.4	4.8	4.6	2.8	2.7	2.6
Copper	mg/kg-dw	14.5	38.7	46.2	44	20.8	35.2	26	38.6	46.7	44.5
Cyanide	mg/kg-dw	0.57 U	0.74 U	0.9	0.99	0.83 U	1.2 U	0.6 U	0.76 U	1.1	0.96
Iron	mg/kg-dw	15,200	7,840	8,840	8300	4,820	14,300	1,4500	6,780	6,840	6,210
Lead	mg/kg-dw	13.2	31.4	42.9	43.6	15.7	34.8	11.6	33.5	52.4	44.1
Magnesium	mg/kg-dw	16,900	6,870	8,340	8,060	5,700	10,200	12,400	5,750	7,250	7,990
Manganese	mg/kg-dw	345	252	270	280	186	134	270	262	277	282
Total mercury	mg/kg-dw	0.29	94.5	47.9	40 J	17.8	3.4	0.77 J	86.3 J	98.8 J	78.2 J
Nickel	mg/kg-dw	14.8	30	29.9	31.5	14.5	26.8	13.7	27.9	30.3	27.7
Potassium	mg/kg-dw	3,130	1,300	781	679	634	3,270	2,530	986	734	557
Selenium	mg/kg-dw	0.97	0.89	0.88	0.62	0.69	1.2	0.97	1	0.6	0.9
Silver	mg/kg-dw	0.086 U	0.11 U	0.12 U	0.12 U	0.12 U	0.19 U	0.089 U	0.11 U	0.12 U	0.12 U
Sodium	mg/kg-dw	521 J	1,650 J	2,000 J	2,070 J	1,550 J	1,550 J	378 J	1,940 J	2,970 J	4,110 J
Thallium	mg/kg-dw	0.56 U	0.75	0.77 U	0.76 U	0.81 U	1.2 U	0.58 U	0.74 U	0.78 U	0.81 U
Vanadium	mg/kg-dw	28.6	13.7	12.7	13.3	6.5	23.8	16.5	12.3	10.7	11.1
Zinc	mg/kg-dw	42.6	98.7	128	91.4	63.1	113	31.8	99.4	95.4	97.3

Table B1-33. (cont.)

Station:		S437	S438	S438	S438	S438	S438	S438	S439	S439
Date:		8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/17/2000	8/17/2000
Depth (cm):		282 - 297	0 - 49	61 - 149	61 - 149	183 - 207	207 - 265	265 - 300	6 - 18	18 - 55
Duplicate:				D1	D2					
Sample Number:		DM0035	DM0011	DM0012	DM0042	DM0013	DM0014	DM0015	DM0021	DM0022
Parameter	Units									
Aluminum	mg/kg-dw	23,300 J	9,100	4,750 J	6,640 J	3,990 J	6,240 J	11,200 J	8,950	6,170
Antimony	mg/kg-dw	0.43	0.25	0.22 U	0.22 U	0.31 U	0.57	0.41 U	0.4 J	0.4 J
Arsenic	mg/kg-dw	10.6	5.9	5.3	11.3	7.9	13.3	6.7	8.4	3.4
Barium	mg/kg-dw	81.1	73.5	70.7	82.3	85.1	89.9	84.8	71.7 J	72.1 J
Beryllium	mg/kg-dw	1	0.44	0.37	0.61	0.41	0.68	0.59	0.43	0.29
Cadmium	mg/kg-dw	0.062 U	0.033 U	0.26	0.41	0.45	0.41	0.16	0.037 U	0.033 U
Calcium	mg/kg-dw	34,700	155,000	182,000	227,000	291,000	271,000	25,800	142,000	183,000
Chromium	mg/kg-dw	29.9	17.2 J	21.3	21.3	19	21.7	16.1	16.2 J	12.4 J
Cobalt	mg/kg-dw	5.3	3.9	2.8	4	1.8	3.3	2.4	4.3	3
Copper	mg/kg-dw	36.1	24.4	21.8	33.2	28.4	35.5	26.1	17.6	10.9
Cyanide	mg/kg-dw	1.1 U	0.58 U	0.57 U	0.57 U	0.81 U	0.84 U	1.1 U	0.67 U	0.59 U
Iron	mg/kg-dw	29,600	14,300	8,900	11,500	5,600	9,050	10,900	15,900	9,260
Lead	mg/kg-dw	36.4	13.8	13.8	17.6	22.8	31.2	38.4	13.8	4.5
Magnesium	mg/kg-dw	7,300	17,000	8,790	7,820	6,490	8,870	7,940	13,700	11,800
Manganese	mg/kg-dw	247	246	193	252	216	258	106	272	280
Total mercury	mg/kg-dw	0.3 J	4	36 J	57.6 J	51.2 J	29.5 J	0.33 J	0.16	0.097
Nickel	mg/kg-dw	29.8	13.4	64.6	30.5	18.8	20.2	15.2	14	9.5
Potassium	mg/kg-dw	5,750	3,180	1,570	2,380	668	1,190	2,930	2,720	1,880
Selenium	mg/kg-dw	2.1	1	0.42 U	0.71	0.89	0.84	1.9	1.4	0.94
Silver	mg/kg-dw	0.17 U	0.087 U	0.086 U	0.086 U	0.12 U	0.13 U	0.16 U	0.1 U	0.089 U
Sodium	mg/kg-dw	13,000 J	440 J	812 J	1,060 J	1,910 J	2,420 J	5,450 J	375	424
Thallium	mg/kg-dw	1.1 U	0.57 U	0.56 U	0.56 U	0.79 U	0.82 U	1 U	0.65 U	0.58 U
Vanadium	mg/kg-dw	40.7	18.3	12.7	19.7	8.5	14.7	20.5	18.6	13.2
Zinc	mg/kg-dw	60	40.3	51.8	65.1	72.8	81.8	55	50.2	29

Table B1-33. (cont.)

Station:		S439	S439	S439	S440	S440	S440	S440	S440	S441
Date:		8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000
Depth (cm):		61 - 183	183 - 219	219 - 244	3 - 17	87 - 137	137 - 192	192 - 235	262 - 293	6 - 49
Duplicate:										
Sample Number:		DM0023	DM0024	DM0025	DM0006	DM0007	DM0008	DM0009	DM0010	DM0026
Parameter	**Units**									
Aluminum	mg/kg-dw	5,020	3,290	5,520	12,100	5660	5,710	5,770	1,010	8,140
Antimony	mg/kg-dw	0.42 J	0.72 J	1.3 J	0.3	0.55	0.37	0.45	0.69	0.25 J
Arsenic	mg/kg-dw	8	5.7	8	8.4	8.5	10	9.4	0.7	3.2
Barium	mg/kg-dw	87.3 J	98.7 J	97.8 J	66.6	93	84.8	91.9	227	78.2 J
Beryllium	mg/kg-dw	0.41	0.27	0.37	0.55	0.43	0.55	0.53	0.086	0.4
Cadmium	mg/kg-dw	0.87	0.28	4.3	0.036 U	1.1	0.72	0.97	0.041 U	0.034 U
Calcium	mg/kg-dw	311,000	292,000	209,000	88,700	324,000	277,000	333,000	357,000	163,000
Chromium	mg/kg-dw	28.1 J	10.4 J	61.6 J	19.4	32.2	24.5	28.7	2.8	16.4 J
Cobalt	mg/kg-dw	2.4	1.8	4.3	4.8	2.7	3.5	2.8	0.15	4.1
Copper	mg/kg-dw	46.2	18	61.6	20.4	49.4	50.6	49.7	2.1	17.6
Cyanide	mg/kg-dw	0.81 U	0.72 U	1.1 U	0.63 U	1.3	1.1	0.94 U	0.74 U	0.62 U
Iron	mg/kg-dw	6,330	6,300	11,300	17,100	6900	9,430	7,070	1,330	10,800
Lead	mg/kg-dw	31.4	44.4	157	13.7 J	34.6 J	35.4 J	49.9 J	12.1 J	9.4
Magnesium	mg/kg-dw	5,680	4,510	6,480	9,690	6,800	8,680	10,700	3,010	18,900
Manganese	mg/kg-dw	259	255	263	294	300	286	294	242	255
Total mercury	mg/kg-dw	86.3	1.6	3.4	0.49 J	80.3 J	50.7 J	56.6 J	0.052 J	0.086
Nickel	mg/kg-dw	25.9	11.4	49.6	16.6	28.4	33	32.1	1.8	13.9
Potassium	mg/kg-dw	675	608	1,180	3,440	839	659	587	220	2370
Selenium	mg/kg-dw	0.89	1.1	1.7	1.2	1.4	0.98	0.92	1.1 U	0.71
Silver	mg/kg-dw	0.14	0.11 U	0.88	0.095 U	0.12 U	0.12	0.15	0.11 U	0.092 U
Sodium	mg/kg-dw	3,070	2,230	4,840	299	3,190	4,970	10,300	7,760	350
Thallium	mg/kg-dw	0.79 U	0.7 U	1.1 U	0.62 U	0.78 U	0.77 U	0.92 U	0.73 U	0.6 U
Vanadium	mg/kg-dw	9.9	7.2	14.1	23.2	10.6	12.7	10.9	1.7	15
Zinc	mg/kg-dw	113	50	186	46 J	124 J	103 J	120 J	15.4 J	31.2

Table B1-33. (cont.)

Station:	S441	S441	S441	S441	S441	S442	S442	S442	S442
Date:	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000
Depth (cm):	61 - 131	131 - 195	195 - 259	268 - 290	290 - 357	0 - 61	61 - 122	122 - 183	183 - 232
Duplicate:									D1
Sample Number:	DM0027	DM0028	DM0029	DM0044	DM0030	DM0016	DM0017	DM0018	DM0019
Parameter	Units								
Aluminum	mg/kg-dw	7,180	5,040	4,680	4,870	1,240	9,980	13,000	14,400	13,800
Antimony	mg/kg-dw	0.34 J	0.84 J	0.55 J	0.52 J	0.44 J	0.24	0.38	0.23 UJ	0.8
Arsenic	mg/kg-dw	4.4	7.9	7.4	6.4	1.2	3.9	4.2	2.7	4.3
Barium	mg/kg-dw	96.2 J	89.3 J	83.5 J	49.1 J	97.5 J	76.1	74.4	105 J	80.2
Beryllium	mg/kg-dw	0.36	0.44	0.41	0.31	0.1	0.46	0.51	0.75	0.58
Cadmium	mg/kg-dw	0.041 U	1.2	0.75	0.07	0.043 U	0.032 U	0.035 U	0.034 U	0.034 U
Calcium	mg/kg-dw	217,000	326,000	320,000	109,000	348,000	70,200	71,600	61,700	61,000
Chromium	mg/kg-dw	11.7 J	32.6 J	27.4 J	10.5 J	3.3 J	15.5	20.6	21.2 J	18.9
Cobalt	mg/kg-dw	2.6	2.5	2.5	4	0.46	4.5	6	6.7	6.2
Copper	mg/kg-dw	15	49.6	60.4	56.9	2.8	18.1	16.8	17.5	18.9
Cyanide	mg/kg-dw	0.73 U	1.3	0.94	0.57 U	0.76 U	0.58 U	0.63 U	0.62 U	1.4
Iron	mg/kg-dw	10,200	5,810	5,880	7,600	2,950	15,400	23,600	18,200	18,600
Lead	mg/kg-dw	6.3	31.6	28.6	22.8	2.5	12.3 J	8.1 J	11.1	45.8 J
Magnesium	mg/kg-dw	9,660	5,730	7,150	10,900	3,260	11,800	10,400	10,800	13,500
Manganese	mg/kg-dw	206	287	288	160	256	354	253	274	385
Total mercury	mg/kg-dw	0.59	9.3	57.7	1.9	0.22	0.054 J	0.11 J	0.088 J	0.061 J
Nickel	mg/kg-dw	11.2	28.9	29.8	12.6	2.6	13.8	16.3	19.3	16.1
Potassium	mg/kg-dw	1,880	525	440	1,260	261	3,330	3,330	3,540	3,070
Selenium	mg/kg-dw	1.3	1.3	1.3	0.49	1.1 U	0.79	0.7	0.91	0.49
Silver	mg/kg-dw	0.11 U	0.18	0.12 U	0.086 U	0.11 U	0.087 U	0.095 U	0.092 U	0.091 U
Sodium	mg/kg-dw	439	2,020	1,920	321	1,360	229	335	587	338
Thallium	mg/kg-dw	0.72 U	0.78 U	0.81 U	0.56 U	0.75 U	0.57 U	0.62 U	0.6 U	0.59 U
Vanadium	mg/kg-dw	13.3	9.4	9.6	13.5	2.1	19.4	25.9	25.2	25.9
Zinc	mg/kg-dw	28.7	131	136	36.8	12.1	39.3 J	39.2 J	51.6	47.1 J

Table B1-33. (cont.)

Station:		S442	S442	S443	S443	S443	S443	S443
Date:		8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000
Depth (cm):		183 - 232	241 - 305	0 - 61	61 - 122	122 - 174	174 - 180	183 - 204
Duplicate:		D2						
Sample Number:		DM0041	DM0020	DM0036	DM0037	DM0038	DM0039	DM0040
Parameter	**Units**							
Aluminum	mg/kg-dw	12,200	1,520	8,230	9,500	7,990	9,410	4,820
Antimony	mg/kg-dw	0.92 J	0.28 UJ	0.31 J	0.37 J	0.32 J	0.22 UJ	0.55 J
Arsenic	mg/kg-dw	4.4	0.62	3.2	3.7	4.5	4.5	2.5
Barium	mg/kg-dw	77.4 J	103 J	72.1 J	72.7 J	59 J	68.6 J	121 J
Beryllium	mg/kg-dw	0.54	0.14	0.39	0.43	0.39	0.39	0.27
Cadmium	mg/kg-dw	0.034 U	0.042 U	0.032 U	0.031 U	0.032 U	0.032 U	0.2
Calcium	mg/kg-dw	64,200	344,000	141,000	81,000	87,600	149,000	300,000
Chromium	mg/kg-dw	17.4 J	3.7 J	12.2 J	14.3 J	13.2 J	13.6 J	9.4 J
Cobalt	mg/kg-dw	6.3	0.47	3.9	5.3	4.9	8.2	2.7
Copper	mg/kg-dw	18.9	1.8	15.4	14.9	20.9	11.2	9
Cyanide	mg/kg-dw	0.6 U	0.75 U	0.57 U	0.55 U	0.57 U	0.58 U	0.79 U
Iron	mg/kg-dw	17,400	1,670	12,500	15,700	14,400	12,200	6,260
Lead	mg/kg-dw	64.4	0.33 U	8.2	7.8	31.9	7.9	27.2
Magnesium	mg/kg-dw	12,600	3,350	19,000	14,400	15,200	16,900	5,460
Manganese	mg/kg-dw	390	242	343	440	400	294	308
Total mercury	mg/kg-dw	0.08	0.042 U	0.032 U	0.031 U	0.11	0.033 U	0.11
Nickel	mg/kg-dw	15.4	2.3	12	13.2	13.2	14.6	10.2
Potassium	mg/kg-dw	2,610	278	2,380	2,790	2,110	2,960	1,070
Selenium	mg/kg-dw	0.62	1.1 U	1.1	0.77	0.82	0.53	1.4
Silver	mg/kg-dw	0.09 U	0.11 U	0.086 U	0.082 U	0.086 U	0.087 U	0.12 U
Sodium	mg/kg-dw	324	719	284	214	238	318	707
Thallium	mg/kg-dw	0.59 U	0.73 U	0.56 U	0.54 U	0.56 U	0.57 U	0.78 U
Vanadium	mg/kg-dw	24	2.6	15.6	18.4	17.2	14.1	8.3
Zinc	mg/kg-dw	44.9	13.2	30.1	28.5	39.2	43.3	32.5

Table B1-34. TOC, Grain Size, and Total Solids in Dredged Material

Station:		S436	S436	S436	S436	S436	S436	S437	S437	S437
Date:		8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000
Depth (cm):		0 - 40	40 - 104	104 - 183	104 - 183	244 - 280	280 - 314	0 - 107	107 - 146	146 - 192
Duplicate:				D1	D2					
Sample Number:		DM0001	DM0002	DM0003	DM0043	DM0004	DM0005	DM0031	DM0032	DM0033
Parameter	**Units**									
Percent clay	%-ww	19	16	14	15	16	16	15	13	15
Percent sand	%-ww	19	11	7	10	18	43	30	21	2
Percent silt	%-ww	62	73	79	75	66	41	55	66	83
Total organic carbon	%-dw	3.38	8.98	8.38	9.04	9.57	19.9	5.88	8.12	8.2
Total solids	%-ww	87.5	67.7	64	64.6	60.3	40.4	84	66.1	63.2

Table B1-34. (cont.)

Station:	S437	S437	S438	S438	S438	S438	S438	S438	S439	S439
Date:	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/16/2000	8/17/2000	8/17/2000
Depth (cm):	210 - 233	282 - 297	0 - 49	61 - 149	61 - 149	183 - 207	207 - 265	265 - 300	6 - 18	18 - 55
Duplicate:				D1	D2					
Sample Number:	DM0034	DM0035	DM0011	DM0012	DM0042	DM0013	DM0014	DM0015	DM0021	DM0022
Parameter	Units									
Percent clay	%-ww	14	20	22	6	6	18	17	12	15	17
Percent sand	%-ww	0	42	26	80	81	0	9	46	32	21
Percent silt	%-ww	86	38	52	14	13	82	74	42	53	62
Total organic carbon	%-dw	8.39	19.3	5.38	7.41	8.31	9.29	9.4	20.5	6.22	5.86
Total solids	%-ww	60.2	45.4	85.7	87.3	87	61.9	59.5	46.9	75.1	84.4

Table B1-34. (cont.)

Station:	S439	S439	S439	S440	S440	S440	S440	S440	S441	S441
Date:	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000
Depth (cm):	61 - 183	183 - 219	219 - 244	3 - 17	87 - 137	137 - 192	192 - 235	262 - 293	6 - 49	61 - 131
Duplicate:										
Sample Number:	DM0023	DM0024	DM0025	DM0006	DM0007	DM0008	DM0009	DM0010	DM0026	DM0027
Parameter **Units**										
Percent clay %-ww	12	11	9	13	12	9	10	13	18	11
Percent sand %-ww	42	42	52	20	33	23	59	37	31	25
Percent silt %-ww	46	47	39	67	55	68	31	50	51	64
Total organic carbon %-dw	8.23	9.98	15.6	7.25	12.5	10.2	8.57	10.6	7.47	9.09
Total solids %-ww	61.9	69.8	46.2	78.8	63	63.8	53.3	67.5	81.2	68.2

Table B1-34. (cont.)

Station:		S441	S441	S441	S441	S442	S442	S442	S442	S442	S442
Date:		8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000
Depth (cm):		131 - 195	195 - 259	268 - 290	290 - 357	0 - 61	61 - 122	122 - 183	183 - 232	183 - 232	241 - 305
Duplicate:									D1	D2	
Sample Number:		DM0028	DM0029	DM0044	DM0030	DM0016	DM0017	DM0018	DM0019	DM0041	DM0020
Parameter	Units										
Percent clay	%-ww	14	11	9	11	19	22	20	22	23	17
Percent sand	%-ww	1	1	61	56	20	33	13	47	14	26
Percent silt	%-ww	85	88	30	33	61	45	67	31	63	57
Total organic carbon	%-dw	8.06	7.96	8.3	9.82	2.34	3.53	2.84	1.27	2.24	10.2
Total solids	%-ww	62.8	60.7	87.3	65.5	86.6	79	81.2	82.6	83	66.9

Table B1-34. (cont.)

	Station:	S443	S443	S443	S443	S443
	Date:	8/17/2000	8/17/2000	8/17/2000	8/17/2000	8/17/2000
	Depth (cm):	0 - 61	61 - 122	122 - 174	174 - 180	183 - 204
	Duplicate:					
	Sample Number:	DM0036	DM0037	DM0038	DM0039	DM0040
Parameter	**Units**					
Percent clay	%-ww	19	21	18		16
Percent sand	%-ww	33	34	34		48
Percent silt	%-ww	48	45	48		36
Total organic carbon	%-dw	4.96	2.49	2.3		16.4
Total solids	%-ww	87.4	91.5	87.1	86.1	63

Table B1-35. SEM, AVS, Ammonia, Total Sulfide, and Methylmercury at Sediment Toxicity Stations

Station	Date	Depth (cm)	Duplicate	Sample Number	Cadmium (SEM) (mg/kg-dw)	Copper (SEM) (mg/kg-dw)	Lead (SEM) (mg/kg-dw)	Total mercury (SEM) (mg/kg-dw)	Nickel (SEM) (mg/kg-dw)	Zinc (SEM) (mg/kg-dw)	Acid-volatile sulfide (mg/kg-dw)	Ammonia-nitrogen (mg/kg-dw)	Sulfides (mg/kg-dw)	Methyl-mercury (µg/kg-dw)
OT6	8/9/2000	0 - 15		SF0161	0.3 U	33.1	13	0.04 U	16.4	56.8	10.9	25.5	111	1.384
OT7	8/14/2000	0 - 15		SF0162	0.23 U	97.6	16.9	0.04 U	11.5 J	48.3	55.1	28	370	0.331
S302	8/12/2000	0 - 15		SF0048	0.6	29.1	31 J	0.02 U	8.6 J	96.6	1,150 J	68 J	1,520	2.087
S303	8/12/2000	0 - 15		SF0038	1.1	37.6	48.5 J	0.04 U	14.4 J	159	2,990 J	190 J	1,940	2.316
S305	8/12/2000	0 - 15		SF0054	0.4	21.3	22.7 J	0.02	8.6 J	90.8	454 J	32 J	642	3.66
S315	8/11/2000	0 - 15		SF0074	2.5	96.8	73.8 J	0.35	16.3 J	225	6,890 J	380	4,700	5.469
S317	8/11/2000	0 - 15		SF0078	2.5	77.9	78.3 J	0.03	14.1 J	238	2,700 J	73	2,400	8.116
S320	8/13/2000	0 - 15		SF0084	3	82.8	69.5 J	0.19	14.5 J	243	2,490 J	200 J	1,950	10.206
S323	8/13/2000	0 - 15		SF0090	3.1	0.21 U	5.3 J	0.03	5.7 J	179	726 J	38 J	1,130	3.896
S332	8/11/2000	0 - 15		SF0109	0.5	0.3 U	2.54 UJ	0.03	15.7 J	24.4	624 J	16	1,300	3.812
S337	8/11/2000	0 - 15		SF0174	3.1	89.1	111 J	0.09	139 J	309	3,100 J	120	2,900	15.256
S342	8/10/2000	0 - 15		SF0130_T	1.1	19.3	13.3 J	0.11	13.6 J	39.2	139	31	470	3.186
S344	8/10/2000	0 - 15		SF0111_T	0.4	0.4 J	11.8 J	2.43	25.3 J	50.3	1,180	31	1,400	120.58
S354	8/10/2000	0 - 15		SF0155	2.3	52.9	62 J	0.04 U	19.9 J	180	4,120	250	3,600	6.847
S355	8/10/2000	0 - 15		SF0157	2.7	76.2	68.8 J	0.04 U	17.6 J	203	5,340	250	4,600	6.689
S365	8/13/2000	0 - 15		SF0022	2	25.2	49.8 J	0.03 U	28 J	66.1	421 J	26 J	847	2.058
S372	8/11/2000	0 - 15		SF0050	0.9	0.4 J	2.01 UJ	0.04	1.1 J	27.5	84.6 J	11	330	2.937

Table B1-36. PCBs in Sediment from Benthic Bioaccumulation Stations

Station	Date	Depth (cm)	Duplicate	Sample Number	Aroclor 1016 (µg/kg-dw)	Aroclor 1221 (µg/kg-dw)	Aroclor 1232 (µg/kg-dw)	Aroclor 1242 (µg/kg-dw)	Aroclor 1248 (µg/kg-dw)	Aroclor 1254 (µg/kg-dw)	Aroclor 1260 (µg/kg-dw)	Aroclor 1268 (µg/kg-dw)
OT6	8/3/2000	0 - 2	D1	BC0033	51.1 U	51.1 U	51.1 U	51.1 U	51.1 U	51.1 U	51.1 U	51.1 U
OT6	8/3/2000	0 - 2	D2	BC0031	53.7 U	53.7 U	53.7 U	53.7 U	53.7 U	53.7 U	53.7 U	53.7 U
OT6	8/3/2000	2 - 15		BC0034	50.3 U	50.3 U	50.3 U	50.3 U	50.3 U	50.3 U	50.3 U	50.3 U
OT7	8/3/2000	0 - 2		BC0035	51.8 U	51.8 U	51.8 U	51.8 U	51.8 U	51.8 U	51.8 U	51.8 U
OT7	8/3/2000	2 - 15		BC0036	50.9 U	50.9 U	50.9 U	50.9 U	50.9 U	50.9 U	50.9 U	50.9 U
S305	8/2/2000	0 - 2		BC0029	52.4 U	52.4 U	52.4 U	52.4 U	52.4 U	11 J	52.4 U	52.4 U
S305	8/2/2000	2 - 15		BC0030	50.6 U	50.6 U	50.6 U	50.6 U	50.6 U	23.1 J	17.8 J	50.6 U
S317	8/1/2000	0 - 2		BC0025	104 U	104 U	104 U	307 J	104 U	283 J	127 J	104 U
S317	8/1/2000	2 - 14		BC0026	50.9 U	50.9 U	50.9 U	274 J	50.9 U	156 J	68.1 J	50.9 U
S323	8/1/2000	0 - 2		BC0023	52.2 U	52.2 U	52.2 U	344 J	52.2 U	165 J	95.8 J	52.2 U
S323	8/1/2000	2 - 15		BC0024	102 U	102 U	102 U	853 J	102 U	356 J	102 J	102 U
S332	7/28/2000	0 - 2		BC0001	52.1 U	52.1 U	52.1 U	63.2 J	52.1 U	94.3 J	48.8 J	52.1 U
S332	7/28/2000	2 - 14		BC0002	207 U	207 U	207 U	271 J	207 U	207 U	207 U	207 U
S342	7/30/2000	0 - 2		BC0011	155 U	155 U	155 U	213 J	155 U	155 U	155 U	155 U
S342	7/30/2000	2 - 9		BC0012	155 U	155 U	155 U	197 J	155 U	64.2 J	155 U	155 U
S344	7/29/2000	0 - 2		BC0007	522 U	522 U	522 U	4,800 J	522 U	477 J	503 J	522 U
S344	7/29/2000	2 - 15		BC0008	1,030 U	1,030 U	1,030 U	18,800 J	1,030 U	1,270 J	885 J	1,030 U
S372	8/2/2000	0 - 2		BC0027	53.1 U	53.1 U	53.1 U	13.4 J	53.1 U	25.1 J	53.1 U	53.1 U
S372	8/2/2000	2 - 14	D1	BC0028	50.5 U	50.5 U	50.5 U	50.5 U	50.5 U	50.5 U	50.5 U	50.5 U
S372	8/2/2000	2 - 14	D2	BC0032	51 U	51 U	51 U	51 U	51 U	51 U	51 U	51 U
S400	7/28/2000	0 - 2		BC0003	50.8 U	50.8 U	50.8 U	50.8 U	50.8 U	19.4 J	18.8 J	50.8 U
S400	7/28/2000	2 - 15		BC0004	51.4 U	51.4 U	51.4 U	11.1 J	51.4 U	11.4 J	51.4 U	51.4 U
S401	7/29/2000	0 - 2		BC0005	102 U	102 U	102 U	444 J	102 U	285 J	103 J	102 U
S401	7/29/2000	2 - 15		BC0006	101 U	101 U	101 U	760 J	101 U	412 J	173 J	101 U
S402	7/30/2000	0 - 2		BC0009	206 U	206 U	206 U	269 J	206 U	206 U	206 U	206 U
S402	7/30/2000	2 - 10		BC0010	157 U	157 U	157 U	249 J	157 U	157 U	157 U	157 U
S403	7/30/2000	0 - 2		BC0013	104 U	104 U	104 U	136 J	104 U	29.1 J	104 J	104 U
S403	7/30/2000	2 - 14		BC0014	516 U	516 U	516 U	1,080 J	516 U	192 J	516 U	516 U
S404	7/31/2000	0 - 2		BC0015	516 U	516 U	516 U	963 J	516 U	252 J	309 J	516 U
S404	7/31/2000	2 - 8		BC0016	1,280 U	1,280 U	1,280 U	1,860 J	1,280 U	739 J	324 J	1,280 U
S405	7/31/2000	0 - 2		BC0017	203 U	203 U	203 U	1,100 J	203 U	1,000 J	428 J	203 U
S405	7/31/2000	2 - 15		BC0018	63.6 U	63.6 U	63.6 U	561 J	63.6 U	376 J	129 J	63.6 U
S406	7/31/2000	0 - 2		BC0019	205 U	205 U	205 U	1,040 J	205 U	88.4 J	110 J	205 U
S406	7/31/2000	2 - 15		BC0020	514 U	514 U	514 U	2,870 J	514 U	177 J	133 J	514 U
S407	8/1/2000	0 - 2		BC0021	104 U	104 U	104 U	199 J	104 U	287 J	129 J	104 U
S407	8/1/2000	2 - 15		BC0022	51.6 U	51.6 U	51.6 U	199 J	51.6 U	138 J	115 J	51.6 U

Table B1-37. Total Mercury, Methylmercury, TOC, Grain Size, and Total Solids in Sediment from Benthic Bioaccumulation Stations

Station	Date	Depth (cm)	Duplicate	Sample Number	Total mercury (mg/kg-dw)	Methyl-mercury (µg/kg-dw)	Total organic carbon (%-dw)	Percent sand (%-ww)	Percent silt (%-ww)	Percent clay (%-ww)	Total solids (%-ww)
OT6	8/3/2000	0 - 2	D1	BC0033	0.11 U	1.11	11.7	55	34	11	23.8
OT6	8/3/2000	0 - 2	D2	BC0031	0.11 U	1.51	9.87	77	13	10	23.6
OT6	8/3/2000	2 - 15		BC0034	0.14 U	1.05	13.9	62	30	8	18.3
OT7	8/3/2000	0 - 2		BC0035	0.13	0.16	8.35	27	50	23	21.2
OT7	8/3/2000	2 - 15		BC0036	0.12 U	0.192	8.36	23	54	23	28.2
S305	8/2/2000	0 - 2		BC0029	1.4	4.3	4.25	32	63	5	48
S305	8/2/2000	2 - 15		BC0030	1.5	2.17	6.42	30	64	6	49.2
S317	8/1/2000	0 - 2		BC0025	10.1	16.9	9.67	42	54	4	34
S317	8/1/2000	2 - 14		BC0026	11.2	11.1	9.47	40	56	4	34.9
S323	8/1/2000	0 - 2		BC0023	2	4.09	6.8	67	27	6	47.9
S323	8/1/2000	2 - 15		BC0024	2.7	3.46	9.05	69	26	5	50.1
S332	7/28/2000	0 - 2		BC0001	2.7	4.3	8.91	87	10	3	55.9
S332	7/28/2000	2 - 14		BC0002	11.8	4.32	4.98	21	71	8	50.3
S342	7/30/2000	0 - 2		BC0011	2.3	18.9	12.1	38	55	7	52.6
S342	7/30/2000	2 - 9		BC0012	1.6	6.39	17.5	66	29	5	55.3
S344	7/29/2000	0 - 2		BC0007	48.6	61.1	26	78	17	5	46.2
S344	7/29/2000	2 - 15		BC0008	67.8	62.2	16.2	17	78	5	52.6
S372	8/2/2000	0 - 2		BC0027	1.3	3.32	6.44	91	6	3	55.4
S372	8/2/2000	2 - 14	D1	BC0028	1.2	1.65	7.99	91	4	5	56.3
S372	8/2/2000	2 - 14	D2	BC0032	1.3	1.89	7.78	92	5	3	55.5
S400	7/28/2000	0 - 2		BC0003	0.37	2.4	10.9	72	22	6	51.3
S400	7/28/2000	2 - 15		BC0004	0.25	1.37	7.61	51	37	12	49.3
S401	7/29/2000	0 - 2		BC0005	8.3	18.1	8.79	23	72	5	41.8
S401	7/29/2000	2 - 15		BC0006	5.7	14.4	7.92	23	71	6	46.3
S402	7/30/2000	0 - 2		BC0009	1.8	16.2	6.72	67	28	5	59.6
S402	7/30/2000	2 - 10		BC0010	1.6	17.6	5.1	25	70	5	62.5

Table B1-37. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Total mercury (mg/kg-dw)	Methyl-mercury (mg/kg-dw)	Total organic carbon (%-dw)	Percent sand (%-ww)	Percent silt (%-ww)	Percent clay (%-ww)	Total solids (%-ww)
S403	7/30/2000	0 - 2		BC0013	1	3.49	7.27	53	42	5	45.1
S403	7/30/2000	2 - 14		BC0014	0.97	0.68	6.03	23	71	6	43.6
S404	7/31/2000	0 - 2		BC0015	22.4	8.7	11.3	83	13	4	54.6
S404	7/31/2000	2 - 8		BC0016	25.7	12	16	73	22	5	55.2
S405	7/31/2000	0 - 2		BC0017	15.9	17.5	10.2	31	63	6	35.1
S405	7/31/2000	2 - 15		BC0018	11.4	8.9	9.35	24	66	10	38.3
S406	7/31/2000	0 - 2		BC0019	40.4	41.7	8.28	35	59	6	36.8
S406	7/31/2000	2 - 15		BC0020	64.8	19.5	10.4	3	91	6	47.3
S407	8/1/2000	0 - 2		BC0021	11	18.9	10.3	57	39	4	31.2
S407	8/1/2000	2 - 15		BC0022	9.1	6.05	9.25	31	63	6	37.7

Table B1-38. Grain Size and Specific Gravity Data for the Grain Size Study

Physical Parameter[a]	Units	Meas. Basis	Station:	S410	S411	S412	S413	S414	S415	S416	S417
			Date:	7/17/2000	7/17/2000	7/17/2000	7/17/2000	7/17/2000	7/17/2000	7/17/2000	7/17/2000
			Sample ID:	GS0001	GS0002	GS0003	GS0004	GS0005	GS0006	GS0007	GS0008
			Field Rep:	0	0	0	0	0	0	0	0
			Sample No:	GS0001	GS0002	GS0003	GS0004	GS0005	GS0006	GS0007	GS0008
			Depth (cm):	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2
Specific gravity	g/cc	dry		1.25	1.03	1.13	1.01	1.15	0.96	1.1	1.15
Particles < 19.0 mm	%	dry		100	100	100	100	100	100	100	100
Particles < 9.50 mm	%	dry		100	100	100	100	100	100	100	100
Particles < 4.75 mm	%	dry		100	100	100	100	100	100	100	100
Particles < 2.00 mm	%	dry		100	100	100	100	100	100	100	100
Particles < 0.85 mm	%	dry		97.8	99.2	98.4	99.2	99.3	99.2	86.8	94.5
Particles < 0.425 mm	%	dry		93.0	98.9	97.3	98.8	99.1	99.2	78	91.6
Particles < 0.250 mm	%	dry		87.3	98.4	95.8	97.5	98.7	99.1	73.8	88.7
Particles < 0.106 mm	%	dry		74.3	96	90.7	90.9	96.3	98.6	69	84.2
Particles < 0.075 mm	%	dry		68.6	93.7	87.9	87.3	94	98.2	67.9	83.3
Particles < 0.074 mm	%	dry		68.4	93.9	88.0	87.5	94.3	98.7	68.5	83.8
Particles smaller than 0.005 mm	%	dry		13.6	14	13.7	14	16.4	19.4	14.3	11.4
Particles smaller than 0.001 mm	%	dry		10	8.4	8.3	8.4	5.9	8.6	3.2	5.6

Table B1-38. (cont.)

Physical Parameter[a]	Units	Meas. Basis	Station:	S418	S419	S420	S421	S422	S423	S424	S425
			Date:	7/17/2000	7/17/2000	7/17/2000	7/17/2000	8/15/2000	8/15/2000	8/15/2000	8/15/2000
			Sample ID:	GS0009	GS0010	GS0011	GS0012	GS0013	GS0014	GS0016	GS0015
			Field Rep:	0	0	0	0	0	0	0	0
			Sample No:	GS0009	GS0010	GS0011	GS0012	GS0013	GS0014	GS0016	GS0015
			Depth (cm):	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2
Specific gravity	g/cc	dry		1.11	1.15	1.03	1.07	1.08	1.08	1.16	1.17
Particles < 19.0 mm	%	dry		100	100	100	100	99.9	99.7	99.8	100
Particles < 9.50 mm	%	dry		100	100	100	100	99.9	99.7	99.8	100
Particles < 4.75 mm (sieve #4)	%	dry		100	100	100	100	99.9	99.4	99.6	99.9
Particles < 2.00 mm (sieve #10)	%	dry		100	100	100	100	99.0	98.3	98.4	99.7
Particles < 0.85 mm	%	dry		98.3	96.2	98.5	99.2	97.2	94.2	96.7	99.0
Particles < 0.425 mm	%	dry		97.5	87.8	98.3	99.1	93.1	88.6	92.4	98.1
Particles < 0.250 mm (sieve #60)	%	dry		96.3	78.6	97.9	98.9	86.1	81.7	85.1	96.4
Particles < 0.106 mm	%	dry		95.2	60.5	96	98.2	76.5	65.6	65.5	86.7
Particles < 0.075 mm	%	dry		95	56.2	94.4	97.4	74.8	60.5	57.1	79.0
Particles < 0.074 mm (sieve #200)	%	dry		95.6	56.4	94.9	97.9	76.9	61.9	58.3	80.3
Particles smaller than 0.005 mm	%	dry		15.6	14.2	28.5	29.3	22.2	21.9	20.4	19.8
Particles smaller than 0.001 mm	%	dry		0	3.3	11.7	12	4.4	11.1	4.5	11.4

Table B1-38. (cont.)

Physical Parameter[a]	Units	Meas. Basis	Station:	S426	S427	S428	S429	S430	S431	S432	S433
			Date:	8/15/2000	8/15/2000	8/15/2000	8/15/2000	8/15/2000	8/15/2000	8/15/2000	8/15/2000
			Sample ID:	GS0017	GS0018	GS0019	GS0020	GS0021	GS0022	GS0023	GS0024
			Field Rep:	0	0	0	0	0	0	0	0
			Sample No:	GS0017	GS0018	GS0019	GS0020	GS0021	GS0022	GS0023	GS0024
			Depth (cm):	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2
Specific gravity	g/cc	dry		1.12	1.14	1.22	1.01	1.05	1.28	1.07	1.19
Particles < 19.0 mm	%	dry		100	100	100	100	100	100	100	100
Particles < 9.50 mm	%	dry		100	100	100	100	100	100	100	100
Particles < 4.75 mm (sieve #4)	%	dry		100	100	100	100	100	100	100	100
Particles < 2.00 mm (sieve #10)	%	dry		100	100	99.9	100	99.9	100	100	100
Particles < 0.85 mm	%	dry		99.7	99.8	99.3	99.5	98.1	99.7	99.6	99.9
Particles < 0.425 mm	%	dry		99.3	99.7	98.8	99.2	97.1	99.3	99.0	99.6
Particles < 0.250 mm (sieve #60)	%	dry		98.4	97.8	98.2	98.6	96.3	98.8	98.4	99.3
Particles < 0.106 mm	%	dry		91.5	96.5	87.1	89.5	89.7	95.8	95.4	98.4
Particles < 0.075 mm	%	dry		77.3	95.2	73.9	79.2	82.7	92.5	92.2	97.4
Particles < 0.074 mm (sieve #200)	%	dry		78.4	98.2	74.8	80.6	84.4	94.0	94.0	99.3
Particles smaller than 0.005 mm	%	dry		22.8	32.2	27.7	33.9	33.4	36.5	36.6	52.7
Particles smaller than 0.001 mm	%	dry		8.0	14.9	11.6	14.7	11.6	7.7	12.1	19.0

[a] Detailed results for the hydrometer analysis are provided in Appendix E.

Table B1-39. TCLP Toxicity of Sediment for the Feasibility Study

	Station:	S309	S309	S309	S309	S309	S309	S309	S309
	Date:	8/14/2000	8/14/2000	7/20/2000	7/20/2000	7/20/2000	7/20/2000	7/20/2000	7/20/2000
	Depth (cm):	0 - 15	15 - 30	30 - 74	74 - 174	174 - 274	174 - 274	274 - 374	374 - 474
	Duplicate:					D1	D2		
	Sample Number:	SF0062	SF0063	VC0087	VC0065	VC0066	VC0192	VC0067	VC0068
Parameter	**Method** **Units**								
Inorganics									
Arsenic	TCLP mg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Barium	TCLP mg/L	1.1	3.5	1.3	0.7	0.5 U	0.5 U	0.5 U	0.5 U
Cadmium	TCLP mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Chromium	TCLP mg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Lead	TCLP mg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Total Mercury	TCLP mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Selenium	TCLP mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Silver	TCLP mg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOCs									
Benzene	TCLP mg/L	0.036	0.094	0.16	0.24	0.093	0.064	0.019	0.0057
2-Butanone	TCLP mg/L	0.05 UR	0.05 UR	0.0093 UJ	0.01 UR	0.01 UR	0.01 U	0.01 UR	0.01 UR
Carbon Tetrachloride	TCLP mg/L	0.012 U	0.012 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Chlorobenzene	TCLP mg/L	0.95	1.7	1.1	0.36	0.078	0.042	0.0042	0.0025 U
Chloroform	TCLP mg/L	0.012 U	0.012 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
1,2-Dichloroethane	TCLP mg/L	0.012 U	0.012 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
1,1-Dichloroethene	TCLP mg/L	0.012 U	0.012 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Tetrachloroethene	TCLP mg/L	0.012 U	0.012 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Trichloroethene	TCLP mg/L	0.012 U	0.012 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Vinyl chloride	TCLP mg/L	0.025 UJ	0.025 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
SVOCs									
1,4-Dichlorobenzene	TCLP mg/L	0.54	0.83	1.1	0.49	0.13	0.17	0.05 U	0.05 U
2,4-Dinitrotoluene	TCLP mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.05 U	0.05 U	0.05 U	0.05 U
Hexachlorobenzene	TCLP mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.05 U	0.05 U	0.05 U	0.05 U
Hexachlorobutadiene	TCLP mg/L	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.05 UJ	0.05 UJ	0.05 UJ	0.05 UJ
Hexachloroethane	TCLP mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.05 U	0.05 U	0.05 U	0.05 U

Table B1-39. (cont.)

	Station:	S309	S309	S309	S309	S309	S309	S309	S309
	Date:	8/14/2000	8/14/2000	7/20/2000	7/20/2000	7/20/2000	7/20/2000	7/20/2000	7/20/2000
	Depth (cm):	0 - 15	15 - 30	30 - 74	74 - 174	174 - 274	174 - 274	274 - 374	374 - 474
	Duplicate:					D1	D2		
	Sample Number:	SF0062	SF0063	VC0087	VC0065	VC0066	VC0192	VC0067	VC0068
Parameter	Method	Units							
2-Methylphenol	TCLP	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.05 U	0.05 U	0.05 U	0.05 U
3- and 4-Methylphenol	TCLP	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.05 U	0.05 U	0.05 U	0.05 U
Nitrobenzene	TCLP	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.05 U	0.05 U	0.05 U	0.05 U
Pentachlorophenol	TCLP	mg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.25 U	0.25 U	0.25 U
Pyridine	TCLP	mg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,5-Trichlorophenol	TCLP	mg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trichlorophenol	TCLP	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.05 U	0.05 U	0.05 U	0.05 U
Herbicides										
2,4-Dichlorophenoxyacetic acid	TCLP	mg/L	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ
Silvex	TCLP	mg/L	0.01 U	0.01 U	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ
Pesticides										
gamma-BHC (Lindane)	TCLP	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Chlordane	TCLP	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Endrin	TCLP	mg/L	0.0005 U	0.0005 U	0.0005 U	0.0001 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Heptachlor	TCLP	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Heptachlor epoxide	TCLP	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Methoxychlor	TCLP	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Toxaphene	TCLP	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Table B1-39. (cont.)

	Station:	S312	S312	S312	S312	S312	S312	S312
	Date:	8/14/2000	8/14/2000	7/20/2000	7/20/2000	7/20/2000	7/20/2000	7/20/2000
	Depth (cm):	0 - 15	15 - 30	30 - 100	100 - 200	200 - 300	200 - 300	300 - 400
	Duplicate:					D1	D2	
	Sample Number:	SF0068	SF0069	VC0089	VC0090	VC0091	VC0193	VC0092
Parameter	**Method** **Units**							
Inorganics								
Arsenic	TCLP mg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Barium	TCLP mg/L	0.9	0.7	0.5	0.6	0.5 U	0.5 U	0.5 U
Cadmium	TCLP mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Chromium	TCLP mg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Lead	TCLP mg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Total Mercury	TCLP mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Selenium	TCLP mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Silver	TCLP mg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOCs								
Benzene	TCLP mg/L	0.052	0.19	0.066	0.023	0.028	0.03	0.04
2-Butanone	TCLP mg/L	0.05 UR	0.05 UR	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Carbon Tetrachloride	TCLP mg/L	0.012 U	0.012 UJ	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Chlorobenzene	TCLP mg/L	5.2	14	1.9	0.15	0.052	0.054	0.039
Chloroform	TCLP mg/L	0.012 U	0.012 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
1,2-Dichloroethane	TCLP mg/L	0.012 U	0.012 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
1,1-Dichloroethene	TCLP mg/L	0.012 U	0.012 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Tetrachloroethene	TCLP mg/L	0.012 U	0.012 U	0.0006 UJ	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Trichloroethene	TCLP mg/L	0.012 U	0.012 UJ	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Vinyl chloride	TCLP mg/L	0.025 UJ	0.025 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
SVOCs								
1,4-Dichlorobenzene	TCLP mg/L	3.7	8.6	1.4	0.34	1.3	1.4	0.1
2,4-Dinitrotoluene	TCLP mg/L	0.1 U	0.1 U	0.1 U	0.05 UJ	0.1 U	0.1 UJ	0.01 U
Hexachlorobenzene	TCLP mg/L	0.1 U	0.1 U	0.1 U	0.05 UJ	0.1 U	0.1 UJ	0.01 U
Hexachlorobutadiene	TCLP mg/L	0.1 U	0.1 U	0.1 UJ	0.05 UJ	0.1 UJ	0.1 UJ	0.01 UJ
Hexachloroethane	TCLP mg/L	0.1 U	0.1 U	0.1 U	0.05 UJ	0.1 U	0.1 UJ	0.01 U

Table B1-39. (cont.)

	Station:	S312	S312	S312	S312	S312	S312	S312
	Date:	8/14/2000	8/14/2000	7/20/2000	7/20/2000	7/20/2000	7/20/2000	7/20/2000
	Depth (cm):	0 - 15	15 - 30	30 - 100	100 - 200	200 - 300	200 - 300	300 - 400
	Duplicate:					D1	D2	
	Sample Number:	SF0068	SF0069	VC0089	VC0090	VC0091	VC0193	VC0092
Parameter	**Method**	**Units**						
2-Methylphenol	TCLP	mg/L	0.1 U	0.1 U	0.1 U	0.05 UJ	0.1 U	0.1 UJ	0.01 U
3- and 4-Methylphenol	TCLP	mg/L	0.1 U	0.1 U	0.1 U	0.05 UJ	0.1 U	0.1 UJ	0.04
Nitrobenzene	TCLP	mg/L	0.1 U	0.1 U	0.1 U	0.05 UJ	0.1 U	0.1 UJ	0.01 U
Pentachlorophenol	TCLP	mg/L	0.5 U	0.5 U	0.5 U	0.25 UJ	0.5 U	0.5 UJ	0.05 U
Pyridine	TCLP	mg/L	0.5 U	0.5 U	0.5 U	0.25 UJ	0.5 U	0.5 UJ	0.05 U
2,4,5-Trichlorophenol	TCLP	mg/L	0.5 U	0.5 U	0.5 U	0.25 UJ	0.5 U	0.5 UJ	0.05 U
2,4,6-Trichlorophenol	TCLP	mg/L	0.1 U	0.1 U	0.1 U	0.05 UJ	0.1 U	0.1 UJ	0.01 U
Herbicides									
2,4-Dichlorophenoxyacetic acid	TCLP	mg/L	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ
Silvex	TCLP	mg/L	0.01 U	0.01 U	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ
Pesticides									
gamma-BHC (Lindane)	TCLP	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Chlordane	TCLP	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Endrin	TCLP	mg/L	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Heptachlor	TCLP	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Heptachlor epoxide	TCLP	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Methoxychlor	TCLP	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Toxaphene	TCLP	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Table B1-39. (cont.)

			Station:	S315	S315	S315	S315	S315	S315
			Date:	8/11/2000	8/14/2000	7/19/2000	7/19/2000	7/19/2000	7/19/2000
			Depth (cm):	0 - 15	15 - 30	30 - 100	100 - 200	200 - 300	300 - 400
			Duplicate:						
			Sample Number:	SF0074	SF0075	VC0113	VC0114	VC0115	VC0116
Parameter	**Method**	**Units**							
Inorganics									
Arsenic	TCLP	mg/L		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Barium	TCLP	mg/L		0.6	0.5	0.5 U	0.5 U	0.8	0.5 U
Cadmium	TCLP	mg/L		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Chromium	TCLP	mg/L		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Lead	TCLP	mg/L		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Total Mercury	TCLP	mg/L		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Selenium	TCLP	mg/L		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Silver	TCLP	mg/L		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOCs									
Benzene	TCLP	mg/L		0.012 U	0.012 U	0.001 J	0.0039	0.0016 J	0.0008 J
2-Butanone	TCLP	mg/L		0.05 UR	0.05 UR	0.015 J	0.021 J	0.015 J	0.024 J
Carbon Tetrachloride	TCLP	mg/L		0.012 U	0.012 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Chlorobenzene	TCLP	mg/L		0.012 U	0.026	0.011	0.032	0.034	0.0025 U
Chloroform	TCLP	mg/L		0.012 U	0.012 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
1,2-Dichloroethane	TCLP	mg/L		0.012 U	0.012 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
1,1-Dichloroethene	TCLP	mg/L		0.012 U	0.012 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Tetrachloroethene	TCLP	mg/L		0.012 U	0.012 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Trichloroethene	TCLP	mg/L		0.012 U	0.012 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Vinyl chloride	TCLP	mg/L		0.025 UJ	0.025 UJ	0.005 U	0.005 U	0.005 U	0.005 U
SVOCs									
1,4-Dichlorobenzene	TCLP	mg/L		0.1 U	0.1 U	0.01 U	0.01 U	0.023	0.01 U
2,4-Dinitrotoluene	TCLP	mg/L		0.1 U	0.1 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobenzene	TCLP	mg/L		0.1 U	0.1 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	TCLP	mg/L		0.1 U	0.1 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachloroethane	TCLP	mg/L		0.1 U	0.1 U	0.01 U	0.01 U	0.01 U	0.01 U

Table B1-39. (cont.)

	Station:	S315	S315	S315	S315	S315	S315
	Date:	8/11/2000	8/14/2000	7/19/2000	7/19/2000	7/19/2000	7/19/2000
	Depth (cm):	0 - 15	15 - 30	30 - 100	100 - 200	200 - 300	300 - 400
	Duplicate:						
	Sample Number:	SF0074	SF0075	VC0113	VC0114	VC0115	VC0116
Parameter	**Method**	**Units**					
2-Methylphenol	TCLP	mg/L	0.1 U	0.1 U	0.01 U	0.01 U	0.01 U	0.01 U
3- and 4-Methylphenol	TCLP	mg/L	0.1 U	0.1 U	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	TCLP	mg/L	0.1 U	0.1 U	0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	TCLP	mg/L	0.5 U	0.5 U	0.05 U	0.05 U	0.05 U	0.05 U
Pyridine	TCLP	mg/L	0.5 U	0.5 U	0.05 U	0.05 U	0.05 U	0.05 U
2,4,5-Trichlorophenol	TCLP	mg/L	0.5 U	0.5 U	0.05 U	0.05 U	0.05 U	0.05 U
2,4,6-Trichlorophenol	TCLP	mg/L	0.1 U	0.1 U	0.01 U	0.01 U	0.01 U	0.01 U
Herbicides								
2,4-Dichlorophenoxyacetic acid	TCLP	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Silvex	TCLP	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pesticides								
gamma-BHC (Lindane)	TCLP	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Chlordane	TCLP	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Endrin	TCLP	mg/L	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Heptachlor	TCLP	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Heptachlor epoxide	TCLP	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Methoxychlor	TCLP	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Toxaphene	TCLP	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Table B1-40. **Atterberg Limits, Carbonate, Specific Gravity, TOC, and Total Solids for Sediment in the Feasibility Study**

Station	Date	Depth (cm)	Duplicate	Sample Number	Carbonate (%-dw)	Liquid Limit (%-dw)	Plastic Limit (%-dw)	Total organic carbon (%-dw)	Total solids (%-ww)	Specific Gravity (g/cc-dw)
S302	8/12/2000	0 - 15		SF0048	69.6	32.4	29.6	5.55	37.9	2.54
S302	8/14/2000	15 - 30		SF0049	65.1	30.6	28.1	6.87	47	2.62
S302	7/22/2000	30 - 59		VC0009	57	35.2	28.8	5.75	54.3	2.61
S302	7/22/2000	59 - 159		VC0010	65	35.5	26.8	5.23	57.1	2.63
S302	7/22/2000	159 - 259		VC0011	63	39.9	30.5	7.17	54.3	2.65
S302	7/22/2000	259 - 359		VC0012	61	38.1	31.8	6.42	51.3	2.61
S302	7/22/2000	359 - 459		VC0013	63	38.8	31.5	9.14	52.7	2.59
S302	7/22/2000	459 - 559		VC0014	71	44.8	30	4.5	54	2.63
S302	7/22/2000	559 - 659		VC0015	73	42.4	34.7	6.16	56.9	2.63
S302	7/22/2000	659 - 761		VC0016	71	40.2	29.2	4.7	59.1	2.73
S309	8/14/2000	0 - 15		SF0062	59.2	34.9	30.2	11.4	39.6	2.45
S309	8/14/2000	15 - 30		SF0063	57.8	35.3	32.3	6.73	42.5	2.48
S309	7/20/2000	30 - 74		VC0087	59					
S309	7/20/2000	74 - 174		VC0065	59	36.3	33.7	4.29	45	2.54
S309	7/20/2000	174 - 274	D1	VC0066	61	40	35.4	5.74 J	33	2.56
S309	7/20/2000	174 - 274	D2	VC0192	61	39.9	36.7	3.88 J	32	2.62
S309	7/20/2000	274 - 374		VC0067	62	42	37.7	6.77	30	2.56
S309	7/20/2000	374 - 474		VC0068	61	42.9	36.1	1.23	30	2.57
S309	7/20/2000	474 - 578		VC0069	62	41.3	35.4	2.08	31	2.62
S309	7/20/2000	578 - 627		VC0070	61	40	36.9	7.92	35	2.48
S309	7/20/2000	627 - 674		VC0071	63	40.3	36.8	2.29	28	2.62
S309	7/20/2000	674 - 696		VC0072	63	39.1	31.6	1.75	35	2.54
S309	7/20/2000	696 - 730		VC0209	64	38.7	36.3	4.77	39	2.57
S309	7/20/2000	730 - 789		VC0210	69	44.8	43.5	3.45	33	2.05
S310	8/14/2000	0 - 15		SF0064	62.1	35.3	31.8	7.31	32.7	2.53
S310	8/14/2000	15 - 30		SF0065	61.5	34.7	32.8	6.54	35.3	2.57
S310	7/20/2000	30 - 100		VC0073	59	36.7	24.6	7.82	44	2.52
S310	7/20/2000	100 - 200		VC0074	59	37.7	32.8	6.62	33	2.58

Table B1-40. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Carbonate (%-dw)	Liquid Limit (%-dw)	Plastic Limit (%-dw)	Total organic carbon (%-dw)	Total solids (%-ww)	Specific Gravity (g/cc-dw)
S310	7/20/2000	200 - 300		VC0075	59	37.1	35.1	7.42	35	2.59
S310	7/20/2000	300 - 400	D1	VC0076	59	36.3	32.9	3.42 J	38	2.58
S310	7/20/2000	300 - 400	D2	VC0186	59	38.1	35.3	5.27 J	38	3.05
S310	7/20/2000	400 - 500		VC0077	59	37.7	35.9	2.8	34	2.59
S310	7/20/2000	500 - 600		VC0078	59	37.2	34.3	1.5	41	2.59
S310	7/20/2000	600 - 653		VC0079	58	35	33.8	4.85	42	2.43
S310	7/20/2000	653 - 724		VC0080	57	35.4	28.4	2.18	50	2.48
S311	7/20/2000	0 - 15		VC0207	59					
S311	7/20/2000	15 - 30		VC0208	59					
S311	7/20/2000	30 - 100		VC0081	60	39.5	36.1	4.07	37	2.58
S311	7/20/2000	100 - 200		VC0082	62	44.5	40.8	2.64	31	2.62
S311	7/20/2000	200 - 300		VC0083	62	43.8	40.4	2.79	33	2.59
S311	7/20/2000	300 - 400		VC0084	62	44	40.4	5.01	31	2.63
S311	7/20/2000	400 - 500		VC0085	62	44.9	42.7	6.55	28	2.6
S311	7/20/2000	500 - 600		VC0086	64	46.8	40.8	2.68	25	2.6
S312	8/14/2000	0 - 15		SF0068	56.9	31.2	29.3	6.09	43.5	2.57
S312	8/14/2000	15 - 30		SF0069	56.5	30.4	28.4	3.1	50.3	2.54
S312	7/20/2000	30 - 100		VC0089	60	39.3	35.8	7.95	42	2.58
S312	7/20/2000	100 - 200		VC0090	61	34.1	29.9	1.31	34	2.56
S312	7/20/2000	200 - 300	D1	VC0091	62	41.5	39.9	3.7	36	2.58
S312	7/20/2000	200 - 300	D2	VC0193	61	42.9	38.9	3.8	35	2.53
S312	7/20/2000	300 - 400		VC0092	61	41.9	38.7	5.69	35	2.56
S312	7/20/2000	400 - 500		VC0093	59	39.4	34.9	5.5	39	2.47
S312	7/20/2000	500 - 600		VC0094	59	38.5	34	5.88	41	2.52
S312	7/20/2000	600 - 700		VC0095	60	41	39.6	4.81	38	2.55
S314	8/10/2000	0 - 15		SF0072	56.5	0 J	0 J	15.4	45.7	2.35
S314	8/10/2000	15 - 30		SF0073	56.5	33.8 J	31.6 J	15.7	43.5	2.42
S314	7/19/2000	30 - 100	D1	VC0105	57	37.2	30	5.76 J	50	2.5

Table B1-40. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Carbonate (%-dw)	Liquid Limit (%-dw)	Plastic Limit (%-dw)	Total organic carbon (%-dw)	Total solids (%-ww)	Specific Gravity (g/cc-dw)
S314	7/19/2000	30 - 100	D2	VC0200	56	38.5	29.8	12.5 J	49	2.61
S314	7/19/2000	100 - 200		VC0106	57	34.9	29.6	3.23	52	2.58
S314	7/19/2000	200 - 300		VC0107	59	41.3	34.4	5.3	47	2.51
S314	7/19/2000	300 - 400		VC0108	64	39.3	33.6	7.02	52	2.52
S314	7/19/2000	400 - 500		VC0109	65	40.5	32.1	6.68	53	2.54
S314	7/19/2000	500 - 600		VC0110	66	38.9	33.2	6.46	53	2.6
S314	7/19/2000	600 - 700		VC0111	62	43	37.9	4.18	46	2.62
S314	7/19/2000	700 - 800		VC0112	65	40.5	35.4	7.08	50	2.66
S315	8/11/2000	0 - 15		SF0074	67.1	41.2	35.7	7.96	20.9	
S315	8/14/2000	15 - 30		SF0075	68.4	42.3	32.5	5.96	26	2.53
S315	7/19/2000	30 - 100		VC0113	67	47.1	33.8	6.68	36	2.48
S315	7/19/2000	100 - 200		VC0114	63	58	35	10.6	36	2.27
S315	7/19/2000	200 - 300		VC0115	60	49.8	36.8	7.57	42	2.46
S315	7/19/2000	300 - 400		VC0116	64	49.8	37.5	8.82	46	2.42
S315	7/19/2000	400 - 500		VC0117	72	47.9	30.1	7.68	49	2.47
S315	7/19/2000	500 - 600		VC0118	76	40	27.9	6.02	54	2.61
S315	7/19/2000	600 - 673		VC0119	81	40.5	27.3	3.71	57	2.66
S315	7/19/2000	673 - 767		VC0120	73	51	35.8	7.11	53	2.42
S338	8/3/2000	0 - 15		SF0121	63.7	40.4	37	9.69	34.6	2.47
S338	8/3/2000	15 - 30		SF0122	63.5	40.6	35.1	8.39	37	2.47
S338	8/3/2000	30 - 130		SB0029	62.4	37.5	31	10.8	40.8	2.43
S338	8/3/2000	130 - 200		SB0030	60.3	38.1	36.3	7.1	39.2	2.56
S339	8/3/2000	0 - 15		SF0124	64.3	32.8	30.4	12.3	52.1	2.54
S339	8/3/2000	15 - 30		SF0125	63	37.4	32.5	12.7	47.3	2.53
S339	8/3/2000	30 - 100		SB0031	59.6	36.8	29.2	9.81	53.5	2.47
S339	8/3/2000	100 - 168		SB0032	60.3	35	30.3	6.69	51.7	2.53
S339	8/3/2000	168 - 200		SF0123_E	63	37.5	31	4.93	47.3	2.56
S340	8/3/2000	0 - 15		SF0126	58.2	35.1	32.6	10.2	56.5	2.55

Table B1-40. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Carbonate (%-dw)	Liquid Limit (%-dw)	Plastic Limit (%-dw)	Total organic carbon (%-dw)	Total solids (%-ww)	Specific Gravity (g/cc-dw)
S340	8/3/2000	15 - 30		SF0127	59.8	37.5	34.1	6.84	46.9	2.58
S340	8/3/2000	30 - 100		SB0033	64.8	36.9	35.5	6.66	46	2.54
S340	8/3/2000	100 - 200		SB0034	64.9	40.3	36.3	4.57	40.9	2.52
S340	8/15/2000	0 - 2	D1	SF0123	58 J	36.4 J	34 J	10.1 J	46 J	2.61 J
S340	8/15/2000	0 - 2	D2	SF0123_R	59.8 J	32.2 J	28.6 J	7.7 J	50.3 J	2.62 J
S341	8/4/2000	0 - 15		SF0128	66.2	29.5	27.4	5.3	55	2.58
S341	8/4/2000	15 - 30		SF0129	71.9	47.2	44.3	2.39	38.9	2.71
S341	8/4/2000	30 - 85		SB0063	60.3	34.4	32.8	7.3	51.6	2.57
S341	8/4/2000	85 - 160		SB0064	57.6	33.6	31	9.06	54.1	2.53
S341	8/4/2000	160 - 200		SF0119	57.2	38.6	35.7	7.83	55	2.53
S342	8/10/2000	0 - 15		SF0130_T	58.9	39.8	36.9 J	3.6	28.8	2.53
S342	7/27/2000	15 - 30		SF0131	49.3	34.9	34.4	4.32	53	2.59
S342	7/27/2000	30 - 100		SB0037	55.9	38.7	33	6.17	51.8	2.5
S342	7/27/2000	100 - 200		SB0038	52.8	42.2 J	33.3	4.47	48.1	2.56
S343	8/4/2000	0 - 15		SF0132	58.4	28.5	25.5	2.66	56.3	2.53
S343	8/4/2000	15 - 30		SF0133	60.5	31.9	27.5	2.18	54.6	2.57
S343	8/4/2000	30 - 100	D1	SB0039	66.6	48.6	45	4.12 J	45.5	2.54
S343	8/4/2000	30 - 100	D2	SF0167	66.8	42.9	40.7	2.7 J	46	2.55
S343	8/4/2000	100 - 200		SB0040	68.3	46.5	41	3.72	37.6	2.54
S344	7/27/2000	15 - 30		SF0112	56.3	33.4	29.1	4.13	54.4	2.56
S344	7/27/2000	30 - 100	D1	SB0019	56.8	36.1	33	4.67	47.7	2.59
S344	7/27/2000	30 - 100	D2	SB0070	58.9	37.5	32.5	5.96	50.1	2.57
S344	7/27/2000	100 - 200		SB0020	54	39.4	35.9	6.54	46.3	2.61
S346	8/4/2000	0 - 15		SF0138	61.8	26.1	24.7	4.36	64.7	2.63
S346	8/4/2000	15 - 30		SF0139	58.7	30.4	30.1	5.9	58.7	2.6
S346	8/4/2000	30 - 160		SB0045	60.6	36.5	35.3	3.41	48.2	2.56
S346	8/4/2000	160 - 200		SB0046	56.8	0	0	14.6	54.1	2.34
S347	8/4/2000	0 - 15		SF0140	63.4	0	0	6.71	52.6	2.45

Table B1-40. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Carbonate (%-dw)	Liquid Limit (%-dw)	Plastic Limit (%-dw)	Total organic carbon (%-dw)	Total solids (%-ww)	Specific Gravity (g/cc-dw)
S347	8/4/2000	15 - 30		SF0141	66.4	0	0	5.21	43.6	2.4
S347	8/4/2000	30 - 100		SB0047	62.8	0	0	5.32	40.2	2.4
S347	8/4/2000	100 - 200		SB0048	61.3	44.5	41.4	7.19	38.8	2.57
S348	8/5/2000	0 - 15		SF0142	60.2	40.3	35.2	4.89	36.1	2.55
S348	8/5/2000	15 - 30		SF0143	59.1	36.6	33.6	6.23	40	2.58
S348	8/5/2000	30 - 110		SB0049	62.3	46.3	36	6.81	31.4	2.57
S348	8/5/2000	110 - 200		SB0050	59.4	33.8	30.6	8.75	50	2.59
S350	8/5/2000	0 - 15		SF0146	60.1	38.2	33.5	2.79	36.8	2.68
S350	8/5/2000	15 - 30		SF0147	59.5	33.6	31.2	6.97	42	2.61
S350	8/5/2000	30 - 92		SB0053	61.4	40.6	32.8	5.75	38.4	2.63
S350	8/5/2000	92 - 200	D1	SB0054	64.4	32.2	28.3	7.68	46.9	2.56
S350	8/5/2000	92 - 200	D2	SB0067	65	34.1	30.2	7.74	47.2	2.55
S351	8/5/2000	0 - 15		SF0149	64	0	0	10.5	62.2	2.45
S351	8/5/2000	15 - 30		SF0150	68.2	0	0	7.47	60.6	2.52
S351	8/5/2000	30 - 100		SB0055	64.6	26.5	26.4	10.5	59	2.54
S351	8/5/2000	100 - 200		SB0056	63.1	34.3	31	9.71	52.5	2.5
S351	8/15/2000	0 - 2		SF0173	62	38	35	11.2	41	2.49
S352	8/10/2000	0 - 15		SF0151	67.9	0 J	0 J	8.8	52.8	2.5
S352	8/10/2000	15 - 30		SF0152	63.2	29.7 J	27.7 J	8.09	53.9	2.57
S352	8/10/2000	30 - 100		SB0057	67.9	26.1 J	24.1 J	8.3	58.1	2.59
S352	8/10/2000	100 - 200		SB0058	61.2	0 J	0 J	9.68	53	2.67

Table B1-41. Grain Size of Sediments for the Feasibility Study

Station	Date	Depth (cm)	Duplicate	Sample Number	Particles <0.001 mm (%-dw)	Particles <0.005 mm (%-dw)	Particles <0.074 mm (sieve #200) (%-dw)	Particles <0.075 mm (%-dw)	Particles <0.106 mm (%-dw)	Particles <0.250 mm (sieve #60) (%-dw)	Particles <0.425 mm (%-dw)
S302	8/14/2000	15 - 30		SF0049	7.5	27.2	97.5	97.6	99.2	99.8	99.9
S302	7/22/2000	30 - 59		VC0009	0.9	31.5	94.4	94.5	95.4	99.6	99.9
S302	7/22/2000	59 - 159		VC0010	5.7	42.3	99.3	99.3	99.5	99.8	99.8
S302	7/22/2000	159 - 259		VC0011	9.6	34.4	98.5	98.6	98.9	99.7	99.7
S302	7/22/2000	259 - 359		VC0012	5.2	20.5	99	99.1	99.5	99.7	99.8
S302	7/22/2000	359 - 459		VC0013	4.3	40.8	98.4	98.5	99.2	99.9	99.9
S302	7/22/2000	459 - 559		VC0014	12.9	45.5	98.4	98.6	99.3	99.7	99.8
S302	7/22/2000	559 - 659		VC0015	0	48.3	98.7	98.9	99.2	99.5	99.6
S302	7/22/2000	659 - 761		VC0016	19	51.2	98.2	98.4	98.9	99.1	99.2
S309	8/14/2000	0 - 15		SF0062	9.7	24.6	72.9	72.5	76.9	90.1	95.8
S309	8/14/2000	15 - 30		SF0063	4.1	17.3	92.9	93	94.5	98.1	99
S309	7/20/2000	74 - 174		VC0065	2.5	25	92.9	92.9	94.3	96.6	97.5
S309	7/20/2000	174 - 274	D1	VC0066	5.9	37.8	93.4	93.4	95.1	98.1	99
S309	7/20/2000	174 - 274	D2	VC0192	1.4	42	93.3	93.3	94.8	97.7	98.6
S309	7/20/2000	274 - 374		VC0067	7.5	21.1	94.9	94.9	96.3	98.6	99.3
S309	7/20/2000	374 - 474		VC0068	0.4	22.1	97.9	97.9	98.7	99.5	99.7
S309	7/20/2000	474 - 578		VC0069	0.9	31.5	95.8	95.9	97.1	98.8	99.3
S309	7/20/2000	578 - 627		VC0070	3.7	41	95.3	95.4	96.6	98.4	99
S309	7/20/2000	627 - 674		VC0071	3.5	59.8	95.7	95.7	96.4	98.2	99.2
S309	7/20/2000	674 - 696		VC0072	4	53	95.4	95.4	96.2	97.7	98.5
S309	7/20/2000	696 - 730		VC0209	8.2	36.7	94.4	94.4	95.1	96.6	97.7
S309	7/20/2000	730 - 789		VC0210	1.4	24.8	82	82	85.2	92.2	94.8
S310	8/14/2000	0 - 15		SF0064	9.4	31.8	90.9	90.7	94.4	99.2	99.7
S310	8/14/2000	15 - 30		SF0065	8.9	23	94.8	94.8	96.2	99.1	99.7
S310	7/20/2000	30 - 100		VC0073	2.4	27.9	97.2	97.2	97.8	98.7	98.9
S310	7/20/2000	100 - 200		VC0074	2.5	26.6	98.7	98.8	99.2	99.5	99.6
S310	7/20/2000	200 - 300		VC0075	5.5	25.4	96.2	96.3	97.2	98.7	99.2

Table B1-41. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Particles <0.001 mm (%-dw)	Particles <0.005 mm (%-dw)	Particles <0.074 mm (sieve #200) (%-dw)	Particles <0.075 mm (%-dw)	Particles <0.106 mm (%-dw)	Particles <0.250 mm (sieve #60) (%-dw)	Particles <0.425 mm (%-dw)
S310	7/20/2000	300 - 400	D1	VC0076	2.6	27.2	96.3	96.4	97.2	98.2	98.7
S310	7/20/2000	300 - 400	D2	VC0186	5.2	33	97.5	97.7	98.3	98.9	99.2
S310	7/20/2000	400 - 500		VC0077	1.8	31	98	98.1	98.8	99.5	99.7
S310	7/20/2000	500 - 600		VC0078	1.5	23.2	97	97.1	97.9	99.1	99.5
S310	7/20/2000	600 - 653		VC0079	2.3	22.3	97.3	97.3	98.2	99.5	99.7
S310	7/20/2000	653 - 724		VC0080	3.5	32.8	98.9	99	99.4	99.7	99.7
S311	7/20/2000	30 - 100		VC0081	0.5	25	94.8	94.8	96.1	98.1	99
S311	7/20/2000	100 - 200		VC0082	6.4	24.9	92.8	92.9	95.4	98.6	99.3
S311	7/20/2000	200 - 300		VC0083	3.3	24.6	86.4	86.6	91.4	98.9	99.6
S311	7/20/2000	300 - 400		VC0084	3.4	22.1	93.7	93.8	96.8	99.8	99.9
S311	7/20/2000	400 - 500		VC0085	4.5	30.7	93.5	93.5	96	98.8	99.3
S311	7/20/2000	500 - 600		VC0086	5.7	36.7	97.6	97.6	98.4	99.4	99.7
S312	8/14/2000	0 - 15		SF0068	2.1	11.2	95.1	95.1	96.3	98.2	98.9
S312	8/14/2000	15 - 30		SF0069	0	12.1	98.2	98.3	98.9	99.7	99.9
S312	7/20/2000	30 - 100		VC0089	7.5	31.7	94.4	94.5	96	98	98.8
S312	7/20/2000	100 - 200		VC0090	2.3	25.5	95	95.1	96.7	99	99.6
S312	7/20/2000	200 - 300	D1	VC0091	4.4	27.8	91.4	91.5	94	97.5	98.7
S312	7/20/2000	200 - 300	D2	VC0193	2.6	20.5	92.1	92.6	94.7	97.7	98.6
S312	7/20/2000	300 - 400		VC0092	5.6	32.6	94.3	94.2	95.7	98.2	99.1
S312	7/20/2000	400 - 500		VC0093	4.3	32.1	97.9	97.9	98.6	99.5	99.8
S312	7/20/2000	500 - 600		VC0094	2.2	25.5	98.5	98.6	99.1	99.5	99.6
S312	7/20/2000	600 - 700		VC0095	3.3	24.7	93.8	93.8	95.3	98	99.1

Table B1-41. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Particles <0.001 mm (%-dw)	Particles <0.005 mm (%-dw)	Particles <0.074 mm (sieve #200) (%-dw)	Particles <0.075 mm (%-dw)	Particles <0.106 mm (%-dw)	Particles <0.250 mm (sieve #60) (%-dw)	Particles <0.425 mm (%-dw)
S314	8/10/2000	0 - 15		SF0072	1.9	21.3	79.6	79.7	84.9	94.4	97.2
S314	8/10/2000	15 - 30		SF0073	3	30.7	95.4	95.5	97.3	99.6	99.8
S314	7/19/2000	30 - 100	D1	VC0105	5.5	31.7	97	97	97.9	99.2	99.6
S314	7/19/2000	30 - 100	D2	VC0200	20.3	49.7	98.5	98.6	99.1	99.4	99.5
S314	7/19/2000	100 - 200		VC0106	7.4	26.9	97.9	98	98.9	99.8	99.9
S314	7/19/2000	200 - 300		VC0107	3.3	27.7	96.1	96.1	96.6	98	99.1
S314	7/19/2000	300 - 400		VC0108	3.5	31.7	97.2	97.2	98.4	99.5	99.7
S314	7/19/2000	400 - 500		VC0109	7.8	38.5	95.9	96	97.9	99.5	99.8
S314	7/19/2000	500 - 600		VC0110	10.1	40.6	97.3	97.4	98.6	99.5	99.7
S314	7/19/2000	600 - 700		VC0111	6.1	37.9	98.3	98.5	99.1	99.9	99.9
S314	7/19/2000	700 - 800		VC0112	11.2	41.2	96.7	96.8	98.2	99.6	99.8
S315	8/11/2000	0 - 15		SF0074				17.2	30.4	60.3	77.1
S315	8/14/2000	15 - 30		SF0075	4.6	25.3	98.1	98.2	99.1	99.8	99.9
S315	7/19/2000	30 - 100		VC0113	12.9	31.8	97.9	98	98.8	99.6	99.8
S315	7/19/2000	100 - 200		VC0114	13.8	32.8	93.3	93.3	94.5	96	98
S315	7/19/2000	200 - 300		VC0115	7.7	31.4	96.1	96.1	97.2	98.8	99.5
S315	7/19/2000	300 - 400		VC0116	13.2	39.8	98.7	98.8	99.4	99.7	99.8
S315	7/19/2000	400 - 500		VC0117	18	45.1	92.5	92.6	94.1	98.7	99.1
S315	7/19/2000	500 - 600		VC0118	19	48.3	96.1	96.3	98.3	99.4	99.5
S315	7/19/2000	600 - 673		VC0119	21.8	43.7	93.2	93.4	96.4	99.2	99.4
S315	7/19/2000	673 - 767		VC0120	9.9	31.5	97.1	97.2	98.3	99.4	99.6
S338	8/3/2000	0 - 15		SF0121	22.1	32	93.6	93.5	95.4	98.5	99.4
S338	8/3/2000	30 - 130		SB0029	7.6	18.2	93.6	93.8	95.6	98.1	98.7
S338	8/3/2000	130 - 200		SB0030	11.4	26.9	97.1	97	97.9	99.5	99.8
S339	8/3/2000	0 - 15		SF0124	2.8	7.1	77.4	78.1	81.1	88	92.1
S339	8/3/2000	15 - 30		SF0125	6.1	10.1	84.9	85	87.8	93	95.3
S339	8/3/2000	30 - 100		SB0031	9.4	18.4	93.2	93.3	95.3	98.4	99.2
S339	8/3/2000	100 - 168		SB0032	10.6	25.9	96.9	96.9	97.9	99.4	99.7

Table B1-41. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Particles <0.001 mm (%-dw)	Particles <0.005 mm (%-dw)	Particles <0.074 mm (sieve #200) (%-dw)	Particles <0.075 mm (%-dw)	Particles <0.106 mm (%-dw)	Particles <0.250 mm (sieve #60) (%-dw)	Particles <0.425 mm (%-dw)
S339	8/3/2000	168 - 200		SF0123_E	10.5	27.3	94.6	94.7	96.7	98.6	99.1
S340	8/15/2000	0 - 2	D1	SF0123	5.8 J	7.7 J	61.8 J	62.4 J	62.8 J	63 J	63.1 J
S340	8/15/2000	0 - 2	D2	SF0123_R	4.3 J	10.8 J	57.4 J	57 J	58.3 J	63.5 J	69.4 J
S340	8/3/2000	0 - 15		SF0126	13.9	20.9	64.4	64.3	67.3	80.5	88.5
S340	8/3/2000	15 - 30		SF0127	6.4	26	87.4	87.4	89.4	94	96.3
S340	8/3/2000	30 - 100		SB0033	8.2	28.6	66.4	66.4	70.3	79.7	87.4
S340	8/3/2000	100 - 200		SB0034	7.3	13.3	81.2	81.3	85.7	94.2	96.9
S341	8/4/2000	0 - 15		SF0128	3.9	10	52.2	52.2	53.5	62.2	75.3
S341	8/4/2000	15 - 30		SF0129	0.2	10.1	53.8	53.9	57.7	67.7	72
S341	8/4/2000	30 - 85		SB0063	3.2	17.1	88.5	88.6	90.4	93.3	94.5
S341	8/4/2000	85 - 160		SB0064	4.2	25.6	95	95.2	96.8	98.2	98.5
S341	8/4/2000	160 - 200		SF0119	4.4	33.3	96.7	96.7	97.7	98.9	99.2
S342	8/10/2000	0 - 15		SF0130_T	0	4.4	81.9	81.7	82.4	85.2	90.6
S342	7/27/2000	15 - 30		SF0131	7.1	27.4	92	92.1	94.2	97.9	98.8
S342	7/27/2000	30 - 100		SB0037	4	27.2	95.7	95.7	96.8	98.7	99.1
S342	7/27/2000	100 - 200		SB0038	4.4	33	97.8	97.8	98.4	99.2	99.5
S343	8/4/2000	0 - 15		SF0132	3.1	16.8	72.9	73	74.8	82.4	90
S343	8/4/2000	15 - 30		SF0133	3	19.9	83.8	83.8	85.4	93	96.6
S343	8/4/2000	30 - 100	D1	SB0039	0	10.6	49.7	49.8	57.6	75.5	80.3
S343	8/4/2000	30 - 100	D2	SF0167	0	10.4	54	54.2	62.6	81.5	87.3
S343	8/4/2000	100 - 200		SB0040	0	13.3	47	47.1	51.6	67	76
S344	7/27/2000	15 - 30		SF0112	5	25.9	99.2	99.4	99.6	99.8	99.8
S344	7/27/2000	30 - 100	D1	SB0019	5.1	25.4	93.1	93.2	94.5	98.1	98.9
S344	7/27/2000	30 - 100	D2	SB0070	5.3	24.6	94	94	95.3	98.4	99.2
S344	7/27/2000	100 - 200		SB0020	4.5	27.1	97.8	97.8	98.6	99.4	99.6
S346	8/4/2000	0 - 15		SF0138	3.8	12.3	65	65	65.8	69.4	71.3
S346	8/4/2000	15 - 30		SF0139	3.8	17.7	85.1	85	87.4	92.6	93.7
S346	8/4/2000	30 - 160		SB0045	1.6	22.5	87.4	87.5	90.5	96.6	98.1

Table B1-41. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Particles <0.001 mm (%-dw)	Particles <0.005 mm (%-dw)	Particles <0.074 mm (sieve #200) (%-dw)	Particles <0.075 mm (%-dw)	Particles <0.106 mm (%-dw)	Particles <0.250 mm (sieve #60) (%-dw)	Particles <0.425 mm (%-dw)
S346	8/4/2000	160 - 200		SB0046	2.1	17.3	64.1	64.3	71.5	86.2	89.9
S347	8/4/2000	0 - 15		SF0140	3.9	13.7	43.8	43.9	46.8	56.4	70.1
S347	8/4/2000	15 - 30		SF0141	3.2	9.3	38.7	38.6	42.3	55.5	65.8
S347	8/4/2000	30 - 100		SB0047	1.9	16.7	66	66	68.8	75.4	78.7
S347	8/4/2000	100 - 200		SB0048	4.6	19.7	77.5	77.6	80.7	89.3	92.7
S348	8/5/2000	0 - 15		SF0142	5.6	30.1	92.7	92.6	93.8	97	98
S348	8/5/2000	15 - 30		SF0143	4.4	25.3	96.3	96.3	97.3	99.1	99.6
S348	8/5/2000	30 - 110		SB0049	6.3	20.3	80.2	80.1	82.3	90.8	93.8
S348	8/5/2000	110 - 200		SB0050	7.8	30.7	97.3	97.3	97.7	98.2	98.6
S350	8/5/2000	0 - 15		SF0146	6.1	32.1	90.3	89.9	91.3	94.9	96.7
S350	8/5/2000	15 - 30		SF0147	7.5	23.3	93.3	93.3	94.6	97.7	98.9
S350	8/5/2000	30 - 92		SB0053	4.5	21.8	94.8	94.7	95.9	98.1	99
S350	8/5/2000	92 - 200	D1	SB0054	6.3	10.3	88	88	90.2	96.2	98.5
S350	8/5/2000	92 - 200	D2	SB0067	7.6	18.5	88.4	88.5	90.6	96.5	99
S351	8/15/2000	0 - 2		SF0173	9.5	22.6	87.6	87.6	90.9	96.5	97.8
S351	8/5/2000	0 - 15		SF0149	3.9	10.7	43.6	43.7	46.3	54.1	60.7
S351	8/5/2000	15 - 30		SF0150	3.5	4.6	17.2	17.2	18.1	23.6	32
S351	8/5/2000	30 - 100		SB0055	5.3	7	63.9	64	66.7	70.3	71.2
S351	8/5/2000	100 - 200		SB0056	9.7	11.2	72.1	71.4	73.2	76.6	82.1
S352	8/10/2000	0 - 15		SF0151	5.2	15.8	59.7	59.9	64.6	80.9	87.2
S352	8/10/2000	15 - 30		SF0152	8.2	26.4	97.7	97.8	98.4	99.2	99.4
S352	8/10/2000	30 - 100		SB0057	5	7.3	73.3	73.5	80.6	96.1	98.9
S352	8/10/2000	100 - 200		SB0058	9.8	14.8	47.5	47.8	60.6	88.8	97.9

Table B1-41. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Particles <0.85 mm (%-dw)	Particles <2.00 mm (sieve #10) (%-dw)	Particles <4.75 mm (sieve #4) (%-dw)	Particles <9.50 mm (%-dw)	Particles <19.0 mm (%-dw)
S302	8/14/2000	15 - 30		SF0049	100	100	100	100	100
S302	7/22/2000	30 - 59		VC0009	100	100	100	100	100
S302	7/22/2000	59 - 159		VC0010	99.8	100	100	100	100
S302	7/22/2000	159 - 259		VC0011	99.8	100	100	100	100
S302	7/22/2000	259 - 359		VC0012	99.8	100	100	100	100
S302	7/22/2000	359 - 459		VC0013	100	100	100	100	100
S302	7/22/2000	459 - 559		VC0014	99.8	100	100	100	100
S302	7/22/2000	559 - 659		VC0015	99.7	100	100	100	100
S302	7/22/2000	659 - 761		VC0016	99.3	100	100	100	100
S309	8/14/2000	0 - 15		SF0062	98.7	99.7	99.9	99.9	100
S309	8/14/2000	15 - 30		SF0063	99.7	100	100	100	100
S309	7/20/2000	74 - 174		VC0065	98.8	100	100	100	100
S309	7/20/2000	174 - 274	D1	VC0066	99.5	100	100	100	100
S309	7/20/2000	174 - 274	D2	VC0192	99.1	100	100	100	100
S309	7/20/2000	274 - 374		VC0067	99.6	100	100	100	100
S309	7/20/2000	374 - 474		VC0068	99.7	100	100	100	100
S309	7/20/2000	474 - 578		VC0069	99.7	100	100	100	100
S309	7/20/2000	578 - 627		VC0070	99.5	100	100	100	100
S309	7/20/2000	627 - 674		VC0071	99.7	100	100	100	100
S309	7/20/2000	674 - 696		VC0072	99.2	100	100	100	100
S309	7/20/2000	696 - 730		VC0209	98.8	100	100	100	100
S309	7/20/2000	730 - 789		VC0210	97.4	100	100	100	100
S310	8/14/2000	0 - 15		SF0064	99.9	100	100	100	100
S310	8/14/2000	15 - 30		SF0065	99.9	100	100	100	100
S310	7/20/2000	30 - 100		VC0073	99.1	100	100	100	100
S310	7/20/2000	100 - 200		VC0074	99.7	100	100	100	100
S310	7/20/2000	200 - 300		VC0075	99.6	100	100	100	100

Table B1-41. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Particles <0.85 mm (%-dw)	Particles <2.00 mm (sieve #10) (%-dw)	Particles <4.75 mm (sieve #4) (%-dw)	Particles <9.50 mm (%-dw)	Particles <19.0 mm (%-dw)
S310	7/20/2000	300 - 400	D1	VC0076	99.3	100	100	100	100
S310	7/20/2000	300 - 400	D2	VC0186	99.6	100	100	100	100
S310	7/20/2000	400 - 500		VC0077	99.8	100	100	100	100
S310	7/20/2000	500 - 600		VC0078	99.7	100	100	100	100
S310	7/20/2000	600 - 653		VC0079	99.8	100	100	100	100
S310	7/20/2000	653 - 724		VC0080	99.8	100	100	100	100
S311	7/20/2000	30 - 100		VC0081	99.4	100	100	100	100
S311	7/20/2000	100 - 200		VC0082	99.7	100	100	100	100
S311	7/20/2000	200 - 300		VC0083	99.8	100	100	100	100
S311	7/20/2000	300 - 400		VC0084	100	100	100	100	100
S311	7/20/2000	400 - 500		VC0085	99.7	100	100	100	100
S311	7/20/2000	500 - 600		VC0086	99.9	100	100	100	100
S312	8/14/2000	0 - 15		SF0068	99.6	100	100	100	100
S312	8/14/2000	15 - 30		SF0069	100	100	100	100	100
S312	7/20/2000	30 - 100		VC0089	99.4	100	100	100	100
S312	7/20/2000	100 - 200		VC0090	99.9	100	100	100	100
S312	7/20/2000	200 - 300	D1	VC0091	99.5	100	100	100	100
S312	7/20/2000	200 - 300	D2	VC0193	99.4	100	100	100	100
S312	7/20/2000	300 - 400		VC0092	99.6	100	100	100	100
S312	7/20/2000	400 - 500		VC0093	99.8	100	100	100	100
S312	7/20/2000	500 - 600		VC0094	99.7	100	100	100	100
S312	7/20/2000	600 - 700		VC0095	99.6	100	100	100	100

Table B1-41. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Particles <0.85 mm (%-dw)	Particles <2.00 mm (sieve #10) (%-dw)	Particles <4.75 mm (sieve #4) (%-dw)	Particles <9.50 mm (%-dw)	Particles <19.0 mm (%-dw)
S314	8/10/2000	0 - 15		SF0072	98.8	99.3	99.8	99.9	99.9
S314	8/10/2000	15 - 30		SF0073	99.9	100	100	100	100
S314	7/19/2000	30 - 100	D1	VC0105	99.8	100	100	100	100
S314	7/19/2000	30 - 100	D2	VC0200	99.6	100	100	100	100
S314	7/19/2000	100 - 200		VC0106	100	100	100	100	100
S314	7/19/2000	200 - 300		VC0107	99.5	100	100	100	100
S314	7/19/2000	300 - 400		VC0108	99.9	100	100	100	100
S314	7/19/2000	400 - 500		VC0109	99.9	100	100	100	100
S314	7/19/2000	500 - 600		VC0110	99.9	100	100	100	100
S314	7/19/2000	600 - 700		VC0111	100	100	100	100	100
S314	7/19/2000	700 - 800		VC0112	100	100	100	100	100
S315	8/11/2000	0 - 15		SF0074	88.7	100	100	100	100
S315	8/14/2000	15 - 30		SF0075	100	100	100	100	100
S315	7/19/2000	30 - 100		VC0113	99.9	100	100	100	100
S315	7/19/2000	100 - 200		VC0114	98.6	100	100	100	100
S315	7/19/2000	200 - 300		VC0115	99.8	100	100	100	100
S315	7/19/2000	300 - 400		VC0116	99.8	100	100	100	100
S315	7/19/2000	400 - 500		VC0117	99.3	100	100	100	100
S315	7/19/2000	500 - 600		VC0118	99.6	100	100	100	100
S315	7/19/2000	600 - 673		VC0119	99.5	100	100	100	100
S315	7/19/2000	673 - 767		VC0120	99.7	100	100	100	100
S338	8/3/2000	0 - 15		SF0121	100	100	100	100	100
S338	8/3/2000	30 - 130		SB0029	99.3	100	100	100	100
S338	8/3/2000	130 - 200		SB0030	99.9	100	100	100	100
S339	8/3/2000	0 - 15		SF0124	96.3	100	100	100	100
S339	8/3/2000	15 - 30		SF0125	97.9	100	100	100	100
S339	8/3/2000	30 - 100		SB0031	99.7	100	100	100	100
S339	8/3/2000	100 - 168		SB0032	99.8	100	100	100	100

Table B1-41. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Particles <0.85 mm (%-dw)	Particles <2.00 mm (sieve #10) (%-dw)	Particles <4.75 mm (sieve #4) (%-dw)	Particles <9.50 mm (%-dw)	Particles <19.0 mm (%-dw)
S339	8/3/2000	168 - 200		SF0123_E	99.6	99.8	100	100	100
S340	8/15/2000	0 - 2	D1	SF0123	63.2 J	63.2 J	64 J	64.8 J	64.9 J
S340	8/15/2000	0 - 2	D2	SF0123_R	73.1 J	76.6 J	79.3 J	82.9 J	88.7 J
S340	8/3/2000	0 - 15		SF0126	94.2	100	100	100	100
S340	8/3/2000	15 - 30		SF0127	98.7	100	100	100	100
S340	8/3/2000	30 - 100		SB0033	95.8	100	100	100	100
S340	8/3/2000	100 - 200		SB0034	99.2	100	100	100	100
S341	8/4/2000	0 - 15		SF0128	85.7	89.5	96.4	99.5	100
S341	8/4/2000	15 - 30		SF0129	76.4	85.1	98.5	100	100
S341	8/4/2000	30 - 85		SB0063	96.2	99	100	100	100
S341	8/4/2000	85 - 160		SB0064	98.7	99.2	99.7	100	100
S341	8/4/2000	160 - 200		SF0119	99.4	99.7	100	100	100
S342	8/10/2000	0 - 15		SF0130_T	93.4	96.7	96.9	99.5	99.9
S342	7/27/2000	15 - 30		SF0131	99.4	100	100	100	100
S342	7/27/2000	30 - 100		SB0037	99.5	100	100	100	100
S342	7/27/2000	100 - 200		SB0038	99.7	100	100	100	100
S343	8/4/2000	0 - 15		SF0132	94.5	96.8	99.7	100	100
S343	8/4/2000	15 - 30		SF0133	98.2	99.4	99.8	100	100
S343	8/4/2000	30 - 100	D1	SB0039	84.6	91.3	97.9	98.6	100
S343	8/4/2000	30 - 100	D2	SF0167	92.9	99.6	100	100	100
S343	8/4/2000	100 - 200		SB0040	84	91.5	95	98.3	100
S344	7/27/2000	15 - 30		SF0112	99.9	100	100	100	100
S344	7/27/2000	30 - 100	D1	SB0019	99.4	100	100	100	100
S344	7/27/2000	30 - 100	D2	SB0070	99.6	100	100	100	100
S344	7/27/2000	100 - 200		SB0020	99.7	100	100	100	100
S346	8/4/2000	0 - 15		SF0138	75.2	80.2	89.1	96.2	97
S346	8/4/2000	15 - 30		SF0139	94.9	96.9	99.6	99.9	100
S346	8/4/2000	30 - 160		SB0045	99.1	99.7	99.9	99.9	100

Table B1-41. (cont.)

Station	Date	Depth (cm)	Duplicate	Sample Number	Particles <0.85 mm (%-dw)	Particles <2.00 mm (sieve #10) (%-dw)	Particles <4.75 mm (sieve #4) (%-dw)	Particles <9.50 mm (%-dw)	Particles <19.0 mm (%-dw)
S346	8/4/2000	160 - 200		SB0046	92.4	95.7	99.2	100	100
S347	8/4/2000	0 - 15		SF0140	86.2	91.7	97.8	99.9	100
S347	8/4/2000	15 - 30		SF0141	75.1	84.7	94.6	99.5	100
S347	8/4/2000	30 - 100		SB0047	82.2	85.1	90.8	96.1	100
S347	8/4/2000	100 - 200		SB0048	95.7	98.6	99.7	99.7	100
S348	8/5/2000	0 - 15		SF0142	98.8	100	100	100	100
S348	8/5/2000	15 - 30		SF0143	99.8	100	100	100	100
S348	8/5/2000	30 - 110		SB0049	97.4	100	100	100	100
S348	8/5/2000	110 - 200		SB0050	99.2	100	100	100	100
S350	8/5/2000	0 - 15		SF0146	98.4	99.5	99.5	100	100
S350	8/5/2000	15 - 30		SF0147	99.4	100	100	100	100
S350	8/5/2000	30 - 92		SB0053	99.7	100	100	100	100
S350	8/5/2000	92 - 200	D1	SB0054	99.5	99.7	100	100	100
S350	8/5/2000	92 - 200	D2	SB0067	99.7	100	100	100	100
S351	8/15/2000	0 - 2		SF0173	98.2	98.3	100	100	100
S351	8/5/2000	0 - 15		SF0149	67.3	72.3	78.3	85.1	100
S351	8/5/2000	15 - 30		SF0150	42.5	48.1	67.4	87.3	94.1
S351	8/5/2000	30 - 100		SB0055	72	72.3	86.4	100	100
S351	8/5/2000	100 - 200		SB0056	89.9	100	100	100	100
S352	8/10/2000	0 - 15		SF0151	93.2	96.5	98.9	100	100
S352	8/10/2000	15 - 30		SF0152	99.6	99.8	100	100	100
S352	8/10/2000	30 - 100		SB0057	99.8	100	100	100	100
S352	8/10/2000	100 - 200		SB0058	99.8	100	100	100	100

Table B1-42. TCL Pesticides in Fish Tissue

Station	Date	Species	Type	Sample Number	alpha-BHC µg/kg-ww	beta-BHC µg/kg-ww	gamma-BHC (Lindane) µg/kg-ww	delta-BHC µg/kg-ww	Heptachlor µg/kg-ww	Aldrin µg/kg-ww	Heptachlor epoxide µg/kg-ww
Lake - MNMC	9/22/2000	Catfish	Whole Body	WB0007	10 U	10 U	10 U	15 U	10 U	10 U	18 U
Lake - MNMC	9/22/2000	Catfish	Whole Body	WB0008	10 U	10 U	10 U	18 U	10 U	10 U	31 U
Lake - MNMC	9/19/2000	Carp	Whole Body	WB0013	10 U	10 U	10 U	10 U	10 U	10 U	21 U
Lake - MNMC	9/19/2000	Carp	Whole Body	WB0014	1 U	1 U	1.1	1.7 U	1 U	1.5 U	9 U
Lake - MNMC	9/19/2000	Smallmouth Bass	Whole Body	WB0019	10 U	10 U	10 U	16 U	10 U	10 U	22 U
Lake - MNMC	9/19/2000	Smallmouth Bass	Whole Body	WB0020	1 U	1 U	1.7	2 U	1 U	1 U	9.5 U
Lake - MNMC	9/22/2000	Catfish	Remains	WB0036	10 U	10 U	10 U	10 U	10 U	10 U	50 U
Lake - MNMC	9/22/2000	Catfish	Fillet	WB0036F	1 U	1 U	1 U	1 U	1 U	1 U	20 U
Lake - MNMC	9/22/2000	Catfish	Remains	WB0037	10 U	10 U	10 U	10 U	10 U	10 U	27 U
Lake - MNMC	9/22/2000	Catfish	Fillet	WB0037F	10 U	10 U	10 U	10 U	10 U	10 U	10 U
NMC	9/19/2000	Carp	Remains	WB0041	10 U	10 U	10 U	23 U	10 U	10 U	16 U
NMC	9/19/2000	Carp	Fillet	WB0041F	10 U	10 U	10 U	20 U	10 U	10 U	12 U
NMC	9/19/2000	Carp	Remains	WB0042	10 U	10 U	10 U	10 U	10 U	10 U	18 U
NMC	9/19/2000	Carp	Fillet	WB0042F	1 U	1 U	1 U	1 U	1 U	1 U	1 U
NMC	9/19/2000	Smallmouth Bass	Remains	WB0046	10 U	10 U	10 U	10 U	10 U	10 U	10 U
NMC	9/19/2000	Smallmouth Bass	Fillet	WB0046F	1 U	1 U	1 U	1 U	1 U	1 U	1 U
NMC	9/19/2000	Smallmouth Bass	Remains	WB0047	10 U	10 U	10 U	12 U	10 U	10 U	10 U
NMC	9/19/2000	Smallmouth Bass	Fillet	WB0047F	1 U	1 U	1 U	1 U	1 U	1 U	2 U
Lake - Trib5A and HB	9/20/2000	Bluegill	Whole Body	WB0003	2 U	3 U	2 U	2 U	2 U	2 U	7.5 U
Lake - Trib5A and HB	9/20/2000	Bluegill	Whole Body	WB0004	2 U	2 U	2 U	2 U	2 U	2 U	13 U
Lake - Trib5A and HB	9/20/2000	Bluegill	Whole Body	WB0005	2 U	2 U	2 U	2 U	2 U	2 U	8.5 U
Lake - Trib5A and HB	9/20/2000	Bluegill	Whole Body	WB0006	2 U	2 U	2 U	2 U	2 U	2 U	3 U
Lake - Trib5A and HB	9/22/2000	Catfish	Whole Body	WB0009	10 U	10 U	10 U	10 U	10 U	10 U	27 U
Lake - Trib5A and HB	9/20/2000	Carp	Whole Body	WB0015	10 U	10 U	10 U	10 U	10 U	10 U	15 U
Lake - Trib5A and HB	9/20/2000	Carp	Whole Body	WB0016	10 U	10 U	10 U	10 U	10 U	10 U	23 U
Lake - Trib5A and HB	9/20/2000	Carp	Whole Body	WB0017	10 U	10 U	10 U	10 U	10 U	10 U	17 U
Lake - Trib5A and HB	9/20/2000	Carp	Whole Body	WB0018	1 U	1 U	1.2	1.5 U	1 U	1 U	3.5 U
Lake - Trib5A and HB	9/22/2000	Smallmouth Bass	Whole Body	WB0021	10 U	10 U	10 U	17 U	10 U	10 U	11 U
Lake - Trib5A and HB	9/22/2000	Smallmouth Bass	Whole Body	WB0022	10 U	10 U	10 U	12 U	10 U	10 U	10 U
Lake - Trib5A and HB	9/22/2000	Bluegill	Remains	WB0034	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Lake - Trib5A and HB	9/22/2000	Bluegill	Fillet	WB0034F	1 U	1 U	1 U	1 U	1 U	2 U	9 U
Lake - Trib5A and HB	9/22/2000	Bluegill	Remains	WB0035	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Lake - Trib5A and HB	9/22/2000	Bluegill	Fillet	WB0035F	1 U	2 U	1 U	1 U	1 U	1 U	4 U

Table B1-42. (cont.)

Station	Date	Species	Type	Sample Number	alpha-Endosulfan µg/kg-ww	4,4'-DDE µg/kg-ww	Dieldrin µg/kg-ww	Endrin µg/kg-ww	4,4'-DDD µg/kg-ww	beta-Endosulfan µg/kg-ww	4,4'-DDT µg/kg-ww
Lake - MNMC	9/22/2000	Catfish	Whole Body	WB0007	10 U	170	53 J	25 J	47	170 U	24 J
Lake - MNMC	9/22/2000	Catfish	Whole Body	WB0008	10 U	360	100 J	46 J	94	360 U	45 J
Lake - MNMC	9/19/2000	Carp	Whole Body	WB0013	10 U	230	48	24 J	71	200 U	19 J
Lake - MNMC	9/19/2000	Carp	Whole Body	WB0014	1 U	130	23	13 J	50	86 U	19
Lake - MNMC	9/19/2000	Smallmouth Bass	Whole Body	WB0019	10 U	170	30	33 J	39	170 U	30 J
Lake - MNMC	9/19/2000	Smallmouth Bass	Whole Body	WB0020	1 U	120	27	16 J	47	10 U	17 J
Lake - MNMC	9/22/2000	Catfish	Remains	WB0036	10 U	290	31 J	20 J	61	10 U	25 J
Lake - MNMC	9/22/2000	Catfish	Fillet	WB0036F	2 U	80	14	6.2 J	21	10 U	7.4 J
Lake - MNMC	9/22/2000	Catfish	Remains	WB0037	10 U	320	45 J	42 J	85	10 U	38 J
Lake - MNMC	9/22/2000	Catfish	Fillet	WB0037F	10 U	140	42 J	21 J	52	10 U	16 J
NMC	9/19/2000	Carp	Remains	WB0041	10 U	150	26 J	24 J	48 J	140 U	18 J
NMC	9/19/2000	Carp	Fillet	WB0041F	10 U	100	20	16 J	34 J	100 U	14 J
NMC	9/19/2000	Carp	Remains	WB0042	10 U	76	15 J	11 J	18 J	82 U	11 J
NMC	9/19/2000	Carp	Fillet	WB0042F	1 U	13	2.4	1.7 J	3.5	1 U	1.8 J
NMC	9/19/2000	Smallmouth Bass	Remains	WB0046	10 U	96	25	21 J	22	10 U	19 J
NMC	9/19/2000	Smallmouth Bass	Fillet	WB0046F	1 U	6.1	1.3	1.3	1.3	1 U	1.9
NMC	9/19/2000	Smallmouth Bass	Remains	WB0047	10 U	77	21	13 J	26 J	70 U	12 J
NMC	9/19/2000	Smallmouth Bass	Fillet	WB0047F	1 U	12	3.7	2.7 J	3.2	1 UJ	1.8
Lake - Trib5A and HB	9/20/2000	Bluegill	Whole Body	WB0003	2 U	21	6	3.4 J	4 U	3 U	3.8 J
Lake - Trib5A and HB	9/20/2000	Bluegill	Whole Body	WB0004	2 U	18	6.4	4.5 J	4.8	2 U	4 J
Lake - Trib5A and HB	9/20/2000	Bluegill	Whole Body	WB0005	2 U	18	3.9 J	2.6 J	4	2 U	2.7 J
Lake - Trib5A and HB	9/20/2000	Bluegill	Whole Body	WB0006	2 U	19 J	7 J	5.5 J	3.5 J	2 U	5.7 J
Lake - Trib5A and HB	9/22/2000	Catfish	Whole Body	WB0009	10 U	330	79 J	35 J	60	270 U	36 J
Lake - Trib5A and HB	9/20/2000	Carp	Whole Body	WB0015	10 U	180	38	19 J	56	10 U	16 J
Lake - Trib5A and HB	9/20/2000	Carp	Whole Body	WB0016	10 U	180	52	36 J	61	150 U	18 J
Lake - Trib5A and HB	9/20/2000	Carp	Whole Body	WB0017	10 U	110	35 J	20 J	35	10 U	14 J
Lake - Trib5A and HB	9/20/2000	Carp	Whole Body	WB0018	1 U	96	8.6	5.4 J	38	1 U	4.8 J
Lake - Trib5A and HB	9/22/2000	Smallmouth Bass	Whole Body	WB0021	10 U	53	18	17 J	18	68 U	12 J
Lake - Trib5A and HB	9/22/2000	Smallmouth Bass	Whole Body	WB0022	10 U	33	11	10 U	11	41 U	10 U
Lake - Trib5A and HB	9/22/2000	Bluegill	Remains	WB0034	20 U	34	20 U	20 U	20 U	20 U	20 U
Lake - Trib5A and HB	9/22/2000	Bluegill	Fillet	WB0034F	1 U	16	5.9	3.6	3.8	1 U	4.4 J
Lake - Trib5A and HB	9/22/2000	Bluegill	Remains	WB0035	10 U	21	10 U	10 U	10 U	10 U	10 U
Lake - Trib5A and HB	9/22/2000	Bluegill	Fillet	WB0035F	1 U	7.6	3.7	1.6	1.4	1 U	1.6 J

Table B1-42. (cont.)

Station	Date	Species	Type	Sample Number	Endrin aldehyde µg/kg-ww	Endosulfan sulfate µg/kg-ww	Toxaphene µg/kg-ww	alpha-Chlordane µg/kg-ww	gamma-Chlordane µg/kg-ww	Methoxychlor µg/kg-ww	Endrin ketone µg/kg-ww
Lake - MNMC	9/22/2000	Catfish	Whole Body	WB0007	10 U	10 U	2,000 U	10 U	10 U	10 U	10 U
Lake - MNMC	9/22/2000	Catfish	Whole Body	WB0008	10 U	18 U	2,000 U	10 U	10 U	10 U	10 U
Lake - MNMC	9/19/2000	Carp	Whole Body	WB0013	10 U	13 U	2,000 U	10 U	10 U	10 U	10 U
Lake - MNMC	9/19/2000	Carp	Whole Body	WB0014	2.5 U	8 U	1,000 U	7.4 J	4.8 J	7.5 U	2 U
Lake - MNMC	9/19/2000	Smallmouth Bass	Whole Body	WB0019	10 U	13 U	1,000 U	10 U	10 U	13 U	10 U
Lake - MNMC	9/19/2000	Smallmouth Bass	Whole Body	WB0020	11 U	5.5 U	1,000 U	4 J	2.4 J	14 U	3 U
Lake - MNMC	9/22/2000	Catfish	Remains	WB0036	32 U	15 U	1,000 U	10 U	10 U	10 U	10 U
Lake - MNMC	9/22/2000	Catfish	Fillet	WB0036F	1 U	4 U	1,000 U	1 U	1.1 J	1 U	1 U
Lake - MNMC	9/22/2000	Catfish	Remains	WB0037	10 U	20 U	1,000 U	10 U	10 U	10 U	10 U
Lake - MNMC	9/22/2000	Catfish	Fillet	WB0037F	10 U	10 U	2,000 U	10 U	10 U	10 U	10 U
NMC	9/19/2000	Carp	Remains	WB0041	10 U	12 U	1,000 U	10 U	10 U	10 U	10 U
NMC	9/19/2000	Carp	Fillet	WB0041F	10 U	10 U	1,000 U	10 U	10 U	10 U	10 U
NMC	9/19/2000	Carp	Remains	WB0042	10 U	10 U	1,000 U	10 U	10 U	10 UJ	10 U
NMC	9/19/2000	Carp	Fillet	WB0042F	1.7 U	1.5 U	100 U	1 U	1 U	1 U	1 U
NMC	9/19/2000	Smallmouth Bass	Remains	WB0046	10 U	10 U	1,000 U	10 U	10 U	10 U	10 U
NMC	9/19/2000	Smallmouth Bass	Fillet	WB0046F	1 U	1 U	300 U	1 U	1 U	1 U	1 U
NMC	9/19/2000	Smallmouth Bass	Remains	WB0047	10 U	10 U	1,000 U	10 U	10 U	10 U	10 U
NMC	9/19/2000	Smallmouth Bass	Fillet	WB0047F	3 U	1 U	200 U	1 U	1 U	1 U	1 U
Lake - Trib5A and HB	9/20/2000	Bluegill	Whole Body	WB0003	2 U	2 U	200 U	2 U	2 U	2 U	2 U
Lake - Trib5A and HB	9/20/2000	Bluegill	Whole Body	WB0004	4.9	2.8	200 U	2 U	5 U	2 U	2.5
Lake - Trib5A and HB	9/20/2000	Bluegill	Whole Body	WB0005	2.7 U	2 U	200 U	2 U	3.5 U	2 U	2 U
Lake - Trib5A and HB	9/20/2000	Bluegill	Whole Body	WB0006	2 U	2.5 U	200 U	2 U	4.5 U	2 U	2.5 U
Lake - Trib5A and HB	9/22/2000	Catfish	Whole Body	WB0009	10 U	21 U	2,000 U	10 U	10 U	10 U	10 U
Lake - Trib5A and HB	9/20/2000	Carp	Whole Body	WB0015	10 U	13 U	2,000 U	10 U	10 U	10 U	10 U
Lake - Trib5A and HB	9/20/2000	Carp	Whole Body	WB0016	12 U	13 U	2,000 U	10 U	10 U	10 U	10 U
Lake - Trib5A and HB	9/20/2000	Carp	Whole Body	WB0017	10 U	10 U	2,000 U	10 U	10 U	10 U	10 U
Lake - Trib5A and HB	9/20/2000	Carp	Whole Body	WB0018	8.5 U	3.5 U	500 U	5.2 J	5 J	3.5 U	2 U
Lake - Trib5A and HB	9/22/2000	Smallmouth Bass	Whole Body	WB0021	10 U	10 U	500 U	10 U	10 U	10 U	10 U
Lake - Trib5A and HB	9/22/2000	Smallmouth Bass	Whole Body	WB0022	10 U	10 U	1,000 U	10 U	10 U	10 U	10 U
Lake - Trib5A and HB	9/22/2000	Bluegill	Remains	WB0034	20 U	20 U	2,000 U	20 U	20 U	20 U	20 U
Lake - Trib5A and HB	9/22/2000	Bluegill	Fillet	WB0034F	1.5 U	2 U	500 U	1 U	1 U	1 U	1.5 U
Lake - Trib5A and HB	9/22/2000	Bluegill	Remains	WB0035	10 U	10 U	1,000 U	10 U	10 U	10 U	10 U
Lake - Trib5A and HB	9/22/2000	Bluegill	Fillet	WB0035F	1 U	1 U	50 U	1 U	1 U	1 U	1 U

Table B1-42. (cont.)

Station	Date	Species	Type	Sample Number	alpha-BHC µg/kg-ww	beta-BHC µg/kg-ww	gamma-BHC (Lindane) µg/kg-ww	delta-BHC µg/kg-ww	Heptachlor µg/kg-ww	Aldrin µg/kg-ww	Heptachlor epoxide µg/kg-ww
Lake - Trib5A and HB	9/20/2000	Carp	Remains	WB0043	10 U	10 U	10 U	10 U	10 U	10 U	22 U
Lake - Trib5A and HB	9/20/2000	Carp	Fillet	WB0043F	1 U	1 U	1 U	1 U	1 U	1 U	6 U
Lake - Trib5A and HB	9/20/2000	Carp	Remains	WB0044	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
Lake - Trib5A and HB	9/20/2000	Carp	Fillet	WB0044F	1 U	1 U	1.5	1 U	1 U	3	15 U
Lake - Trib5A and HB	9/20/2000	Carp	Remains	WB0045	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Lake - Trib5A and HB	9/20/2000	Carp	Fillet	WB0045F	10 U	10 U	10 U	10 U	10 U	10 U	20 U
Bloody Brook	9/19/2000	Bluegill	YOY	YF0019	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bloody Brook	9/19/2000	Pumpkinseed	YOY	YF0020	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Harbor Brook	9/21/2000	Bluegill	YOY	YF0010	2 U	2 U	2 U	2 U	2 U	2 U	13 U
Ley Creek	9/21/2000	Bluegill	YOY	YF0007	10 U	10 U	10 U	10 U	10 U	10 U	15 U
Ley Creek	9/21/2000	Largemouth Bass	YOY	YF0008	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ley Creek	9/21/2000	Pumpkinseed	YOY	YF0009	10 U	10 U	10 U	10 U	12 U	10 U	25 U
Lower East Flume	9/21/2000	Bluegill	YOY	YF0004	2 U	2 U	2 U	2 U	2 U	2 U	6 U
Mouth of Ninemile Creek	9/22/2000	Largemouth Bass	YOY	YF0003	1 U	5.4	1 U	1 U	1 U	1 U	5 U
Ninemile Creek	9/19/2000	Pumpkinseed	YOY	YF0001	1 U	1 U	1 U	1 U	1 U	1 U	6 U
Ninemile Creek	9/19/2000	Bluegill	YOY	YF0002	2 U	2 U	2 U	2 U	2 U	2 U	5 U
Onondaga Creek	9/21/2000	Largemouth Bass	YOY	YF0013	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Onondaga Creek	9/21/2000	Bluegill	YOY	YF0014	2 U	2 U	2 U	2 U	2 U	2 U	11 U
Onondaga Creek	9/21/2000	Pumpkinseed	YOY	YF0015	2 U	5 U	1 U	1 U	1 U	1 U	3 U
Sawmill Creek	9/22/2000	Bluegill	YOY	YF0016	2 U	2 U	2 U	2 U	2 U	2 U	7 U
Sawmill Creek	9/22/2000	Pumpkinseed	YOY	YF0017	1 U	1 U	1 U	1 U	1 U	1 U	5 U

Table B1-42. (cont.)

Station	Date	Species	Type	Sample Number	alpha-Endosulfan µg/kg-ww	4,4'-DDE µg/kg-ww	Dieldrin µg/kg-ww	Endrin µg/kg-ww	4,4'-DDD µg/kg-ww	beta-Endosulfan µg/kg-ww	4,4'-DDT µg/kg-ww
Lake - Trib5A and HB	9/20/2000	Carp	Remains	WB0043	10 U	140	53	31 J	46	10 U	23 J
Lake - Trib5A and HB	9/20/2000	Carp	Fillet	WB0043F	1 U	43	7.4 J	7.2 J	14	10 U	6.1 J
Lake - Trib5A and HB	9/20/2000	Carp	Remains	WB0044	10 UJ	170	18	12 J	54	10 U	10 U
Lake - Trib5A and HB	9/20/2000	Carp	Fillet	WB0044F	1 U	100	14	6.5	34	10 U	5.3
Lake - Trib5A and HB	9/20/2000	Carp	Remains	WB0045	10 U	240	21	24 J	57	10 U	13 J
Lake - Trib5A and HB	9/20/2000	Carp	Fillet	WB0045F	10 U	100	13	10 J	34	10 U	7.6 J
Bloody Brook	9/19/2000	Bluegill	YOY	YF0019	10 U	18	10 U	10 U	10 U	10 U	10 U
Bloody Brook	9/19/2000	Pumpkinseed	YOY	YF0020	10 U	51	26 J	33 J	19 J	10 U	17 J
Harbor Brook	9/21/2000	Bluegill	YOY	YF0010	2 U	14	7.2	3.6 J	5.6	2 U	2 U
Ley Creek	9/21/2000	Bluegill	YOY	YF0007	10 U	30	18	10 U	10	10 U	10 U
Ley Creek	9/21/2000	Largemouth Bass	YOY	YF0008	10 U	18	10 U	10 U	10 U	10 U	10 U
Ley Creek	9/21/2000	Pumpkinseed	YOY	YF0009	10 U	44	17	10 U	12	10 U	10 U
Lower East Flume	9/21/2000	Bluegill	YOY	YF0004	2 U	13	6.1	2.5 J	3.1	2 U	2 U
Mouth of Ninemile Creek	9/22/2000	Largemouth Bass	YOY	YF0003	1 U	9.7	2.9	1.9 J	2.9 J	1 U	1.5 J
Ninemile Creek	9/19/2000	Pumpkinseed	YOY	YF0001	1 U	11	4	1.5 J	3.3	1 U	1.8 J
Ninemile Creek	9/19/2000	Bluegill	YOY	YF0002	2 U	7.7	3.2	2.2 J	2.5	2 U	2.1 J
Onondaga Creek	9/21/2000	Largemouth Bass	YOY	YF0013	10 U	16	10 U	10 U	10 U	10 U	10 U
Onondaga Creek	9/21/2000	Bluegill	YOY	YF0014	2 U	11	5.5	4.7 J	4.9 J	2 U	4.1 J
Onondaga Creek	9/21/2000	Pumpkinseed	YOY	YF0015	1 U	19	7.4	3.9 J	6.6	1 U	4.6 J
Sawmill Creek	9/22/2000	Bluegill	YOY	YF0016	2 U	10	4.9	2.2 J	3.4	2 U	2.2 J
Sawmill Creek	9/22/2000	Pumpkinseed	YOY	YF0017	1 U	19	3.7	1.5 J	6.6	1 U	2.3 J

Table B1-42. (cont.)

Station	Date	Species	Type	Sample Number	Endrin aldehyde µg/kg-ww	Endosulfan sulfate µg/kg-ww	Toxaphene µg/kg-ww	alpha-Chlordane µg/kg-ww	gamma-Chlordane µg/kg-ww	Methoxychlor µg/kg-ww	Endrin ketone µg/kg-ww
Lake - Trib5A and HB	9/20/2000	Carp	Remains	WB0043	10 U	10 U	1,000 U	10 U	10 U	10 U	10 U
Lake - Trib5A and HB	9/20/2000	Carp	Fillet	WB0043F	1 U	3.5 U	500 U	2.6 J	1.4 J	1 U	1 U
Lake - Trib5A and HB	9/20/2000	Carp	Remains	WB0044	13 U	10 U	1,000 U	10 U	10 U	10 U	10 U
Lake - Trib5A and HB	9/20/2000	Carp	Fillet	WB0044F	5 U	3 U	500 U	6.9	4.4	10 U	2 U
Lake - Trib5A and HB	9/20/2000	Carp	Remains	WB0045	35 U	15 U	1,000 U	10 U	19 U	10 U	10 U
Lake - Trib5A and HB	9/20/2000	Carp	Fillet	WB0045F	25 U	10 U	500 U	10 U	10 U	10 U	10 U
Bloody Brook	9/19/2000	Bluegill	YOY	YF0019	10 U	10 U	1,000 U	10 U	10 U	10 U	10 U
Bloody Brook	9/19/2000	Pumpkinseed	YOY	YF0020	10 U	10 U	1,000 U	10 U	10 U	10 U	10 U
Harbor Brook	9/21/2000	Bluegill	YOY	YF0010	4 U	2 U	200 U	6 U	9 U	2 U	5.2
Ley Creek	9/21/2000	Bluegill	YOY	YF0007	10 U	10 U	500 U	10 U	10 U	10 U	10 U
Ley Creek	9/21/2000	Largemouth Bass	YOY	YF0008	10 U	10 U	1,000 U	10 U	10 U	10 U	10 U
Ley Creek	9/21/2000	Pumpkinseed	YOY	YF0009	10 U	10 U	1,000 U	10 U	10 U	10 U	10 U
Lower East Flume	9/21/2000	Bluegill	YOY	YF0004	6 U	2 U	200 U	2 U	2 U	2 U	3 U
Mouth of Ninemile Creek	9/22/2000	Largemouth Bass	YOY	YF0003	1 U	1 U	200 U	1 U	1 U	1 U	8 U
Ninemile Creek	9/19/2000	Pumpkinseed	YOY	YF0001	2 U	1 U	200 U	1 U	2 U	1 U	1 U
Ninemile Creek	9/19/2000	Bluegill	YOY	YF0002	2 U	2 U	200 U	2 U	3 U	2 U	2 U
Onondaga Creek	9/21/2000	Largemouth Bass	YOY	YF0013	10 U	10 U	1,000 U	10 U	10 U	10 U	10 U
Onondaga Creek	9/21/2000	Bluegill	YOY	YF0014	4 U	2 U	200 U	4 U	2 U	2 U	4 U
Onondaga Creek	9/21/2000	Pumpkinseed	YOY	YF0015	5 U	3 U	200 U	4 U	9 U	1 U	1 U
Sawmill Creek	9/22/2000	Bluegill	YOY	YF0016	2 U	2 U	200 U	2 U	3 U	2 U	2 U
Sawmill Creek	9/22/2000	Pumpkinseed	YOY	YF0017	3 U	1 U	200 U	1 U	3 U	1 U	2 U

Notes:
(1) Lake - Trib5A and HB is in the lake between Tributary 5A and Harbor Brook
(2) Lake - MNMC is in the lake near the mouth of Ninemile Creek
(3) NMC - In lower Ninemile Creek
(4) YOY - Young-of-year fish

Table B1-43. PCBs in Fish Tissue

Station	Date	Species	Sample Number	Type	Aroclor-1016 µg/kg-ww	Aroclor-1221 µg/kg-ww	Aroclor-1232 µg/kg-ww	Aroclor-1242 µg/kg-ww	Aroclor-1248 µg/kg-ww	Aroclor-1254 µg/kg-ww	Aroclor-1260 µg/kg-ww	Aroclor-1268 µg/kg-ww
Lake - MNMC	9/22/2000	CATF	WB0007	Whole Body	100 UJ	10 UJ	10 UJ	10 UJ	980 J	10 UJ	1,200 J	10 UJ
Lake - MNMC	9/22/2000	CATF	WB0008	Whole Body	100 UJ	200 UJ	100 UJ	100 UJ	1,100 J	100 UJ	2,300 J	100 UJ
Lake - MNMC	9/19/2000	CP	WB0013	Whole Body	100 UJ	200 UJ	100 UJ	100 UJ	1,500 J	100 UJ	1,100 J	100 UJ
Lake - MNMC	9/19/2000	CP	WB0014	Whole Body	100 UJ	200 UJ	100 UJ	100 UJ	1,300 J	100 UJ	590 J	100 UJ
Lake - MNMC	9/19/2000	SMB	WB0019	Whole Body	100 UJ	200 UJ	100 UJ	100 UJ	1,500 J	100 UJ	930 J	100 UJ
Lake - MNMC	9/19/2000	SMB	WB0020	Whole Body	100 UJ	200 UJ	100 UJ	100 UJ	1,400 J	100 UJ	770 J	100 UJ
Lake - MNMC	9/22/2000	CATF	WB0036	Remains	100 UJ	200 UJ	100 UJ	100 UJ	880 J	100 UJ	930 J	100 UJ
Lake - MNMC	9/22/2000	CATF	WB0036F	Fillet	10 UJ	20 UJ	10 UJ	10 UJ	270 J	10 UJ	270 J	10 UJ
Lake - MNMC	9/22/2000	CATF	WB0037	Remains	100 UJ	200 UJ	100 UJ	100 UJ	1,600 J	100 UJ	1,100 J	100 UJ
Lake - MNMC	9/22/2000	CATF	WB0037F	Fillet	100 UJ	200 UJ	100 UJ	100 UJ	1,100 J	100 UJ	720 J	100 UJ
NMC	9/19/2000	CP	WB0041	Remains	100 UJ	200 UJ	100 UJ	100 UJ	1,600 J	100 UJ	770 J	100 UJ
NMC	9/19/2000	CP	WB0041F	Fillet	100 UJ	200 UJ	100 UJ	100 UJ	1,200 J	100 UJ	640 J	100 UJ
NMC	9/19/2000	CP	WB0042	Remains	10 UJ	20 UJ	10 UJ	10 UJ	330 J	10 UJ	550 J	10 UJ
NMC	9/19/2000	CP	WB0042F	Fillet	10 UJ	20 UJ	10 UJ	10 UJ	69 J	10 UJ	110 J	10 UJ
NMC	9/19/2000	SMB	WB0046	Remains	100 UJ	200 UJ	100 UJ	100 UJ	530 J	100 UJ	620 J	100 UJ
NMC	9/19/2000	SMB	WB0046F	Fillet	10 UJ	20 UJ	10 UJ	10 UJ	53 J	10 UJ	35 J	10 UJ
NMC	9/19/2000	SMB	WB0047	Remains	10 UJ	20 UJ	10 UJ	10 UJ	580 J	10 UJ	410 J	10 UJ
NMC	9/19/2000	SMB	WB0047F	Fillet	10 UJ	20 UJ	10 UJ	10 UJ	180 J	10 UJ	66 J	10 UJ
Lake - Trib5A and HB	9/20/2000	BG	WB0003	Whole Body	20 UJ	40 UJ	20 UJ	20 UJ	150 J	20 UJ	150 J	20 UJ
Lake - Trib5A and HB	9/20/2000	BG	WB0004	Whole Body	20 UJ	40 UJ	20 UJ	20 UJ	330 J	20 UJ	140 J	20 UJ
Lake - Trib5A and HB	9/20/2000	BG	WB0005	Whole Body	20 UJ	40 UJ	20 UJ	20 UJ	230 J	20 UJ	83 J	20 UJ
Lake - Trib5A and HB	9/20/2000	BG	WB0006	Whole Body	20 UJ	40 UJ	20 UJ	20 UJ	430 J	20 UJ	220 J	20 UJ
Lake - Trib5A and HB	9/22/2000	CATF	WB0009	Whole Body	100 UJ	200 UJ	100 UJ	100 UJ	1,700 J	100 UJ	1,700 J	100 UJ
Lake - Trib5A and HB	9/20/2000	CP	WB0015	Whole Body	100 UJ	200 UJ	100 UJ	100 UJ	1,200 J	100 UJ	840 J	100 UJ
Lake - Trib5A and HB	9/20/2000	CP	WB0016	Whole Body	100 UJ	200 UJ	100 UJ	100 UJ	1,700 J	100 UJ	1,100 J	100 UJ
Lake - Trib5A and HB	9/20/2000	CP	WB0017	Whole Body	100 UJ	200 UJ	100 UJ	100 UJ	1,300 J	100 UJ	770 J	100 UJ
Lake - Trib5A and HB	9/20/2000	CP	WB0018	Whole Body	10 UJ	20 UJ	10 UJ	10 UJ	360 J	10 UJ	140 J	10 UJ
Lake - Trib5A and HB	9/22/2000	SMB	WB0021	Whole Body	100 UJ	200 UJ	100 UJ	100 UJ	1,000 J	100 UJ	400 J	100 UJ
Lake - Trib5A and HB	9/22/2000	SMB	WB0022	Whole Body	10 UJ	20 UJ	10 UJ	10 UJ	360 J	10 UJ	230 J	10 UJ
Lake - Trib5A and HB	9/22/2000	BG	WB0034	Remains	100 UJ	200 UJ	100 UJ	100 UJ	470 J	100 UJ	320 J	100 UJ
Lake - Trib5A and HB	9/22/2000	BG	WB0034F	Fillet	10 UJ	20 UJ	10 UJ	10 UJ	210 J	10 UJ	140 J	10 UJ
Lake - Trib5A and HB	9/22/2000	BG	WB0035	Remains	100 UJ	200 UJ	100 UJ	100 UJ	160 J	100 UJ	220 J	100 UJ
Lake - Trib5A and HB	9/22/2000	BG	WB0035F	Fillet	10 UJ	20 UJ	10 UJ	10 UJ	61 J	10 UJ	72 J	10 UJ
Lake - Trib5A and HB	9/20/2000	CP	WB0043	Remains	100 UJ	200 UJ	100 UJ	100 UJ	1,700 J	100 UJ	660 J	100 UJ
Lake - Trib5A and HB	9/20/2000	CP	WB0043F	Fillet	10 UJ	20 UJ	10 UJ	10 UJ	570 J	10 UJ	230 J	10 UJ
Lake - Trib5A and HB	9/20/2000	CP	WB0044	Remains	100 UJ	200 UJ	100 UJ	100 UJ	700 J	100 UJ	220 J	100 UJ
Lake - Trib5A and HB	9/20/2000	CP	WB0044F	Fillet	10 UJ	20 UJ	10 UJ	10 UJ	440 J	10 UJ	140 J	10 UJ
Lake - Trib5A and HB	9/20/2000	CP	WB0045	Remains	100 UJ	200 UJ	100 UJ	100 UJ	1,200 J	100 UJ	590 J	100 UJ
Lake - Trib5A and HB	9/20/2000	CP	WB0045F	Fillet	10 UJ	20 UJ	10 UJ	10 UJ	640 J	10 UJ	330 J	10 UJ

Table B1-43. (cont.)

Station	Date	Species	Sample Number	Type	Aroclor-1016 µg/kg-ww	Aroclor-1221 µg/kg-ww	Aroclor-1232 µg/kg-ww	Aroclor-1242 µg/kg-ww	Aroclor-1248 µg/kg-ww	Aroclor-1254 µg/kg-ww	Aroclor-1260 µg/kg-ww	Aroclor-1268 µg/kg-ww
Bloody Brook	9/19/2000	BG	YF0019	YOY	100 UJ	200 UJ	100 UJ	100 UJ	290 J	100 UJ	280 J	100 UJ
Bloody Brook	9/19/2000	PKSD	YF0020	YOY	100 UJ	200 UJ	100 UJ	100 UJ	400 J	100 UJ	750 J	100 UJ
Harbor Brook	9/21/2000	BG	YF0010	YOY	100 UJ	200 UJ	100 UJ	100 UJ	300 J	100 UJ	150 J	100 UJ
Ley Creek	9/21/2000	BG	YF0007	YOY	100 UJ	200 UJ	100 UJ	100 UJ	1,300 J	100 UJ	250 J	100 UJ
Ley Creek	9/21/2000	LMB	YF0008	YOY	100 UJ	200 UJ	100 UJ	100 UJ	520 J	100 UJ	170 J	100 UJ
Ley Creek	9/21/2000	PKSD	YF0009	YOY	100 UJ	200 UJ	100 UJ	100 UJ	2,100 J	100 UJ	270 J	100 UJ
Lower East Flume	9/21/2000	BG	YF0004	YOY	10 UJ	20 UJ	10 UJ	10 UJ	160 J	10 UJ	47 J	10 UJ
Mouth of Ninemile Creek	9/22/2000	LMB	YF0003	YOY	10 UJ	20 UJ	10 UJ	10 UJ	86 J	10 UJ	56 J	10 UJ
Ninemile Creek	9/19/2000	PKSD	YF0001	YOY	10 UJ	20 UJ	10 UJ	10 UJ	140 J	10 UJ	55 J	10 UJ
Ninemile Creek	9/19/2000	BG	YF0002	YOY	10 UJ	20 UJ	10 UJ	10 UJ	160 J	10 UJ	53 J	10 UJ
Onondaga Creek	9/21/2000	LMB	YF0013	YOY	100 UJ	200 UJ	100 UJ	100 UJ	330 J	100 UJ	180 J	100 UJ
Onondaga Creek	9/21/2000	BG	YF0014	YOY	100 UJ	200 UJ	100 UJ	100 UJ	260 J	100 UJ	110 J	100 UJ
Onondaga Creek	9/21/2000	PKSD	YF0015	YOY	100 UJ	200 UJ	100 UJ	100 UJ	380 J	100 UJ	130 J	100 UJ
Sawmill Creek	9/22/2000	BG	YF0016	YOY	10 UJ	20 UJ	10 UJ	10 UJ	130 J	10 UJ	50 J	10 UJ
Sawmill Creek	9/22/2000	PKSD	YF0017	YOY	10 UJ	20 UJ	10 UJ	10 UJ	130 J	10 UJ	48 J	10 UJ

Notes:

(1) Lake - Trib5A and HB is in the lake between Tributary 5A and Harbor Brook

(2) Lake - MNMC is in the lake near the mouth of Ninemile Creek

(3) NMC - In lower Ninemile Creek

Table B1-44. PCDD/PCDFs in Fish Tissue

Station	Date	Species	Type	Sample Number	Lipid (% wet)	2,3,7,8-Tetra-chlorodibenzo-dioxin ng/kg-ww	1,2,3,7,8-Pentachloro-dibenzodioxin ng/kg-ww	1,2,3,4,7,8-Hexachloro-dibenzodioxin ng/kg-ww	1,2,3,6,7,8-Hexachloro-dibenzodioxin ng/kg-ww
Lake - MNMC	09/22/00	Catfish	Whole Body	WB0007	5.9	1.89	1.74	0.179 J	1 J
Lake - MNMC	09/22/00	Catfish	Whole Body	WB0008	7.9	2.5 J	2.11	0.156 J	1.34 J
Lake - MNMC	09/19/00	Carp	Whole Body	WB0013	11	1.89	1.84	0.91 J	2.98
Lake - MNMC	09/19/00	Carp	Whole Body	WB0014	15	1.63	2.01	0.649 J	2.47
Lake - MNMC	09/19/00	Smallmouth Bass	Whole Body	WB0019	5.9	1.69	0.683 J	0.1 U	0.193 J
Lake - MNMC	09/19/00	Smallmouth Bass	Whole Body	WB0020	8.8	1.3	0.723 J	0.1 U	0.391 J
Lake - MNMC	09/22/00	Catfish	Remains	WB0036	8.8	1.67	1.84	0.203 J	1.28 J
Lake - MNMC	09/22/00	Catfish	Fillet	WB0036F	3.3	0.594 J	0.492 J	0.1 U	0.392 J
Lake - MNMC	09/22/00	Catfish	Remains	WB0037	13.3	2.03	2.09	0.182 J	1.43 J
Lake - MNMC	09/22/00	Catfish	Fillet	WB0037F	6.4	0.94 J	1.03	0.1 U	0.607 J
NMC	09/19/00	Carp	Remains	WB0041	12	1.86	2.55	0.946 J	3.4
NMC	09/19/00	Carp	Fillet	WB0041F	7.4	1.33	1.72	0.829 J	2.62
NMC	09/19/00	Carp	Remains	WB0042	4	0.344 J	0.326 J	0.192 J	0.504 J
NMC	09/19/00	Carp	Fillet	WB0042F	0.99	0.203 J	0.1 U	0.1 U	0.154 J
NMC	09/19/00	Smallmouth Bass	Remains	WB0046	5	0.566 J	0.279 J	0.1 U	0.114 J
NMC	09/19/00	Smallmouth Bass	Fillet	WB0046F	1.1	0.1 U	0.1 U	0.1 U	0.153 J
NMC	09/19/00	Smallmouth Bass	Remains	WB0047	5.8	0.444 J	0.211 J	0.11 U	0.172 J
NMC	09/19/00	Smallmouth Bass	Fillet	WB0047F	1.69	0.19 J	0.11 U	0.11 U	0.11 U
Lake - Trib5A and HB	09/20/00	Bluegill	Whole Body	WB0003	1.8	0.898 J	0.11 U	0.12 U	0.256 J
Lake - Trib5A and HB	09/20/00	Bluegill	Whole Body	WB0004	4.1	0.402 J	0.224 J	0.22 U	0.22 U
Lake - Trib5A and HB	09/20/00	Bluegill	Whole Body	WB0005	4.1	0.506 J	0.316 J	0.21 U	0.397 J
Lake - Trib5A and HB	09/20/00	Bluegill	Whole Body	WB0006	3.5	0.605 J	0.196 J	0.2 U	0.292 J
Lake - Trib5A and HB	09/22/00	Catfish	Whole Body	WB0009	7.8	4.01	3.4 J	0.253 J	1.2 J
Lake - Trib5A and HB	09/20/00	Carp	Whole Body	WB0015	17	2.35	3.11	0.749 J	2.86
Lake - Trib5A and HB	09/20/00	Carp	Whole Body	WB0016	17	3.22	5.09	1.22 J	3.9
Lake - Trib5A and HB	09/20/00	Carp	Whole Body	WB0017	8.3	3.31	3.59	0.709 J	3.1
Lake - Trib5A and HB	09/20/00	Carp	Whole Body	WB0018	12	0.574 J	0.747 J	0.244 J	1.11 J
Lake - Trib5A and HB	09/22/00	Smallmouth Bass	Whole Body	WB0021	6.9	0.83 J	0.41 J	0.1 U	0.106 J
Lake - Trib5A and HB	09/22/00	Smallmouth Bass	Whole Body	WB0022	2.5	0.225 J	0.291 J	0.1 U	0.1 U
Lake - Trib5A and HB	09/20/00	Bluegill	Whole Body	WB0033	2.9	0.292 J	0.13 U	0.12 U	0.209 J
Lake - Trib5A and HB	09/22/00	Bluegill	Remains	WB0034	4.3	0.537 J	0.138 J	0.1 U	0.221 J
Lake - Trib5A and HB	09/22/00	Bluegill	Fillet	WB0034F	2.18	0.328 J	0.1 U	0.1 U	0.11 J
Lake - Trib5A and HB	09/22/00	Bluegill	Remains	WB0035	2.3	0.161 J	0.12 U	0.12 U	0.12 U
Lake - Trib5A and HB	09/22/00	Bluegill	Fillet	WB0035F	1	0.17 U	0.1 U	0.1 U	0.1 U

Table B1-44. (cont.)

Station	Date	Species	Type	Sample Number	Lipid (% wet)	1,2,3,7,8,9-Hexachloro-dibenzodioxin ng/kg-ww	1,2,3,4,6,7,8-Heptachloro-dibenzodioxin ng/kg-ww
Lake - MNMC	09/22/00	Catfish	Whole Body	WB0007	5.9	0.236 J	0.419 J
Lake - MNMC	09/22/00	Catfish	Whole Body	WB0008	7.9	0.282 J	0.416 J
Lake - MNMC	09/19/00	Carp	Whole Body	WB0013	11	0.335 J	3.18 J
Lake - MNMC	09/19/00	Carp	Whole Body	WB0014	15	0.65 J	4.23
Lake - MNMC	09/19/00	Smallmouth Bass	Whole Body	WB0019	5.9	0.1 U	0.128 J
Lake - MNMC	09/19/00	Smallmouth Bass	Whole Body	WB0020	8.8	0.1 U	0.106 J
Lake - MNMC	09/22/00	Catfish	Remains	WB0036	8.8	0.275 J	0.485 J
Lake - MNMC	09/22/00	Catfish	Fillet	WB0036F	3.3	0.123 J	0.178 J
Lake - MNMC	09/22/00	Catfish	Remains	WB0037	13.3	0.189 J	0.534 J
Lake - MNMC	09/22/00	Catfish	Fillet	WB0037F	6.4	0.134 J	0.262 J
NMC	09/19/00	Carp	Remains	WB0041	12	0.893 J	5.97
NMC	09/19/00	Carp	Fillet	WB0041F	7.4	0.513 J	4.15
NMC	09/19/00	Carp	Remains	WB0042	4	0.117 J	0.838 J
NMC	09/19/00	Carp	Fillet	WB0042F	0.99	0.1 U	0.21 J
NMC	09/19/00	Smallmouth Bass	Remains	WB0046	5	0.1 U	0.1 U
NMC	09/19/00	Smallmouth Bass	Fillet	WB0046F	1.1	0.1 U	0.1 U
NMC	09/19/00	Smallmouth Bass	Remains	WB0047	5.8	0.11 U	0.125 J
NMC	09/19/00	Smallmouth Bass	Fillet	WB0047F	1.69	0.11 U	0.11 U
Lake - Trib5A and HB	09/20/00	Bluegill	Whole Body	WB0003	1.8	0.12 U	0.639 J
Lake - Trib5A and HB	09/20/00	Bluegill	Whole Body	WB0004	4.1	0.22 U	0.656 J
Lake - Trib5A and HB	09/20/00	Bluegill	Whole Body	WB0005	4.1	0.21 U	0.882 J
Lake - Trib5A and HB	09/20/00	Bluegill	Whole Body	WB0006	3.5	0.2 U	0.345 J
Lake - Trib5A and HB	09/22/00	Catfish	Whole Body	WB0009	7.8	0.314 J	0.652 J
Lake - Trib5A and HB	09/20/00	Carp	Whole Body	WB0015	17	0.585 J	4.57
Lake - Trib5A and HB	09/20/00	Carp	Whole Body	WB0016	17	1.05 J	4.47
Lake - Trib5A and HB	09/20/00	Carp	Whole Body	WB0017	8.3	0.726 J	2.7
Lake - Trib5A and HB	09/20/00	Carp	Whole Body	WB0018	12	0.246 J	1.7 J
Lake - Trib5A and HB	09/22/00	Smallmouth Bass	Whole Body	WB0021	6.9	0.1 U	0.111 J
Lake - Trib5A and HB	09/22/00	Smallmouth Bass	Whole Body	WB0022	2.5	0.1 U	0.145 J
Lake - Trib5A and HB	09/20/00	Bluegill	Whole Body	WB0033	2.9	0.12 U	0.18 U
Lake - Trib5A and HB	09/22/00	Bluegill	Remains	WB0034	4.3	0.1 U	0.1 U
Lake - Trib5A and HB	09/22/00	Bluegill	Fillet	WB0034F	2.18	0.1 U	0.1 U
Lake - Trib5A and HB	09/22/00	Bluegill	Remains	WB0035	2.3	0.12 U	0.12 U
Lake - Trib5A and HB	09/22/00	Bluegill	Fillet	WB0035F	1	0.1 U	0.11 U

Table B1-44. (cont.)

Station	Date	Species	Type	Sample Number	Lipid (% wet)	Octachloro-dibenzo-dioxin ng/kg-ww	2,3,7,8-Tetrachloro-dibenzofuran ng/kg-ww	1,2,3,7,8-Pentachloro-dibenzofuran ng/kg-ww	2,3,4,7,8-Pentachloro-dibenzofuran ng/kg-ww	1,2,3,4,7,8-Hexachloro-dibenzofuran ng/kg-ww
Lake - MNMC	09/22/00	Catfish	Whole Body	WB0007	5.9	0.89 U	1.61	0.488 J	7.55	0.353 J
Lake - MNMC	09/22/00	Catfish	Whole Body	WB0008	7.9	0.97 U	1.03	0.617 J	8.1	0.242 J
Lake - MNMC	09/19/00	Carp	Whole Body	WB0013	11	3.19 J	9.84	2.5	10	2.17 J
Lake - MNMC	09/19/00	Carp	Whole Body	WB0014	15	5.85	7.57	1.86	5.93	1.01 J
Lake - MNMC	09/19/00	Smallmouth Bass	Whole Body	WB0019	5.9	0.4 U	7.66	0.672 J	6	0.184 J
Lake - MNMC	09/19/00	Smallmouth Bass	Whole Body	WB0020	8.8	0.32 U	9.85	0.907 J	3.41	0.213 J
Lake - MNMC	09/22/00	Catfish	Remains	WB0036	8.8	0.76 U	1.36	0.56 J	5.26	0.222 J
Lake - MNMC	09/22/00	Catfish	Fillet	WB0036F	3.3	0.64 U	0.445 J	0.155 J	1.61	0.127 J
Lake - MNMC	09/22/00	Catfish	Remains	WB0037	13.3	0.87 U	3.2	1.64	8.31	0.494 J
Lake - MNMC	09/22/00	Catfish	Fillet	WB0037F	6.4	0.44 U	1.55	0.865 J	4.07	0.346 J
NMC	09/19/00	Carp	Remains	WB0041	12	4.11 J	10.2	8.49	21.9	6.6
NMC	09/19/00	Carp	Fillet	WB0041F	7.4	2.73 J	7.06	6.23	17.3	5.14
NMC	09/19/00	Carp	Remains	WB0042	4	1.4 U	2.48	0.644 J	1.64	0.52 J
NMC	09/19/00	Carp	Fillet	WB0042F	0.99	0.65 U	0.495 J	0.11 U	0.364 J	0.18 J
NMC	09/19/00	Smallmouth Bass	Remains	WB0046	5	0.34 U	5.94	0.335 J	1.17	0.1 U
NMC	09/19/00	Smallmouth Bass	Fillet	WB0046F	1.1	0.52 U	0.837 J	0.15 J	0.175 J	0.1 U
NMC	09/19/00	Smallmouth Bass	Remains	WB0047	5.8	0.48 U	7.43	0.499 J	1.48	0.144 J
NMC	09/19/00	Smallmouth Bass	Fillet	WB0047F	1.69	0.27 U	1.78	0.15 J	0.326 J	0.11 U
Lake - Trib5A and HB	09/20/00	Bluegill	Whole Body	WB0003	1.8	2.54 J	3.24 J	1.53 J	1.99 J	0.437 J
Lake - Trib5A and HB	09/20/00	Bluegill	Whole Body	WB0004	4.1	4.16 J	1.86 J	0.426 J	0.48 J	0.229 J
Lake - Trib5A and HB	09/20/00	Bluegill	Whole Body	WB0005	4.1	2.5 J	3.5 J	0.845 J	1.06 J	0.323 J
Lake - Trib5A and HB	09/20/00	Bluegill	Whole Body	WB0006	3.5	0.71 U	2.2 J	0.312 J	0.577 J	0.187 J
Lake - Trib5A and HB	09/22/00	Catfish	Whole Body	WB0009	7.8	1.4 U	1.93	0.773 J	28.9	0.793 J
Lake - Trib5A and HB	09/20/00	Carp	Whole Body	WB0015	17	4.38 J	9.11	6.72	58.9	5.83
Lake - Trib5A and HB	09/20/00	Carp	Whole Body	WB0016	17	3.25 J	18.7	7.17	98.7	7.3
Lake - Trib5A and HB	09/20/00	Carp	Whole Body	WB0017	8.3	12.6	16.4	7.59	47.2	3.89
Lake - Trib5A and HB	09/20/00	Carp	Whole Body	WB0018	12	5.85	11.8	2.88	6.16	1.53 J
Lake - Trib5A and HB	09/22/00	Smallmouth Bass	Whole Body	WB0021	6.9	0.44 U	10.5	0.623 J	2.59	0.176 J
Lake - Trib5A and HB	09/22/00	Smallmouth Bass	Whole Body	WB0022	2.5	0.92 U	4.13	0.349 J	1.35	0.1 U
Lake - Trib5A and HB	09/20/00	Bluegill	Whole Body	WB0033	2.9	0.69 U	1.35 J	0.111 J	0.153 J	0.168 J
Lake - Trib5A and HB	09/22/00	Bluegill	Remains	WB0034	4.3	0.4 U	2.16	0.441 J	0.398 J	0.117 J
Lake - Trib5A and HB	09/22/00	Bluegill	Fillet	WB0034F	2.18	0.43 U	0.896 J	0.314 J	0.144 J	0.1 U
Lake - Trib5A and HB	09/22/00	Bluegill	Remains	WB0035	2.3	0.39 U	0.537 J	0.12 U	0.12 U	0.12 U
Lake - Trib5A and HB	09/22/00	Bluegill	Fillet	WB0035F	1	0.4 U	0.217 J	0.1 U	0.11 J	0.1 U

Table B1-44. (cont.)

Station	Date	Species	Type	Sample Number	Lipid (% wet)	1,2,3,6,7,8-Hexachloro-dibenzofuran ng/kg-ww	1,2,3,7,8,9-Hexachloro-dibenzofuran ng/kg-ww	2,3,4,6,7,8-Hexachloro-dibenzofuran ng/kg-ww	1,2,3,4,6,7,8-Heptachloro-dibenzofuran ng/kg-ww	1,2,3,4,7,8,9-Heptachloro-dibenzofuran ng/kg-ww
Lake - MNMC	09/22/00	Catfish	Whole Body	WB0007	5.9	0.143 J	0.09 U	0.237 J	0.09 U	0.09 U
Lake - MNMC	09/22/00	Catfish	Whole Body	WB0008	7.9	0.283 J	0.1 U	0.197 J	0.186 J	0.1 U
Lake - MNMC	09/19/00	Carp	Whole Body	WB0013	11	0.812 J	0.1 U	0.595 J	0.87 J	0.12 J
Lake - MNMC	09/19/00	Carp	Whole Body	WB0014	15	0.585 J	0.1 U	0.53 J	0.66 J	0.1 U
Lake - MNMC	09/19/00	Smallmouth Bass	Whole Body	WB0019	5.9	0.1 U	0.1 U	0.1 U	0.16 J	0.1 U
Lake - MNMC	09/19/00	Smallmouth Bass	Whole Body	WB0020	8.8	0.1 U	0.1 U	0.1 U	0.101 J	0.1 U
Lake - MNMC	09/22/00	Catfish	Remains	WB0036	8.8	0.185 J	0.1 U	0.257 J	0.115 J	0.1 U
Lake - MNMC	09/22/00	Catfish	Fillet	WB0036F	3.3	0.1 U	0.1 U	0.1 U	0.111 J	0.1 U
Lake - MNMC	09/22/00	Catfish	Remains	WB0037	13.3	0.228 J	0.1 U	0.214 J	0.172 J	0.1 U
Lake - MNMC	09/22/00	Catfish	Fillet	WB0037F	6.4	0.158 J	0.1 U	0.208 J	0.1 U	0.1 U
NMC	09/19/00	Carp	Remains	WB0041	12	3.05	0.162 J	1.04 J	1.53 J	0.263 J
NMC	09/19/00	Carp	Fillet	WB0041F	7.4	2.2 J	0.1 U	0.819 J	1.17 J	0.138 J
NMC	09/19/00	Carp	Remains	WB0042	4	0.235 J	0.1 U	0.262 J	0.1 U	0.1 U
NMC	09/19/00	Carp	Fillet	WB0042F	0.99	0.116 J	0.1 U	0.1 U	0.1 U	0.1 U
NMC	09/19/00	Smallmouth Bass	Remains	WB0046	5	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
NMC	09/19/00	Smallmouth Bass	Fillet	WB0046F	1.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
NMC	09/19/00	Smallmouth Bass	Remains	WB0047	5.8	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
NMC	09/19/00	Smallmouth Bass	Fillet	WB0047F	1.69	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U
Lake - Trib5A and HB	09/20/00	Bluegill	Whole Body	WB0003	1.8	0.109 J	0.1 U	0.1 U	0.626 J	0.15 U
Lake - Trib5A and HB	09/20/00	Bluegill	Whole Body	WB0004	4.1	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Lake - Trib5A and HB	09/20/00	Bluegill	Whole Body	WB0005	4.1	0.13 U	0.13 U	0.13 U	0.398 J	0.14 U
Lake - Trib5A and HB	09/20/00	Bluegill	Whole Body	WB0006	3.5	0.12 U	0.12 U	0.12 U	0.341 J	0.1 U
Lake - Trib5A and HB	09/22/00	Catfish	Whole Body	WB0009	7.8	0.402 J	0.1 U	0.332 J	0.21 J	0.1 U
Lake - Trib5A and HB	09/20/00	Carp	Whole Body	WB0015	17	2.21 J	0.159 J	0.902 J	1.13 J	0.154 J
Lake - Trib5A and HB	09/20/00	Carp	Whole Body	WB0016	17	3.36	0.169 J	1.17 J	1.16 J	0.189 J
Lake - Trib5A and HB	09/20/00	Carp	Whole Body	WB0017	8.3	1.18 J	0.135 J	0.549 J	0.732 J	0.292 J
Lake - Trib5A and HB	09/20/00	Carp	Whole Body	WB0018	12	0.684 J	0.1 U	0.226 J	0.44 J	0.1 U
Lake - Trib5A and HB	09/22/00	Smallmouth Bass	Whole Body	WB0021	6.9	0.1 U	0.1 U	0.1 U	0.168 J	0.1 U
Lake - Trib5A and HB	09/22/00	Smallmouth Bass	Whole Body	WB0022	2.5	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Lake - Trib5A and HB	09/20/00	Bluegill	Whole Body	WB0033	2.9	0.1 U	0.1 U	0.1 U	0.503 J	0.12 U
Lake - Trib5A and HB	09/22/00	Bluegill	Remains	WB0034	4.3	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Lake - Trib5A and HB	09/22/00	Bluegill	Fillet	WB0034F	2.18	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Lake - Trib5A and HB	09/22/00	Bluegill	Remains	WB0035	2.3	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
Lake - Trib5A and HB	09/22/00	Bluegill	Fillet	WB0035F	1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

Table B1-44. (cont.)

Station	Date	Species	Type	Sample Number	Lipid (% wet)	Octachloro-dibenzo-furan ng/kg-ww	Total tetrachloro-dibenzo-dioxins ng/kg-ww	Total pentachloro-dibenzo-dioxins ng/kg-ww	Total hexachloro-dibenzo-dioxins ng/kg-ww	Total heptachloro-dibenzo-dioxins ng/kg-ww
Lake - MNMC	09/22/00	Catfish	Whole Body	WB0007	5.9	0.23 U	1.89	1.74	1.24 J	1.02 J
Lake - MNMC	09/22/00	Catfish	Whole Body	WB0008	7.9	0.1 U	0.1 U	2.11	1.54 J	0.1 U
Lake - MNMC	09/19/00	Carp	Whole Body	WB0013	11	0.4 U	1.89	1.84	4.03	4.94 J
Lake - MNMC	09/19/00	Carp	Whole Body	WB0014	15	0.14 U	1.84	2.01	3.38	4.23
Lake - MNMC	09/19/00	Smallmouth Bass	Whole Body	WB0019	5.9	0.14 U	1.69	0.683 J	0.321 J	1.29 J
Lake - MNMC	09/19/00	Smallmouth Bass	Whole Body	WB0020	8.8	0.13 U	1.3	0.1 U	0.391 J	0.1 U
Lake - MNMC	09/22/00	Catfish	Remains	WB0036	8.8	0.11 U	1.67	1.84	1.28 J	1.1 J
Lake - MNMC	09/22/00	Catfish	Fillet	WB0036F	3.3	0.1 U	0.594 J	0.492 J	0.392 J	0.498 J
Lake - MNMC	09/22/00	Catfish	Remains	WB0037	13.3	0.15 U	2.14	2.2	1.79 J	1.4 J
Lake - MNMC	09/22/00	Catfish	Fillet	WB0037F	6.4	0.1 U	0.94 J	1.03	0.1 U	0.1 U
NMC	09/19/00	Carp	Remains	WB0041	12	0.19 U	1.86	2.55	5.24	5.97
NMC	09/19/00	Carp	Fillet	WB0041F	7.4	0.148 J	1.33	1.72	3.13	4.15
NMC	09/19/00	Carp	Remains	WB0042	4	0.21 U	0.16 U	0.1 U	0.813 J	0.1 U
NMC	09/19/00	Carp	Fillet	WB0042F	0.99	0.1 U	0.383 J	0.1 U	0.1 U	0.21 J
NMC	09/19/00	Smallmouth Bass	Remains	WB0046	5	0.1 U	0.14 U	0.1 U	0.114 J	3.17
NMC	09/19/00	Smallmouth Bass	Fillet	WB0046F	1.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
NMC	09/19/00	Smallmouth Bass	Remains	WB0047	5.8	0.11 U	0.444 J	0.11 U	0.11 U	0.125 J
NMC	09/19/00	Smallmouth Bass	Fillet	WB0047F	1.69	0.12 U	0.11 U	0.11 U	0.11 U	0.16 J
Lake - Trib5A and HB	09/20/00	Bluegill	Whole Body	WB0003	1.8	0.22 U	0.898 J	0.11 U	0.12 U	1.18 J
Lake - Trib5A and HB	09/20/00	Bluegill	Whole Body	WB0004	4.1	0.24 U	0.22 U	0.22 U	0.22 U	0.22 U
Lake - Trib5A and HB	09/20/00	Bluegill	Whole Body	WB0005	4.1	0.39 U	0.41 U	0.316 J	0.625 J	0.332 J
Lake - Trib5A and HB	09/20/00	Bluegill	Whole Body	WB0006	3.5	0.17 U	0.12 U	0.14 U	0.2 U	0.302 J
Lake - Trib5A and HB	09/22/00	Catfish	Whole Body	WB0009	7.8	0.35 U	4.01	0.1 U	1.51 J	1.39 J
Lake - Trib5A and HB	09/20/00	Carp	Whole Body	WB0015	17	0.15 U	2.35	3.11	4.4	5.12
Lake - Trib5A and HB	09/20/00	Carp	Whole Body	WB0016	17	0.2 U	3.22	5.09	6.17	4.47
Lake - Trib5A and HB	09/20/00	Carp	Whole Body	WB0017	8.3	0.34 U	3.31	3.56	4.71	3.92
Lake - Trib5A and HB	09/20/00	Carp	Whole Body	WB0018	12	0.17 U	0.1 U	0.747 J	1.35 J	2.83
Lake - Trib5A and HB	09/22/00	Smallmouth Bass	Whole Body	WB0021	6.9	0.11 U	0.1 U	0.41 J	0.1 U	0.307 J
Lake - Trib5A and HB	09/22/00	Smallmouth Bass	Whole Body	WB0022	2.5	0.12 U	0.225 J	0.1 U	0.1 U	0.253 J
Lake - Trib5A and HB	09/20/00	Bluegill	Whole Body	WB0033	2.9	0.21 U	0.14 U	0.13 U	0.209 J	0.18 U
Lake - Trib5A and HB	09/22/00	Bluegill	Remains	WB0034	4.3	0.1 U	0.537 J	0.138 J	0.221 J	0.1 U
Lake - Trib5A and HB	09/22/00	Bluegill	Fillet	WB0034F	2.18	0.1 U	0.328 J	0.1 U	0.1 U	0.1 U
Lake - Trib5A and HB	09/22/00	Bluegill	Remains	WB0035	2.3	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
Lake - Trib5A and HB	09/22/00	Bluegill	Fillet	WB0035F	1	0.13 U	0.17 U	0.1 U	0.1 U	0.11 U

Table B1-44. (cont.)

Station	Date	Species	Type	Sample Number	Lipid (% wet)	Total tetrachloro-dibenzo-furans ng/kg-ww	Total pentachloro-dibenzo-furans ng/kg-ww	Total hexachloro-dibenzo-furans ng/kg-ww	Total heptachloro-dibenzo-furans ng/kg-ww
Lake - MNMC	09/22/00	Catfish	Whole Body	WB0007	5.9	1.91	8.04	0.689 J	0.137 J
Lake - MNMC	09/22/00	Catfish	Whole Body	WB0008	7.9	1.29	9.15	0.1 U	0.1 U
Lake - MNMC	09/19/00	Carp	Whole Body	WB0013	11	10.2	13.8	3.75	0.16 J
Lake - MNMC	09/19/00	Carp	Whole Body	WB0014	15	9.44	9.51	0.1 U	0.236 J
Lake - MNMC	09/19/00	Smallmouth Bass	Whole Body	WB0019	5.9	7.36	6.68	0.551 J	0.1 U
Lake - MNMC	09/19/00	Smallmouth Bass	Whole Body	WB0020	8.8	9.47	4.66	0.324 J	0.1 U
Lake - MNMC	09/22/00	Catfish	Remains	WB0036	8.8	1.32	6.25	0.282 J	0.166 J
Lake - MNMC	09/22/00	Catfish	Fillet	WB0036F	3.3	0.423 J	1.61	0.127 J	0.1 U
Lake - MNMC	09/22/00	Catfish	Remains	WB0037	13.3	3.55	9.94	0.708 J	0.172 J
Lake - MNMC	09/22/00	Catfish	Fillet	WB0037F	6.4	1.48	4.94	0.346 J	0.1 U
NMC	09/19/00	Carp	Remains	WB0041	12	9.93	31.1	10.3	0.168 J
NMC	09/19/00	Carp	Fillet	WB0041F	7.4	8.54	24.7	8.78	1.6 J
NMC	09/19/00	Carp	Remains	WB0042	4	0.14 U	2.28	1.44 J	0.1 U
NMC	09/19/00	Carp	Fillet	WB0042F	0.99	0.733 J	0.11 U	0.18 J	0.1 U
NMC	09/19/00	Smallmouth Bass	Remains	WB0046	5	5.9	1.51	0.1 U	0.1 U
NMC	09/19/00	Smallmouth Bass	Fillet	WB0046F	1.1	0.857 J	0.1 U	0.1 U	0.1 U
NMC	09/19/00	Smallmouth Bass	Remains	WB0047	5.8	7.08	1.98	0.12 J	0.11 U
NMC	09/19/00	Smallmouth Bass	Fillet	WB0047F	1.69	1.93	0.31 J	0.11 U	0.11 U
Lake - Trib5A and HB	09/20/00	Bluegill	Whole Body	WB0003	1.8	3.09 J	3.95	0.803 J	0.15 U
Lake - Trib5A and HB	09/20/00	Bluegill	Whole Body	WB0004	4.1	2.07 J	0.48 J	0.229 J	0.22 U
Lake - Trib5A and HB	09/20/00	Bluegill	Whole Body	WB0005	4.1	3.44 J	1.9 J	0.13 U	0.14 U
Lake - Trib5A and HB	09/20/00	Bluegill	Whole Body	WB0006	3.5	2.29 J	0.12 U	0.12 U	0.1 U
Lake - Trib5A and HB	09/22/00	Catfish	Whole Body	WB0009	7.8	2.34	30.6	0.734 J	0.445 J
Lake - Trib5A and HB	09/20/00	Carp	Whole Body	WB0015	17	9.19	66.4	9.54	1.61 J
Lake - Trib5A and HB	09/20/00	Carp	Whole Body	WB0016	17	21.3	109	12	1.56 J
Lake - Trib5A and HB	09/20/00	Carp	Whole Body	WB0017	8.3	19	56.1	6.55	0.95 J
Lake - Trib5A and HB	09/20/00	Carp	Whole Body	WB0018	12	13.2	9.36	1.76 J	0.1 U
Lake - Trib5A and HB	09/22/00	Smallmouth Bass	Whole Body	WB0021	6.9	10.5	3.55	0.176 J	0.1 U
Lake - Trib5A and HB	09/22/00	Smallmouth Bass	Whole Body	WB0022	2.5	4.22	1.35	0.1 U	0.1 U
Lake - Trib5A and HB	09/20/00	Bluegill	Whole Body	WB0033	2.9	1.6 J	0.1 U	0.168 J	0.12 U
Lake - Trib5A and HB	09/22/00	Bluegill	Remains	WB0034	4.3	2.08	0.839 J	0.247 J	0.1 U
Lake - Trib5A and HB	09/22/00	Bluegill	Fillet	WB0034F	2.18	0.84 J	0.314 J	0.1 U	0.1 U
Lake - Trib5A and HB	09/22/00	Bluegill	Remains	WB0035	2.3	0.475 J	0.12 U	0.12 U	0.12 U
Lake - Trib5A and HB	09/22/00	Bluegill	Fillet	WB0035F	1	0.235 J	0.1 U	0.1 U	0.1 U

Table B1-44. (cont.)

Station	Date	Species	Type	Sample Number	Lipid (% wet)	2,3,7,8-Tetra-chlorodibenzo-dioxin ng/kg-ww	1,2,3,7,8-Pentachloro-dibenzodioxin ng/kg-ww	1,2,3,4,7,8-Hexachloro-dibenzodioxin ng/kg-ww	1,2,3,6,7,8-Hexachloro-dibenzodioxin ng/kg-ww
Lake - Trib5A and HB	09/20/00	Carp	Remains	WB0043	12.3	1.67	2.56	0.715 J	2.5 J
Lake - Trib5A and HB	09/20/00	Carp	Fillet	WB0043F	7.1	0.592 J	0.917 J	0.275 J	0.792 J
Lake - Trib5A and HB	09/20/00	Carp	Remains	WB0044	22	1.08	1.67	0.812 J	2.84
Lake - Trib5A and HB	09/20/00	Carp	Fillet	WB0044F	14	0.736 J	1.16	0.513 J	1.81 J
Lake - Trib5A and HB	09/20/00	Carp	Remains	WB0045	19	3.39	6.35	1.87 J	6.4
Lake - Trib5A and HB	09/20/00	Carp	Fillet	WB0045F	9.4	2.03	3.48	1.05 J	3.23
Bloody Brook	09/19/00	Bluegill	YOY	YF0019	3.1	0.195 J	0.175 J	0.16 U	0.16 U
Bloody Brook	09/19/00	Pumpkinseed	YOY	YF0020	3.8	0.397 J	0.25 J	0.1 U	0.146 J
Harbor Brook	09/21/00	Bluegill	YOY	YF0010	3	0.483 J	0.428 J	0.2 U	0.222 J
Ley Creek	09/21/00	Bluegill	YOY	YF0007	3.1	0.776 J	0.342 J	0.14 U	0.309 J
Ley Creek	09/21/00	Largemouth Bass	YOY	YF0008	2.45	0.276 J	0.123 J	0.1 U	0.14 J
Ley Creek	09/21/00	Pumpkinseed	YOY	YF0009	3.2	0.838 J	0.352 J	0.1 U	0.201 J
Lower East Flume	09/21/00	Bluegill	YOY	YF0004	3.8	0.532 J	0.612 J	0.14 U	0.278 J
Mouth of Ninemile Creek	09/22/00	Largemouth Bass	YOY	YF0003	1.4	0.12 U	0.12 U	0.12 U	0.12 U
Ninemile Creek	09/19/00	Pumpkinseed	YOY	YF0001	4.5	0.155 J	0.132 J	0.1 U	0.1 U
Ninemile Creek	09/19/00	Bluegill	YOY	YF0002	3.3	0.16 U	0.16 U	0.16 U	0.16 U
Onondaga Creek	09/21/00	Largemouth Bass	YOY	YF0013	2.4	0.349 J	0.258 J	0.1 U	0.1 U
Onondaga Creek	09/21/00	Bluegill	YOY	YF0014	3.2	0.4 J	0.381 J	0.17 U	0.25 J
Onondaga Creek	09/21/00	Pumpkinseed	YOY	YF0015	4	0.438 J	0.249 J	0.1 U	0.16 J
Sawmill Creek	09/22/00	Bluegill	YOY	YF0016	2.6	0.17 U	0.1 U	0.1 U	0.132 J
Sawmill Creek	09/22/00	Pumpkinseed	YOY	YF0017	4.5	0.336 J	0.399 J	0.2 U	0.243 J

Table B1-44. (cont.)

Station	Date	Species	Type	Sample Number	Lipid (% wet)	1,2,3,7,8,9-Hexachloro-dibenzodioxin ng/kg-ww	1,2,3,4,6,7,8-Heptachloro-dibenzodioxin ng/kg-ww
Lake - Trib5A and HB	09/20/00	Carp	Remains	WB0043	12.3	0.609 J	4.02
Lake - Trib5A and HB	09/20/00	Carp	Fillet	WB0043F	7.1	0.25 J	1.48 J
Lake - Trib5A and HB	09/20/00	Carp	Remains	WB0044	22	0.798 J	8.09
Lake - Trib5A and HB	09/20/00	Carp	Fillet	WB0044F	14	0.55 J	5.23
Lake - Trib5A and HB	09/20/00	Carp	Remains	WB0045	19	1.2 J	5.57
Lake - Trib5A and HB	09/20/00	Carp	Fillet	WB0045F	9.4	0.583 J	2.87
Bloody Brook	09/19/00	Bluegill	YOY	YF0019	3.1	0.16 U	0.322 J
Bloody Brook	09/19/00	Pumpkinseed	YOY	YF0020	3.8	0.1 U	0.328 J
Harbor Brook	09/21/00	Bluegill	YOY	YF0010	3	0.2 U	0.807 J
Ley Creek	09/21/00	Bluegill	YOY	YF0007	3.1	0.24 J	0.831 J
Ley Creek	09/21/00	Largemouth Bass	YOY	YF0008	2.45	0.1 U	0.205 J
Ley Creek	09/21/00	Pumpkinseed	YOY	YF0009	3.2	0.1 U	0.683 J
Lower East Flume	09/21/00	Bluegill	YOY	YF0004	3.8	0.14 U	0.578 J
Mouth of Ninemile Creek	09/22/00	Largemouth Bass	YOY	YF0003	1.4	0.12 U	0.12 J
Ninemile Creek	09/19/00	Pumpkinseed	YOY	YF0001	4.5	0.1 U	0.153 J
Ninemile Creek	09/19/00	Bluegill	YOY	YF0002	3.3	0.16 U	0.186 J
Onondaga Creek	09/21/00	Largemouth Bass	YOY	YF0013	2.4	0.1 U	0.222 J
Onondaga Creek	09/21/00	Bluegill	YOY	YF0014	3.2	0.17 U	0.564 J
Onondaga Creek	09/21/00	Pumpkinseed	YOY	YF0015	4	0.1 U	0.303 J
Sawmill Creek	09/22/00	Bluegill	YOY	YF0016	2.6	0.1 U	0.553 J
Sawmill Creek	09/22/00	Pumpkinseed	YOY	YF0017	4.5	0.2 U	0.899 J

Table B1-44. (cont.)

Station	Date	Species	Type	Sample Number	Lipid (% wet)	Octachloro-dibenzo-dioxin ng/kg-ww	2,3,7,8-Tetrachloro-dibenzofuran ng/kg-ww	1,2,3,7,8-Pentachloro-dibenzofuran ng/kg-ww	2,3,4,7,8-Pentachloro-dibenzofuran ng/kg-ww	1,2,3,4,7,8-Hexachloro-dibenzofuran ng/kg-ww
Lake - Trib5A and HB	09/20/00	Carp	Remains	WB0043	12.3	3.03 J	7.13	2.84 J	16.4	2.54
Lake - Trib5A and HB	09/20/00	Carp	Fillet	WB0043F	7.1	1.4 U	2.44	1.04	6.03	0.893 J
Lake - Trib5A and HB	09/20/00	Carp	Remains	WB0044	22	7.01	15.6	2.29	4.8	1.2 J
Lake - Trib5A and HB	09/20/00	Carp	Fillet	WB0044F	14	5.18	10	1.41	3.58	0.811 J
Lake - Trib5A and HB	09/20/00	Carp	Remains	WB0045	19	2.6 J	64.1	27.1	114	21
Lake - Trib5A and HB	09/20/00	Carp	Fillet	WB0045F	9.4	2.12 J	32.5	15.3	59.2	11.3
Bloody Brook	09/19/00	Bluegill	YOY	YF0019	3.1	1.6 U	1.17 J	0.16 U	0.376 J	0.16 U
Bloody Brook	09/19/00	Pumpkinseed	YOY	YF0020	3.8	1.6 U	1.78	0.194 J	0.658 J	0.1 U
Harbor Brook	09/21/00	Bluegill	YOY	YF0010	3	3.3 J	4.74	0.839 J	2.62	0.566 J
Ley Creek	09/21/00	Bluegill	YOY	YF0007	3.1	4.07 J	1.58	0.321 J	0.68 J	0.208 J
Ley Creek	09/21/00	Largemouth Bass	YOY	YF0008	2.45	0.79 U	1.26	0.1 U	0.602 J	0.1 U
Ley Creek	09/21/00	Pumpkinseed	YOY	YF0009	3.2	3.64 J	1.95	0.3 J	0.638 J	0.156 J
Lower East Flume	09/21/00	Bluegill	YOY	YF0004	3.8	2.05 J	6.04	1.11 J	5.62	0.398 J
Mouth of Ninemile Creek	09/22/00	Largemouth Bass	YOY	YF0003	1.4	0.49 U	0.663 J	0.12 U	0.173 J	0.12 U
Ninemile Creek	09/19/00	Pumpkinseed	YOY	YF0001	4.5	0.64 U	3.22	0.376 J	0.1 U	0.159 J
Ninemile Creek	09/19/00	Bluegill	YOY	YF0002	3.3	0.83 U	2.79	0.25 J	0.62 J	0.168 J
Onondaga Creek	09/21/00	Largemouth Bass	YOY	YF0013	2.4	0.8 U	0.993	0.152 J	0.992 J	0.1 U
Onondaga Creek	09/21/00	Bluegill	YOY	YF0014	3.2	2.25 J	2.38	0.613 J	1.69	0.309 J
Onondaga Creek	09/21/00	Pumpkinseed	YOY	YF0015	4	1.1 U	3.78	0.1 U	0.939 J	0.139 J
Sawmill Creek	09/22/00	Bluegill	YOY	YF0016	2.6	2.73 J	0.766 J	0.101 J	0.242 J	0.1 U
Sawmill Creek	09/22/00	Pumpkinseed	YOY	YF0017	4.5	4.33 J	2.31	0.2 U	0.2 U	0.2 U

Table B1-44. (cont.)

Station	Date	Species	Type	Sample Number	Lipid (% wet)	1,2,3,6,7,8-Hexachloro-dibenzofuran ng/kg-ww	1,2,3,7,8,9-Hexachloro-dibenzofuran ng/kg-ww	2,3,4,6,7,8-Hexachloro-dibenzofuran ng/kg-ww	1,2,3,4,6,7,8-Heptachloro-dibenzofuran ng/kg-ww	1,2,3,4,7,8,9-Heptachloro-dibenzofuran ng/kg-ww
Lake - Trib5A and HB	09/20/00	Carp	Remains	WB0043	12.3	1.21 J	0.1 U	0.504 J	0.82 J	0.11 J
Lake - Trib5A and HB	09/20/00	Carp	Fillet	WB0043F	7.1	0.442 J	0.1 U	0.226 J	0.24 J	0.1 U
Lake - Trib5A and HB	09/20/00	Carp	Remains	WB0044	22	0.705 J	0.1 U	0.471 J	1.1 J	0.1 U
Lake - Trib5A and HB	09/20/00	Carp	Fillet	WB0044F	14	0.541 J	0.1 U	0.369 J	0.714 J	0.1 U
Lake - Trib5A and HB	09/20/00	Carp	Remains	WB0045	19	7.8	0.247 J	1.91 J	1.8 J	0.435 J
Lake - Trib5A and HB	09/20/00	Carp	Fillet	WB0045F	9.4	3.84	0.202 J	0.971 J	1.08 J	0.306 J
Bloody Brook	09/19/00	Bluegill	YOY	YF0019	3.1	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Bloody Brook	09/19/00	Pumpkinseed	YOY	YF0020	3.8	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Harbor Brook	09/21/00	Bluegill	YOY	YF0010	3	0.2 U	0.2 U	0.2 U	0.247 J	0.2 U
Ley Creek	09/21/00	Bluegill	YOY	YF0007	3.1	0.14 U	0.14 U	0.14 U	0.268 J	0.14 U
Ley Creek	09/21/00	Largemouth Bass	YOY	YF0008	2.45	0.1 U	0.1 U	0.1 J	0.1 U	0.1 U
Ley Creek	09/21/00	Pumpkinseed	YOY	YF0009	3.2	0.1 U	0.1 U	0.1 U	0.179 J	0.1 U
Lower East Flume	09/21/00	Bluegill	YOY	YF0004	3.8	0.14 U	0.14 U	0.14 U	0.277 J	0.14 U
Mouth of Ninemile Creek	09/22/00	Largemouth Bass	YOY	YF0003	1.4	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
Ninemile Creek	09/19/00	Pumpkinseed	YOY	YF0001	4.5	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Ninemile Creek	09/19/00	Bluegill	YOY	YF0002	3.3	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Onondaga Creek	09/21/00	Largemouth Bass	YOY	YF0013	2.4	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Onondaga Creek	09/21/00	Bluegill	YOY	YF0014	3.2	0.151 J	0.12 U	0.12 U	0.282 J	0.19 U
Onondaga Creek	09/21/00	Pumpkinseed	YOY	YF0015	4	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Sawmill Creek	09/22/00	Bluegill	YOY	YF0016	2.6	0.111 J	0.1 U	0.1 U	0.1 U	0.1 U
Sawmill Creek	09/22/00	Pumpkinseed	YOY	YF0017	4.5	0.2 U	0.2 U	0.2 U	0.259 J	0.2 U

Table B1-44. (cont.)

Station	Date	Species	Type	Sample Number	Lipid (% wet)	Octachloro-dibenzo-furan ng/kg-ww	Total tetrachloro-dibenzo-dioxins ng/kg-ww	Total pentachloro-dibenzo-dioxins ng/kg-ww	Total hexachloro-dibenzo-dioxins ng/kg-ww	Total heptachloro-dibenzo-dioxins ng/kg-ww
Lake - Trib5A and HB	09/20/00	Carp	Remains	WB0043	12.3	0.17 U	1.67	2.63	1.78	4.39
Lake - Trib5A and HB	09/20/00	Carp	Fillet	WB0043F	7.1	0.1 U	0.592 J	0.917 J	1.53 J	1.48 J
Lake - Trib5A and HB	09/20/00	Carp	Remains	WB0044	22	0.1 U	1.08	1.67	4.11	10.1
Lake - Trib5A and HB	09/20/00	Carp	Fillet	WB0044F	14	0.19 U	0.1 U	1.16	1.06 J	6.37
Lake - Trib5A and HB	09/20/00	Carp	Remains	WB0045	19	0.24 U	3.39	6.67	8.37	6.6
Lake - Trib5A and HB	09/20/00	Carp	Fillet	WB0045F	9.4	0.12 U	2.03	3.48	4.86	2.87
Bloody Brook	09/19/00	Bluegill	YOY	YF0019	3.1	0.16 U	0.195 J	0.175 J	0.16 U	0.333 J
Bloody Brook	09/19/00	Pumpkinseed	YOY	YF0020	3.8	0.16 U	0.397 J	0.25 J	0.146 J	0.839 J
Harbor Brook	09/21/00	Bluegill	YOY	YF0010	3	0.403 J	0.483 J	0.2 U	0.2 U	0.51 J
Ley Creek	09/21/00	Bluegill	YOY	YF0007	3.1	0.38 J	0.413 J	0.342 J	0.14 U	0.14 U
Ley Creek	09/21/00	Largemouth Bass	YOY	YF0008	2.45	0.1 U	0.17 J	0.1 U	0.1 U	0.13 J
Ley Creek	09/21/00	Pumpkinseed	YOY	YF0009	3.2	0.427 J	0.838 J	0.352 J	0.341 J	0.683 J
Lower East Flume	09/21/00	Bluegill	YOY	YF0004	3.8	0.36 J	0.722 J	0.612 J	0.14 U	1.04 J
Mouth of Ninemile Creek	09/22/00	Largemouth Bass	YOY	YF0003	1.4	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
Ninemile Creek	09/19/00	Pumpkinseed	YOY	YF0001	4.5	0.278 J	1.27	0.1 U	0.1 U	0.1 U
Ninemile Creek	09/19/00	Bluegill	YOY	YF0002	3.3	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Onondaga Creek	09/21/00	Largemouth Bass	YOY	YF0013	2.4	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Onondaga Creek	09/21/00	Bluegill	YOY	YF0014	3.2	0.318 J	2.33	0.12 U	0.17 U	0.564 J
Onondaga Creek	09/21/00	Pumpkinseed	YOY	YF0015	4	0.149 J	1.32	0.249 J	0.16 J	0.204 J
Sawmill Creek	09/22/00	Bluegill	YOY	YF0016	2.6	0.409 J	0.17 U	0.1 U	0.1 U	0.1 U
Sawmill Creek	09/22/00	Pumpkinseed	YOY	YF0017	4.5	0.644 J	0.336 J	0.2 U	0.243 J	1.51 J

Table B1-44. (cont.)

Station	Date	Species	Type	Sample Number	Lipid (% wet)	Total tetrachloro-dibenzo-furans ng/kg-ww	Total pentachloro-dibenzo-furans ng/kg-ww	Total hexachloro-dibenzo-furans ng/kg-ww	Total heptachloro-dibenzo-furans ng/kg-ww
Lake - Trib5A and HB	09/20/00	Carp	Remains	WB0043	12.3	7.49	17.9	3.52	0.885 J
Lake - Trib5A and HB	09/20/00	Carp	Fillet	WB0043F	7.1	2.62	7.07	1.34 J	0.24 J
Lake - Trib5A and HB	09/20/00	Carp	Remains	WB0044	22	20.7	11	3.96	1.34 J
Lake - Trib5A and HB	09/20/00	Carp	Fillet	WB0044F	14	13	7.65	2.02 J	0.938 J
Lake - Trib5A and HB	09/20/00	Carp	Remains	WB0045	19	67.6	149	31.4	2.44 J
Lake - Trib5A and HB	09/20/00	Carp	Fillet	WB0045F	9.4	33.9	77.4	17	1.21 J
Bloody Brook	09/19/00	Bluegill	YOY	YF0019	3.1	1.12 J	0.668 J	0.16 U	0.16 U
Bloody Brook	09/19/00	Pumpkinseed	YOY	YF0020	3.8	2.27	1.23	0.172 J	0.1 U
Harbor Brook	09/21/00	Bluegill	YOY	YF0010	3	4.65	3.78	0.556 J	0.2 U
Ley Creek	09/21/00	Bluegill	YOY	YF0007	3.1	0.62 J	1.25 J	0.14 U	0.529 J
Ley Creek	09/21/00	Largemouth Bass	YOY	YF0008	2.45	1.31	0.655 J	0.1 U	0.1 U
Ley Creek	09/21/00	Pumpkinseed	YOY	YF0009	3.2	3.05	1.19	0.151 J	0.446 J
Lower East Flume	09/21/00	Bluegill	YOY	YF0004	3.8	7.81	7.09	0.398 J	0.277 J
Mouth of Ninemile Creek	09/22/00	Largemouth Bass	YOY	YF0003	1.4	0.553 J	0.173 J	0.12 U	0.12 U
Ninemile Creek	09/19/00	Pumpkinseed	YOY	YF0001	4.5	3.22	0.1 U	0.1 U	0.1 U
Ninemile Creek	09/19/00	Bluegill	YOY	YF0002	3.3	2.4	0.87 J	0.16 U	0.16 U
Onondaga Creek	09/21/00	Largemouth Bass	YOY	YF0013	2.4	0.93 J	0.152 J	0.1 U	0.1 U
Onondaga Creek	09/21/00	Bluegill	YOY	YF0014	3.2	2.68	3.07	0.684 J	0.282 J
Onondaga Creek	09/21/00	Pumpkinseed	YOY	YF0015	4	3.99	1.09	0.1 U	0.1 U
Sawmill Creek	09/22/00	Bluegill	YOY	YF0016	2.6	0.897 J	0.1 U	0.1 U	0.1 U
Sawmill Creek	09/22/00	Pumpkinseed	YOY	YF0017	4.5	1.96 J	0.542 J	0.2 U	0.425 J

Notes:
(1) Lake - Trib5A and HB is in the lake between Tributary 5A and Harbor Brook
(2) Lake - MNMC is in the lake near the mouth of Ninemile Creek
(3) NMC - In lower Ninemile Creek
(4) YOY - Young-of-year fish

Table B1-45. Inorganics and Total Solids in Fish Tissue

Station	Date	Species	Sample Number	Type	Total Solids	Aluminum mg/kg-ww	Antimony mg/kg-ww	Arsenic mg/kg-ww	Barium mg/kg-ww	Beryllium mg/kg-ww
Lake - MNMC	9/22/2000	Catfish	WB0007	Whole Body	25.9	33.8	0.02 U	0.5 U	4.94	0.02
Lake - MNMC	9/22/2000	Catfish	WB0008	Whole Body	25.6	19	0.02 U	0.49 U	2.61	0.03
Lake - MNMC	9/19/2000	Carp	WB0013	Whole Body	31.2	115 J	0.05 U	0.49 U	2.05	0.02 U
Lake - MNMC	9/19/2000	Carp	WB0014	Whole Body	35.6	32.8 J	0.05 U	0.7	6.73	0.02 U
Lake - MNMC	9/19/2000	Smallmouth Bass	WB0019	Whole Body	26.7	4.96 U	0.02 U	1.6	1.37	0.02 U
Lake - MNMC	9/19/2000	Smallmouth Bass	WB0020	Whole Body	29.9	13.7 J	0.05 U	1.1	1.32	0.02 U
Lake - MNMC	9/22/2000	Catfish	WB0036	Remains	32.4	5.5 J	0.05 U	0.5 U	2.21	0.02 U
Lake - MNMC	9/22/2000	Catfish	WB0036F	Fillet	23.4	5.3	0.05 U	0.5 U	0.04	0.02 U
Lake - MNMC	9/22/2000	Catfish	WB0037	Remains	36.7	7.9	0.05 U	0.48 U	1.26	0.02
Lake - MNMC	9/22/2000	Catfish	WB0037F	Fillet	24.4	4.88 U	0.05 U	0.49 U	0.08	0.02
NMC	9/19/2000	Carp	WB0041	Remains	36.5	9.3	0.02 U	0.5 U	3.49	0.03 J
NMC	9/19/2000	Carp	WB0041F	Fillet	28	4.88 U	0.02 U	0.5 U	0.3	0.02
NMC	9/19/2000	Carp	WB0042	Remains	29.1	19.9	0.02 U	0.48 U	3.79	0.025 J
NMC	9/19/2000	Carp	WB0042F	Fillet	20.6	9.4	0.02 U	0.5 U	0.16	0.03 J
NMC	9/19/2000	Smallmouth Bass	WB0046	Remains	29.4	15	0.05 U	1	1.11	0.02 U
NMC	9/19/2000	Smallmouth Bass	WB0046F	Fillet	22.1	12.6	0.05 U	0.9	0.11	0.02 U
NMC	9/19/2000	Smallmouth Bass	WB0047	Remains	29.9	15.1	0.02 U	1.1	1.45	0.03 J
NMC	9/19/2000	Smallmouth Bass	WB0047F	Fillet	22.3	10.7	0.02 U	1.1	0.15	0.02 U
Lake - Trib5A and HB	9/20/2000	Bluegill	WB0003	Whole Body	21.6	22.1	0.02 U	0.6	4.22	0.02
Lake - Trib5A and HB	9/20/2000	Bluegill	WB0004	Whole Body	25.8	37.9	0.02 U	0.7	3.7	0.02 U
Lake - Trib5A and HB	9/20/2000	Bluegill	WB0005	Whole Body	23.4	37.9	0.02 U	0.49 U	3.14	0.02 U
Lake - Trib5A and HB	9/20/2000	Bluegill	WB0006	Whole Body	26.5	5.2	0.02 U	0.49 U	4.5	0.02 U
Lake - Trib5A and HB	9/22/2000	Catfish	WB0009	Whole Body	27.1	19.1	0.02 U	0.5 U	4.39	0.02
Lake - Trib5A and HB	9/20/2000	Carp	WB0015	Whole Body	35.9	4.87 U	0.05 U	1.3	0.75	0.02 U
Lake - Trib5A and HB	9/20/2000	Carp	WB0016	Whole Body	35.7	5.5 J	0.05 U	0.8	4.9	0.02 U
Lake - Trib5A and HB	9/20/2000	Carp	WB0017	Whole Body	28.3	11.3 J	0.05 U	0.49 U	3.09	0.02 U
Lake - Trib5A and HB	9/20/2000	Carp	WB0018	Whole Body	33.4	12.8 J	0.05 U	2	2.98	0.02 U
Lake - Trib5A and HB	9/22/2000	Smallmouth Bass	WB0021	Whole Body	29.3	25.2	0.02 U	1.8	0.71	0.02 U
Lake - Trib5A and HB	9/22/2000	Smallmouth Bass	WB0022	Whole Body	24.7	20.7	0.02 U	1.4	1.86	0.02 U
Lake - Trib5A and HB	9/20/2000	Bluegill	WB0033	Whole Body	23.6	4.94 U	0.02 U	0.49 U	4.01	0.02 U
Lake - Trib5A and HB	9/22/2000	Bluegill	WB0034	Remains	30.8	6.2 J	0.05 U	0.49 U	4.17	0.02 U
Lake - Trib5A and HB	9/22/2000	Bluegill	WB0034F	Fillet	22.5	4.89 U	0.05 U	0.49 U	0.78	0.02 U
Lake - Trib5A and HB	9/22/2000	Bluegill	WB0035	Remains	28.3	5.2 J	0.05 U	0.49 U	2.71	0.02 U
Lake - Trib5A and HB	9/22/2000	Bluegill	WB0035F	Fillet	20.6	4.84 U	0.05 U	0.48 U	0.74	0.02 U
Lake - Trib5A and HB	9/20/2000	Carp	WB0043	Remains	34.2	7 J	0.05 U	0.5	3.13	0.02 U

Table B1-45. (cont.)

Station	Date	Species	Sample Number	Type	Total Solids	Cadmium mg/kg-ww	Calcium mg/kg-ww	Chromium mg/kg-ww	Cobalt mg/kg-ww
Lake - MNMC	9/22/2000	Catfish	WB0007	Whole Body	25.9	0.06	38,200	1 U	0.25
Lake - MNMC	9/22/2000	Catfish	WB0008	Whole Body	25.6	0.11	30,400	1.3	0.58
Lake - MNMC	9/19/2000	Carp	WB0013	Whole Body	31.2	0.18	23,100	4.8	0.355
Lake - MNMC	9/19/2000	Carp	WB0014	Whole Body	35.6	0.15	32,800	2.3	0.33
Lake - MNMC	9/19/2000	Smallmouth Bass	WB0019	Whole Body	26.7	0.05 U	34,900	0.99 U	0.32
Lake - MNMC	9/19/2000	Smallmouth Bass	WB0020	Whole Body	29.9	0.05 U	28,900	0.98 U	0.26
Lake - MNMC	9/22/2000	Catfish	WB0036	Remains	32.4	0.05 U	51,200 J	1 U	0.25
Lake - MNMC	9/22/2000	Catfish	WB0036F	Fillet	23.4	0.05 U	389 J	0.99 U	0.02 U
Lake - MNMC	9/22/2000	Catfish	WB0037	Remains	36.7	0.05 U	36,900 J	0.97 U	0.3
Lake - MNMC	9/22/2000	Catfish	WB0037F	Fillet	24.4	0.05 U	1,060 J	0.98 U	0.08
NMC	9/19/2000	Carp	WB0041	Remains	36.5	0.05 U	55,000	0.97 U	0.22
NMC	9/19/2000	Carp	WB0041F	Fillet	28	0.05 U	2,620	1 U	0.03
NMC	9/19/2000	Carp	WB0042	Remains	29.1	0.89	87,000	0.97 U	0.44
NMC	9/19/2000	Carp	WB0042F	Fillet	20.6	0.48	2,360	1 U	0.09
NMC	9/19/2000	Smallmouth Bass	WB0046	Remains	29.4	0.05 U	49,900 J	1 U	0.22
NMC	9/19/2000	Smallmouth Bass	WB0046F	Fillet	22.1	0.05 U	2,330 J	0.99 U	0.02
NMC	9/19/2000	Smallmouth Bass	WB0047	Remains	29.9	0.05 U	59,500	1 U	0.24
NMC	9/19/2000	Smallmouth Bass	WB0047F	Fillet	22.3	0.05 U	4,250	0.99 U	0.03
Lake - Trib5A and HB	9/20/2000	Bluegill	WB0003	Whole Body	21.6	0.07	58,500	3	0.39
Lake - Trib5A and HB	9/20/2000	Bluegill	WB0004	Whole Body	25.8	0.05 U	34,900	3.5	0.33
Lake - Trib5A and HB	9/20/2000	Bluegill	WB0005	Whole Body	23.4	0.05 U	39,300	14.1	0.34
Lake - Trib5A and HB	9/20/2000	Bluegill	WB0006	Whole Body	26.5	0.05 U	50,900	3.3	0.41
Lake - Trib5A and HB	9/22/2000	Catfish	WB0009	Whole Body	27.1	0.07	25,800	1.3	0.63
Lake - Trib5A and HB	9/20/2000	Carp	WB0015	Whole Body	35.9	0.28	15,300	1.2	0.33
Lake - Trib5A and HB	9/20/2000	Carp	WB0016	Whole Body	35.7	0.15	22,000	0.99 U	0.25
Lake - Trib5A and HB	9/20/2000	Carp	WB0017	Whole Body	28.3	0.11	32,100	3	0.49
Lake - Trib5A and HB	9/20/2000	Carp	WB0018	Whole Body	33.4	0.11	13,500	1.7	0.36
Lake - Trib5A and HB	9/22/2000	Smallmouth Bass	WB0021	Whole Body	29.3	0.05 U	31,700	0.98 U	0.14
Lake - Trib5A and HB	9/22/2000	Smallmouth Bass	WB0022	Whole Body	24.7	0.05 U	41,300	0.97 U	0.2
Lake - Trib5A and HB	9/20/2000	Bluegill	WB0033	Whole Body	23.6	0.05 U	46,300	0.99 U	0.21
Lake - Trib5A and HB	9/22/2000	Bluegill	WB0034	Remains	30.8	0.05 U	84,100 J	3.6	0.47
Lake - Trib5A and HB	9/22/2000	Bluegill	WB0034F	Fillet	22.5	0.05 U	16,500 J	0.98 U	0.1
Lake - Trib5A and HB	9/22/2000	Bluegill	WB0035	Remains	28.3	0.05 U	90,400 J	6.2	0.63
Lake - Trib5A and HB	9/22/2000	Bluegill	WB0035F	Fillet	20.6	0.05 U	24,400 J	0.97 U	0.2
Lake - Trib5A and HB	9/20/2000	Carp	WB0043	Remains	34.2	0.05 U	45,200 J	0.98 U	0.23

Table B1-45. (cont.)

Station	Date	Species	Sample Number	Type	Total Solids	Copper mg/kg-ww	Cyanide mg/kg-ww	Iron mg/kg-ww	Lead mg/kg-ww	Magnesium mg/kg-ww	Manganese mg/kg-ww
Lake - MNMC	9/22/2000	Catfish	WB0007	Whole Body	25.9	3.1	0.48 U	77.6	0.54	1,290	9.87
Lake - MNMC	9/22/2000	Catfish	WB0008	Whole Body	25.6	2.1	0.48 U	91.1	0.69	1,140	7.25
Lake - MNMC	9/19/2000	Carp	WB0013	Whole Body	31.2	2.85	0.4 U	225 J	0.48	1,190	5.07
Lake - MNMC	9/19/2000	Carp	WB0014	Whole Body	35.6	3.61	0.4 U	126 J	0.42	1,020	16.7
Lake - MNMC	9/19/2000	Smallmouth Bass	WB0019	Whole Body	26.7	1.5	0.48 U	59.3	0.04	1,360	1.65
Lake - MNMC	9/19/2000	Smallmouth Bass	WB0020	Whole Body	29.9	1.53	0.4 U	62.3 J	0.04	1,220	1.85
Lake - MNMC	9/22/2000	Catfish	WB0036	Remains	32.4	2.1	0.48 U	31.8	0.37	1,400	45.3
Lake - MNMC	9/22/2000	Catfish	WB0036F	Fillet	23.4	3.1	0.41 U	13.8	0.02	1,030	0.44
Lake - MNMC	9/22/2000	Catfish	WB0037	Remains	36.7	1.9	0.48 U	22.9	0.28	1,040	5.3
Lake - MNMC	9/22/2000	Catfish	WB0037F	Fillet	24.4	2	0.41 U	15	0.07	989	0.51
NMC	9/19/2000	Carp	WB0041	Remains	36.5	2.2	0.48 U	49.6	0.39	1,520	6.58
NMC	9/19/2000	Carp	WB0041F	Fillet	28	2.7	0.48 U	48.6	0.04	814	0.74
NMC	9/19/2000	Carp	WB0042	Remains	29.1	5.4	0.48 U	87.8	1.87	2,000	12.6
NMC	9/19/2000	Carp	WB0042F	Fillet	20.6	5	0.48 U	74.9	0.1	1,040	1.06
NMC	9/19/2000	Smallmouth Bass	WB0046	Remains	29.4	11.8	0.48 U	38.3	0.06	1,590	2.4
NMC	9/19/2000	Smallmouth Bass	WB0046F	Fillet	22.1	10.2	0.92 U	10.3	0.02	1,380	0.48
NMC	9/19/2000	Smallmouth Bass	WB0047	Remains	29.9	5	0.79 U	40.2	0.1	1,780	6.88
NMC	9/19/2000	Smallmouth Bass	WB0047F	Fillet	22.3	4.8	0.48 U	15.3	0.02 U	1,360	0.89
Lake - Trib5A and HB	9/20/2000	Bluegill	WB0003	Whole Body	21.6	15.6	0.48 U	68.5	0.59	1,960	12.8
Lake - Trib5A and HB	9/20/2000	Bluegill	WB0004	Whole Body	25.8	18.7	0.79 U	66.6	0.19	1,500	9.56
Lake - Trib5A and HB	9/20/2000	Bluegill	WB0005	Whole Body	23.4	12.2	0.48 U	126	0.44	1,540	9.78
Lake - Trib5A and HB	9/20/2000	Bluegill	WB0006	Whole Body	26.5	5.4	0.48 U	70.9	0.26	1,690	7.49
Lake - Trib5A and HB	9/22/2000	Catfish	WB0009	Whole Body	27.1	2.2	0.48 U	116	0.4	1,050	5.22
Lake - Trib5A and HB	9/20/2000	Carp	WB0015	Whole Body	35.9	2.28	0.4 U	70.7 J	0.19	876	2.89
Lake - Trib5A and HB	9/20/2000	Carp	WB0016	Whole Body	35.7	3.1	0.4 U	72.3 J	0.26	906	3.45
Lake - Trib5A and HB	9/20/2000	Carp	WB0017	Whole Body	28.3	3.21	0.4 U	115 J	0.48	1,190	5.43
Lake - Trib5A and HB	9/20/2000	Carp	WB0018	Whole Body	33.4	4.11	0.4 U	102 J	0.22	863	4.23
Lake - Trib5A and HB	9/22/2000	Smallmouth Bass	WB0021	Whole Body	29.3	3.1	0.48 U	42.5	0.07	1,200	1.63
Lake - Trib5A and HB	9/22/2000	Smallmouth Bass	WB0022	Whole Body	24.7	3.7	0.48 U	67	0.1	1,630	3.69
Lake - Trib5A and HB	9/20/2000	Bluegill	WB0033	Whole Body	23.6	1.5	0.48 U	31.1	0.08	1,670	4.62
Lake - Trib5A and HB	9/22/2000	Bluegill	WB0034	Remains	30.8	2	0.79 U	39.1	0.23	1,880	8.9
Lake - Trib5A and HB	9/22/2000	Bluegill	WB0034F	Fillet	22.5	1.3	0.92 U	11.4	0.05	1,430	1.88
Lake - Trib5A and HB	9/22/2000	Bluegill	WB0035	Remains	28.3	1.3	0.79 U	61.7	0.21	2,250	20.5
Lake - Trib5A and HB	9/22/2000	Bluegill	WB0035F	Fillet	20.6	1.3	14.3	18.3	0.08	1,610	5.51
Lake - Trib5A and HB	9/20/2000	Carp	WB0043	Remains	34.2	2	0.48 U	45.5	0.29	1,340	5.2

Table B1-45. (cont.)

Station	Date	Species	Sample Number	Type	Total Solids	Total Mercury µg/kg-ww	Nickel mg/kg-ww	Potassium mg/kg-ww	Selenium mg/kg-ww	Silver mg/kg-ww	Sodium mg/kg-ww
Lake - MNMC	9/22/2000	Catfish	WB0007	Whole Body	25.9	350	2.6	9,190	1 U	0.02	4,260
Lake - MNMC	9/22/2000	Catfish	WB0008	Whole Body	25.6	395	2	9,230	0.98 U	0.05	4,590
Lake - MNMC	9/19/2000	Carp	WB0013	Whole Body	31.2	332	3.02	10,100	1.5	0.02 U	3,550
Lake - MNMC	9/19/2000	Carp	WB0014	Whole Body	35.6	244	2.09	7,780	1.2	0.05	2,740
Lake - MNMC	9/19/2000	Smallmouth Bass	WB0019	Whole Body	26.7	1020	1.8	10,500	0.99 U	0.02	3,880
Lake - MNMC	9/19/2000	Smallmouth Bass	WB0020	Whole Body	29.9	1050	1.55	11,800	0.98 U	0.02 U	4,500
Lake - MNMC	9/22/2000	Catfish	WB0036	Remains	32.4	347	3.2	6,910	1 U	0.02 U	4,740
Lake - MNMC	9/22/2000	Catfish	WB0036F	Fillet	23.4	661	0.6	17,700	1.2	0.02 U	2,270
Lake - MNMC	9/22/2000	Catfish	WB0037	Remains	36.7	312	2.6	5,560	1.36	0.02 U	3,570
Lake - MNMC	9/22/2000	Catfish	WB0037F	Fillet	24.4	541	0.3	14,200	1.4	0.02 U	2,230
NMC	9/19/2000	Carp	WB0041	Remains	36.5	391	3	6,550	0.97 U	0.04	3,260
NMC	9/19/2000	Carp	WB0041F	Fillet	28	467	0.4	10,400	0.98 U	0.02 U	1,870
NMC	9/19/2000	Carp	WB0042	Remains	29.1	734	5.4	7,320	1.35	0.02 U	6,310
NMC	9/19/2000	Carp	WB0042F	Fillet	20.6	904	0.7	15,300	2.4	0.03	3,210
NMC	9/19/2000	Smallmouth Bass	WB0046	Remains	29.4	479	5.9	9,590	1.87	0.02 U	5,250
NMC	9/19/2000	Smallmouth Bass	WB0046F	Fillet	22.1	773	2.9	17,600	1.9	0.02 U	2,880
NMC	9/19/2000	Smallmouth Bass	WB0047	Remains	29.9	379	4.1	8,830	1.1	0.02	4,710
NMC	9/19/2000	Smallmouth Bass	WB0047F	Fillet	22.3	555	1.8	17,700	1.4	0.02 U	2,970
Lake - Trib5A and HB	9/20/2000	Bluegill	WB0003	Whole Body	21.6	542	6.5	11,900	0.98 U	0.02 U	5,380
Lake - Trib5A and HB	9/20/2000	Bluegill	WB0004	Whole Body	25.8	321	7.2	12,100	1.2	0.02 U	4,370
Lake - Trib5A and HB	9/20/2000	Bluegill	WB0005	Whole Body	23.4	186	14	11,200	0.97 U	0.02 U	4,520
Lake - Trib5A and HB	9/20/2000	Bluegill	WB0006	Whole Body	26.5	183	5.3	11,700	1.3	0.02 U	4,490
Lake - Trib5A and HB	9/22/2000	Catfish	WB0009	Whole Body	27.1	936	2	9,520	1.3	0.03	4,340
Lake - Trib5A and HB	9/20/2000	Carp	WB0015	Whole Body	35.9	434	1.38	7,970	0.97 U	0.02 U	2,510
Lake - Trib5A and HB	9/20/2000	Carp	WB0016	Whole Body	35.7	361	1.54	8,380	0.99 U	0.03	2,530
Lake - Trib5A and HB	9/20/2000	Carp	WB0017	Whole Body	28.3	309	2.57	11,600	0.98 U	0.04	4,080
Lake - Trib5A and HB	9/20/2000	Carp	WB0018	Whole Body	33.4	175	1.46	8,940	1.2	0.05	2,980
Lake - Trib5A and HB	9/22/2000	Smallmouth Bass	WB0021	Whole Body	29.3	455	2.3	10,300	0.98 U	0.02 U	3,530
Lake - Trib5A and HB	9/22/2000	Smallmouth Bass	WB0022	Whole Body	24.7	486	2.5	12,600	1.1	0.02 U	4,890
Lake - Trib5A and HB	9/20/2000	Bluegill	WB0033	Whole Body	23.6	182	2.6	12,300	0.99 U	0.02 U	4,270
Lake - Trib5A and HB	9/22/2000	Bluegill	WB0034	Remains	30.8	281	6.1	7,170	1.04	0.02 U	5,670
Lake - Trib5A and HB	9/22/2000	Bluegill	WB0034F	Fillet	22.5	439	0.9	16,400	1.5	0.02 U	2,980
Lake - Trib5A and HB	9/22/2000	Bluegill	WB0035	Remains	28.3	129	7.1	8,740	0.98	0.02 U	6,460
Lake - Trib5A and HB	9/22/2000	Bluegill	WB0035F	Fillet	20.6	230	1.9	15,600	1.6	0.02 U	2,870
Lake - Trib5A and HB	9/20/2000	Carp	WB0043	Remains	34.2	287	2.6	6,810	1.1	0.02 U	3,320

Table B1-45. (cont.)

Station	Date	Species	Sample Number	Type	Total Solids	Thallium mg/kg-ww	Vanadium mg/kg-ww	Zinc mg/kg-ww
Lake - MNMC	9/22/2000	Catfish	WB0007	Whole Body	25.9	0.02 U	1	73.8
Lake - MNMC	9/22/2000	Catfish	WB0008	Whole Body	25.6	0.02 U	1.1	53.6
Lake - MNMC	9/19/2000	Carp	WB0013	Whole Body	31.2	0.02 U	1	364
Lake - MNMC	9/19/2000	Carp	WB0014	Whole Body	35.6	0.02 U	0.5	241
Lake - MNMC	9/19/2000	Smallmouth Bass	WB0019	Whole Body	26.7	0.02 U	0.8	36.7
Lake - MNMC	9/19/2000	Smallmouth Bass	WB0020	Whole Body	29.9	0.02 U	0.24	47.8
Lake - MNMC	9/22/2000	Catfish	WB0036	Remains	32.4	0.02 U	0.7	72.5
Lake - MNMC	9/22/2000	Catfish	WB0036F	Fillet	23.4	0.02 U	0.79	23.7 J
Lake - MNMC	9/22/2000	Catfish	WB0037	Remains	36.7	0.02 U	0.66	57.5
Lake - MNMC	9/22/2000	Catfish	WB0037F	Fillet	24.4	0.02 U	0.97	20.1 J
NMC	9/19/2000	Carp	WB0041	Remains	36.5	0.02 U	1.2	175
NMC	9/19/2000	Carp	WB0041F	Fillet	28	0.02 U	0.7	63.6
NMC	9/19/2000	Carp	WB0042	Remains	29.1	0.02 U	1.7	198
NMC	9/19/2000	Carp	WB0042F	Fillet	20.6	0.02 U	1.4	46.3
NMC	9/19/2000	Smallmouth Bass	WB0046	Remains	29.4	0.02 U	0.78	51.8
NMC	9/19/2000	Smallmouth Bass	WB0046F	Fillet	22.1	0.02 U	0.83	25.6 J
NMC	9/19/2000	Smallmouth Bass	WB0047	Remains	29.9	0.02 U	1.3	48.7
NMC	9/19/2000	Smallmouth Bass	WB0047F	Fillet	22.3	0.02 U	0.4	23
Lake - Trib5A and HB	9/20/2000	Bluegill	WB0003	Whole Body	21.6	0.02 U	1	108
Lake - Trib5A and HB	9/20/2000	Bluegill	WB0004	Whole Body	25.8	0.02 U	0.8	73.2
Lake - Trib5A and HB	9/20/2000	Bluegill	WB0005	Whole Body	23.4	0.02 U	0.9	81.7
Lake - Trib5A and HB	9/20/2000	Bluegill	WB0006	Whole Body	26.5	0.02 U	1.2	73.4
Lake - Trib5A and HB	9/22/2000	Catfish	WB0009	Whole Body	27.1	0.02 U	1	67.3
Lake - Trib5A and HB	9/20/2000	Carp	WB0015	Whole Body	35.9	0.02 U	0.34	247
Lake - Trib5A and HB	9/20/2000	Carp	WB0016	Whole Body	35.7	0.02 U	0.56	234
Lake - Trib5A and HB	9/20/2000	Carp	WB0017	Whole Body	28.3	0.02 U	0.48	174
Lake - Trib5A and HB	9/20/2000	Carp	WB0018	Whole Body	33.4	0.02 U	0.33	425
Lake - Trib5A and HB	9/22/2000	Smallmouth Bass	WB0021	Whole Body	29.3	0.02 U	0.7	35.3
Lake - Trib5A and HB	9/22/2000	Smallmouth Bass	WB0022	Whole Body	24.7	0.02 U	0.4	55.6
Lake - Trib5A and HB	9/20/2000	Bluegill	WB0033	Whole Body	23.6	0.02 U	0.8	68.9
Lake - Trib5A and HB	9/22/2000	Bluegill	WB0034	Remains	30.8	0.02 U	0.82	85.4
Lake - Trib5A and HB	9/22/2000	Bluegill	WB0034F	Fillet	22.5	0.02 U	0.58	35.1 J
Lake - Trib5A and HB	9/22/2000	Bluegill	WB0035	Remains	28.3	0.02 U	0.78	126
Lake - Trib5A and HB	9/22/2000	Bluegill	WB0035F	Fillet	20.6	0.02 U	0.47	53.7 J
Lake - Trib5A and HB	9/20/2000	Carp	WB0043	Remains	34.2	0.02 U	0.73	192

Table B1-45. (cont.)

Station	Date	Species	Sample Number	Type	Total Solids	Aluminum mg/kg-ww	Antimony mg/kg-ww	Arsenic mg/kg-ww	Barium mg/kg-ww	Beryllium mg/kg-ww
Lake - Trib5A and HB	9/20/2000	Carp	WB0043F	Fillet	24.5	5.5	0.05 U	0.5 U	0.13	0.02 U
Lake - Trib5A and HB	9/20/2000	Carp	WB0044	Remains	42.0	8.3	0.05 U	1.1	3.92	0.035
Lake - Trib5A and HB	9/20/2000	Carp	WB0044F	Fillet	33.9	4.86 U	0.05 U	1	0.2	0.03
Lake - Trib5A and HB	9/20/2000	Carp	WB0045	Remains	39.3	7.8 J	0.05 U	1	3.86	0.02 U
Lake - Trib5A and HB	9/20/2000	Carp	WB0045F	Fillet	29.1	5.9	0.05 U	1.05	0.1	0.02
Bloody Brook	9/19/2000	Bluegill	YF0019	YOY	22.6	21.6	0.05 U	0.8	4.75	0.02
Bloody Brook	9/19/2000	Pumpkinseed	YF0020	YOY	24.8	16.3	0.05 U	1	3.91	0.03
Harbor Brook	9/21/2000	Bluegill	YF0010	YOY	22.6	50.4	0.05 U	0.6	3.44	0.02 U
Ley Creek	9/21/2000	Bluegill	YF0007	YOY	22.8	57	0.05 U	0.5	4.59	0.03
Ley Creek	9/21/2000	Largemouth Bass	YF0008	YOY	23.7	5	0.05 U	0.8	1.23	0.02
Ley Creek	9/21/2000	Pumpkinseed	YF0009	YOY	24.9	66.2	0.05 U	0.6	4.66	0.02
Lower East Flume	9/21/2000	Bluegill	YF0004	YOY	21.9	30	0.05 U	1.5	3.88	0.03
Mouth of Ninemile Cree	9/22/2000	Largemouth Bass	YF0003	YOY	19.3	11.5	0.05 U	0.6	2.01	0.02 U
Ninemile Creek	9/19/2000	Pumpkinseed	YF0001	YOY	25.4	29.7	0.05 U	0.5	3.32	0.03
Ninemile Creek	9/19/2000	Bluegill	YF0002	YOY	22.7	25.5	0.05 U	0.6	5.17	0.02 U
Onondaga Creek	9/21/2000	Largemouth Bass	YF0013	YOY	22.7	6.4	0.05 U	0.5 U	0.73	0.02 U
Onondaga Creek	9/21/2000	Bluegill	YF0014	YOY	21.1	60.2	0.05 U	0.5	4.02	0.03
Onondaga Creek	9/21/2000	Pumpkinseed	YF0015	YOY	25.9	20.4	0.05 U	0.5	4.34	0.02
Sawmill Creek	9/22/2000	Bluegill	YF0016	YOY	21.4	10.6	0.05 U	0.5	4.46	0.02 U
Sawmill Creek	9/22/2000	Pumpkinseed	YF0017	YOY	25	33.3	0.05 U	0.7	3.85	0.02

Table B1-45. (cont.)

Station	Date	Species	Sample Number	Type	Total Solids	Cadmium mg/kg-ww	Calcium mg/kg-ww	Chromium mg/kg-ww	Cobalt mg/kg-ww
Lake - Trib5A and HB	9/20/2000	Carp	WB0043F	Fillet	24.5	0.05 U	1,380 J	0.97 U	0.03
Lake - Trib5A and HB	9/20/2000	Carp	WB0044	Remains	42.0	0.05 U	39,500 J	0.99 U	0.545
Lake - Trib5A and HB	9/20/2000	Carp	WB0044F	Fillet	33.9	0.05 U	1,300 J	0.97 U	0.02 U
Lake - Trib5A and HB	9/20/2000	Carp	WB0045	Remains	39.3	0.05 U	42,400 J	0.98 U	0.21
Lake - Trib5A and HB	9/20/2000	Carp	WB0045F	Fillet	29.1	0.05 U	880 J	0.97 U	0.02 U
Bloody Brook	9/19/2000	Bluegill	YF0019	YOY	22.6	0.22	42,800 J	0.97 U	0.67
Bloody Brook	9/19/2000	Pumpkinseed	YF0020	YOY	24.8	0.23	44,600 J	0.97 U	0.66
Harbor Brook	9/21/2000	Bluegill	YF0010	YOY	22.6	0.05 U	40,700 J	0.97 U	0.57
Ley Creek	9/21/2000	Bluegill	YF0007	YOY	22.8	0.06	49,900 J	0.98 U	0.61
Ley Creek	9/21/2000	Largemouth Bass	YF0008	YOY	23.7	0.05 U	34,700 J	0.98 U	0.54
Ley Creek	9/21/2000	Pumpkinseed	YF0009	YOY	24.9	0.11	56,300 J	0.99 U	0.68
Lower East Flume	9/21/2000	Bluegill	YF0004	YOY	21.9	0.05 U	38,200 J	0.98 U	0.49
Mouth of Ninemile Cree	9/22/2000	Largemouth Bass	YF0003	YOY	19.3	0.05 U	44,000 J	0.99 U	0.67
Ninemile Creek	9/19/2000	Pumpkinseed	YF0001	YOY	25.4	0.05 U	57,400 J	0.98 U	0.81
Ninemile Creek	9/19/2000	Bluegill	YF0002	YOY	22.7	0.07	41,300 J	0.99 U	0.56
Onondaga Creek	9/21/2000	Largemouth Bass	YF0013	YOY	22.7	0.05 U	38,800 J	0.99 U	0.49
Onondaga Creek	9/21/2000	Bluegill	YF0014	YOY	21.1	0.06	37,000 J	0.99 U	0.53
Onondaga Creek	9/21/2000	Pumpkinseed	YF0015	YOY	25.9	0.05 U	41,100 J	0.99 U	0.65
Sawmill Creek	9/22/2000	Bluegill	YF0016	YOY	21.4	0.2	43,600 J	0.99 U	0.53
Sawmill Creek	9/22/2000	Pumpkinseed	YF0017	YOY	25	0.09	45,400 J	1	0.6

Table B1-45. (cont.)

Station	Date	Species	Sample Number	Type	Total Solids	Copper mg/kg-ww	Cyanide mg/kg-ww	Iron mg/kg-ww	Lead mg/kg-ww	Magnesium mg/kg-ww	Manganese mg/kg-ww
Lake - Trib5A and HB	9/20/2000	Carp	WB0043F	Fillet	24.5	3.1	0.41 U	44	0.02	992	0.58
Lake - Trib5A and HB	9/20/2000	Carp	WB0044	Remains	42.0	2.6	0.48 U	25.1	0.205	1,100	10.6
Lake - Trib5A and HB	9/20/2000	Carp	WB0044F	Fillet	33.9	3	1.7	19.8	0.02 U	738	0.77
Lake - Trib5A and HB	9/20/2000	Carp	WB0045	Remains	39.3	2.1	0.48 U	35.3	0.36	1,160	8.4
Lake - Trib5A and HB	9/20/2000	Carp	WB0045F	Fillet	29.1	2.3	0.41 U	26	0.03	862	0.45
Bloody Brook	9/19/2000	Bluegill	YF0019	YOY	22.6	4.9	0.79 U	78.3	0.2	1,820	8.4
Bloody Brook	9/19/2000	Pumpkinseed	YF0020	YOY	24.8	3.1	0.79 U	68.4	0.2	1,710	7.1
Harbor Brook	9/21/2000	Bluegill	YF0010	YOY	22.6	3.2	0.79 U	123	0.95	1,910	6.9
Ley Creek	9/21/2000	Bluegill	YF0007	YOY	22.8	3.3	0.79 U	102	0.43	1,900	11.6
Ley Creek	9/21/2000	Largemouth Bass	YF0008	YOY	23.7	2	0.79 U	37.8	0.06	1,690	2.8
Ley Creek	9/21/2000	Pumpkinseed	YF0009	YOY	24.9	4.2	0.79 U	136	0.49	1,990	13.8
Lower East Flume	9/21/2000	Bluegill	YF0004	YOY	21.9	2.8	0.79 U	74.2	0.28	1,750	8
Mouth of Ninemile Cree	9/22/2000	Largemouth Bass	YF0003	YOY	19.3	2.6	0.79 U	45.2	0.14	1,800	5
Ninemile Creek	9/19/2000	Pumpkinseed	YF0001	YOY	25.4	2.8	0.48 U	84	0.2	1,820	9.6
Ninemile Creek	9/19/2000	Bluegill	YF0002	YOY	22.7	3.1	0.79 U	77.2	0.31	1,780	8
Onondaga Creek	9/21/2000	Largemouth Bass	YF0013	YOY	22.7	2.3	0.79 U	36.3	0.06	1,710	2.6
Onondaga Creek	9/21/2000	Bluegill	YF0014	YOY	21.1	3.1	0.79 U	137	0.51	1,700	8.5
Onondaga Creek	9/21/2000	Pumpkinseed	YF0015	YOY	25.9	3	0.79 U	77.6	0.24	1,630	7.1
Sawmill Creek	9/22/2000	Bluegill	YF0016	YOY	21.4	2.9	0.48 U	51.6	0.12	1,850	8.9
Sawmill Creek	9/22/2000	Pumpkinseed	YF0017	YOY	25	3.2	0.79 U	71.2	0.09	1,700	10.6

Table B1-45. (cont.)

Station	Date	Species	Sample Number	Type	Total Solids	Total Mercury µg/kg-ww	Nickel mg/kg-ww	Potassium mg/kg-ww	Selenium mg/kg-ww	Silver mg/kg-ww	Sodium mg/kg-ww
Lake - Trib5A and HB	9/20/2000	Carp	WB0043F	Fillet	24.5	428	0.3	14,600	2.2	0.02 U	1,760
Lake - Trib5A and HB	9/20/2000	Carp	WB0044	Remains	42.0	217	8.2	5,450	0.99 U	0.02 U	2,790
Lake - Trib5A and HB	9/20/2000	Carp	WB0044F	Fillet	33.9	381	0.7	9,880	1.1	0.02 U	1,120
Lake - Trib5A and HB	9/20/2000	Carp	WB0045	Remains	39.3	223	2.5	5,450	0.98 U	0.02 U	2,890
Lake - Trib5A and HB	9/20/2000	Carp	WB0045F	Fillet	29.1	461	0.45	12,100	1.7	0.02 U	1,220
Bloody Brook	9/19/2000	Bluegill	YF0019	YOY	22.6	65.8	10	13,500	1.45	0.02 U	4,350
Bloody Brook	9/19/2000	Pumpkinseed	YF0020	YOY	24.8	54.5	8.9	12,300	1.18	0.02 U	4,630
Harbor Brook	9/21/2000	Bluegill	YF0010	YOY	22.6	137	8.3	13,400	1.67	0.02	4,030
Ley Creek	9/21/2000	Bluegill	YF0007	YOY	22.8	54.2	8.6	12,900	1.37	0.02 U	4,310
Ley Creek	9/21/2000	Largemouth Bass	YF0008	YOY	23.7	95.6	8.1	14,600	1.21	0.02 U	4,550
Ley Creek	9/21/2000	Pumpkinseed	YF0009	YOY	24.9	48.1	9.6	12,400	1.14	0.02	4,570
Lower East Flume	9/21/2000	Bluegill	YF0004	YOY	21.9	178	6.6	13,500	2.56	0.02 U	3,730
Mouth of Ninemile Cree	9/22/2000	Largemouth Bass	YF0003	YOY	19.3	156	9.9	13,600	0.99 U	0.02 U	3,100
Ninemile Creek	9/19/2000	Pumpkinseed	YF0001	YOY	25.4	144	13	12,300	0.98 U	0.02 U	4,330
Ninemile Creek	9/19/2000	Bluegill	YF0002	YOY	22.7	224	8.2	13,200	1.35	0.03	4,120
Onondaga Creek	9/21/2000	Largemouth Bass	YF0013	YOY	22.7	79	7.2	14,200	1.05	0.02 U	4,690
Onondaga Creek	9/21/2000	Bluegill	YF0014	YOY	21.1	97.1	7	13,900	1.51	0.03	4,340
Onondaga Creek	9/21/2000	Pumpkinseed	YF0015	YOY	25.9	96.6	9.9	12,400	0.99 U	0.03	4,400
Sawmill Creek	9/22/2000	Bluegill	YF0016	YOY	21.4	87.5	7.7	14,200	1.52	0.02 U	4,530
Sawmill Creek	9/22/2000	Pumpkinseed	YF0017	YOY	25	104	8.5	12,000	0.97 U	0.02 U	4,260

Table B1-45. (cont.)

Station	Date	Species	Sample Number	Type	Total Solids	Thallium mg/kg-ww	Vanadium mg/kg-ww	Zinc mg/kg-ww
Lake - Trib5A and HB	9/20/2000	Carp	WB0043F	Fillet	24.5	0.02 U	0.73	47.8 J
Lake - Trib5A and HB	9/20/2000	Carp	WB0044	Remains	42.0	0.02 U	0.73	183
Lake - Trib5A and HB	9/20/2000	Carp	WB0044F	Fillet	33.9	0.02 U	0.45	54.2 J
Lake - Trib5A and HB	9/20/2000	Carp	WB0045	Remains	39.3	0.02 U	0.41	219
Lake - Trib5A and HB	9/20/2000	Carp	WB0045F	Fillet	29.1	0.02 U	0.525	73.8 J
Bloody Brook	9/19/2000	Bluegill	YF0019	YOY	22.6	0.02 U	1.2	127
Bloody Brook	9/19/2000	Pumpkinseed	YF0020	YOY	24.8	0.02	1.28	96.9
Harbor Brook	9/21/2000	Bluegill	YF0010	YOY	22.6	0.02 U	1.17	143
Ley Creek	9/21/2000	Bluegill	YF0007	YOY	22.8	0.02 U	1.13	130
Ley Creek	9/21/2000	Largemouth Bass	YF0008	YOY	23.7	0.02 U	1.13	80.5
Ley Creek	9/21/2000	Pumpkinseed	YF0009	YOY	24.9	0.02 U	1.35	115
Lower East Flume	9/21/2000	Bluegill	YF0004	YOY	21.9	0.02 U	1.23	139
Mouth of Ninemile Cree	9/22/2000	Largemouth Bass	YF0003	YOY	19.3	0.02 U	0.72	92.9
Ninemile Creek	9/19/2000	Pumpkinseed	YF0001	YOY	25.4	0.02 U	1.06	100
Ninemile Creek	9/19/2000	Bluegill	YF0002	YOY	22.7	0.02 U	1.12	136
Onondaga Creek	9/21/2000	Largemouth Bass	YF0013	YOY	22.7	0.02 U	1.05	80.9
Onondaga Creek	9/21/2000	Bluegill	YF0014	YOY	21.1	0.02 U	1.32	134
Onondaga Creek	9/21/2000	Pumpkinseed	YF0015	YOY	25.9	0.02 U	1.29	97.3
Sawmill Creek	9/22/2000	Bluegill	YF0016	YOY	21.4	0.02 U	1.06	154
Sawmill Creek	9/22/2000	Pumpkinseed	YF0017	YOY	25	0.02 U	0.96	112

Notes:
(1) Lake - Trib5A and HB is in the lake between Tributary 5A and Harbor Brook
(2) Lake - MNMC is in the lake near the mouth of Ninemile Creek
(3) NMC - In lower Ninemile Creek
(4) YOY - Young-of-year fish

Table B1-46. Field Information for Fish Samples

Sample Number	Station	Station Description	Area Collected	Date	Common Name	Organ	Length (cm)	Mass (g)	Sex	Age (yrs)
WB0007	MNMC	Lake	Mouth of Ninemile Creek	9/22/2000	Channel Catfish	Whole Body	51.2	1,561	M	12
WB0008	MNMC	Lake	Mouth of Ninemile Creek	9/22/2000	Channel Catfish	Whole Body	50.4	1,362	M	14
WB0013	MNMC	Lake	Mouth of Ninemile Creek	9/19/2000	Carp	Whole Body	68.6	4,937	F	9
WB0014	MNMC	Lake	Mouth of Ninemile Creek	9/19/2000	Carp	Whole Body	64.2	4,200	F	7
WB0019	MNMC	Lake	Mouth of Ninemile Creek	9/19/2000	Smallmouth Bass	Whole Body	44.8	1,192	M	8
WB0020	MNMC	Lake	Mouth of Ninemile Creek	9/19/2000	Smallmouth Bass	Whole Body	46	1,589	F	8
WB0036	MNMC	Lake	Mouth of Ninemile Creek	9/22/2000	Channel Catfish	Remainder	53.5	1,476	M	12
WB0036F	MNMC	Lake	Mouth of Ninemile Creek	9/22/2000	Channel Catfish	Fillet	53.5	1,476	M	12
WB0037	MNMC	Lake	Mouth of Ninemile Creek	9/22/2000	Channel Catfish	Remainder	50.2	1,277	F	9
WB0037F	MNMC	Lake	Mouth of Ninemile Creek	9/22/2000	Channel Catfish	Fillet	50.2	1,277	F	9
WB0041	NMC	Ninemile Creek	Ninemile Creek	9/19/2000	Carp	Remainder	58.7	2,724	M	7
WB0041F	NMC	Ninemile Creek	Ninemile Creek	9/19/2000	Carp	Fillet	58.7	2,724	M	7
WB0042	NMC	Ninemile Creek	Ninemile Creek	9/19/2000	Carp	Remainder	59	2,667	M	10
WB0042F	NMC	Ninemile Creek	Ninemile Creek	9/19/2000	Carp	Fillet	59	2,667	M	10
WB0046	NMC	Ninemile Creek	Ninemile Creek	9/19/2000	Smallmouth Bass	Remainder	31.1	420	M	5
WB0046F	NMC	Ninemile Creek	Ninemile Creek	9/19/2000	Smallmouth Bass	Fillet	31.1	420	M	5
WB0047	NMC	Ninemile Creek	Ninemile Creek	9/19/2000	Smallmouth Bass	Remainder	29.7	415	M	5
WB0047F	NMC	Ninemile Creek	Ninemile Creek	9/19/2000	Smallmouth Bass	Fillet	29.7	415	M	5
WB0003	TRIB5AHB	Lake	Tributary 5A-Harbor Brook	9/20/2000	Bluegill	Whole Body	15.9	79	M	3
WB0004	TRIB5AHB	Lake	Tributary 5A-Harbor Brook	9/20/2000	Bluegill	Whole Body	15.8	99	F	3
WB0005	TRIB5AHB	Lake	Tributary 5A-Harbor Brook	9/20/2000	Bluegill	Whole Body	15.8	78	M	2
WB0006	TRIB5AHB	Lake	Tributary 5A-Harbor Brook	9/20/2000	Bluegill	Whole Body	14	53	F	2
WB0009	TRIB5AHB	Lake	Tributary 5A-Harbor Brook	9/22/2000	Channel Catfish	Whole Body	50.5	1,305	F	16
WB0015	TRIB5AHB	Lake	Tributary 5A-Harbor Brook	9/20/2000	Carp	Whole Body	71.2	6,470	F	12
WB0016	TRIB5AHB	Lake	Tributary 5A-Harbor Brook	9/20/2000	Carp	Whole Body	59	3,405	M	8
WB0017	TRIB5AHB	Lake	Tributary 5A-Harbor Brook	9/20/2000	Carp	Whole Body	63	4,029	F	8
WB0018	TRIB5AHB	Lake	Tributary 5A-Harbor Brook	9/20/2000	Carp	Whole Body	58.7	3,206	F	8
WB0021	TRIB5AHB	Lake	Tributary 5A-Harbor Brook	9/22/2000	Smallmouth Bass	Whole Body	35.6	601	F	5
WB0022	TRIB5AHB	Lake	Tributary 5A-Harbor Brook	9/22/2000	Smallmouth Bass	Whole Body	31.6	397	M	6
WB0033	TRIB5AHB	Lake	Tributary 5A-Harbor Brook	9/20/2000	Bluegill	Whole Body	11.5	26	F	1
WB0034	TRIB5AHB	Lake	Tributary 5A-Harbor Brook	9/22/2000	Bluegill	Remainder	18.9	160	M	3
WB0034F	TRIB5AHB	Lake	Tributary 5A-Harbor Brook	9/22/2000	Bluegill	Fillet	18.9	160	M	3
WB0035	TRIB5AHB	Lake	Tributary 5A-Harbor Brook	9/22/2000	Bluegill	Remainder	17.6	122	M	4

Table B1-46. (cont.)

Sample Number	Station	Station Description	Area Collected	Date	Common Name	Organ	Length (cm)	Mass (g)	Sex	Age (yrs)
WB0035F	TRIB5AHB	Lake	Tributary 5A-Harbor Brook	9/22/2000	Bluegill	Fillet	17.6	122	M	4
WB0043	TRIB5AHB	Lake	Tributary 5A-Harbor Brook	9/20/2000	Carp	Remainder	56.3	2,639	M	7
WB0043F	TRIB5AHB	Lake	Tributary 5A-Harbor Brook	9/20/2000	Carp	Fillet	56.3	2,639	M	7
WB0044	TRIB5AHB	Lake	Tributary 5A-Harbor Brook	9/20/2000	Carp	Remainder	60.3	3,433	F	8
WB0044F	TRIB5AHB	Lake	Tributary 5A-Harbor Brook	9/20/2000	Carp	Fillet	60.3	3,433	F	8
WB0045	TRIB5AHB	Lake	Tributary 5A-Harbor Brook	9/20/2000	Carp	Remainder	57.5	2,894	F	7
WB0045F	TRIB5AHB	Lake	Tributary 5A-Harbor Brook	9/20/2000	Carp	Fillet	57.5	2,894	F	7
YF0019	BB	Bloody Brook		9/19/2000	Bluegill					
YF0020	BB	Bloody Brook		9/19/2000	Pumpkinseed					
YF0010	HB	Harbor Brook		9/21/2000	Bluegill					
YF0007	LC	Ley Creek		9/21/2000	Bluegill					
YF0008	LC	Ley Creek		9/21/2000	LMBass					
YF0009	LC	Ley Creek		9/21/2000	Pumpkinseed					
YF0004	LEF	Lower East Flume		9/21/2000	Bluegill					
YF0003	MNMC	Mouth of Ninemile Creek		9/22/2000	LMBass					
YF0001	NMC	Ninemile Creek		9/19/2000	Pumpkinseed					
YF0002	NMC	Ninemile Creek		9/19/2000	Bluegill					
YF0013	OC	Onondaga Creek		9/21/2000	LMBass					
YF0014	OC	Onondaga Creek		9/21/2000	Bluegill					
YF0015	OC	Onondaga Creek		9/21/2000	Pumpkinseed					
YF0016	SC	Sawmill Creek		9/22/2000	Bluegill					
YF0017	SC	Sawmill Creek		9/22/2000	Pumpkinseed					

Note: "YF" samples are young-of-year fish

Table B1-47. Total Mercury, Methylmercury, and Total Solids in Benthic Macroinvertebrates

Station	Date	Species	Duplicate	Sample Number	Total Mercury (µg/kg-ww)	Methylmercury (µg/kg-ww)	Total solids (%-ww)
OT6	8/3/2000	AMPH		AP0017	7.3	4.4	15.3
OT6	8/3/2000	CHIR		CM0017	39 U	65.8 U	
OT6	8/3/2000	OLIG		OG0017	25 U	38.1 U	
OT7	8/3/2000	AMPH		AP0018	13 U	26.3 U	
OT7	8/3/2000	CHIR		CM0018	11	11.8 U	
S305	8/2/2000	AMPH		AP0016	37	22.5	
S305	8/2/2000	CHIR		CM0016	69	5.4	13.5
S305	8/2/2000	OLIG		OG0016	102	3.7 U	
S317	8/1/2000	AMPH		AP0014	132	251 U	
S317	8/1/2000	CHIR		CM0014	567	20.5	
S317	8/1/2000	OLIG		OG0014	747 U	1,020 U	
S323	8/1/2000	CHIR		CM0013	74	4.6	13.1
S323	8/1/2000	OLIG		OG0013	89	2.89 U	
S332	7/28/2000	AMPH		AP0001	380	33.2	
S332	7/28/2000	CHIR		CM0001	781	8.8	
S332	7/28/2000	OLIG		OG0001	252	7.1 U	
S342	7/30/2000	AMPH		AP0007	57	32.5	14.9
S342	7/30/2000	CHIR		CM0007	240	18.4	
S342	7/30/2000	OLIG		OG0007	340	75.7 U	
S344	7/29/2000	CHIR		CM0004	6,210	67	
S344	7/29/2000	OLIG		OG0004	6,480	64.1	
S372	8/2/2000	AMPH		AP0015	31	25.1	
S372	8/2/2000	CHIR		CM0015	53	14.7	
S372	8/2/2000	OLIG		OG0015	106	3.1	
S400	7/28/2000	AMPH		AP0002	28	17.8	
S400	7/28/2000	CHIR		CM0002	46	7.1	12.8
S400	7/28/2000	OLIG		OG0002	74	3.7	
S401	7/29/2000	CHIR		CM0003	761	84.5	
S401	7/29/2000	OLIG		OG0003	205	3.6	16.5
S402	7/30/2000	AMPH	D1	AP0005	105	51.9	12.6
S402	7/30/2000	AMPH	D2	AP0006	135	37.4	13.9
S402	7/30/2000	CHIR	D1	CM0005	279	42.5	
S402	7/30/2000	OLIG	D1	OG0005	252	29.1	
S403	7/30/2000	AMPH		AP0008	76	39.5	15
S403	7/30/2000	CHIR		CM0008	183	24.5	14.1
S403	7/30/2000	OLIG		OG0008	277	11	
S404	7/31/2000	AMPH		AP0009	172	92.1	
S404	7/31/2000	CHIR	D1	CM0009	868	26.3	15
S404	7/31/2000	CHIR	D2	CM0006A	732	34.9	17.1
S404	7/31/2000	OLIG		OG0009	3,700	60.1	
S405	7/31/2000	CHIR		CM0010	172	89.1	
S405	7/31/2000	OLIG		OG0010	273	6.6	
S406	7/31/2000	CHIR		CM0011	7,470	355	
S406	7/31/2000	OLIG		OG0011	4,470	16.7	
S407	8/1/2000	CHIR		CM0012	167	6	12.7
S407	8/1/2000	OLIG		OG0012	207	37.7	

Note: Due to small sample volume, some methylmercury extracts were digested for total mercury.

Table B1-48. PCBs in Benthic Macroinvertebrates

Station	Date	Species	Duplicate	Sample Number	Lipid (%-ww)	Aroclor 1016 (µg/kg-ww)	Aroclor 1221 (µg/kg-ww)	Aroclor 1232 (µg/kg-ww)	Aroclor 1242 (µg/kg-ww)	Aroclor 1248 (µg/kg-ww)	Aroclor 1254 (µg/kg-ww)	Aroclor 1260 (µg/kg-ww)	Aroclor 1268 (µg/kg-ww)
S305	8/2/2000	CHIR		CM0016	0.727	138 U	138 U	138 U	138 U	138 U	138 U	138 U	138 U
S342	7/30/2000	CHIR		CM0007	0.796	138 U	138 U	138 U	49.6 J	138 U	138 U	29.8 J	138 U
S400	7/28/2000	CHIR		CM0002	0.8	183 U	183 U	183 U	183 U	78.7 J	57.4 J	183 U	183 U
S402	7/30/2000	AMPH	D1	AP0005	1.41	113 U	113 U	113 U	79.1 J	113 U	42.1 J	33.9 J	113 U
S402	7/30/2000	AMPH	D2	AP0006	1.45	150 U	150 U	150 U	92.9 J	150 U	150 U	150 U	150 U
S403	7/30/2000	AMPH		AP0008	0.919	76.6 U	76.6 U	76.6 U	195 J	76.6 U	113 J	76.6 U	76.6 U
S404	7/31/2000	CHIR	D1	CM0009	0.844	107 U	107 U	107 U	130 J	107 U	107 U	55.6 J	107 U

Table B1-49. All Analytes in Sediment for the Porewater Study

Station	Date	Depth (cm)	Replicate	Duplicate	Sample Number	pH	Total organic carbon (%-dw)	Total solids (%-ww)	Total Mercury (mg/kg-dw)	Methylmercury (µg/kg-dw)
S303	7/21/2000	0 - 4	1		PC0001	6.75	7.03	16.9	2.87	23.9
S303	7/21/2000	4 - 8	1	D1	PC0002	6.87	6.88	25.8	2.17	2.42
S303	7/21/2000	4 - 8	1	D2	PC0002A	7.03	7.2	22.6	2.65	2.96
S303	7/21/2000	106 - 110	1		PC0003	7.51	9.02	39.5	66.2	15
S303	7/21/2000	0 - 4	2		PC0004	7.46	6.54	17	2.72	26.1
S303	7/21/2000	4 - 8	2		PC0005	7.39	6.5	19.8	2.65	3.46
S303	7/21/2000	106 - 110	2		PC0006	7.26	7.54	38.5	48.6	11.5
S303	7/21/2000	0 - 4	3		PC0007	6.86	6.36	17.3	2.19	17.7
S303	7/21/2000	4 - 8	3		PC0008	7.01	7.37	24.5	2.56	1.99
S303	7/21/2000	106 - 110	3		PC0009	7.23	7.08	38.3	51.1	13.7
S305	7/19/2000	0 - 4	1		PC0010	7.63	6.15	37.6	1.45	6.89
S305	7/19/2000	4 - 8	1		PC0011	7.62	5.11	44.1	1.96	6.24
S305	7/19/2000	60 - 64	1		PC0012	7.68	9.1	53.2	1.32	1.42
S305	7/19/2000	0 - 4	2		PC0013	7.74	6.09	40	1.47	6.86
S305	7/19/2000	4 - 8	2		PC0014	7.53	5.77	51	3.18	3.22
S305	7/19/2000	58 - 66	2		PC0015	7.76	7.77	52.1	1.34	0.267
S305	7/19/2000	0 - 4	3		PC0016	7.1	4.17	37.8	2.03	1.35
S305	7/19/2000	4 - 8	3		PC0017	7.24	5.39	46.3	1.95	0.883
S305	7/19/2000	60 - 64	3		PC0018	7.41	6.62	52.8	1.21	0.244
S344	7/19/2000	0 - 4	1		PC0019	8.21	8.35	48.2	44.2	4.71
S344	7/19/2000	4 - 8	1		PC0020	9.07	8.2	48.1	41	5.3
S344	7/19/2000	60 - 64	1		PC0021	11.8	4.71	38.9	0.372	0.27
S344	7/19/2000	0 - 4	3		PC0025	8.45	11	46.8	32.4	8.82
S344	7/19/2000	4 - 8	3		PC0026	9.25	8.3	44.7	37.3	8.54
S344	7/19/2000	60 - 64	3		PC0027	11.8	5.9	33.9	0.535	0.327
S344	7/19/2000	0 - 4	4		PC0022	7.89	13.1	43.7	40.1	21.2
S344	7/19/2000	4 - 8	4		PC0023	9.55	6.68	46.9	38.5	5.74
S344	7/19/2000	58 - 66	4		PC0024	10.9	8.06	38.4	0.351	0.359
S354	7/20/2000	0 - 4	1		PC0028	6.99	6.95	14	3.67	33.5

Table B1-49. (cont.)

Station	Date	Depth (cm)	Replicate	Duplicate	Sample Number	pH	Total organic carbon (%-dw)	Total solids (%-ww)	Total Mercury (mg/kg-dw)	Methylmercury (µg/kg-dw)
S354	7/20/2000	8 - 12	1		PC0029	7.14	5.75	23.1	3.4	2.54
S354	7/20/2000	30 - 34	1		PC0030	7.4	7.44	29.2	2.98 J	2.16
S354	7/20/2000	0 - 4	2		PC0031	7.04	8.18	25.2	2.1 J	8.03
S354	7/20/2000	8 - 12	2		PC0032	7.22	5.22	27.1	2.54	2.1
S354	7/20/2000	30 - 34	2		PC0033	7.29	7.8	31.2	2.77	1.68
S354	7/20/2000	0 - 4	3		PC0034	6.8	5.88	13	4.2	31.5
S354	7/20/2000	8 - 12	3		PC0035	7	7.53	26.1	2.15	3.15
S354	7/20/2000	30 - 34	3		PC0036	7.37	8.55	29.8	3.36	2.69
S355	7/22/2000	0 - 4	1		PC0037	6.74	4.74	13.8	4.55	33.5
S355	7/22/2000	8 - 12	1		PC0038	6.94	5.39	21	3.59	4.03
S355	7/22/2000	30 - 34	1		PC0039	7.03	6.36	36.1	2.32	3.03
S355	7/22/2000	0 - 4	2		PC0040	6.61	5.81	11.5	6.56	49.6
S355	7/22/2000	8 - 12	2		PC0041	6.84	6.34	23.1	3.27	2.98
S355	7/22/2000	30 - 34	2		PC0042	7	6.69	33	2.69	3.85
S355	7/22/2000	0 - 4	3		PC0043	6.65	5.71	16.1	3.82	53.6
S355	7/22/2000	8 - 12	3		PC0044	6.98	6.67	21.5	3.55	4.43
S355	7/22/2000	30 - 34	3		PC0045	6.95	7.38	27.6	4.09	5.18
S402	7/21/2000	0 - 4	1		PC0046	9.08	4.41	53.8	3.89	1.12
S402	7/21/2000	4 - 8	1		PC0047	9.02	5.3	52	2.45	1
S402	7/21/2000	30 - 34	1	D1	PC0048	11.2	3.64	46.66	1.62 J	0.507
S402	7/21/2000	30 - 34	1	D2	PC0048A	9.34	3.39	44.6	1.97	0.426
S402	7/21/2000	0 - 4	2		PC0049	10.2	4.96	43	5.24	1.99
S402	7/21/2000	4 - 8	2		PC0050	8.26	6.04	54.8	1.65	0.608
S402	7/21/2000	30 - 34	2		PC0051	9.48	1.99	36	3.52 J	1.42
S402	7/21/2000	0 - 4	3		PC0052	10.8	7.93	47.1	3.64 J	0.438
S402	7/21/2000	4 - 8	3		PC0053	11.1	3.8	47.9	2.01	0.886
S402	7/21/2000	30 - 34	3		PC0054	11.4	3.61	46.9	1.83	0.478
S405	7/20/2000	0 - 4	1		PC0061	7.71	8.07	30.8	8.75	19.3

Table B1-49. (cont.)

Station	Date	Depth (cm)	Replicate	Duplicate	Sample Number	pH	Total organic carbon (%-dw)	Total solids (%-ww)	Total Mercury (mg/kg-dw)	Methylmercury (µg/kg-dw)
S405	7/20/2000	4 - 8	1		PC0062	7.82	8.53	28.2	6.45	8.16
S405	7/20/2000	106 - 110	1		PC0063	8.91	0.38	33.4	49.9	51.5
S405	7/20/2000	0 - 4	2		PC0058	7.57	10.1	28.1	7.78	14.4
S405	7/20/2000	4 - 8	2		PC0059	7.9	11.7	30.1	14.8	20.9
S405	7/20/2000	106 - 110	2		PC0060	8.92	6.45	31.3	51.1	35.8
S405	7/20/2000	0 - 4	3		PC0055	7.39	9.2	30.3	8.52 J	8.56
S405	7/20/2000	4 - 8	3		PC0056	7.84	10.2	28.3	11.6	13.8
S405	7/20/2000	104 - 112	3		PC0057	9	8.71	34.3	42 J	31.3

Table B1-50. All Analytes in Porewater

Station	Date	Depth (cm)	Replicate	Duplicate	Sample Number	Sulfides (µg/L)	Iron (µg/L)	Manganese (µg/L)	Total Mercury (ng/L)	Methylmercury (ng/L)
S303	7/21/2000	0 - 4	1		PE0001	8,680	87	2,570	19.7	11.8
S303	7/21/2000	4 - 8	1		PE0002	5,080	165	1,880	6.94 J	0.5
S303	7/21/2000	106 - 110	1		PE0003	644	830	1,010	65.6	1.46
S303	7/21/2000	0 - 4	2		PE0004	2,180	98	2,810	21.4	10.7
S303	7/21/2000	4 - 8	2		PE0005	2,450	270	2,050	5.35 J	0.301
S303	7/21/2000	106 - 110	2		PE0006	1,860	1,080	1,010	65.5	0.829
S303	7/21/2000	0 - 4	3		PE0007	1,620	3,990	3,160	6.49 J	3.64
S303	7/21/2000	4 - 8	3		PE0008	3,980	471	1,940	4.91 J	0.235
S303	7/21/2000	106 - 110	3		PE0009	535	736	1,060	62.7	1.53
S305	7/19/2000	0 - 4	1		PE0013	5	1,340	759	4.3 J	1.07
S305	7/19/2000	4 - 8	1		PE0014	28	6,160	1,470	8.23 J	1.98
S305	7/19/2000	60 - 64	1		PE0015	8	19,100	1,170	5.13 J	0.104
S305	7/19/2000	0 - 4	2		PE0016	44	3,890	1,170	6.5 J	2.56
S305	7/19/2000	4 - 8	2		PE0017	28	5,020	1,310	6.15 J	1.57
S305	7/19/2000	56 - 66	2		PE0018	28	23,300	973	5.73 J	0.162
S305	7/19/2000	0 - 4	3		PE0019	44	4,850	1,400	9.51	2.63
S305	7/19/2000	4 - 8	3		PE0020	33	8,760	2,130	5.11 J	1.22
S305	7/19/2000	60 - 64	3		PE0021	15	15,100	875	8.31	0.092
S344	7/19/2000	0 - 4	1		PE0025	430	17 U	38.6	111	3.54
S344	7/19/2000	4 - 8	1		PE0026	7,880	17 U	9.6	778	158
S344	7/19/2000	60 - 64	1		PE0027	14,000	194	7	11,200	390
S344	7/19/2000	0 - 4	2		PE0028	555	46	62.6	55.9	18.9
S344	7/19/2000	4 - 8	2		PE0029	8,090	17 U	2.4 U	4,850	915
S344	7/19/2000	58 - 66	2		PE0030	11,400	31	2.4 U	14,000	455
S344	7/19/2000	0 - 4	3		PE0031	760	37	19.6	84.2	20.7
S344	7/19/2000	4 - 8	3		PE0032	7,370	17 U	2.4 U	2,770	644
S344	7/19/2000	60 - 64	3		PE0033	11,500	29	2.4 U	14,400	406
S354	7/20/2000	0 - 4	1		PE0037	10,900	35	1,960	29	15.8
S354	7/20/2000	8 - 12	1		PE0038	656	552	2,120	5.8 J	0.338

Table B1-50. (cont.)

Station	Date	Depth (cm)	Replicate	Duplicate	Sample Number	Sulfides (µg/L)	Iron (µg/L)	Manganese (µg/L)	Total Mercury (ng/L)	Methylmercury (ng/L)
S354	7/20/2000	30 - 34	1		PE0039	376	535	797	1.75 R	0.96
S354	7/20/2000	0 - 4	2		PE0040	8,050	47	1,920	25.9	13.3
S354	7/20/2000	8 - 12	2		PE0041	979	588	2,190	6.03 J	0.322
S354	7/20/2000	30 - 34	2		PE0042	758	508	859	7.17 J	0.185
S354	7/20/2000	0 - 4	3		PE0043	8,050	50	1,920	22.6	11.6
S354	7/20/2000	8 - 12	3		PE0044	1,050	817	2,110	6.89 J	0.235
S354	7/20/2000	30 - 34	3		PE0045	650	512	784	3.44 J	0.123
S355	7/22/2000	0 - 4	1		PE0049	2,330	129	2,220	17.4	12.3
S355	7/22/2000	8 - 12	1		PE0050	2,250	2,750	3,130	4.36 J	0.111
S355	7/22/2000	30 - 34	1		PE0051	1,170	4,360	2,450	5.75 J	0.185
S355	7/22/2000	0 - 4	2		PE0052	2,650	124	2,150	17.3	11.6
S355	7/22/2000	8 - 12	2		PE0053	2,160	2,490	3,040	3.4 J	0.048
S355	7/22/2000	30 - 34	2		PE0054	1,050	4,290	2,580	4.69 J	0.185
S355	7/22/2000	0 - 4	3		PE0055	2,710	146	2,280	33	22.7
S355	7/22/2000	8 - 12	3		PE0056	3,350	836	2,650	4.01 J	0.247
S355	7/22/2000	30 - 34	3		PE0057	856	4,730	2,990	5.3 J	0.247
S402	7/21/2000	0 - 4	1		PE0061	928	17 U	2.5	781	25
S402	7/21/2000	4 - 8	1		PE0062	4,940	17 U	2.4 U	16,400	106
S402	7/21/2000	30 - 34	1		PE0063	4,260	56	2.4 U	41,900	136
S402	7/21/2000	0 - 4	2		PE0064	1,390	41	2.4 U	4,000	61.9
S402	7/21/2000	4 - 8	2		PE0065	5,280	42	2.4 U	17,900	121
S402	7/21/2000	30 - 34	2		PE0066	4,270	44	2.4 U	49,300	138
S402	7/21/2000	0 - 4	3		PE0067	885	55	2.4 U	2,710	45.2
S402	7/21/2000	4 - 8	3		PE0068	1,090	71	2.4 U	13,800	112
S402	7/21/2000	30 - 34	3		PE0069	459	56	2.4 U	11,700	102
S405	7/20/2000	0 - 4	1		PE0073	517	1,150	273	5.31 J	0.578
S405	7/20/2000	4 - 8	1		PE0074	302	241	148	9.02	0.618
S405	7/20/2000	106 - 110	1		PE0075	641	152	2.4 U	273	95.4

Table B1-50. (cont.)

Station	Date	Depth (cm)	Replicate	Duplicate	Sample Number	Sulfides (µg/L)	Iron (µg/L)	Manganese (µg/L)	Total Mercury (ng/L)	Methylmercury (ng/L)
S405	7/20/2000	0 - 4	2		PE0076	889	814	231	12.8	0.526
S405	7/20/2000	4 - 8	2		PE0077	1,280	196	103	38.5	1.11
S405	7/20/2000	106 - 110	2		PE0078	1,100	107	2.4 U	456	124
S405	7/20/2000	0 - 4	3		PE0079	504	1,990 J	2.4 UJ	8.51	0.707
S405	7/20/2000	4 - 8	3	D1	PE0080	654	909 J	80 J	21.2	0.574
S405	7/20/2000	4 - 8	3	D2	PE0080A		270 J	140 J		
S405	7/20/2000	104 - 112	3		PE0081	1,230	92	2.4 U	547	146

Table B1-51. All Analytes in Lake Water for the Porewater Study

Station	Date	Duplicate	Sample Number	Sulfides (U) (µg/L)	Sulfides (D) (µg/L)	Total suspended solids (mg/L)	Iron (U) (µg/L)	Iron (D) (µg/L)	Manganese (U) (µg/L)	Manganese (D) (µg/L)	Total Mercury (U) (ng/L)	Total Mercury (D) (ng/L)	Methylmercury (U) (ng/L)	Methylmercury (D) (ng/L)
S303	7/22/2000	D1	OW0007	12 U	10 U	3.3 J	60 J	20 J	584	571	11	6.1	3.84	3.84
S303	7/22/2000	D2	OW0008	11 U	10 U	2.8 J	45 J	21 J	579	587	9.9	5.7	2.6	2.28
S305	7/20/2000		OW0003	14 U	12 U	3.5 J	105	3 U	15	5.91	6.8	1.2 J	0.214	0.034 J
S344	7/21/2000		OW0005	11 U	9 U	11	145	22 J	12.6	5.5	595	1.7 J	0.827	0.084
S354	7/21/2000		OW0004	12 U	11 U	3.7 J	36 J	21 J	513	502	9.1	5.6	2.75	2.9
S355	7/20/2000		OW0002	45 U	12 U	2.5 J	31 J	11 J	457	484	8.3	4.1	1.93	1.13
S402	7/21/2000		OW0006	11 U	10 U	4.8 J	65 J	16 J	7.55	2	19	1.6 J	0.405	0.102
S405	7/20/2000		OW0001	14 U	11 U	7.1	117	14 J	12.5	4.4	264	2 J	0.586	0.099

Notes: (U) = Unfiltered
(D) = Dissolved

Table B1-52. Water Quality Measurements

Station	Date	Sample Number	Conductivity (µS/cm)	Dissolved oxygen, wt/vol (mg/L)	pH	Salinity (%)	Temperature (degC)	Turbidity (NTU)
S303	8/12/2000	WQ0007	2.01	4.1	7.42	0.09	19.4	-10
S305	8/12/2000	WQ0006	1.79	12.87	7.9	0.08	23.2	-10
S344	8/14/2000	WQ0002	1.74	14.14	8.27	0.09	25.1	-10
S354	8/14/2000	WQ0004	1.75	9.51	7.84	0.08	23.4	-10
S355	8/14/2000	WQ0005	1.77	8.15	7.59	0.08	23	-10
S402	8/14/2000	WQ0003	1.74	13.56	8.16	0.08	25.9	-10
S405	8/14/2000	WQ0001	1.74	14.89	8.32	0.08	25	-10

Appendix B2

Quality Assurance Review—
Phase 2A (2000)
Investigation

APPENDIX B2. QUALITY ASSURANCE REVIEW – PHASE 2A (2000) INVESTIGATION

(Modified from Exponent, 2001c)

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Acronyms and Abbreviations

%D	percent difference
AVS/SEM	acid-volatile sulfide and simultaneously extracted metals
CCV	continuing calibration verification
CRDL	contract-required detection limit
DCB	decachlorobiphenyl
DQO	data quality objective
EMPC	estimated maximum possible concentration
ERA	Ecological Risk Assessment
FGS	Frontier Geosciences
GC/ECD	gas chromatography/electron capture detection
GC/MS	gas chromatography/mass spectrometry
GPC	gel permeation chromatography
HHRA	Human Health Risk Assessment
ICP/AES	inductively coupled plasma-atomic emission spectrometry
IDL	instrument detection limit
LCS	laboratory control sample
LMCL	lower method calibration limit
MDL	method detection limit
MRL	method reporting limit
MS	matrix spike
MSD	matrix spike duplicate
NYSDEC	New York State Department of Environmental Conservation
PAH	polycyclic aromatic hydrocarbon
PCB	polychlorinated biphenyl
PCDD/F	polychlorinated dibenzo-*p*-dioxin/polychlorinated dibenzofuran
PEM	Performance Evaluation Mixture
QA/QC	quality assurance and quality control
QAPP	quality assurance project plan
RI/FS	remedial investigation and feasibility study
RPD	relative percent difference
RRF	relative response factor
RSD	relative standard deviation
SDG	sample delivery group
SIM	selective ion monitoring
SOP	standard operating procedure
SRM	standard reference material
SVOC	semivolatile organic compound
TAL	Target Analyte List
TBA	tetrabutylammonium hydrogen-sulfite
TCL	Target Compound List
TCLP	toxicity characteristic leaching procedure
TIC	tentatively identified compound
TOC	total organic carbon
TSS	total suspended solids
USEPA	US Environmental Protection Agency
VOC	volatile organic compound
YOY	young-of-year fish

INTRODUCTION

This data quality report summarizes the results of a quality assurance review of laboratory procedures and data for chemical analyses of sediment, animal tissue, and water. The analyses were completed as part of Phase 2A of the Onondaga Lake remedial investigation and feasibility study (RI/FS). The study plan is provided in the Phase 2A work plan (Exponent, 2000). Details of the sampling procedures for each task are provided in Section 2.8 of this RI report. Descriptions of the procedures used for chemical analyses, data validation, and data management are provided in the quality assurance project plan (QAPP) (Appendix A of the Phase 2A work plan, Exponent, 2000), and are summarized below.

The data quality review was conducted to verify that field and laboratory quality assurance and quality control (QA/QC) procedures were completed and documented as required, and that the quality of the data is sufficiently high to support its use in the RI, ecological risk assessment (ERA), and human health risk assessment (HHRA). All data qualified as estimated (*J*) have an acceptable degree of uncertainty and represent data of good quality and reasonable confidence (USEPA, 1989). These results are acceptable for use in the ERA and HHRA, as well as in the RI/FS. Rejected data (*R*) are unusable for their intended purposes.

The remainder of this introduction includes a summary of natural samples and field quality control samples collected for the Phase 2A study and descriptions of validation procedures and laboratory methods. Data quality is summarized in the following sections by method of analysis. Each section includes a tabulated summary of validation results and data quality, and a table that identifies the number of qualifiers applied to each analyte for each sample type, along with the reason for qualification. The text provides additional detail regarding data quality and analysis issues. General information and tabulated data for field duplicates are provided at the end of this appendix. Field precision is discussed for each analysis type under the subheading "Field Quality Control Samples," located near the end of each section of this appendix.

Sample Types and Laboratory Analyses

Several types of sediment, tissue, and water samples were collected for the Phase 2A investigation. Sediment samples included lake bottom sediment, wetland sediment, and dredge material. Tissue samples included individual whole fish, individual fish fillets, the carcass remaining after removal of the fillets, composite samples of young-of-year (YOY) fish, and benthic macroinvertebrates. Lake water and porewater samples were also collected. Samples were analyzed for the following constituents:

- Target Compound List (TCL) volatile organic compounds (VOCs).
- TCL semivolatile organic compounds (SVOCs).
- TCL pesticides.
- TCL polychlorinated biphenyls (PCBs) and Aroclor 1268.
- Polychlorinated dibenzo-*p*-dioxins and polychlorinated dibenzofurans (PCDDs/Fs).
- Target Analyte List (TAL) – metals and cyanide (inorganics).
- Methylmercury.

- Acid-volatile sulfides and simultaneously extracted metals (AVS/SEM).
- Conventional analytes (total organic carbon [TOC], carbonate, ammonia, total sulfide, lipids, and total suspended solids [TSS]).
- Physical characteristics (total solids, grain size distribution, Atterberg Limits, specific gravity, bulk density).
- Toxicity characteristic (toxicity characteristic leaching procedure [TCLP] extraction).

A summary of the number of samples collected for this study and the analyses for each sample type is provided in Table B2-1.

Laboratory Methods and Modifications

The laboratories generally adhered to the methods indicated in the QAPP (Exponent, 2000). Methods were modified to improve detection limits and to mitigate matrix interferences. Low targets for reporting limits resulted in modification of methods for analysis of SVOCs, pesticides, and PCBs. Additional method modifications were made to accommodate high levels of petroleum interferences. These matrix interferences affected all of the analyses that included gas chromatography (i.e., VOCs, SVOCs, pesticides, PCBs, and PCDDs/Fs), but were particularly problematic during the analysis of pesticides. A summary of methods and laboratories is provided in Table B2-2. Method modifications are described in the following sections.

Semivolatile Organic Compounds

Analyses for SVOCs were to be completed by gas chromatography/mass spectrometry (GC/MS) with selective ion monitoring (SIM), as indicated in the QAPP. However, no New York State Department of Environmental Conservation- (NYSDEC-) approved laboratory was identified that had the capability to analyze the full complement of TCL SVOCs using SIM. SVOC analyses were completed without SIM, but the extraction and calibration procedures were modified to improve detection limits. The sample size used for extraction was increased from 30 to 60 g, and the lowest standard in the initial calibration was reduced from 20 to 2 μg/mL. In addition, analytes detected below the quantitation limit were reported, but with a *J* qualifier to identify these values as estimates. Gel permeation chromatography (GPC) cleanup was used for all samples, and the 10 most abundant, tentatively identified compounds (TICs) were reported.

Pesticides

Reporting limits for pesticides in sediment were modified to include extraction of a larger sample size. Dry-weight determinations were completed for the samples prior to extraction. The wet-weight equivalent of 20 g of dry sample was determined for each sample. This quantity was then extracted for analysis of pesticides.

No suitable method for sample (i.e., extract) cleanup was identified for pesticides analyses. Florisil® cleanup was rejected as an option because this procedure is known to result in pesticide losses from the sample. GPC was used for several samples, but the interferents tracked through the columns along with the pesticides and were not removed. Only sulfur cleanup was used for the pesticides analyses. The laboratory experienced frequent instrument failures and performed repeated maintenance as a result of the difficult sample matrix. The effects of matrix interferences on sample and QA/QC results are discussed in the section on "Pesticides in Sediment and Fish Tissue."

Polychlorinated Biphenyls

Extraction procedures used for PCBs in sediment were identical to the procedure for pesticides. The laboratory evaluated the effectiveness of a variety of cleanup procedures, including sulfuric acid wash (US Environmental Protection Agency [USEPA] Method 3665A), elemental sulfur removal (USEPA Method 3660B), Florisil cleanup (USEPA Method 3620B), and GPC (USEPA Method 3640A), and found that interfering substances were not removed to a significant extent by any of these procedures (Wagner, 2001, pers. comm.). Sample extracts were subjected to sulfuric acid cleanup, Florisil cleanup, and tetrabutylammonium hydrogen-sulfite (TBA) for removal of elemental sulfur. The use of GPC was eliminated when it was determined that this procedure was ineffective in removing interferences.

Polychlorinated Dibenzo-*p*-Dioxins and Polychlorinated Dibenzofurans

Axys Analytical Services in Sidney, B.C. modified cleanup and mass spectrometry procedures are provided in USEPA Method 8290 to mitigate matrix interferences. Cleanup procedures were modified when necessary to reduce interferences in sample extracts. Modifications were made to permit better chromatographic analysis, to remove lock-mass interferences, or to remove diphenyl ether interferences. These modifications included subjecting the extracts to one or more of the following procedures: an additional silica column cleanup, an additional alumina column cleanup, an additional Florisil column cleanup (rather than the second alumina column cleanup), an additional silver nitrate silica column cleanup, or an additional carbon celite cleanup.

For analysis by mass spectrometer, Axys routinely monitored ions of masses 354/356 and 366/368 to confirm and quantify the native and surrogate penta-dioxins, respectively. This change was made to avoid a persistent interference by coplanar PCBs eluting in the channels specified in the method, ions of mass 356/358 and 366/368.

Data Validation Procedures

Data validation procedures and qualifier assignments were completed according to standard operating procedures (SOPs) for data validation prepared by USEPA Region 2, as follows:

- SOP HW-24 for validation of data for VOCs (USEPA, 1999b).
- SOP HW-22 for validation of data for SVOCs (USEPA, 1995c).
- SOP HW-23 for validation of data for pesticides and PCBs, modified as applicable to accommodate requirements of USEPA Methods 8081A and 8082 (USEPA, 1995a).
- SOP HW-19 for validation of data for PCDDs/Fs (USEPA, 1994c).
- SOP HW-17 for validation of data for herbicides (i.e., in TCLP extracts) (USEPA, 1994b).
- SOP HW-2 for validation of metals by inductively coupled plasma-atomic emission spectrometry (ICP-AES) (USEPA, 1992), modified as described below.
- SOP HW-7 for validation of TCLP extraction (USEPA, 1993).

The procedures stated in SOP HW-2 for metals were modified to comply with QA/QC procedures and control limits provided in the method descriptions for USEPA Method 6020. Total mercury and methylmercury data were validated according to general procedures described in SOP HW-2, with modifications made to comply with QA/QC procedures and control limits provided in the descriptions for USEPA Methods 1631B and 1630.

Validation procedures for conventional analyses were based on SOP HW-2 and national functional guidelines for inorganic data review (USEPA, 1994a), when applicable. Data for conventional analyses were qualified for bias and precision according to data quality objectives (DQOs) provided in Table A-1 of the QAPP (Exponent, 2000).

Qualification for Water Content of Sediment and Dredge Material

USEPA Region 2 validation criteria specify that data for solid samples with more than 50 percent water must be qualified as estimated. This criterion was developed for soil samples and was intended to distinguish between analyte content in soil and groundwater (Karras, 2000, pers. comm.). The applicability of this criterion to sediment samples is not clear. The quality of data for sediment samples with more than 50 percent water is not impaired from an analytical standpoint. Data for samples with more than 50 percent water were qualified W in the database. These qualifiers were suppressed in the data tables (Appendix B1) to avoid confusion.

Field Replicates from Station S340

The collection of surface sediment at station S340 was impeded by the presence of a calcareous plate that underlies the lake in the vicinity of this station. Samples SF0123 and SF0123_R are the result of consecutive attempts to collect representative sediment at Station S340. All of the data for both samples were qualified as estimated because the sampling crew could not reliably collect the upper 2 cm of sediment for either sample.

VOLATILE ORGANIC COMPOUNDS

A total of 352 discrete samples and 20 field duplicate samples were analyzed for VOCs for the Onondaga Lake Phase 2A investigation. Samples included lake bottom sediment and wetlands sediment, as indicated in Table B2-1. Columbia Analytical Services in Rochester, NY completed the analyses for VOCs, with the exception of sediment samples from the 2-m cores. These were analyzed by O'Brien and Gere Laboratories in Syracuse, NY. Methods of analysis are summarized in Table B2-2. QA/QC results for laboratory and field procedures and implications for data usability are provided below.

Summary of Data Quality

The data for VOCs were generally of good quality. Of a total of 12,873 results reported for VOCs, 198 (1.5 percent of all VOC results) were of unacceptable quality and were rejected. A total of 4,459 results (34.6 percent of all VOC results) were qualified as estimated because control limits were exceeded for one or more laboratory quality control samples or procedures. These qualified data may have a larger associated bias or may be less precise than unqualified data, but are of acceptable quality for use in the RI, ERA, and HHRA. Results of the quality assurance review are summarized in Table B2-3. Table B2-4 details the number of qualifiers applied to VOC data by analyte and quality control exceedance.

Data Quality Assessment

The laboratory data were evaluated in terms of completeness, holding times, instrument performance, bias, and precision. The results for the quality control procedures used during sample analyses are discussed below.

Completeness

The results reported by the laboratories were 100 percent complete. A total of 198 results were rejected during validation. Completeness after validation was 98 percent.

Holding Times and Sample Preservation

Analytical holding-time constraints and sample preservation requirements specified in the QAPP (Exponent, 2000) were generally met. The laboratories used the NYSDEC holding-time limitation of seven days from sample receipt at the laboratory to analysis. Data validation was based on the USEPA Region 2 holding time of 10 days from sample collection (SOP HW-24; USEPA, 1999). Several of the samples required reanalysis for VOCs at a dilution in order to bring outlying results into the calibration range. In these cases, only the results for analytes that required the dilution were reported by the laboratory and were subsequently qualified for exceeded holding times. The initial (undiluted) analysis met holding times, and results reported from this analysis were not qualified. A total of 42 VOC results (0.3 percent overall) were qualified as estimated (*J* qualifier assigned) for exceeded holding times.

Instrument Performance

The performance of the analytical instruments, as documented by the laboratory, was acceptable. No changes in instrument performance that would have resulted in the degradation of data quality were indicated during any analytical sequence.

Initial and Continuing Calibration

Initial and continuing calibrations were completed for all target analytes and generally met the criteria for acceptable performance and frequency of analysis.

Relative response factors (RRFs) for initial and/or continuing calibrations exceeded control limits in several cases. The control limit for RRFs is 0.05 (USEPA, 1999). Results for detected analytes associated with RRFs below 0.05 were qualified as estimated, and reporting limits for nondetects were rejected.

The relative standard deviation (RSD) for initial calibration and the percent difference (%D) for continuing calibration exceeded control limits in several cases. The control limit for initial calibration is 15 percent RSD, and, for continuing calibration, the control limit is 20%D (USEPA, 1999). When these control limits were not met, the affected data were qualified as estimated for samples that were analyzed under the affected calibration.

A total of 416 results (3.2 percent overall) were qualified as estimated (*J*) during the quality assurance review because control limits for calibration (RRF, initial calibration, and/or continuing calibration) were not met. In addition, 154 reporting limits (1.2 percent overall) were rejected (*R* qualifier assigned) because control limits for RRFs were not met.

Initial and Continuing Calibration Blanks

The initial and continuing calibration blank analyses met the criteria for acceptable performance.

Blank Analyses

Method blanks were analyzed as required for each sample batch. Several VOCs were detected in the method blanks as well as the field blanks, including acetone, carbon disulfide, *meta*- and *para*-xylenes, methylene chloride, *ortho*-xylene, styrene, tetrachloroethene, toluene, and trichloroethene. When a target analyte was detected in a blank and in associated samples, the 5-times rule or 10-times rule (SOP HW-24; USEPA, 1999) was used, as applicable, to determine whether results should be qualified. A total of 187 results (1.4 percent of all results) were restated as undetected (*U* qualifier assigned) at the reported concentration or at the method reporting limit (MRL) because of blank contamination.

Accuracy

The accuracy of the analytical results is evaluated in the following sections in terms of analytical bias (surrogate compound, matrix spike [MS], laboratory control spike, and internal standard recoveries) and precision (matrix spike duplicate [MSD], duplicate laboratory control spike, and field duplicate sample analyses).

Surrogate Compound Recoveries

Surrogate compounds were added to all field and quality control samples prior to extraction, as required. The recoveries reported by the laboratory for surrogate compounds typically met the criteria for acceptable performance. A total of 3,803 results (29 percent overall) for VOCs were qualified as estimated (*J* qualifier assigned) during the quality assurance review because the control limits for surrogate recovery (75 to 125 percent) were not met.

Matrix Spike Recoveries

MS/MSDs were analyzed as required. The recoveries reported by the laboratory typically met control limits. For cases in which MS/MSD recoveries exceeded control limits, no recoveries were exceeded in the associated laboratory control samples (LCSs) (blank spikes). These results suggested that the MS/MSD exceedances were the result of matrix effects. In accordance with USEPA Region 2 guidelines, a total of 84 VOC results (0.65 percent overall) were qualified as estimated (*J* qualifier assigned) because control limits for MS recovery were not met.

Laboratory Control Sample Recoveries

LCSs were analyzed at the required concentration and frequency. The recoveries reported by the laboratory for LCS analyses typically met the criteria for acceptable performance. A total of 38 results (0.3 percent overall) for detected VOCs were qualified as estimated (*J* qualifier assigned) during the quality assurance review because the control limits for LCS recovery were not met. A total of 44 reporting limits for nondetects (0.3 percent overall) were rejected (*R* qualifier assigned) because LCS recovery was below the lower control limit.

Internal Standard Performance

Internal standards were added to all natural and quality control samples, as required. The criteria for retention time and area count were met for most of the internal standards. A total of 363 results (2.8 percent overall) for VOCs were qualified as estimated (*J* qualifier assigned) during the quality assurance review because internal standards did not meet control limits for recovery.

Precision

Precision was assessed by comparing results for MS/MSDs. MS/MSDs were analyzed with every sample batch and at the required concentration. The results reported by the laboratory for these duplicates typically met the criteria for acceptable performance. No results were qualified based on results for MSDs. Laboratory duplicates (i.e., unspiked duplicate samples) were not analyzed for VOCs.

Method Detection Limits and Method Reporting Limits

Method detection limits (MDLs) and MRLs generally met project DQOs (Exponent, 2000); however, elevated MDLs and MRLs were reported for some of the samples. MDLs and MRLs were elevated when sample dilution was required to conduct the analysis or when limited sample volume was available for extraction. Sample dilution was required when elevated concentrations of target analytes or matrix interferences, or both, prevented reliable identification and quantification of the target analytes in the sample.

All concentrations were reported to the appropriate MRL. A total of 101 results (0.8 percent of all results) reported as detected at concentrations above the MDL, but less than the MRL, were qualified as estimated (*J*) by the laboratory because concentrations in this range are less precise than results reported at concentrations above the MRL. These qualifiers were verified and carried through during data validation.

Field Quality Control Samples

Field quality control samples analyzed with the natural samples included equipment blanks, trip blanks, and field duplicate samples. A summary of the number of field quality control samples and the analyses conducted is provided in Table B2-1.

Field Blanks

Field blanks collected for this study included 30 trip blanks and 32 equipment rinsate blanks. Trip blanks originated at the laboratories, accompanied the sample jars through the sampling event, and were returned to the laboratories unopened. A number of target analytes were detected in the field blanks, most commonly acetone, methylene chloride, and toluene. On the whole, the concentrations of each analyte were similar in all field blanks in each sample batch, but varied somewhat from batch to batch. This pattern suggests that the contaminants were introduced at the laboratory rather than in the field or during transport. Results for the sediment samples were restated on the basis of the highest concentration found in a related field or method blank. Restatement of detected results as undetected (*U* qualifier) is discussed above under "Blank Analyses."

Field Duplicate Samples

Field duplicate samples were collected for all sample types at a frequency of 5 percent. Of the 110 RPD results that could be calculated for field duplicates, 7 were above 100 RPD and 20 were between 50 and 100 RPD. Field duplicates were not used to qualify data for VOCs. Results of RPD calculations for VOC field duplicates are provided at the end of this appendix.

SEMIVOLATILE ORGANIC COMPOUNDS

A total of 483 discrete samples and 30 field duplicate samples were analyzed for SVOCs for the Onondaga Lake Phase 2A investigation. Samples included lake bottom sediment, wetlands sediment, and dredge material, as indicated in Table B2-1. Columbia Analytical Services completed the analyses, and the data were validated by Quality By Design in Hilo, Hawaii. Methods of analysis are summarized in Table B2-2. QA/QC results for laboratory and field procedures and implications for data usability are provided below.

Summary of Data Quality

The data for the SVOCs were generally of good quality. Of a total of 34,369 results, only 96 SVOC results were of unacceptable quality and were rejected. A total of 10,907 results (31.7 percent of all SVOC results) were qualified as estimated because control limits were exceeded for one or more laboratory quality control samples or procedures. These qualified data may have a larger associated bias or may be less precise than unqualified data, but are of acceptable quality for use in the RI, ERA, and HHRA. Results of the quality assurance review are summarized in Table B2-5. Table B2-6 details the number of qualifiers applied to SVOC data by analyte and quality control exceedance.

Data Quality Assessment

The laboratory data were evaluated in terms of completeness, holding times, instrument performance, bias, and precision. The results of the quality control procedures used during sample analyses are discussed below.

Completeness

The results reported by the laboratory were 100 percent complete. LCS recovery of less than 10 percent caused 19 nondetect results in lake bottom sediment for 4-chloroaniline, hexachlorocyclopentadiene, 3-nitroanaline, and pentachlorophenol to be rejected (*R*). Completeness after data validation was 99.7 percent for the lake bottom sediment analyses. Completeness was 100 percent for the wetland sediment and dredge material samples.

Holding Times and Sample Preservation

Analytical holding time constraints and sample preservation requirements specified in the QAPP (Exponent, 2000) were met for most samples. Holding times were exceeded for 204 positive results and 1,377 nondetect results. A total of 24 samples were affected. None of the holding times were exceeded by more than a factor of two, so these results were qualified as estimated. These results account for 4.7 percent of the total number of results, and 14.8 percent of all qualifier flags that were assigned to SVOCs.

Instrument Performance

The performance of the analytical instruments, as documented by the laboratory, was acceptable. No changes in instrument performance that would have resulted in the degradation of data quality were indicated during any analytical sequence.

Initial and Continuing Calibration

Initial and continuing calibrations were completed for all target analytes and generally met the criteria for acceptable performance and frequency of analysis.

In order to lower the reporting limit, the laboratory had agreed to analyze an additional, sixth, low-level calibration standard during the initial calibration, and to use that standard as documentation of the lower reporting limit. The initial calibrations in the first data packages that were received from the laboratory used five standards. Upon review, it was found that the response factors for the two lowest-concentration calibration standards had been improperly calculated. The laboratory re-calculated and re-issued the reports with both the agreed-upon reporting limits and updated calibrations.

After review of the revised calibration data, a total of 57 results for detected analytes and 457 reporting limits for nondetect results (1.5 percent of all results, 4.8 percent of all flags assigned) were qualified as estimated (*J*) because control limits for initial and continuing calibration were not met. Of these exceedances, 419 involved butylbenzyl phthalate, bis[2-chloroisopropyl]-ether, 2,4-dinitrophenol, hexachlorocyclopentadiene, bis[2-ethylhexyl]phthalate, 2-nitroaniline, and isophorone. For the remaining flags, no pattern was apparent.

Initial and Continuing Calibration Blanks

The initial and continuing calibration blank analyses met the criteria for acceptable performance. No analyte was detected in any calibration blank at a concentration greater than 20 percent of the lowest sample concentration (10 percent for common laboratory contaminants).

Method Blank Analyses

Target analytes were generally not detected in the method blanks. Phthalates and related compounds were detected in blanks associated with both wetland and lake bottom sediment samples.

If a target analyte was detected in a method blank and associated samples, the 5-times rule or 10-times rule (SOP HW-22; USEPA, 1995) was used, as applicable, to determine whether results should be qualified.

A total of 107 results (0.3 percent of all results, 1.0 percent of all flags assigned) were restated as undetected (*U*) during the quality assurance review. Three of these results were for di-*n*-butyl phthalate and bis[2-chloroisopropyl]ether in wetland samples. All of the other qualified results were for lake bottom sediments, of which di-*n*-butyl phthalate and bis[2-ethylhexyl] phthalate comprised 79 of the qualified results. For the remaining balance of flags, there was no apparent pattern among seven analytes.

Accuracy and Precision

The accuracy of the analytical results is evaluated in the following sections in terms of analytical bias (surrogate compound, MS, and internal standard recoveries) and precision (MSDs, duplicate LCSs, duplicate sample analyses, or triplicate sample analyses).

Surrogate Compound Recoveries

Surrogate compounds were added to all field and quality control samples prior to extraction, as required. The recoveries reported by the laboratory for surrogate compounds typically met the criteria for acceptable performance. A total of 687 results for detected analytes and 6,294 reporting limits for nondetect results (20.5 percent of all results, 65.4 percent of all flags assigned) were qualified as estimated (*J*) during the quality assurance review because the control limits for surrogate recovery were not met. Recovery exceedances for surrogate compounds were the single greatest quality control issue that resulted in qualifier flags. However, the validators noted that the laboratory took corrective action (e.g., re-extraction or reanalysis) for most surrogate failures and, after reviewing the chromatograms and dilutions used for analysis, concurred that the affected samples had genuine matrix interferences. Because the interferences caused recoveries that were outside of control criteria, but that were not less than 10 percent, the associated data were qualified as estimated and none were rejected.

Matrix Spike Recoveries

The frequency of analysis and the recoveries reported by the laboratory for MS/MSD analyses typically met the criteria for acceptable performance. A total of 169 results for detected analytes and 1,110 reporting limits for nondetect results (3.8 percent of all results, 12.0 percent of all flags assigned) reported for SVOCs were qualified as estimated (*J*) during the quality assurance review because MS recovery was not within control limits. Wetland samples accounted for 66 of the flagged results (one sample), and 101 flagged results were for two soil samples. Lake bottom sediments (78 samples) accounted for the balance of qualified results. There was no apparent pattern among the qualified results in any of the samples.

Laboratory Control Sample Recoveries

The frequency of analysis and the recoveries reported for LCS and duplicate LCS analyses typically met the criteria for acceptable performance. A total of 56 results for detected analytes and 1,215 reporting limits for nondetect results (3.7 percent of all results, 11.9 percent of all flags assigned) for SVOCs were qualified as estimated (*J*) during the quality assurance review because the control limits for LCS recovery were not met. Of these qualified data, 101 qualified results were for 4-chloroaniline, 3,3′-dichlorobenzidine, 2,4-dinitrophenol, and hexachlorocyclopentadiene in wetland samples. No flags were assigned to dredge material sample results. An additional 383 results for lake bottom sediment were qualified for 3-nitroaniline, 4-nitroaniline, 4-chloroaniline, 3,3′-dichlorobenzidine, 2,4-dinitrophenol, and hexachlorocyclopentadiene. Of the remaining balance of flags, all but three were for lake bottom sediment samples, with no apparent pattern among the remaining 60 analytes.

Internal Standard Performance

The criteria for retention time and area count were met for virtually all of the internal standards that were added to all SVOC samples. A total of eight results (less than 0.1 percent of all results and of all flags assigned) were qualified as estimated (*J*) during the quality assurance review because internal standards did not meet control limits for recovery.

Precision

The frequency of analysis and the results reported by the laboratory for duplicate analyses typically met the criteria for acceptable performance. A total of 16 results for detected analytes (less than 0.1 percent of all results and of all flags assigned) for SVOCs in dredge material samples were qualified as estimated (*J*) during the quality assurance review because control limits for RPD were not met.

Method Detection Limits and Method Reporting Limits

MDLs and MRLs generally met project DQOs (Exponent, 2000); however, in some instances, elevated MDLs and MRLs were reported. MDLs and MRLs were elevated when sample dilution was required to conduct the analysis or when limited sample volume was available for extraction. Sample dilution was required when elevated concentrations of target analytes or matrix interferences, or both, prevented reliable identification and quantification of the target analytes in the sample.

The laboratory agreed to modify calibration procedures to attain a reporting limit that was less than its normal limits. To document this reporting limit on each instrument, the laboratory analyzed an additional, sixth, low-level calibration standard during the initial calibration. The initial reports from the laboratory did not list this lower reporting limit, and the laboratory re-calculated and re-issued the reports with the agreed-upon reporting limits.

After review of the revised results, a total of 477 results (1.4 percent of all results, 4.5 percent of all flags assigned) reported as detected at concentrations above the MDL, but less than the MRL were qualified as estimated (*J*) by the laboratory because concentrations in this range are less precise than results reported at concentrations above the MRL. These qualifiers were verified and carried through during data validation.

Identification and Quantification of Target Compounds

The identification and quantitation of target compounds with detections typically met the criteria for acceptable performance. A total of 19 results for detected analytes (less than 0.1 percent of all results and of all flags assigned) for polycyclic aromatic hydrocarbons (PAHs) in lake bottom sediment samples were restated as undetected (*U*) during the quality assurance review because the mass spectra did not meet the requirements of the referenced method for identification. An additional 18 results for detected analytes in lake bottom sediment samples were qualified as tentative identifications (*N*) because either the mass spectra or the retention time did not meet the requirements of the method.

Field Quality Control Samples

Field quality control samples analyzed with the natural samples included equipment blanks and field duplicate samples. A summary of the number of field quality control samples and the analyses conducted is provided in Table B2-1.

Field Blanks

Target analytes were not detected in the field blanks at levels that required data qualification. Two phthalate esters were detected at levels below the MRL in several field blanks and naphthalene was detected in one field blank. The highest concentration of any contaminant was 3.7 μg/L. No results required qualification

because these compounds, if detected, were present in the samples at concentrations much greater than five times the concentrations in the associated field blank.

Field Duplicate Samples

Field duplicate samples were collected for all sample types at a frequency of 5 percent. Of the 240 RPD results that could be calculated for field duplicates, 22 were above 100 RPD and 32 were between 50 and 100 RPD. Field duplicate results were not used to qualify data for SVOCs. Results for field duplicates are provided at the end of this appendix.

Pesticides in Sediment and Fish Tissue

A total of 496 discrete sediment and fish samples and 27 field duplicate sediment samples were analyzed for pesticides for the Onondaga Lake Phase 2A investigation. Samples included lake bottom sediment, wetlands sediment, dredge material, and fish tissue, as indicated in Table B2-1. Northeast Analytical, Inc. in Schenectady, NY completed the sediment and dredge material analyses, and Columbia Analytical Services in Kelso, WA completed the fish tissue analyses. Data validation for the sediment and fish tissue samples was completed by EcoChem, Inc. in Seattle, WA. Exponent completed data validation and evaluation of results for field blanks collected with the sediment samples.

QA/QC results for laboratory and field procedures and implications for data usability are provided below. Methods of analysis are summarized in Table B2-2.

Summary of Data Quality

The pesticides data for the sediment samples were of fair quality overall. The laboratory experienced difficulties in analyzing the sediment samples due to the presence of high levels of petroleum products. These could not be effectively removed with cleanup procedures because their chemical behavior is similar to that of pesticides. A total of 2,935 sediment results (28.4 percent of all sediment results) for pesticides were of unacceptable quality and were rejected. The table below summarizes the sediment results that were rejected during data validation, and the associated quality control issue. The laboratory did not re-analyze the affected samples because the holding times had expired. Note that some data points were rejected for more than one quality-control violation.

Rejected Results

Reason for Rejection	Number of Rejected Results
Holding time	98
Continuing calibration	76
Breakdown	1
Laboratory control sample	24
MS/MSD recovery	9
MS/MSD or field duplicate RPD	2
Surrogate recoveries	13
Precision between columns (%D)	89
Other quality control violations	1

The data for the fish tissue samples were generally of good quality. No fish tissue data were rejected. A total of 5,879 sediment results (60.0 percent of all sediment results) and 116 tissue results (9.8 percent of all tissue results) were qualified as estimated (*J*) or tentatively identified (*N*) because control limits were exceeded for one or more laboratory quality control samples or procedures. These qualified data may have a larger associated bias or may be less precise than unqualified data, but are of acceptable quality for use in the RI, ERA, and HHRA. Results of the quality assurance review are summarized in Tables B2-7 and B2-8. Tables B2-9 and B2-10 detail the number of qualifiers applied to pesticides and fish tissue data by analyte and quality control exceedance.

Data Quality Assessment

The laboratory data were evaluated in terms of completeness, holding times, instrument performance, bias, and precision. The results of the quality control procedures used during sample analyses are discussed below.

Completeness

The laboratory reported data for all samples, as requested. A total of 2,935 results for sediment and dredge material were rejected during validation. The final results were 100 percent complete for the fish tissue analyses and 71 percent complete for the sediment and dredge material analyses.

Holding Times and Sample Preservation

All analytical holding time constraints and sample preservation requirements were met for the fish tissue samples. Several sediment samples were extracted past the 12-day holding time limitation for extraction or analyzed past the 40-day holding time limitation for analysis of the sample extracts. In addition, the sample preservation requirements (cooler temperature of $4^{\circ}C \pm 2^{\circ}C$) were not met for several sediment samples. A total of 542 results for detected analytes and 1,899 reporting limits for nondetect results were qualified as estimated (*J/UJ*) because holding times were not met or sample temperatures were greater than $10^{\circ}C$ upon receipt. A total of 998 reporting limits for nondetect results were rejected (*R*) because the holding time was greatly exceeded (i.e., the 12-day holding time for sample collection to sample extraction was exceeded by 18 days or more, or the 40-day holding time for sample extraction to analysis was exceeded by 24 days or more).

Sample Cleanup

The only sample cleanup employed for the sediment samples was the elemental sulfur cleanup procedure (USEPA Method 3660B; USEPA, 1997). The laboratory indicated that Florisil was not used for sample cleanup because it would result in pesticide losses and breakdown. In addition, the laboratory evaluated the results of two of the samples from this site after GPC cleanup (USEPA Method 3640A, USEPA 1997), and concluded that the cleanup was ineffective in removing co-extracted interferences.

Pesticide gas chromatography/electron capture detection (GC/ECD) chromatograms exhibited a large number of co-extracted interfering peaks (suspected to be fuel or lubricating oils). These interferences affected the recovery of the surrogate compound decachlorobiphenyl, as well as several target compounds. The table below lists the target compounds most and least affected by the sample matrix:

Target Compounds Affected by Sample Matrix

Most Affected (potential for significant losses)	Least Affected
alpha-BHC	Hexachlorobenzene
gamma--BHC	Heptachlor
delta-BHC	Dieldrin
beta-BHC	Aldrin
Endosulfan II	Alpha-chlordane
4,4'-DDT (decrease due to breakdown)	Heptachlor epoxide
4,4'-DDE (increase due to DDT breakdown)	Endosulfan I
4,4'-DDD	
Endrin ketone	
Endrin aldehyde	
Methoxychlor	
Toxaphene	

For Samples VCO145 and VCO146, the sulfur cleanup did not remove all of the sulfur. As a result, the elevated baseline affected all compounds that elute at the retention time of sulfur. Results for these compounds were rejected (*R*). A total of 30 results (0.29 percent overall) were rejected.

Sample Dilutions

Several samples required reanalysis at a dilution because of the high concentration of hexachlorobenzene. Several samples were not diluted as required. In these cases, the hexachlorobenzene results (correctly *E*-flagged by the laboratory) were qualified as estimated (*J*) because the concentration exceeded the linear range of the instrument. Ten hexachlorobenzene results (0.10 percent overall) were qualified.

Instrument Performance

Instrument performance reflected the presence of petroleum products in the sample extracts. While initial calibrations of the instruments were completed successfully, continuing calibrations showed progressive deterioration of the system. Instrument calibration and column performance are discussed in the following sections.

Breakdown of Endrin and 4,4´-DDT

Performance Evaluation Mixture (PEM) standards were analyzed at the required concentrations and frequency. Endrin breakdown met the criteria for acceptable performance for all PEM standards. Breakdown for 4,4´-DDT met the criteria for acceptable performance for all PEM standards associated with the tissue samples. Breakdown for 4,4´-DDT was generally excessive for PEM standards associated with the sediment samples. A total of 41 sediment results were rejected (*R*) and 329 sediment results were qualified as estimated (*J*) or tentatively identified (*NJ*) because of breakdown of 4,4´-DDT.

Initial and Continuing Calibration

Initial and continuing calibrations were completed for all target analytes and met the criteria for frequency of analysis. Results for all initial calibrations met control limits.

Results for continuing calibrations for sediment samples indicated difficulties in maintaining system response. Pesticides can degrade or be lost during GC, when exposed to contaminated column surfaces. As these samples contained high levels of co-extracted interferences (suspected to be fuel and lubricating oil), the recovery of many compounds in the continuing calibrations was diminished. A total of 4,353 sediment results (42.2 percent overall) were qualified as estimated (*J/UJ*) during the quality assurance review because control limits for continuing calibration were not met. A total of 576 sediment results (5.6 percent overall) were rejected (*R*).

Similar difficulties were not encountered during analysis of the fish tissue samples. A total of eight results (less than 1 percent overall) for fish tissue were qualified as estimated for continuing calibration results.

Method Blank Analyses

Target analytes were generally not detected in the method blanks. Peaks were present in several blanks on one of the two analytical columns. No action was taken if peaks were not confirmed on a second column.

When a pesticide was detected in a method blank on both columns and in associated samples, the 5-times rule (SOP HW-23; USEPA, 1995a) was used, as applicable, to determine whether results should be qualified.

A total of three tissue results (0.25 percent overall) and five sediment results (0.05 percent overall) were restated as undetected (*U*) during the quality assurance review.

Accuracy

The accuracy of the analytical results is evaluated in the following sections in terms of analytical bias (surrogate compound, MS, and LCS recoveries) and precision (MSDs and duplicate LCS analyses).

Surrogate Compound Recoveries

Surrogate compounds were added to all field and quality control samples prior to extraction, as required. The recoveries reported by the laboratory typically met the criteria for acceptable performance. A total of 648 sediment results (6.3 percent overall) for pesticides were qualified as estimated (*J/UJ*) during the quality assurance review because the control limits for surrogate recovery were not met. A total of 613 results (5.9 percent overall) were rejected (*R*). Results were rejected when the recovery for one or more surrogates was less than 10 percent, indicating an extremely low bias. Low surrogate recoveries were caused by the analytical difficulties described above, and by the matrix interferences in the samples.

Matrix Spike Recoveries

MS/MSD analyses were analyzed at the required frequency and concentrations. Several of the recoveries for MS/MSD analyses did not meet the criteria for acceptable performance. A total of 190 sediment results

(1.8 percent overall) and 4 tissue results (0.34 percent overall) were qualified as estimated (*J/UJ*) because the control limits for MS/MSD recovery were not met. A total of 89 sediment results (0.86 percent overall) were rejected (*R*). Results were rejected when the spike recovery was less than 10 percent, indicating an extremely low bias.

Laboratory Control Sample Recoveries

LCSs (MS blanks) were analyzed with every batch of samples, as required. LCS duplicates were also analyzed for every batch. Several of the recoveries reported by the laboratory for LCS and duplicate LCS analyses did not meet control limits. A total of 2,630 sediment results (25.5 percent overall) and 4 tissue results (0.34 percent overall) were qualified as estimated (*J/UJ*) because the control limits for LCS recovery were not met. A total of 524 sediment results (5.1 percent overall) were rejected (*R*). Results were rejected when the recovery was less than 10 percent, indicating an extremely low bias.

Precision

MS/MSD analyses met the criteria for frequency of analysis. Several of the RPD values for MSD analyses did not meet the criteria for acceptable performance. A total of 150 sediment results (1.5 percent overall) and 5 tissue results (0.42 percent overall) for pesticides were qualified as estimated (*J/UJ*) because control limits for RPD values were not met. A total of 12 results (0.12 percent overall) were rejected (*R*). Results were rejected when the RPD was greater than the control limit and the spike recovery was less than 10 percent, indicating an extremely low bias and unstable response.

Method Detection Limits and Method Reporting Limits

MRLs generally met project DQOs (Exponent, 2000); however, in some instances, elevated MRLs were reported for some of the pesticides. MRLs were elevated when sample dilution was required to conduct the analysis, when limited sample volume was available for extraction, or when the percent moisture was high. Sample dilution was required when elevated concentrations of target analytes or matrix interferences, or both, prevented reliable identification and quantification of the target analytes in the sample.

Identification of Pesticides

A total of 18 results for alpha-endosulfan and 21 results for alpha-chlordane in sediment samples were qualified as tentatively identified (*NJ*) because these compounds co-eluted on one of the columns used for analysis. The results were qualified only when both compounds were detected.

Quantification of Pesticides

Several pesticide results were qualified as estimated or rejected because of poor precision between concentrations found on the two columns. A total of 809 sediment results (7.8 percent overall) and 107 tissue results (9.0 percent overall) were qualified as estimated (*J*) or tentatively identified (*NJ*). A total of 589 results (5.7 percent overall) were rejected (*R*).

In several cases, the retention time for a pesticide was outside the retention time window on one or both of the columns. In these cases, the result was restated as undetected (*U*) at the reported concentration. Four beta-hexachlorocyclohexane results, nine aldrin results, one methoxychlor result, and one gamma-chlordane result were restated as undetected.

Several calculation and transcription errors were noted during validation of sediment data. These were brought to the attention of the laboratory and corrected results were provided.

The sediment and fish tissue samples were analyzed by two different laboratories, which used slightly different methods to calculate precision between columns and to select results to report. For sediment samples, the precision between columns was calculated as the %D using the equation:

$$\%D = (\text{Conc. High} - \text{Conc. Low})/\text{Conc. Low}$$

The %D values were reported by the laboratory on summary forms. Qualifiers were applied using the following rules:

Qualification of Results

%D Value	Qualifier
< 40%	None
40%–100%	*J*
100%–200%	*NJ*
> 200%	*R*

For tissue samples, the precision between columns was calculated as the RPD using the equation:

$$RPD = (\text{Conc. High} - \text{Conc. Low})/((\text{Conc. High} + \text{Conc. Low})/2)$$

The laboratory did not report the RPD values in the data packages. However, the laboratory *P*-flagged results for which the RPD was greater than 40 percent. These *P*-flagged results were qualified as estimated (*J*).

The selection of the result to report varies between the laboratories as well. When an analyte was detected on both columns, the lower of the two results was reported for sediment samples on the Sample Summary Forms, as required by NYSDEC protocols. For tissue samples, the laboratory reported the higher of the two results on the Sample Summary Forms if the RPD value between columns was less than 40 percent. If the RPD value was greater than 40 percent, co-elution with nontarget peaks was suspected, and the laboratory reported the lower of the two results. This procedure is consistent with requirements in USEPA Method 8081A.

Field Quality Control Samples

Field quality control samples collected for the Phase 2A investigation included field blanks and field duplicate samples. The results for the field quality control samples are discussed in the following sections.

Field Blanks

Field blanks collected for pesticides included equipment blanks for the sediment samples and homogenization proofs for the fish tissue samples. Low levels of pesticides were detected in six equipment blanks for sediment sample collection. The highest concentration in any field blank was 0.03 μg/L (beta-hexachlorocyclohexane in field blank SBFB09). This concentration is much lower than the detection

limit for the sediment samples, which is typically 1 µg/kg. The review of the field blank results indicated that equipment decontamination procedures were sufficient to prevent cross-contamination of samples.

No pesticides were detected in the homogenization proofs for the fish tissue samples.

Field Duplicate Samples

Field duplicate samples were collected at a frequency of 5 percent of natural samples for sediment and dredge material samples. No field duplicates were collected for the fish samples. Field duplicates were not used to qualify data for pesticides. Of the 39 RPD results that could be calculated for field duplicates, 3 were above 100 RPD and 7 were between 50 and 100 RPD. Results for field duplicates are provided at the end of this report.

POLYCHLORINATED BIPHENYLS

A total of 517 discrete and 32 field duplicate sediment samples, 54 fish tissue samples, and 8 benthic macroinvertebrate samples were analyzed for PCB Aroclors for the Onondaga Lake Phase 2A investigation. Sediment samples included lake bottom sediment, wetlands sediment, and dredge material. Fish tissue samples included whole fish, fish fillets, remainder after removal of the fillets, and composite samples of YOY fish. A summary of sample types is provided in Table B2-1. QA/QC results for laboratory and field procedures and implications for data usability are provided below. Methods of analysis are summarized in Table B2-2.

Summary of Data Quality

Data for PCBs in all samples were of acceptable quality. A total of 943 results (19.3 percent of all PCB results) for sediment, 12 results (0.3 percent of all PCB results) for benthic macroinvertebrates, and 432 results (8.8 percent of all PCB results) for fish tissue were qualified as estimated (*J*) because control limits were exceeded for one or more laboratory quality control samples or procedures. In addition, five results (0.1 percent of all results) were restated as undetected (*U*) because of method blank contamination. No results were rejected. The qualified data may have a larger associated bias or may be less precise than unqualified data, but are of acceptable quality for use in the RI, ERA, and HHRA. Results of the quality assurance review are summarized in Tables B2-11, B2-12, and B2-13. Tables B2-14, B2-15, and B2-16 detail the number of qualifiers applied to PCB data by analyte and quality control exceedance.

Data Quality Assessment

The laboratory data were evaluated in terms of completeness, holding times, instrument performance, bias, and precision. The results for the quality control procedures used during sample analyses are discussed below.

Completeness

The results reported by the laboratory were 100 percent complete. No results were rejected.

Holding Times and Sample Preservation

All holding time constraints and sample preservation requirements were met, with the exception of all analyses of fish tissue samples (including homogenization blanks), which were extracted between 4 and 21 days past the 28-day holding time requirement. All 432 results for PCBs were qualified as estimated (*J*), and all 16 results for PCBs in the homogenization blanks were qualified as estimated (*J*). The fish tissue samples were thawed for homogenization and again for analysis, and were stored frozen at all other times. The effect of the holding time exceedances on the quality of the data is expected to be minimal.

Instrument Performance

The performance of the analytical instruments, as documented by the laboratory, was acceptable. No changes in instrument performance that would have resulted in the degradation of data quality were indicated during any analytical sequence.

Initial and Continuing Calibration

Initial and continuing calibrations were completed as required and met the criteria for acceptable performance, with the exception of three field blank results reported for Aroclor 1268, which were qualified as estimated (*J*) because the control limit for the associated continuing calibration was not met.

Method Blank Analyses

PCBs were not detected in the method blanks associated with the benthic macroinvertebrate and fish tissue samples.

PCBs were not detected in the method blanks associated with the sediment samples at levels that required data qualification, with the exception of one method blank. A total of five results (for Aroclors 1254 and 1260) were restated as undetected (*U*), because the sample result was less than five times the concentration found in the associated method blank.

Accuracy

The accuracy of the analytical results is evaluated in the following sections in terms of analytical bias (surrogate compound, MS, MSD, and LCS recoveries) and precision (MSD analyses).

Surrogate Compound Recoveries

The recoveries reported by the laboratory for the surrogate compounds tetrachloro-*m*-xylene and decachlorobiphenyl (DCB) typically met the criteria for acceptable performance. A total of 144 results (3.2 percent overall) for sediments and 6 results (1.4 percent overall) for fish tissue were qualified as estimated (*J*) because the control limits for surrogate recovery and the criterion for the number of surrogate recovery exceedances were not met.

Matrix Spike Recoveries

The recoveries reported by the laboratory for MS/MSD analyses, and the frequency of analysis, typically met the criteria for acceptable performance. MSs were analyzed at the required frequency.

Six MS/MSD recoveries associated with the sediment samples (ranging from 56 to 67 percent) were below the lower control limit of 70 percent. No action was required because sample results are not qualified solely based on MS recoveries (SOP HW-23; USEPA, 1995) and there was no indication of a systematic bias.

Seven MS/MSD recoveries (for Aroclors 1016 and 1260) associated with the fish tissue samples (ranging from 165 to 550 percent) were above the upper control limit of 145 percent. The laboratory case narratives stated that the presence of a high concentration of Aroclor 1248 in the natural sample interfered with accurate quantification of Aroclor 1016 for these MSs. Therefore, no further corrective action was taken.

Laboratory Control Sample Recoveries

The recoveries reported by the laboratory for all LCS analyses, and the frequency of analysis, met the criteria for acceptable performance.

Precision

The results reported by the laboratory for MSD analyses, and the frequency of analyses, met the criteria for acceptable performance, with one exception. One RPD associated with the fish tissue samples and one RPD associated with the sediment samples were above the respective control limits. No action was required because sample results are not qualified solely based on MS recoveries (SOP HW-23; USEPA, 1995) and there was no indication of a systematic bias.

Method Detection Limits and Method Reporting Limits

MDLs and MRLs generally met project DQOs. Elevated MDLs and MRLs were reported for a portion of the results. MDLs and MRLs were elevated when sample dilution was required due to elevated concentrations of target analytes or matrix interferences, or both, which prevented reliable identification and quantification of the target analytes in the sample down to the MRL.

Identification and Quantification

All criteria for the identification of PCBs as Aroclor mixtures reported as detected or undetected, as specified in the applicable analytical method, were met. The calculations for analyte quantification were acceptable.

A total of 890 sediment results (18.2 percent of total) and 12 benthic macroinvertebrate results (0.3 percent overall) were qualified as estimated (*J*) because the Aroclor mixture reported as detected exhibited a weathered pattern, as interpreted by the laboratory.

A total of 326 sediment results (6.7 percent overall) and 9 benthic macroinvertebrate results (0.2 percent overall) were reported as detected at concentrations above the MDL, but less than the MRL. These results were qualified as estimated (*J*) by the laboratory because concentrations in this range are less precise than results reported at concentrations above the MRL.

Field Quality Control Samples

Field quality control samples analyzed with the natural samples included field blanks (equipment rinsate blanks for sediments and homogenization blanks for fish tissue) and field duplicate samples (for sediment and benthic macroinvertebrates). A summary of the number of field quality control samples and the analyses conducted is provided in Table B1-1.

Field Blanks

PCBs were not detected in any field blank.

Field Duplicate Samples

Field duplicate samples were collected at a frequency of 5 percent of natural samples for sediment and dredge material samples, and as abundance of individuals allowed for the benthic macroinvertebrates. Field duplicates were not used to qualify data for PCBs. Of the 42 RPD results that could be calculated for sediment, dredge material, and benthic macroinvertebrate field duplicates, five were above 100 RPD and 12 were between 50 and 100 RPD. One field duplicate sample (two separate composite samples from

the same station) was collected with the benthic macroinvertebrate samples. Results for Aroclor 1242, the only PCB detected in the duplicate samples, were in agreement (16 RPD). Results for field duplicates are provided at the end of this appendix.

POLYCHLORINATED DIBENZO-*P*-DIOXINS AND POLYCHLORINATED DIBENZOFURANS

A total of 130 discrete and 11 field duplicate sediment samples and 55 fish tissue samples were analyzed for PCDDs/Fs for the Onondaga Lake Phase 2A investigation. Sediment samples included lake bottom sediment, wetlands sediment, and dredge material. Fish tissue samples included whole fish, fish fillets, the carcass remaining after removal of the fillets, and composite samples of YOY fish. A summary of sample types is provided in Table B2-1. QA/QC results for laboratory and field procedures and implications for data usability are provided below. Methods of analysis are summarized in Table B2-2.

Summary of Data Quality

Data for PCDDs/Fs in lake bottom sediment, wetlands sediment, dredge material, and fish tissue were of acceptable quality. A total of 802 results (16.4 percent of all PCDD/F results) for sediment and 543 results (11.1 percent of all PCDD/F results) for fish tissue were qualified as estimated because control limits were exceeded for one or more laboratory quality control samples or procedures. In addition, 131 results (2.7 percent of all PCDD/F results) for sediment and 56 results (1.1 percent of all PCDD/F results) for fish tissue were restated as undetected during the quality assurance review because of method blank contamination. No results were rejected. The qualified data may have a larger associated bias or may be less precise than unqualified data, but are of acceptable quality for use in the RI, ERA, and HHRA. Results of the quality assurance review are summarized in Tables B2-17 and B2-18. Tables B2-19 and B2-20 detail the number of qualifiers applied to these data by analyte and quality control exceedance.

Data Quality Assessment

The laboratory data were evaluated in terms of completeness, holding times, instrument performance, bias, and precision. The results for the quality control procedures used during sample analyses are discussed below.

Completeness

The results reported by the laboratory were 100 percent complete. No results were rejected.

Holding Times and Sample Preservation

Analytical holding time constraints and sample preservation requirements were met, with the exception of four sediment samples. These were extracted and analyzed past the respective holding time requirements. Two samples were initially extracted and analyzed within the holding time limits but required re-extraction and reanalysis, nine days past the holding time requirements, due to low surrogate recoveries. Two other samples were shipped to the laboratory nearly two months after collection as the result of an oversight in the field. These samples were received at the laboratory 23 days after the holding time expired. They were extracted 33 days past the holding time, and analyzed 27 days past the holding time for sample extracts. As a result, all 25 results for each of the four sediment samples (100 results total; 2.1 percent of all results) were qualified as estimated (*J*).

Instrument Performance

The performance of the analytical instruments, as documented by the laboratory, was acceptable. No changes in instrument performance that would have resulted in the degradation of data quality were indicated during any analytical sequence.

Mass Spectrometer Tuning

The mass spectrometer tuning checks made by the laboratory prior to sample analyses were acceptable.

Initial and Continuing Calibration

Initial and continuing calibrations were completed and met the criteria for acceptable performance and frequency of analysis.

Method Blank Analyses

A number of PCDD/F congeners were detected in the method blanks associated with both sediment and fish tissue samples. Sample results were compared to the associated method blank and the results were restated as undetected if a PCDD/F was present in a sample at a concentration less than five times the concentration found in the method blank. A total of 131 results (2.7 percent overall) for sediment and 56 results (1.1 percent overall) for fish tissue samples were restated as undetected (*U*) during the quality assurance review. In addition, results were restated as undetected for 19 equipment rinsate blanks for sediment and 4 homogenization blanks for fish tissue.

A number of PCDD/F congeners were also detected in several instrument blanks. The laboratory case narratives stated that there was no indication of instrument contamination between injections and that the contamination was isolated to the instrument blank, as was evidenced by the absence of PCDDs/Fs in the toluene blanks analyzed just prior to the instrument blanks. No action was taken based on the detection of PCDD/Fs in the instrument blanks.

Accuracy

The accuracy of the analytical results is evaluated in the following sections in terms of analytical bias (recoveries for isotopically labeled internal standards, recovery standards, MS/MSDs, and LCSs) and precision (MSD and duplicate sample analyses).

Internal Standard Recoveries

The recoveries reported by the laboratory for the isotopically labeled internal standard (or surrogate) compounds typically met the criteria for acceptable performance. A total of two sediment results and six tissue results were qualified as estimated (*J*) because recoveries exceeded control limits.

Recovery Standard Performance

The area counts and retention times reported by the laboratory for the isotopically labeled recovery standards met the criteria for acceptable performance.

Matrix Spike Recoveries

The recoveries reported by the laboratory for MS (sediment and tissue samples) and MSD (sediment samples only) analyses, and the frequency of analysis, met the criteria for acceptable performance. Some MS data were not reported because analytes used in the spiking solution were present in the sample selected for spiking at concentrations significantly above the spiking concentration. Data were not qualified when MS recoveries could not be reported.

Laboratory Control Sample Recoveries

The recoveries reported by the laboratory for all LCS analyses, and the frequency of analysis, met the criteria for acceptable performance.

Precision

The results reported by the laboratory for MSD and duplicate sample analyses typically met the criteria for acceptable performance, with the exceptions of the RPD for total HpCDD in Sample VC0062 and the RPDs for 1,2,3,6,7,8-HxCDD and 1,2,3,6,7,8-HxCDF in Sample DM0001. No action was taken because the results reported for other quality control measurements (e.g., MS and LCS recoveries, sample-specific internal standard recoveries, and recovery standard performance) were acceptable.

Method Detection Limits

MDLs generally met project DQOs. MDLs for some samples were elevated when sample dilution was required because elevated concentrations of target analytes or matrix interferences, or both, prevented reliable identification and quantification of the target analytes in the sample.

A total of 663 results (13.5 percent overall) for sediment and 537 results (11.0 percent overall) for tissue were reported at concentrations above the MDL, but less than the lower method calibration limit (LMCL), and were qualified as estimated (*J*) by the laboratory. In addition, 34 results for equipment rinsate blanks for sediment and 1 result for a homogenization blank for fish tissue were reported at concentrations above the MDL, but less than the LMCL, and were qualified as estimated by the laboratory.

Identification and Quantification

All criteria for the identification of PCDD/Fs, as specified in the analytical method, were met. The calculations for analyte quantification were acceptable.

The laboratory reported a total of 233 results (4.8 percent overall) for sediment and 169 results (3.4 percent overall) for tissue as estimated maximum possible concentrations (EMPCs). EMPCs were reported when a PCDD/F was identified as present, but not all criteria for qualitative identification were met. In addition, 20 results for sediment equipment rinsate blanks and 1 result for a tissue homogenization blank were reported as EMPCs. All results reported as EMPCs were qualified as estimated (*J*) during the quality assurance review.

A result reported as an EMPC corresponds to the concentration that would be present if the signals (ions) had met all criteria for qualitative identification (e.g., ion abundance ratios) as specified in the method. The actual concentration of these qualified results is likely to be lower than the reported concentration. For

example, a co-eluting compound that is present in the sample may be responsible for the discrepancy in the abundance ratio of the primary ions. An EMPC is also reported for each total homolog group (i.e., chlorination level), and represents the sum of all positively identified PCDD/F isomers in the homolog group and all peaks that do not meet all identification criteria.

Field Quality Control Samples

Field quality control samples analyzed with the natural samples included equipment rinsate blanks and field duplicates for sediment samples, and homogenization blanks for fish tissue samples. A summary of the number of field quality control samples and the analyses conducted is provided in Table B2-1.

Equipment Rinsate Blanks and Homogenization Blanks

Several PCDD/F congeners were detected at low levels in all of the equipment rinsate blanks. The highest concentration for any congener was 25.2 pg/L of 1,2,3,4,6,7,8-HpCDF in equipment blank VCFB08. This is the only case where the concentration of any PCDD/F was greater than 20 percent of the detection limit for sediment (typically 0.1 ng/kg on a dry weight basis). No results for this analyte in related field samples were below five times the concentration found in the blank. The results for equipment blanks indicated that the sample collection procedure did not contribute significant quantities of PCDD/Fs to the sediment samples.

Homogenization Blanks

A number of PCDD/F congeners were detected at low levels in the homogenization blanks. The highest concentration was 2.1 pg/L of OCDD in blank Proof_2. This concentration was well below the detection limit for PCDD/F congeners in fish tissue, which was typically around 0.1 ng/kg. Results for homogenization blanks indicated that the sample homogenization process did not contribute measurable quantities of PCDD/Fs to the fish tissue samples.

Field Duplicate Samples

Field duplicate samples were collected at a frequency of 5 percent of natural samples for sediment, dredge material, and benthic macroinvertebrate samples. Field duplicate results were not used to qualify PCDD/F data. Of the 181 RPD results that could be calculated for field duplicates, 23 were above 100 RPD and 47 were between 50 and 100 RPD. Results for field duplicates are provided at the end of this appendix.

INORGANICS

This section addresses lake bottom sediments, wetlands sediment, and dredge material samples analyzed for metals for the Onondaga Lake Phase 2A investigation. A total of 484 discrete and 30 field duplicate lake, wetland, and dredge material sediment samples and 55 fish samples were analyzed for inorganics, as indicated in Table B2-1. In addition, 34 discrete and 2 field duplicate sediment samples from benthic bioaccumulation stations were analyzed for total mercury. O'Brien and Gere Laboratories completed the sediment and dredge material analyses and Columbia Analytical Services in Kelso, WA completed the fish tissue analyses. QA/QC results for laboratory and field procedures and implications for data usability are provided below. Analyses for total and methylmercury in fish, benthic macroinvertebrates, and all samples for the porewater study were completed by a specialty laboratory using low-level analytical procedures. These analyses are discussed in the next section. Methods of analysis are summarized in Table B2-2.

Summary of Data Quality

Data for inorganics in lake bottom sediment, wetlands sediment, dredge material, and fish tissue were of acceptable quality. Only one result, for cyanide in lake sediment Sample SB0019, was of unacceptable quality and was rejected. A total of 2,080 results for sediments and 61 results for fish tissue were qualified as estimated (*J*) because control limits were exceeded for one or more laboratory quality control samples or procedures. These qualified data may have a larger associated bias or may be less precise than unqualified data, but are of acceptable quality for use in the RI, ERA, and HHRA. Results of the quality assurance review are summarized in Tables B2-21 and B2-22. Tables B2-23, B2-24, and B2-25 detail the number of qualifiers applied to the data for inorganics by analyte and quality control exceedance.

Data Quality Assessment

The laboratory data were evaluated in terms of completeness, holding times, instrument performance, bias, and precision. The results of the quality control procedures used during sample analyses are discussed below.

Completeness

The results reported by the laboratories for inorganics in sediment, dredge material, and fish tissue were 100 percent complete. One cyanide result was rejected during data validation because the maximum holding time was exceeded. Final completeness for sediment samples was over 99 percent.

Holding Times and Sample Preservation

All holding time constraints and sample preservation requirements were met for all sample types, with the exception of one cyanide result (lake bottom sediment Sample SB0019), which was rejected (*R*) because the sample was analyzed one day past the holding time requirement, and cyanide was not detected in the sample.

Calibration

The calibration of the analytical instruments, as documented by the laboratory, was acceptable, with the exceptions noted below. No changes in instrument performance that would have resulted in the degradation of data quality were indicated during any analytical sequence.

Initial and Continuing Calibration

Initial and continuing calibrations were completed as required for all sample types and target analytes. Results for all initial calibrations met control limits. One continuing calibration verification (CCV) standard for beryllium and one CCV standard for aluminum exceeded control limits for percent recovery during analyses of fish samples. As a result, four beryllium and five aluminum results were qualified as estimated (*J*).

Contract-Required Detection Limit Standards

All contract-required detection limit (CRDL) standard results met the criteria for acceptable performance and frequency of analysis.

Initial and Continuing Calibration Blanks

The initial and continuing calibration blank analyses met the criteria for acceptable performance.

Interference Check Samples

All interference check sample results met the criteria for acceptable performance and frequency of analysis.

Method Blank Analyses

Target analytes were not detected in the method blanks for fish tissue. For sediment samples, target analytes were not detected in the method blanks at levels that required data qualification. Several metals were detected in several blanks; however, no results required qualification because the inorganics, if detected, were present in the samples at concentrations greater than five times the concentrations in the associated method blanks.

Accuracy

The accuracy of the analytical results is evaluated in the following sections in terms of analytical bias (LCS, MS/MSD samples, and serial dilution analyses) and precision (duplicate sample analyses).

Laboratory Control Sample Recoveries

The recoveries reported by the laboratory for all LCS analyses, and the frequency of analysis, met the criteria for acceptable performance.

Matrix Spike Recoveries

MS samples were analyzed at the required frequency. MSDs were analyzed in addition to the MS samples for the sediment/dredge material as well as the fish samples. MSD samples are not required by either SW-846 Method 6010A or the NYSDEC (NYSDEC, 1995). Laboratory duplicate samples (with no added spike) were also analyzed with each MS/MSD pair. Only the analyte concentration in the first of the duplicate analyses was used to calculate recoveries for the MS and MSD.

The recoveries reported by the laboratory for MS analyses typically met control limits. Exceptions are discussed below. Related data were qualified if either the MS or the MSD exceeded control limits (75 to 125 percent recovery). MS results were considered unusable and were not evaluated if the concentration of metal in either the sample or the laboratory duplicate exceeded four times the concentration of the spike added to the MS samples. In these cases, spike recovery could not be distinguished from sample variability.

Sediment and Dredge Material

A total of 1,450 results reported for various inorganics (aluminum, antimony, barium, beryllium, cadmium, chromium, cobalt, copper, lead, magnesium, manganese, total mercury, nickel, potassium, selenium, sodium, vanadium, and zinc) were qualified as estimated (*J*) during the quality assurance review because the control limits for MS recovery (75 to 125 percent recovery) were not met for the MS, the MSD, or both. Details are provided in Table B2-23.

The recoveries for several MS results exceeded the control limits for qualification of the result, as estimated (i.e., recovery of 10 to 74 and 126 to 200 percent). MS or MSD results exceeded 200 percent recovery in the following cases:

- Recoveries of copper from the MS and MSD for Sample SF0117 (Sample Delivery Group [SDG] 6463; quality control batch 081500S2) were 327 and 328 percent, respectively.
- Recoveries of zinc from the MS and MSD for Sample SF0117 were 469 and 588 percent, respectively.
- Recovery of manganese from the MSD for Sample VC0025 (SDG 6310; quality control batch 080400S1) was 230 percent.
- Recoveries of total mercury from the MS and MSD for Sample SF0055 (SDG 6469), the MS for Sample VC0065 (SDG 6302), and the MSD for Sample VC0149 (SDG 6222) ranged from 202 to 278 percent.

MS results were below 10 percent recovery in the following cases:

- Recoveries of manganese from the MS and MSD for Sample SF0142 (quality control batch 082200S2) were -28 and -11 percent.
- Recovery of total mercury from the MS for Sample WS0001 (quality control batch 082800S2) was -40 percent.

In all cases there were no other quality control results (MSs, LCSs, laboratory duplicates) that indicated a severe problem in analytical bias. For Samples VC0025 and SF0142, the native manganese

concentrations in the sample were close to four times the added spike. In addition, the laboratory duplicates showed unusually (but acceptably) high variability for manganese in Sample SF0142 (31 RPD). These factors would be expected to contribute to high or low spike recoveries.

No explanation was found for the high recoveries of copper and zinc from Sample SF0117. However, the fact that the only unacceptable recoveries for these analytes were found in the same sample suggests that the spike analysis itself may have been problematic. Nineteen of the 30 usable MS results for Sample SF0117 did not meet control limits. No systematic problem was evident in the analyses for copper and zinc.

The outlying spike recoveries for mercury appeared to be related to the ratio of the native mercury concentration to the spiked concentration. Native concentrations of total mercury in these samples ranged from 1.3 to 3.4 times the added spike concentration (Table B2-24). Total mercury recovery for samples with lower sample-to-spike ratios either met or came close to meeting control limits in all cases. No systematic problem or bias of the total mercury data was evident. Sample variability may have contributed to the outlying spike recoveries for at least two of the spike samples (SF0055 at 15 RPD and VC0149 at 28 RPD). The total mercury data for the Phase 2A samples were compared statistically with data from previous sampling events, and were found to be representative of the same population.

After a thorough review of the data packages and extensive communication with the laboratory, it was concluded that the MS/MSD results in question were not indicative of a large-scale problem with the data. Associated sample results were not rejected, but were qualified as estimated (*J*) and are considered acceptable for use in the RI and risk assessments. A total of 159 results for inorganics (copper, manganese, total mercury, and zinc) were qualified in this manner.

Fish Tissue

A total of 21 results for inorganics (aluminum, iron, and zinc) in fish tissue were qualified as estimated (*J*) during the quality assurance review because the control limits for MS recovery were not met. Details are provided in Table B2-25.

Serial Dilution Analyses

Serial dilution results for the sample analyses, and the frequency of analysis, typically met the criteria for acceptable performance. The control limit for serial dilution is a 10 percent difference between the undiluted sample and the diluted sample (after adjustment for the dilution).

For inorganics in sediment and dredge material samples, a total of 739 results were qualified as estimated (*J*) during the quality assurance review because the control limit was not met. For inorganics in fish tissue, a total of 31 results were qualified as estimated (*J*) because the control limit was not met.

Precision

The results reported by the laboratory for duplicate analyses, and the frequency of analysis, met the criteria for acceptable performance. In certain instances, precision results exceeded control limits for MSD recoveries for sediment/dredge material samples. However, this appeared to be due to variability in the MS recoveries (see above), and not in the precision of the analysis of the unspiked samples. Because the results

associated with these MSDs were already qualified based on spike recoveries, no further qualification was appropriate.

Instrument Detection Limits and Method Reporting Limits

Instrument detection limits (IDLs) and MRLs met project DQOs (Exponent, 2000).

Field Quality Control Samples

Field quality control samples analyzed with the natural samples included field blanks (equipment blanks for sediment and homogenization proofs for fish tissue) and field duplicate samples. A summary of the number of field quality control samples and the analyses conducted is provided in Table B2-1.

All of the data for two samples, SF0123 and SF0123_R, were qualified as estimated because the sampling crew could not reliably collect the upper 2 cm of sediment for these samples at Station S340. Details are provided in the introduction to this appendix.

Field Blanks

Target analytes were not detected in the field blanks at levels that required data qualification. Several metals were detected in one blank; however, no results required qualification because the metals, if detected, were present in the samples at concentrations greater than five times the concentrations in the associated field blank.

Field Duplicate Samples

Field duplicate samples were collected only for sediment samples. The results reported by the laboratory for field duplicate analyses, and the frequency of analysis, met the criteria for acceptable performance, with the exception of the results for potassium, sodium, arsenic, calcium, iron, vanadium, total mercury, and selenium in field replicate sample pair WS0010/WS0034. Sixteen results (less than 1 percent overall) for the listed analytes in Samples WS0010 and WS0034 were qualified as estimated (*J*). The RPDs between field replicate results for the analytes listed were greater than the control limit of 100 percent. Of the 606 possible RPD calculations, 17 were above 100 RPD, and 38 were between 50 and 100 RPD. Field duplicate results are provided at the end of this appendix.

Specialty Analyses: Low-Level Mercury and Methylmercury in All Sample Types and Data for the Porewater Study

This section of the quality assurance report summarizes data quality for specialty analyses completed by Frontier Geosciences (FGS) in Seattle, WA. FGS was responsible for the following analyses:

- Low-level total mercury analyses in fish tissue and benthic macroinvertebrates.
- Methylmercury analyses in benthic macroinvertebrates and in sediment collected for toxicity testing.
- Total solids in benthic macroinvertebrates.
- All analyses for the porewater study.

Analyses for the porewater study included:

- Total mercury and methylmercury in sediment, porewater, and lake water overlying the sediment.
- Dissolved iron, manganese, and sulfide in porewater and total and dissolved iron, manganese, and sulfide in the overlying lake water.
- TSS in lake water.
- Total solids and pH in sediment.

In addition to the above, TOC was analyzed in sediment samples collected for the porewater study. The analyses were not completed by FGS and are included in the discussion of TOC analyses in the next section of this quality assurance report. A summary of samples and analyses is provided in Table B2-1. Methods of analysis are described in the introduction and summarized in Table B2-2.

Summary of Data Quality

Data were of acceptable quality. A total of 59 results (7.3 percent of all specialty analysis results) were qualified as estimated because control limits were exceeded for one or more laboratory quality control samples or procedures. These qualified data may have a larger associated bias or may be less precise than unqualified data, but are of acceptable quality for use in the human and ecological risk assessments. One result for total mercury (porewater Sample PE0039) and one field blank result for total mercury were rejected. Sixteen results for sulfide and 10 results for methylmercury were restated as undetected (*U*). Results of the quality assurance review are summarized in Table B2-26. Table B2-27 details the number of qualifiers applied to specialty analyses data by analyte and quality control exceedance.

Data Quality Assessment

The laboratory data were evaluated in terms of completeness, holding times, instrument performance, bias, and precision. The results of the quality control procedures used during sample analyses are discussed below.

Completeness

The results reported by the laboratory were 100 percent complete for all analyses. One result for mercury was rejected during data validation. Final completeness for the porewater samples was 99.7 percent.

Holding Times and Sample Preservation

All analytical holding time constraints and sample preservation requirements were met, with the exception of seven total mercury analyses (from the sediment portion of the porewater study) that were analyzed three or four days beyond the holding time limit of 28 days. The seven total mercury results were qualified as estimated (*J*).

Calibration

The calibration of the analytical instruments, as documented by the laboratory, was acceptable. No changes in instrument performance that would have resulted in the degradation of data quality were indicated during any analytical sequence.

Initial and Continuing Calibration

Initial and continuing calibrations met the criteria for acceptable performance and frequency of analysis.

Initial and Continuing Calibration Blanks

All calibration blank analyses met the criteria for acceptable performance and frequency of analysis.

Method Blank Analyses

Two sets of method blanks were analyzed for methylmercury for the benthic macroinvertebrate analyses completed on August 22, 2000 (batch MHG1-000822-1). The first set of three method blanks yielded unusually high results. A second batch was analyzed at the end of the sequence, with somewhat lower results. All samples are corrected for contributions by reagents, which are determined from results for the method blanks (USEPA Method 1630). The laboratory used the average of the values for the second set of blanks to blank-correct the data.

Variations in method blanks indicate instability in the analysis system. When extremely small sample sizes are analyzed, the results are greatly influenced by any instability because the concentrations at the instrument are very low. In addition, any inaccuracies are magnified when the result is adjusted for the small initial sample mass. Only a very small mass was available for several samples in batch MHG1-000822-1. Because data were corrected only for the lower of the method blanks, results that were below two times the highest method blank after correction for the calibration blanks were restated as undetected (*U*). A total of 10 results were restated.

TSS were detected in the preparation blank associated with seven lake water samples at a concentration greater than 20 percent of the concentration in the samples. The seven TSS results (0.9 percent of all results) were qualified as estimated (*J*).

Accuracy

The accuracy of the analytical results is evaluated in the following sections in terms of analytical bias (MS, LCS, standard reference material [SRM], and MSD analyses) and precision (duplicate sample analyses).

Matrix Spike Recoveries

The recoveries reported by the laboratory for MS and MSD analyses, and the frequency of analysis, met the criteria for acceptable performance.

Laboratory Control Sample Recoveries

The recoveries reported by the laboratory for all LCS analyses, and the frequency of analysis, met the criteria for acceptable performance.

Standard Reference Material Recoveries

The recoveries reported by the laboratory for all SRM analyses, and the frequency of analysis, met the criteria for acceptable performance.

Precision

The results reported by the laboratory for duplicate analyses, and the frequency of analysis, met the criteria for acceptable performance, with one exception. One pair of duplicate results for iron and manganese in porewater had RPDs outside control limits. The RPDs for the other three duplicate pairs associated with the porewater samples were acceptable, so only the iron and manganese results (0.1 percent of all results) for the one duplicate pair were qualified as estimated (*J*).

Instrument and Method Detection and Reporting Limits

All instrument and method detection and reporting limits met project DQOs (Exponent, 2000). Reporting limits were elevated for many benthic macroinvertebrate samples because of sample size limitations.

Instrument-Specific Quality Control Procedures

Instrument-specific quality control procedures for analyses by ICP (i.e., for iron and manganese) include ICP interference check samples and ICP serial dilution analyses.

Interference Check Samples

All interference check sample results met the criteria for acceptable performance and frequency of analysis.

Serial Dilution Analyses

Serial dilution results for the sample analyses, and the frequency of analysis, typically met the criteria for acceptable performance. One result for iron and one porewater manganese result (0.1 percent of all results) were qualified as estimated (*J*) because the control limit of less than 10 percent difference between undiluted and diluted sample results was not met.

Field Quality Control Samples

Field quality control samples analyzed with the natural samples included field blanks and field duplicates. A summary of the number of field quality control samples and analyses is provided in Table B2-1.

Field Blanks

Three types of field blanks were collected for the porewater study. These included equipment blanks for lake water collection and filtration and extraction blanks for sediment porewater. In addition, homogenization proofs were collected for fish tissue.

Total mercury and manganese were detected in the field blanks for porewater extraction. All results for manganese were much greater than five times the level found in the blanks. However, mercury concentrations were less than five times the blank results for 23 samples. These results were greater than two times the blank concentrations in all cases and were qualified as estimated (*J*). In addition, the mercury concentration in one porewater sample (Sample PE0039) was similar to the concentrations found in the extraction blanks. The mercury result for the extraction blank (PRFB02) that was collected on the same day as this sample was anomalously high and was rejected. It is possible that Sample PE0039 and Blank PRFB02 were reversed at some point during preparation or analysis. The concentration in Sample PE0039 is similar to the remaining extraction blanks, and the result for Blank PRFB02 is consistent with the two replicate results for this station and depth interval. The mercury result for Sample PE0039 was rejected because of possible misidentification of the sample.

Sulfide, iron, manganese, mercury, and methylmercury were detected at low levels in the field blanks for lake water. Of the results for metals, 12 of the 16 lake water results for total and dissolved iron were less than five times the concentration found in the blanks, as were one result for dissolved methylmercury and four results for dissolved mercury. These results were all greater than two times the concentration found in the blanks and were qualified as estimated (*J*). Sulfide was detected in the field blanks for filtered and unfiltered lake water at concentrations similar to the lake water samples. All 16 associated lake water results had sulfide concentrations less than two times the concentration in the field blanks and were restated as undetected (*U*).

Low levels of mercury were present in the homogenization blanks for fish tissue. However, the concentrations in the blanks were not sufficiently high to indicate a potential for contamination in the fish samples.

Field Duplicate Samples

Field duplicates for the porewater study were collected at one station for lake water samples and at two stations for sediment samples. Two field duplicate sediment samples were collected at benthic bioaccumulation stations for methylmercury analysis. Field duplicates were also collected for two samples

of benthic macroinvertebrates. Results for all field duplicates were below 50 RPD. Field duplicates were not required at the sediment toxicity stations or for the fish tissue samples. Results are provided at the end of this appendix.

ACID-VOLATILE SULFIDE, SIMULTANEOUSLY EXTRACTED METALS, CONVENTIONAL PARAMETERS, AND PHYSICAL CHARACTERISTICS

A total of 613 samples (including discrete samples and field duplicates) of lake bottom sediment, wetlands sediment, and dredge material were collected for the Onondaga Lake Phase 2A investigation. These samples were analyzed for the following parameters (Table B2-1):

- TOC and total solids (all 613 samples).
- Sand, silt, and clay (all samples except those for the FS).
- Detailed grain size analysis by hydrometer, carbonate, specific gravity, and Atterberg Limits (samples for the FS).
- AVS/SEM, total sulfide, and ammonia (samples for the sediment toxicity study).

A total of 24 samples were also collected for the grain size study. These were analyzed for detailed grain size distribution by hydrometer.

The analyses were completed by Columbia Analytical Services in Rochester, NY; Redding, CA; and Kelso, WA. In addition, 55 fish tissue samples were analyzed for total lipids by Axys Analytical Services, and seven benthic macroinvertebrate samples were analyzed for lipids by Northeast Analytical. Data validation was completed by Exponent. QA/QC results for laboratory and field procedures and implications for data usability are provided below. Methods of analysis are summarized in Table B2-2.

Summary of Data Quality

Data for AVS/SEM, conventional parameters, and physical characteristics in lake bottom sediment, wetlands sediment, and dredge material and lipids in fish and benthic macroinvertebrate tissue were of acceptable quality. No results were rejected. A total of 114 results (2.5 percent of all results) were qualified as estimated because control limits were exceeded for one or more laboratory quality control samples or procedures. These qualified data may have a larger associated bias or may be less precise than unqualified data, but are of acceptable quality for use in the RI, ERA, and HHRA. Data qualifiers were only applied to results for lake bottom sediment; no results for dredge material or wetlands sediment required qualification. Results of the quality assurance review are summarized in Table B2-28. Tables B2-29 and B2-30 detail the number of qualifiers applied to conventional analytes, physical parameters, and AVS/SEM data by analyte and quality control exceedance.

Grain Size Study

Samples for the grain size study were analyzed using ASTM Method D 422-63 (ASTM, 1998). As specified in the method, samples were analyzed for nine gravel and sand fractions (> 0.75 mm) by sieving and for seven silt and clay fractions by sedimentation and hydrometer. An incontinuity was noted between data collected by sieving and by hydrometer. This may be the result of the low specific gravity of these sediments, which was generally not much above 1 g/cc. The data for the sieve analyses seem internally consistent, as did the data for the hydrometer analysis. As a result, the sieve data and hydrometer data were not combined during evaluation of sedimentation patterns, but were used in parallel, independently.

Data Quality Assessment

The laboratory data were evaluated in terms of completeness, holding times, instrument performance, bias, and precision. The results of the quality control procedures used during sample analyses are discussed below.

Completeness

The results reported by the laboratories were 100 percent complete. No results were rejected during data validation.

Holding Times and Sample Preservation

All holding time constraints and sample preservation requirements were met for all sample types and all analyses.

Calibration

The calibration of the analytical instruments, as documented by the laboratory, was acceptable. No changes in instrument performance that would have resulted in the degradation of data quality were indicated during any analytical sequence.

Initial and continuing calibrations were completed as required for all sample types and applicable target analytes (ammonia, AVS, and SEM). Results for all initial calibrations met control limits. Analyses for total sulfide were completed by titration, a procedure that does not require initial calibration. AVS analyses were completed by colorimetry, which does require calibration.

Contract-Required Detection Limit Standards

CRDL standards were required only for SEM analyses. Results for all CRDL standards met the criteria for acceptable performance and frequency of analysis.

Initial and Continuing Calibration Blanks

Initial and continuing calibration blanks were required for analyses of TOC, ammonia, AVS, and SEM. Results for these calibration blanks met the criteria for acceptable performance in all cases.

Interference Check Samples

Interference check samples were required for SEM analyses. All interference check samples were analyzed at the required frequency and all results met control limits.

Method Blank Analyses

Metals were detected in three method blanks for SEM analyses. Copper and zinc were detected at low levels in the method blank for SDG K2006189, and nickel was detected in the method blank for SDG K2006427. SEM results for associated sediment extracts were qualified as estimated when the concentration was less than five times the blank (SOP HW-2; USEPA, 1992). Copper results for Samples

SF0111_T and SF0050 and the nickel result for Sample SF0162 were qualified as estimated. These concentrations may be biased slightly high. Although zinc was detected in two method blanks, the concentrations in the associated samples were greater than five times the blank and were, therefore, not qualified.

Target analytes were not detected in any method blank for specific gravity, TOC, carbonate, total solids, total sulfide, and AVS. Method blanks were not required for Atterberg Limits, grain size distribution, or total solids.

Accuracy

The accuracy of the analytical results is evaluated in the following sections in terms of analytical bias (LCS, MS samples, and serial dilution analyses) and precision (duplicate sample analyses).

Laboratory Control Sample Recoveries

The recoveries reported by the laboratory for all LCS analyses met the criteria for acceptable performance. LCSs were analyzed at the required frequency for TOC, carbonate, ammonia, total sulfide, AVS, and SEM. LCS analysis was not required for physical characteristics (Atterberg Limits, grain size [detailed hydrometer analysis], sand/silt/clay grain size, specific gravity, and total solids).

Matrix Spike Recoveries

MS samples were included at the required frequency for all applicable analyses. MS recoveries met control limits for TOC, total sulfide, AVS, and SEM. MS recoveries for ammonia met control limits for all sample batches except SDG R2003341. Samples SF0038, SF0048, SF0054, SF0022, SF0084, and SF0090 were qualified as estimated (*J*) because the associated spike recovery was below 75 percent. Analyses for grain size (detailed hydrometer analysis), Atterberg Limits, sand/silt/clay, specific gravity, plasticity, carbonates, and total solids did not require MS analyses.

Serial Dilution Analyses

Serial dilution of samples is required for analysis of metals only. The control limit for serial dilution is a 10 percent difference between the undiluted sample and the diluted sample (after adjustment for the dilution). Serial dilution results for the SEM analyses typically met control limits. Exceptions were nickel and lead in Samples SF0038, SF0048, and SF0054, and nickel only in Sample SF0162. For both metals in all four of these samples, the concentrations in the undiluted samples were between 10 and 20 times the IDL. The samples were diluted by a factor of 5 for the serial dilution; therefore, the diluted results were close to the IDL (i.e., 2 to 4 times the IDL). The nickel and lead results for related samples were qualified as estimated per USEPA Region 2 requirements; however, the difference between the diluted and undiluted samples is likely to be the result of lower precision at concentrations close to the IDL rather than the result of matrix effects in the samples.

Precision

Duplicate analyses were required for all conventional and physical parameters and were completed at the required frequency with two exceptions. Laboratory duplicate samples were not analyzed for Atterberg

Limits in SDGs D3737 and D3808. Results for Atterberg Limits for eight samples were qualified as estimated (*J*) because laboratory duplicate data were missing.

The results reported by the laboratory for duplicate analyses exceeded control limits in only one case. The laboratory duplicates result for AVS did not meet control limits for Sample SF0111_T (88 RPD). The AVS results for the 11 samples that were analyzed with these duplicates were qualified as estimated (*J*).

Instrument Detection Limits and Method Reporting Limits

IDLs and MRLs met project DQOs (Exponent, 2000).

Field Quality Control Samples

Field quality control samples collected for the Phase 2A investigation included field blanks and field duplicate samples.

Field Blanks

Equipment blanks were collected for TOC, total sulfide, and ammonia. Ammonia and total sulfide were not detected in any field blank. TOC was detected in field blanks BCFB02 (12.6 mg/L) and BCFB05 (1.9 mg/L). However, no results were qualified because all of the sample results were greater than five times the level found in the field blank. Field blanks were not collected for Atterberg Limits, grain size distribution (both methods), specific gravity, carbonates, AVS and SEM, and total solids.

Field Duplicate Samples

Field duplicate samples were collected for TOC, total solids, grain size (percent sand, silt, and clay), carbonate, Atterberg Limits, specific gravity, and detailed grain-size analysis by hydrometer. The laboratories were not aware of the identity of field duplicates. Data for the field duplicate samples only were qualified as estimated when the RPD between duplicate results exceeded the project DQO for precision (Exponent, 2000; SOP HW-2, USEPA, 1992).

Results did not meet control limits in several cases for TOC, grain size, and Atterberg Limits. Of the 25 pairs of duplicate samples analyzed for TOC, 7 RPDs exceeded the control limit (35 RPD). The maximum result was 74 RPD, found in Sample VC0105 at Station S314. Results exceeded the control limit (35 RPD) for sand in 3 duplicate samples and for silt in 1 duplicate sample of the 17 sets of duplicate samples that were analyzed for sand, silt, and clay. The highest result, 67 RPD, was reported for sand in Sample VC0002 at Station S301.

Eight field duplicate samples were analyzed for carbonate, Atterberg Limits, specific gravity, and detailed grain-size distribution. The control limit for precision for Atterberg Limits (10 RPD) was exceeded in three cases. A maximum of 17 RPD was reported. These control limit exceedances were minimal and did not indicate a significant problem with the precision of results for Atterberg Limits. For the detailed grain-size analyses, the RPD for particles smaller than 0.005 mm was above the control limit (35 RPD) for two samples, and the RPD for particles smaller than 0.001 mm was above the control limit for four samples.

Results for field duplicates are provided at the end of this appendix.

TCLP TOXICITY

A total of 19 discrete and 2 field duplicate lake bottom sediment samples were analyzed for toxicity using TCLP extraction procedures (Method 1311; USEPA, 1997). TCLP analyses include VOCs, SVOCs, pesticides, herbicides, and metals. O'Brien and Gere Laboratories completed the analyses, and the data were validated by Quality By Design. QA/QC results for laboratory and field procedures and implications for data usability are provided below.

Summary of Data Quality

The data for the TCLP analyses were generally of good quality. Of a total of 819 results, only 10 VOC results were of unacceptable quality and were rejected. A total of 70 results (8.5 percent of all results) were qualified as estimated because control limits were exceeded for one or more laboratory quality control samples or procedures. These qualified data may have a larger associated bias or may be less precise than unqualified data, but are of acceptable quality for use in the FS.

Data Quality Assessment

The laboratory data were evaluated in terms of completeness, holding times, instrument performance, bias, and precision. The results of the quality control procedures used during sample analyses are discussed below. Results of the quality assurance review are summarized in Tables B2-31 through B2-35.

Completeness

The results reported by the laboratory were 100 percent complete. An initial calibration response factor that was less than 0.050 caused 10 nondetect results for 2-butanone to be rejected. Completeness after validation was 98.7 percent for all TCLP analyses.

Samples with multiple results due to reanalysis or dilution were reviewed to determine the best result. Only the "best" result was included in the database. Samples excluded from the database were not used in the completeness calculation.

Holding Times and Sample Preservation

Analytical holding time constraints and sample preservation requirements were met for most samples. Holding times were exceeded for 11 samples that were analyzed for TCLP herbicides, and 22 nondetect results were qualified as estimated. These results are 2.7 percent of the total number of results, and 31.4 percent of all qualifier flags that were assigned.

Instrument Performance

The performance of the analytical instruments, as documented by the laboratory, was acceptable. No changes in instrument performance that would have resulted in the degradation of data quality were indicated during any analytical sequence.

However, when reviewing overall method performance, 22 results for SVOCs were qualified as estimated (*J*) because two sample extracts were allowed to go dry during sample processing and the sample was not

re-extracted. One result for 1,4-dichlorobenzene was qualified as a tentative identification (*N*) because the analyte's mass spectrum did not meet method requirements.

Initial and Continuing Calibration

Initial and continuing calibrations were completed for all target analytes and generally met the criteria for acceptable performance and frequency of analysis.

After review the calibration data, a total of 32 results (3.9 percent of all results, 45.4 percent of all flags assigned) were rejected or qualified as estimated during the quality assurance review because control limits for initial and continuing calibration were not met. Ten reporting limits for 2-butanone were rejected (*R*) because the initial calibration criteria response factor was less than 0.050. Six results for vinyl chloride and four results and one reporting limit for 2-butanone were qualified as estimated (*J*) because the initial calibration criteria (percent relative standard deviation less than 15) and/or the continuing calibration standard criteria (20-percent difference) were not met. An additional 11 results were qualified as estimated (*J*) because the continuing calibration standard criteria (20-percent difference) was not met for hexachlorobutadiene.

Initial and Continuing Calibration Blanks

The initial and continuing calibration blank analyses met the criteria for acceptable performance. No analyte was detected in any calibration blank at a concentration that was greater than 20 percent of the lowest sample concentration (10 percent for common laboratory contaminants).

Method Blank Analyses

Target analytes were not detected in the method blanks above the reporting limits.

Accuracy and Precision

The accuracy of the analytical results is evaluated in the following sections in terms of analytical bias (surrogate compound, MS, LCS, reference material, and internal standard recoveries) and precision (MSDs, duplicate LCSs, duplicate sample analyses, or triplicate sample analyses).

Surrogate Compound Recoveries

Surrogate compounds were added to all field and quality control samples prior to extraction, when required. The recoveries reported by the laboratory for surrogate compounds met the criteria for acceptable performance.

Matrix Spike Recoveries

The frequency of analysis and the recoveries reported by the laboratory for MS/MSD analyses typically met the criteria for acceptable performance. Two results were qualified as estimated (*J*) because the MS recovery criteria were not met for trichloroethene and carbon tetrachloride.

Laboratory Control Sample Recoveries

The frequency of analysis and the recoveries reported by the laboratory for all LCS and duplicate LCS analyses met the criteria for acceptable performance.

Internal Standard Performance

The criteria for retention time and area count were met for all of the internal standards that were added to all SVOC and VOC samples.

Precision

The frequency of analysis and the results reported by the laboratory for duplicate analyses met the criteria for acceptable performance.

Method Detection Limits and Method Reporting Limits

MDLs and MRLs met project DQOs.

Identification and Quantification of Target Compounds

The identification and quantitation of target compounds with positive results typically met the criteria for acceptable performance. A total of two positive results (less than 0.1 percent of all results and 2.8 percent of all flags assigned), one each for chlorobenzene and 1,4-dichlorobenzene, were restated as undetected (*U*) during the quality assurance review because the mass spectra did not meet the requirements of the referenced method for identification.

Tetrachloroethene in one sample and benzene in three samples were detected at concentrations below the MRL. These results were qualified as estimated (*J*) by the laboratory because concentrations in this range are less precise than results reported at concentrations above the MRL.

Field Duplicate Samples

Field duplicate samples were collected at Stations S309 (Samples VC0066 and VC0192) and S312 (Samples VC0091 and VC0193). Field duplicates were not used to qualify TCLP data. Only benzene, chlorobenzene, and 1,4-dichlorobenzene were detected in the field duplicate samples. These compounds were present in four of the samples. The relative difference for the field duplicate results was below 50 percent for five of the six pairs of results. Field duplicate results are provided at the end of this appendix.

Field Duplicates

Field duplicates were collected for this study to assess the precision of the sample collection procedures (sediment) or the homogeneity of the sampled media (benthic macroinvertebrates and lake water). Field duplicates for sediment and dredge material were prepared by homogenizing a field sample and dividing the homogenate into two sets of sample jars. An exception to this procedure was the collection of Samples SF0123 and SF0123_R at Station S340. These field duplicates are co-located samples rather than field splits, as described in the introduction to this appendix. For benthic macroinvertebrates, two separate composite samples were collected at the same station when species abundance permitted. Field duplicate samples for lake water were collected by pumping water from the lake bottom successively into two sets of sample jars. The laboratories were not aware of the identity of any field duplicates.

Field duplicate samples were generally collected at a frequency of at least 5 percent. Field duplicates were not applicable to several sample types. These included sediment collected for toxicity testing, because replicate toxicity tests are completed for each station and the cost of additional field duplicate tests is not justified by the minimal additional information provided by this procedure; fish tissue, which consisted of composite samples or individual fish; and porewater samples, which were collected in triplicate at each station. Field duplicates of sediment were collected at two stations for the porewater study. The number of samples and field duplicates collected for each analysis is provided in Table B2-1.

Results for field duplicates are provided in Tables B2-36 through B2-47. In each table, analytes are included only when the RPD could be calculated for at least one pair of samples. The RPD for field duplicate results was calculated when an analyte was either detected in both field duplicates or detected in only one field duplicate at a concentration greater than or equal to the reporting limit for the other field duplicate. Duplicate results are discussed for each analysis group in previous sections of this data quality report.

REFERENCES

American Society for Testing and Materials (ASTM). 1998. Standard test method for particle-size analysis of soils. D 422-63. American Society for Testing and Materials, West Conshohocken, PA.

Bloom, N.S. 1989. Determination of picogram levels of methylmercury by aqueous phase ethylation, followed by cryogenic gas chromatography with cold vapour atomic fluorescence detection. Can. J. Aquat. Sci. 46:1131-1140.

Bloom, N.S., and E.A. Crecelius. 1983. Determination of mercury in seawater at sub-nanogram per liter levels. Mar. Chem. 14:49-59.

Dean, W.E. 1974. Determination of carbonate and organic matter in calcareous sediments and sedimentary rocks by loss on ignition: Comparison with other methods. J. Sediment. Petrol. 44:242-248.

Exponent. 2000. Onondaga Lake RI/FS supplemental data Phase 2A work plan and dredged material disposal area addendum. Prepared for Honeywell, Inc., Syracuse, NY. Exponent, Bellevue, WA.

Franson, M.H. (ed.) 1992. Standard methods for the examination of water and wastewater. 18th Edition. American Public Health Association, American Water Works Association and Water Environmental Federation, Washington, DC.

Kahn, L. 1986. Method for determination of total organic carbon in sediment. USEPA.., Region 2.

Karras, G. 2000. Personal communication (e-mail to M. Tritt, Exponent, Bellevue, WA, dated November 13, 2000, regarding qualifying the analytes as estimate for soil samples containing more than 50 percent water). USEPA.

Liang, L., and N.S. Bloom. 1993. Determination of total mercury by single-stage gold amalgamation with cold vapor atomic spectrometric detection. J. Anal. Atom. Spectrom. 8:591.

Liang, L., M. Horvat, and N.S. Bloom. 1994. An improved speciation method for mercury by GC/CVAFS after aqueous phase ethylation and room temperature precollection. Talanta 41:371-379.

New York State Department of Environmental Conservation (NYSDEC). 1995. Analytical services protocol. 10/95 revisions..

US Environmental Protection Agency (USEPA). 1983. Methods for chemical analysis of water and wastes. USEPA/600/4-79/020. USEPA, Environmental Monitoring and Support Laboratory, Cincinnati, OH.

USEPA. 1989. J-qualified CLP data and recommendations for its use. Memorandum from H.M. Fribush, Technical Project Officer, Analytical Operations Branch, to S. Wells, Chief, NPL Criteria Section, Site Assessment Branch. USEPA, Office of Solid Waste and Emergency Response, Washington, DC.

USEPA. 1991. Draft analytical method for determination of acid volatile sulfide in sediment. USEPA, Office of Science and Technology, Washington, DC.

USEPA. 1992. Evaluation of metals data for the Contract Laboratory Program (CLP). SOP HW-2. USEPA, Region 2.

USEPA. 1993a. Method 300.0: Determination of inorganic anions by ion chromatography. USEPA, Environmental Monitoring Systems Laboratory, Office of Research and Development, Cincinnati, OH.

USEPA. 1993b. TCLP data validation. SOP HW-7. USEPA, Region 2.

USEPA. 1994a. USEPA contract laboratory program national functional guidelines for inorganic data review. USEPA 540/R-94/013. USEPA Office of Solid Waste and Emergency Response, Washington, DC.

USEPA. 1994b. Validating chlorinated herbicides by gas chromatography. SOP HW-17. USEPA, Region 2.

USEPA. 1994c. Data validation SOP for SW-846 Method 8290, polychlorinated dibenzodioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs) by high-resolution gas chromatography/high-resolution mass spectrometry (HRGC/HRMS). SOP HW-19. USEPA, Region 2.

USEPA. 1995a. Validating pesticide/PCB compounds by SW-846 Method 8080A. SOP HW-23. USEPA, Region 2.

USEPA. 1995c. Validating semivolatile organic compounds by SW-846 Method 8270B. SOP HW-22. USEPA, Region 2.

USEPA. 1997. Test methods for evaluating solid waste-physical/chemical methods, SW-846. Version 2.0 on CD-ROM. Integrated Manual/Update III. USEPA, Washington, DC.

USEPA. 1998. Method 1630: Methylmercury in water by distillation, aqueous ethylation, purge and trap, and cold vapor atomic fluorescence spectrometry. USEPA, Office of Water, Office of Science and Technology, Engineering and Analysis Division, Washington, DC.

USEPA. 1999a. Method 1631, Revision B: Mercury in water by oxidation, purge and trap, and cold vapor atomic fluorescence spectrometry. USEPA, Office of Water, Office of Science and Technology, Engineering and Analysis Division, Washington, DC.

USEPA. 1999b. Volatile organic compounds by gas chromatography/mass spectrometry (GC/MS): Capillary column technique. SOP HW-24. USEPA, Region 2.

Wagner, R.E. 2001. Personal communication (letter to M. Tritt, Exponent, Bellevue, WA, dated January 11, 2001, regarding overview of PCB and pesticide data generated for Exponent's Onondaga Lake RI/FS program). Northeast Analytical Environmental Lab Services, Schenectady, NY.

Table B2-1. Summary of Field Samples and Analyses for the Onondaga Lake Phase 2A Investigation

	Total Samples			Lake Sediment		Dredge Material		Wetland Sediment	
Chemical Analysis	Discrete Samples	Field Dups	Field Blanks	Discrete Samples	Field Dups	Discrete Samples	Field Dups	Discrete Samples	Field Dups
SEDIMENT SAMPLING									
Lake sediment, wetland sediment, and dredge materials									
TCL VOCs	352	20	32[a]	328[b]	18[c]	--	--	24[d]	2
TCL SVOCs	483	30	36	411	25	40	3	32	2
TCL pesticides	442	27	30	409	25	1	0	32	2
PCBs	517	32	36	445	27	40	3	32	2
PCDD/F	130	11	11	86	7	20	2	24	2
TAL Inorganics (except Hg)	484	30	36	411	25	41	3	32	2
Total mercury	518	32	36	445	27	41	3	32	2
Methylmercury	51	2	5	51	2	--	--	--	--
AVS/SEM	17	--	--	17	--	--	--	--	--
Ammonia	17	--	2	17	--	--	--	--	--
Total sulfides	17	--	--	17	--	--	--	--	--
Grain-size (sand, silt, clay)	396	24	--	323	19	41	3	32	2
Grain-size (detailed)	144	8	--	120	8	--	--	--	--
Atterberg limits	122	8	--	122	8	--	--	--	--
Carbonate	125	8	--	125	8	--	--	--	--
Specific gravity	145	8	--	121	8	--	--	--	--
Total organic carbon	518	32	5	445	27	41	3	32	2
Solids	518	32	3	445	27	41	3	32	2

Table B2-1. (cont.)

Chemical Analysis	Total Samples	Field Dups	Field Blanks
TCLP extracts			
TCLP Inorganic and Organometallics	19	2	--
TCLP herbicides	19	2	--
TCLP SVOCs	19	2	--
TCLP pesticides	19	2	--
TCLP VOCs	19	2	--
AQUATIC ECOLOGICAL INVESTIGATION			
Fish			
TCL pesticides	54	--	--
PCBs	54	--	--
TAL Inorganics	55	--	--
PCDD/F	55	--	--
Lipids	55	--	--
Solids	55	--	--
Benthic macroinvertebrates			
Total mercury	44	2	--
Methylmercury	44	2	--
PCBs	6	1	--
Lipids	6	1	--
Solids	11	2	--
PORE WATER SAMPLING			
Pore water [e]			
Total mercury	63	--	4[f]
Methylmercury	63	--	4[f]
Iron	63	1	4[f]
Manganese	63	1	4[f]
Sulfides	63	--	4[f]

Table B2-1. (cont.)

Chemical Analysis	Total Samples		
	Samples	Field Dups	Field Blanks
Lake water overlying the sediment			
Total mercury (whole and dissolved)	14	2	1[g]
Methylmercury (whole and dissolved)	14	2	1[g]
Iron (whole and dissolved)	14	2	1[g]
Manganese (whole and dissolved)	14	2	1[g]
Sulfides (whole and dissolved)	14	2	1[g]
Total suspended solids	7	1	
Sediment for pore water study [e]			
Methylmercury	63	2	--
Total mercury	63	2	--
Solids	63	2	--
Total organic carbon	63	2	--
pH	63	2	--

Notes: -- not applicable

AVS/SEM - acid volatile sulfide and simultaneously extracted metals
TCL - target compound list
PCB - polychlorinated biphenyl
PCDD/F - polychlorinated dibenzo-*p*-dioxin/polychlorinated dibenzofuran
SVOC - semivolatile organic compound
TAL - Target Analyte List
TCL - target compound list
TCLP - toxicity characteristic leaching procedure
VOC - volatile organic compound

[a] 30 trip blanks were collected for VOCs in addition to the 32 field blanks.

[b] *o*-xylene & *m,p*-xylene were reported for 199 samples; total xylene was reported for 147 samples.

[c] *o*-xylene & *m,p*-xylene were reported for 10 samples; total xylene was reported for 8 samples.

[d] Chlorobenzene was reported for 25 samples.

[e] Triplicate cores were collected at each station for pore water and sediment analyses.

[f] Homogenization blanks were collected for the fish samples.

[g] The field blank was analyzed for total and dissolved constituents.

Table B2-2. Analysis Methods, Laboratories, and Data Quality Reviewers

Analysis	Method Reference	Matrix	Laboratory	Data Quality Review
Organic Compounds				
TCL VOCs	SW-846 Method 8260B	Sediment	CAS/Rochester and OBG[a]	Exponent
TCL SVOCs	SW-846 Method 8270C	Sediment	CAS/Rochester	Quality By Design
TCL pesticides plus hexachlorobenzene	SW-846 Method 8081A (modified)[b]	Sediment Fish tissue	NEA CAS/Kelso	EcoChem
PCB Aroclors®	SW-846 Method 8082 (modified)[c]	Sediment Fish tissue Macroinvertebrates	NEA CAS/Kelso NEA	Exponent
PCDDs/PCDFs	SW-846 Method 8290	Sediment Fish tissue	Axys	Exponent
Inorganic and Organometallics				
TAL metals	SW-846 Method 6020	Sediment Fish tissue	OBG CAS/Kelso	Exponent
Total mercury	SW-846 Method 7471A	Sediment	OBG	Exponent
Low-level mercury	EPA Method 1631B	Lake water Pore water	FGS	Exponent
	Liang and Bloom (1993) and Bloom and Crecelius (1983)	Fish tissue Macroinvertebrates	FGS	
Methylmercury	EPA Method 1630 Bloom (1989) and Liang et al. (1994)	Pore water Sediment Macroinvertebrates	FGS FGS	Exponent
SEM (cadmium, copper, mercury, nickel, and zinc)	EPA Draft 12/91and EPA Methods 6010B and 7470A	Sediment	CAS/Kelso	Exponent
Iron, manganese	SW-846 Method 6020	Lake water Pore water	FGS	Exponent
Conventional Analytes				
Chloride	EPA Method 300.0	Pore water	FGS	Exponent
Sulfide	SW-846 Method 9030B Standard Method 4500-S^{2-} D [e]	Sediment Pore water	CAS/Rochester FGS	Exponent
Acid-volatile sulfides	EPA Draft 12/91	Sediment	CAS/Kelso	Exponent
Ammonia	EPA Method 350.1	Sediment	CAS/Rochester	Exponent
Total organic carbon	Kahn (1986) as modified for EPA Region II	Sediment	CAS/Kelso	Exponent
Total solids	EPA Method 160.3 (modified) [d]	Sediment Fish tissue Macroinvertebrates	Various laboratories	Exponent

Table B2-2. (cont.)

Analysis	Method Reference	Matrix	Laboratory	Data Quality Review
Calcium carbonate	Dean (1974)	Sediment	CAS/Kelso	Exponent
Lipids	SW-846 Method 8290	Fish tissue	Axys	Exponent
		Macroinvertebrates	NEA	
Physical Properties				
Atterberg limits	ASTM Method D4318	Sediment	CAS/Redding	Exponent
Consolidation	ASTM Method D2435	Sediment	CAS/Redding	Exponent
Specific gravity	ASTM Method D854	Sediment	CAS/Redding	Exponent
Grain size (detailed)	ASTM Method D422-63	Sediment	CAS/Kelso	Exponent
Grain size (sand, silt, clay)	ASTM Method D422-63 (modified)	Sediment	CAS/Redding	Exponent
TCLP Testing				
TCLP VOCs	SW-846 Method 8260B	TCLP extract	OBG	Quality By Design
TCLP SVOCs	SW-846 Method 8270C	TCLP extract	OBG	Quality By Design
TCLP pesticides	SW-846 Method 8081A	TCLP extract	OBG	Quality By Design
TCLP chlorinated herbicides	SW-846 Method 8151A	TCLP extract	OBG	Quality By Design
TCLP metals	SW-846 Method 6020	TCLP extract	OBG	Quality By Design

Notes:
-- - not applicable
ASTM - American Society for Testing and Materials
CLP - Contract Laboratory Program
EPA - U.S. Environmental Protection Agency
PCB - polychlorinated biphenyl
PCDD - polychlorinated dibenzo-*p*-dioxin
PCDF - polychlorinated dibenzofuran
SEM - simultaneously extracted metals
SOW - statement of work
SVOC - semivolatile organic compound
TAL - target analyte list
TCL - target compound list
TCLP - toxicity characteristic leaching procedure
VOC - volatile organic compound
ZHE - zero headspace extraction

[a] Samples from the 2-m cores were analyzed for VOCs by OBG. All other samples were analyzed for VOCs by CAS/Rochester.

[b] Method 8081A for pesticides in fish tissue was modified to include quantitative analysis of hexachlorobenzene.

[c] Method 8082 was modified to include analysis of Aroclor® 1268.

[d] Method 160.3 for total solids was modified to accommodate solid matrices (sediment, fish tissue, benthic macroinvertebrates).

[e] Analysis of pore water samples for sulfide is discussed in section 2.8 of the remedial investigation report.

Table B2-3. Summary of Quality Control Checks—Volatile Organic Compounds in Lake and Wetland Sediment Samples

Quality Control Check	Status	Comment
Completeness	98-percent	12,873 results were reported; 197 results were rejected (*R*)
Holding times	Acceptable	42 results were qualified as estimated (*J*) because of holding time exceedances
Analytical methods	Acceptable	Analyses were conducted using EPA SW-846 Method 8260B (GC/MS)
Instrument performance	Acceptable	Requirements were met
Calibration	Acceptable	416 results were qualified as estimated (*J*) because criteria were not met for initial and/or continuing calibration
		154 results were rejected (*R*) because the control limit for RRF was not met
Method, trip, and field blanks	Acceptable	187 results restated as undetected (*U*) because analytes were detected in laboratory and field blanks
Accuracy (bias or recovery)		
Surrogate compounds	Acceptable	3,803 results were qualified as estimated (*J*) because surrogate recoveries were outside control limits
Matrix spike samples	Acceptable	84 results were qualified as estimated (*J*) because matrix spike recoveries were outside control limits
Laboratory control samples	Acceptable	38 results were qualified as estimated (*J*) because laboratory control sample recoveries were outside control limits
		44 results were rejected (*R*) because laboratory control sample recoveries were outside control limits
Internal standards	Acceptable	363 results were qualified as estimated (*J*) because the control limit for internal standard counts was not met
Accuracy (precision)	Acceptable	No data were qualified
Method reporting limits	Acceptable	101 results, laboratory-flagged to indicate results estimated between the MDL and MRL, were assigned a *J* qualifier in the reported results
Field quality control samples	Acceptable	144 results qualified as estimated (*J*) because field quality control sample criteria was not met
Overall Assessment	**Acceptable**	**4,459 results were qualified; 197 results were rejected**

Notes: EPA - U.S. Environmental Protection Agency
GC/MS - gas chromatography/mass spectrometry
MDL - method detection limit
MRL - method reporting limit
RRF - relative response factor

Table B2-4. Summary of Data Qualification—Volatile Organic Compounds in Lake Bottom and Wetlands Sediment

	Number of Results					
Analyte	Total	Detected	Undetected	Restated as Undetected	Total Qualified as Estimated	Total Rejected
Acetone	372	162	210	52	121	82
Benzene	372	268	104	--	136	--
Bromodichloromethane	372	--	372	--	121	--
Bromoform	372	--	372	--	131	--
Bromomethane	372	--	372	--	210	--
2-Butanone	372	194	178	--	116	70
Carbon disulfide	372	175	197	10	162	--
Carbon tetrachloride	372	--	372	--	128	8
Chlorobenzene	372	230	142	7	126	--
Chloroethane	372	--	372	--	138	--
Chloroform	372	--	372	--	120	--
Chloromethane	372	--	372	--	142	--
Dibromochloromethane	372	1	371	--	128	10
1,1-Dichloroethane	372	17	355	--	117	--
1,2-Dichloroethane	372	1	371	--	120	--
1,1-Dichloroethene	372	--	372	--	120	--
cis-1,2-Dichloroethene	372	18	354	--	122	--
trans-1,2-Dichloroethene	372	2	370	--	119	--
1,2-Dichloropropane	372	3	369	--	120	--
cis-1,3-Dichloropropene	372	--	372	--	119	--
trans-1,3-Dichloropropene	372	--	372	--	116	26
Ethylbenzene	372	219	153	--	147	--
2-Hexanone	372	11	361	--	144	--
Methylene chloride	372	23	349	32	121	--
4-Methyl-2-pentanone	372	14	358	--	125	--
Styrene	372	79	293	--	134	2
1,1,2,2-Tetrachloroethane	372	--	372	--	134	--
Tetrachloroethene	372	6	366	10	126	--
Toluene	372	189	183	47	131	--
1,1,1-Trichloroethane	372	2	370	--	120	--
1,1,2-Trichloroethane	372	1	371	--	119	--
Trichloroethene	372	13	359	2	119	--
Vinyl chloride	372	3	369	--	119	--
ortho-Xylene	225	113	112	5	63	--
meta- & *para*- Xylenes	225	116	109	22	61	--
Xylene isomers (total)	147	119	28	--	64	--
Total	12,873	1,979	10,894	187	4,459	198

Table B2-4. (cont.)

Analyte	Number of Results Rejected for Control Limit Exceedance		Number of Results Qualified for Control Limit Exceedance: Detected Analytes						
	Instrument Calibration (Initial or Continuing)	LCS Results	Total Qualified	Surrogate Recovery	Instrument Calibration (Initial or Continuing)	Holding Time	LCS Results	Matrix Spike Recovery	Internal Standard
Acetone	82	--	93	40	65	1	--	--	4
Benzene	--	--	109	88	--	3	15	5	4
Bromodichloromethane	--	--	--	--	--	--	--	--	--
Bromoform	--	--	--	--	--	--	--	--	--
Bromomethane	--	--	--	--	--	--	--	--	--
2-Butanone	70	--	80	55	15	1	--	--	4
Carbon disulfide	--	--	78	49	16	1	--	--	6
Carbon tetrachloride	2	6	--	--	--	--	--	--	--
Chlorobenzene	--	--	80	64	1	1	--	4	9
Chloroethane	--	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--	--
Chloromethane	--	--	--	--	--	--	--	--	--
Dibromochloromethane	--	10	1	1	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	1	1	--	--	--	1	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	--	--	8	7	--	--	--	--	2
trans-1,2-Dichloroethene	--	--	1	1	--	--	--	--	1
1,2-Dichloropropane	--	--	1	1	--	--	--	--	--
cis-1,3-Dichloropropene	--	--	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	--	26	--	--	--	--	--	--	--
Ethylbenzene	--	--	103	70	--	2	20	1	15
2-Hexanone	--	--	9	9	--	--	--	--	1
Methylene chloride	--	--	19	14	--	1	--	1	1
4-Methyl-2-pentanone	--	--	11	11	--	--	--	--	--
Styrene	--	2	59	48	24	1	--	1	2
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	4	2	2	--	--	--	1
Toluene	--	--	86	68	--	3	3	2	1
1,1,1-Trichloroethane	--	--	1	1	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	6	6	--	--	--	--	--
Vinyl chloride	--	--	2	2	--	--	--	--	2
ortho-Xylene	--	--	30	25	--	--	--	--	11
meta- & *para*- Xylenes	--	--	30	26	--	--	--	--	10
Xylene isomers (total)	--	--	59	51	--	2	--	2	3
Total	154	44	871	640	123	16	38	17	77

Table B2-4. (cont.)

	Number of Results Qualified for Control Unit Exceedance: Non-Detects					
Analyte	Total Qualified	Surrogate Recovery	Instrument Calibration (Initial or Continuing)	Holding Time	Matrix Spike Recovery	Internal Standard
Acetone	28	15	12	1	--	2
Benzene	27	27	--	--	--	--
Bromodichloromethane	121	113	--	1	4	6
Bromoform	131	113	5	1	6	23
Bromomethane	210	112	130	1	4	7
2-Butanone	36	23	13	--	--	3
Carbon disulfide	84	67	15	--	4	1
Carbon tetrachloride	128	113	5	2	7	6
Chlorobenzene	46	44	--	--	--	7
Chloroethane	138	113	23	1	2	7
Chloroform	120	113	--	1	4	7
Chloromethane	142	113	36	1	2	7
Dibromochloromethane	127	112	2	1	5	22
1,1-Dichloroethane	119	113	--	1	--	7
1,2-Dichloroethane	119	113	--	1	4	6
1,1-Dichloroethene	120	113	--	1	4	7
cis-1,2-Dichloroethene	114	108	--	1	--	5
trans-1,2-Dichloroethene	118	112	--	1	--	6
1,2-Dichloropropane	119	112	--	1	4	6
cis-1,3-Dichloropropene	119	113	--	1	1	6
trans-1,3-Dichloropropene	116	110	--	1	3	5
Ethylbenzene	44	43	--	--	1	7
2-Hexanone	135	104	28	1	--	20
Methylene chloride	102	99	2	--	1	6
4-Methyl-2-pentanone	114	102	9	1	--	6
Styrene	76	66	--	--	--	22
1,1,2,2-Tetrachloroethane	134	113	12	1	1	20
Tetrachloroethene	122	111	--	1	--	22
Toluene	45	42	--	--	1	3
1,1,1-Trichloroethane	119	112	--	1	4	7
1,1,2-Trichloroethane	119	113	--	1	3	6
Trichloroethene	113	107	--	1	1	6
Vinyl chloride	117	111	1	1	1	5
ortho-Xylene	33	33	--	--	--	4
meta- & *para*- Xylenes	31	31	--	--	--	5
Xylene isomers (total)	5	4	--	--	--	1
Total	3536	3121	281	25	67	284

Notes: -- none qualified
LCS - laboratory control sample
QC - quality control

Table B2-5. Summary of Quality Control Checks—Semivolatile Organic Compounds in Lake Sediment Samples

Quality Control Check	Status	Comment
Completeness	99.7-percent	34,369 results were reported: 96 results were rejected
Holding times	Acceptable	1,581 results (24 samples) were qualified as estimated for exceeded holding times
Analytical methods	Acceptable	Analyses were conducted by SW-846 Method 8270C (GC/MS)
Instrument performance	Acceptable	19 results were restated as undetected (*U*) and 18 results were qualified as tentative identifications (*N*) because mass spectra or retention times did not meet method requirements
Calibration	Acceptable	514 results were qualified as estimated (*J*) because the initial calibration criteria and/or the continuing calibration standard criteria were not met
Method blank	Acceptable	107 results were restated as undetected (*U*) because analytes were detected in the method blanks
Accuracy (bias or recovery)		
Surrogate compounds	Acceptable	6,981 results were qualified as estimated (*J*) because the surrogate recovery criteria were not met
Matrix spike samples	Acceptable	1,279 results were qualified as estimated (*J*) because the matrix spike recovery criteria (percent recovery of 100 ±50) were not met
Laboratory control samples	Acceptable	1,271 results were qualified as estimated (*J*) because the LCS recovery criteria were not met
Internal standards	Acceptable	8 results were qualified as estimated (*J*) because the criteria for internal standards were not met
Precision	Acceptable	16 results were qualified as estimated (*J*) because the RPD for the matrix spike/matrix spike duplicate did not meet criteria
Method reporting limits	Acceptable	Data quality objectives were met; 447 results were qualified as estimated (*J*) because the reported concentration was greater than the method detection limit, but below the method reporting limit
Overall Assessment	**Acceptable**	**Qualifiers were added to selected results; see sections noted above**

Notes: GC/MS - gas chromatography/mass spectrometry
LCS - laboratory control sample
RPD - relative percent difference

Table B2-6. Summary of Data Qualification—Semivolatile Organic Compounds in Lake Bottom Sediment, Wetland Sediment, and Dredge Material

	Number of Results						
Analyte	Total	Detected	Undetected	Restated as Undetected	Qualified as Estimated (*J*)	Qualified as Tentative ID (*N*)	Rejected (*R*)
Acenaphthene	513	145	368	--	158	--	--
Acenaphthylene	513	178	335	--	146	--	--
Anthracene	513	220	293	1	144	--	--
Benz[a]anthracene	513	278	235	--	146	--	--
Benzo[a]pyrene	513	255	258	--	144	--	--
Benzo[b]fluoranthene	513	257	256	--	151	--	--
Benzo[ghi]perylene	513	211	302	--	156	1	--
Benzo[k]fluoranthene	513	257	256	--	148	--	--
Benzyl alcohol	513	--	513	--	170	--	--
bis[2-chloroethoxy]methane	513	--	513	--	137	--	--
bis[2-chloroethyl]ether	513	--	513	--	137	--	--
bis[2-Ethylhexyl]phthalate	513	186	327	48	200	--	--
4-Bromophenyl-phenyl ether	513	--	513	--	138	--	--
Butylbenzyl phthalate	513	2	511	--	183	--	--
Carbazole	513	87	426	--	149	5	--
4-Chloro-3-methylphenol	513	--	513	--	176	--	--
4-Chloroaniline	513	11	502	--	210	--	19
2-Chloronaphthalene	513	--	513	--	137	--	--
2-Chlorophenol	513	1	512	--	175	--	--
4-Chlorophenyl-phenyl ether	513	--	513	--	138	1	--
Chrysene	513	299	214	--	148	5	--
Dibenz[a,h]anthracene	513	125	388	4	152	4	--
Dibenzofuran	513	136	377	2	147	--	--
1,2-Dichlorobenzene	513	124	389	--	148	--	--
1,3-Dichlorobenzene	513	70	443	1	151	--	--
1,4-Dichlorobenzene	513	170	343	3	175	--	--
3,3'-Dichlorobenzidine	513	1	512	--	199	--	--
2,4-Dichlorophenol	513	--	513	--	177	--	--
Diethyl phthalate	513	1	512	--	138	--	--
2,4-Dimethylphenol	513	2	511	--	165	1	--
Dimethyl phthalate	513	--	513	--	172	--	--
Di-*n*-butyl phthalate	513	37	476	41	145	--	--
2,4-Dinitrophenol	513	1	512	--	285	--	--
2,4-Dinitrotoluene	513	--	513	--	140	--	--

Table B2-6. (cont.)

Analyte	Number of Results						
	Total	Detected	Undetected	Restated as Undetected	Qualified as Estimated (*J*)	Qualified as Tentative ID (*N*)	Rejected (*R*)
2,6-Dinitrotoluene	513	--	513	--	138	--	--
Di-*n*-octyl phthalate	513	--	513	--	147	--	--
Fluoranthene	513	348	165	--	147	--	--
Fluorene	513	186	327	2	150	--	--
Hexachlorobenzene	513	24	489	--	144	--	--
Hexachlorobenzene (GC/ECD)	511	312	201	--	256	22	57
Hexachlorobutadiene	513	1	512	--	139	--	--
Hexachlorocyclopentadiene	513	--	513	--	262	--	13
Hexachloroethane	513	--	513	--	146	--	--
Indeno[1,2,3-cd]pyrene	513	213	300	--	147	--	--
Isophorone	513	1	512	--	155	--	--
2-Methyl-4,6-dinitrophenol	513	--	513	--	177	--	--
2-Methylnaphthalene	513	211	302	--	150	--	--
2-Methylphenol	513	13	500	2	178	--	--
4-Methylphenol	513	60	453	--	177	--	--
Naphthalene	513	250	263	3	148	--	--
2-Nitroaniline	513	--	513	--	166	--	--
3-Nitroaniline	513	--	513	--	185	--	6
4-Nitroaniline	513	--	513	--	167	--	--
Nitrobenzene	513	1	512	--	138	--	--
2-Nitrophenol	513	--	513	--	175	--	--
4-Nitrophenol	513	--	513	--	179	--	--
N-nitroso dimethylamine	513	--	513	--	143	--	--
N-nitroso diphenylamine	513	--	513	--	140	--	--
N-nitroso-di-*n*-propylamine	513	2	511	--	139	--	--
2,2'-Oxybis-(1-chloropropane)	513	--	513	--	167	2	--
Pentachlorophenol	513	--	513	--	188	--	1
Phenanthrene	513	332	181	--	146	--	--
Phenol	513	100	413	--	176	--	--
Pyrene	513	332	181	--	153	--	--
1,2,4-Trichlorobenzene	513	49	464	--	147	--	--
2,4,5-Trichlorophenol	513	--	513	--	176	--	--
2,4,6-Trichlorophenol	513	--	513	--	176	--	--

Table B2-6. (cont.)

Analyte	Number of Results Qualified for Control Limit Exceedance: Detected Analytes										
	Total Qualified as Estimated (*J*)	Surrogate Recovery	Laboratory Blank Results	Instrument Calibration (Initial or Continuing)	Laboratory Duplicates	Holding Time	Laboratory Control Sample	System Performance Indicators	Other Quality Control Violations	Matrix Spike Recovery	Internal Standards Area or Retention Time
Acenaphthene	31	11	--	--	--	3	6	--	14	10	--
Acenaphthylene	35	14	--	--	--	7	--	--	15	4	--
Anthracene	43	23	--	--	--	8	1	--	16	4	--
Benz[a]anthracene	67	39	--	--	1	12	3	--	22	6	1
Benzo[a]pyrene	59	36	--	--	--	11	2	--	21	5	1
Benzo[b]fluoranthene	70	37	--	--	1	12	3	--	30	6	1
Benzo[ghi]perylene	53	28	--	--	--	11	3	--	21	6	1
Benzo[k]fluoranthene	68	36	--	--	1	12	3	--	27	7	1
Benzyl alcohol	--	--	--	--	--	--	--	--	--	--	--
bis[2-chloroethoxy]methane	--	--	--	--	--	--	--	--	--	--	--
bis[2-chloroethyl]ether	--	--	--	--	--	--	--	--	--	--	--
bis[2-Ethylhexyl]phthalate	115	43	6	39	2	12	5	7	34	6	--
4-Bromophenyl-phenyl ether	--	--	--	--	--	--	--	--	--	--	--
Butylbenzyl phthalate	1	--	--	--	--	--	--	--	1	--	--
Carbazole	23	6	--	--	--	2	--	--	17	3	--
4-Chloro-3-methylphenol	--	--	--	--	--	--	--	--	--	--	--
4-Chloroaniline	2	1	--	--	--	1	1	--	--	1	--
2-Chloronaphthalene	--	--	--	--	--	--	--	--	--	--	--
2-Chlorophenol	--	--	--	--	--	--	--	--	--	--	--
4-Chlorophenyl-phenyl ether	--	--	--	--	--	--	--	--	--	--	--
Chrysene	78	46	--	--	1	13	4	--	24	9	1
Dibenz[a,h]anthracene	30	12	--	3	--	3	--	--	15	3	--
Dibenzofuran	27	11	--	--	--	5	--	--	12	4	--
1,2-Dichlorobenzene	24	13	--	1	--	3	1	--	8	4	--
1,3-Dichlorobenzene	26	7	--	--	1	7	5	--	12	4	--
1,4-Dichlorobenzene	48	19	--	1	--	6	5	--	15	19	--
3,3'-Dichlorobenzidine	--	--	--	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	--	--	--	--	--	--	--	--	--	--	--
Diethyl phthalate	--	--	--	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	--	--	--	--	--	--	--	--	--	--	--
Dimethyl phthalate	--	--	--	--	--	--	--	--	--	--	--
Di-*n*-butyl phthalate	25	9	--	6	--	6	1	--	12	4	--
2,4-Dinitrophenol	1	--	--	--	--	--	--	--	1	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--	--	--	--	--	--

Table B2-6. (cont.)

Analyte	Number of results qualified for control limit exceedance: Detected analytes										
	Total Qualified as Estimated (*J*)	Surrogate Recovery	Laborator Blank Results	Instrument Calibration (Initial or Continuing)	Laboratory Duplicates	Holding Time	Laboratory Control Sample	System Performance Indicators	Other Quality Control Violations	Matrix Spike Recovery	Internal Standards Area or Retention Time
2,6-Dinitrotoluene	--	--	--	--	--	--	--	--	--	--	--
Di-*n*-octyl phthalate	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene	87	56	--	--	2	14	4	--	26	11	--
Fluorene	35	14	--	--	--	5	--	--	21	4	--
Hexachlorobenzene	12	4	--	3	2	1	1	--	3	2	--
Hexachlorobenzene (GC/ECD)	175	32	--	52	17	86	6	--	11	4	--
Hexachlorobutadiene	--	--	--	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	--	--	--	--	--	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--	--	--	--	--	--
Indeno[1,2,3-cd]pyrene	54	30	--	--	--	10	2	--	22	6	1
Isophorone	--	--	--	--	--	--	--	--	--	--	--
2-Methyl-4,6-dinitrophenol	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene	35	16	--	1	--	5	--	--	14	4	--
2-Methylphenol	6	4	--	--	--	--	--	--	2	--	--
4-Methylphenol	17	12	--	--	1	1	--	--	5	2	--
Naphthalene	44	25	--	1	--	6	--	--	16	5	--
2-Nitroaniline	--	--	--	--	--	--	--	--	--	--	--
3-Nitroaniline	--	--	--	--	--	--	--	--	--	--	--
4-Nitroaniline	--	--	--	--	--	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--	--	--	--	--	--
2-Nitrophenol	--	--	--	--	--	--	--	--	--	--	--
4-Nitrophenol	--	--	--	--	--	--	--	--	--	--	--
N-nitroso dimethylamine	--	--	--	--	--	--	--	--	--	--	--
N-nitrosodiphenylamine	1	--	--	--	--	--	--	--	1	--	--
N-nitroso-di-*n*-propylamine	1	--	--	--	--	--	--	--	--	--	--
Bis[2-chloroisopropyl]ether	--	--	--	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene	73	47	--	--	1	13	2	--	22	7	--
Phenol	29	26	--	--	--	--	--	--	--	5	--
Pyrene	90	56	--	1	2	13	4	--	27	12	1
1,2,4-Trichlorobenzene	11	6	--	1	--	2	--	--	1	6	--
2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--	--	--	--

Table B2-6. (cont.)

	Number of Results Qualified for Control Limit Exceedance: Non-Detects										
Analyte	Total Qualified as Estimated (*J*)	Surrogate Recovery	Laboratory Blank Results	Instrument Calibration (Initial or Continuing)	Laboratory Duplicates	Holding Time	Laboratory Control Sample	System Performance Indicators	Other Quality Control Violations	Matrix Spike Recovery	Internal Standards Area or Retention Time
Acenaphthene	127	84	--	--	4	21	16	--	35	16	--
Acenaphthylene	111	82	--	--	4	17	9	--	33	8	--
Anthracene	101	73	--	--	4	16	8	--	31	7	--
Benz[a]anthracene	79	57	--	--	3	12	6	--	24	6	--
Benzo[a]pyrene	85	60	--	--	4	13	7	--	24	8	--
Benzo[b]fluoranthene	81	59	--	--	3	12	6	--	24	6	--
Benzo[ghi]perylene	103	68	--	11	4	13	6	--	27	20	--
Benzo[k]fluoranthene	80	59	--	--	3	12	6	--	23	6	--
Benzyl alcohol	170	124	--	2	4	24	15	--	39	16	--
bis[2-chloroethoxy]methane	137	96	--	--	4	24	9	--	39	13	--
bis[2-chloroethyl]ether	137	96	--	--	4	24	20	--	39	14	--
bis[2-Ethylhexyl]phthalate	85	53	13	3	2	12	5	6	18	8	--
4-Bromophenyl-phenyl ether	138	97	--	--	4	24	9	--	39	12	--
Butylbenzyl phthalate	182	96	--	34	4	24	9	15	39	12	--
Carbazole	126	90	--	--	4	22	9	--	35	9	--
4-Chloro-3-methylphenol	177	139	--	--	4	24	9	--	39	23	--
4-Chloroaniline	208	86	--	4	4	23	101	--	39	42	--
2-Chloronaphthalene	137	96	--	--	4	24	9	--	39	13	--
2-Chlorophenol	176	139	--	--	4	24	9	--	39	23	--
4-Chlorophenyl-phenyl ether	138	97	--	--	4	24	9	--	39	12	--
Chrysene	70	50	--	--	3	11	5	--	23	5	--
Dibenz[a,h]anthracene	122	84	1	--	4	21	9	--	35	10	--
Dibenzofuran	120	84	1	--	4	19	9	--	35	8	--
1,2-Dichlorobenzene	124	84	--	--	4	21	25	--	36	12	--
1,3-Dichlorobenzene	125	89	--	--	3	17	21	--	37	14	--
1,4-Dichlorobenzene	128	77	--	--	4	18	41	--	34	25	--
3,3'-Dichlorobenzidine	199	97	--	--	4	24	65	8	39	39	--
2,4-Dichlorophenol	178	139	--	--	4	24	11	--	39	23	--
Diethyl phthalate	138	97	--	--	4	24	9	--	39	12	--
2,4-Dimethylphenol	198	139	--	4	4	24	47	--	39	40	--
Dimethyl phthalate	140	97	--	--	4	24	11	--	39	12	--
Di-*n*-butyl phthalate	120	84	7	1	4	17	8	--	36	9	--
2,4-Dinitrophenol	285	138	--	151	4	24	91	2	39	60	--
2,4-Dinitrotoluene	140	98	--	--	4	24	9	1	39	12	--

Table B2-6. (cont.)

Analyte	Total Qualified as Estimated (*J*)	Surrogate Recovery	Laboratory Blank Results	Instrument Calibration (Initial or Continuing)	Laboratory Duplicates	Holding Time	Laboratory Control Sample	System Performance Indicators	Other Quality Control Violations	Matrix Spike Recovery	Internal Standards Area or Retention Time
	Number of results qualified for control limit exceedance: Non-detects										
2,6-Dinitrotoluene	138	96	--	--	4	24	9	--	39	12	--
Di-*n*-octyl phthalate	147	97	--	1	4	24	9	8	39	12	--
Fluoranthene	60	42	--	--	2	10	5	--	18	5	--
Fluorene	115	83	--	--	4	19	9	--	32	8	--
Hexachlorobenzene	132	93	--	--	2	23	8	--	38	11	--
Hexachlorobenzene (GC/ECD)	81	8	--	2	1	66	8	--	--	2	--
Hexachlorobutadiene	139	97	--	2	4	24	21	--	39	14	--
Hexachlorocyclopentadiene	262	93	--	134	4	23	83	--	39	60	--
Hexachloroethane	146	97	--	1	4	24	30	--	39	19	--
Indeno[1,2,3-cd]pyrene	93	66	--	--	4	14	7	--	27	7	--
Isophorone	155	97	--	20	4	24	9	--	39	12	--
2-Methyl-4,6-dinitrophenol	178	140	--	--	4	24	9	1	39	23	--
2-Methylnaphthalene	115	82	--	--	4	19	9	--	34	8	--
2-Methylphenol	173	136	--	--	4	24	9	--	39	22	--
4-Methylphenol	161	128	--	--	3	23	9	--	35	21	--
Naphthalene	104	73	--	--	4	18	20	--	32	9	--
2-Nitroaniline	166	97	--	41	4	24	9	1	39	13	--
3-Nitroaniline	186	95	--	--	4	24	86	--	39	31	--
4-Nitroaniline	167	97	--	--	4	24	58	--	39	31	--
Nitrobenzene	138	97	--	--	4	24	20	--	39	13	--
2-Nitrophenol	176	139	--	--	4	24	9	--	39	23	--
4-Nitrophenol	180	138	--	5	4	23	9	--	39	23	--
N-nitroso dimethylamine	143	97	--	1	4	24	25	--	39	13	--
N-nitrosodiphenylamine	138	96	--	--	4	24	10	--	39	12	--
N-nitroso-di-*n*-propylamine	139	97	--	3	4	24	9	--	38	13	--
Bis[2-chloroisopropyl]ether	167	96	--	32	4	24	9	--	39	14	--
Pentachlorophenol	189	138	--	7	4	24	22	--	39	35	--
Phenanthrene	73	51	--	--	3	11	7	--	22	7	--
Phenol	148	114	--	--	4	24	9	--	39	17	--
Pyrene	63	42	--	--	2	11	5	--	21	5	--
1,2,4-Trichlorobenzene	136	92	--	--	4	22	26	--	38	16	--
2,4,5-Trichlorophenol	177	140	--	--	4	24	9	--	39	23	--
2,4,6-Trichlorophenol	177	140	--	--	4	24	9	--	39	23	--

Note: -- none qualified

[a] Reporting limits are qualified when analytes are not detected.

Table B2-7. Summary of Quality Control Checks—Pesticides in Sediment Samples

Quality Control Check	Status	Comment
Completeness	71-percent	9,849 results reported; 2,878 results were rejected
Holding times/sample preservation	Acceptable, with exceptions	Several holding time constraints were not met: 2,441 results were qualified as estimated; 998 results were rejected
Analytical methods	Acceptable	Analyses were conducted by SW-846 Method 8081A (GC/ECD)
Instrument performance	Acceptable for Endrin; not acceptable for 4,4'-DDT	Breakdown control limits for 4,4'-DDT were not met: 329 results were qualified as estimated; 41 results were rejected
Calibration	Acceptable for initial calibration; exceedances for continuing calibration	Continuing calibration control limits were not met: 4,353 results were qualified as estimated; 576 results were rejected
Method blank	Acceptable	Five results were restated as undetected
Accuracy (bias or recovery)		
Matrix spike samples	Acceptable, with exceptions	Several control limits were not met: 190 results were qualified as estimated; 89 results were rejected
Laboratory control samples	Acceptable, with exceptions	Several control limits were not met: 2,630 results were qualified as estimated; 524 results were rejected
Surrogates	Acceptable, with exceptions	Several control limits were not met: 648 results were qualified as estimated; 613 results were rejected
Accuracy (precision)	Acceptable, with exceptions	Several control limits were not met: 150 results were qualified as estimated; 12 results were rejected
Method reporting limits	Acceptable	Data quality objectives were met
Overall Assessment	**Acceptable, with exceptions**	**5,623 results were qualified as estimated; 2,878 results were rejected**

Note: GC/ECD - gas chromatography/electron capture detection

Table B2-8. Summary of Quality Control Checks—Pesticides in Fish Tissue Samples

Quality Control Check	Status	Comment
Completeness	100-percent complete	1,134 results reported; no results were rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses were conducted by SW-846 Method 8081A (GC/ECD)
Instrument performance	Acceptable	Control limits were met
Calibration	Acceptable	8 results were qualified as estimated
Method blank	Acceptable	3 results were restated as undetected
Accuracy (bias or recovery)		
Matrix spike samples	Acceptable	Control limits were generally met: 4 results were qualified as estimated
Laboratory control samples	Acceptable	Control limits were generally met: 4 results were qualified as estimated
Surrogates	Acceptable	
Accuracy (precision)	Acceptable	Control limits were generally met: 5 results were qualified as estimated
Method reporting limits	Acceptable	Data quality objectives were met
Overall Assessment	Acceptable	No results were rejected

Note: GC/ECD - gas chromatography/electron capture detection

Table B2-9. Summary of Data Qualification—Pesticides in Lake Bottom Sediment, Wetland Sediment, and Dredge Material

	Number of Results						
Analyte	Total	Detected	Undetected	Restated as Undetected	Total Qualified as Estimated (*J*)	Total Qualified as Tentative Identification (*N*)	Total Rejected (*R*)
Aldrin	469	72	397	9	235	9	136
alpha-BHC	469	73	396	--	341	24	122
beta-BHC	469	104	365	4	310	19	124
delta-BHC	469	76	393	--	143	16	321
gamma-BHC (Lindane)	469	15	454	--	328	3	135
alpha-Chlordane	469	78	391	--	311	62	92
gamma-Chlordane	469	139	330	5	240	27	108
4,4'-DDD	469	60	409	--	307	29	156
4,4'-DDE	469	178	291	--	287	109	130
4,4'-DDT	469	236	233	1	322	39	144
Dieldrin	469	179	290	--	267	28	73
Endosulfan I	469	35	434	--	279	26	108
Endosulfan II	469	13	456	--	282	3	174
Endosulfan sulfate	469	134	335	--	177	26	289
Endrin	469	72	397	--	201	6	125
Endrin aldehyde	469	41	428	--	293	8	118
Endrin ketone	469	34	435	--	332	6	111
Heptachlor	469	17	452	--	165	5	90
Heptachlor epoxide	469	145	324	--	227	36	106
Methoxychlor	469	48	421	2	304	10	121
Toxaphene	469	4	465	--	272	--	95
Total	9,849	1,753	8,096	21	5,623	491	2,878

Table B2-9. (cont.)

	Number of Results Qualified for Control Limit Exceedance: Detected Analytes									
Analyte	Total Qualified as Estimated (*J*)	Surrogate Recovery	Continuing Calibration	Duplicate Spikes	Holding Time	Results on Dissimilar Columns	Labor-atory Control Sample	System Performance Indicators	Matrix Spike Recovery	Other Quality Control Violations
Aldrin	22	4	8	1	7	16	16	--	1	--
alpha-Hexachlorocyclohexane	47	10	45	3	11	31	41	--	3	--
beta-Hexachlorocyclohexane	62	6	50	6	29	45	28	--	7	--
delta-Hexachlorocyclohexane	47	8	47	3	4	29	40	--	1	--
gamma-Hexachlorocyclohexane	12	4	10	--	4	8	11	--	--	--
alpha-Chlordane	68	17	62	4	25	44	31	--	3	58
gamma-Chlordane	92	16	62	3	29	64	16	--	3	--
4,4'-DDD	32	4	29	1	22	23	25	31	2	--
4,4'-DDE	112	24	90	7	33	73	27	110	2	--
4,4'-DDT	188	20	171	13	79	110	150	185	13	--
Dieldrin	145	24	97	5	72	86	25	1	4	--
alpha-Endosulfan	27	6	21	--	10	18	8	--	--	26
beta-Endosulfan	7	--	7	--	7	4	7	--	--	--
Endosulfan sulfate	64	6	53	4	36	43	57	--	2	--
Endrin	28	1	16	1	12	13	5	--	3	--
Endrin aldehyde	24	4	21	2	9	19	20	1	4	--
Endrin ketone	27	2	26	1	14	19	18	--	2	--
Heptachlor	14	3	7	--	9	11	--	--	--	--
Heptachlor epoxide	99	18	51	9	38	65	19	--	5	--
Methoxychlor	29	2	28	1	7	19	14	--	2	--
Toxaphene	3	--	3	--	--	--	--	--	--	--
Total	1,149	179	904	64	457	740	558	328	57	84

Table B2-9. (cont.)

Analyte	Number of Results Qualified for Control Limit Exceedance: Detected Analytes									
	Total Qualified as Estimated (*J*)	Surrogate Recovery Control Limits Exceeded	Continuing Calibration	Duplicate Spikes	Holding Time	Results on Dissimilar Columns	Laboratory Control Sample	System Performance Indicators	Matrix Spike Recovery	Other Quality Control Violations
Aldrin	213	23	1	6	101	--	180	--	2	9
alpha-Hexachlorocyclohexane	294	22	294	2	100	--	239	--	10	--
beta-Hexachlorocyclohexane	248	22	240	2	83	--	45	--	6	2
delta-Hexachlorocyclohexane	96	12	95	1	36	--	69	--	2	--
gamma-Hexachlorocyclohexane	316	26	316	3	100	--	256	--	8	--
alpha-Chlordane	243	17	188	3	98	--	74	--	8	--
gamma-Chlordane	148	15	61	4	91	--	22	--	7	1
4,4'-DDD	275	23	272	3	70	--	222	--	8	--
4,4'-DDE	175	9	125	2	81	--	22	--	3	--
4,4'-DDT	134	5	134	2	47	--	106	--	4	--
Dieldrin	122	14	29	3	80	--	12	1	3	--
alpha-Endosulfan	252	23	166	5	107	--	84	--	12	--
beta-Endosulfan	275	22	273	5	85	--	189	--	9	--
Endosulfan sulfate	113	14	113	--	30	--	67	--	1	--
Endrin	173	27	75	1	97	1	28	--	3	--
Endrin aldehyde	269	26	219	5	103	--	158	--	10	--
Endrin ketone	305	27	288	7	101	--	129	--	12	--
Heptachlor	151	28	2	5	110	--	14	--	6	--
Heptachlor epoxide	128	18	32	1	90	--	11	--	4	--
Methoxychlor	275	27	242	8	108	--	117	--	9	1
Toxaphene	269	29	230	--	114	--	14	--	--	--
Total	4,474	429	3,395	68	1,832	1	2,058	1	127	13

Table B2-9. (cont.)

	Number of Results Rejected for Control Limit Exceedance: Detected Analytes							
Analyte	Total Rejected (*R*)	Surrogate Recovery	Continuing Calibration	Results on Dissimilar Columns	Labor-atory Control Sample	System Performance Indicators	Matrix Spike Recovery	Other Quality Control Violations
Aldrin	50	1	--	50	--	--	--	--
alpha-Hexachlorocyclohexane	26	--	--	26	--	--	--	1
beta-Hexachlorocyclohexane	42	--	--	42	--	--	--	--
delta-Hexachlorocyclohexane	29	--	1	28	--	--	--	--
gamma-Hexachlorocyclohexane	3	--	--	3	--	--	--	--
alpha-Chlordane	10	--	--	10	--	--	--	--
gamma-Chlordane	41	--	--	41	--	--	--	--
4,4'-DDD	28	--	--	28	--	--	--	--
4,4'-DDE	66	--	--	66	--	--	--	--
4,4'-DDT	48	--	--	48	--	--	--	--
Dieldrin	23	--	--	23	--	--	--	--
alpha-Endosulfan	8	--	--	8	--	--	--	--
beta-Endosulfan	6	--	--	6	--	--	--	--
Endosulfan sulfate	70	--	2	69	5	--	2	--
Endrin	38	--	--	38	--	--	--	--
Endrin aldehyde	16	--	--	16	--	--	--	--
Endrin ketone	7	--	--	7	--	--	--	--
Heptachlor	1	--	--	1	--	--	--	--
Heptachlor epoxide	38	--	--	38	--	--	--	--
Methoxychlor	19	--	--	19	--	--	--	--
Toxaphene	--	--	--	--	--	--	--	--
Total	569	1	3	567	5	0	2	1

Table B2-9. (cont.)

	Number of Results Rejected for Control Limit Exceedance: Non-Detects									
Analyte	Total Rejected (*R*)	Surrogate Recovery	Continuing Calibration	Duplicate Spikes	Holding Time	Results on Dissimilar Columns	Laboratory Control Sample	System Performance Indicators	Matrix Spike Recovery	Other Quality Control Violations
Aldrin	86	28	14	--	42	--	--	--	2	2
alpha-Hexachlorocyclohexane	96	30	11	1	51	--	--	--	5	1
beta-Hexachlorocyclohexane	82	27	1	--	40	--	13	--	2	2
delta-Hexachlorocyclohexane	292	29	209	1	57	--	193	--	16	2
gamma-Hexachlorocyclohexane	132	33	14	2	59	--	16	--	12	3
alpha-Chlordane	82	27	--	--	53	--	--	--	1	2
gamma-Chlordane	67	24	--	--	43	--	--	--	--	1
4,4'-DDD	128	29	14	2	43	--	48	--	11	1
4,4'-DDE	64	21	9	--	35	--	--	--	--	1
4,4'-DDT	96	22	10	--	26	1	23	41	3	1
Dieldrin	50	21	11	--	18	--	--	--	--	1
alpha-Endosulfan	100	32	13	--	55	--	--	--	1	1
beta-Endosulfan	168	34	87	1	52	--	76	--	11	1
Endosulfan sulfate	219	26	119	2	37	--	149	--	13	1
Endrin	87	30	11	--	47	--	--	--	--	1
Endrin aldehyde	102	31	14	--	56	--	1	--	2	1
Endrin ketone	104	33	14	1	55	--	--	--	4	1
Heptachlor	89	32	--	--	56	--	--	--	--	2
Heptachlor epoxide	68	21	8	--	38	--	--	--	1	2
Methoxychlor	102	33	12	2	55	--	--	--	3	1
Toxaphene	95	34	--	--	61	--	--	--	--	1
Total	2,309	597	571	12	979	1	519	41	87	29

Notes: -- - none qualified
GC/ECD - gas chromatography/electron capture detection

Table B2-10. Summary of Data Qualification—Pesticides in Fish Tissue Samples

Analyte	Number of Results				
	Total	Detected	Undetected	Restated as Undetected	Total Qualified as Estimated (*J*)
Aldrin	54	1	53	--	--
alpha-BHC	54	--	54	--	--
beta-BHC	54	1	53	--	--
delta-BHC	54	--	54	--	--
gamma-BHC (Lindane)	54	4	50	--	--
alpha-Chlordane	54	5	49	--	4
gamma-Chlordane	54	6	48	--	5
4,4'-DDD	54	48	6	--	8
4,4'-DDE	54	54	--	--	1
4,4'-DDT	54	43	11	--	39
Dieldrin	54	49	5	--	13
Endosulfan I	54	--	54	1	1
Endosulfan II	54	--	54	--	1
Endosulfan sulfate	54	1	53	--	--
Endrin	54	46	8	--	42
Endrin aldehyde	54	1	53	--	--
Endrin ketone	54	2	52	--	--
Heptachlor	54	--	54	1	1
Heptachlor epoxide	54	--	54	--	--
Methoxychlor	54	--	54	1	1
Toxaphene	54	--	54	--	--
Total	1,134	261	873	3	116

Table B2-10. (cont.)

Analyte	Number of Results Qualified for Control Limit Exceedance: Detected Data					
	Total Qualified as Estimated (*J*)	Continuing Calibration	Duplicate Spikes	Results on Dissimilar Columns	Laboratory Control Sample	Matrix Spike Recovery
Aldrin	--	--	--	--	--	--
alpha-Hexachlorocyclohexane	--	--	--	--	--	--
beta-Hexachlorocyclohexane	--	--	--	--	--	--
delta-Hexachlorocyclohexane	--	--	--	--	--	--
gamma-Hexachlorocyclohexane	--	--	--	--	--	--
alpha-Chlordane	4	--	--	4	--	--
gamma-Chlordane	5	--	--	5	--	--
4,4'-DDD	8	4	1	3	4	--
4,4'-DDE	1	--	--	1	--	--
4,4'-DDT	39	--	--	39	--	--
Dieldrin	13	--	1	12	--	1
alpha-Endosulfan	--	--	--	--	--	--
beta-Endosulfan	--	--	--	--	--	--
Endosulfan sulfate	--	--	--	--	--	--
Endrin	42	4		42	--	--
Endrin aldehyde	--	--	--	--	--	--
Endrin ketone	--	--	--	--	--	--
Heptachlor	--	--	--	--	--	--
Heptachlor epoxide	--	--	--	--	--	--
Methoxychlor	--	--	--	--	--	--
Toxaphene	--	--	--	--	--	--
Total	112	8	2	106	4	1

Table B2-10. (cont.)

Analyte	Number of Results Qualified for Control Limit Exceedance: Non-Detects			
	Total Qualified as Estimated (*J*)	Duplicate Spikes	Results on Dissimilar Columns	Matrix Spike Recovery
Aldrin	--	--	--	--
alpha-Hexachlorocyclohexane	--	--	--	--
beta-Hexachlorocyclohexane	--	--	--	--
delta-Hexachlorocyclohexane	--	--	--	--
gamma-Hexachlorocyclohexane	--	--	--	--
alpha-Chlordane	--	--	--	--
gamma-Chlordane	--	--	--	--
4,4'-DDD	--	--	--	--
4,4'-DDE	--	--	--	--
4,4'-DDT	--	--	--	--
Dieldrin	--	--	--	--
alpha-Endosulfan	1	1	--	1
beta-Endosulfan	1	--	1	--
Endosulfan sulfate	--	--	--	--
Endrin	--	--	--	--
Endrin aldehyde	--	--	--	--
Endrin ketone	--	--	--	--
Heptachlor	1	1	--	1
Heptachlor epoxide	--	--	--	--
Methoxychlor	1	1	--	1
Toxaphene	--	--	--	--
Total	4	3	1	3

Notes: -- - none qualified
GC/ECD - gas chromatography/electron capture detection

Table B2-11. Summary of Quality Control Checks—Polychlorinated Biphenyls in Benthic Macroinvertebrate Samples

Quality Control Check	Status	Comment
Completeness	100-percent	56 results were reported; no results were rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using methods described in the quality assurance project plan
Instrument performance	Acceptable	
Calibration	Acceptable	Control limits were met
Method blank	Acceptable	Control limits were met
Accuracy (bias or recovery)		
Surrogate compounds	Acceptable	Control limits were met
Matrix spike samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	Control limits were met
Accuracy (precision)	Acceptable	Control limits were met
Method detection and reporting limits	Acceptable	9 results were qualified as estimated because the analyte concentration was below the method reporting limit
Identification and quantification	Acceptable	12 results were qualified as estimated because the Aroclor® mixture exhibited a weathered pattern
Field quality control samples	Acceptable	Control limits were met
Overall Assessment	**Acceptable**	**12 results qualified; no results rejected**

Table B2-12. Summary of Quality Control Checks—Polychlorinated Biphenyls in Sediment and Dredge Material Samples

Quality Control Check	Status	Comment
Completeness	100-percent	4,392 results were reported; no results were rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Methods and modifications are described in the introduction
Instrument performance	Acceptable	Requirements were met
Calibration	Acceptable	Control limits were met
Method blank	Acceptable	5 results were restated as undetected
Accuracy (bias or recovery)		
Surrogate compounds	Acceptable	144 results were qualified as estimated
Matrix spike samples	Acceptable	Control limits were generally met; no sample results required qualification
Laboratory control samples	Acceptable	Control limits were met
Accuracy (precision)	Acceptable	Control limits were generally met; no sample results required qualification
Method detection and reporting lim	Acceptable	326 results were qualified as estimated because the analyte concentration was below the method reporting limit
Identification and quantification	Acceptable	890 results were qualified as estimated because the Aroclor® mixture exhibited a weathered pattern
Field quality control samples	Acceptable	Control limits were met
Overall Assessment	**Acceptable**	**943 results qualified as estimated; no results rejected**

Table B2-13. Summary of Quality Control Checks—Polychlorinated Biphenyls in Fish Tissue Samples

Quality Control Check	Status	Comment
Completeness	100-percent	432 results were reported; no results were rejected
Holding times	Acceptable	Holding times to extraction were exceeded; all results were qualified as estimated
Analytical methods	Acceptable	Analyses were conducted using methods described in the quality assurance project plan
Instrument performance	Acceptable	Requirements were met
Calibration	Acceptable	Control limits were met
Method blank	Acceptable	Control limits were met
Accuracy (bias or recovery)		
Surrogate compounds	Acceptable	6 results were qualified as estimated
Matrix spike samples	Acceptable	Control limits were generally met; no sample results were qualified
Laboratory control samples	Acceptable	Control limits were met
Accuracy (precision)	Acceptable	Control limits were met
Method reporting limits	Acceptable	Control limits were met
Identification and quantification	Acceptable	Criteria specified in analytical method were met
Homogenization blanks	Acceptable	No analytes were detected
Overall Assessment	**Acceptable**	**432 results qualified as estimated; no results rejected**

Table B2-14. Summary of Data Qualification—PCBs in Benthic Macroinvertebrate Samples

	Number of Results Qualified for Control Limit Exceedance: Detected Data					
Analyte	Total	Detected	Undetected	Total Qualified	Detected Below MRL	Weathered Aroclor® Pattern
Aroclor® 1016	7	--	7	--	--	--
Aroclor® 1221	7	--	7	--	--	--
Aroclor® 1232	7	--	7	--	--	--
Aroclor® 1242	7	5	2	5	3	5
Aroclor® 1248	7	1	6	1	1	1
Aroclor® 1254	7	3	4	3	2	3
Aroclor® 1260	7	3	4	3	3	3
Aroclor® 1268	7	--	7	--	--	--
Total	56	12	44	12	9	12

Notes: No data were rejected.

No non-detects required qualification.

-- - none qualified
MRL - method reporting limit
PCB - polychlorinated biphenyl

Table B2-15. Summary of Data Qualification—PCBs in Sediment and Dredge Material

	Number of Results					Number of Results Qualified for Control Limit Exceedance:					
						Detected Data			Non-Detects		
Analyte	Total	Detected	Un-detected	Total Qualified	Restated as Undetected Due to Blank Contamination	Total Qualified	Surrogate Recovery	Detected Below MRL or Weathered Aroclor® Pattern	Total Qualified	Surrogate Recovery	Reporting Limit May Be Imprecise
Aroclor® 1016	549	--	549	20	--	--	--	--	18	18	--
Aroclor® 1221	549	13	536	32	--	12	--	12	18	18	--
Aroclor® 1232	549	--	549	20	--	--	--	--	18	18	--
Aroclor® 1242	549	274	275	279	--	274	13	274	5	5	--
Aroclor® 1248	549	17	532	36	--	17	1	17	17	17	--
Aroclor® 1254	549	257	292	262	1	256	14	256	4	4	1
Aroclor® 1260	549	224	325	232	4	222	13	222	5	5	4
Aroclor® 1268	549	48	501	62	--	42	--	42	18	18	--
Total	4,392	833	3,559	943	5	823	41	823	103	103	5

Notes: No data were rejected.

-- - none qualified
MRL - method reporting limit
PCB - polychlorinated biphenyl

Table B2-16. Summary of Data Qualification—PCBs in Fish Tissue Samples

	Number of Results		Number of Results Qualified for Control Limit Exceedance				
			Detected Data			Non-Detects	
Analyte	Total	Total Qualified	Total Qualified	Holding Time	Surrogate Recovery	Total Qualified	Holding Time
Aroclor® 1016	54	54	--	--	--	54	54
Aroclor® 1221	54	54	--	--	--	54	54
Aroclor® 1232	54	54	--	--	--	54	54
Aroclor® 1242	54	54	--	--	--	54	54
Aroclor® 1248	54	54	54	54	3	--	--
Aroclor® 1254	54	54	--	--	--	54	54
Aroclor® 1260	54	54	54	54	3	--	--
Aroclor® 1268	54	54	--	--	--	54	54
Total	432	432	108	108	6	324	324

Notes: No data were rejected.

-- - none qualified
PCB - polychlorinated biphenyl

Table B2-17. Summary of Quality Control Checks—Polychlorinated Dibenzo-*p*-dioxins and Polychlorinated Dibenzofurans in Sediment and Soil Samples

Quality Control Check	Status	Comment
Completeness	100-percent	3,525 results were reported; no results were rejected
Holding times	Acceptable	100 results were qualified as estimated
Analytical methods	Acceptable	Analyses were conducted using methods described in the quality assurance project plan
Instrument performance	Acceptable	Requirements were met
Calibration	Acceptable	Control limits were met
Method blank	Acceptable	131 results were restated as undetected because analytes were detected in the associated method blank
Accuracy (bias or recovery)		
Internal standard/surrogate compounds	Acceptable	2 results were qualified as estimated
Recovery standards	Acceptable	Control limits were met
Matrix spike samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	Control limits were met
Accuracy (precision)	Acceptable	Control limit was typically met; no sample results required qualification
Method detection and reporting limits	Acceptable	Data quality objectives were typically met; some reporting limits were elevated
		663 results were qualified as estimated because the analyte concentration was below the method reporting limit
Identification and quantification	Acceptable	Criteria were met. 223 results were qualified as estimated and reported as estimated maximum possible concentrations (EMPCs)
Field quality control samples	Acceptable	Control limits were met
Overall Assessment	**Acceptable**	**802 results qualified as estimated; no results rejected**

Table B2-18. Summary of Quality Control Checks—Polychlorinated Dibenzo-*p*-dioxins and Polychlorinated Dibenzofurans in Fish Tissue Samples

Quality Control Check	Status	Comment
Completeness	100-percent	1,375 results were reported; no results were rejected
Holding times	Acceptable	Control limits were met
Analytical methods	Acceptable	Analyses were conducted using methods described in the quality assurance project plan
Instrument performance	Acceptable	Requirements were met
Calibration	Acceptable	Control limits were met
Method blank	Acceptable	56 results were restated as undetected because analytes were detected in the associated method blank
Accuracy (bias or recovery)		
Internal standard/surrogate compounds	Acceptable	6 results were qualified as estimated
Recovery standards	Acceptable	Control limits were met
Matrix spike samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	Control limits were met
Accuracy (precision)	Acceptable	Control limits were met
Method detection and reporting limits	Acceptable	Data quality objectives were typically met; some reporting limits were elevated
		537 results were qualified as estimated because the analyte concentration was below the method reporting limit
Identification and quantification	Acceptable	Criteria were met. 169 results were qualified as estimated and reported as estimated maximum possible concentrations (EMPCs)
Field quality control samples	Acceptable	Control limits were met
Overall Assessment	**Acceptable**	**543 results qualified as estimated; no results rejected**

Table B2-19. Summary of Data Qualification—PCDDs/PCDFs in Sediment and Dredged Material

	Number of Results					Number of Results Qualified for Control Limit Exceedance:						
						Detected Data					Undetected Data	
Analyte	Total	Detected	Un-detected	Total Qualified	Restated as Undetected	Total Qualified	Holding Time	EMPC for PCDDs/Fs	Other Quality Control Violations	Internal Standard Area/Recovery Exceeded Control Limits	Total Qualified	Holding Time
2,3,7,8-Tetrachlorodibenzodioxin	141	80	61	47	--	46	3	24	40	--	1	1
1,2,3,7,8-Pentachlorodibenzodioxin	141	89	52	49	6	48	3	27	37	--	1	1
1,2,3,4,7,8-Hexachlorodibenzodioxin	141	95	46	63	--	62	3	29	60	--	1	1
1,2,3,6,7,8-Hexachlorodibenzodioxin	141	100	41	47	--	46	3	20	39	--	1	1
1,2,3,7,8,9-Hexachlorodibenzodioxin	141	100	41	57	1	56	3	23	46	--	1	1
1,2,3,4,6,7,8-Heptachlorodibenzodioxin	141	113	28	20	27	20	4	5	16	--	--	--
Total tetrachlorodibenzodioxins	141	114	27	20	2	19	3	--	16	--	1	1
Total pentachlorodibenzodioxins	141	103	38	20	3	19	3	--	16	--	1	1
Total hexachlorodibenzodioxins	141	113	28	23	3	22	3	--	19	--	1	1
Total heptachlorodibenzodioxins	141	128	13	33	4	32	3	--	29	--	1	1
Octachlorodibenzodioxin	141	111	30	18	30	17	3	4	10	2	1	1
2,3,7,8-Tetrachlorodibenzofuran	141	116	25	18	--	17	3	6	12	--	1	1
1,2,3,7,8-Pentachlorodibenzofuran	141	113	28	28	--	27	3	9	20	--	1	1
2,3,4,7,8-Pentachlorodibenzofuran	141	115	26	28	--	27	3	12	23	--	1	1
1,2,3,4,7,8-Hexachlorodibenzofuran	141	117	24	36	6	35	3	8	32	--	1	1
1,2,3,6,7,8-Hexachlorodibenzofuran	141	112	29	48	--	47	3	7	45	--	1	1
1,2,3,7,8,9-Hexachlorodibenzofuran	141	65	76	40	--	38	2	14	30	--	2	2
2,3,4,6,7,8-Hexachlorodibenzofuran	141	106	35	57	--	56	3	19	50	--	1	1
1,2,3,4,6,7,8-Heptachlorodibenzofuran	141	108	33	21	21	20	3	7	17	--	1	1
1,2,3,4,7,8,9-Heptachlorodibenzofuran	141	102	39	36	1	35	3	12	33	--	1	1
Total tetrachlorodibenzofurans	141	131	10	20	--	19	3	--	16	--	1	1
Total pentachlorodibenzofurans	141	117	24	9	--	8	3	--	5	--	1	1
Total hexachlorodibenzofurans	141	115	26	20	--	19	3	--	16	--	1	1
Total heptachlorodibenzofurans	141	115	26	23	--	22	3	--	19	--	1	1
Octachlorodibenzofuran	141	109	32	21	27	20	3	7	17	--	1	1
Total	3,525	2,687	838	802	131	777	75	233	663	2	25	25

Notes: No data for PCDD/Fs in sediment and dredge material were rejected.
EMPC - estimated maximum possible concentration
PCDD/F - polychlorinated dibenzo-*p*-dioxin/polychlorinated dibenzofuran

Table B2-20. Summary of Data Qualification—PCDDs/PCDFs in Fish Tissue Samples

Analyte	Number of Results						Number of Results Qualified for Control Limit Exceedance					
							Detected Data				Non-Detects	
	Total	Detected	Un-detected	Total Rejected	Total Qualified	Restated as Undetected	Total Qualified	Surrogate Recovery	EMPC for PCDDs/Fs	Other QC Violations	Total Qualified	Surrogate Recovery
2,3,7,8-Tetrachlorodibenzodioxin	55	50	5	--	33	--	33	--	15	32	--	--
1,2,3,7,8-Pentachlorodibenzodioxin	55	44	11	--	27	--	27	--	14	26	--	--
1,2,3,4,7,8-Hexachlorodibenzodioxin	55	20	35	--	20	--	20	--	8	20	--	--
1,2,3,6,7,8-Hexachlorodibenzodioxin	55	45	10	--	35	--	35	--	15	35	--	--
1,2,3,7,8,9-Hexachlorodibenzodioxin	55	23	32	--	23	--	23	--	10	23	--	--
1,2,3,4,6,7,8-Heptachlorodibenzodioxin	55	47	8	--	36	--	36	1	20	35	--	--
Total tetrachlorodibenzodioxins	55	37	18	--	17	--	17	--	--	17	--	--
Total pentachlorodibenzodioxins	55	30	25	--	13	--	13	--	--	13	--	--
Total hexachlorodibenzodioxins	55	31	24	--	20	--	20	--	--	20	--	--
Total heptachlorodibenzodioxins	55	38	17	--	25	--	25	1	--	24	--	--
Octachlorodibenzodioxin	55	23	32	--	18	32	18	1	6	18	--	--
2,3,7,8-Tetrachlorodibenzofuran	55	55	--	--	14	--	14	--	1	14	--	--
1,2,3,7,8-Pentachlorodibenzofuran	55	47	8	--	33	--	33	--	8	32	--	--
2,3,4,7,8-Pentachlorodibenzofuran	55	52	3	--	21	--	21	--	9	20	--	--
1,2,3,4,7,8-Hexachlorodibenzofuran	55	41	14	--	33	--	33	--	12	33	--	--
1,2,3,6,7,8-Hexachlorodibenzofuran	55	25	30	--	21	--	21	--	11	21	--	--
1,2,3,7,8,9-Hexachlorodibenzofuran	55	6	49	--	6	--	6	--	4	6	--	--
2,3,4,6,7,8-Hexachlorodibenzofuran	55	22	33	--	22	--	22	--	9	22	--	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran	55	32	23	--	32	--	32	1	16	32	--	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55	9	46	--	9	--	9	1	5	9	--	--
Total tetrachlorodibenzofurans	55	54	1	--	17	--	17	--	--	17	--	--
Total pentachlorodibenzofurans	55	47	8	--	12	--	12	--	--	12	--	--
Total hexachlorodibenzofurans	55	34	21	--	24	--	24	--	--	24	--	--
Total heptachlorodibenzofurans	55	22	33	--	22	--	22	--	--	22	1	1
Octachlorodibenzofuran	55	10	45	--	10	24	10	--	6	10	--	--
Total	1,375	844	531	--	543	56	543	5	169	537	1	1

Notes: EMPC - estimated maximum possible concentration
PCDD/F - polychlorinated dibenzo-*p*-dioxin/polychlorinated dibenzofuran
QC - quality control

Table B2-21. Summary of Quality Control Checks—Inorganics in Sediment and Dredge Material Samples

Quality Control Check	Status	Comment
Completeness	>99-percent	12,372 results reported; 1 cyanide result rejected
Holding times	Acceptable	Holding time constraints were met with 1 exception; 1 cyanide result rejected
Analytical methods	Acceptable	Analyses conducted using methods described in the quality assurance project plan
Calibration	Acceptable	Control limits were met
Interference check samples	Acceptable	Control limits were met
Method blank	Acceptable	Control limits were met
Accuracy (bias or recovery)		
Matrix spike samples	Acceptable	1,450 results qualified as estimated
Matrix spike duplicate samples	Acceptable	Control limits were exceeded for several metals; no additional qualifiers were applied
Laboratory control samples	Acceptable	Control limits were met
Serial dilutions	Acceptable	739 results qualified as estimated
Accuracy (precision)	Acceptable	Control limits were met
Instrument detection limits and method reporting limits	Acceptable	Data quality objectives were met
Field quality control samples	Acceptable	16 results qualified as estimated
Overall Assessment	**Acceptable**	**2,080 results qualified as estimated; 1 result rejected**

Table B2-22. Summary of Quality Control Checks—Inorganics (Except Hg) in Fish Tissue Samples

Quality Control Check	Status	Comment
Completeness	100-percent	1,265 results reported; no results rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using methods described in the quality assurance project plan
Calibration	Acceptable	9 results qualified as estimated
Interference check samples	Acceptable	Control limits were met
Method blank	Acceptable	Control limits were met
Accuracy (bias or recovery)		
Matrix spike samples	Acceptable	21 results qualified as estimated
Matrix spike duplicate samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	Control limits were met
Serial dilutions	Acceptable	31 results qualified as estimated
Accuracy (precision)	Acceptable	Control limits were met
Instrument detection limits and method reporting limits	Acceptable	Data quality objectives were met
Field quality control samples	Acceptable	Control limits were met
Overall Assessment	**Acceptable**	**61 results qualified**

Table B2-23. Summary of Data Qualification—Inorganics in Sediment and Soil Samples

	Number of Results				
Analyte	Total[a]	Detected	Undetected	Total Qualified	Total Rejected
Aluminum	514	514	--	36	--
Antimony	514	268	246	372	--
Arsenic	514	501	13	30	--
Barium	514	514	--	138	--
Beryllium	514	510	4	20	--
Cadmium	514	387	127	43	--
Calcium	514	514	--	20	--
Chromium	514	514	--	112	--
Cobalt	514	509	5	49	--
Copper	514	514	--	100	--
Cyanide	514	129	385	2	1
Iron	514	514	--	20	--
Lead	514	513	1	136	--
Magnesium	514	514	--	65	--
Manganese	514	514	--	88	--
Total mercury	550	456	94	143	--
Nickel	514	514	--	50	--
Potassium	514	505	9	87	--
Selenium	514	372	142	38	--
Silver	514	244	270	6	--
Sodium	514	514	--	272	--
Thallium	514	45	469	20	--
Vanadium	514	514	--	100	--
Zinc	514	514	--	133	--
Total	12,372	10,607	1,765	2,080	1

Table B2-23. (cont.)

	Number of Results Qualified for Control Limit Exceedance Detected Data					
Analyte	Total Qualified	ICP Serial Dilution	Field QC Sample Blanks or Duplicates	MS Percent Recovery	MSD Spike Recovery	Other
Aluminum	36	16	--	18	--	2
Antimony	196	--	--	195	--	1
Arsenic	30	26	2	--	--	2
Barium	138	16	--	120	18	2
Beryllium	20	--	--	18	--	2
Cadmium	36	17	--	17	--	2
Calcium	20	16	2	--	--	2
Chromium	112	81	--	29	--	2
Cobalt	49	47	--	18	--	2
Copper	100	19	--	79	18	2
Cyanide	--	--	--	--	--	1
Iron	20	16	2	--	--	2
Lead	136	13	--	135	--	2
Magnesium	65	16	--	47	--	2
Manganese	88	16	--	69	19	2
Total mercury	182	--	2	181	102	2
Nickel	50	16	--	32	--	2
Potassium	87	68	2	15	--	2
Selenium	37	16	2	17	--	2
Silver	5	4	--	--	--	1
Sodium	272	235	2	88	--	2
Thallium	--	--	--	--	--	--
Vanadium	100	78	2	18	--	2
Zinc	133	17	--	131	18	2
Total	1,912	733	16	1,227	175	43

Table B2-23. (cont.)

Analyte	Number of Results Qualified for Control Limit Exceedance Non-Detects						
	Total Qualified	ICP Serial Dilution	MS Recovery Percent Recovery	MSD Spike Recovery	Total Rejected	Holding Time	Other
Aluminum	--	--	--	--	--	--	--
Antimony	176	--	175	--	--	--	1
Arsenic	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--
Beryllium	--	--	--	--	--	--	--
Cadmium	7	6	1	--	--	--	--
Calcium	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--
Cobalt	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--
Cyanide	2	--	--	--	1	1	1
Iron	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--
Magnesium	--	--	--	--	--	--	--
Manganese	--	--	--	--	--	--	--
Total mercury	28	--	28	23	--	--	--
Nickel	--	--	--	--	--	--	--
Potassium	--	--	--	--	--	--	--
Selenium	1	--	1	--	--	--	--
Silver	1	--	--	--	--	--	1
Sodium	--	--	--	--	--	--	--
Thallium	20	--	18	--	--	--	2
Vanadium	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--
Total	235	6	223	23	1	1	5

Notes: -- No results were qualified
ICP - inductively coupled plasma
MS - matrix spike
MSD - matrix spike duplicate
QC - quality control

[a] 36 samples were collected for the benthic chemistry study. These were analyzed only for mercury and solids, not for the full target analyte list.

Table B2-24. Laboratory Duplicate and Matrix Spike Results for Mercury in Sediment and Dredge Material

SDG Number	Sample Number	Mercury Concentration (mg/kg dry wt) Lab Rep 1	Mercury Concentration (mg/kg dry wt) Lab Rep 2	RPD	Spike Added (mg/kg)	Ratio: Lab Rep 1 per Spike	Ratio: Lab Rep 2 per Spike	Mercury Concentration (mg/kg dry wt) Spike Result 1	Mercury Concentration (mg/kg dry wt) Spike Result 2	Spike Recovery 1 (percent)	Spike Recovery 2 (percent)
6531	SF0111_T	74.4	81.1	8.6	0.850	88	95	65.4	79.7	NC[b]	NC[b]
6295	VC0105	50.4	41.3	19.8	0.661	76	63	38.8	37.8	NC[b]	NC[b]
6531	SF0152	40.5	33.6	18.7	0.604	67	56	33.9	29.5	NC[b]	NC[b]
6428	BC0015	18.8	26.1	32.4	0.601	31	43	22.2	26.3	NC[b]	NC[b]
6312	VC0001	21.3	19.7	7.7	0.744	29	26	19.0	21.3	NC[b]	NC[b]
6310	VC0025	14.0	17.2	20.6	0.568	25	30	18.5	15.5	NC[b]	NC[b]
6463	SF0117	7.5	8.0	6.1	0.380	20	21	4.72	12.4	NC[b]	NC[b]
6583	SF0173	12.1	12.4	2.1	0.823	15	15	14.0	13.6	NC[b]	NC[b]
6261	VC0191	11.5	17.0	38.4	1.012	11	17	19.9	17.6	NC[b]	NC[b]
6463	SB0025	8.5	14.9	54.9	0.763	11	20	9.91	10.2	NC[b]	NC[b]
6596	DM0011	3.1	4.8	43.2	0.389	8.0	12	4.54	4.23	NC[b]	NC[b]
6544	SB0035	8.7	10.4	17.4	1.156	7.5	9.0	10.1	11.6	NC[b]	NC[b]
6222	VC0130	3.6	7.5	69.8	0.706	5.1	11	4.86	7.15	NC[b]	NC[b]
6468	SF0128	2.6	2.4	6.8	0.597	4.4	4.1	3.47	3.83	NC[b]	NC[b]
6406	BC0001	2.2	3.2	36.1	0.570	3.9	5.6	4.26	3.64	NC[b]	NC[b]
6217	VC0153	3.3	5.0	40.5	0.888	3.7	5.6	4.78	6.90	NC[b]	NC[b]
6538	WS0028	1.3	1.7	24.6	0.392	3.3	4.2	2.75	2.63	NC[b]	NC[b]
6451	SF0115	1.9	2.4	22.5	0.581	3.3	4.1	3.18	3.09	NC[b]	NC[b]
6493	SF0142	3.1	3.1	1.1	0.957	3.2	3.3	4.52	4.23	148	119
6469	SF0055	2.0	2.3	15.2	0.693	2.9	3.4	3.70	3.44	245	207
6538	WS0001	4.0	3.9	3.0	1.505	2.7	2.6	3.40	4.75	-40	50
6302	VC0065	1.5	1.7	9.6	0.749	2.0	2.2	3.01	2.16	202	89
6222	VC0149	0.77	1.0	27.5	0.595	1.3	1.7	1.44	2.42	112	278
6217	VC0170	0.61	0.57	6.3	0.530	1.2	1.1	1.19	1.20	109	110
6614	SF0033	0.6	0.62	3.8	0.585	1.0	1.1	1.37	1.46	132	147
6493	SB0008	0.37	0.36	4.0	0.436	0.8	0.8	0.73	0.75	84	87
6468	SB0047	0.63	0.70	10.4	0.837	0.8	0.8	1.62	1.72	118	130

Table B2-24. (cont.)

SDG Number	Sample Number	Mercury Concentration (mg/kg dry wt) Lab Rep 1	Mercury Concentration (mg/kg dry wt) Lab Rep 2	RPD	Spike Added (mg/kg)	Ratio: Lab Rep 1 per Spike	Ratio: Lab Rep 2 per Spike	Hg Concentration (mg/kg dry wt) Spike Result 1	Hg Concentration (mg/kg dry wt) Spike Result 2	Spike Recovery 1 (percent)	Spike Recovery 2 (percent)
6222	SB0003	0.49	0.55	10.7	0.686	0.7	0.8	1.00	1.22	75	107
6583	SF0013	0.33	0.29	12.0	0.636	0.5	0.5	1.04	1.08	111	118
6302	VC0086	0.39	0.38	2.5	1.290	0.3	0.3	1.63	1.51	96	87
6596	SF0001	0.15	0.18	15.6	0.575	0.3	0.3	0.66	0.53	88	65
6614	DM0019	0.061	--	--	0.404	0.2	--	0.50	0.76	109	--
6312	VC0021	0.067	0.087	26.0	0.561	0.1	0.2	0.64	0.69	103	111
6261	VC0061	0.055	0.048 *U*	13.2	0.575	0.1	0.1	0.88	0.79	143	127
6310	VC0045	0.059	0.053 *U*	11.5	0.619	0.1	0.1	0.62	0.62	90	91
6614	DM0039	0.033 *U*	0.033 *U*	0.3	0.387	0.1	0.1	0.32	0.42	73	99
6561	SF0162	0.11 *U*	0.11 *U*	4.4	1.352	0.1	0.1	1.55	1.51	106	104

Notes: -- - not applicable
RPD - relative percent difference
SDG - sample delivery group
U - undetected at detection limit shown

[a] The entries are arranged by the ratio of the mercury concentration in laboratory replicate 1 to the added spike concentration, in descending order.

[b] Recovery not calculated (NC) because sample result was > 4 times spike added.

Table B2-25. Summary of Data Qualification—Inorganics (Except Hg) in Fish Tissue Samples

	Number of Results				Number of Results Qualified for Control Limit Exceedance: Detected Results		
Analyte	Total	Detected	Undetected	Total Qualified[a]	Instrument Calibration	ICP Serial Dilution	Matrix Spike Recovery
Aluminum	55	47	8	11	5	--	6
Antimony	55	--	55	--	--	--	--
Arsenic	55	33	22	--	--	--	--
Barium	55	55	--	--	--	--	--
Beryllium	55	24	31	4	4	--	--
Cadmium	55	20	35	--	--	--	--
Calcium	55	55	--	31	--	31	--
Chromium	55	14	41	--	--	--	--
Cobalt	55	52	3	--	--	--	--
Copper	55	55	--	--	--	--	--
Cyanide	55	2	53	--	--	--	--
Iron	55	55	--	7	--	--	7
Lead	55	53	2	--	--	--	--
Magnesium	55	55	--	--	--	--	--
Manganese	55	55	--	--	--	--	--
Nickel	55	55	--	--	--	--	--
Potassium	55	55	--	--	--	--	--
Selenium	55	35	20	--	--	--	--
Silver	55	16	39	--	--	--	--
Sodium	55	55	--	--	--	--	--
Thallium	55	1	54	--	--	--	--
Vanadium	55	55	--	--	--	--	--
Zinc	55	55	--	8	--	--	8
Total	1,265	902	363	61	9	31	21

Notes: -- - not applicable
ICP - inductively coupled plasma

[a] No data for non-detects were qualified.

Table B2-26. Summary of Quality Control Checks—Low-level Mercury and Methylmercury in All Sample Types and Data for the Porewater Study

Quality Control Check	Status	Comment
Completeness	99.9-percent	813 results reported; 1 total mercury result rejected for pore water
Holding times	Acceptable	7 results qualified as estimated
Analytical methods	Acceptable	Analyses conducted using methods described in the quality assurance project plan (Exponent 2000)
Instrument-specific quality control procedures	Acceptable	2 results qualified as estimated
Calibration	Acceptable	Control limits were met
Method blank	Acceptable	7 results qualified as estimated; 10 results restated as undetected
Accuracy (bias or recovery)		
Matrix spike samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	Control limits were met
Standard reference materials	Acceptable	Control limits were met
Accuracy (precision)	Acceptable	2 results qualified as estimated
Instrument detection limits and method reporting limits	Acceptable	Data quality objectives were met
Field quality control samples	Acceptable	40 results qualified as estimated; 16 results restated as undetected
Overall Assessment	**Acceptable**	**59 results qualified; 1 result rejected**

Table B2-27. Summary of Data Qualification—Low-level Mercury and Methylmercury in All Sample Types and Data for the Porewater Study

		Number of Results						Number of Results Qualified for Control Limit Exceedance: Detected Data				
Matrix	Analyte	Total	Detected	Un-detected	Restated as Un-detected[a]	Qualified as Estimated	Rejected	Holding Time	Field Blank	Laboratory Blank Contam-ination	ICP Serial Dilution	Laboratory Duplicate
Fish tissue	Total mercury	55	55	--	--	--	--	--	--	--	--	--
Benthic macroinvertebrates	Total mercury	46	42	4	--	--	--	--	--	--	--	--
	Methylmercury	46	36	10	10	--	--	--	--	--	--	--
	Percent solids	13	13	--	--	--	--	--	--	--	--	--
Sediment												
Benthic bioaccumulation stations	Methylmercury	36	36	--	--	--	--	--	--	--	--	--
Sediment toxicity stations	Methylmercury	17	17	--	--	--	--	--	--	--	--	--
Pore water study												
Lake sediment	Total mercury	65	65	--	--	7	--	7	--	--	--	--
	Methylmercury	65	65	--	--	--	--	--	--	--	--	--
	pH	65	65	--	--	--	--	--	--	--	--	--
Lake water overlying the sediment	Total mercury	16	16	--	--	4	--	--	4	--	--	--
	Methylmercury	16	16	--	--	1	--	--	--	--	--	--
	Iron	16	15	1	--	12	--	--	12	--	--	--
	Manganese	16	16	--	--	--	--	--	--	--	--	--
	Sulfides	16	0	16	16	--	--	--	--	--	--	--
	TSS	8	8	--	--	6	--	--	--	6		
Pore water	Total mercury	63	63	--	--	23	1	--	23	--	--	--
	Methylmercury	63	63	--	--	--	--	--	--	--	--	--
	Iron	64	58	6	--	3	--	--	--	--	1	1
	Manganese	64	48	16	--	3	--	--	--	--	1	1
	Sulfides	63	63	--	--	--	--	--	--	--	--	--

Notes: ICP - inductively coupled plasma
TSS - total suspended solids

[a] Results were restated as undetected due to field blank contamination.

Table B2-28. Summary of Quality Control Checks—AVS/SEM, Conventional Analytes, and Physical Parameters in Sediment and Dredge Material Samples

Quality Control Check	Status	Comment
Completeness	100-percent	5,133 results were reported; no results were rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses were conducted using methods described in the quality assurance project plan
Calibration	Acceptable	Control limits were met
Interference check samples	Acceptable	Control limits were met
Method blank	Acceptable	3 simultaneously extracted metals results were qualified as estimated
Bias		
Matrix spike samples	Acceptable	6 ammonia results were qualified as estimated
Laboratory control samples	Acceptable	Control limits were met
Serial dilutions	Acceptable	31 simultaneously extracted metals results were qualified as estimated
Precision	Acceptable	27 results were qualified as estimated
Method reporting limits	Acceptable	Data quality objectives were met
Field quality control samples	Acceptable	14 results for total organic carbon were qualified as estimated
Overall Assessment	**Acceptable**	**114 results were qualified as estimated**

Table B2-29. Summary of Data Qualification—Conventional Analytes, Physical Parameters, and Lipids

Analyte	Number of Results: Total	Number of Results: Total Qualified as Estimated	Number of Results Qualified for Quality Control Exceedance: Detected Data: Laboratory or Field Duplicates	Matrix Spike Recovery	Difficulties Collecting Sample[a]
All samples					
Total organic carbon	670	16	14	--	2
Total solids (dry wt. as % of wet wt.)	683	2	--	--	2
Percent sand	420	--	--	--	--
Percent silt	420	--	--	--	--
Percent clay	420	--	--	--	--
Sediment toxicity study					
Acid-volatile sulfide	17	11	11	--	--
Total sulfide	17	--	--	--	--
Ammonia-nitrogen	17	6	--	6	--
Feasibility study and grain size study[b]				--	--
Carbonate	133	2	--	--	2
Liquid limit	130	9	8	--	2
Plastic limit	130	9	8	--	2
Specific gravity	153	2	--	--	2
Particles < 19.0 mm	152	2	--	--	2
Particles < 9.50 mm	152	2	--	--	2
Particles < 4.75 mm (sieve #4)	152	2	--	--	2
Particles < 2.00 mm (sieve #10)	152	2	--	--	2
Particles < 0.85 mm	152	2	--	--	2
Particles < 0.425 mm	152	2	--	--	2
Particles < 0.250 mm (sieve #60)	152	2	--	--	2
Particles < 0.106 mm	152	2	--	--	2
Particles < 0.075 mm	152	2	--	--	2
Particles < 0.074 mm (sieve #200)	151	2	--	--	2
Particles smaller than 0.005 mm	151	2	--	--	2
Particles smaller than 0.001 mm	151	2	--	--	2
Total	5,031	81	41	6	36

Notes: All analytes were detected in every sample.

No results were rejected or restated as undetected.

No qualifiers were applied to data for conventional analytes and physical characteristics in wetland sediment and dredge material.

No qualifiers were applied to data for lipids in fish and benthic macroinvertebrate tissue.

[a] Rocky conditions at the site prevented reliable collection of the top 2 cm for Samples SF0123 and SF0123_R.

[b] 24 samples were collected for the grain size study and the remainder were collected for the feasibility study.

Table B2-30. Summary of Data Qualification—Simultaneously Extracted Metals

	Number of Results				Number of Results Qualified for Control Limit Exceedance:					
					Detected Data			Non-detects		
Analyte	Total	Detected	Undetected	Total Qualified	Total Qualified	Laboratory Blank Concentration	ICP Serial Dilution	Total Qualified	Laboratory Blank Concentration	ICP Serial Dilution
Cadmium	17	15	2	--	--	--	--	--	--	--
Copper	17	15	2	2	2	2	--	--	--	--
Lead	17	15	2	15	13	--	13	2	--	2
Total mercury	17	10	7	--	--	--	--	--	--	--
Nickel	17	17	--	16	16	1	16	--	--	--
Zinc	17	17	--	--	--	--	--	--	--	--

Notes: No results were restated as undetected or rejected.

ICP - inductively coupled plasma

Table B2-31. Summary of Quality Control Checks—Volatile Organic Compounds in TCLP Samples

Quality Control Check	Status	Comment
Completeness	95.2-percent complete	210 results were reported; 10 results for 2-butanone were rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses were conducted using SW-846 Methods 1311 and 8260B (TCLP extraction and GC/MS analysis)
Instrument performance	Acceptable	Control limits were met
Calibration	Acceptable	10 results for 2-butanone were rejected (*R*); 1 result for 2-butanone and 6 results for vinyl chloride were qualified (*J*) because criteria were not met
Method blank	Acceptable	Control limits were met
Accuracy (bias or recovery)		
Surrogate compounds	Acceptable	Control limits were met
Matrix spike samples	Acceptable	2 results were qualified as estimated (*J*) because the recovery criteria were not met for trichloroethene and carbon tetrachloride
Laboratory control samples	Acceptable	Control limits were met
Precision	Acceptable	Control limits were met
Method reporting limits	Acceptable	1 result for chlorobenzene was restated as undetected (*U*) due to poor mass spectral match; 3 results for benzene and 1 result for tetrachloroethene were qualified as estimated (*J*) due to detected result reported below MRL
Overall Assessment	**Acceptable**	**17 results qualified as estimated; 10 results rejected**

Notes: GC/MS - gas chromatography/mass spectrometry
TCLP - toxicity characteristic leaching procedure

Table B2-32. Summary of Quality Control Checks—Semivolatile Organic Compounds in TCLP Samples

Quality Control Check	Status	Comment
Completeness	100-percent complete	252 results reported; no results rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using SW-846 Method 1311/8270C (TCLP extraction & GC/MS analysis)
Instrument performance	Acceptable	22 results were qualified as estimated (*J*) because two sample extracts were allowed to go dry during extraction
		1 result for 1,4-dichlorobenzene was qualified as tentative identifications (*N*)
Calibration	Acceptable;	11 results were qualified as estimated (*J*) because the continuing calibration standard criteria was not met
Method blank	Acceptable	Control limits were met
Accuracy (bias or recovery)		
Surrogate compounds	Acceptable	Control limits were met
Matrix spike samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	Control limits were met
Precision	Acceptable	Control limits were met
Method reporting limits	Acceptable	1 result for 1,4-dichlorobenzene was restated as undetected (*U*) due to poor mass spectral match
Overall Assessment	**Acceptable**	**31 results qualified as estimated; no results rejected**

Notes: GC/MS - gas chromatography/mass spectrometry
TCLP - toxicity characteristic leaching procedure

Table B2-33. Summary of Quality Control Checks—Chlorinated Pesticides in TCLP Samples

Quality Control Check	Status	Comment
Completeness	100-percent complete	147 results reported: No results were rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using SW-846 Method 1311/8081A (TCLP extraction and GC analysis)
Instrument performance	Acceptable	Control limits were met
Calibration	Acceptable	Control limits were met
Method blank	Acceptable	Control limits were met
Accuracy (bias or recovery)		
Surrogate compounds	Acceptable	Control limits were met
Matrix spike samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	Control limits were met
Precision	Acceptable	Control limits were met
Method reporting limits	Acceptable	Data quality objectives were met
Overall Assessment	**Acceptable**	**1 result qualified as estimated; no results rejected**

Notes: GC - gas chromatography
TCLP - toxicity characteristic leaching procedure

Table B2-34. Summary of Quality Control Checks—Chlorphenoxy Herbicides in TCLP Samples

Quality Control Check	Status	Comment
Completeness	100-percent complete	42 results reported: no results were rejected
Holding times	Acceptable	22 results (11 samples) were qualified as estimated because holding times were exceeded
Analytical methods	Acceptable	Analyses conducted using SW-846 Method 1311/8151A (TCLP extraction and GC/ECD analysis)
Instrument performance	Acceptable	Control limits were met
Calibration	Acceptable	Control limits were met
Method blank	Acceptable	Control limits were met
Accuracy (bias or recovery)		
Surrogate compounds	Acceptable	Control limits were met
Matrix spike samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	Control limits were met
Precision	Acceptable	Control limits were met
Method reporting limits	Acceptable	Data quality objectives were met
Overall Assessment	**Acceptable**	**22 results qualified as estimated; no results rejected**

Notes: GC/ECD - gas chromatography/electron capture detection
TCLP - toxicity characteristic leaching procedure

Table B2-35. Summary of Quality Control Checks—Inorganics in TCLP Samples

Quality Control Check	Status	Comment
Completeness	100-percent complete	168 results reported: no results were rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using SW-846 Method 1311/6010B/7470A (TCLP extraction and ICP/CVAA analysis)
Instrument performance	Acceptable	Control limits were met
Calibration	Acceptable;	Control limits were met
Method blank	Acceptable	Control limits were met
Accuracy (bias or recovery)		
Matrix spike samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	Control limits were met
Precision	Acceptable	Control limits were met
Method reporting limits	Acceptable	Data quality objectives were met
Overall Assessment	**Acceptable**	**No data were qualified or rejected**

Note: ICP/CVAA - inductively coupled plasma/cold vapor atomic absorption spectrometry
TCLP - toxicity characteristic leaching procedure

Table B2-36. Field Duplicate Results for VOCs in Lake Bottom Sediments

	Station	S304			S308			S309			S310			S312		
	Date	7/21/2000			7/18/2000			7/20/2000			7/20/2000			7/20/2000		
	Depth (cm)	200 - 300			30 - 100			174 - 274			300 - 400			200 - 300		
	Duplicate Number	D1	D2		D1	D2		D1	D2		D1	D2		D1	D2	
	Sample Number	VC0027	VC0201		VC0057	VC0191		VC0066	VC0192		VC0076	VC0186		VC0091	VC0193	
Parameter	**Units**			**RPD**			**RPD**			**RPD**			**RPD**			**RPD**
Acetone	µg/kg-dw	48	49	2.1%	610 *J*	120 *J*	134.2%	1,000 *J*	7,700 *U*	-	580 *J*	6,600 *U*	-	7,100 *U*	7,400 *U*	consistent
Benzene	µg/kg-dw	32	26	20.7%	18	22	20.0%	3,600	3,000	18.2%	2,900	2,900	0.0%	2,200	1,400	44.4%
Bromodichloromethane	µg/kg-dw	11 *U*	11 *U*	consistent	15 *U*	15 *U*	consistent	76 *UJ*	1,900 *U*	consistent	66 *U*	1,700 *U*	consistent	1,800 *U*	1,800 *U*	consistent
Bromoform	µg/kg-dw	11 *U*	11 *U*	consistent	15 *U*	15 *U*	consistent	76 *UJ*	1,900 *U*	consistent	66 *U*	1,700 *U*	consistent	1,800 *U*	1,800 *U*	consistent
Bromomethane	µg/kg-dw	11 *UJ*	11 *UJ*	consistent	15 *UJ*	15 *UJ*	consistent	76 *UJ*	1,900 *U*	consistent	66 *UJ*	1,700 *U*	consistent	1,800 *U*	1,800 *U*	consistent
2-Butanone	µg/kg-dw	17	16	6.1%	140	170	19.4%	250 *J*	3,800 *U*	-	180	3,300 *U*	-	3,600 *U*	3,700 *U*	consistent
Carbon disulfide	µg/kg-dw	9.7	10	3.0%	30	52	53.7%	150 *UJ*	3,800 *U*	consistent	14	3,300 *U*	-	3,600 *U*	3,700 *U*	consistent
Carbon Tetrachloride	µg/kg-dw	11 *U*	11 *U*	consistent	15 *U*	15 *U*	consistent	76 *UJ*	1,900 *U*	consistent	66 *U*	1,700 *U*	consistent	1,800 *U*	1,800 *U*	consistent
Chlorobenzene	µg/kg-dw	68	45	40.7%	480	290	49.4%	2,800 *J*	1,800	43.5%	24,000	22,000	8.7%	5,100	1,700	100.0%
Chloroethane	µg/kg-dw	11 *U*	11 *U*	consistent	15 *U*	15 *U*	consistent	76 *UJ*	1,900 *U*	consistent	66 *U*	1,700 *U*	consistent	1,800 *U*	1,800 *U*	consistent
Chloroform	µg/kg-dw	11 *U*	11 *U*	consistent	15 *U*	15 *U*	consistent	76 *UJ*	1,900 *U*	consistent	66 *U*	1,700 *U*	consistent	1,800 *U*	1,800 *U*	consistent
Chloromethane	µg/kg-dw	11 *U*	11 *U*	consistent	15 *U*	15 *U*	consistent	76 *UJ*	1,900 *U*	consistent	66 *U*	1,700 *U*	consistent	1,800 *U*	1,800 *U*	consistent
Dibromochloromethane	µg/kg-dw	11 *U*	11 *U*	consistent	15 *U*	15 *U*	consistent	76 *UJ*	1,900 *U*	consistent	66 *U*	1,700 *U*	consistent	1,800 *U*	1,800 *U*	consistent
1,1-Dichloroethane	µg/kg-dw	11 *U*	11 *U*	consistent	15 *U*	15 *U*	consistent	76 *UJ*	1,900 *U*	consistent	66 *U*	1,700 *U*	consistent	1,800 *U*	1,800 *U*	consistent
1,2-Dichloroethane	µg/kg-dw	11 *U*	11 *U*	consistent	15 *U*	15 *U*	consistent	76 *UJ*	1,900 *U*	consistent	66 *U*	1,700 *U*	consistent	1,800 *U*	1,800 *U*	consistent
1,1-Dichloroethene	µg/kg-dw	11 *U*	11 *U*	consistent	15 *U*	15 *U*	consistent	76 *UJ*	1,900 *U*	consistent	66 *U*	1,700 *U*	consistent	1,800 *U*	1,800 *U*	consistent
cis-1,2-Dichloroethene	µg/kg-dw	3.2	3	6.5%	15 *U*	15 *U*	consistent	76 *UJ*	1,900 *U*	consistent	66 *U*	1,700 *U*	consistent	1,800 *U*	1,800 *U*	consistent
trans-1,2-Dichloroethene	µg/kg-dw	11 *U*	11 *U*	consistent	15 *U*	15 *U*	consistent	76 *UJ*	1,900 *U*	consistent	66 *U*	1,700 *U*	consistent	1,800 *U*	1,800 *U*	consistent
1,2-Dichloropropane	µg/kg-dw	11 *U*	11 *U*	consistent	15 *U*	15 *U*	consistent	76 *UJ*	1,900 *U*	consistent	66 *U*	1,700 *U*	consistent	1,800 *U*	1,800 *U*	consistent
cis-1,3-Dichloropropene	µg/kg-dw	11 *U*	11 *U*	consistent	15 *U*	15 *U*	consistent	76 *UJ*	1,900 *U*	consistent	66 *U*	1,700 *U*	consistent	1,800 *U*	1,800 *U*	consistent
trans-1,3-Dichloropropene	µg/kg-dw	11 *U*	11 *U*	consistent	15 *U*	15 *U*	consistent	76 *UJ*	1,900 *U*	consistent	66 *U*	1,700 *U*	consistent	1,800 *U*	1,800 *U*	consistent
Ethylbenzene	µg/kg-dw	140	100	33.3%	4.2	5.8	32.0%	2,700 *J*	1,700	45.5%	7,400	6,400	14.5%	3,400	1,300	89.4%
2-Hexanone	µg/kg-dw	23 *U*	21 *U*	consistent	30 *U*	30 *U*	consistent	150 *UJ*	3,800 *U*	consistent	130 *U*	3,300 *U*	consistent	3,600 *U*	3,700 *U*	consistent
4-Methyl-2-pentanone	µg/kg-dw	23 *U*	21 *U*	consistent	30 *U*	30 *U*	consistent	150 *UJ*	3,800 *U*	consistent	130 *U*	3,300 *U*	consistent	3,600 *U*	3,700 *U*	consistent
Methylene chloride	µg/kg-dw	11 *U*	11 *U*	consistent	15 *U*	15 *U*	consistent	76 *UJ*	1,900 *U*	consistent	66 *U*	1,700 *U*	consistent	1,800 *U*	1,800 *U*	consistent
Styrene	µg/kg-dw	11 *U*	11 *U*	consistent	15 *U*	15 *U*	consistent	76 *UJ*	1,900 *U*	consistent	7,400	1,700 *U*	inconsistent	1,800 *U*	1,800 *U*	consistent
1,1,2,2-Tetrachloroethane	µg/kg-dw	11 *U*	11 *U*	consistent	15 *U*	15 *U*	consistent	76 *UJ*	1,900 *U*	consistent	66 *U*	1,700 *U*	consistent	1,800 *U*	1,800 *U*	consistent
Tetrachloroethene	µg/kg-dw	11 *U*	11 *U*	consistent	15 *U*	15 *U*	consistent	76 *UJ*	1,900 *U*	consistent	66 *U*	1,700 *U*	consistent	1,800 *U*	1,800 *U*	consistent
Toluene	µg/kg-dw	25	21	17.4%	6.4	9.7	41.0%	18,000	11,000	48.3%	16,000	15,000	6.5%	2,800	1,400	66.7%
1,1,1-Trichloroethane	µg/kg-dw	11 *U*	11 *U*	consistent	15 *U*	15 *U*	consistent	76 *UJ*	1,900 *U*	consistent	66 *U*	1,700 *U*	consistent	1,800 *U*	1,800 *U*	consistent
1,1,2-Trichloroethane	µg/kg-dw	11 *U*	11 *U*	consistent	15 *U*	5.2	-	76 *UJ*	1,900 *U*	consistent	66 *U*	1,700 *U*	consistent	1,800 *U*	1,800 *U*	consistent
Trichloroethene	µg/kg-dw	11 *U*	11 *U*	consistent	15 *U*	15 *U*	consistent	76 *UJ*	1,900 *U*	consistent	66 *U*	1,700 *U*	consistent	1,800 *U*	1,800 *U*	consistent
Vinyl chloride	µg/kg-dw	11 *U*	11 *U*	consistent	15 *U*	15 *U*	consistent	76 *UJ*	1,900 *U*	consistent	66 *U*	1,700 *U*	consistent	1,800 *U*	1,800 *U*	consistent
m- and p- Xylenes	µg/kg-dw	2,900	2,000	36.7%	28	36	25.0%	42,000	25,000	50.7%	120,000	110,000	8.7%	31,000	11,000	95.2%
o-Xylene	µg/kg-dw	450	360	22.2%	91	130	35.3%	15,000	8,900	51.0%	40,000	35,000	13.3%	11,000	4,100	91.4%
Total Xylene	µg/kg-dw															

Table B2-36. (cont.)

	Station	S313			S314			S322			S324			S333		
	Date	7/18/2000			7/19/2000			7/13/2000			7/13/2000			8/2/2000		
	Depth (cm)	30 - 100			30 - 100			400 - 500			30 - 100			30 - 100		
	Duplicate Number	D1	D2		D1	D2		D1	D2		D1	D2		D1	D2	
	Sample Number	VC0097	VC0194		VC0105	VC0200		VC0173	VC0185		SB0001	SB0068		SB0041	SB0066	
Parameter	Units			RPD			RPD			RPD			RPD			RPD
Acetone	µg/kg-dw	260 *J*	4,800 *UJ*	-	240	290 *J*	18.9%	160	150	6.5%	9,100 *UR*	83 *J*	-	100 *J*	2 *U*	inconsistent
Benzene	µg/kg-dw	730	910	22.0%	,800	,700	27.7%	8.2 *U*	8.2 *U*	consistent	8,500 *J*	6,700 *J*	23.7%	520 *J*	1,200	79.1%
Bromodichloromethane	µg/kg-dw	46 *U*	9.5 *U*	consistent	51 *U*	10 *UJ*	consistent	8.2 *U*	8.2 *U*	consistent	2,300 *UJ*	25 *UJ*	consistent	16 *UJ*	18 *U*	consistent
Bromoform	µg/kg-dw	46 *U*	9.5 *U*	consistent	51 *U*	10 *UJ*	consistent	8.2 *U*	8.2 *U*	consistent	2,300 *UJ*	25 *UJ*	consistent	16 *UJ*	18 *UJ*	consistent
Bromomethane	µg/kg-dw	46 *UJ*	9.5 *UJ*	consistent	51 *UJ*	10 *UJ*	consistent	8.2 *U*	8.2 *U*	consistent	4,500 *UJ*	49 *UJ*	consistent	32 *UJ*	36 *U*	consistent
2-Butanone	µg/kg-dw	91	120	27.5%	99	86 *J*	14.1%	39	38	2.6%	9,100 *UR*	98 *UJ*	-	64 *UJ*	72 *UJ*	consistent
Carbon disulfide	µg/kg-dw	60	61	1.7%	110	63 *J*	54.3%	31	23	29.6%	2,300 *UJ*	25 *UJ*	consistent	18 *J*	9 *J*	66.7%
Carbon Tetrachloride	µg/kg-dw	46 *U*	9.5 *U*	consistent	51 *U*	10 *UJ*	consistent	8.2 *U*	8.2 *U*	consistent	2,300 *UJ*	25 *UJ*	consistent	16 *UJ*	18 *U*	consistent
Chlorobenzene	µg/kg-dw	4,000	5,000	6.9%	,000	,000	27.5%	8.2 *U*	8.2 *U*	consistent	2,300 *UJ*	19 *J*	-	16 *UJ*	18 *U*	consistent
Chloroethane	µg/kg-dw	46 *U*	9.5 *U*	consistent	51 *U*	10 *UJ*	consistent	8.2 *U*	8.2 *U*	consistent	4,500 *UJ*	49 *UJ*	consistent	32 *UJ*	36 *U*	consistent
Chloroform	µg/kg-dw	46 *U*	9.5 *U*	consistent	51 *U*	10 *UJ*	consistent	8.2 *U*	8.2 *U*	consistent	2,300 *UJ*	25 *UJ*	consistent	16 *UJ*	18 *U*	consistent
Chloromethane	µg/kg-dw	46 *U*	9.5 *U*	consistent	51 *U*	10 *UJ*	consistent	8.2 *U*	8.2 *U*	consistent	4,500 *UJ*	49 *UJ*	consistent	32 *UJ*	36 *U*	consistent
Dibromochloromethane	µg/kg-dw	46 *U*	9.5 *U*	consistent	51 *U*	10 *UJ*	consistent	8.2 *U*	8.2 *U*	consistent	2,300 *UJ*	25 *UR*	-	16 *UJ*	18 *UJ*	consistent
1,1-Dichloroethane	µg/kg-dw	46 *U*	2.7	-	51 *U*	10 *UJ*	consistent	8.2 *U*	8.2 *U*	consistent	2,300 *UJ*	25 *UJ*	consistent	16 *UJ*	18 *U*	consistent
1,2-Dichloroethane	µg/kg-dw	46 *U*	9.5 *U*	consistent	51 *U*	10 *UJ*	consistent	8.2 *U*	8.2 *U*	consistent	2,300 *UJ*	25 *UJ*	consistent	16 *UJ*	18 *U*	consistent
1,1-Dichloroethene	µg/kg-dw	46 *U*	9.5 *U*	consistent	51 *U*	10 *UJ*	consistent	8.2 *U*	8.2 *U*	consistent	2,300 *UJ*	25 *UJ*	consistent	16 *UJ*	18 *U*	consistent
cis-1,2-Dichloroethene	µg/kg-dw	11	10	9.5%	47	57 *J*	19.2%	8.2 *U*	8.2 *U*	consistent	2,300 *UJ*	25 *UJ*	consistent	16 *UJ*	18 *U*	consistent
trans-1,2-Dichloroethene	µg/kg-dw	46 *U*	2.7	-	51 *U*	2.9 *J*	-	8.2 *U*	8.2 *U*	consistent	2,300 *UJ*	25 *UJ*	consistent	16 *UJ*	18 *U*	consistent
1,2-Dichloropropane	µg/kg-dw	12	8	40.0%	51 *U*	10 *UJ*	consistent	8.2 *U*	8.2 *U*	consistent	2,300 *UJ*	25 *UJ*	consistent	16 *UJ*	18 *U*	consistent
cis-1,3-Dichloropropene	µg/kg-dw	46 *U*	9.5 *U*	consistent	51 *U*	10 *UJ*	consistent	8.2 *U*	8.2 *U*	consistent	2,300 *UJ*	25 *UJ*	consistent	16 *UJ*	18 *U*	consistent
trans-1,3-Dichloropropene	µg/kg-dw	46 *U*	9.5 *U*	consistent	51 *U*	10 *UJ*	consistent	8.2 *U*	8.2 *U*	consistent	2,300 *UJ*	25 *UR*	-	16 *UJ*	18 *U*	consistent
Ethylbenzene	µg/kg-dw	2,200	2,500	12.8%	,400	,500	27.8%	8.2 *U*	8.2 *U*	consistent	120 *J*	49 *J*	84.0%	13 *J*	18 *U*	-
2-Hexanone	µg/kg-dw	91 *U*	19 *U*	consistent	100 *U*	20 *UJ*	consistent	16 *U*	16 *U*	consistent	4,500 *UJ*	49 *UJ*	consistent	32 *UJ*	36 *UJ*	consistent
4-Methyl-2-pentanone	µg/kg-dw	91 *U*	19 *U*	consistent	100 *U*	20 *UJ*	consistent	16 *U*	16 *U*	consistent	4,500 *UJ*	49 *UJ*	consistent	32 *UJ*	36 *UJ*	consistent
Methylene chloride	µg/kg-dw	46 *U*	9.5 *U*	consistent	51 *U*	10 *UJ*	consistent	8.2 *U*	8.2 *U*	consistent	4,500 *UJ*	49 *UJ*	consistent	17 *J*	8 *U*	inconsistent
Styrene	µg/kg-dw	46 *U*	9.5 *U*	consistent	51 *U*	10 *UJ*	consistent	8.2 *U*	8.2 *U*	consistent	2,300 *UJ*	25 *UJ*	consistent	16 *UR*	18 *UR*	-
1,1,2,2-Tetrachloroethane	µg/kg-dw	46 *U*	9.5 *U*	consistent	51 *U*	10 *UJ*	consistent	8.2 *U*	8.2 *U*	consistent	2,300 *UJ*	25 *UJ*	consistent	16 *UJ*	18 *UJ*	consistent
Tetrachloroethene	µg/kg-dw	46 *U*	9.5 *U*	consistent	51 *U*	10 *UJ*	consistent	8.2 *U*	8.2 *U*	consistent	2,300 *UJ*	25 *UJ*	consistent	16 *UJ*	18 *U*	consistent
Toluene	µg/kg-dw	1,600	2,700	51.2%	,000	,000	33.3%	8.2 *U*	8.2 *U*	consistent	4,300 *J*	3,600 *J*	17.7%	16 *UJ*	18 *U*	consistent
1,1,1-Trichloroethane	µg/kg-dw	46 *U*	17	-	51 *U*	10 *UJ*	consistent	8.2 *U*	8.2 *U*	consistent	2,300 *UJ*	25 *UJ*	consistent	16 *UJ*	18 *U*	consistent
1,1,2-Trichloroethane	µg/kg-dw	46 *U*	9.5 *U*	consistent	51 *U*	10 *UJ*	consistent	8.2 *U*	8.2 *U*	consistent	2,300 *UJ*	25 *UJ*	consistent	16 *UJ*	18 *U*	consistent
Trichloroethene	µg/kg-dw	46 *U*	9.5 *U*	consistent	51 *U*	10 *UJ*	consistent	8.2 *U*	8.2 *U*	consistent	2,300 *UJ*	25 *UJ*	consistent	16 *UJ*	18 *U*	consistent
Vinyl chloride	µg/kg-dw	46 *U*	13	-	51 *U*	4.1 *J*	-	8.2 *U*	8.2 *U*	consistent	4,500 *UJ*	49 *UJ*	consistent	32 *UJ*	36 *U*	consistent
m- and p- Xylenes	µg/kg-dw	8,200	9,100	10.4%	,000	,000	32.1%	8.2 *U*	8.2 *U*	consistent						
o-Xylene	µg/kg-dw	2,700	3,000	10.5%	,300	,000	33.2%	8.2 *U*	8.2 *U*	consistent						
Total Xylene	µg/kg-dw										1,400 *J*	780 *J*	56.9%	17 *J*	18 *U*	-

Table B2-36. (cont.)

	Station	S335			S340			S343			S344			S350		
	Date	8/2/2000			8/15/2000			8/4/2000			7/27/2000			8/5/2000		
	Depth (cm)	100 - 190			0 - 2			30 - 100			30 - 100			92 - 200		
	Duplicate Number	D1	D2		D1	D2		D1	D2		D1	D2		D1	D2	
	Sample Number	SB0024	SB0065		SF0123	SF0123_R		SB0039	SF0167		SB0019	SB0070		SB0054	SB0067	
Parameter	**Units**			**RPD**			**RPD**			**RPD**			**RPD**			**RPD**
Acetone	µg/kg-dw	,000 *UR*	,000 *UR*	-	170 *UJ*	2,100 *UR*	-	22,000 *UR*	22,000 *UR*	-	98 *U*	93 *U*	consistent	170	9,600 *UR*	-
Benzene	µg/kg-dw	,000 *J*	,000	39.1%	12 *J*	320 *J*	185.5%	9,400 *J*	5,000 *J*	61.1%	2,400 *J*	1,900 *J*	23.3%	370 *J*	330 *J*	11.4%
Bromodichloromethane	µg/kg-dw	,000 *UJ*	,000 *U*	consistent	17 *UJ*	530 *UJ*	consistent	5,400 *UJ*	5,400 *UJ*	consistent	25 *U*	23 *U*	consistent	25 *U*	2,400 *U*	consistent
Bromoform	µg/kg-dw	,000 *UJ*	,000 *U*	consistent	17 *UJ*	530 *UJ*	consistent	5,400 *UJ*	5,400 *UJ*	consistent	25 *U*	23 *U*	consistent	25 *U*	2,400 *U*	consistent
Bromomethane	µg/kg-dw	,000 *UJ*	,000 *U*	consistent	33 *UJ*	1,100 *UJ*	consistent	11,000 *UJ*	11,000 *UJ*	consistent	49 *U*	46 *U*	consistent	50 *U*	4,800 *U*	consistent
2-Butanone	µg/kg-dw	,000 *UR*	,000 *UR*	-	33 *J*	2,100 *UR*	-	22,000 *UJ*	22,000 *UJ*	consistent	98 *U*	93 *U*	consistent	100 *U*	9,600 *UR*	-
Carbon disulfide	µg/kg-dw	,000 *UJ*	,000 *UJ*	consistent	15 *J*	530 *UJ*	-	2,900 *J*	2,900 *J*	0.0%	13 *J*	18 *J*	32.3%	8 *J*	2,400 *U*	-
Carbon Tetrachloride	µg/kg-dw	,000 *UJ*	,000 *U*	consistent	17 *UJ*	530 *UJ*	consistent	5,400 *UJ*	5,400 *UJ*	consistent	25 *U*	23 *U*	consistent	25 *UJ*	2,400 *U*	consistent
Chlorobenzene	µg/kg-dw	,000	,000	4.9%	140 *J*	2,400 *J*	178.0%	36,000 *J*	14,000 *J*	88.0%	46,000	64,000	32.7%	510	380 *J*	29.2%
Chloroethane	µg/kg-dw	,000 *UJ*	,000 *U*	consistent	33 *UJ*	1,100 *UJ*	consistent	11,000 *UJ*	11,000 *UJ*	consistent	49 *U*	46 *U*	consistent	50 *U*	4,800 *U*	consistent
Chloroform	µg/kg-dw	,000 *UJ*	,000 *U*	consistent	17 *UJ*	530 *UJ*	consistent	5,400 *UJ*	5,400 *UJ*	consistent	25 *U*	23 *U*	consistent	25 *U*	2,400 *U*	consistent
Chloromethane	µg/kg-dw	,000 *UJ*	,000 *U*	consistent	33 *UJ*	1,100 *UJ*	consistent	11,000 *UJ*	11,000 *UJ*	consistent	49 *U*	46 *U*	consistent	50 *U*	4,800 *U*	consistent
Dibromochloromethane	µg/kg-dw	,000 *UJ*	,000 *U*	consistent	17 *UJ*	530 *UJ*	consistent	5,400 *UJ*	5,400 *UJ*	consistent	25 *U*	23 *U*	consistent	25 *U*	2,400 *U*	consistent
1,1-Dichloroethane	µg/kg-dw	,000 *UJ*	,000 *U*	consistent	17 *UJ*	530 *UJ*	consistent	5,400 *UJ*	5,400 *UJ*	consistent	25 *U*	23 *U*	consistent	25 *U*	2,400 *U*	consistent
1,2-Dichloroethane	µg/kg-dw	,000 *UJ*	,000 *U*	consistent	11 *J*	530 *UJ*	-	5,400 *UJ*	5,400 *UJ*	consistent	25 *U*	23 *U*	consistent	25 *U*	2,400 *U*	consistent
1,1-Dichloroethene	µg/kg-dw	,000 *UJ*	,000 *U*	consistent	17 *UJ*	530 *UJ*	consistent	5,400 *UJ*	5,400 *UJ*	consistent	25 *U*	23 *U*	consistent	25 *U*	2,400 *U*	consistent
cis-1,2-Dichloroethene	µg/kg-dw	,000 *UJ*	,000 *U*	consistent	17 *UJ*	530 *UJ*	consistent	5,400 *UJ*	5,400 *UJ*	consistent	25 *U*	6 *J*	-	10 *J*	2,400 *U*	-
trans-1,2-Dichloroethene	µg/kg-dw	,000 *UJ*	,000 *U*	consistent	17 *UJ*	530 *UJ*	consistent	5,400 *UJ*	5,400 *UJ*	consistent	25 *U*	23 *U*	consistent	25 *U*	2,400 *U*	consistent
1,2-Dichloropropane	µg/kg-dw	,000 *UJ*	,000 *U*	consistent	17 *UJ*	530 *UJ*	consistent	5,400 *UJ*	5,400 *UJ*	consistent	25 *U*	23 *U*	consistent	25 *U*	2,400 *U*	consistent
cis-1,3-Dichloropropene	µg/kg-dw	,000 *UJ*	,000 *U*	consistent	17 *UJ*	530 *UJ*	consistent	5,400 *UJ*	5,400 *UJ*	consistent	25 *U*	23 *U*	consistent	25 *U*	2,400 *U*	consistent
trans-1,3-Dichloropropene	µg/kg-dw	,000 *UR*	,000 *U*	-	17 *UJ*	530 *UJ*	consistent	5,400 *UJ*	5,400 *UJ*	consistent	25 *U*	23 *U*	consistent	25 *U*	2,400 *U*	consistent
Ethylbenzene	µg/kg-dw	,000 *UJ*	,000 *U*	consistent	17 *J*	840 *J*	192.1%	6,600 *J*	2,600 *J*	87.0%	1,600 *J*	1,700 *J*	6.1%	950 *J*	680 *J*	33.1%
2-Hexanone	µg/kg-dw	,000 *UJ*	,000 *U*	consistent	33 *UJ*	1,100 *UJ*	consistent	11,000 *UJ*	11,000 *UJ*	consistent	49 *U*	46 *U*	consistent	50 *U*	4,800 *U*	consistent
4-Methyl-2-pentanone	µg/kg-dw	,000 *UJ*	,000 *U*	consistent	33 *UJ*	1,100 *UJ*	consistent	11,000 *UJ*	11,000 *UJ*	consistent	49 *U*	46 *U*	consistent	50 *U*	4,800 *U*	consistent
Methylene chloride	µg/kg-dw	,000 *UJ*	,000 *U*	consistent	29 *J*	1,100 *UJ*	-	6,000 *J*	6,000 *J*	0.0%	25 *U*	23 *U*	consistent	25 *U*	4,800 *U*	consistent
Styrene	µg/kg-dw	,000 *UJ*	,000 *U*	consistent	18 *J*	1,600 *J*	195.6%	2,900 *J*	1,700 *J*	52.2%	6,000 *J*	5,100 *J*	16.2%	170 *J*	2,400 *U*	-
1,1,2,2-Tetrachloroethane	µg/kg-dw	,000 *UJ*	,000 *U*	consistent	17 *UJ*	530 *UJ*	consistent	5,400 *UJ*	5,400 *UJ*	consistent	25 *U*	23 *U*	consistent	25 *U*	2,400 *U*	consistent
Tetrachloroethene	µg/kg-dw	,000 *UJ*	,000 *U*	consistent	17 *UJ*	530 *UJ*	consistent	5,400 *UJ*	5,400 *UJ*	consistent	25 *U*	23 *U*	consistent	25 *U*	2,400 *U*	consistent
Toluene	µg/kg-dw	,100 *J*	,000 *J*	9.5%	23 *J*	1,500 *J*	194.0%	15,000 *J*	6,900 *J*	74.0%	3,400	3,300 *J*	3.0%	490 *J*	370 *J*	27.9%
1,1,1-Trichloroethane	µg/kg-dw	,000 *UJ*	,000 *U*	consistent	17 *UJ*	530 *UJ*	consistent	5,400 *UJ*	5,400 *UJ*	consistent	25 *U*	23 *U*	consistent	25 *U*	2,400 *U*	consistent
1,1,2-Trichloroethane	µg/kg-dw	,000 *UJ*	,000 *U*	consistent	17 *UJ*	530 *UJ*	consistent	5,400 *UJ*	5,400 *UJ*	consistent	25 *U*	23 *U*	consistent	25 *U*	2,400 *U*	consistent
Trichloroethene	µg/kg-dw	,000 *UJ*	,000 *U*	consistent	17 *UJ*	530 *UJ*	consistent	5,400 *UJ*	5,400 *UJ*	consistent	25 *U*	23 *U*	consistent	25 *U*	2,400 *U*	consistent
Vinyl chloride	µg/kg-dw	,000 *UJ*	,000 *U*	consistent	33 *UJ*	1,100 *UJ*	consistent	11,000 *UJ*	11,000 *UJ*	consistent	49 *U*	46 *U*	consistent	50 *U*	4,800 *U*	consistent
m- and p- Xylenes	µg/kg-dw															
o-Xylene	µg/kg-dw															
Total Xylene	µg/kg-dw	,000 *UJ*	,000 *U*	consistent	200 *J*	22,000 *J*	196.4%	160,000 *J*	68,000 *J*	80.7%	30,000	27,000	10.5%	6,100	4,000	41.6%

Table B2-36. (cont.)

Station		S354			S361			S363		
Date		8/13/2000			8/15/2000			8/15/2000		
Depth (cm)		100 - 200			0 - 15			2 - 15		
Duplicate Number		D1	D2		D1	D2		D1	D2	
Sample Number		SB0062	SB0069		SF0013	SF0163		SF0018	SF0175	
Parameter	**Units**			**RPD**			**RPD**			**RPD**
Acetone	µg/kg-dw	2,800 *UR*	14,000 *UR*	-	20 *U*	20 *U*	consistent	5,000 *UJ*	4,900 *UJ*	consistent
Benzene	µg/kg-dw	680	790	15.0%	9 *U*	9 *U*	consistent	1,200	950	23.3%
Bromodichloromethane	µg/kg-dw	690 *U*	3,500 *U*	consistent	9 *U*	9 *U*	consistent	1,200 *U*	1,200 *U*	consistent
Bromoform	µg/kg-dw	690 *U*	3,500 *U*	consistent	9 *U*	9 *U*	consistent	1,200 *U*	1,200 *U*	consistent
Bromomethane	µg/kg-dw	1,400 *U*	6,900 *U*	consistent	9 *U*	9 *U*	consistent	1,200 *UJ*	1,200 *UJ*	consistent
2-Butanone	µg/kg-dw	2,800 *UR*	14,000 *UR*	-	18 *U*	2.9	-	2,500 *UJ*	2,500 *UJ*	consistent
Carbon disulfide	µg/kg-dw	690 *U*	3,500 *U*	consistent	18 *U*	18 *U*	consistent	2,500 *U*	2,500 *U*	consistent
Carbon Tetrachloride	µg/kg-dw	690 *U*	3,500 *U*	consistent	9 *U*	9 *U*	consistent	1,200 *U*	1,200 *U*	consistent
Chlorobenzene	µg/kg-dw	4,700	6,400	30.6%	9 *U*	9 *U*	consistent	1,200 *U*	1,200 *U*	consistent
Chloroethane	µg/kg-dw	1,400 *U*	6,900 *U*	consistent	9 *U*	9 *U*	consistent	1,200 *U*	1,200 *U*	consistent
Chloroform	µg/kg-dw	690 *U*	3,500 *U*	consistent	9 *U*	9 *U*	consistent	1,200 *U*	1,200 *U*	consistent
Chloromethane	µg/kg-dw	1,400 *U*	6,900 *U*	consistent	9 *U*	9 *U*	consistent	1,200 *U*	1,200 *U*	consistent
Dibromochloromethane	µg/kg-dw	690 *U*	3,500 *U*	consistent	9 *U*	9 *U*	consistent	1,200 *U*	1,200 *U*	consistent
1,1-Dichloroethane	µg/kg-dw	690 *U*	3,500 *U*	consistent	9	9	0.0%	1,200	1,200	0.0%
1,2-Dichloroethane	µg/kg-dw	690 *U*	3,500 *U*	consistent	9 *U*	9 *U*	consistent	1,200 *U*	1,200 *U*	consistent
1,1-Dichloroethene	µg/kg-dw	690 *U*	3,500 *U*	consistent	9 *U*	9 *U*	consistent	1,200 *U*	1,200 *U*	consistent
cis-1,2-Dichloroethene	µg/kg-dw	690 *U*	3,500 *U*	consistent	9 *U*	9 *U*	consistent	1,200 *U*	1,200 *U*	consistent
trans-1,2-Dichloroethene	µg/kg-dw	690 *U*	3,500 *U*	consistent	9 *U*	9 *U*	consistent	1,200 *U*	1,200 *U*	consistent
1,2-Dichloropropane	µg/kg-dw	690 *U*	3,500 *U*	consistent	9 *U*	9 *U*	consistent	1,200 *U*	1,200 *U*	consistent
cis-1,3-Dichloropropene	µg/kg-dw	690 *U*	3,500 *U*	consistent	9 *U*	9 *U*	consistent	1,200 *U*	1,200 *U*	consistent
trans-1,3-Dichloropropene	µg/kg-dw	690 *U*	3,500 *U*	consistent	9 *U*	9 *U*	consistent	1,200 *U*	1,200 *U*	consistent
Ethylbenzene	µg/kg-dw	1,600	2,000	22.2%	9 *U*	9 *U*	consistent	1,100	1,100	0.0%
2-Hexanone	µg/kg-dw	1,400 *U*	6,900 *U*	consistent	18 *U*	18 *U*	consistent	2,500 *UJ*	2,500 *UJ*	consistent
4-Methyl-2-pentanone	µg/kg-dw	1,400 *U*	6,900 *U*	consistent	18 *U*	18 *U*	consistent	2,500 *UJ*	2,500 *UJ*	consistent
Methylene chloride	µg/kg-dw	1,400 *U*	6,900 *U*	consistent	9 *U*	9 *U*	consistent	1,200 *U*	1,200 *U*	consistent
Styrene	µg/kg-dw	1,200	1,100	8.7%	9 *U*	9 *U*	consistent	1,200 *U*	1,200 *U*	consistent
1,1,2,2-Tetrachloroethane	µg/kg-dw	690 *U*	3,500 *U*	consistent	9 *U*	9 *U*	consistent	1,200 *UJ*	1,200 *UJ*	consistent
Tetrachloroethene	µg/kg-dw	690 *U*	3,500 *U*	consistent	9 *U*	9 *U*	consistent	1,200 *U*	1,200 *U*	consistent
Toluene	µg/kg-dw	1,600	1,600	0.0%	9 *U*	9 *U*	consistent	8,100	7,900	2.5%
1,1,1-Trichloroethane	µg/kg-dw	690 *U*	3,500 *U*	consistent	9 *U*	9 *U*	consistent	1,200 *U*	1,200 *U*	consistent
1,1,2-Trichloroethane	µg/kg-dw	690 *U*	3,500 *U*	consistent	9 *U*	9 *U*	consistent	1,200 *U*	1,200 *U*	consistent
Trichloroethene	µg/kg-dw	690 *U*	3,500 *U*	consistent	9 *U*	9 *U*	consistent	1,200 *U*	1,200 *U*	consistent
Vinyl chloride	µg/kg-dw	1,400 *U*	6,900 *U*	consistent	9 *U*	9 *U*	consistent	1,200 *U*	1,200 *U*	consistent
m- and p- Xylenes	µg/kg-dw				9 *U*	9 *U*	consistent	22,000	24,000	8.7%
o-Xylene	µg/kg-dw				9 *U*	9 *U*	consistent	5,800	5,900	1.7%
Total Xylene	µg/kg-dw	31,000	31,000	0.0%						

Table B2-37. Field Duplicate Results for SVOCs in Lake Bottom Sediments

	Station	S301			S303			S304			S306			S308		
	Date	7/22/2000			7/22/2000			7/21/2000			7/21/2000			7/18/2000		
	Depth (cm)	56 - 156			300 - 400			200 - 300			500 - 600			30 - 100		
	Duplicate Number	D1	D2		D1	D2		D1	D2		D1	D2		D1	D2	
	Sample Number	VC0002	VC0195		VC0020	VC0198		VC0027	VC0201		VC0046	VC0199		VC0057	VC0191	
Parameter	**Units**			**RPD**			**RPD**			**RPD**			**RPD**			**RPD**
Acenaphthene	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	260	240	8.0%
Acenaphthylene	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	340	270	23.0%
Anthracene	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	490	680 *J*	32.5%
Benz(a)anthracene	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	97 *J*	inconsistent	61 *UJ*	61 *UJ*	consistent	880	820	7.1%
Benzo(a)pyrene	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	810	760	6.4%
Benzo(b)fluoranthene	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	99 *J*	inconsistent	61 *UJ*	61 *UJ*	consistent	720	690	4.3%
Benzo(g,h,i)perylene	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	610	580	5.0%
Benzo(k)fluoranthene	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	98 *J*	inconsistent	61 *UJ*	61 *UJ*	consistent	670	670	0.0%
Benzyl Alcohol	µg/kg-dw	300 *U*	310 *UJ*	consistent	340 *UJ*	340 *UJ*	consistent	330 *UJ*	330 *UJ*	consistent	310 *UJ*	310 *UJ*	consistent	530 *U*	530 *U*	consistent
Bis(2-chloroethoxy)methane	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	100 *U*	100 *U*	consistent
Bis(2-chloroethyl)ether	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	100 *U*	100 *U*	consistent
Bis(2-ethylhexyl)phthalate	µg/kg-dw	290	300 *U*	-	66 *UJ*	66 *UJ*	consistent	120 *J*	360 *J*	100.0%	61 *UJ*	61 *UJ*	consistent	1,000 *J*	870	13.9%
4-Bromophenyl-phenyl ether	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	100 *U*	100 *U*	consistent
Butylbenzylphthalate	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	100 *U*	100 *U*	consistent
Carbazole	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	100 *U*	100 *U*	consistent
4-Chloro-3-methylphenol	µg/kg-dw	300 *U*	310 *U*	consistent	340 *UJ*	340 *UJ*	consistent	330 *UJ*	330 *UJ*	consistent	310 *UJ*	310 *UJ*	consistent	530 *U*	530 *U*	consistent
4-Chloroaniline	µg/kg-dw	59 *UR*	60 *UR*	-	66 *UJ*	66 *UR*	-	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	100 *UJ*	100 *UJ*	consistent
2-Chloronaphthalene	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	100 *U*	100 *U*	consistent
2-Chlorophenol	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	100 *U*	100 *U*	consistent
4-Chlorophenyl-phenyl ether	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	100 *U*	100 *U*	consistent
Chrysene	µg/kg-dw	69	64 *J*	7.5%	66 *UJ*	66 *UJ*	consistent	64 *UJ*	160 *J*	inconsistent	61 *UJ*	61 *UJ*	consistent	1,100	1,100	0.0%
Dibenz(a,h)anthracene	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	230	280	19.6%
Dibenzofuran	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	170	200	16.2%
1,2-Dichlorobenzene	µg/kg-dw	110	130 *J*	16.7%	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	110	86 *J*	24.5%
1,3-Dichlorobenzene	µg/kg-dw	59 *U*	67 *J*	inconsistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	170 *J*	inconsistent	61 *UJ*	61 *UJ*	consistent	92 *J*	71 *J*	25.8%
1,4-Dichlorobenzene	µg/kg-dw	59 *U*	64 *J*	inconsistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	560	460	19.6%
3,3-Dichlorobenzidine	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	100 *U*	100 *U*	consistent
2,4-Dichlorophenol	µg/kg-dw	300 *U*	310 *U*	consistent	340 *UJ*	340 *UJ*	consistent	330 *UJ*	330 *UJ*	consistent	310 *UJ*	310 *UJ*	consistent	530 *U*	530 *U*	consistent
Diethylphthalate	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	100 *U*	100 *U*	consistent
2,4-Dimethylphenol	µg/kg-dw	300 *UJ*	310 *UJ*	consistent	340 *UJ*	340 *UJ*	consistent	330 *UJ*	330 *UJ*	consistent	310 *UJ*	310 *UJ*	consistent	530 *U*	530 *U*	consistent
Dimethylphthalate	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	100 *U*	100 *U*	consistent
Di-n-butylphthalate	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	210 *U*	100 *U*	consistent
2,4-Dinitrophenol	µg/kg-dw	1,500 *U*	1,500 *UJ*	consistent	1,700 *UJ*	1,700 *UJ*	consistent	1,600 *UJ*	1,700 *UJ*	consistent	1,600 *UJ*	1,600 *UJ*	consistent	330 *J*	2,700 *UJ*	-
2,4-Dinitrotoluene	µg/kg-dw	300 *U*	310 *U*	consistent	340 *UJ*	340 *UJ*	consistent	330 *UJ*	330 *UJ*	consistent	310 *UJ*	310 *UJ*	consistent	530 *U*	530 *U*	consistent

Table B2-37. (cont.)

	Station	S301			S303			S304			S306			S308		
	Date	7/22/2000			7/22/2000			7/21/2000			7/21/2000			7/18/2000		
	Depth (cm)	56 - 156			300 - 400			200 - 300			500 - 600			30 - 100		
	Idepth	156			400			300			600			100		
	Duplicate Number	D1	D2		D1	D2		D1	D2		D1	D2		D1	D2	
	Sample Number	VC0002	VC0195		VC0020	VC0198		VC0027	VC0201		VC0046	VC0199		VC0057	VC0191	
Parameter	Units			RPD			RPD			RPD			RPD			RPD
2,6-Dinitrotoluene	µg/kg-dw	300 *U*	310 *U*	consistent	340 *UJ*	340 *UJ*	consistent	330 *UJ*	330 *UJ*	consistent	310 *UJ*	310 *UJ*	consistent	530 *U*	530 *U*	consistent
Di-n-octylphthalate	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	100 *U*	100 *U*	consistent
Fluoranthene	µg/kg-dw	120	120 *J*	0.0%	66 *UJ*	66 *UJ*	consistent	65 *J*	340 *J*	135.8%	61 *UJ*	61 *UJ*	consistent	2,300	2,300	0.0%
Fluorene	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	400	370	7.8%
Hexachlorobenzene	µg/kg-dw	91	110 *J*	18.9%	66 *UJ*	66 *UJ*	consistent	400 *J*	1,600 *J*	120.0%	61 *UJ*	61 *UJ*	consistent	100 *U*	100 *U*	consistent
Hexachlorobenzene (GC/ECD)	µg/kg-dw	226 *J*	356	44.7%	1 *U*	1.24	inconsistent	1,640 *J*	1,880 *J*	13.6%	1 *UJ*	1 *UJ*	consistent	5.04 *J*	4.51 *J*	11.1%
Hexachlorobutadiene	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	100 *U*	100 *U*	consistent
Hexachlorocyclopentadiene	µg/kg-dw	300 *U*	310 *UJ*	consistent	340 *UJ*	340 *UJ*	consistent	330 *UJ*	330 *UJ*	consistent	310 *UJ*	310 *UJ*	consistent	530 *U*	530 *UJ*	consistent
Hexachloroethane	µg/kg-dw	59 *U*	60 *UJ*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	100 *U*	100 *U*	consistent
Indeno(1,2,3-cd)pyrene	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	530	500	5.8%
Isophorone	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	100 *U*	100 *U*	consistent
2-Methyl-4,6-dinitrophenol	µg/kg-dw	1,500 *U*	1,500 *U*	consistent	1,700 *UJ*	1,700 *UJ*	consistent	1,600 *UJ*	1,700 *UJ*	consistent	1,600 *UJ*	1,600 *UJ*	consistent	2,600 *U*	2,700 *U*	consistent
2-Methylnaphthalene	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	520	520	0.0%
2-Methylphenol	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	100 *U*	100 *U*	consistent
4-Methylphenol	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	110 *J*	inconsistent	61 *UJ*	61 *UJ*	consistent	100 *U*	100 *U*	consistent
Naphthalene	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	630	630	0.0%
2-Nitroaniline	µg/kg-dw	120 *U*	120 *U*	consistent	130 *UJ*	130 *UJ*	consistent	130 *UJ*	130 *UJ*	consistent	120 *UJ*	120 *UJ*	consistent	210 *U*	210 *U*	consistent
3-Nitroaniline	µg/kg-dw	1,500 *U*	1,500 *UR*	-	1,700 *UJ*	1,700 *UR*	-	1,600 *UJ*	1,700 *UJ*	consistent	1,600 *UJ*	1600 *UJ*	consistent	2,600 *UJ*	2,700 *UJ*	consistent
4-Nitroaniline	µg/kg-dw	1,500 *UJ*	1,500 *UJ*	consistent	1,700 *UJ*	1,700 *UJ*	consistent	1,600 *UJ*	1,700 *UJ*	consistent	1,600 *UJ*	1,600 *UJ*	consistent	2,600 *U*	2,700 *U*	consistent
Nitrobenzene	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	100 *U*	100 *U*	consistent
2-Nitrophenol	µg/kg-dw	300 *U*	310 *U*	consistent	340 *UJ*	340 *UJ*	consistent	330 *UJ*	330 *UJ*	consistent	310 *UJ*	310 *UJ*	consistent	530 *U*	530 *U*	consistent
4-Nitrophenol	µg/kg-dw	1,500 *U*	1,500 *U*	consistent	1,700 *UJ*	1,700 *UJ*	consistent	1,600 *UJ*	1,700 *UJ*	consistent	1,600 *UJ*	1,600 *UJ*	consistent	2,600 *U*	2,700 *U*	consistent
N-Nitrosodimethylamine	µg/kg-dw	300 *U*	310 *UJ*	consistent	340 *UJ*	340 *UJ*	consistent	330 *UJ*	330 *UJ*	consistent	310 *UJ*	310 *UJ*	consistent	530 *U*	530 *U*	consistent
N-Nitroso-di-n-propylamine	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	100 *U*	100 *U*	consistent
N-Nitrosodiphenylamine	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	100 *U*	100 *U*	consistent
2,2'-Oxybis(1-chloropropane)	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	100 *UJ*	100 *UJ*	consistent
Pentachlorophenol	µg/kg-dw	1,500 *U*	1,500 *U*	consistent	1,700 *UJ*	1,700 *UJ*	consistent	1,600 *UJ*	1,700 *UJ*	consistent	1,600 *UJ*	1,600 *UJ*	consistent	2,600 *U*	2,700 *U*	consistent
Phenanthrene	µg/kg-dw	67	70 *J*	4.4%	66 *UJ*	66 *UJ*	consistent	64 *UJ*	260 *J*	inconsistent	61 *UJ*	61 *UJ*	consistent	1,800	1,700	5.7%
Phenol	µg/kg-dw	59 *U*	60 *U*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	100 *U*	100 *U*	consistent
Pyrene	µg/kg-dw	110	97 *J*	12.6%	66 *UJ*	66 *UJ*	consistent	83 *J*	290 *J*	111.0%	61 *UJ*	61 *UJ*	consistent	2,100	2,000	4.9%
1,2,4-Trichlorobenzene	µg/kg-dw	59 *U*	60 *UJ*	consistent	66 *UJ*	66 *UJ*	consistent	64 *UJ*	64 *UJ*	consistent	61 *UJ*	61 *UJ*	consistent	100 *U*	100 *U*	consistent
2,4,5-Trichlorophenol	µg/kg-dw	300 *U*	310 *U*	consistent	340 *UJ*	340 *UJ*	consistent	330 *UJ*	330 *UJ*	consistent	310 *UJ*	310 *UJ*	consistent	530 *U*	530 *U*	consistent
2,4,6-Trichlorophenol	µg/kg-dw	300 *U*	310 *U*	consistent	340 *UJ*	340 *UJ*	consistent	330 *UJ*	330 *UJ*	consistent	310 *UJ*	310 *UJ*	consistent	530 *U*	530 *U*	consistent

Table B2-37. (cont.)

	Station	S309			S310			S312			S313			S314		
	Date	7/20/2000			7/20/2000			7/20/2000			7/18/2000			7/19/2000		
	Depth (cm)	174 - 274			300 - 400			200 - 300			30 - 100			30 - 100		
	Duplicate Number	D1	D2		D1	D2		D1	D2		D1	D2		D1	D2	
	Sample Number	VC0066	VC0192		VC0076	VC0186		VC0091	VC0193		VC0097	VC0194		VC0105	VC0200	
Parameter	**Units**			**RPD**			**RPD**			**RPD**			**RPD**			**RPD**
Acenaphthene	µg/kg-dw	6,600	4,300	42.2%	660	2,500 *U*	-	1,800 *U*	2,800 *U*	consistent	5,300	4,900	7.8%	1,300 *U*	990 *U*	consistent
Acenaphthylene	µg/kg-dw	1,900 *U*	1,300	-	2,600	1,500	53.7%	1,800 *U*	2,800 *U*	consistent	790 *J*	960	19.4%	1,300 *U*	9,200	inconsistent
Anthracene	µg/kg-dw	4,600	3,100	39.0%	900	2,500 *U*	-	1,800 *U*	1,700	-	3,600	3,000	18.2%	1,300 *U*	990 *U*	consistent
Benz(a)anthracene	µg/kg-dw	2,700	1,700	45.5%	450	2,500 *U*	-	1,800 *U*	2,800 *U*	consistent	2,900	2,400	18.9%	830 *J*	790 *J*	4.9%
Benzo(a)pyrene	µg/kg-dw	1,500	1,100	30.8%	850 *U*	2,500 *U*	consistent	1,800 *U*	2,800 *U*	consistent	2,200	1,800	20.0%	1,300 *U*	990 *U*	consistent
Benzo(b)fluoranthene	µg/kg-dw	1,700	2,000 *U*	-	850 *U*	2,500 *U*	consistent	1,800 *U*	2,800 *U*	consistent	1,600	1,500	6.5%	1,300 *U*	990 *U*	consistent
Benzo(g,h,i)perylene	µg/kg-dw	1,900 *U*	2,000 *U*	consistent	850 *U*	2,500 *U*	consistent	1,800 *U*	2,800 *U*	consistent	1,200 *U*	1,200	inconsistent	1,300 *U*	990 *U*	consistent
Benzo(k)fluoranthene	µg/kg-dw	1,400	1,100	24.0%	850 *U*	2,500 *U*	consistent	1,800 *U*	2,800 *U*	consistent	1,600	1,500	6.5%	1,300 *U*	990 *U*	consistent
Benzyl Alcohol	µg/kg-dw	10,000 *U*	10,000 *U*	consistent	4,400 *U*	13,000 *U*	consistent	9,500 *U*	14,000 *U*	consistent	6,200 *U*	320 *U*	consistent	6,800 *U*	5,100 *U*	consistent
Bis(2-chloroethoxy)methane	µg/kg-dw	1,900 *U*	2,000 *U*	consistent	850 *U*	2,500 *U*	consistent	1,800 *U*	2,800 *U*	consistent	1,200 *U*	63 *U*	consistent	1,300 *U*	990 *U*	consistent
Bis(2-chloroethyl)ether	µg/kg-dw	1,900 *U*	2,000 *U*	consistent	850 *U*	2,500 *U*	consistent	1,800 *U*	2,800 *U*	consistent	1,200 *U*	63 *U*	consistent	1,300 *U*	990 *U*	consistent
Bis(2-ethylhexyl)phthalate	µg/kg-dw	1,900 *U*	2,000 *U*	consistent	850 *U*	2,500 *U*	consistent	1,800 *U*	2,800 *U*	consistent	1,200 *U*	420	-	1,300 *U*	990 *U*	consistent
4-Bromophenyl-phenyl ether	µg/kg-dw	1,900 *U*	2,000 *U*	consistent	850 *U*	2,500 *U*	consistent	1,800 *U*	2,800 *U*	consistent	1,200 *U*	63 *U*	consistent	1,300 *U*	990 *U*	consistent
Butylbenzylphthalate	µg/kg-dw	1,900 *U*	2,000 *U*	consistent	850 *U*	2,500 *U*	consistent	1,800 *U*	2,800 *U*	consistent	1,200 *U*	63 *U*	consistent	1,300 *U*	990 *U*	consistent
Carbazole	µg/kg-dw	1,600	2,000 *U*	-	850 *U*	2,500 *U*	consistent	1,800 *U*	2,800 *U*	consistent	1,100 *J*	810	30.4%	1,300 *U*	990 *U*	consistent
4-Chloro-3-methylphenol	µg/kg-dw	10,000 *U*	10,000 *U*	consistent	4,400 *U*	13,000 *U*	consistent	9,500 *U*	14,000 *U*	consistent	6,200 *U*	320 *U*	consistent	6,800 *U*	5,100 *U*	consistent
4-Chloroaniline	µg/kg-dw	1,900 *U*	2,000 *U*	consistent	850 *U*	2,500 *U*	consistent	1,800 *U*	2,800 *U*	consistent	1,200 *UJ*	63 *UJ*	consistent	1,300 *U*	990 *U*	consistent
2-Chloronaphthalene	µg/kg-dw	1,900 *U*	2,000 *U*	consistent	850 *U*	2,500 *U*	consistent	1,800 *U*	2,800 *U*	consistent	1,200 *U*	63 *U*	consistent	1,300 *U*	990 *U*	consistent
2-Chlorophenol	µg/kg-dw	1,900 *U*	2,000 *U*	consistent	850 *U*	2,500 *U*	consistent	1,800 *U*	2,800 *U*	consistent	1,200 *U*	63 *U*	consistent	1,300 *U*	990 *U*	consistent
4-Chlorophenyl-phenyl ether	µg/kg-dw	1,900 *U*	2,000 *U*	consistent	850 *U*	2,500 *U*	consistent	1,800 *U*	2,800 *U*	consistent	1,200 *U*	63 *U*	consistent	1,300 *U*	990 *U*	consistent
Chrysene	µg/kg-dw	2,800	1,900	38.3%	850 *U*	2,500 *U*	consistent	1,800 *U*	2,800 *U*	consistent	2,900	2,700	7.1%	890 *J*	830 *J*	7.0%
Dibenz(a,h)anthracene	µg/kg-dw	1,900 *U*	2,000 *U*	consistent	850 *U*	2,500 *U*	consistent	1,800 *U*	2,800 *U*	consistent	1,200 *U*	440	-	1,300 *U*	990 *U*	consistent
Dibenzofuran	µg/kg-dw	6,900	4,300	46.4%	2,300	1,300	55.6%	1,800 *U*	2,800 *U*	consistent	4,500	4,000	11.8%	1,400	1,100	24.0%
1,2-Dichlorobenzene	µg/kg-dw	9,100	7,200	23.3%	3,000	2,000	40.0%	20,000	29,000	36.7%	1,600	1,700	6.1%	13,000	11,000	16.7%
1,3-Dichlorobenzene	µg/kg-dw	1,900 *U*	2,000 *U*	consistent	850 *U*	2,500 *U*	consistent	1,800 *U*	2,800 *U*	consistent	3,000	3,100	3.3%	1,300 *U*	1,100	-
1,4-Dichlorobenzene	µg/kg-dw	5,900	4,600	24.8%	6,900	4,200	48.6%	30,000	49,000	48.1%	16,000	17,000	6.1%	27,000	24,000	11.8%
3,3-Dichlorobenzidine	µg/kg-dw	1,900 *U*	2,000 *U*	consistent	850 *U*	2,500 *U*	consistent	1,800 *U*	2,800 *U*	consistent	1,200 *U*	63 *U*	consistent	1,300 *UJ*	990 *UJ*	consistent
2,4-Dichlorophenol	µg/kg-dw	10,000 *U*	10,000 *U*	consistent	4,400 *U*	13,000 *U*	consistent	9,500 *U*	14,000 *U*	consistent	6,200 *U*	320 *U*	consistent	6,800 *U*	5,100 *U*	consistent
Diethylphthalate	µg/kg-dw	1,900 *U*	2,000 *U*	consistent	850 *U*	2,500 *U*	consistent	1,800 *U*	2,800 *U*	consistent	1,200 *U*	63 *U*	consistent	1,300 *U*	990 *U*	consistent
2,4-Dimethylphenol	µg/kg-dw	10,000 *U*	10,000 *U*	consistent	4,400 *U*	13,000 *U*	consistent	9,500 *U*	14,000 *U*	consistent	6,200 *U*	320 *U*	consistent	6,800 *U*	5,100 *U*	consistent
Dimethylphthalate	µg/kg-dw	1,900 *U*	2,000 *U*	consistent	850 *U*	2,500 *U*	consistent	1,800 *U*	2,800 *U*	consistent	1,200 *U*	63 *U*	consistent	1,300 *U*	990 *U*	consistent
Di-n-butylphthalate	µg/kg-dw	1,900 *U*	2,000 *U*	consistent	850 *U*	2,500 *U*	consistent	1,800 *U*	2,800 *U*	consistent	1,200 *U*	63 *U*	consistent	1,300 *U*	990 *U*	consistent
2,4-Dinitrophenol	µg/kg-dw	50,000 *U*	51,000 *U*	consistent	22,000 *UJ*	65,000 *U*	consistent	48,000 *U*	72,000 *U*	consistent	31,000 *U*	1,600 *UJ*	consistent	34,000 *U*	25,000 *U*	consistent
2,4-Dinitrotoluene	µg/kg-dw	10,000 *U*	10,000 *U*	consistent	4,400 *U*	13,000 *U*	consistent	9,500 *U*	14,000 *U*	consistent	6,200 *U*	320 *U*	consistent	6,800 *U*	5,100 *U*	consistent

Table B2-37. (cont.)

	Station	S309			S310			S312			S313			S314		
	Date	7/20/2000			7/20/2000			7/20/2000			7/18/2000			7/19/2000		
	Depth (cm)	174 - 274			300 - 400			200 - 300			30 - 100			30 - 100		
	Idepth	274			400			300			100			100		
	Duplicate Number	D1	D2		D1	D2		D1	D2		D1	D2		D1	D2	
	Sample Number	VC0066	VC0192		VC0076	VC0186		VC0091	VC0193		VC0097	VC0194		VC0105	VC0200	
Parameter	Units			RPD			RPD			RPD			RPD			RPD
2,6-Dinitrotoluene	µg/kg-dw	10,000 U	10,000 U	consistent	4,400 U	13,000 U	consistent	9,500 U	14,000 U	consistent	6,200 U	320 U	consistent	6,800 U	5,100 U	consistent
Di-n-octylphthalate	µg/kg-dw	1,900 U	2,000 U	consistent	850 U	2,500 U	consistent	1,800 U	2,800 U	consistent	1,200 U	63 U	consistent	1,300 U	990 U	consistent
Fluoranthene	µg/kg-dw	11,000	6,800	47.2%	1,500	2,500 U	-	1,800 U	2,800 U	consistent	9,100	7,700	16.7%	2,500	1,900	27.3%
Fluorene	µg/kg-dw	9,200	5,800	45.3%	1,500	23,000	175.5%	18,000	2,800 U	inconsistent	5,600	4,900	13.3%	1,300 U	1,300	inconsistent
Hexachlorobenzene	µg/kg-dw	1,900 U	2,000 U	consistent	850 U	2,500 U	consistent	1,800 U	2,800 U	consistent	1,200 U	63 U	consistent	1,300 U	990 U	consistent
Hexachlorobenzene (GC/ECD)	µg/kg-dw	8.35 J	28.3 J	108.9%	46.3 J	54 J	15.4%	480 J	400 J	18.2%	54.3	55.9 J	2.9%	340 R	394 R	-
Hexachlorobutadiene	µg/kg-dw	1,900 U	2,000 U	consistent	850 U	2,500 U	consistent	1,800 U	2,800 U	consistent	1,200 U	63 U	consistent	1,300 U	990 U	consistent
Hexachlorocyclopentadiene	µg/kg-dw	10,000 U	10,000 U	consistent	4,400 UJ	13,000 U	consistent	9,500 U	14,000 U	consistent	6,200 U	320 UJ	consistent	6,800 U	5,100 U	consistent
Hexachloroethane	µg/kg-dw	1,900 U	2,000 U	consistent	850 U	2,500 U	consistent	1,800 U	2,800 U	consistent	1,200 U	63 U	consistent	1,300 U	990 U	consistent
Indeno(1,2,3-cd)pyrene	µg/kg-dw	1,900 U	2,000 U	consistent	850 U	2,500 U	consistent	1,800 U	2,800 U	consistent	1,200	1,200	0.0%	1,300 U	990 U	consistent
Isophorone	µg/kg-dw	1,900 U	2,000 U	consistent	850 U	2,500 U	consistent	1,800 U	2,800 U	consistent	1,200 U	63 U	consistent	1,300 U	990 U	consistent
2-Methyl-4,6-dinitrophenol	µg/kg-dw	50,000 U	51,000 U	consistent	22,000 U	65,000 U	consistent	48,000 U	72,000 U	consistent	31,000 U	1,600 U	consistent	34,000 U	25,000 U	consistent
2-Methylnaphthalene	µg/kg-dw	13,000	8,700	39.6%	19,000	10,000	62.1%	9,900	12,000	19.2%	13,000	13,000	0.0%	9,300	7,300	24.1%
2-Methylphenol	µg/kg-dw	1,900 U	2,000 U	consistent	5,400	2,500 U	inconsistent	1,800 U	2,800 U	consistent	1,200 U	63 U	consistent	1,300 U	990 U	consistent
4-Methylphenol	µg/kg-dw	1,900 U	2,000 U	consistent	5,300	4,700	12.0%	1,800 U	2,800 U	consistent	1,200 U	63 U	consistent	1,300 U	990 U	consistent
Naphthalene	µg/kg-dw	130,000	92,000	34.2%	250,000	150,000	50.0%	140,000	180,000	25.0%	41,000	42,000	2.4%	60,000	47,000	24.3%
2-Nitroaniline	µg/kg-dw	4,000 U	4,000 U	consistent	1,700 U	5,200 U	consistent	3,800 U	5,700 U	consistent	2,400 U	130 U	consistent	2,700 U	2,000 U	consistent
3-Nitroaniline	µg/kg-dw	50,000 U	51,000 U	consistent	22,000 U	65,000 U	consistent	48,000 U	72,000 U	consistent	31,000 UJ	1,600 UJ	consistent	34,000 U	25,000 U	consistent
4-Nitroaniline	µg/kg-dw	50,000 U	51,000 U	consistent	22,000 U	65,000 U	consistent	48,000 U	72,000 U	consistent	31,000 U	1,600 U	consistent	34,000 U	25,000 U	consistent
Nitrobenzene	µg/kg-dw	1,900 U	2,000 U	consistent	850 U	2,500 U	consistent	1,800 U	2,800 U	consistent	1,200 U	63 U	consistent	1,300 U	990 U	consistent
2-Nitrophenol	µg/kg-dw	10,000 U	10,000 U	consistent	4,400 U	13,000 U	consistent	9,500 U	14,000 U	consistent	6,200 U	320 U	consistent	6,800 U	5,100 U	consistent
4-Nitrophenol	µg/kg-dw	50,000 U	51,000 U	consistent	22,000 U	65,000 U	consistent	48,000 U	72,000 U	consistent	31,000 U	1,600 U	consistent	34,000 U	25,000 U	consistent
N-Nitrosodimethylamine	µg/kg-dw	10,000 U	10,000 U	consistent	4,400 U	13,000 U	consistent	9,500 U	14,000 U	consistent	6,200 U	320 U	consistent	6,800 U	5,100 U	consistent
N-Nitroso-di-n-propylamine	µg/kg-dw	1,900 U	2,000 U	consistent	850 U	2,500 U	consistent	1,800 U	2,800 U	consistent	1,200 U	63 U	consistent	1,300 U	990 U	consistent
N-Nitrosodiphenylamine	µg/kg-dw	1,900 U	2,000 U	consistent	850 U	2,500 U	consistent	1,800 U	2,800 U	consistent	1,200 U	63 U	consistent	1,300 U	990 U	consistent
2,2'-Oxybis(1-chloropropane)	µg/kg-dw	1,900 U	2,000 U	consistent	850 U	2,500 U	consistent	1,800 U	2,800 U	consistent	1,200 U	63 UJ	consistent	1,300 U	990 U	consistent
Pentachlorophenol	µg/kg-dw	50,000 U	51,000 U	consistent	22,000 U	65,000 U	consistent	48,000 U	72,000 U	consistent	31,000 U	1,600 U	consistent	34,000 U	25,000 U	consistent
Phenanthrene	µg/kg-dw	23,000	16,000	35.9%	2,400	1,800	28.6%	1,300	1,700	26.7%	15,000	12,000	22.2%	3,400	2,500	30.5%
Phenol	µg/kg-dw	5,800	4,100	34.3%	6,600	7,100	7.3%	4,600	6,600	35.7%	1,200 U	63 U	consistent	1,300 U	990 U	consistent
Pyrene	µg/kg-dw	7,200	4,000	57.1%	1,400	2,500 U	-	1,800 U	2,800 U	consistent	7,300	6,400	13.1%	2,700	990 U	inconsistent
1,2,4-Trichlorobenzene	µg/kg-dw	1,900 U	2,000 U	consistent	850 U	2,500 U	consistent	7,000	9,700	32.3%	1,200 U	63 U	consistent	11,000	8,700	23.4%
2,4,5-Trichlorophenol	µg/kg-dw	10,000 U	10,000 U	consistent	4,400 U	13,000 U	consistent	9,500 U	14,000 U	consistent	6,200 U	320 U	consistent	6,800 U	5,100 U	consistent
2,4,6-Trichlorophenol	µg/kg-dw	10,000 U	10,000 U	consistent	4,400 U	13,000 U	consistent	9,500 U	14,000 U	consistent	6,200 U	320 U	consistent	6,800 U	5,100 U	consistent

Table B2-37. (cont.)

	Station	S322			S324			S333			S335			S340		
	Date	7/13/2000			7/13/2000			8/2/2000			8/2/2000			8/15/2000		
	Depth (cm)	400 - 500			30 - 100			30 - 100			100 - 190			0 - 2		
	Duplicate Number	D1	D2		D1	D2		D1	D2		D1	D2		D1	D2	
	Sample Number	VC0173	VC0185		SB0001	SB0068		SB0041	SB0066		SB0024	SB0065		SF0123	SF0123_R	
Parameter	**Units**			**RPD**			**RPD**			**RPD**			**RPD**			**RPD**
Acenaphthene	µg/kg-dw	54 *U*	54 *UJ*	consistent	66 *U*	65 *U*	consistent	53 *UJ*	53 *UJ*	consistent	63 *UJ*	62 *UJ*	consistent	300 *J*	660 *UJ*	-
Acenaphthylene	µg/kg-dw	54 *U*	54 *UJ*	consistent	66 *U*	45 *J*	-	53 *UJ*	53 *U*	consistent	63 *U*	62 *UJ*	consistent	100 *J*	660 *UJ*	-
Anthracene	µg/kg-dw	54 *U*	54 *UJ*	consistent	73	66	10.1%	68 *J*	53 *U*	inconsistent	63 *U*	62 *UJ*	consistent	120 *J*	660 *UJ*	-
Benz(a)anthracene	µg/kg-dw	54 *U*	54 *UJ*	consistent	79	100	23.5%	99 *J*	94	5.2%	63 *U*	62 *UJ*	consistent	74 *J*	660 *UJ*	-
Benzo(a)pyrene	µg/kg-dw	54 *U*	54 *UJ*	consistent	67	100	39.5%	72 *J*	78	8.0%	63 *U*	62 *UJ*	consistent	110 *J*	660 *UJ*	-
Benzo(b)fluoranthene	µg/kg-dw	54 *U*	54 *UJ*	consistent	48 *J*	87	57.8%	62 *J*	65	4.7%	63 *U*	62 *UJ*	consistent	100 *J*	660 *UJ*	-
Benzo(g,h,i)perylene	µg/kg-dw	54 *U*	54 *UJ*	consistent	66 *U*	74	inconsistent	53 *UJ*	53 *U*	consistent	63 *U*	62 *UJ*	consistent	81 *J*	660 *UJ*	-
Benzo(k)fluoranthene	µg/kg-dw	54 *U*	54 *UJ*	consistent	53 *J*	98	59.6%	70 *J*	70	0.0%	63 *U*	62 *UJ*	consistent	100 *J*	660 *UJ*	-
Benzyl Alcohol	µg/kg-dw	280 *U*	280 *UJ*	consistent	340 *UJ*	330 *U*	consistent	270 *UJ*	270 *U*	consistent	320 *U*	320 *UJ*	consistent	350 *UJ*	3,400 *UJ*	consistent
Bis(2-chloroethoxy)methane	µg/kg-dw	54 *U*	54 *UJ*	consistent	66 *U*	65 *U*	consistent	53 *UJ*	53 *U*	consistent	63 *U*	62 *UJ*	consistent	67 *UJ*	660 *UJ*	consistent
Bis(2-chloroethyl)ether	µg/kg-dw	54 *U*	54 *UJ*	consistent	66 *U*	65 *U*	consistent	53 *UJ*	53 *U*	consistent	63 *U*	62 *UJ*	consistent	67 *UJ*	660 *UJ*	consistent
Bis(2-ethylhexyl)phthalate	µg/kg-dw	54 *U*	54 *UJ*	consistent	250 *J*	380 *J*	41.3%	53 *UJ*	53 *U*	consistent	63 *U*	83 *J*	inconsistent	180 *UJ*	660 *UJ*	consistent
4-Bromophenyl-phenyl ether	µg/kg-dw	54 *U*	54 *UJ*	consistent	66 *U*	65 *U*	consistent	53 *UJ*	53 *U*	consistent	63 *U*	62 *UJ*	consistent	67 *UJ*	660 *UJ*	consistent
Butylbenzylphthalate	µg/kg-dw	54 *U*	54 *UJ*	consistent	66 *U*	65 *U*	consistent	53 *UJ*	53 *U*	consistent	63 *U*	62 *UJ*	consistent	67 *UJ*	660 *UJ*	consistent
Carbazole	µg/kg-dw	54 *U*	54 *UJ*	consistent	66 *U*	65 *U*	consistent	53 *UJ*	53 *U*	consistent	63 *U*	62 *UJ*	consistent	210 *J*	660 *UJ*	-
4-Chloro-3-methylphenol	µg/kg-dw	280 *U*	280 *UJ*	consistent	340 *U*	330 *U*	consistent	270 *UJ*	270 *U*	consistent	320 *U*	320 *UJ*	consistent	350 *UJ*	3,400 *UJ*	consistent
4-Chloroaniline	µg/kg-dw	54 *U*	54 *UJ*	consistent	66 *U*	65 *U*	consistent	53 *UJ*	53 *U*	consistent	63 *U*	62 *UJ*	consistent	67 *UJ*	660 *UJ*	consistent
2-Chloronaphthalene	µg/kg-dw	54 *U*	54 *UJ*	consistent	66 *U*	65 *U*	consistent	53 *UJ*	53 *U*	consistent	63 *U*	62 *UJ*	consistent	67 *UJ*	660 *UJ*	consistent
2-Chlorophenol	µg/kg-dw	54 *U*	54 *UJ*	consistent	66 *U*	65 *U*	consistent	53 *UJ*	53 *U*	consistent	63 *U*	62 *UJ*	consistent	67 *UJ*	660 *UJ*	consistent
4-Chlorophenyl-phenyl ether	µg/kg-dw	54 *U*	54 *UJ*	consistent	66 *U*	65 *U*	consistent	53 *UJ*	53 *U*	consistent	63 *U*	62 *UJ*	consistent	67 *UJ*	660 *UJ*	consistent
Chrysene	µg/kg-dw	54 *U*	54 *UJ*	consistent	110	160	37.0%	110 *J*	110	0.0%	63 *U*	62 *UJ*	consistent	100 *J*	660 *UJ*	-
Dibenz(a,h)anthracene	µg/kg-dw	54 *U*	54 *UJ*	consistent	66 *U*	65 *U*	consistent	53 *UJ*	53 *U*	consistent	63 *U*	62 *UJ*	consistent	67 *UJ*	660 *UJ*	consistent
Dibenzofuran	µg/kg-dw	54 *U*	54 *UJ*	consistent	66 *U*	65 *U*	consistent	53 *UJ*	53 *U*	consistent	63 *U*	62 *UJ*	consistent	340 *J*	660 *UJ*	-
1,2-Dichlorobenzene	µg/kg-dw	54 *U*	54 *UJ*	consistent	66 *U*	65 *U*	consistent	53 *UJ*	53 *U*	consistent	1,800	530 *J*	109.0%	400 *J*	1,800 *J*	127.3%
1,3-Dichlorobenzene	µg/kg-dw	54 *U*	54 *UJ*	consistent	66 *U*	65 *U*	consistent	53 *UJ*	53 *U*	consistent	63 *U*	62 *UJ*	consistent	67 *UJ*	660 *UJ*	consistent
1,4-Dichlorobenzene	µg/kg-dw	54 *U*	54 *UJ*	consistent	66 *U*	65 *U*	consistent	53 *UJ*	53 *UJ*	consistent	4,700 *J*	1,400 *J*	108.2%	390 *J*	4,200 *J*	166.0%
3,3-Dichlorobenzidine	µg/kg-dw	54 *U*	54 *UJ*	consistent	66 *U*	65 *U*	consistent	53 *UJ*	53 *U*	consistent	63 *U*	62 *UJ*	consistent	67 *UJ*	660 *UJ*	consistent
2,4-Dichlorophenol	µg/kg-dw	280 *U*	280 *UJ*	consistent	340 *U*	330 *U*	consistent	270 *UJ*	270 *U*	consistent	320 *U*	320 *UJ*	consistent	350 *UJ*	3,400 *UJ*	consistent
Diethylphthalate	µg/kg-dw	54 *U*	54 *UJ*	consistent	66 *U*	65 *U*	consistent	53 *UJ*	53 *U*	consistent	63 *U*	62 *UJ*	consistent	67 *UJ*	660 *UJ*	consistent
2,4-Dimethylphenol	µg/kg-dw	280 *U*	280 *UJ*	consistent	340 *U*	330 *U*	consistent	270 *UJ*	270 *U*	consistent	320 *U*	320 *UJ*	consistent	350 *UJ*	3,400 *UJ*	consistent
Dimethylphthalate	µg/kg-dw	54 *U*	54 *UJ*	consistent	66 *U*	65 *U*	consistent	53 *UJ*	53 *U*	consistent	63 *U*	62 *UJ*	consistent	67 *UJ*	660 *UJ*	consistent
Di-n-butylphthalate	µg/kg-dw	54 *U*	50 *U*	consistent	95	84 *J*	12.3%	53 *UJ*	53 *U*	consistent	63 *U*	62 *UJ*	consistent	67 *UJ*	660 *UJ*	consistent
2,4-Dinitrophenol	µg/kg-dw	1,400 *U*	1,400 *UJ*	consistent	1,700 *U*	1,700 *U*	consistent	1,400 *UJ*	1,400 *U*	consistent	1,600 *U*	1,600 *UJ*	consistent	1,700 *UJ*	17,000 *UJ*	consistent
2,4-Dinitrotoluene	µg/kg-dw	280 *U*	280 *UJ*	consistent	340 *U*	330 *U*	consistent	270 *UJ*	270 *U*	consistent	320 *U*	320 *UJ*	consistent	350 *UJ*	3,400 *UJ*	consistent

Table B2-37. (cont.)

	Station	S322			S324			S333			S335			S340		
	Date	7/13/2000			7/13/2000			8/2/2000			8/2/2000			8/15/2000		
	Depth (cm)	400 - 500			30 - 100			30 - 100			100 - 190			0 - 2		
	Idepth	500			100			100			190			002		
	Duplicate Number	D1	D2		D1	D2		D1	D2		D1	D2		D1	D2	
	Sample Number	VC0173	VC0185		SB0001	SB0068		SB0041	SB0056		SB0024	SB0065		SF0123	SF0123_R	
Parameter	Units			RPD			RPD			RPD			RPD			RPD
2,6-Dinitrotoluene	µg/kg-dw	280 *U*	280 *UJ*	consistent	340 *U*	330 *U*	consistent	270 *UJ*	270 *U*	consistent	320 *U*	320 *UJ*	consistent	350 *UJ*	3,400 *UJ*	consistent
Di-n-octylphthalate	µg/kg-dw	54 *U*	54 *UJ*	consistent	66 *U*	65 *U*	consistent	53 *UJ*	53 *U*	consistent	63 *U*	62 *UJ*	consistent	67 *UJ*	660 *UJ*	consistent
Fluoranthene	µg/kg-dw	54 *U*	54 *UJ*	consistent	200	310	43.1%	190 *J*	150	23.5%	63 *U*	62 *UJ*	consistent	260 *J*	660 *UJ*	-
Fluorene	µg/kg-dw	54 *U*	54 *UJ*	consistent	66 *U*	65 *U*	consistent	53 *UJ*	53 *U*	consistent	63 *U*	62 *UJ*	consistent	390 *J*	660 *UJ*	-
Hexachlorobenzene	µg/kg-dw	54 *U*	54 *UJ*	consistent	66 *U*	65 *U*	consistent	53 *UJ*	53 *U*	consistent	63 *U*	62 *UJ*	consistent	67 *UJ*	660 *UJ*	consistent
Hexachlorobenzene (GC/ECD)	µg/kg-dw	1 *U*	1 *U*	consistent	3.36 *J*	1.04 *J*	105.5%	1.02 *UR*	1.03 *UR*	-	1.05 *UR*	1.02 *UR*	-	18.8 *J*	8.23 *J*	78.2%
Hexachlorobutadiene	µg/kg-dw	54 *U*	54 *UJ*	consistent	66 *U*	65 *U*	consistent	53 *UJ*	53 *U*	consistent	63 *U*	62 *UJ*	consistent	67 *UJ*	660 *UJ*	consistent
Hexachlorocyclopentadiene	µg/kg-dw	280 *U*	280 *UJ*	consistent	340 *U*	330 *U*	consistent	270 *UJ*	270 *U*	consistent	320 *U*	320 *UJ*	consistent	350 *UJ*	3,400 *UJ*	consistent
Hexachloroethane	µg/kg-dw	54 *U*	54 *UJ*	consistent	66 *U*	65 *U*	consistent	53 *UJ*	53 *U*	consistent	63 *U*	62 *UJ*	consistent	67 *UJ*	660 *UJ*	consistent
Indeno(1,2,3-cd)pyrene	µg/kg-dw	54 *U*	54 *UJ*	consistent	47 *J*	68	36.5%	53 *UJ*	53 *U*	consistent	63 *U*	62 *UJ*	consistent	74 *J*	660 *UJ*	-
Isophorone	µg/kg-dw	54 *U*	54 *UJ*	consistent	66 *U*	65 *U*	consistent	53 *UJ*	53 *U*	consistent	63 *U*	62 *UJ*	consistent	67 *UJ*	660 *UJ*	consistent
2-Methyl-4,6-dinitrophenol	µg/kg-dw	1,400 *U*	1,400 *UJ*	consistent	1,700 *U*	1,700 *U*	consistent	1,400 *UJ*	1,400 *U*	consistent	1,600 *U*	1,600 *UJ*	consistent	1,700 *UJ*	17,000 *UJ*	consistent
2-Methylnaphthalene	µg/kg-dw	54 *U*	54 *UJ*	consistent	47 *J*	75	45.9%	53 *UJ*	53 *U*	consistent	63 *U*	62 *UJ*	consistent	760 *J*	1,500 *J*	65.5%
2-Methylphenol	µg/kg-dw	54 *U*	54 *UJ*	consistent	45 *J*	65	36.4%	53 *UJ*	53 *U*	consistent	63 *U*	62 *UJ*	consistent	67 *UJ*	660 *UJ*	consistent
4-Methylphenol	µg/kg-dw	900	180 *J*	133.3%	66 *U*	160	inconsistent	53 *UJ*	53 *U*	consistent	110	62 *UJ*	inconsistent	67 *UJ*	660 *UJ*	consistent
Naphthalene	µg/kg-dw	54 *U*	54 *UJ*	consistent	550	740	29.5%	630 *J*	360	54.5%	610	180 *J*	108.9%	2,300 *J*	22,000 *J*	162.1%
2-Nitroaniline	µg/kg-dw	110 *U*	110 *UJ*	consistent	130 *U*	130 *U*	consistent	110 *UJ*	110 *U*	consistent	130 *U*	130 *UJ*	consistent	140 *UJ*	1,300 *UJ*	consistent
3-Nitroaniline	µg/kg-dw	1,400 *U*	1,400 *UJ*	consistent	1,700 *U*	1,700 *U*	consistent	1,400 *UJ*	1,400 *U*	consistent	1,600 *U*	1,600 *UJ*	consistent	1,700 *UJ*	17,000 *UJ*	consistent
4-Nitroaniline	µg/kg-dw	1,400 *U*	1,400 *UJ*	consistent	1,700 *U*	1,700 *U*	consistent	1,400 *UJ*	1,400 *U*	consistent	1,600 *U*	1,600 *UJ*	consistent	1,700 *UJ*	17,000 *UJ*	consistent
Nitrobenzene	µg/kg-dw	54 *U*	54 *UJ*	consistent	66 *U*	65 *U*	consistent	53 *UJ*	53 *U*	consistent	63 *U*	62 *UJ*	consistent	67 *UJ*	660 *UJ*	consistent
2-Nitrophenol	µg/kg-dw	280 *U*	280 *UJ*	consistent	340 *U*	330 *U*	consistent	270 *UJ*	270 *U*	consistent	320 *U*	320 *UJ*	consistent	350 *UJ*	3,400 *UJ*	consistent
4-Nitrophenol	µg/kg-dw	1,400 *U*	1,400 *UJ*	consistent	1,700 *U*	1,700 *U*	consistent	1,400 *UJ*	1,400 *U*	consistent	1,600 *U*	1,600 *UJ*	consistent	1,700 *UJ*	17,000 *UJ*	consistent
N-Nitrosodimethylamine	µg/kg-dw	280 *U*	280 *UJ*	consistent	340 *U*	330 *U*	consistent	270 *UJ*	270 *U*	consistent	320 *U*	320 *UJ*	consistent	350 *UJ*	3,400 *UJ*	consistent
N-Nitroso-di-n-propylamine	µg/kg-dw	54 *U*	54 *UJ*	consistent	66 *U*	65 *U*	consistent	53 *UJ*	53 *U*	consistent	63 *U*	62 *UJ*	consistent	67 *UJ*	660 *UJ*	consistent
N-Nitrosodiphenylamine	µg/kg-dw	54 *U*	54 *UJ*	consistent	66 *U*	65 *U*	consistent	53 *UJ*	53 *U*	consistent	63 *U*	62 *UJ*	consistent	67 *UJ*	660 *UJ*	consistent
2,2'-Oxybis(1-chloropropane)	µg/kg-dw	54 *U*	54 *UJ*	consistent	66 *U*	65 *U*	consistent	53 *UJ*	53 *U*	consistent	63 *U*	62 *UJ*	consistent	67 *UJ*	660 *UJ*	consistent
Pentachlorophenol	µg/kg-dw	1,400 *U*	1,400 *UJ*	consistent	1,700 *U*	1,700 *U*	consistent	1,400 *UJ*	1,400 *UJ*	consistent	1,600 *UJ*	1,600 *UJ*	consistent	1,700 *UJ*	17,000 *UJ*	consistent
Phenanthrene	µg/kg-dw	54 *U*	54 *UJ*	consistent	160	200	22.2%	150 *J*	110	30.8%	63 *U*	62 *UJ*	consistent	640 *J*	660 *UJ*	-
Phenol	µg/kg-dw	54 *U*	54 *UJ*	consistent	66 *U*	160	inconsistent	53 *UJ*	53 *U*	consistent	650	130 *J*	133.3%	230 *J*	660 *UJ*	-
Pyrene	µg/kg-dw	54 *U*	54 *UJ*	consistent	230	300	26.4%	180 *J*	150	18.2%	63 *U*	62 *UJ*	consistent	190 *J*	660 *UJ*	-
1,2,4-Trichlorobenzene	µg/kg-dw	54 *U*	54 *UJ*	consistent	66 *U*	65 *U*	consistent	53 *UJ*	53 *U*	consistent	63 *U*	62 *UJ*	consistent	67 *UJ*	660 *UJ*	consistent
2,4,5-Trichlorophenol	µg/kg-dw	280 *U*	280 *UJ*	consistent	340 *U*	330 *U*	consistent	270 *UJ*	270 *U*	consistent	320 *U*	320 *UJ*	consistent	350 *UJ*	3,400 *UJ*	consistent
2,4,6-Trichlorophenol	µg/kg-dw	280 *U*	280 *UJ*	consistent	340 *U*	330 *U*	consistent	270 *UJ*	270 *U*	consistent	320 *U*	320 *UJ*	consistent	350 *UJ*	3,400 *UJ*	consistent

Table B2-37. (cont.)

	Station	S343			S344			S350			S354			S360		
	Date	8/4/2000			7/27/2000			8/5/2000			8/13/2000			8/16/2000		
	Depth (cm)	30 - 100			30 - 100			92 - 200			100 - 200			0 - 2		
	Duplicate Number	D1	D2		D1	D2		D1	D2		D1	D2		D1	D2	
	Sample Number	SB0039	SF0167		SB0019	SB0070		SB0054	SB0067		SB0062	SB0069		SF0010	SF0066	
Parameter	**Units**			**RPD**			**RPD**			**RPD**			**RPD**			**RPD**
Acenaphthene	µg/kg-dw	1,500 *U*	75 *U*	consistent	120 *J*	66 *UJ*	inconsistent	2,300	1,700	30.0%	190	930 *U*	-	59 *UJ*	58 *UJ*	consistent
Acenaphthylene	µg/kg-dw	1,500 *U*	570	-	620 *J*	370 *J*	50.5%	1,500	1,100	30.8%	290	930 *U*	-	59 *UJ*	58 *UJ*	consistent
Anthracene	µg/kg-dw	1,500 *U*	350	-	70 *UJ*	370 *J*	inconsistent	3,200	2,300	32.7%	1,200	930 *U*	inconsistent	59 *UJ*	58 *UJ*	consistent
Benz(a)anthracene	µg/kg-dw	1,500 *U*	150	-	130 *J*	66 *UJ*	inconsistent	3,900	2,700	36.4%	800	930 *U*	-	110 *J*	110 *J*	0.0%
Benzo(a)pyrene	µg/kg-dw	1,500 *U*	95	-	70 *UJ*	66 *UJ*	consistent	3,400	2,300	38.6%	790	930 *U*	-	130 *J*	120 *J*	8.0%
Benzo(b)fluoranthene	µg/kg-dw	1,500 *U*	92	-	70 *UJ*	66 *UJ*	consistent	2,600	1,900	31.1%	800	930 *U*	-	120 *J*	120 *J*	0.0%
Benzo(g,h,i)perylene	µg/kg-dw	1,500 *U*	76	-	70 *UJ*	66 *UJ*	consistent	2,000	1,500	28.6%	450	930 *U*	-	85 *J*	89 *J*	4.6%
Benzo(k)fluoranthene	µg/kg-dw	1,500 *U*	90	-	70 *UJ*	66 *UJ*	consistent	2,900	2,400	18.9%	780	930 *U*	-	120 *J*	110 *J*	8.7%
Benzyl Alcohol	µg/kg-dw	7,700 *U*	390 *UJ*	consistent	360 *UJ*	340 *UJ*	consistent	3,500 *U*	3,500 *U*	consistent	480 *U*	4,800 *U*	consistent	300 *UJ*	300 *UJ*	consistent
Bis(2-chloroethoxy)methane	µg/kg-dw	1,500 *U*	75 *U*	consistent	70 *UJ*	66 *UJ*	consistent	680 *U*	680 *U*	consistent	92 *U*	930 *U*	consistent	59 *UJ*	58 *UJ*	consistent
Bis(2-chloroethyl)ether	µg/kg-dw	1,500 *U*	75 *U*	consistent	70 *UJ*	66 *UJ*	consistent	680 *U*	680 *U*	consistent	92 *U*	930 *U*	consistent	59 *UJ*	58 *UJ*	consistent
Bis(2-ethylhexyl)phthalate	µg/kg-dw	1,500 *U*	75 *U*	consistent	70 *UJ*	66 *UJ*	consistent	680 *UJ*	680 *UJ*	consistent	3,800	930 *U*	inconsistent	120 *UJ*	100 *UJ*	consistent
4-Bromophenyl-phenyl ether	µg/kg-dw	1,500 *U*	75 *U*	consistent	70 *UJ*	66 *UJ*	consistent	680 *U*	680 *U*	consistent	92 *U*	930 *U*	consistent	59 *UJ*	58 *UJ*	consistent
Butylbenzylphthalate	µg/kg-dw	1,500 *U*	75 *U*	consistent	70 *UJ*	66 *UJ*	consistent	680 *UJ*	680 *UJ*	consistent	92 *U*	930 *U*	consistent	59 *UJ*	58 *UJ*	consistent
Carbazole	µg/kg-dw	1,500 *U*	120	-	70 *UJ*	66 *UJ*	consistent	930	730	24.1%	240	930 *U*	-	59 *UJ*	58 *UJ*	consistent
4-Chloro-3-methylphenol	µg/kg-dw	7,700 *U*	390 *UJ*	consistent	360 *UJ*	340 *UJ*	consistent	3,500 *U*	3,500 *U*	consistent	480 *U*	4,800 *U*	consistent	300 *UJ*	300 *UJ*	consistent
4-Chloroaniline	µg/kg-dw	1,500 *U*	75 *U*	consistent	70 *UJ*	66 *UJ*	consistent	680 *U*	680 *U*	consistent	450	930 *U*	-	59 *UJ*	58 *UJ*	consistent
2-Chloronaphthalene	µg/kg-dw	1,500 *U*	75 *U*	consistent	70 *UJ*	66 *UJ*	consistent	680 *U*	680 *U*	consistent	92 *U*	930 *U*	consistent	59 *UJ*	58 *UJ*	consistent
2-Chlorophenol	µg/kg-dw	1,500 *U*	75 *UJ*	consistent	70 *UJ*	66 *UJ*	consistent	680 *U*	680 *U*	consistent	92 *U*	930 *U*	consistent	59 *UJ*	58 *UJ*	consistent
4-Chlorophenyl-phenyl ether	µg/kg-dw	1,500 *U*	75 *U*	consistent	70 *UJ*	66 *UJ*	consistent	680 *U*	680 *U*	consistent	92 *U*	930 *U*	consistent	59 *UJ*	58 *UJ*	consistent
Chrysene	µg/kg-dw	1,500 *U*	150	-	150 *J*	69 *J*	74.0%	4,200	3,000	33.3%	1,200	930 *U*	inconsistent	150 *J*	140 *J*	6.9%
Dibenz(a,h)anthracene	µg/kg-dw	1,500 *U*	75 *U*	consistent	70 *UJ*	66 *UJ*	consistent	790	680 *U*	inconsistent	92 *U*	930 *U*	consistent	59 *UJ*	58 *UJ*	consistent
Dibenzofuran	µg/kg-dw	1,500 *U*	75 *U*	consistent	410 *J*	160 *J*	87.7%	2,100	1,500	33.3%	180	930 *U*	-	59 *UJ*	58 *UJ*	consistent
1,2-Dichlorobenzene	µg/kg-dw	9,600	7,600	23.3%	990 *J*	1,500 *J*	41.0%	860	730	16.4%	92 *U*	930 *U*	consistent	59 *UJ*	58 *UJ*	consistent
1,3-Dichlorobenzene	µg/kg-dw	1,500 *U*	82	-	70 *UJ*	66 *UJ*	consistent	680 *U*	680 *U*	consistent	510	930 *U*	-	59 *UJ*	58 *UJ*	consistent
1,4-Dichlorobenzene	µg/kg-dw	7,600	5,600	30.3%	1,400 *J*	2,800 *J*	66.7%	1,500	1,200	22.2%	1,600	3,400	72.0%	59 *UJ*	58 *UJ*	consistent
3,3-Dichlorobenzidine	µg/kg-dw	1,500 *U*	75 *U*	consistent	70 *UJ*	66 *UJ*	consistent	680 *UJ*	680 *UJ*	consistent	92 *U*	930 *U*	consistent	59 *UJ*	58 *UJ*	consistent
2,4-Dichlorophenol	µg/kg-dw	7,700 *U*	390 *UJ*	consistent	360 *UJ*	340 *UJ*	consistent	3,500 *U*	3,500 *U*	consistent	480 *U*	4,800 *U*	consistent	300 *UJ*	300 *UJ*	consistent
Diethylphthalate	µg/kg-dw	1,500 *U*	75 *U*	consistent	70 *UJ*	66 *UJ*	consistent	680 *U*	680 *U*	consistent	92 *U*	930 *U*	consistent	59 *UJ*	58 *UJ*	consistent
2,4-Dimethylphenol	µg/kg-dw	7,700 *U*	390 *UJ*	consistent	360 *UJ*	340 *UJ*	consistent	3,500 *U*	3,500 *U*	consistent	480 *U*	4,800 *U*	consistent	300 *UJ*	300 *UJ*	consistent
Dimethylphthalate	µg/kg-dw	1,500 *U*	75 *U*	consistent	70 *UJ*	66 *UJ*	consistent	680 *U*	680 *U*	consistent	92 *U*	930 *U*	consistent	59 *UJ*	58 *UJ*	consistent
Di-n-butylphthalate	µg/kg-dw	1,500 *U*	75 *U*	consistent	70 *UJ*	66 *UJ*	consistent	680 *U*	680 *U*	consistent	92 *U*	930 *U*	consistent	59 *UJ*	58 *UJ*	consistent
2,4-Dinitrophenol	µg/kg-dw	39,000 *U*	1,900 *UJ*	consistent	1,800 *UJ*	1,700 *UJ*	consistent	18,000 *U*	18,000 *U*	consistent	2,400 *U*	24,000 *U*	consistent	1,500 *UJ*	1,500 *UJ*	consistent
2,4-Dinitrotoluene	µg/kg-dw	7,700 *U*	390 *U*	consistent	360 *UJ*	340 *UJ*	consistent	3,500 *U*	3,500 *U*	consistent	480 *U*	4,800 *U*	consistent	300 *UJ*	300 *UJ*	consistent

Table B2-37. (cont.)

	Station	S343			S344			S350			S354			S360		
	Date	8/4/2000			7/27/2000			8/5/2000			8/13/2000			8/16/2000		
	Depth (cm)	30 - 100			30 - 100			92 - 200			100 - 200			0 - 2		
	Idepth	100			100			200			200			002		
	Duplicate Number	D1	D2		D1	D2		D1	D2		D1	D2		D1	D2	
	Sample Number	SB0039	SF0167		SB0019	SB0070		SB0054	SB0067		SB0062	SB0069		SF0010	SF0066	
Parameter	Units			RPD			RPD			RPD			RPD			RPD
2,6-Dinitrotoluene	µg/kg-dw	7,700 *U*	390 *U*	consistent	360 *UJ*	340 *UJ*	consistent	3,500 *U*	3,500 *U*	consistent	480 *U*	4,800 *U*	consistent	300 *UJ*	300 *UJ*	consistent
Di-n-octylphthalate	µg/kg-dw	1,500 *U*	75 *U*	consistent	70 *UJ*	66 *UJ*	consistent	680 *UJ*	680 *UJ*	consistent	92 *U*	930 *U*	consistent	59 *UJ*	58 *UJ*	consistent
Fluoranthene	µg/kg-dw	1,500 *U*	550	-	400 *J*	260 *J*	42.4%	10,000	7,500	28.6%	2,800	980	96.3%	260 *J*	250 *J*	3.9%
Fluorene	µg/kg-dw	1,500 *U*	490	-	410 *J*	180 *J*	78.0%	3,100	2,300	29.6%	320	930 *U*	-	59 *UJ*	58 *UJ*	consistent
Hexachlorobenzene	µg/kg-dw	1,500 *U*	75 *U*	consistent	70 *UJ*	66 *UJ*	consistent	680 *U*	680 *U*	consistent	92 *U*	930 *U*	consistent	59 *UJ*	58 *UJ*	consistent
Hexachlorobenzene (GC/ECD)	µg/kg-dw	188 *J*	186 *J*	1.1%	981	769	24.2%	11.2 *J*	10.9 *J*	2.7%	45.1 *J*	33.1 *J*	30.7%	247 *J*	16.6 *J*	174.8%
Hexachlorobutadiene	µg/kg-dw	1,500 *U*	75 *U*	consistent	70 *UJ*	66 *UJ*	consistent	680 *U*	680 *U*	consistent	92 *U*	930 *U*	consistent	59 *UJ*	58 *UJ*	consistent
Hexachlorocyclopentadiene	µg/kg-dw	7,700 *U*	390 *UJ*	consistent	360 *UJ*	340 *UJ*	consistent	3,500 *U*	3,500 *U*	consistent	480 *U*	4,800 *U*	consistent	300 *UJ*	300 *UJ*	consistent
Hexachloroethane	µg/kg-dw	1,500 *U*	75 *U*	consistent	70 *UJ*	66 *UJ*	consistent	680 *U*	680 *U*	consistent	92 *U*	930 *U*	consistent	59 *UJ*	58 *UJ*	consistent
Indeno(1,2,3-cd)pyrene	µg/kg-dw	1,500 *U*	75 *U*	consistent	70 *UJ*	66 *UJ*	consistent	1,900	1,400	30.3%	380	930 *U*	-	80 *J*	82 *J*	2.5%
Isophorone	µg/kg-dw	1,500 *U*	75 *U*	consistent	70 *UJ*	66 *UJ*	consistent	680 *U*	680 *U*	consistent	92 *U*	930 *U*	consistent	59 *UJ*	58 *UJ*	consistent
2-Methyl-4,6-dinitrophenol	µg/kg-dw	39,000 *U*	1,900 *UJ*	consistent	1,800 *UJ*	1,700 *UJ*	consistent	18,000 *U*	18,000 *U*	consistent	2,400 *U*	24,000 *U*	consistent	1,500 *UJ*	1,500 *UJ*	consistent
2-Methylnaphthalene	µg/kg-dw	5,400	3,800	34.8%	4,400 *J*	2,100 *J*	70.8%	8,600	6,200	32.4%	420	930 *U*	-	59 *UJ*	58 *UJ*	consistent
2-Methylphenol	µg/kg-dw	1,500 *U*	75 *UJ*	consistent	70 *UJ*	66 *UJ*	consistent	680 *U*	680 *U*	consistent	92 *U*	930 *U*	consistent	59 *UJ*	58 *UJ*	consistent
4-Methylphenol	µg/kg-dw	1,500 *U*	480 *J*	-	70 *UJ*	66 *UJ*	consistent	680 *U*	680 *U*	consistent	92 *U*	930 *U*	consistent	59 *UJ*	58 *UJ*	consistent
Naphthalene	µg/kg-dw	75,000	55,000	30.8%	57,000 *J*	23,000 *J*	85.0%	52,000	39,000	28.6%	230	46,000	198.0%	59 *UJ*	58 *UJ*	consistent
2-Nitroaniline	µg/kg-dw	3,100 *U*	150 *U*	consistent	140 *UJ*	130 *UJ*	consistent	1,400 *U*	1,400 *U*	consistent	190 *U*	1,900 *U*	consistent	120 *UJ*	120 *UJ*	consistent
3-Nitroaniline	µg/kg-dw	39,000 *U*	1,900 *U*	consistent	1,800 *UJ*	1,700 *UJ*	consistent	18,000 *U*	18,000 *U*	consistent	2,400 *U*	24,000 *U*	consistent	1,500 *UJ*	1,500 *UJ*	consistent
4-Nitroaniline	µg/kg-dw	39,000 *U*	1,900 *U*	consistent	1,800 *UJ*	1,700 *UJ*	consistent	18,000 *U*	18,000 *U*	consistent	2,400 *U*	24,000 *U*	consistent	1,500 *UJ*	1,500 *UJ*	consistent
Nitrobenzene	µg/kg-dw	1,500 *U*	75 *U*	consistent	70 *UJ*	66 *UJ*	consistent	680 *U*	680 *U*	consistent	92 *U*	930 *U*	consistent	59 *UJ*	58 *UJ*	consistent
2-Nitrophenol	µg/kg-dw	7,700 *U*	390 *UJ*	consistent	360 *UJ*	340 *UJ*	consistent	3,500 *U*	3,500 *U*	consistent	480 *U*	4,800 *U*	consistent	300 *UJ*	300 *UJ*	consistent
4-Nitrophenol	µg/kg-dw	39,000 *U*	1,900 *UJ*	consistent	1,800 *UJ*	1,700 *UJ*	consistent	18,000 *U*	18,000 *U*	consistent	2,400 *U*	24,000 *U*	consistent	1,500 *UJ*	1,500 *UJ*	consistent
N-Nitrosodimethylamine	µg/kg-dw	7,700 *U*	390 *U*	consistent	360 *UJ*	340 *UJ*	consistent	3,500 *U*	3,500 *U*	consistent	480 *U*	4,800 *U*	consistent	300 *UJ*	300 *UJ*	consistent
N-Nitroso-di-n-propylamine	µg/kg-dw	1,500 *U*	75 *U*	consistent	70 *UJ*	66 *UJ*	consistent	680 *U*	680 *U*	consistent	92 *U*	930 *U*	consistent	59 *UJ*	58 *UJ*	consistent
N-Nitrosodiphenylamine	µg/kg-dw	1,500 *U*	75 *U*	consistent	70 *UJ*	66 *UJ*	consistent	680 *U*	680 *U*	consistent	92 *U*	930 *U*	consistent	59 *UJ*	58 *UJ*	consistent
2,2'-Oxybis(1-chloropropane)	µg/kg-dw	1,500 *U*	75 *U*	consistent	70 *UJ*	66 *UJ*	consistent	680 *U*	680 *U*	consistent	92 *U*	930 *U*	consistent	59 *UJ*	58 *UJ*	consistent
Pentachlorophenol	µg/kg-dw	39,000 *U*	1,900 *UJ*	consistent	1,800 *UJ*	1,700 *UJ*	consistent	18,000 *U*	18,000 *U*	consistent	2,400 *U*	24,000 *U*	consistent	1,500 *UJ*	1,500 *UJ*	consistent
Phenanthrene	µg/kg-dw	2,000	1,100	58.1%	920 *J*	520 *J*	55.6%	12,000	8,600	33.0%	1,800	2,400	28.6%	110 *J*	93 *J*	16.7%
Phenol	µg/kg-dw	2,000	1,500 *J*	28.6%	3,100 *J*	1,400 *J*	75.6%	680 *U*	680 *U*	consistent	92 *U*	930 *U*	consistent	59 *UJ*	58 *UJ*	consistent
Pyrene	µg/kg-dw	1,500 *U*	470	-	290 *J*	180 *J*	46.8%	8,900	6,700	28.2%	1,700	1,200	34.5%	200 *J*	200 *J*	0.0%
1,2,4-Trichlorobenzene	µg/kg-dw	1,500 *U*	75 *U*	consistent	70 *UJ*	170 *J*	inconsistent	680 *U*	680 *U*	consistent	92 *U*	930 *U*	consistent	59 *UJ*	58 *UJ*	consistent
2,4,5-Trichlorophenol	µg/kg-dw	7,700 *U*	390 *UJ*	consistent	360 *UJ*	340 *UJ*	consistent	3,500 *U*	3,500 *U*	consistent	480 *U*	4,800 *U*	consistent	300 *UJ*	300 *UJ*	consistent
2,4,6-Trichlorophenol	µg/kg-dw	7,700 *U*	390 *UJ*	consistent	360 *UJ*	340 *UJ*	consistent	3,500 *U*	3,500 *U*	consistent	480 *U*	4,800 *U*	consistent	300 *UJ*	300 *UJ*	consistent

Table B2-37. (cont.)

	Station	S360			S360			S361			S363			S372		
	Date	8/16/2000			8/16/2000			8/15/2000			8/15/2000			8/17/2000		
	Depth (cm)	2 - 15			15 - 30			0 - 15			2 - 15			15 - 30		
	Duplicate Number	D1	D2		D1	D2		D1	D2		D1	D2		D1	D2	
	Sample Number	SF0011	SF0164		SF0012	SF0169		SF0013	SF0163		SF0018	SF0175		SF0039	SF0165	
Parameter	**Units**			**RPD**			**RPD**			**RPD**			**RPD**			**RPD**
Acenaphthene	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
Acenaphthylene	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
Anthracene	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
Benz(a)anthracene	µg/kg-dw	78	58 *UJ*	inconsistent	56 *U*	56 *UJ*	consistent	56 *U*	59	inconsistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
Benzo(a)pyrene	µg/kg-dw	95	58 *UJ*	inconsistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
Benzo(b)fluoranthene	µg/kg-dw	89	58 *UJ*	inconsistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
Benzo(g,h,i)perylene	µg/kg-dw	66	58 *UJ*	inconsistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
Benzo(k)fluoranthene	µg/kg-dw	93	58 *UJ*	inconsistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
Benzyl Alcohol	µg/kg-dw	310 *U*	300 *UJ*	consistent	290 *UJ*	290 *UJ*	consistent	290 *U*	290 *U*	consistent	3,500 *U*	350 *U*	consistent	280 *UJ*	280 *UJ*	consistent
Bis(2-chloroethoxy)methane	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
Bis(2-chloroethyl)ether	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
Bis(2-ethylhexyl)phthalate	µg/kg-dw	100 *U*	110 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	64 *J*	inconsistent
4-Bromophenyl-phenyl ether	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
Butylbenzylphthalate	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
Carbazole	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
4-Chloro-3-methylphenol	µg/kg-dw	310 *U*	300 *UJ*	consistent	290 *UJ*	290 *UJ*	consistent	290 *U*	290 *U*	consistent	3,500 *U*	350 *U*	consistent	280 *UJ*	280 *UJ*	consistent
4-Chloroaniline	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
2-Chloronaphthalene	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
2-Chlorophenol	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *UJ*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
4-Chlorophenyl-phenyl ether	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
Chrysene	µg/kg-dw	110	60 *J*	58.8%	56 *U*	56 *UJ*	consistent	56 *U*	63	inconsistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
Dibenz(a,h)anthracene	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
Dibenzofuran	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
1,2-Dichlorobenzene	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
1,3-Dichlorobenzene	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
1,4-Dichlorobenzene	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
3,3-Dichlorobenzidine	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
2,4-Dichlorophenol	µg/kg-dw	310 *U*	300 *UJ*	consistent	290 *UJ*	290 *UJ*	consistent	290 *U*	290 *U*	consistent	3,500 *U*	350 *U*	consistent	280 *UJ*	280 *UJ*	consistent
Diethylphthalate	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
2,4-Dimethylphenol	µg/kg-dw	310 *U*	300 *UJ*	consistent	290 *UJ*	290 *UJ*	consistent	290 *U*	290 *U*	consistent	3,500 *U*	350 *U*	consistent	280 *UJ*	280 *UJ*	consistent
Dimethylphthalate	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
Di-n-butylphthalate	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
2,4-Dinitrophenol	µg/kg-dw	1,600 *U*	1,500 *UJ*	consistent	1,400 *UJ*	1,400 *UJ*	consistent	1,400 *UJ*	1,400 *U*	consistent	18,000 *U*	1,700 *U*	consistent	1,400 *UJ*	1,400 *UJ*	consistent
2,4-Dinitrotoluene	µg/kg-dw	310 *U*	300 *UJ*	consistent	290 *U*	290 *UJ*	consistent	290 *U*	290 *U*	consistent	3,500 *U*	350 *U*	consistent	280 *UJ*	280 *UJ*	consistent

Table B2-37. (cont.)

	Station	S360			S360			S361			S363			S372		
	Date	8/16/2000			8/16/2000			8/15/2000			8/15/2000			8/17/2000		
	Depth (cm)	2 - 15			15 - 30			0 - 15			2 - 15			15 - 30		
	Idepth	015			030			015			015			030		
	Duplicate Number	D1	D2		D1	D2		D1	D2		D1	D2		D1	D2	
	Sample Number	SF0011	SF0164		SF0012	SF0169		SF0013	SF0163		SF0018	SF0175		SF0039	SF0165	
Parameter	Units			RPD			RPD			RPD			RPD			RPD
2,6-Dinitrotoluene	µg/kg-dw	310 *U*	300 *UJ*	consistent	290 *U*	290 *UJ*	consistent	290 *U*	290 *U*	consistent	3,500 *U*	350 *U*	consistent	280 *UJ*	280 *UJ*	consistent
Di-n-octylphthalate	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
Fluoranthene	µg/kg-dw	190	100 *J*	62.1%	80	56 *UJ*	inconsistent	56 *U*	90	inconsistent	680 *U*	93	-	55 *UJ*	54 *UJ*	consistent
Fluorene	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
Hexachlorobenzene	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
Hexachlorobenzene (GC/ECD)	µg/kg-dw	64.2 *J*	3.52 *J*	179.2%	1.08 *UJ*	1.07 *UJ*	consistent	1.09 *UJ*	1.04 *U*	consistent	1.08 *UJ*	1.08 *U*	consistent	1.08 *UR*	1.06 *UR*	-
Hexachlorobutadiene	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
Hexachlorocyclopentadiene	µg/kg-dw	310 *U*	300 *UJ*	consistent	290 *U*	290 *UJ*	consistent	290 *UJ*	290 *U*	consistent	3,500 *U*	350 *U*	consistent	280 *UJ*	280 *UJ*	consistent
Hexachloroethane	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
Indeno(1,2,3-cd)pyrene	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
Isophorone	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
2-Methyl-4,6-dinitrophenol	µg/kg-dw	1,600 *U*	1,500 *UJ*	consistent	1,400 *UJ*	1,400 *UJ*	consistent	1,400 *U*	1,400 *U*	consistent	18,000 *U*	1,700 *U*	consistent	1,400 *UJ*	1,400 *UJ*	consistent
2-Methylnaphthalene	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
2-Methylphenol	µg/kg-dw	220	250 *J*	12.8%	410 *J*	320 *J*	24.7%	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
4-Methylphenol	µg/kg-dw	1,000	1,100 *J*	9.5%	2,100 *J*	1,600 *J*	27.0%	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
Naphthalene	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	22,000	68 *U*	inconsistent	55 *UJ*	54 *UJ*	consistent
2-Nitroaniline	µg/kg-dw	120 *U*	120 *UJ*	consistent	110 *U*	110 *UJ*	consistent	110 *U*	110 *U*	consistent	1,400 *U*	140 *U*	consistent	110 *UJ*	110 *UJ*	consistent
3-Nitroaniline	µg/kg-dw	1,600 *U*	1,500 *UJ*	consistent	1,400 *U*	1,400 *UJ*	consistent	1,400 *U*	1,400 *U*	consistent	18,000 *U*	1,700 *U*	consistent	1,400 *UJ*	1,400 *UJ*	consistent
4-Nitroaniline	µg/kg-dw	1,600 *U*	1,500 *UJ*	consistent	1,400 *U*	1,400 *UJ*	consistent	1,400 *U*	1,400 *U*	consistent	18,000 *U*	1,700 *U*	consistent	1,400 *UJ*	1,400 *UJ*	consistent
Nitrobenzene	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
2-Nitrophenol	µg/kg-dw	310 *U*	300 *UJ*	consistent	290 *UJ*	290 *UJ*	consistent	290 *U*	290 *U*	consistent	3,500 *U*	350 *U*	consistent	280 *UJ*	280 *UJ*	consistent
4-Nitrophenol	µg/kg-dw	1,600 *U*	1,500 *UJ*	consistent	1,400 *UJ*	1,400 *UJ*	consistent	1,400 *U*	1,400 *U*	consistent	18,000 *U*	1,700 *U*	consistent	1,400 *UJ*	1,400 *UJ*	consistent
N-Nitrosodimethylamine	µg/kg-dw	310 *U*	300 *UJ*	consistent	290 *U*	290 *UJ*	consistent	290 *U*	290 *U*	consistent	3,500 *U*	350 *U*	consistent	280 *UJ*	280 *UJ*	consistent
N-Nitroso-di-n-propylamine	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
N-Nitrosodiphenylamine	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
2,2'-Oxybis(1-chloropropane)	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
Pentachlorophenol	µg/kg-dw	1,600 *U*	1,500 *UJ*	consistent	1,400 *UJ*	1,400 *UJ*	consistent	1,400 *U*	1,400 *U*	consistent	18,000 *U*	1,700 *U*	consistent	1,400 *UJ*	1,400 *UJ*	consistent
Phenanthrene	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
Phenol	µg/kg-dw	540	630 *J*	15.4%	1,100 *J*	890 *J*	21.1%	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
Pyrene	µg/kg-dw	150	87 *J*	53.2%	73	56 *UJ*	inconsistent	56 *U*	100	inconsistent	680 *U*	110	-	55 *UJ*	54 *UJ*	consistent
1,2,4-Trichlorobenzene	µg/kg-dw	61 *U*	58 *UJ*	consistent	56 *U*	56 *UJ*	consistent	56 *U*	56 *U*	consistent	680 *U*	68 *U*	consistent	55 *UJ*	54 *UJ*	consistent
2,4,5-Trichlorophenol	µg/kg-dw	310 *U*	300 *UJ*	consistent	290 *UJ*	290 *UJ*	consistent	290 *U*	290 *U*	consistent	3,500 *U*	350 *U*	consistent	280 *UJ*	280 *UJ*	consistent
2,4,6-Trichlorophenol	µg/kg-dw	310 *U*	300 *UJ*	consistent	290 *UJ*	290 *UJ*	consistent	290 *U*	290 *U*	consistent	3,500 *U*	350 *U*	consistent	280 *UJ*	280 *UJ*	consistent

Table B2-38. Field Duplicate Results for Pesticides in Lake Bottom Sediments

	Station	S301			S303			S304			S306			S308		
	Date	7/22/2000			7/22/2000			7/21/2000			7/21/2000			7/18/2000		
	Depth (cm)	56 - 156			300 - 400			200 - 300			500 - 600			30 - 100		
	Duplicate Number	D1	D2		D1	D2		D1	D2		D1	D2		D1	D2	
	Sample Number	VC0002	VC0195		VC0020	VC0198		VC0027	VC0201		VC0046	VC0199		VC0057	VC0191	
Parameter	**Units**			**RPD**			**RPD**			**RPD**			**RPD**			**RPD**
Aldrin	µg/kg-dw	1 *UJ*	1.05 *UJ*	consistent	1 *UJ*	1.03 *UJ*	consistent	1 *UR*	1 *UJ*	-	1 *UJ*	1 *UJ*	consistent	1 *UJ*	6.58 *UJ*	consistent
alpha-BHC	µg/kg-dw	1 *UJ*	1.05 *UJ*	consistent	1 *UJ*	1.03 *UJ*	consistent	1 *UR*	1 *UJ*	-	1 *UJ*	1 *UJ*	consistent	1.52 *R*	1 *UJ*	-
beta-BHC	µg/kg-dw	4.56 *UJ*	5.78 *U*	consistent	1 *UJ*	1.03 *U*	consistent	1 *UR*	1 *UJ*	-	1 *UJ*	1 *UJ*	consistent	1 *UJ*	1 *UR*	-
delta-BHC	µg/kg-dw	1 *UJ*	1.05 *UJ*	consistent	1 *UJ*	1.03 *UJ*	consistent	1 *UR*	1 *UJ*	-	1 *UJ*	1 *UJ*	consistent	1 *UJ*	1 *UR*	-
gamma-BHC (Lindane)	µg/kg-dw	1 *UJ*	1.05 *UJ*	consistent	1 *UJ*	1.03 *UJ*	consistent	1 *UR*	1 *UJ*	-	1 *UJ*	1 *UJ*	consistent	1 *UJ*	1 *UJ*	consistent
alpha-Chlordane	µg/kg-dw	1 *UJ*	1.05 *UJ*	consistent	1 *UJ*	1.03 *UJ*	consistent	1 *UR*	1 *UJ*	-	1 *UJ*	1 *UJ*	consistent	2.85 *J*	3 *J*	5.1%
gamma-Chlordane	µg/kg-dw	2.31 *R*	4.3 *J*	-	1 *UJ*	1.03 *U*	consistent	1 *UR*	2.61 *J*	-	1 *UJ*	1 *UJ*	consistent	16.6 *J*	17.7 *J*	6.4%
4,4'-DDD	µg/kg-dw	11.8 *J*	1.05 *UJ*	inconsistent	1 *UJ*	1.03 *UJ*	consistent	26.7 *J*	23.9 *J*	11.1%	1 *UJ*	1 *UJ*	consistent	9.31 *R*	7.2 *R*	-
4,4'-DDE	µg/kg-dw	1.84 *R*	2.39 *R*	-	1 *U*	1.03 *U*	consistent	1 *UR*	1 *UJ*	-	1 *UJ*	1 *UJ*	consistent	13.6 *J*	13.8 *J*	1.5%
4,4'-DDT	µg/kg-dw	8.14 *J*	5.71 *J*	35.1%	1.04 *J*	1.03 *UJ*	inconsistent	4.17 *R*	10.3 *J*	-	1 *UJ*	1 *UJ*	consistent	1 *UR*	31.7 *J*	-
Dieldrin	µg/kg-dw	5.45 *J*	6.97 *J*	24.5%	1 *U*	1.03 *U*	consistent	5.54 *J*	4.14 *J*	28.9%	1 *UJ*	1 *UJ*	consistent	17.6 *J*	20.7 *J*	16.2%
Endosulfan I	µg/kg-dw	1 *UJ*	1.05 *U*	consistent	1 *U*	1.03 *U*	consistent	1 *UR*	1 *UJ*	-	1 *UJ*	1 *UJ*	consistent	1 *UJ*	3 *R*	-
Endosulfan II	µg/kg-dw	1 *UJ*	1.05 *UJ*	consistent	1 *UJ*	1.03 *UJ*	consistent	1 *UR*	1 *UJ*	-	1 *UJ*	1 *UJ*	consistent	1 *UJ*	1 *UJ*	consistent
Endosulfan sulfate	µg/kg-dw	2.54 *R*	14 *J*	-	1.46 *R*	1.03 *UJ*	-	29.8 *J*	9.41 *R*	-	1 *UJ*	1 *UJ*	consistent	7.73 *J*	1.67 *J*	128.9%
Endrin	µg/kg-dw	9.14 *R*	9.41 *R*	-	1 *U*	1.07 *R*	-	19.6 *R*	17.2 *R*	-	1 *UJ*	1 *UJ*	consistent	1 *UJ*	1 *UJ*	consistent
Endrin aldehyde	µg/kg-dw	1.77 *R*	1.05 *UJ*	-	1 *UJ*	1.03 *UJ*	consistent	6.31 *R*	1 *UJ*	-	1 *UJ*	1 *UJ*	consistent	1 *UJ*	1 *UJ*	consistent
Endrin ketone	µg/kg-dw	1 *UJ*	1.05 *UJ*	consistent	1 *UJ*	1.03 *UJ*	consistent	1 *UR*	1 *UJ*	-	1 *UJ*	1 *UJ*	consistent	1 *UJ*	1 *UJ*	consistent
Heptachlor	µg/kg-dw	1 *UJ*	1.05 *U*	consistent	1 *U*	1.03 *U*	consistent	1 *UR*	1 *UJ*	-	1 *UJ*	1 *UJ*	consistent	1 *UJ*	3.2 *J*	inconsistent
Heptachlor epoxide	µg/kg-dw	1 *UJ*	1.05 *U*	consistent	1 *U*	1.03 *U*	consistent	3.63 *J*	1 *UJ*	inconsistent	1 *UJ*	1 *UJ*	consistent	17 *J*	1 *UJ*	inconsistent
Methoxychlor	µg/kg-dw	1 *UJ*	1.05 *UJ*	consistent	1 *UJ*	1.03 *UJ*	consistent	1 *UR*	1 *UJ*	-	1 *UJ*	1 *UJ*	consistent	1 *UJ*	1 *UJ*	consistent
Toxaphene	µg/kg-dw	100 *UJ*	105 *U*	consistent	100 *U*	103 *U*	consistent	100 *UR*	100 *UJ*	-	100 *UJ*	100 *UJ*	consistent	100 *UJ*	100 *UJ*	consistent

Table B2-38. (cont.)

Station		S309			S310			S312			S313			S314		
Date		7/20/2000			7/20/2000			7/20/2000			7/18/2000			7/19/2000		
Depth (cm)		174 - 274			300 - 400			200 - 300			30 - 100			30 - 100		
Duplicate Number		D1	D2		D1	D2		D1	D2		D1	D2		D1	D2	
Sample Number		VC0066	VC0192		VC0076	VC0186		VC0091	VC0193		VC0097	VC0194		VC0105	VC0200	
Parameter	**Units**			**RPD**			**RPD**			**RPD**			**RPD**			**RPD**
Aldrin	µg/kg-dw	1 *UJ*	1 *UR*	-	1.82 *R*	2.17 *R*	-	2.28 *R*	1 *UR*	-	1 *UJ*	2.6 *R*	-	49.6 *UJ*	1 *UJ*	consistent
alpha-BHC	µg/kg-dw	1 *UJ*	1 *UR*	-	1 *UR*	1.98 *R*	-	2.88 *R*	3.53 *J*	-	1.64 *R*	2.39 *R*	-	11.2 *J*	9.22 *J*	19.4%
beta-BHC	µg/kg-dw	1 *UJ*	1 *UR*	-	1 *UR*	2.33 *R*	-	1 *UR*	1 *UR*	-	4.22 *R*	2.17 *R*	-	1 *UR*	1 *UJ*	-
delta-BHC	µg/kg-dw	1 *UJ*	1 *UR*	-	1 *UR*	1 *UR*	-	1 *UR*	1 *UR*	-	6.08 *R*	1 *UR*	-	1.33 *R*	1 *UJ*	-
gamma-BHC (Lindane)	µg/kg-dw	1 *UJ*	1 *UR*	-	1 *UR*	1 *UR*	-	1 *UR*	1 *UR*	-	1 *UJ*	1 *UJ*	consistent	1 *UJ*	1 *UJ*	consistent
alpha-Chlordane	µg/kg-dw	1 *UJ*	1 *UR*	-	1 *UR*	1.43 *J*	-	1 *UR*	1 *UR*	-	1 *U*	13.3 *J*	inconsistent	1 *UJ*	3.32 *J*	inconsistent
gamma-Chlordane	µg/kg-dw	1 *UJ*	1 *UR*	-	1 *UR*	1.4 *R*	-	1.64 *R*	1 *UR*	-	14.4 *J*	12.1 *J*	17.4%	23.7 *J*	16.3 *J*	37.0%
4,4'-DDD	µg/kg-dw	1 *UJ*	1 *UR*	-	5 *J*	3.88 *J*	25.2%	16 *J*	1 *UR*	-	28.7 *R*	17.2 *R*	-	41.9 *R*	26.6 *R*	-
4,4'-DDE	µg/kg-dw	1 *UJ*	1 *UR*	-	1 *UR*	1 *UR*	-	5.64 *J*	3.45 *J*	48.2%	8.15 *R*	19.3 *J*	-	16.5 *J*	7.24 *J*	78.0%
4,4'-DDT	µg/kg-dw	1 *UJ*	1 *UR*	-	1 *UR*	1 *UR*	-	5.04 *R*	1 *UR*	-	50.3 *J*	29.1 *J*	53.4%	38.8 *J*	27.8 *J*	33.0%
Dieldrin	µg/kg-dw	1 *UJ*	1.06 *J*	inconsistent	3.64 *J*	3.13 *J*	15.1%	3.32 *J*	2.9 *J*	13.5%	15.1 *J*	10.6 *R*	-	28.5 *J*	22.7 *J*	22.7%
Endosulfan I	µg/kg-dw	1 *UJ*	1 *UR*	-	1 *UR*	1 *UR*	-	3.43 *J*	2.95 *J*	15.0%	1 *U*	16.6 *R*	-	1 *UJ*	1 *UJ*	consistent
Endosulfan II	µg/kg-dw	1 *UJ*	1.33 *R*	-	1 *UR*	1 *UR*	-	2.23 *J*	1 *UR*	-	1 *UJ*	1 *UJ*	consistent	1 *UJ*	1 *UJ*	consistent
Endosulfan sulfate	µg/kg-dw	1 *UJ*	1 *UR*	-	1.55 *R*	1 *UR*	-	4.95 *J*	1 *UR*	-	1 *UR*	5.63 *R*	-	1 *UR*	1 *UJ*	-
Endrin	µg/kg-dw	1 *UJ*	1 *UR*	-	1 *UR*	1 *UR*	-	1 *UR*	1 *UR*	-	1 *U*	1 *UJ*	consistent	1 *UJ*	1 *UJ*	consistent
Endrin aldehyde	µg/kg-dw	1 *UJ*	1 *UR*	-	1 *UR*	1 *UR*	-	1 *UR*	1 *UR*	-	1 *U*	1 *UJ*	consistent	1 *UJ*	1 *UJ*	consistent
Endrin ketone	µg/kg-dw	1 *UJ*	1.17 *R*	-	1 *UR*	1 *UR*	-	1 *UR*	1 *UR*	-	1 *UJ*	10.2 *J*	inconsistent	1 *UJ*	1 *UJ*	consistent
Heptachlor	µg/kg-dw	1 *UJ*	1 *UR*	-	1 *UR*	4.54 *J*	-	13.2 *J*	1 *UR*	-	14.4 *J*	8.79 *J*	48.4%	1 *UJ*	1 *UJ*	consistent
Heptachlor epoxide	µg/kg-dw	1 *UJ*	2.77 *J*	inconsistent	1 *UR*	1 *UR*	-	1 *UR*	1 *UR*	-	16.8	15.2 *J*	10.0%	31.8 *J*	26.8 *J*	17.1%
Methoxychlor	µg/kg-dw	1 *UJ*	13.1 *J*	inconsistent	1 *UR*	1 *UR*	-	1 *UR*	1 *UR*	-	1 *U*	1 *UJ*	consistent	1 *UJ*	1 *UJ*	consistent
Toxaphene	µg/kg-dw	100 *UJ*	100 *UR*	-	100 *UR*	100 *UR*	-	100 *UR*	100 *UR*	-	100 *UJ*	100 *UJ*	consistent	100 *UJ*	100 *UJ*	consistent

Table B2-38. (cont.)

	Station	S322			S324			S333			S335			S340		
	Date	7/13/2000			7/13/2000			8/2/2000			8/2/2000			8/15/2000		
	Depth (cm)	400 - 500			30 - 100			30 - 100			100 - 190			0 - 2		
	Duplicate Number	D1	D2		D1	D2		D1	D2		D1	D2		D1	D2	
	Sample Number	VC0173	VC0185		SB0001	SB0068		SB0041	SB0066		SB0024	SB0065		SF0123	SF0123_R	
Parameter	**Units**			**RPD**			**RPD**			**RPD**			**RPD**			**RPD**
Aldrin	µg/kg-dw	1 *U*	1 *U*	consistent	1 *UR*	1 *UJ*	-	1.02 *UR*	1.03 *UR*	-	1.05 *UR*	1.02 *UR*	-	1.09 *UJ*	1.05 *UR*	-
alpha-BHC	µg/kg-dw	1 *UJ*	1 *UJ*	consistent	1 *UR*	1 *UJ*	-	1.02 *UR*	1.03 *UR*	-	1.05 *UR*	1.02 *UR*	-	1.09 *UJ*	1.05 *UR*	-
beta-BHC	µg/kg-dw	1 *UJ*	1 *UJ*	consistent	1 *UR*	1 *UJ*	-	1.02 *UR*	1.03 *UR*	-	1.05 *UR*	1.02 *UR*	-	1.09 *UJ*	1.62 *J*	inconsistent
delta-BHC	µg/kg-dw	1 *UR*	1 *UR*	-	1 *UR*	1 *UR*	-	1.02 *UR*	1.03 *UR*	-	1.05 *UR*	1.02 *UR*	-	1.16 *R*	1.05 *UR*	-
gamma-BHC (Lindane)	µg/kg-dw	1 *UJ*	1 *UJ*	consistent	1 *UR*	1 *UJ*	-	1.02 *UR*	1.03 *UR*	-	1.05 *UR*	1.02 *UR*	-	1.09 *UJ*	1.05 *UR*	-
alpha-Chlordane	µg/kg-dw	1 *U*	1 *U*	consistent	1 *UR*	1 *UJ*	-	1.02 *UR*	1.03 *UR*	-	1.05 *UR*	1.02 *UR*	-	1.09 *UJ*	1.05 *UR*	-
gamma-Chlordane	µg/kg-dw	1 *U*	1 *U*	consistent	1 *UR*	1 *UJ*	-	1.02 *UR*	1.03 *UR*	-	1.05 *UR*	1.02 *UR*	-	1.6 *J*	1.05 *UR*	-
4,4'-DDD	µg/kg-dw	1 *UJ*	1 *UJ*	consistent	1 *UR*	1 *UJ*	-	1.02 *UR*	1.03 *UR*	-	1.05 *UR*	1.02 *UR*	-	1.09 *UR*	1.05 *UR*	-
4,4'-DDE	µg/kg-dw	1 *UJ*	1 *UJ*	consistent	1 *UR*	1.49 *J*	-	1.02 *UR*	1.03 *UR*	-	1.05 *UR*	1.02 *UR*	-	1.09 *UJ*	1.05 *UR*	-
4,4'-DDT	µg/kg-dw	1 *UJ*	1 *UJ*	consistent	1 *UR*	2.14 *J*	-	1.02 *UR*	1.03 *UR*	-	1.05 *UR*	1.02 *UR*	-	2.06 *J*	1.05 *UR*	-
Dieldrin	µg/kg-dw	1 *U*	1 *U*	consistent	3.57 *J*	1 *UJ*	inconsistent	1.02 *UR*	1.03 *UR*	-	1.05 *UR*	1.02 *UR*	-	1.38 *J*	1.05 *UR*	-
Endosulfan I	µg/kg-dw	1 *U*	1 *U*	consistent	1 *UR*	1 *UJ*	-	1.02 *UR*	1.03 *UR*	-	1.05 *UR*	1.02 *UR*	-	1.09 *UJ*	1.05 *UR*	-
Endosulfan II	µg/kg-dw	1 *UJ*	1 *UJ*	consistent	1 *UR*	1 *UJ*	-	1.02 *UR*	1.03 *UR*	-	1.05 *UR*	1.02 *UR*	-	1.09 *UR*	1.05 *UR*	-
Endosulfan sulfate	µg/kg-dw	1 *UR*	1 *UR*	-	1 *UR*	1 *UJ*	-	1.02 *UR*	1.03 *UR*	-	1.05 *UR*	1.02 *UR*	-	1.09 *UR*	1.05 *UR*	-
Endrin	µg/kg-dw	1 *U*	1 *U*	consistent	1 *UR*	1 *UJ*	-	1.02 *UR*	1.03 *UR*	-	1.05 *UR*	1.02 *UR*	-	1.09 *UJ*	1.05 *UR*	-
Endrin aldehyde	µg/kg-dw	1 *U*	1 *U*	consistent	1 *UR*	1 *UJ*	-	1.02 *UR*	1.03 *UR*	-	1.05 *UR*	1.02 *UR*	-	1.09 *UJ*	1.05 *UR*	-
Endrin ketone	µg/kg-dw	1 *UJ*	1 *UJ*	consistent	1 *UR*	1 *UJ*	-	1.02 *UR*	1.03 *UR*	-	1.05 *UR*	1.02 *UR*	-	1.09 *UJ*	1.05 *UR*	-
Heptachlor	µg/kg-dw	1 *U*	1 *U*	consistent	1 *UR*	1 *UJ*	-	1.02 *UR*	1.03 *UR*	-	1.05 *UR*	1.02 *UR*	-	1.09 *UJ*	1.05 *UR*	-
Heptachlor epoxide	µg/kg-dw	1 *U*	1 *U*	consistent	3.16 *J*	1 *UJ*	inconsistent	1.02 *UR*	1.03 *UR*	-	1.05 *UR*	1.02 *UR*	-	2.25 *J*	1.18 *J*	62.4%
Methoxychlor	µg/kg-dw	1 *UJ*	1 *UJ*	consistent	1 *UR*	1 *UJ*	-	1.02 *UR*	1.03 *UR*	-	1.05 *UR*	1.02 *UR*	-	1.09 *UJ*	1.05 *UR*	-
Toxaphene	µg/kg-dw	1 *UJ*	1 *UJ*	consistent	1 *UR*	1 *UJ*	-	102 *UR*	103 *UR*	-	105 *UR*	102 *UR*	-	109 *UJ*	105 *UR*	-

Table B2-38. (cont.)

	Station	S343			S344			S350			S354			S360		
	Date	8/4/2000			7/27/2000			8/5/2000			8/13/2000			8/16/2000		
	Depth (cm)	30 - 100			30 - 100			92 - 200			100 - 200			0 - 2		
	Duplicate Number	D1	D2		D1	D2		D1	D2		D1	D2		D1	D2	
	Sample Number	SB0039	SF0167		SB0019	SB0070		SB0054	SB0067		SB0062	SB0069		SF0010	SF0066	
Parameter	Units			RPD			RPD			RPD			RPD			RPD
Aldrin	µg/kg-dw	1.02 *UJ*	1.02 *UJ*	consistent	1.02 *UJ*	18.7 *R*	-	1.08 *U*	1.17 *UJ*	consistent	1.67 *R*	2.83 *R*	-	1.1 *UJ*	1.06 *UJ*	consistent
alpha-BHC	µg/kg-dw	1.02 *UJ*	1.02 *UJ*	consistent	4.02 *R*	3.98 *J*	-	1.08 *UJ*	1.17 *UJ*	consistent	1.06 *UJ*	4.43 *J*	inconsistent	1.1 *UJ*	1.06 *UJ*	consistent
beta-BHC	µg/kg-dw	1.57 *R*	1.02 *UJ*	-	1.02 *U*	1.01 *UJ*	consistent	1.08 *UJ*	1.17 *UJ*	consistent	1.06 *UJ*	1.07 *UJ*	consistent	1.1 *UJ*	1.06 *UJ*	consistent
delta-BHC	µg/kg-dw	2.12 *J*	1.08 *J*	65.0%	1.02 *UJ*	1.01 *UR*	-	1.98 *J*	1.64 *R*	-	8.73 *J*	1.07 *UR*	-	1.1 *UR*	1.06 *UR*	-
gamma-BHC (Lindane)	µg/kg-dw	1.02 *UJ*	1.02 *UJ*	consistent	18.6 *J*	1.01 *UR*	-	1.08 *UJ*	1.17 *UJ*	consistent	1.06 *UJ*	1.07 *UJ*	consistent	1.1 *UR*	1.06 *UR*	-
alpha-Chlordane	µg/kg-dw	1.02 *UJ*	1.02 *UJ*	consistent	1.49 *J*	1.01 *UJ*	inconsistent	1.08 *UJ*	1.17 *UJ*	consistent	1.73 *R*	6.07 *J*	-	1.1 *UJ*	1.06 *UJ*	consistent
gamma-Chlordane	µg/kg-dw	1.02 *UJ*	1.02 *UJ*	consistent	4.27 *R*	6.08 *R*	-	1.08 *U*	5.39 *J*	inconsistent	4.51 *R*	14.8 *J*	-	1.1 *UJ*	1.06 *UJ*	consistent
4,4'-DDD	µg/kg-dw	1.02 *UJ*	1.02 *UJ*	consistent	1.02 *UJ*	1.01 *UJ*	consistent	1.08 *UJ*	1.17 *UJ*	consistent	1.06 *UJ*	5.48 *R*	-	1.1 *UR*	1.06 *UR*	-
4,4'-DDE	µg/kg-dw	1.02 *U*	2.8 *J*	inconsistent	1.57 *R*	14.4 *J*	-	1.08 *UJ*	1.17 *UJ*	consistent	5.24 *R*	15.2 *J*	-	1.46 *R*	1.06 *UJ*	-
4,4'-DDT	µg/kg-dw	1.02 *UJ*	1.02 *UR*	-	8 *J*	9.55 *J*	17.7%	1.08 *UJ*	3.77 *R*	-	7.62 *R*	13.7 *J*	-	6.59 *J*	1.71 *J*	117.6%
Dieldrin	µg/kg-dw	1.05 *J*	1.02 *U*	inconsistent	7.88 *J*	8.4 *J*	6.4%	1.08 *U*	1.17 *UJ*	consistent	5.9 *J*	14.2 *J*	82.6%	4.85 *J*	1.06 *UJ*	inconsistent
Endosulfan I	µg/kg-dw	1.02 *UJ*	1.02 *UJ*	consistent	2.7 *J*	1.01 *UJ*	inconsistent	1.08 *UJ*	1.17 *UJ*	consistent	1.06 *UJ*	1.35 *R*	-	1.1 *UJ*	1.06 *UJ*	consistent
Endosulfan II	µg/kg-dw	1.02 *UJ*	1.02 *UJ*	consistent	1.02 *UJ*	1.01 *UR*	-	1.08 *UJ*	1.17 *UJ*	consistent	1.06 *UR*	1.07 *UR*	-	1.1 *UR*	1.06 *UR*	-
Endosulfan sulfate	µg/kg-dw	1.02 *UJ*	1.11 *J*	inconsistent	3.64 *J*	7.79 *R*	-	1.08 *UJ*	1.17 *UJ*	consistent	1.06 *UR*	1.24 *R*	-	1.1 *UR*	1.06 *UR*	-
Endrin	µg/kg-dw	1.02 *U*	1.02 *U*	consistent	1.02 *U*	1.01 *U*	consistent	1.08 *U*	1.17 *UJ*	consistent	1.06 *UJ*	1.07 *UJ*	consistent	1.1 *UJ*	1.06 *UJ*	consistent
Endrin aldehyde	µg/kg-dw	1.02 *UJ*	1.02 *UJ*	consistent	1.02 *UJ*	1.01 *UJ*	consistent	1.08 *UJ*	1.17 *UJ*	consistent	1.06 *UJ*	1.07 *UJ*	consistent	1.1 *UJ*	1.06 *UJ*	consistent
Endrin ketone	µg/kg-dw	1.02 *UJ*	1.02 *UJ*	consistent	1.02 *UJ*	1.01 *UJ*	consistent	1.08 *UJ*	1.17 *UJ*	consistent	1.06 *UJ*	1.07 *UJ*	consistent	1.1 *UJ*	1.06 *UJ*	consistent
Heptachlor	µg/kg-dw	1.02 *U*	1.02 *U*	consistent	1.02 *U*	1.01 *U*	consistent	1.08 *U*	1.17 *UJ*	consistent	1.06 *UJ*	1.07 *UJ*	consistent	1.1 *UJ*	1.06 *UJ*	consistent
Heptachlor epoxide	µg/kg-dw	6.59 *J*	1.86 *R*	-	13.3 *J*	14.3 *J*	7.2%	1.08 *U*	1.17 *UJ*	consistent	8.93 *J*	10.1 *J*	12.3%	2.91 *J*	1.69 *J*	53.0%
Methoxychlor	µg/kg-dw	1.02 *UJ*	1.96 *J*	inconsistent	1.02 *UJ*	1.01 *UJ*	consistent	1.08 *UJ*	1.17 *UJ*	consistent	1.06 *UJ*	1.07 *UJ*	consistent	1.1 *UJ*	1.06 *UJ*	consistent
Toxaphene	µg/kg-dw	102 *UJ*	102 *UJ*	consistent	102 *U*	101 *U*	consistent	108 *U*	117 *UJ*	consistent	106 *UJ*	107 *UJ*	consistent	110 *UJ*	106 *UJ*	consistent

Table B2-38. (cont.)

Station	S360			S360			S361			S363			S372		
Date	8/16/2000			8/16/2000			8/15/2000			8/15/2000			8/17/2000		
Depth (cm)	2 - 15			15 - 30			0 - 15			2 - 15			15 - 30		
Duplicate Number	D1	D2		D1	D2		D1	D2		D1	D2		D1	D2	
Sample Number	SF0011	SF0164		SF0012	SF0169		SF0013	SF0163		SF0018	SF0175		SF0039	SF0165	
Parameter	**Units**		**RPD**			**RPD**			**RPD**			**RPD**			**RPD**
Aldrin	µg/kg-dw	1.09 *UJ*	1.08 *UJ*	consistent	1.08 *UJ*	1.07 *UJ*	consistent	1.09 *UJ*	1.04 *U*	consistent	1.08 *UJ*	1.08 *U*	consistent	1.08 *UR*	1.06 *UR*	-
alpha-BHC	µg/kg-dw	1.09 *UJ*	1.08 *UJ*	consistent	1.08 *UJ*	1.07 *UJ*	consistent	1.09 *UJ*	1.04 *UJ*	consistent	1.08 *UJ*	1.08 *UJ*	consistent	1.08 *UR*	1.06 *UR*	-
beta-BHC	µg/kg-dw	1.09 *UJ*	1.08 *UJ*	consistent	1.08 *UJ*	1.07 *UJ*	consistent	1.09 *UJ*	1.04 *U*	consistent	1.08 *UJ*	1.08 *U*	consistent	1.08 *UR*	1.06 *UR*	-
delta-BHC	µg/kg-dw	1.09 *UR*	1.08 *UR*	-	1.08 *UR*	1.07 *UR*	-	1.09 *UR*	1.04 *UR*	-	1.08 *UR*	1.08 *UR*	-	1.08 *UR*	1.06 *UR*	-
gamma-BHC (Lindane)	µg/kg-dw	1.09 *UR*	1.08 *UR*	-	1.08 *UR*	1.07 *UR*	-	1.09 *UJ*	1.04 *UJ*	consistent	1.08 *UJ*	1.08 *UJ*	consistent	1.08 *UR*	1.06 *UR*	-
alpha-Chlordane	µg/kg-dw	1.09 *UJ*	1.08 *UJ*	consistent	1.08 *UJ*	1.07 *UJ*	consistent	1.09 *UJ*	1.04 *UJ*	consistent	1.08 *UJ*	1.08 *UJ*	consistent	1.08 *UR*	1.06 *UR*	-
gamma-Chlordane	µg/kg-dw	1.09 *UJ*	1.08 *UJ*	consistent	1.08 *UJ*	1.07 *UJ*	consistent	1.09 *UJ*	1.04 *U*	consistent	1.08 *UJ*	1.08 *U*	consistent	1.08 *UR*	1.06 *UR*	-
4,4'-DDD	µg/kg-dw	1.09 *UR*	1.08 *UR*	-	1.08 *UR*	1.07 *UR*	-	1.09 *UR*	1.04 *UJ*	-	1.08 *UR*	1.08 *UJ*	-	1.08 *UR*	1.06 *UR*	-
4,4'-DDE	µg/kg-dw	1.09 *UJ*	1.08 *UJ*	consistent	1.08 *UJ*	1.07 *UJ*	consistent	1.09 *UJ*	1.04 *UJ*	consistent	1.08 *UJ*	1.08 *UJ*	consistent	1.08 *UR*	1.06 *UR*	-
4,4'-DDT	µg/kg-dw	1.62 *J*	1.08 *UR*	-	1.08 *UR*	1.07 *UR*	-	1.09 *UJ*	1.04 *UJ*	consistent	1.21 *J*	1.42 *J*	16.0%	1.08 *UR*	1.06 *UR*	-
Dieldrin	µg/kg-dw	1.09 *UJ*	1.08 *UJ*	consistent	1.08 *UJ*	1.07 *UJ*	consistent	1.09 *UJ*	1.04 *U*	consistent	1.08 *UJ*	1.08 *U*	consistent	1.08 *UR*	1.06 *UR*	-
Endosulfan I	µg/kg-dw	1.09 *UJ*	1.08 *UJ*	consistent	1.08 *UJ*	1.07 *UJ*	consistent	1.09 *UJ*	1.04 *UJ*	consistent	1.08 *UJ*	1.08 *UJ*	consistent	1.08 *UR*	1.06 *UR*	-
Endosulfan II	µg/kg-dw	1.09 *UR*	1.08 *UR*	-	1.08 *UR*	1.07 *UR*	-	1.09 *UR*	1.04 *UR*	-	1.08 *UR*	1.08 *UR*	-	1.08 *UR*	1.06 *UR*	-
Endosulfan sulfate	µg/kg-dw	1.09 *UR*	1.08 *UR*	-	1.08 *UR*	1.07 *UR*	-	1.09 *UR*	1.04 *UR*	-	1.08 *UR*	1.08 *UR*	-	1.08 *UR*	1.06 *UR*	-
Endrin	µg/kg-dw	1.09 *UJ*	1.08 *UJ*	consistent	1.08 *UJ*	1.07 *UJ*	consistent	1.09 *UJ*	1.04 *UJ*	consistent	1.17 *J*	1.08 *UJ*	inconsistent	1.08 *UR*	1.06 *UR*	-
Endrin aldehyde	µg/kg-dw	1.09 *UJ*	1.08 *UJ*	consistent	1.08 *UJ*	1.07 *UJ*	consistent	1.09 *UJ*	1.04 *UJ*	consistent	1.08 *UJ*	1.08 *UJ*	consistent	1.08 *UR*	1.06 *UR*	-
Endrin ketone	µg/kg-dw	1.09 *UJ*	1.08 *UJ*	consistent	1.08 *UJ*	1.07 *UJ*	consistent	1.09 *UJ*	1.04 *UJ*	consistent	1.08 *UJ*	1.08 *UJ*	consistent	1.08 *UR*	1.06 *UR*	-
Heptachlor	µg/kg-dw	1.09 *UJ*	1.08 *UJ*	consistent	1.08 *UJ*	1.07 *UJ*	consistent	1.09 *UJ*	1.04 *U*	consistent	1.08 *UJ*	1.08 *U*	consistent	1.08 *UR*	1.06 *UR*	-
Heptachlor epoxide	µg/kg-dw	1.09 *UJ*	1.08 *UJ*	consistent	1.08 *UJ*	1.07 *UJ*	consistent	1.09 *J*	1.04 *U*	inconsistent	1.08 *UJ*	1.08 *U*	consistent	1.08 *UR*	1.06 *UR*	-
Methoxychlor	µg/kg-dw	1.09 *UJ*	1.08 *UJ*	consistent	1.08 *UJ*	1.07 *UJ*	consistent	1.09 *UJ*	1.04 *UJ*	consistent	1.08 *UJ*	1.08 *UJ*	consistent	1.08 *UR*	1.06 *UR*	-
Toxaphene	µg/kg-dw	109 *UJ*	108 *UJ*	consistent	108 *UJ*	107 *UJ*	consistent	109 *UJ*	104 *UJ*	consistent	108 *UJ*	108 *UJ*	consistent	108 *UR*	106 *UR*	-

Table B2-39. Field Duplicate Results for PCBs in Lake Bottom Sediments

	Station	S301			S303			S304			S306			S308			S309		
	Date	7/22/2000			7/22/2000			7/21/2000			7/21/2000			7/18/2000			7/20/2000		
	Depth (cm)	56 - 156			300 - 400			200 - 300			500 - 600			30 - 100			174 - 274		
	Duplicate Number	D1	D2		D1	D2		D1	D2		D1	D2		D1	D2		D1	D2	
	Sample Number	VC0002	VC0195		VC0020	VC0198		VC0027	VC0201		VC0046	VC0199		VC0057	VC0191		VC0066	VC0192	
Parameter	**Units**			**RPD**			**RPD**			**RPD**			**RPD**			**RPD**			**RPD**
Aroclor 1016	µg/kg-dw	50 *U*	52.4 *U*	consistent	50 *U*	51.5 *U*	consistent	500 *U*	250 *U*	consistent	50 *U*	50 *U*	consistent	200 *U*	500 *U*	consistent	100 *U*	300 *U*	consistent
Aroclor 1221	µg/kg-dw	50 *U*	52.4 *U*	consistent	50 *U*	51.5 *U*	consistent	500 *U*	250 *U*	consistent	50 *U*	50 *U*	consistent	200 *U*	500 *U*	consistent	100 *U*	300 *U*	consistent
Aroclor 1232	µg/kg-dw	50 *U*	52.4 *U*	consistent	50 *U*	51.5 *U*	consistent	500 *U*	250 *U*	consistent	50 *U*	50 *U*	consistent	200 *U*	500 *U*	consistent	100 *U*	300 *U*	consistent
Aroclor 1242	µg/kg-dw	141 *J*	199 *J*	34.1%	50 *U*	51.5 *U*	consistent	208 *J*	168 *J*	21.3%	50 *U*	50 *U*	consistent	660 *J*	915 *J*	32.4%	45.8 *J*	300 *U*	-
Aroclor 1248	µg/kg-dw	50 *U*	52.4 *U*	consistent	50 *U*	51.5 *U*	consistent	500 *U*	250 *U*	consistent	50 *U*	50 *U*	consistent	200 *U*	500 *U*	consistent	100 *U*	300 *U*	consistent
Aroclor 1254	µg/kg-dw	97.7 *J*	155 *J*	45.4%	50 *U*	51.5 *U*	consistent	103 *J*	104 *J*	1.0%	50 *U*	50 *U*	consistent	576 *J*	829 *J*	36.0%	100 *U*	300 *U*	consistent
Aroclor 1260	µg/kg-dw	41.9 *J*	69.9 *J*	50.1%	50 *U*	51.5 *U*	consistent	500 *U*	250 *U*	consistent	50 *U*	50 *U*	consistent	199 *J*	277 *J*	32.8%	100 *U*	300 *U*	consistent
Aroclor 1268	µg/kg-dw	48.5 *J*	86.5	56.3%	50 *U*	51.5 *U*	consistent	500 *U*	141 *J*	-	50 *U*	50 *U*	consistent	200 *U*	500 *U*	consistent	100 *U*	300 *U*	consistent

Table B2-39. (cont.)

Station		S310			S312			S313			S314			S322		
Date		7/20/2000			7/20/2000			7/18/2000			7/19/2000			7/13/2000		
Depth (cm)		300 - 400			200 - 300			30 - 100			30 - 100			400 - 500		
Duplicate Number		D1	D2		D1	D2		D1	D2		D1	D2		D1	D2	
Sample Number		VC0076	VC0186		VC0091	VC0193		VC0097	VC0194		VC0105	VC0200		VC0173	VC0185	
Parameter	**Units**			**RPD**			**RPD**			**RPD**			**RPD**			**RPD**
Aroclor 1016	µg/kg-dw	50 *U*	500 *U*	consistent	300 *U*	500 *U*	consistent	200 *UJ*	250 *U*	consistent	1500 *U*	500 *U*	consistent	50 *U*	50 *U*	consistent
Aroclor 1221	µg/kg-dw	50 *U*	500 *U*	consistent	300 *U*	500 *U*	consistent	200 *UJ*	250 *U*	consistent	1500 *U*	500 *U*	consistent	50 *U*	50 *U*	consistent
Aroclor 1232	µg/kg-dw	50 *U*	500 *U*	consistent	300 *U*	500 *U*	consistent	200 *UJ*	250 *U*	consistent	1500 *U*	500 *U*	consistent	50 *U*	50 *U*	consistent
Aroclor 1242	µg/kg-dw	50 *U*	500 *U*	consistent	492 *J*	181 *J*	92.4%	200 *UJ*	623 *J*	inconsistent	5220 *J*	1460 *J*	112.6%	50 *U*	50 *U*	consistent
Aroclor 1248	µg/kg-dw	50 *U*	500 *U*	consistent	300 *U*	500 *U*	consistent	730 *J*	250 *U*	inconsistent	1500 *U*	500 *U*	consistent	50 *U*	50 *U*	consistent
Aroclor 1254	µg/kg-dw	50 *U*	500 *U*	consistent	300 *U*	500 *U*	consistent	480 *J*	417 *J*	14.0%	1500 *U*	500 *U*	consistent	50 *U*	50 *U*	consistent
Aroclor 1260	µg/kg-dw	50 *U*	500 *U*	consistent	300 *U*	500 *U*	consistent	404 *J*	277 *J*	37.3%	874 *J*	246 *J*	112.1%	50 *U*	50 *U*	consistent
Aroclor 1268	µg/kg-dw	50 *U*	500 *U*	consistent	300 *U*	500 *U*	consistent	200 *UJ*	250 *U*	consistent	1500 *U*	500 *U*	consistent	50 *U*	50 *U*	consistent

Table B2-39. (cont.)

Station		S324			S333			S335			S340			S343		
Date		7/13/2000			8/2/2000			8/2/2000			8/15/2000			8/4/2000		
Depth (cm)		30 - 100			30 - 100			100 - 190			0 - 2			30 - 100		
Duplicate Number		D1	D2		D1	D2		D1	D2		D1	D2		D1	D2	
Sample Number		SB0001	SB0068		SB0041	SB0066		SB0024	SB0065		SF0123	SF0123_R		SB0039	SF0167	
Parameter	**Units**			**RPD**			**RPD**			**RPD**			**RPD**			**RPD**
Aroclor 1016	µg/kg-dw	50 *U*	50 *U*	consistent	51 *U*	52 *U*	consistent	52.6 *U*	51.3 *U*	consistent	54.3 *UJ*	52.3 *UJ*	consistent	51.2 *U*	50.8 *UJ*	consistent
Aroclor 1221	µg/kg-dw	50 *U*	50 *U*	consistent	51 *U*	52 *U*	consistent	52.6 *U*	51.3 *U*	consistent	54.3 *UJ*	52.3 *UJ*	consistent	51.2 *U*	50.8 *UJ*	consistent
Aroclor 1232	µg/kg-dw	50 *U*	50 *U*	consistent	51 *U*	52 *U*	consistent	52.6 *U*	51.3 *U*	consistent	54.3 *UJ*	52.3 *UJ*	consistent	51.2 *U*	50.8 *UJ*	consistent
Aroclor 1242	µg/kg-dw	50 *U*	50 *U*	consistent	19.9 *J*	52 *U*	-	52.6 *U*	51.3 *U*	consistent	33 *J*	16.4 *J*	67.2%	200 *J*	256 *J*	24.6%
Aroclor 1248	µg/kg-dw	127 *J*	61.7 *J*	69.2%	51 *U*	52 *U*	consistent	52.6 *U*	51.3 *U*	consistent	54.3 *UJ*	52.3 *UJ*	consistent	51.2 *U*	50.8 *UJ*	consistent
Aroclor 1254	µg/kg-dw	82.1 *J*	51.4 *J*	46.0%	51 *U*	52 *U*	consistent	52.6 *U*	51.3 *U*	consistent	33.7 *J*	52.3 *UJ*	-	51.2 *U*	19.7 *J*	-
Aroclor 1260	µg/kg-dw	24.9 *J*	17.1 *J*	37.1%	51 *U*	52 *U*	consistent	52.6 *U*	51.3 *U*	consistent	24.3 *J*	52.3 *UJ*	-	51.2 *U*	22 *J*	-
Aroclor 1268	µg/kg-dw	50 *U*	50 *U*	consistent	51 *U*	52 *U*	consistent	52.6 *U*	51.3 *U*	consistent	54.3 *UJ*	52.3 *UJ*	consistent	51.2 *U*	50.8 *UJ*	consistent

Table B2-39. (cont.)

Station		S344			S350			S354			S360			S360		
Date		7/27/2000			8/5/2000			8/13/2000			8/16/2000			8/16/2000		
Depth (cm)		30 - 100			92 - 200			100 - 200			0 - 2			2 - 15		
Duplicate Number		D1	D2		D1	D2		D1	D2		D1	D2		D1	D2	
Sample Number		SB0019	SB0070		SB0054	SB0067		SB0062	SB0069		SF0010	SF0066		SF0011	SF0164	
Parameter	**Units**			**RPD**			**RPD**			**RPD**			**RPD**			**RPD**
Aroclor 1016	µg/kg-dw	512 *U*	506 *U*	consistent	53.8 *U*	55.3 *U*	consistent	52.8 *U*	53.3 *U*	consistent	54.9 *U*	52.9 *U*	consistent	54.7 *U*	54.1 *U*	consistent
Aroclor 1221	µg/kg-dw	512 *U*	506 *U*	consistent	53.8 *U*	55.3 *U*	consistent	52.8 *U*	1030 *J*	inconsistent	54.9 *U*	52.9 *U*	consistent	54.7 *U*	54.1 *U*	consistent
Aroclor 1232	µg/kg-dw	512 *U*	506 *U*	consistent	53.8 *U*	55.3 *U*	consistent	52.8 *U*	53.3 *U*	consistent	54.9 *U*	52.9 *U*	consistent	54.7 *U*	54.1 *U*	consistent
Aroclor 1242	µg/kg-dw	1370 *J*	1590 *J*	14.9%	137 *J*	119 *J*	14.1%	270 *J*	550 *J*	68.3%	17.3 *J*	29 *J*	50.5%	11.8 *J*	54.1 *U*	-
Aroclor 1248	µg/kg-dw	512 *U*	506 *U*	consistent	53.8 *U*	55.3 *U*	consistent	52.8 *U*	53.3 *U*	consistent	54.9 *U*	52.9 *U*	consistent	54.7 *U*	54.1 *U*	consistent
Aroclor 1254	µg/kg-dw	172 *J*	164 *J*	4.8%	308 *J*	219 *J*	33.8%	102 *J*	506 *J*	132.9%	142 *J*	38.4 *J*	114.9%	26 *J*	12.7 *J*	68.7%
Aroclor 1260	µg/kg-dw	142 *J*	128 *J*	10.4%	615 *J*	543 *J*	12.4%	65.6 *UJ*	154 *J*	inconsistent	35.4 *J*	52.9 *U*	-	54.7 *U*	54.1 *U*	consistent
Aroclor 1268	µg/kg-dw	512 *U*	506 *U*	consistent	53.8 *U*	55.3 *U*	consistent	52.8 *U*	53.3 *U*	consistent	54.9 *U*	75.6 *J*	inconsistent	313 *J*	54.1 *U*	inconsistent

Table B2-39. (cont.)

Station	S360			S361			S363			S372			S372		
Date	8/16/2000			8/15/2000			8/15/2000			8/17/2000			8/2/2000		
Depth (cm)	15 - 30			0 - 15			2 - 15			15 - 30			2 - 14		
Duplicate Number	D1	D2		D1	D2		D1	D2		D1	D2		D1	D2	
Sample Number	SF0012	SF0169		SF0013	SF0163		SF0018	SF0175		SF0039	SF0165		BC0028	BC0032	
Parameter	**Units**		**RPD**			**RPD**			**RPD**			**RPD**			**RPD**
Aroclor 1016	µg/kg-dw	53.9 *U*	53.3 *U*	consistent	54.4 *U*	51.9 *U*	consistent	54 *UJ*	54 *U*	consistent	54.1 *U*	52.9 *U*	consistent	50.5 *U*	51 *U*	consistent
Aroclor 1221	µg/kg-dw	53.9 *U*	53.3 *U*	consistent	54.4 *U*	51.9 *U*	consistent	54 *UJ*	54 *U*	consistent	54.1 *U*	52.9 *U*	consistent	50.5 *U*	51 *U*	consistent
Aroclor 1232	µg/kg-dw	53.9 *U*	53.3 *U*	consistent	54.4 *U*	51.9 *U*	consistent	54 *UJ*	54 *U*	consistent	54.1 *U*	52.9 *U*	consistent	50.5 *U*	51 *U*	consistent
Aroclor 1242	µg/kg-dw	53.9 *U*	53.3 *U*	consistent	54.4 *U*	51.9 *U*	consistent	21 *J*	18.1 *J*	14.8%	54.1 *U*	52.9 *U*	consistent	50.5 *U*	51 *U*	consistent
Aroclor 1248	µg/kg-dw	53.9 *U*	53.3 *U*	consistent	54.4 *U*	51.9 *U*	consistent	54 *UJ*	54 *U*	consistent	54.1 *U*	52.9 *U*	consistent	50.5 *U*	51 *U*	consistent
Aroclor 1254	µg/kg-dw	53.9 *U*	53.3 *U*	consistent	54.4 *U*	51.9 *U*	consistent	15.5 *J*	20.2 *J*	26.3%	54.1 *U*	52.9 *U*	consistent	50.5 *U*	51 *U*	consistent
Aroclor 1260	µg/kg-dw	53.9 *U*	53.3 *U*	consistent	54.4 *U*	51.9 *U*	consistent	54 *UJ*	14.6 *J*	-	54.1 *U*	52.9 *U*	consistent	50.5 *U*	51 *U*	consistent
Aroclor 1268	µg/kg-dw	53.9 *U*	53.3 *U*	consistent	54.4 *U*	51.9 *U*	consistent	54 *UJ*	54 *U*	consistent	54.1 *U*	52.9 *U*	consistent	50.5 *U*	51 *U*	consistent

Table B2-40. Field Duplicate Results for PCDD/PCDFs in Lake Bottom Sediments

	Station	S308			S322			S333			S335		
	Date	7/18/2000			7/13/2000			8/2/2000			8/2/2000		
	Depth (cm)	30 - 100			400 - 500			30 - 100			100 - 190		
	Duplicate Number	D1	D2		D1	D2		D1	D2		D1	D2	
	Sample Number	VC0057	VC0191		VC0173	VC0185		SB0041	SB0066		SB0024	SB0065	
Parameter	**Units**			**RPD**			**RPD**			**RPD**			**RPD**
2,3,7,8-Tetrachlorodibenzodioxin	ng/kg-dw	8.01	7.68	4.2%	0.1 *U*	0.1 *U*	consistent	0.1 *U*	0.1 *U*	consistent	0.15 *U*	0.16 *U*	consistent
1,2,3,7,8-Pentachlorodibenzodioxin	ng/kg-dw	19.5	17.7	9.7%	0.1 *U*	0.1 *U*	consistent	0.1 *U*	0.1 *U*	consistent	0.1 *U*	0.1 *U*	consistent
1,2,3,4,7,8-Hexachlorodibenzodioxin	ng/kg-dw	12.9	12	7.2%	0.1 *U*	0.1 *U*	consistent	0.1 *U*	0.1 *U*	consistent	0.1 *U*	0.1 *U*	consistent
1,2,3,6,7,8-Hexachlorodibenzodioxin	ng/kg-dw	70.2	64.9	7.8%	0.1 *U*	0.1 *U*	consistent	0.1 *U*	0.1 *U*	consistent	0.1 *U*	0.1 *U*	consistent
1,2,3,7,8,9-Hexachlorodibenzodioxin	ng/kg-dw	49.5	49.9	0.8%	0.1 *U*	0.1 *U*	consistent	0.1 *U*	0.1 *U*	consistent	0.1 *U*	0.1 *U*	consistent
1,2,3,4,6,7,8-Heptachlorodibenzodioxin	ng/kg-dw	826	745	10.3%	0.27 *U*	0.34 *U*	consistent	0.22 *U*	0.33 *U*	consistent	0.19 *U*	0.34 *U*	consistent
Total tetrachlorodibenzodioxins	ng/kg-dw	69.1	85.8	21.6%	0.1 *U*	0.1 *U*	consistent	0.1 *U*	0.18 *J*	inconsistent	0.15 *U*	0.16 *U*	consistent
Total pentachlorodibenzodioxins	ng/kg-dw	142	132	7.3%	0.1 *U*	0.1 *U*	consistent	0.1 *U*	0.1 *U*	consistent	0.1 *U*	0.1 *U*	consistent
Total hexachlorodibenzodioxins	ng/kg-dw	576	543	5.9%	0.1 *U*	0.1 *U*	consistent	0.1 *U*	0.324 *J*	inconsistent	0.1 *U*	0.1 *U*	consistent
Total heptachlorodibenzodioxins	ng/kg-dw	1,640	1,490	9.6%	0.524 *J*	0.665 *J*	23.7%	0.46 *U*	0.33 *U*	consistent	0.19 *U*	0.1 *U*	consistent
Octachlorodibenzodioxin	ng/kg-dw	3,580	3,030	16.6%	2.1 *U*	2 *U*	consistent	1.2 *U*	1.9 *U*	consistent	1.1 *U*	0.82 *U*	consistent
2,3,7,8-Tetrachlorodibenzofuran	ng/kg-dw	154	133	14.6%	0.1 *U*	0.1 *U*	consistent	0.444 *J*	0.313 *J*	34.6%	0.12 *U*	0.12 *U*	consistent
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg-dw	58.7	51.7	12.7%	0.1 *U*	0.1 *U*	consistent	0.104 *J*	0.1 *U*	inconsistent	0.1 *U*	0.1 *U*	consistent
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg-dw	83	77.2	7.2%	0.1 *U*	0.1 *U*	consistent	0.14 *J*	0.232 *J*	49.5%	0.1 *U*	0.1 *U*	consistent
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg-dw	112	96.6	14.8%	0.1 *U*	0.1 *U*	consistent	0.11 *U*	0.2 *U*	consistent	0.1 *U*	0.1 *U*	consistent
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg-dw	35.4	29.7	17.5%	0.1 *U*	0.1 *U*	consistent	0.1 *U*	0.1 *J*	inconsistent	0.1 *U*	0.1 *U*	consistent
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg-dw	2.96	2.28	26.0%	0.1 *U*	0.1 *U*	consistent	0.1 *U*	0.1 *U*	consistent	0.1 *U*	0.1 *U*	consistent
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg-dw	19.9	16.6	18.1%	0.1 *U*	0.1 *U*	consistent	0.1 *U*	0.1 *U*	consistent	0.1 *U*	0.1 *U*	consistent
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg-dw	566	512	10.0%	0.14 *U*	0.1 *U*	consistent	0.16 *U*	0.33 *U*	consistent	0.1 *U*	0.1 *U*	consistent
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg-dw	32.8	30	8.9%	0.1 *U*	0.1 *U*	consistent	0.1 *U*	0.1 *U*	consistent	0.1 *U*	0.1 *U*	consistent
Total tetrachlorodibenzofurans	ng/kg-dw	894	794	11.8%	0.138 *J*	0.1 *U*	inconsistent	5.12	6.28	20.4%	0.12 *U*	0.12 *U*	consistent
Total pentachlorodibenzofurans	ng/kg-dw	559	510	9.2%	0.1 *U*	0.1 *U*	consistent	1.11	1.45	26.6%	0.1 *U*	0.1 *U*	consistent
Total hexachlorodibenzofurans	ng/kg-dw	752	674	10.9%	0.1 *U*	0.1 *U*	consistent	0.267 *J*	0.458 *J*	52.7%	0.1 *U*	0.1 *U*	consistent
Total heptachlorodibenzofurans	ng/kg-dw	1,380	1,260	9.1%	0.1 *U*	0.1 *U*	consistent	0.1 *U*	0.1 *U*	consistent	0.1 *U*	0.1 *U*	consistent
Octachlorodibenzofuran	ng/kg-dw	702	620	12.4%	0.19 *U*	0.22 *U*	consistent	0.18 *U*	0.17 *U*	consistent	0.26 *U*	0.33 *U*	consistent

Table B2-40. (cont.)

Station	S360			S360			S360		
Date	8/16/2000			8/16/2000			8/16/2000		
Depth (cm)	0 - 2			2 - 15			15 - 30		
Duplicate Number	D1	D2		D1	D2		D1	D2	
Sample Number	SF0010	SF0066		SF0011	SF0164		SF0012	SF0169	
Parameter	**Units**		**RPD**			**RPD**			**RPD**
2,3,7,8-Tetrachlorodibenzodioxin	ng/kg-dw	0.586 *J*	0.1 *U*	inconsistent	0.09 *U*	0.1 *U*	consistent	0.09 *U*	0.1 *U*	consistent
1,2,3,7,8-Pentachlorodibenzodioxin	ng/kg-dw	0.583 *J*	0.667 *J*	13.4%	0.09 *U*	0.152 *J*	inconsistent	0.09 *U*	0.1 *U*	consistent
1,2,3,4,7,8-Hexachlorodibenzodioxin	ng/kg-dw	0.563 *J*	0.476 *J*	16.7%	0.319 *J*	0.145 *J*	75.0%	0.09 *U*	0.1 *U*	consistent
1,2,3,6,7,8-Hexachlorodibenzodioxin	ng/kg-dw	1.84 *J*	1.81 *J*	1.6%	1.24 *J*	0.997 *J*	21.7%	0.09 *U*	0.1 *U*	consistent
1,2,3,7,8,9-Hexachlorodibenzodioxin	ng/kg-dw	1.42 *J*	1.24 *J*	13.5%	0.863 *J*	0.575 *J*	40.1%	0.09 *U*	0.1 *U*	consistent
1,2,3,4,6,7,8-Heptachlorodibenzodioxin	ng/kg-dw	30.1	30.4	1.0%	21.3	13.1	47.7%	0.25 *U*	0.25 *U*	consistent
Total tetrachlorodibenzodioxins	ng/kg-dw	14.3	12.7	11.9%	5.86	3.53	49.6%	0.224 *J*	0.246 *J*	9.4%
Total pentachlorodibenzodioxins	ng/kg-dw	2.66	3.84	36.3%	1.31	0.426 *J*	101.8%	0.111 *J*	0.1 *U*	inconsistent
Total hexachlorodibenzodioxins	ng/kg-dw	15.6	14.9	4.6%	8.63	5.86	38.2%	0.091 *J*	0.1 *U*	-
Total heptachlorodibenzodioxins	ng/kg-dw	59.6	62.3	4.4%	42.1	28.5	38.5%	0.09 *U*	0.1 *U*	consistent
Octachlorodibenzodioxin	ng/kg-dw	232	240	3.4%	167	100	50.2%	1.69 *J*	1.2 *U*	inconsistent
2,3,7,8-Tetrachlorodibenzofuran	ng/kg-dw	18	19.2	6.5%	11.2	6.71	50.1%	0.888 *J*	0.742 *J*	17.9%
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg-dw	9.36	6.76	32.3%	3.3	1.56	71.6%	0.175 *J*	0.136 *J*	25.1%
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg-dw	3.65	3.7	1.4%	1.92	0.922 *J*	70.2%	0.291 *J*	0.209 *J*	32.8%
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg-dw	22.4	11	68.3%	4.46	1.85 *J*	82.7%	0.46 *U*	0.23 *U*	consistent
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg-dw	7.07	3.49	67.8%	1.46 *J*	0.543 *J*	91.6%	0.128 *J*	0.1 *U*	inconsistent
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg-dw	0.456 *J*	0.272 *J*	50.5%	0.14 *U*	0.23 *U*	consistent	0.09 *U*	0.1 *U*	consistent
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg-dw	1.1 *J*	0.962 *J*	13.4%	0.543 *J*	0.289 *J*	61.1%	0.09 *U*	0.1 *U*	consistent
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg-dw	25.2	16.4	42.3%	7.41	3.95	60.9%	0.483 *J*	0.333 *J*	36.8%
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg-dw	11	4.3	87.6%	1.56 *J*	0.697 *J*	76.5%	0.119 *J*	0.1 *U*	inconsistent
Total tetrachlorodibenzofurans	ng/kg-dw	72.2	91.4	23.5%	47	23.4	67.0%	4.27	5.01	15.9%
Total pentachlorodibenzofurans	ng/kg-dw	37.1	31.9	15.1%	18.4	7.93	79.5%	1.62	1.09	39.1%
Total hexachlorodibenzofurans	ng/kg-dw	51.5	31.6	47.9%	14.9	4.8	102.5%	0.09 *U*	0.1 *U*	consistent
Total heptachlorodibenzofurans	ng/kg-dw	59.9	36.2	49.3%	17.5	9.29	61.3%	0.602 *J*	0.1 *U*	inconsistent
Octachlorodibenzofuran	ng/kg-dw	126	65.6	63.0%	23.6	10.8	74.4%	1.2 *U*	0.56 *U*	consistent

Table B2-41. Field Duplicate Results for Inorganic and Organometallic Compounds in Lake Bottom Sediments

	Station	S301			S303			S304			S306			S308		
	Date	7/22/2000			7/22/2000			7/21/2000			7/21/2000			7/18/2000		
	Depth (cm)	56 - 156			300 - 400			200 - 300			500 - 600			30 - 100		
	Duplicate Number	D1	D2		D1	D2		D1	D2		D1	D2		D1	D2	
	Sample Number	VC0002	VC0195		VC0020	VC0198		VC0027	VC0201		VC0046	VC0199		VC0057	VC0191	
Parameter	**Units**			**RPD**			**RPD**			**RPD**			**RPD**			**RPD**
Aluminum	mg/kg-dw	3,350	3,090	8.1%	11,600	11,500	0.9%	6,920	6,940	0.3%	11,300	12,300	8.5%	7,140	6,190	14.3%
Antimony	mg/kg-dw	0.35 *UJ*	0.3 *UJ*	consistent	0.35 *UJ*	0.34 *UJ*	consistent	0.38 *UJ*	0.37 *UJ*	consistent	0.34 *UJ*	0.34 *UJ*	consistent	4.5 *J*	4.5 *J*	0.0%
Arsenic	mg/kg-dw	4.8	3.7	25.9%	3.6	3.3	8.7%	11.5	11.8	2.6%	2.3	2.7	16.0%	21.9	22.8	4.0%
Barium	mg/kg-dw	75.9 *J*	73.5	3.2%	98.5	98.8	0.3%	108 *J*	113 *J*	4.5%	95.9 *J*	97.7 *J*	1.9%	2,150	2,220	3.2%
Beryllium	mg/kg-dw	0.33	0.022 *U*	inconsistent	0.58	0.25	79.5%	0.7	0.67	4.4%	0.57	0.6	5.1%	0.52	0.48	8.0%
Cadmium	mg/kg-dw	1.6	1.3	20.7%	0.052 *U*	0.05 *U*	consistent	1.4	1.6	13.3%	0.098	0.16	48.1%	25.7	22.1	15.1%
Calcium	mg/kg-dw	323,000	311,000	3.8%	138,000	126,000	9.1%	378,000	384,000	1.6%	102,000	96,600	5.4%	234,000	237,000	1.3%
Chromium	mg/kg-dw	28 *J*	27	3.6%	18.5	16.4	12.0%	40.2	40.7 *J*	1.2%	16.6 *J*	17.8 *J*	7.0%	2,160	2,080	3.8%
Cobalt	mg/kg-dw	2.1	1.6	27.0%	6	5	18.2%	3.8	3.5	8.2%	5	5.3	5.8%	26.5	24.3 *J*	8.7%
Copper	mg/kg-dw	33.4 *J*	33.2	0.6%	14.6	13.4	8.6%	61.3	61.1 *J*	0.3%	14.3 *J*	14.1 *J*	1.4%	516	518	0.4%
Cyanide	mg/kg-dw	0.92 *U*	0.8 *U*	consistent	0.93 *U*	0.89 *U*	consistent	1 *U*	2	inconsistent	0.91 *U*	0.91 *U*	consistent	4.4	1.5 *U*	inconsistent
Iron	mg/kg-dw	4,420	3,950	11.2%	19,800	17,500	12.3%	8,440	8,230	2.5%	15,800	16,600	4.9%	32,200	31,000	3.8%
Lead	mg/kg-dw	116	106	9.0%	7.2	6.3	13.3%	34.8 *J*	34.9	0.3%	6.1	6.2	1.6%	1,350	1,400	3.6%
Magnesium	mg/kg-dw	7,820	7,310	6.7%	12,500	11,100	11.9%	16,200 *J*	15,600	3.8%	15,500	15,700	1.3%	5,810	5,180	11.5%
Manganese	mg/kg-dw	201	194	3.5%	503	437	14.0%	382 *J*	377	1.3%	322	310	3.8%	354	326	8.2%
Mercury	mg/kg-dw	70.2	87.1	21.5%	0.056	0.14	85.7%	53.8	49.3	8.7%	0.052 *U*	0.051 *U*	consistent	10.4 *J*	14.2	30.9%
Methylmercury	µg/kg-dw															
Nickel	mg/kg-dw	25.9 *J*	23.5	9.7%	19.9	17.5	12.8%	34.9	36.3 *J*	3.9%	17.7 *J*	17.6 *J*	0.6%	342	321	6.3%
Potassium	mg/kg-dw	522 *J*	401	26.2%	2,970	2,950	0.7%	877	842 *J*	4.1%	3,050 *J*	3,500 *J*	13.7%	1,290	978 *J*	27.5%
Selenium	mg/kg-dw	0.86	0.59 *U*	inconsistent	1.5	0.87	53.2%	1.3	1.2	8.0%	1.3	1.1	16.7%	4.6	4.8	4.3%
Silver	mg/kg-dw	0.17	0.12 *U*	inconsistent	0.14 *U*	0.13 *U*	consistent	0.15 *U*	0.15 *U*	consistent	0.14 *U*	0.14 *U*	consistent	7.7	6.4	18.4%
Sodium	mg/kg-dw	3,630 *J*	3,020 *J*	18.3%	23,900	21,800 *J*	9.2%	4,310 *J*	4,250 *J*	1.4%	19,000 *J*	19,100 *J*	0.5%	9,730	9,650	0.8%
Thallium	mg/kg-dw	0.9 *U*	0.79 *U*	consistent	0.91 *U*	0.88 *U*	consistent	0.99 *U*	0.96 *U*	consistent	0.89 *U*	0.89 *U*	consistent	1.6 *U*	1.5 *U*	consistent
Vanadium	mg/kg-dw	6.5	5.6	14.9%	19.5	18.8	3.7%	13.1	13.4	2.3%	18.2	19.9	8.9%	86.9	80.9	7.2%
Zinc	mg/kg-dw	122 *J*	125	2.4%	65.4	68.9	5.2%	200 *J*	169 *J*	16.8%	61.9 *J*	61.5 *J*	0.6%	584	560	4.2%

Table B2-41. (cont.)

Station	S309			S310			S312			S313			S314		
Date	7/20/2000			7/20/2000			7/20/2000			7/18/2000			7/19/2000		
Depth (cm)	174 - 274			300 - 400			200 - 300			30 - 100			30 - 100		
Duplicate Number	D1	D2		D1	D2		D1	D2		D1	D2		D1	D2	
Sample Number	VC0066	VC0192		VC0076	VC0186		VC0091	VC0193		VC0097	VC0194		VC0105	VC0200	
Parameter	**Units**		**RPD**			**RPD**			**RPD**			**RPD**			**RPD**
Aluminum	mg/kg-dw	5,600	6,360	12.7%	4,500	4,910	8.7%	4,480	4,900	9.0%	3,830	3,580	6.7%	3,340	3,470	3.8%
Antimony	mg/kg-dw	0.57 *U*	0.6 *UJ*	consistent	0.59	0.5 *UJ*	inconsistent	0.53 *UJ*	0.52 *UJ*	consistent	1.4 *J*	1.4 *J*	0.0%	0.7	0.92	27.2%
Arsenic	mg/kg-dw	8.1	10.2	23.0%	9.3	10.6	13.1%	7.6	8.3	8.8%	6	6.7	11.0%	7.4	7.3	1.4%
Barium	mg/kg-dw	1,260	1,510	18.1%	1,380	1,540	11.0%	605	287	71.3%	227	237	4.3%	232	234	0.9%
Beryllium	mg/kg-dw	0.39	0.46	16.5%	0.33	0.39	16.7%	0.35	0.39	10.8%	0.26	0.27	3.8%	0.33	0.33	0.0%
Cadmium	mg/kg-dw	0.33	0.4	19.2%	3.7	4.3	15.0%	0.16	0.28	54.5%	6.1	6.4	4.8%	8.5	8.7	2.3%
Calcium	mg/kg-dw	296,000	335,000	12.4%	306,000	338,000	9.9%	284,000	312,000	9.4%	288,000	305,000	5.7%	285,000	288,000	1.0%
Chromium	mg/kg-dw	13.3	14.3	7.2%	27.6	27.8	0.7%	28.8	32.6	12.4%	103	108	4.7%	151	152	0.7%
Cobalt	mg/kg-dw	2.9	3.5	18.8%	2.3	2.9	23.1%	1.5	1.9	23.5%	3 *J*	3.2 *J*	6.5%	4.1	3.6	13.0%
Copper	mg/kg-dw	49.8	47.9	3.9%	45.6	44	3.6%	32.6	36.4	11.0%	101	106	4.8%	90.8	93.9	3.4%
Cyanide	mg/kg-dw	11	13	16.7%	14	14	0.0%	1.7	1.8	5.7%	0.93 *U*	0.95 *U*	consistent	0.99 *U*	1 *U*	consistent
Iron	mg/kg-dw	5,610	6,420	13.5%	6,100	6,680	9.1%	5,010	5,650	12.0%	5,890	5,960	1.2%	6,020	6,240	3.6%
Lead	mg/kg-dw	33.2	39.2	16.6%	43.7	48.9	11.2%	38.3	40.6	5.8%	412	423	2.6%	416	419	0.7%
Magnesium	mg/kg-dw	26,800	30,900	14.2%	18,600	20,900	11.6%	22,500	25,000	10.5%	6,350	6,600	3.9%	6,180	6,470	4.6%
Manganese	mg/kg-dw	774	908	15.9%	292	330	12.2%	327	358	9.1%	177	185	4.4%	217	219	0.9%
Mercury	mg/kg-dw	1.8	1.8 *J*	0.0%	1.1	1.1 *J*	0.0%	87.3 *J*	56.3 *J*	43.2%	48.5 *J*	29	50.3%	45.9	46.1	0.4%
Methylmercury	µg/kg-dw															
Nickel	mg/kg-dw	9.8	11.2	13.3%	32.8	32.1	2.2%	27.1	30.8	12.8%	42.5	44.8	5.3%	50.7	52.1	2.7%
Potassium	mg/kg-dw	321	365	12.8%	308	330	6.9%	277	311	11.6%	711 *J*	557 *J*	24.3%	614 *J*	628 *J*	2.3%
Selenium	mg/kg-dw	2	1.8	10.5%	1.6	1.3	20.7%	1 *U*	1 *U*	consistent	1.7	1.2	34.5%	1.5	1.3	14.3%
Silver	mg/kg-dw	0.23 *U*	0.24 *U*	consistent	0.67	0.62	7.8%	0.5	0.52	3.9%	2.3	2.4	4.3%	3.4	3.4	0.0%
Sodium	mg/kg-dw	4,100	4,670	13.0%	4,030	4,370	8.1%	6,710	7,420	10.0%	4,240	4,550	7.1%	3,070 *J*	3,170 *J*	3.2%
Thallium	mg/kg-dw	1.5 *U*	1.5 *U*	consistent	1.3 *U*	1.3 *U*	consistent	1.4 *U*	1.3 *U*	consistent	0.91 *U*	0.93 *U*	consistent	1.9	1 *U*	inconsistent
Vanadium	mg/kg-dw	11.8	13.8 *J*	15.6%	8.1	9 *J*	10.5%	7.9 *J*	8.5 *J*	7.3%	9.1	9	1.1%	9.4	9.5	1.1%
Zinc	mg/kg-dw	104	125	18.3%	81.6	99.1	19.4%	42.8	57.5	29.3%	212	212	0.0%	209	216	3.3%

Table B2-41. (cont.)

Station	S322			S324			S333			S335			S340		
Date	7/13/2000			7/13/2000			8/2/2000			8/2/2000			8/15/2000		
Depth (cm)	400 - 500			30 - 100			30 - 100			100 - 190			0 - 2		
Duplicate Number	D1	D2		D1	D2		D1	D2		D1	D2		D1	D2	
Sample Number	VC0173	VC0185		SB0001	SB0068		SB0041	SB0066		SB0024	SB0065		SF0123	SF0123	
Parameter	**Units**		**RPD**			**RPD**			**RPD**			**RPD**			**RPD**
Aluminum	mg/kg-dw	9,330	9,120	2.3%	3,360	3,850	13.6%	990	1,520	42.2%	1,380	1,360	1.5%	1,630 *J*	3,020 *J*	59.8%
Antimony	mg/kg-dw	0.31 *UJ*	0.31 *UJ*	consistent	0.49 *J*	0.4 *J*	20.2%	0.27 *UJ*	0.3 *J*	inconsistent	0.35 *J*	0.34 *UJ*	inconsistent	0.36 *UJ*	0.53 *J*	inconsistent
Arsenic	mg/kg-dw	2.3	2.4	4.3%	4.7	5.1	8.2%	0.96 *J*	2.5 *J*	89.0%	0.65 *J*	0.59 *J*	9.7%	17.1 *J*	18.7 *J*	8.9%
Barium	mg/kg-dw	106	106	0.0%	159	205	25.3%	76.8	86.9	12.3%	94.4	90	4.8%	229 *J*	1,640 *J*	151.0%
Beryllium	mg/kg-dw	0.47	0.46	2.2%	0.29	0.34	15.9%	0.11	0.15	30.8%	0.12	0.13	8.0%	0.15 *J*	0.27 *J*	57.1%
Cadmium	mg/kg-dw	0.12 *J*	0.11 *J*	8.7%	3.2 *J*	3.9 *J*	19.7%	0.04 *U*	0.04 *U*	consistent	0.049 *U*	0.05 *U*	consistent	0.15 *J*	0.26 *J*	53.7%
Calcium	mg/kg-dw	153,000	157,000	2.6%	257,000	281,000	8.9%	264,000	307,000	15.1%	305,000	298,000	2.3%	304,000 *J*	317,000 *J*	4.2%
Chromium	mg/kg-dw	14.4	14.3	0.7%	104	126	19.1%	2.5	4.5	57.1%	3	3.1	3.3%	58.3 *J*	13.7 *J*	123.9%
Cobalt	mg/kg-dw	5.6	5.4	3.6%	3.6	4.8	28.6%	0.17	0.83	132.0%	0.17 *U*	0.55	inconsistent	7.1 *J*	2.2 *J*	105.4%
Copper	mg/kg-dw	12.1	12	0.8%	35.6	42.1	16.7%	2.5	4.7	61.1%	3.1	10.4	108.1%	13.4 *J*	28.6 *J*	72.4%
Cyanide	mg/kg-dw	0.81 *U*	0.81 *U*	consistent	1 *U*	0.99 *U*	consistent	0.71 *U*	0.71 *U*	consistent	0.88 *U*	0.88 *U*	consistent	0.94 *UJ*	2 *J*	inconsistent
Iron	mg/kg-dw	15,300	15,300	0.0%	5,120	6,080	17.1%	2,060	2,990	36.8%	2,560	2,500	2.4%	3,770 *J*	4,370 *J*	14.7%
Lead	mg/kg-dw	5.9	5.4	8.8%	50	60	18.2%	2	4.7	80.6%	0.55	0.68	21.1%	16.1 *J*	23.6 *J*	37.8%
Magnesium	mg/kg-dw	7,940	7,900	0.5%	5,140	5,800	12.1%	2,430	2,880	16.9%	2,740	2,670	2.6%	5,260 *J*	12,400 *J*	80.9%
Manganese	mg/kg-dw	280	283	1.1%	161	182	12.2%	179	223	21.9%	215	212	1.4%	305 *J*	241 *J*	23.4%
Mercury	mg/kg-dw	0.045 *U*	0.045 *U*	consistent	1.6	1.2	28.6%	0.08	0.13	47.6%	0.056	0.062	10.2%	1 *J*	2.6 *J*	88.9%
Methylmercury	µg/kg-dw															
Nickel	mg/kg-dw	16	15.6	2.5%	35.4	42.5	18.2%	2	3.1	43.1%	2.7	2.8	3.6%	20.6 *J*	8.2 *J*	86.1%
Potassium	mg/kg-dw	2,300	2,150	6.7%	318	410	25.3%	237	391	49.0%	1,270	1,270	0.0%	469 *J*	40.1 *J*	168.5%
Selenium	mg/kg-dw	0.92	1.4	41.4%	1.1	1.1	0.0%	0.76	1.1 *U*	-	0.94	1	6.2%	0.87 *J*	1.6 *J*	59.1%
Silver	mg/kg-dw	0.12 *U*	0.12 *U*	consistent	0.78	0.91	15.4%	0.11 *U*	0.11 *U*	consistent	0.13 *U*	0.13 *U*	consistent	0.14 *UJ*	0.19 *J*	inconsistent
Sodium	mg/kg-dw	18,000	18,300	1.7%	16,800	18,200	8.0%	7,800	8,720	11.1%	13,100	13,000	0.8%	2,030 *J*	5,690 *J*	94.8%
Thallium	mg/kg-dw	1.2	0.8 *U*	inconsistent	0.98 *U*	0.97 *U*	consistent	0.69 *U*	0.7 *U*	consistent	0.86 *U*	0.87 *U*	consistent	0.92 *UJ*	0.96 *UJ*	consistent
Vanadium	mg/kg-dw	15.1	14.7	2.7%	8.9	10.6	17.4%	1.8	2.6	36.4%	2.3	2.1	9.1%	9.2 *J*	7.1 *J*	25.8%
Zinc	mg/kg-dw	49.1	49.4	0.6%	128	129	0.8%	20.1 *J*	21.8 *J*	8.1%	21.6 *J*	14.7 *J*	38.0%	54.7 *J*	44.9 *J*	19.7%

Table B2-41. (cont.)

Station	S343			S344			S350			S354			S360		
Date	8/4/2000			7/27/2000			8/5/2000			8/13/2000			8/16/2000		
Depth (cm)	30 - 100			30 - 100			92 - 200			100 - 200			0 - 2		
Duplicate Number	D1	D2		D1	D2		D1	D2		D1	D2		D1	D2	
Sample Number	SB0039	SF0167		SB0019	SB0070		SB0054	SB0067		SB0062	SB0069		SF0010	SF0066	
Parameter	Units		RPD			RPD			RPD			RPD			RPD
Aluminum	mg/kg-dw	7,570	7,600	0.4%	2,990	2,700	10.2%	6,110 *J*	6,140 *J*	0.5%	4,840	6,180	24.3%	6,450	6,480	0.5%
Antimony	mg/kg-dw	0.71	0.42 *UJ*	inconsistent	5.4 *J*	5.2 *J*	3.8%	0.4 *UJ*	0.52 *J*	inconsistent	1.6 *J*	1.4 *J*	13.3%	0.39 *U*	0.39 *U*	consistent
Arsenic	mg/kg-dw	9.9	10.8	8.7%	7.6	6.6	14.1%	10 *J*	8.9 *J*	11.6%	9.4	10	6.2%	3.2	3.3	3.1%
Barium	mg/kg-dw	406	304	28.7%	165 *J*	160	3.1%	961 *J*	944 *J*	1.8%	650	573	12.6%	82.3	83.7	1.7%
Beryllium	mg/kg-dw	0.74	0.74	0.0%	0.36	0.26	32.3%	0.45	0.44	2.2%	0.39	0.43	9.8%	0.34	0.35	2.9%
Cadmium	mg/kg-dw	0.6	0.58	3.4%	2.1	1.8	15.4%	2.3 *J*	2.3 *J*	0.0%	5.1	11.2	74.8%	0.33	0.34	3.0%
Calcium	mg/kg-dw	289,000	285,000	1.4%	313,000	281,000	10.8%	261,000 *J*	251,000 *J*	3.9%	315,000	270,000	15.4%	221,000	236,000	6.6%
Chromium	mg/kg-dw	14.5 *J*	12.5 *J*	14.8%	49.9	43.9	12.8%	96.9 *J*	96.4 *J*	0.5%	102 *J*	254 *J*	85.4%	24.1 *J*	26.6 *J*	9.9%
Cobalt	mg/kg-dw	3.2	3.3	3.1%	2.3	1.5	42.1%	6.7 *J*	6.5	3.0%	3.6	4.1	13.0%	2.8	3	6.9%
Copper	mg/kg-dw	60.1 *J*	56.2 *J*	6.7%	59.1 *J*	52.1	12.6%	128 *J*	127 *J*	0.8%	91.4	190	70.1%	28.8	30.7	6.4%
Cyanide	mg/kg-dw	10	9.5	5.1%	1.1 *UR*	0.94 *U*	-	1 *U*	1 *U*	consistent	1.6 *U*	1.6 *U*	consistent	1 *U*	1 *U*	consistent
Iron	mg/kg-dw	7,050	7,140	1.3%	4,210	3,740	11.8%	9,330 *J*	9,620 *J*	3.1%	6,880	9,940	36.4%	10,400	11,000	5.6%
Lead	mg/kg-dw	31.7	29.2	8.2%	200	173	14.5%	161 *J*	172 *J*	6.6%	149 *J*	207 *J*	32.6%	38.3	41.4	7.8%
Magnesium	mg/kg-dw	22,200	22,500	1.3%	11,000 *J*	9,980	9.7%	15,000 *J*	14,400 *J*	4.1%	19,700	14,700	29.1%	8,690	9,000	3.5%
Manganese	mg/kg-dw	253	254	0.4%	202	181	11.0%	252 *J*	245 *J*	2.8%	365 *J*	283 *J*	25.3%	280	289	3.2%
Mercury	mg/kg-dw	3.5	2	54.5%	28.8	30	4.1%	4.6	4	14.0%	22.1	28.1	23.9%	11.5 *J*	9.5 *J*	19.0%
Methylmercury	µg/kg-dw															
Nickel	mg/kg-dw	14.2	14.4	1.4%	62.1	54.3	13.4%	30.5 *J*	29.9 *J*	2.0%	38.1	75.6	66.0%	13.6	15.5	13.1%
Potassium	mg/kg-dw	475 *J*	510 *J*	7.1%	233	235	0.9%	943 *J*	995 *J*	5.4%	296 *J*	950 *J*	105.0%	2,090	2,090	0.0%
Selenium	mg/kg-dw	1.8	1.2	40.0%	0.79 *U*	0.9	inconsistent	1.7 *J*	1.9 *J*	11.1%	1.2 *U*	1.2 *U*	consistent	0.76 *U*	0.94	inconsistent
Silver	mg/kg-dw	0.17 *U*	0.17	inconsistent	0.94	0.74	23.8%	1.3 *J*	0.89	37.4%	1.7	4.2	84.7%	0.15 *U*	0.16 *U*	consistent
Sodium	mg/kg-dw	4,860 *J*	4,810 *J*	1.0%	4,360	4,130	5.4%	13,100 *J*	12,800 *J*	2.3%	6,340 *J*	5,980 *J*	5.8%	1,430 *J*	1,770 *J*	21.3%
Thallium	mg/kg-dw	1.1 *U*	1.1 *U*	consistent	1 *U*	0.92 *U*	consistent	1 *U*	1 *U*	consistent	1.5 *U*	1.5 *U*	consistent	1 *U*	1 *U*	consistent
Vanadium	mg/kg-dw	15.1	15.5	2.6%	6.4	5.7	11.6%	19.1 *J*	19.2 *J*	0.5%	10.9 *J*	14.2 *J*	26.3%	12.4	12.5	0.8%
Zinc	mg/kg-dw	61.4	41.3	39.1%	116 *J*	115	0.9%	234 *J*	237 *J*	1.3%	143	294	69.1%	76.7	85.1	10.4%

Table B2-41. (cont.)

	Station	S360			S360			S361			S363			S372		
	Date	8/16/2000			8/16/2000			8/15/2000			8/15/2000			8/17/2000		
	Depth (cm)	2 - 15			15 - 30			0 - 15			2 - 15			15 - 30		
	Duplicate Number	D1	D2		D1	D2		D1	D2		D1	D2		D1	D2	
	Sample Number	SF0011	SF0164		SF0012	SF0169		SF0013	SF0163		SF0018	SF0175		SF0039	SF0165	
Parameter	**Units**			**RPD**			**RPD**			**RPD**			**RPD**			**RPD**
Aluminum	mg/kg-dw	5,820	3,930	38.8%	3,230	2,800	14.3%	2,280	2,490	8.8%	2,810	3,040	7.9%	2,360	1,590	39.0%
Antimony	mg/kg-dw	0.37 *U*	0.36 *U*	consistent	0.34 *U*	0.33 *U*	consistent	0.36 *U*	0.35 *U*	consistent	0.35 *U*	0.36 *U*	consistent	0.35	0.39	10.8%
Arsenic	mg/kg-dw	3.2	2.6	20.7%	2.3	2	14.0%	1.9	1.8	5.4%	3	2.6	14.3%	1.6	1.8	11.8%
Barium	mg/kg-dw	76.7	76.9	0.3%	76.9	75.9	1.3%	72.8	72.3	0.7%	85.3	110	25.3%	86	97	12.0%
Beryllium	mg/kg-dw	0.31	0.24	25.5%	0.21	0.19	10.0%	0.18	0.18	0.0%	0.24	0.24	0.0%	0.2	0.15	28.6%
Cadmium	mg/kg-dw	0.35	0.35	0.0%	0.11	0.082	29.2%	0.3	0.27	10.5%	1.2	1.4	15.4%	1.1	1.7	42.9%
Calcium	mg/kg-dw	272,000	323,000	17.1%	335,000	309,000	8.1%	230,000	215,000	6.7%	301,000	326,000	8.0%	290,000	326,000	11.7%
Chromium	mg/kg-dw	21.6 *J*	14.9 *J*	36.7%	9.8 *J*	8.4 *J*	15.4%	11.1	10.6	4.6%	36.5	44	18.6%	12.4	14	12.1%
Cobalt	mg/kg-dw	2.1	0.97	73.6%	0.72	0.56	25.0%	1.3	1.1	16.7%	1.8	1.9	5.4%	1.5	1.4	6.9%
Copper	mg/kg-dw	28.4	18.4	42.7%	16.1	15.3	5.1%	11.7	11.7	0.0%	20.2	24	17.2%	10.2	11.7	13.7%
Cyanide	mg/kg-dw	0.98 *U*	0.95 *U*	consistent	0.88 *U*	0.87 *U*	consistent	0.95 *U*	0.91 *U*	consistent	0.93 *U*	0.96 *U*	consistent	0.82 *U*	0.9 *U*	consistent
Iron	mg/kg-dw	9,530	7,010	30.5%	4,440	4,160	6.5%	4,660	4,610	1.1%	3,520	3,670	4.2%	4,660	3,680	23.5%
Lead	mg/kg-dw	31.6	20.4	43.1%	16.3	12.2	28.8%	30.1 *J*	21.7	32.4%	16.1 *J*	18.5	13.9%	4.8 *J*	5.6 *J*	15.4%
Magnesium	mg/kg-dw	8,220	5,950	32.0%	4,780	4,810	0.6%	5,040	4,850	3.8%	9,560	8,380	13.2%	5,390	4,430	19.6%
Manganese	mg/kg-dw	324	334	3.0%	309	299	3.3%	249 *J*	235	5.8%	174 *J*	184	5.6%	248	271	8.9%
Mercury	mg/kg-dw	5.6 *J*	1.8 *J*	102.7%	0.1 *J*	0.081 *J*	21.0%	0.31	0.4	25.4%	0.18	0.24	28.6%	0.082 *J*	0.051 *U*	inconsistent
Methylmercury	µg/kg-dw															
Nickel	mg/kg-dw	13.6	8	51.9%	5.4	5.6	3.6%	8.3	8	3.7%	17.5	20.6	16.3%	7.9	8.6	8.5%
Potassium	mg/kg-dw	1,710	1,060	46.9%	823	687	18.0%	426	569	28.7%	159	221	32.6%	619	326	62.0%
Selenium	mg/kg-dw	0.73 *U*	0.7 *U*	consistent	0.77	0.64 *U*	inconsistent	0.7 *U*	0.68	-	0.69 *U*	0.71 *U*	consistent	1.2	1.2	0.0%
Silver	mg/kg-dw	0.15 *U*	0.14 *U*	consistent	0.13 *U*	0.13 *U*	consistent	0.14 *U*	0.14 *U*	consistent	0.48	0.52	8.0%	0.12 *U*	0.13 *U*	consistent
Sodium	mg/kg-dw	7,590 *J*	10,100 *J*	28.4%	10,500 *J*	10,800 *J*	2.8%	2,450	2,270	7.6%	5,800	6,100	5.0%	1,260	1,370	8.4%
Thallium	mg/kg-dw	0.96 *U*	0.93 *U*	consistent	0.86 *U*	0.85 *U*	consistent	0.93 *U*	0.89 *U*	consistent	0.91 *U*	0.94 *U*	consistent	0.81 *U*	0.88 *U*	consistent
Vanadium	mg/kg-dw	10.7	7	41.8%	5.2	4.5	14.4%	4.3	4.8	11.0%	6.3	6.6	4.7%	5.1	3.8	29.2%
Zinc	mg/kg-dw	122	57	72.6%	35.3	34.1	3.5%	52.1	53.2	2.1%	100	125	22.2%	36.7 *J*	44.4 *J*	19.0%

Table B2-41. (cont.)

	Station	S372			OT6			S303			S402		
	Date	8/2/2000			8/3/2000			7/21/2000			7/21/2000		
	Depth (cm)	2 - 14			0 - 2			4 - 8			30 - 34		
	Duplicate Number	D1	D2		D1	D2		D1	D2		D1	D2	
	Sample Number	BC0028	BC0032		BC0033	BC0031		PC0002	PC0002A		PC0048	PC0048A	
Parameter	**Units**			**RPD**			**RPD**			**RPD**			**RPD**
Aluminum	mg/kg-dw												
Antimony	mg/kg-dw												
Arsenic	mg/kg-dw												
Barium	mg/kg-dw												
Beryllium	mg/kg-dw												
Cadmium	mg/kg-dw												
Calcium	mg/kg-dw												
Chromium	mg/kg-dw												
Cobalt	mg/kg-dw												
Copper	mg/kg-dw												
Cyanide	mg/kg-dw												
Iron	mg/kg-dw												
Lead	mg/kg-dw												
Magnesium	mg/kg-dw												
Manganese	mg/kg-dw												
Mercury	mg/kg-dw	1.2 *U*	1.3	inconsistent	0.11 *U*	0.11 *U*	consistent	2.17	2.65	19.9%	1.62 *J*	1.97	19.5%
Methylmercury	µg/kg-dw	1.65	1.89	13.6%	1.11	1.15	3.5%	2.42	2.96	20.1%	0.507	0.426	17.4%
Nickel	mg/kg-dw												
Potassium	mg/kg-dw												
Selenium	mg/kg-dw												
Silver	mg/kg-dw												
Sodium	mg/kg-dw												
Thallium	mg/kg-dw												
Vanadium	mg/kg-dw												
Zinc	mg/kg-dw												

Table B2-42. Field Duplicate Results for Conventional and Physical Parameters in Lake Bottom Sediments

	Station	S301			S303			S304			S306			S308		
	Date	7/22/2000			7/22/2000			7/21/2000			7/21/2000			7/18/2000		
	Depth (cm)	56 - 156			300 - 400			200 - 300			500 - 600			30 - 100		
	Duplicate Number	D1	D2		D1	D2		D1	D2		D1	D2		D1	D2	
	Sample Number	VC0002	VC0195		VC0020	VC0198		VC0027	VC0201		VC0046	VC0199		VC0057	VC0191	
Parameter	**Units**			**RPD**			**RPD**			**RPD**			**RPD**			**RPD**
Conventional Parameters																
Total organic carbon	%-dw	5.74	7.16	22.0%	4.86	3.99	19.7%	5.78	6.58	12.9%	5.83	7.25	21.7%	6.98	7.19	3.0%
Total solids	%-ww	54.4	62.3	13.5%	53.6	56	4.4%	47	49	4.2%	55.1	55.2	0.2%	32	33	3.1%
pH	pH															
Grain-size Determination																
Percent sand	%-ww	2	4	66.7%	21	24	13.3%	0	0	0.0%	12	12	0.0%	22	23	4.4%
Percent silt	%-ww	91	90	1.1%	53	49	7.8%	88	87	1.1%	69	69	0.0%	67	66	1.5%
Percent clay	%-ww	7	6	15.4%	26	27	3.8%	12	13	8.0%	19	19	0.0%	11	11	0.0%

Table B2-42. (cont.)

		S313			S322			S324			S333			S335		
		7/18/2000			7/13/2000			7/13/2000			8/2/2000			8/2/2000		
		30 - 100			400 - 500			30 - 100			30 - 100			100 - 190		
		D1	D2		D1	D2		D1	D2		D1	D2		D1	D2	
		VC0097	VC0194		VC0173	VC0185		SB0001	SB0068		SB0041	SB0066		SB0024	SB0065	
Parameter	**Units**			**RPD**			**RPD**			**RPD**			**RPD**			**RPD**
Conventional Parameters																
Total organic carbon	%-dw	3.27 *J*	6.26 *J*	62.7%	6.05	6.48	6.9%	9.5	9.34	1.7%	9.44 *J*	5.09 *J*	59.9%	8.23	10.4	23.3%
Total solids	%-ww	54	53	1.9%	61.4	61.5	0.2%	49.9	50.7	1.6%	70.7	70.2	0.7%	56.8	56.5	0.5%
pH	pH															
Grain-size Determination																
Percent sand	%-ww	2	2	0.0%	8	9	11.8%	32	34	6.1%	46	50	8.3%	42	44	4.7%
Percent silt	%-ww	91	91	0.0%	67	68	1.5%	66	62	6.3%	44	41	7.1%	48	46	4.3%
Percent clay	%-ww	7	7	0.0%	25	23	8.3%	4	4	0.0%	10	9	10.5%	10	10	0.0%

Table B2-42. (cont.)

		S354			S360			S360			S360			S361		
		8/13/2000			8/16/2000			8/16/2000			8/16/2000			8/15/2000		
		100 - 200			0 - 2			2 - 15			15 - 30			0 - 15		
		D1	D2		D1	D2		D1	D2		D1	D2		D1	D2	
		SB0062	SB0069		SF0010	SF0066		SF0011	SF0164		SF0012	SF0169		SF0013	SF0163	
Parameter	**Units**			**RPD**			**RPD**			**RPD**			**RPD**			**RPD**
Conventional Parameters																
Total organic carbon	%-dw	9.08	7.28	22.0%	7.16 *J*	4.78 *J*	39.9%	8.14	7.76	4.8%	8.25	9.14	10.2%	4.81	4.8	0.2%
Total solids	%-ww	32	31.8	0.6%	49	48.2	1.6%	50.8	52.5	3.3%	56.7	57.5	1.4%	54	55	1.8%
pH	pH															
Grain-size Determination																
Percent sand	%-ww	6	10	50.0%	42	40	4.9%	22	34	42.9%	55	51	7.5%	66	67	1.5%
Percent silt	%-ww	87	82	5.9%	49	53	7.8%	73	62	16.3%	39	43	9.8%	29	29	0.0%
Percent clay	%-ww	7	8	13.3%	9	7	25.0%	5	4	22.2%	6	6	0.0%	5	4	22.2%

Table B2-42. (cont.)

		S363 8/15/2000 2 - 15			S372 8/17/2000 15 - 30			S372 8/2/2000 2 - 14			S303 7/21/2000 4 - 8			S402 7/21/2000 30 - 34		
		D1	D2		D1	D2		D1	D2		D1	D2		D1	D2	
		SF0018	SF0175		SF0039	SF0165		BC0028	BC0032		PC0002	PC0002A		PC0048	PC0048A	
Parameter	**Units**			**RPD**			**RPD**			**RPD**			**RPD**			**RPD**
Conventional Parameters																
Total organic carbon	%-dw	6.43	5.3	19.3%	7.98	8.2	2.7%	8	7.78	2.7%	6.88	7.2	4.5%	3.64	3.39	7.1%
Total solids	%-ww	52	51	1.9%	60.8	55.6	8.9%	56	55.5	1.4%	25.8	22.6	13.2%	46.66	44.6	4.5%
pH	pH										6.87	7.03	2.3%	11.2	9.34	18.1%
Grain-size Determination																
Percent sand	%-ww	32	34	6.1%	78	69	12.2%	91	92	1.1%						
Percent silt	%-ww	64	63	1.6%	13	21	47.1%	4	5	22.2%						
Percent clay	%-ww	4	3	28.6%	9	10	10.5%	5	3	50.0%						

Table B2-43. Field Duplicate Results for Engineering Characteristics in Lake Bottom Sediments

	Station	S309			S310			S312			S314		
	Date	7/20/2000			7/20/2000			7/20/2000			7/19/2000		
	Depth (cm)	174 - 274			300 - 400			200 - 300			30 - 100		
	Duplicate Number	D1	D2		D1	D2		D1	D2		D1	D2	
	Sample Number	VC0066	VC0192		VC0076	VC0186		VC0091	VC0193		VC0105	VC0200	
Parameter	**Units**			**RPD**			**RPD**			**RPD**			**RPD**
Conventional Parameters													
Carbonate	%-dw	61	61	0.0%	59	59	0.0%	62	61	1.6%	57	56	1.8%
Liquid Limit	%-dw	40	39.9	0.3%	36.3	38.1	4.8%	41.5	42.9	3.3%	37.2	38.5	3.4%
Liquid Limit	%-ww												
Plastic Limit	%-dw	35.4	36.7	3.6%	32.9	35.3	7.0%	39.9	38.9	2.5%	30	29.8	0.7%
Specific gravity	g/cc-dw	2.56	2.62	2.3%	2.58	3.05	16.7%	2.58	2.53	2.0%	2.5	2.61	4.3%
Total organic carbon	%-dw	5.74 *J*	3.88 *J*	38.7%	3.42 *J*	5.27 *J*	42.6%	3.7	3.8	2.7%	5.76 *J*	12.5 *J*	73.8%
Total solids	%-ww	33	32	3.1%	38	38	0.0%	36	35	2.8%	50	49	2.0%
Grain-size Determination													
Particles < 19.0 mm	%-dw	100	100	0.0%	100	100	0.0%	100	100	0.0%	100	100	0.0%
Particles < 9.50 mm	%-dw	100	100	0.0%	100	100	0.0%	100	100	0.0%	100	100	0.0%
Particles < 4.75 mm (sieve #4)	%-dw	100	100	0.0%	100	100	0.0%	100	100	0.0%	100	100	0.0%
Particles < 2.00 mm (sieve #10)	%-dw	100	100	0.0%	100	100	0.0%	100	100	0.0%	100	100	0.0%
Particles < 0.85 mm	%-dw	99.5	99.1	0.4%	99.3	99.6	0.3%	99.5	99.4	0.1%	99.8	99.6	0.2%
Particles < 0.425 mm	%-dw	99	98.6	0.4%	98.7	99.2	0.5%	98.7	98.6	0.1%	99.6	99.5	0.1%
Particles < 0.250 mm (sieve #60)	%-dw	98.1	97.7	0.4%	98.2	98.9	0.7%	97.5	97.7	0.2%	99.2	99.4	0.2%
Particles < 0.106 mm	%-dw	95.1	94.8	0.3%	97.2	98.3	1.1%	94	94.7	0.7%	97.9	99.1	1.2%
Particles < 0.075 mm	%-dw	93.4	93.3	0.1%	96.4	97.7	1.3%	91.5	92.6	1.2%	97	98.6	1.6%
Particles < 0.074 mm (sieve #200)	%-dw	93.4	93.3	0.1%	96.3	97.5	1.2%	91.4	92.1	0.8%	97	98.5	1.5%
Particles smaller than 0.005 mm	%-dw	37.8	42	10.5%	27.2	33	19.3%	27.8	20.5	30.2%	31.7	49.7	44.2%
Particles smaller than 0.001 mm	%-dw	5.9	1.4	123.3%	2.6	5.2	66.7%	4.4	2.6	51.4%	5.5	20.3	114.7%

Table B2-43. (cont.)

	Station	S340			S343			S344			S350		
	Date	8/15/2000			8/4/2000			7/27/2000			8/5/2000		
	Depth (cm)	0 - 2			30 - 100			30 - 100			92 - 200		
	Duplicate Number	D1	D2		D1	D2		D1	D2		D1	D2	
	Sample Number	SF0123	SF0123_R		SB0039	SF0167		SB0019	SB0070		SB0054	SB0067	
Parameter	Units			RPD			RPD			RPD			RPD
Conventional Parameters													
Carbonate	%-dw	58	59.8	3.1%	66.6	66.8	0.3%	56.8	58.9	3.6%	64.4	65	0.9%
Liquid Limit	%-dw												
Liquid Limit	%-ww	36.4 *J*	32.2 *J*	12.2%	48.6	42.9	12.5%	36.1	37.5	3.8%	32.2	34.1	5.7%
Plastic Limit	%-dw	34 *J*	28.6 *J*	17.3%	45	40.7	10.0%	33	32.5	1.5%	28.3	30.2	6.5%
Specific gravity	g/cc-dw	2.61 *J*	2.62 *J*	0.4%	2.54	2.55	0.4%	2.59	2.57	0.8%	2.56	2.55	0.4%
Total organic carbon	%-dw	10.1 *J*	7.7 *J*	27.0%	4.12 *J*	2.7 *J*	41.6%	4.67	5.96	24.3%	7.68	7.74	0.8%
Total solids	%-ww	46 *J*	50.3 *J*	8.9%	45.5	46	1.1%	47.7	50.1	4.9%	46.9	47.2	0.6%
Grain-size Determination													
Particles < 19.0 mm	%-dw	64.9 *J*	88.7 *J*	31.0%	100	100	0.0%	100	100	0.0%	100	100	0.0%
Particles < 9.50 mm	%-dw	64.8 *J*	82.9 *J*	24.5%	98.6	100	1.4%	100	100	0.0%	100	100	0.0%
Particles < 4.75 mm (sieve #4)	%-dw	64 *J*	79.3 *J*	21.4%	97.9	100	2.1%	100	100	0.0%	100	100	0.0%
Particles < 2.00 mm (sieve #10)	%-dw	63.2 *J*	76.6 *J*	19.2%	91.3	99.6	8.7%	100	100	0.0%	99.7	100	0.3%
Particles < 0.85 mm	%-dw	63.2	73.1	14.5%	84.6	92.9	9.4%	99.4	99.6	0.2%	99.5	99.7	0.2%
Particles < 0.425 mm	%-dw	63.1 *J*	69.4 *J*	9.5%	80.3	87.3	8.4%	98.9	99.2	0.3%	98.5	99	0.5%
Particles < 0.250 mm (sieve #60)	%-dw	63 *J*	63.5 *J*	0.8%	75.5	81.5	7.6%	98.1	98.4	0.3%	96.2	96.5	0.3%
Particles < 0.106 mm	%-dw	62.8 *J*	58.3 *J*	7.4%	57.6	62.6	8.3%	94.5	95.3	0.8%	90.2	90.6	0.4%
Particles < 0.075 mm	%-dw	62.4 *J*	57 *J*	9.0%	49.8	54.2	8.5%	93.2	94	0.9%	88	88.5	0.6%
Particles < 0.074 mm (sieve #200)	%-dw	61.8 *J*	57.4 *J*	7.4%	49.7	54	8.3%	93.1	94	1.0%	88	88.4	0.5%
Particles smaller than 0.005 mm	%-dw	7.7 *J*	10.8 *J*	33.5%	10.6	10.4	1.9%	25.4	24.6	3.2%	10.3	18.5	56.9%
Particles smaller than 0.001 mm	%-dw	5.8 *J*	4.3 *J*	29.7%	0	0	0.0%	5.1	5.3	3.8%	6.3	7.6	18.7%

Table B2-44. Field Duplicate Results for Wetland Sediment Samples

	Station	S379			S385		
	Date	8/12/2000			8/11/2000		
	Depth	15 - 30			0 - 15		
	Duplicate	D1	D2		D1	D2	
	Sample Number	WS0010	WS0034		WS0021	WS0033	
Parameter	**Units**			**RPD**			**RPD**
VOCs							
Acetone	µg/kg-dw	69 *UJ*	35 *UJ*	consistent	20 *UJ*	39 *U*	consistent
Benzene	µg/kg-dw	17 *UJ*	8.7 *UJ*	consistent	4.5 *J*	4.9	8.5%
Bromodichloromethane	µg/kg-dw	17 *UJ*	8.7 *UJ*	consistent	9.7 *UJ*	9.8 *U*	consistent
Bromoform	µg/kg-dw	17 *UJ*	8.7 *UJ*	consistent	9.7 *UJ*	9.8 *U*	consistent
Bromomethane	µg/kg-dw	17 *UJ*	8.7 *UJ*	consistent	9.7 *UJ*	9.8 *U*	consistent
2-Butanone	µg/kg-dw	35 *UJ*	17 *UJ*	consistent	19 *UJ*	20 *U*	consistent
Carbon disulfide	µg/kg-dw	35 *UJ*	17 *UJ*	consistent	19 *UJ*	20 *U*	consistent
Carbon Tetrachloride	µg/kg-dw	17 *UJ*	8.7 *UJ*	consistent	9.7 *UJ*	9.8 *U*	consistent
Chlorobenzene	µg/kg-dw	17 *UJ*	8.7 *UJ*	consistent	80 *J*	74	7.8%
Chloroethane	µg/kg-dw	17 *UJ*	8.7 *UJ*	consistent	9.7 *UJ*	9.8 *U*	consistent
Chloroform	µg/kg-dw	17 *UJ*	8.7 *UJ*	consistent	9.7 *UJ*	9.8 *U*	consistent
Chloromethane	µg/kg-dw	17 *UJ*	8.7 *UJ*	consistent	9.7 *UJ*	9.8 *U*	consistent
Dibromochloromethane	µg/kg-dw	17 *UJ*	8.7 *UJ*	consistent	9.7 *UJ*	9.8 *U*	consistent
1,1-Dichloroethane	µg/kg-dw	17 *UJ*	8.7 *UJ*	consistent	9.7 *UJ*	9.8 *U*	consistent
1,2-Dichloroethane	µg/kg-dw	17 *UJ*	8.7 *UJ*	consistent	9.7 *UJ*	9.8 *U*	consistent
1,1-Dichloroethene	µg/kg-dw	17 *UJ*	8.7 *UJ*	consistent	9.7 *UJ*	9.8 *U*	consistent
cis-1,2-Dichloroethene	µg/kg-dw	17 *UJ*	8.7 *UJ*	consistent	9.7 *UJ*	9.8 *U*	consistent
trans-1,2-Dichloroethene	µg/kg-dw	17 *UJ*	8.7 *UJ*	consistent	9.7 *UJ*	9.8 *U*	consistent
1,2-Dichloropropane	µg/kg-dw	17 *UJ*	8.7 *UJ*	consistent	9.7 *UJ*	9.8 *U*	consistent
cis-1,3-Dichloropropene	µg/kg-dw	17 *UJ*	8.7 *UJ*	consistent	9.7 *UJ*	9.8 *U*	consistent
trans-1,3-Dichloropropene	µg/kg-dw	17 *UJ*	8.7 *UJ*	consistent	9.7 *UJ*	9.8 *U*	consistent
Ethylbenzene	µg/kg-dw	17 *UJ*	8.7 *UJ*	consistent	9.3 *J*	9.8 *U*	-
2-Hexanone	µg/kg-dw	35 *UJ*	17 *UJ*	consistent	19 *UJ*	20 *U*	consistent
4-Methyl-2-pentanone	µg/kg-dw	35 *UJ*	17 *UJ*	consistent	19 *UJ*	20 *U*	consistent
Methylene chloride	µg/kg-dw	17 *UJ*	8.7 *UJ*	consistent	9.7 *UJ*	9.8 *U*	consistent
Styrene	µg/kg-dw	17 *UJ*	8.7 *UJ*	consistent	6.4 *J*	9.8 *U*	-
1,1,2,2-Tetrachloroethane	µg/kg-dw	17 *UJ*	8.7 *UJ*	consistent	9.7 *UJ*	9.8 *U*	consistent
Tetrachloroethene	µg/kg-dw	17 *UJ*	8.7 *UJ*	consistent	9.7 *UJ*	9.8 *U*	consistent
Toluene	µg/kg-dw	17 *UJ*	8.7 *UJ*	consistent	9.7 *UJ*	9.8 *U*	consistent

Table B2-44. (cont.)

	Station	S379			S385		
	Date	8/12/2000			8/11/2000		
	Depth	15 - 30			0 - 15		
	Idepth	030			015		
	Duplicate	D1	D2		D1	D2	
	Sample Number	WS0010	WS0034		WS0021	WS0033	
Parameter	Units			RPD			RPD
VOCs (cont.)							
1,1,1-Trichloroethane	µg/kg-dw	17 *UJ*	8.7 *UJ*	consistent	9.7 *UJ*	9.8 *U*	consistent
1,1,2-Trichloroethane	µg/kg-dw	17 *UJ*	8.7 *UJ*	consistent	9.7 *UJ*	9.8 *U*	consistent
Trichloroethene	µg/kg-dw	17 *UJ*	8.7 *UJ*	consistent	9.7 *UJ*	9.8 *U*	consistent
Vinyl chloride	µg/kg-dw	17 *UJ*	8.7 *UJ*	consistent	9.7 *UJ*	9.8 *U*	consistent
m- & p- Xylenes	µg/kg-dw	17 *UJ*	8.7 *UJ*	consistent	9.7 *UJ*	9.8 *U*	consistent
o-Xylene	µg/kg-dw	17 *UJ*	8.7 *UJ*	consistent	9.7 *UJ*	9.8 *U*	consistent
SVOCs							
Acenaphthene	µg/kg-dw	110 *U*	58 *U*	consistent	330	270 *U*	inconsistent
Acenaphthylene	µg/kg-dw	110 *U*	58 *U*	consistent	910	1,600	55.0%
Anthracene	µg/kg-dw	110 *U*	61	-	2,800	270 *U*	inconsistent
Benz(a)anthracene	µg/kg-dw	110 *U*	210	inconsistent	2,800	1,800 *J*	43.5%
Benzo(a)pyrene	µg/kg-dw	110 *U*	240	inconsistent	3,100	3,100 *J*	0.0%
Benzo(b)fluoranthene	µg/kg-dw	110 *U*	210	inconsistent	3,100	3,900 *J*	22.9%
Benzo(g,h,i)perylene	µg/kg-dw	110 *U*	140	inconsistent	2,100	1,500 *J*	33.3%
Benzo(k)fluoranthene	µg/kg-dw	110 *U*	200	inconsistent	3,300	3,500 *J*	5.9%
Benzyl Alcohol	µg/kg-dw	570 *U*	300 *U*	consistent	1,600 *U*	1,400 *U*	consistent
Bis(2-chloroethoxy)methane	µg/kg-dw	110 *U*	58 *U*	consistent	310 *U*	270 *U*	consistent
Bis(2-chloroethyl)ether	µg/kg-dw	110 *U*	58 *U*	consistent	310 *U*	270 *U*	consistent
Bis(2-ethylhexyl)phthalate	µg/kg-dw	110 *U*	93 *U*	consistent	610 *J*	270 *U*	inconsistent
4-Bromophenyl-phenyl ether	µg/kg-dw	110 *U*	58 *U*	consistent	310 *U*	270 *U*	consistent
Butylbenzylphthalate	µg/kg-dw	110 *U*	58 *U*	consistent	310 *U*	270 *U*	consistent
Carbazole	µg/kg-dw	110 *U*	58 *U*	consistent	720	270 *U*	inconsistent
4-Chloro-3-methylphenol	µg/kg-dw	570 *U*	300 *U*	consistent	1,600 *U*	1,400 *U*	consistent
4-Chloroaniline	µg/kg-dw	110 *UJ*	58 *UJ*	consistent	310 *UJ*	270 *UJ*	consistent
2-Chloronaphthalene	µg/kg-dw	110 *U*	58 *U*	consistent	310 *U*	270 *U*	consistent
2-Chlorophenol	µg/kg-dw	110 *U*	58 *U*	consistent	310 *U*	270 *U*	consistent
4-Chlorophenyl-phenyl ether	µg/kg-dw	110 *U*	58 *U*	consistent	310 *U*	270 *U*	consistent
Chrysene	µg/kg-dw	110 *U*	280	inconsistent	3,400	3,300 *J*	3.0%
Dibenz(a,h)anthracene	µg/kg-dw	110 *U*	64	-	950	270 *U*	inconsistent

Table B2-44. (cont.)

	Station	S379			S385		
	Date	8/12/2000			8/11/2000		
	Depth	15 - 30			0 - 15		
	ldepth	030			015		
	Duplicate	D1	D2		D1	D2	
	Sample Number	WS0010	WS0034		WS0021	WS0033	
Parameter	**Units**			**RPD**			**RPD**
SVOCs (cont.)							
Dibenzofuran	µg/kg-dw	110 *U*	58 *U*	consistent	310 *U*	270 *U*	consistent
1,2-Dichlorobenzene	µg/kg-dw	110 *U*	58 *U*	consistent	3,000	5,800	63.6%
1,3-Dichlorobenzene	µg/kg-dw	110 *U*	58 *U*	consistent	660	2,100	104.3%
1,4-Dichlorobenzene	µg/kg-dw	110 *U*	58 *U*	consistent	4,900	11,000	76.7%
3,3-Dichlorobenzidine	µg/kg-dw	110 *UJ*	58 *U*	consistent	310 *UJ*	270 *UJ*	consistent
2,4-Dichlorophenol	µg/kg-dw	570 *U*	300 *U*	consistent	1,600 *U*	1,400 *U*	consistent
Diethylphthalate	µg/kg-dw	110 *U*	58 *U*	consistent	310 *U*	270 *U*	consistent
2,4-Dimethylphenol	µg/kg-dw	570 *U*	300 *U*	consistent	1,600 *U*	1,400 *U*	consistent
Dimethylphthalate	µg/kg-dw	110 *U*	58 *U*	consistent	310 *U*	270 *U*	consistent
Di-n-butylphthalate	µg/kg-dw	110 *U*	58 *U*	consistent	310 *U*	270 *U*	consistent
2,4-Dinitrophenol	µg/kg-dw	2,800 *UJ*	1,500 *UJ*	consistent	7,900 *U*	7,100 *U*	consistent
2,4-Dinitrotoluene	µg/kg-dw	570 *U*	300 *U*	consistent	1,600 *U*	1,400 *U*	consistent
2,6-Dinitrotoluene	µg/kg-dw	570 *U*	300 *U*	consistent	1,600 *U*	1,400 *U*	consistent
Di-n-octylphthalate	µg/kg-dw	110 *U*	58 *U*	consistent	310 *U*	270 *U*	consistent
Fluoranthene	µg/kg-dw	110 *U*	400	inconsistent	7,000	7,600	8.2%
Fluorene	µg/kg-dw	110 *U*	58 *U*	consistent	360	270 *U*	inconsistent
Hexachlorobenzene	µg/kg-dw	110 *U*	390 *J*	inconsistent	1,800	12,000 *J*	147.8%
Hexachlorobenzene (GC/ECD)	µg/kg-dw	3.64 *J*	122 *J*	188.4%	2,510 *J*	5,110	68.2%
Hexachlorobutadiene	µg/kg-dw	110 *U*	58 *U*	consistent	310 *U*	270 *U*	consistent
Hexachlorocyclopentadiene	µg/kg-dw	570 *UJ*	300 *UJ*	consistent	1,600 *U*	1,400 *U*	consistent
Hexachloroethane	µg/kg-dw	110 *U*	58 *UJ*	consistent	310 *U*	270 *U*	consistent
Indeno(1,2,3-cd)pyrene	µg/kg-dw	110 *U*	140	inconsistent	2,000	1,700 *J*	16.2%
Isophorone	µg/kg-dw	110 *U*	58 *U*	consistent	310 *U*	270 *U*	consistent
2-Methyl-4,6-dinitrophenol	µg/kg-dw	2,800 *U*	1,500 *U*	consistent	7,900 *U*	7,100 *U*	consistent
2-Methylnaphthalene	µg/kg-dw	110 *U*	58 *U*	consistent	320	510	45.8%
2-Methylphenol	µg/kg-dw	110 *U*	58 *U*	consistent	310 *U*	270 *U*	consistent
4-Methylphenol	µg/kg-dw	110 *U*	58 *U*	consistent	310 *U*	1,000	inconsistent
Naphthalene	µg/kg-dw	110 *U*	58 *U*	consistent	1,700	3,600	71.7%
2-Nitroaniline	µg/kg-dw	220 *U*	120 *U*	consistent	620 *U*	560 *U*	consistent

Table B2-44. (cont.)

	Station	S379			S385		
	Date	8/12/2000			8/11/2000		
	Depth	15 - 30			0 - 15		
	Idepth	030			015		
	Duplicate	D1	D2		D1	D2	
	Sample Number	WS0010	WS0034		WS0021	WS0033	
Parameter	Units			RPD			RPD
SVOCs (cont.)							
3-Nitroaniline	µg/kg-dw	2800 *U*	1,500 *U*	consistent	7,900 *U*	7,100 *U*	consistent
4-Nitroaniline	µg/kg-dw	2,800 *U*	1,500 *U*	consistent	7,900 *U*	7,100 *U*	consistent
Nitrobenzene	µg/kg-dw	110 *U*	58 *U*	consistent	310 *U*	270 *U*	consistent
2-Nitrophenol	µg/kg-dw	570 *U*	300 *U*	consistent	1,600 *U*	1,400 *U*	consistent
4-Nitrophenol	µg/kg-dw	2,800 *U*	1,500 *U*	consistent	7,900 *U*	7,100 *U*	consistent
N-Nitrosodimethylamine	µg/kg-dw	570 *U*	300 *U*	consistent	1,600 *U*	1,400 *U*	consistent
N-Nitroso-di-n-propylamine	µg/kg-dw	110 *U*	58 *U*	consistent	310 *U*	270 *U*	consistent
N-Nitrosodiphenylamine	µg/kg-dw	110 *U*	58 *U*	consistent	310 *U*	270 *U*	consistent
2,2'-Oxybis(1-chloropropane)	µg/kg-dw	110 *U*	58 *U*	consistent	310 *U*	270 *UJ*	consistent
Pentachlorophenol	µg/kg-dw	2,800 *U*	1,500 *U*	consistent	7,900 *U*	7,100 *U*	consistent
Phenanthrene	µg/kg-dw	110 *U*	250	inconsistent	4,100	4,700	13.6%
Phenol	µg/kg-dw	110 *U*	58 *U*	consistent	850	4,800	139.8%
Pyrene	µg/kg-dw	110 *U*	400	inconsistent	5,400	5,700 *J*	5.4%
1,2,4-Trichlorobenzene	µg/kg-dw	110 *U*	58 *U*	consistent	3,900	9,200	80.9%
2,4,5-Trichlorophenol	µg/kg-dw	570 *U*	300 *U*	consistent	1,600 *U*	1,400 *U*	consistent
2,4,6-Trichlorophenol	µg/kg-dw	570 *U*	300 *U*	consistent	1,600 *U*	1,400 *U*	consistent
Pesticides							
Aldrin	µg/kg-dw	1.06 *U*	1.09 *U*	consistent	28.7 *J*	26.4 *J*	8.3%
alpha-BHC	µg/kg-dw	1.06 *UJ*	1.09 *UJ*	consistent	1.06 *UJ*	1.09 *UJ*	consistent
beta-BHC	µg/kg-dw	1.06 *UR*	1.09 *UJ*	-	10.7 *J*	1.09 *UJ*	inconsistent
delta-BHC	µg/kg-dw	1.06 *UR*	1.09 *UR*	-	3.14 *J*	2.77 *R*	-
gamma-BHC (Lindane)	µg/kg-dw	1.06 *UJ*	1.09 *UJ*	consistent	2.34 *J*	1.09 *UJ*	inconsistent
alpha-Chlordane	µg/kg-dw	1.06 *UJ*	1.09 *UJ*	consistent	2.02 *R*	1.09 *UJ*	-
gamma-Chlordane	µg/kg-dw	1.06 *UJ*	1.09 *UJ*	consistent	11.9 *R*	10.4 *R*	-
4,4'-DDD	µg/kg-dw	1.06 *UJ*	1.09 *UJ*	consistent	1.06 *UJ*	1.09 *UJ*	consistent
4,4'-DDE	µg/kg-dw	2.63 *R*	1.09 *UJ*	-	7.84 *J*	26.4 *J*	108.4%
4,4'-DDT	µg/kg-dw	1.27 *UJ*	3.51 *J*	inconsistent	20.8 *J*	56.3 *J*	92.1%
Dieldrin	µg/kg-dw	1.06 *U*	2.99 *R*	-	22.2 *J*	25.9	15.4%
Endosulfan I	µg/kg-dw	1.06 *UJ*	1.09 *UJ*	consistent	7.85 *J*	9.82 *J*	22.3%

Table B2-44. (cont.)

	Station	S379			S385		
	Date	8/12/2000			8/11/2000		
	Depth	15 - 30			0 - 15		
	Idepth	030			015		
	Duplicate	D1	D2		D1	D2	
	Sample Number	WS0010	WS0034		WS0021	WS0033	
Parameter	**Units**			**RPD**			**RPD**
Pesticides (cont.)							
Endosulfan II	µg/kg-dw	1.06 *UJ*	1.09 *UJ*	consistent	1.06 *UJ*	1.09 *UJ*	consistent
Endosulfan sulfate	µg/kg-dw	1.06 *UR*	1.09 *UR*	-	2.58 *R*	5.99 *R*	-
Endrin	µg/kg-dw	1.06 *U*	1.09 *UJ*	consistent	3.17 *R*	1.09 *U*	-
Endrin aldehyde	µg/kg-dw	1.06 *UJ*	1.09 *UJ*	consistent	1.06 *UJ*	7.17 *R*	-
Endrin ketone	µg/kg-dw	1.06 *UJ*	1.09 *UJ*	consistent	5.88 *J*	1.09 *UJ*	inconsistent
Heptachlor	µg/kg-dw	1.06 *U*	1.09 *U*	consistent	1.06 *UJ*	1.09 *U*	consistent
Heptachlor epoxide	µg/kg-dw	2.09 *J*	1.44 *R*	-	14.4 *J*	1.09 *U*	inconsistent
Methoxychlor	µg/kg-dw	1.06 *UJ*	1.09 *UJ*	consistent	1.06 *UJ*	1.09 *UJ*	consistent
Toxaphene	µg/kg-dw	106 *UJ*	109 *UJ*	consistent	106 *UJ*	109 *UJ*	consistent
PCDD/DFs							
2,3,7,8-Tetra-chlorodibenzo-dioxin	ng/kg-dw	0.1 *U*	0.403 *J*	inconsistent	71.6	40.5	55.5%
1,2,3,7,8-Pentachlorodibenzodioxin	ng/kg-dw	0.1 *U*	0.63 *U*	consistent	455	241	61.5%
1,2,3,4,7,8-Hexachlorodibenzodioxin	ng/kg-dw	0.185 *J*	0.356 *J*	63.2%	401	194	69.6%
1,2,3,6,7,8-Hexachlorodibenzodioxin	ng/kg-dw	0.141 *J*	1.55 *J*	166.6%	860	443	64.0%
1,2,3,7,8,9-Hexachlorodibenzodioxin	ng/kg-dw	0.202 *J*	0.994 *J*	132.4%	446	234	62.4%
1,2,3,4,6,7,8-Heptachlorodibenzodioxin	ng/kg-dw	3.75	18.3	132.0%	2,070	1,160	56.3%
Total tetrachlorodibenzodioxins	ng/kg-dw	3.77	10.8	96.5%	4,540	2,370	62.8%
Total pentachlorodibenzodioxins	ng/kg-dw	0.94 *J*	3.75	119.8%	4,400	2,500	55.1%
Total hexachlorodibenzodioxins	ng/kg-dw	0.78 *J*	11.5	174.6%	5,280	2,780	62.0%
Total heptachlorodibenzodioxins	ng/kg-dw	6.11	35.2	140.8%	3,500	2,070	51.3%
Octachlorodibenzodioxin	ng/kg-dw	20.6	121	141.8%	2,700	2,020	28.8%
2,3,7,8-Tetrachlorodibenzofuran	ng/kg-dw	0.789 *J*	225	198.6%	1,070	688	43.5%
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg-dw	0.371 *J*	22.2	193.4%	553	397	32.8%
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg-dw	0.322 *J*	20.1	193.7%	726	695	4.4%
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg-dw	0.747 *J*	12.5	177.4%	506	421	18.3%
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg-dw	0.399 *J*	3.13 *J*	154.8%	147	119	21.1%
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg-dw	0.1 *U*	0.368 *J*	inconsistent	12.8	9.95	25.1%
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg-dw	0.494 *J*	1.1 *J*	76.0%	49	37.6	26.3%
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg-dw	2.05 *J*	11.3	138.6%	391	283	32.0%

Table B2-44. (cont.)

	Station	S379			S385		
	Date	8/12/2000			8/11/2000		
	Depth	15 - 30			0 - 15		
	ldepth	030			015		
	Duplicate	D1	D2		D1	D2	
	Sample Number	WS0010	WS0034		WS0021	WS0033	
Parameter	Units			RPD			RPD
PCDD/DFs (cont.)							
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg-dw	0.259 *J*	3.62 *J*	173.3%	83.9	65.6	24.5%
Total tetrachlorodibenzofurans	ng/kg-dw	7.88	543	194.3%	4,960	4,430	11.3%
Total pentachlorodibenzofurans	ng/kg-dw	4.06	92.8	183.2%	3,280	2,930	11.3%
Total hexachlorodibenzofurans	ng/kg-dw	2.81	30	165.7%	1,300	1,070	19.4%
Total heptachlorodibenzofurans	ng/kg-dw	1.23 *J*	25.5	181.6%	718	539	28.5%
Octachlorodibenzofuran	ng/kg-dw	2.73 *J*	42.4	175.8%	774	633	20.0%
PCBs							
Aroclor 1016	µg/kg-dw	52.9 *U*	54.5 *U*	consistent	52.8 *U*	54.7 *U*	consistent
Aroclor 1221	µg/kg-dw	52.9 *U*	54.5 *U*	consistent	52.8 *U*	54.7 *U*	consistent
Aroclor 1232	µg/kg-dw	52.9 *U*	54.5 *U*	consistent	52.8 *U*	54.7 *U*	consistent
Aroclor 1242	µg/kg-dw	52.9 *U*	54.5 *U*	consistent	111 *J*	447 *J*	120.4%
Aroclor 1248	µg/kg-dw	52.9 *U*	54.5 *U*	consistent	52.8 *U*	54.7 *U*	consistent
Aroclor 1254	µg/kg-dw	52.9 *U*	56.3 *J*	inconsistent	419 *J*	473 *J*	12.1%
Aroclor 1260	µg/kg-dw	52.9 *U*	54.5 *U*	consistent	141 *J*	140 *J*	0.7%
Aroclor 1268	µg/kg-dw	52.9 *U*	157 *J*	inconsistent	52.8 *U*	54.7 *U*	consistent
Inorganics and Organometallic Compounds							
Aluminum	mg/kg-dw	9,760	2,810	110.6%	5,040	5,450	7.8%
Antimony	mg/kg-dw	0.7 *U*	0.34 *U*	consistent	1.3 *J*	0.89 *J*	37.4%
Arsenic	mg/kg-dw	8.4 *J*	1.7 *J*	132.7%	7.1	10.1	34.9%
Barium	mg/kg-dw	105	101	3.9%	370 *J*	410 *J*	10.3%
Beryllium	mg/kg-dw	0.66	0.25	90.1%	0.51	0.58	12.8%
Cadmium	mg/kg-dw	0.15	0.53	111.8%	1.9	2.6	31.1%
Calcium	mg/kg-dw	40,300 *J*	240,000 *J*	142.5%	164,000	229,000	33.1%
Chromium	mg/kg-dw	16.3	16.7	2.4%	49	60.2	20.5%
Cobalt	mg/kg-dw	3.5	2.1	50.0%	4.3	4.8	11.0%
Copper	mg/kg-dw	24.3	22.4	8.1%	63.8	84.7	28.1%
Cyanide	mg/kg-dw	1.9 *U*	0.88 *U*	consistent	0.89 *U*	0.96 *U*	consistent
Iron	mg/kg-dw	16,900 *J*	4,120 *J*	121.6%	10,800	12,700	16.2%
Lead	mg/kg-dw	20.7	46.2	76.2%	244 *J*	274 *J*	11.6%

Table B2-44. (cont.)

	Station	S379			S385		
	Date	8/12/2000			8/11/2000		
	Depth	15 - 30			0 - 15		
	ldepth	030			015		
	Duplicate	D1	D2		D1	D2	
	Sample Number	WS0010	WS0034		WS0021	WS0033	
Parameter	**Units**			**RPD**			**RPD**
Inorganics and Organometallic Compounds (cont.)							
Magnesium	mg/kg-dw	3,700	3370	9.3%	7,770	7,650	1.6%
Manganese	mg/kg-dw	158	187	16.8%	140	185	27.7%
Mercury	mg/kg-dw	0.22 *J*	1.8 *J*	156.4%	18	32.1	56.3%
Nickel	mg/kg-dw	21.6	16	29.8%	39.2	48.6	21.4%
Potassium	mg/kg-dw	1,550	518	99.8%	909	972	6.7%
Selenium	mg/kg-dw	2.5 *J*	0.67 *J*	115.5%	1.6	1.8	11.8%
Silver	mg/kg-dw	0.28 *U*	0.13 *U*	consistent	1.1	1.4	24.0%
Sodium	mg/kg-dw	4,540 *J*	1230 *J*	114.7%	1,390 *J*	1,780 *J*	24.6%
Thallium	mg/kg-dw	3.2	0.87 *U*	inconsistent	0.88 *U*	0.94 *U*	consistent
Vanadium	mg/kg-dw	19 *J*	5.1 *J*	115.4%	12.7	13.4	5.4%
Zinc	mg/kg-dw	33.1 *J*	61.2 *J*	59.6%	111	127	13.4%
Conventional Parameters							
Total organic carbon	%-dw	29.7	12.2	83.5%	14.4	21	37.3%
Total solids	%-ww	27.9	57.2	68.9%	53.6	51.7	3.6%
Grain-size Determination							
Percent sand	%-ww	70	64	9.0%	74	67	9.9%
Percent silt	%-ww	19	31	48.0%	20	26	26.1%
Percent clay	%-ww	11	5	75.0%	6	7	15.4%

Table B2-45. Field Duplicate Results for Dredge Material Samples

	Station	S436			S438			S442		
	Date	8/16/2000			8/16/2000			8/17/2000		
	Depth	104 - 183			61 - 149			183 - 232		
	Duplicate	D1	D2		D1	D2		D1	D2	
	Sample Number	DM0003	DM0043		DM0012	DM0042		DM0019	DM0041	
Parameter	**Units**			**RPD**			**RPD**			**RPD**
SVOCs										
Acenaphthene	µg/kg-dw	550 *U*	55 *UJ*	consistent	47	38 *UJ*	inconsistent	40 *U*	690 *J*	inconsistent
Acenaphthylene	µg/kg-dw	550 *U*	55 *UJ*	consistent	38 *U*	38 *UJ*	consistent	40 *U*	410 *UJ*	consistent
Anthracene	µg/kg-dw	550 *U*	55 *UJ*	consistent	79	51 *J*	43.1%	40 *U*	2,100 *J*	inconsistent
Benz(a)anthracene	µg/kg-dw	550 *U*	55 *UJ*	consistent	240	180 *J*	28.6%	40 *U*	8,600 *J*	inconsistent
Benzo(a)pyrene	µg/kg-dw	550 *U*	55 *UJ*	consistent	220	190 *J*	14.6%	40 *U*	8,400 *J*	inconsistent
Benzo(b)fluoranthene	µg/kg-dw	550 *U*	55 *UJ*	consistent	190	160 *J*	17.1%	40 *U*	6,300 *J*	inconsistent
Benzo(g,h,i)perylene	µg/kg-dw	550 *U*	55 *UJ*	consistent	130	120 *J*	8.0%	40 *U*	4,200 *J*	inconsistent
Benzo(k)fluoranthene	µg/kg-dw	550 *U*	55 *UJ*	consistent	190	180 *J*	5.4%	40 *U*	6,100 *J*	inconsistent
Benzyl Alcohol	µg/kg-dw	2,800 *U*	280 *UJ*	consistent	190 *U*	190 *UJ*	consistent	210 *U*	2,100 *UJ*	consistent
Bis(2-chloroethoxy)methane	µg/kg-dw	550 *U*	55 *UJ*	consistent	38 *U*	38 *UJ*	consistent	40 *U*	410 *UJ*	consistent
Bis(2-chloroethyl)ether	µg/kg-dw	550 *U*	55 *UJ*	consistent	38 *U*	38 *UJ*	consistent	40 *U*	410 *UJ*	consistent
Bis(2-ethylhexyl)phthalate	µg/kg-dw	550 *UJ*	55 *UJ*	consistent	830 *J*	87 *J*	162.1%	41	410 *UJ*	-
4-Bromophenyl-phenyl ether	µg/kg-dw	550 *U*	55 *UJ*	consistent	38 *U*	38 *UJ*	consistent	40 *U*	410 *UJ*	consistent
Butylbenzylphthalate	µg/kg-dw	550 *UJ*	55 *UJ*	consistent	38 *UJ*	38 *UJ*	consistent	40 *U*	410 *UJ*	consistent
Carbazole	µg/kg-dw	550 *U*	55 *UJ*	consistent	48	38 *UJ*	inconsistent	40 *U*	1,700 *J*	inconsistent
4-Chloro-3-methylphenol	µg/kg-dw	2,800 *U*	280 *UJ*	consistent	190 *U*	190 *UJ*	consistent	210 *U*	2,100 *UJ*	consistent
4-Chloroaniline	µg/kg-dw	550 *U*	55 *UJ*	consistent	38 *U*	38 *UJ*	consistent	40 *U*	410 *UJ*	consistent
2-Chloronaphthalene	µg/kg-dw	550 *U*	55 *UJ*	consistent	38 *U*	38 *UJ*	consistent	40 *U*	410 *UJ*	consistent
2-Chlorophenol	µg/kg-dw	550 *U*	55 *UJ*	consistent	38 *U*	38 *UJ*	consistent	40 *U*	410 *UJ*	consistent
4-Chlorophenyl-phenyl ether	µg/kg-dw	550 *U*	55 *UJ*	consistent	38 *U*	38 *UJ*	consistent	40 *U*	410 *UJ*	consistent
Chrysene	µg/kg-dw	550 *U*	55 *UJ*	consistent	260	220 *J*	16.7%	40 *U*	10,000 *J*	inconsistent
Dibenz(a,h)anthracene	µg/kg-dw	550 *U*	55 *UJ*	consistent	49	46 *J*	6.3%	40 *U*	1,500 *J*	inconsistent
Dibenzofuran	µg/kg-dw	550 *U*	55 *UJ*	consistent	38 *U*	38 *UJ*	consistent	40 *U*	410 *UJ*	consistent
1,2-Dichlorobenzene	µg/kg-dw	550 *U*	55 *UJ*	consistent	38 *U*	38 *UJ*	consistent	40 *U*	410 *UJ*	consistent
1,3-Dichlorobenzene	µg/kg-dw	550 *U*	55 *UJ*	consistent	38 *U*	38 *UJ*	consistent	40 *U*	410 *UJ*	consistent
1,4-Dichlorobenzene	µg/kg-dw	550 *U*	55 *UJ*	consistent	38 *U*	38 *UJ*	consistent	40 *U*	410 *UJ*	consistent
3,3-Dichlorobenzidine	µg/kg-dw	550 *U*	55 *UJ*	consistent	38 *U*	38 *UJ*	consistent	40 *U*	410 *UJ*	consistent
2,4-Dichlorophenol	µg/kg-dw	2,800 *U*	280 *UJ*	consistent	190 *U*	190 *UJ*	consistent	210 *U*	2,100 *UJ*	consistent
Diethylphthalate	µg/kg-dw	550 *U*	55 *UJ*	consistent	38 *U*	38 *UJ*	consistent	40 *U*	410 *UJ*	consistent
2,4-Dimethylphenol	µg/kg-dw	2,800 *U*	280 *UJ*	consistent	190 *U*	190 *UJ*	consistent	210 *U*	2,100 *UJ*	consistent
Dimethylphthalate	µg/kg-dw	550 *U*	55 *UJ*	consistent	38 *U*	38 *UJ*	consistent	40 *U*	410 *UJ*	consistent
Di-n-butylphthalate	µg/kg-dw	550 *U*	55 *UJ*	consistent	38 *U*	38 *UJ*	consistent	40 *U*	410 *UJ*	consistent
2,4-Dinitrophenol	µg/kg-dw	14,000 *U*	1,400 *UJ*	consistent	970 *U*	970 *UJ*	consistent	1,000 *U*	11,000 *UJ*	consistent
2,4-Dinitrotoluene	µg/kg-dw	2,800 *U*	280 *UJ*	consistent	190 *U*	190 *UJ*	consistent	210 *U*	2,100 *UJ*	consistent

Table B2-45. (cont.)

	Station	S436			S438			S442		
	Date	8/16/2000			8/16/2000			8/17/2000		
	Depth	104 - 183			61 - 149			183 - 232		
	Idepth	183			149			232		
	Duplicate	D1	D2		D1	D2		D1	D2	
	Sample Number	DM0003	DM0043		DM0012	DM0042		DM0019	DM0041	
Parameter	Units			RPD			RPD			RPD
SVOCs (cont.)										
2,6-Dinitrotoluene	µg/kg-dw	2,800 *U*	280 *UJ*	consistent	190 *U*	190 *UJ*	consistent	210 *U*	2,100 *UJ*	consistent
Di-n-octylphthalate	µg/kg-dw	550 *U*	55 *UJ*	consistent	38 *U*	38 *UJ*	consistent	40 *U*	410 *UJ*	consistent
Fluoranthene	µg/kg-dw	550 *U*	79 *J*	-	580	410 *J*	34.3%	40 *U*	17,000 *J*	inconsistent
Fluorene	µg/kg-dw	550 *U*	55 *UJ*	consistent	41	38 *UJ*	inconsistent	40 *U*	710 *J*	inconsistent
Hexachlorobenzene	µg/kg-dw	550 *U*	55 *UJ*	consistent	530	620 *J*	15.7%	40 *U*	410 *UJ*	consistent
Hexachlorobenzene (GC/ECD)	µg/kg-dw				621		-			
Hexachlorobutadiene	µg/kg-dw	550 *U*	55 *UJ*	consistent	38 *U*	38 *UJ*	consistent	40 *U*	410 *UJ*	consistent
Hexachlorocyclopentadiene	µg/kg-dw	2,800 *U*	280 *UJ*	consistent	190 *U*	190 *UJ*	consistent	210 *U*	2,100 *UJ*	consistent
Hexachloroethane	µg/kg-dw	550 *U*	55 *UJ*	consistent	38 *U*	38 *UJ*	consistent	40 *U*	410 *UJ*	consistent
Indeno(1,2,3-cd)pyrene	µg/kg-dw	550 *U*	55 *UJ*	consistent	130	100 *J*	26.1%	40 *U*	3,600 *J*	inconsistent
Isophorone	µg/kg-dw	550 *U*	55 *UJ*	consistent	38 *U*	38 *UJ*	consistent	40 *U*	410 *UJ*	consistent
2-Methyl-4,6-dinitrophenol	µg/kg-dw	14,000 *U*	1,400 *UJ*	consistent	970 *U*	970 *UJ*	consistent	1,000 *U*	11,000 *UJ*	consistent
2-Methylnaphthalene	µg/kg-dw	550 *U*	55 *UJ*	consistent	38 *U*	38 *UJ*	consistent	40 *U*	410 *UJ*	consistent
2-Methylphenol	µg/kg-dw	550 *U*	55 *UJ*	consistent	38 *U*	38 *UJ*	consistent	40 *U*	410 *UJ*	consistent
4-Methylphenol	µg/kg-dw	550 *U*	55 *UJ*	consistent	38 *U*	38 *UJ*	consistent	40 *U*	410 *UJ*	consistent
Naphthalene	µg/kg-dw	18,000	55 *UJ*	inconsistent	38 *U*	38 *UJ*	consistent	40 *U*	410 *UJ*	consistent
2-Nitroaniline	µg/kg-dw	1,100 *U*	110 *UJ*	consistent	76 *U*	77 *UJ*	consistent	82 *U*	830 *UJ*	consistent
3-Nitroaniline	µg/kg-dw	14,000 *U*	1,400 *UJ*	consistent	970 *U*	970 *UJ*	consistent	1,000 *U*	11,000 *UJ*	consistent
4-Nitroaniline	µg/kg-dw	14,000 *U*	1,400 *UJ*	consistent	970 *U*	970 *UJ*	consistent	1,000 *U*	11,000 *UJ*	consistent
Nitrobenzene	µg/kg-dw	550 *U*	55 *UJ*	consistent	38 *U*	38 *UJ*	consistent	40 *U*	410 *UJ*	consistent
2-Nitrophenol	µg/kg-dw	2,800 *U*	280 *UJ*	consistent	190 *U*	190 *UJ*	consistent	210 *U*	2,100 *UJ*	consistent
4-Nitrophenol	µg/kg-dw	14,000 *U*	1,400 *UJ*	consistent	970 *U*	970 *UJ*	consistent	1,000 *U*	11,000 *UJ*	consistent
N-Nitrosodimethylamine	µg/kg-dw	2,800 *U*	280 *UJ*	consistent	190 *U*	190 *UJ*	consistent	210 *U*	2,100 *UJ*	consistent
N-nitroso-di-n-propylamine	µg/kg-dw	550 *U*	55 *UJ*	consistent	38 *U*	38 *UJ*	consistent	40 *U*	410 *UJ*	consistent
N-Nitrosodiphenylamine(1)	µg/kg-dw	550 *U*	55 *UJ*	consistent	38 *U*	38 *UJ*	consistent	40 *U*	410 *UJ*	consistent
2,2'-Oxybis(1-chloropropane)	µg/kg-dw	550 *UJ*	55 *UJ*	consistent	38 *UJ*	38 *UJ*	consistent	40 *U*	410 *UJ*	consistent
Pentachlorophenol	µg/kg-dw	14,000 *U*	1,400 *UJ*	consistent	970 *U*	970 *UJ*	consistent	1,000 *U*	11,000 *UJ*	consistent
Phenanthrene	µg/kg-dw	550 *U*	55 *UJ*	consistent	430	290 *J*	38.9%	40 *U*	14,000 *J*	inconsistent
Phenol	µg/kg-dw	550 *U*	55 *UJ*	consistent	38 *U*	38 *UJ*	consistent	40 *U*	410 *UJ*	consistent
Pyrene	µg/kg-dw	550 *U*	76 *J*	-	440	340 *J*	25.6%	40 *U*	17,000 *J*	inconsistent
1,2,4-Trichlorobenzene	µg/kg-dw	550 *U*	55 *UJ*	consistent	38 *U*	38 *UJ*	consistent	40 *U*	410 *UJ*	consistent
2,4,5-Trichlorophenol	µg/kg-dw	2,800 *U*	280 *UJ*	consistent	190 *U*	190 *UJ*	consistent	210 *U*	2,100 *UJ*	consistent
2,4,6-Trichlorophenol	µg/kg-dw	2,800 *U*	280 *UJ*	consistent	190 *U*	190 *UJ*	consistent	210 *U*	2,100 *UJ*	consistent

Table B2-45. (cont.)

	Station	S436			S438			S442		
	Date	8/16/2000			8/16/2000			8/17/2000		
	Depth	104 - 183			61 - 149			183 - 232		
	Idepth	183			149			232		
	Duplicate	D1	D2		D1	D2		D1	D2	
	Sample Number	DM0003	DM0043		DM0012	DM0042		DM0019	DM0041	
Parameter	**Units**			**RPD**			**RPD**			**RPD**
PCDD/DFs										
2,3,7,8-Tetrachlorodibenzodioxin	ng/kg-dw	0.329 *J*	0.476 *J*	36.5%	0.112 *J*	0.126 *J*	11.8%	0.1 *U*		-
1,2,3,7,8-Pentachlorodibenzodioxin	ng/kg-dw	0.681 *J*	1.57	79.0%	0.177 *J*	0.212 *J*	18.0%	0.1 *U*		-
1,2,3,4,7,8-Hexachlorodibenzodioxin	ng/kg-dw	0.755 *J*	1.27 *J*	50.9%	0.128 *J*	0.282 *J*	75.1%	0.1 *U*		-
1,2,3,6,7,8-Hexachlorodibenzodioxin	ng/kg-dw	3.32	3.27 *J*	1.5%	0.584 *J*	0.817 *J*	33.3%	0.1 *U*		-
1,2,3,7,8,9-Hexachlorodibenzodioxin	ng/kg-dw	2.57 *J*	8.1	103.7%	0.445 *J*	0.482 *J*	8.0%	0.1 *U*		-
1,2,3,4,6,7,8-Heptachlorodibenzodioxin	ng/kg-dw	67.5	69.5	2.9%	13.8	15.9	14.1%	0.262 *J*		-
Total tetrachlorodibenzodioxins	ng/kg-dw	7.73	7.96	2.9%	0.856 *J*	1.17	31.0%	0.34 *J*		-
Total pentachlorodibenzodioxins	ng/kg-dw	5.94	14.9	86.0%	0.124 *J*	0.475 *J*	117.2%	0.43 *J*		-
Total hexachlorodibenzodioxins	ng/kg-dw	34.5	44.1	24.4%	4.86	3.9	21.9%	0.19 *J*		-
Total heptachlorodibenzodioxins	ng/kg-dw	159	156	1.9%	28.8	35.3	20.3%	0.26 *J*		-
Octachlorodibenzodioxin	ng/kg-dw	648	507	24.4%	144	172	17.7%	1.67 *J*		-
2,3,7,8-Tetrachlorodibenzofuran	ng/kg-dw	67.5	69.5	2.9%	14.7	14	4.9%	0.126 *J*		-
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg-dw	79.2	60.7	26.4%	21.2	10.3	69.2%	0.118 *J*		-
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg-dw	26.6	21.5	21.2%	6.91	3.95	54.5%	0.109 *J*		-
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg-dw	155	111	33.1%	63.7	35.7	56.3%	0.112 *J*		-
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg-dw	44.7	34.3	26.3%	25.1	10.2	84.4%	0.1 *U*		-
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg-dw	3.84	3.17	19.1%	1.34 *J*	0.56 *J*	82.1%	0.1 *U*		-
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg-dw	6.72	5.35	22.7%	2.93	1.51 *J*	64.0%	0.1 *U*		-
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg-dw	110	74.3	38.7%	66.9	41.6	46.6%	0.285 *J*		-
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg-dw	87.5	46.5	61.2%	60	49.3	19.6%	0.1 *U*		-
Total tetrachlorodibenzofurans	ng/kg-dw	254	208	19.9%	47.6	45.9	3.6%	1.08		-
Total pentachlorodibenzofurans	ng/kg-dw	275	204	29.6%	70.4	41.6	51.4%	0.22 *J*		-
Total hexachlorodibenzofurans	ng/kg-dw	461	301	42.0%	165	108	41.8%	0.32 *J*		-
Total heptachlorodibenzofurans	ng/kg-dw	382	223	52.6%	225	176	24.4%	0.29 *J*		-
Octachlorodibenzofuran	ng/kg-dw	713	423	51.1%	286	218	27.0%	0.415 *J*		-
PCBs										
Aroclor 1016	µg/kg-dw	51.9 *U*	53.6 *U*	consistent	53.9 *U*	106 *U*	consistent	54 *U*	54 *U*	consistent
Aroclor 1221	µg/kg-dw	51.9 *U*	53.6 *U*	consistent	53.9 *U*	106 *U*	consistent	54 *U*	54 *U*	consistent
Aroclor 1232	µg/kg-dw	51.9 *U*	53.6 *U*	consistent	53.9 *U*	106 *U*	consistent	54 *U*	54 *U*	consistent
Aroclor 1242	µg/kg-dw	28.3 *J*	48.5 *J*	52.6%	108 *J*	99.8 *J*	7.9%	54 *U*	54 *U*	consistent
Aroclor 1248	µg/kg-dw	51.9 *U*	53.6 *U*	consistent	53.9 *U*	106 *U*	consistent	54 *U*	54 *U*	consistent
Aroclor 1254	µg/kg-dw	33.8 *J*	63.9 *J*	61.6%	108 *J*	165 *J*	41.8%	54 *U*	54 *U*	consistent
Aroclor 1260	µg/kg-dw	51.9 *U*	53.6 *U*	consistent	53.9 *U*	106 *U*	consistent	54 *U*	54 *U*	consistent
Aroclor 1268	µg/kg-dw	204 *J*	438 *J*	72.9%	109 *J*	193 *J*	55.6%	54 *U*	54 *U*	consistent

Table B2-45. (cont.)

	Station	S436			S438			S442		
	Date	8/16/2000			8/16/2000			8/17/2000		
	Depth	104 - 183			61 - 149			183 - 232		
	Idepth	183			149			232		
	Duplicate	D1	D2		D1	D2		D1	D2	
	Sample Number	DM0003	DM0043		DM0012	DM0042		DM0019	DM0041	
Parameter	**Units**			**RPD**			**RPD**			**RPD**
Inorganics and Organometallic Compounds										
Aluminum	mg/kg-dw	5,730	5,780 *J*	0.9%	4,750 *J*	6,640 *J*	33.2%	13,800	12,200	12.3%
Antimony	mg/kg-dw	0.36	0.36	0.0%	0.22 *U*	0.22 *U*	consistent	0.8	0.92 *J*	14.0%
Arsenic	mg/kg-dw	10.8	13	18.5%	5.3	11.3	72.3%	4.3	4.4	2.3%
Barium	mg/kg-dw	87	87.9	1.0%	70.7	82.3	15.2%	80.2	77.4 *J*	3.6%
Beryllium	mg/kg-dw	0.6	0.7	15.4%	0.37	0.61	49.0%	0.58	0.54	7.1%
Cadmium	mg/kg-dw	0.73	0.72	1.4%	0.26	0.41	44.8%	0.034 *U*	0.034 *U*	consistent
Calcium	mg/kg-dw	271,000	265,000	2.2%	182,000	227,000	22.0%	61,000	64,200	5.1%
Chromium	mg/kg-dw	25.7 *J*	25.9	0.8%	21.3	21.3	0.0%	18.9	17.4 *J*	8.3%
Cobalt	mg/kg-dw	3.1	3.2	3.2%	2.8	4	35.3%	6.2	6.3	1.6%
Copper	mg/kg-dw	46.2	44	4.9%	21.8	33.2	41.5%	18.9	18.9	0.0%
Cyanide	mg/kg-dw	0.9	0.99	9.5%	0.57 *U*	0.57 *U*	consistent	1.4	0.6 *U*	inconsistent
Iron	mg/kg-dw	8,840	8,300	6.3%	8,900	11,500	25.5%	18,600	17,400	6.7%
Lead	mg/kg-dw	42.9	43.6	1.6%	13.8	17.6	24.2%	45.8 *J*	64.4	33.8%
Magnesium	mg/kg-dw	8,340	8,060	3.4%	8,790	7,820	11.7%	13,500	12,600	6.9%
Manganese	mg/kg-dw	270	280	3.6%	193	252	26.5%	385	390	1.3%
Mercury	mg/kg-dw	47.9	40 *J*	18.0%	36 *J*	57.6 *J*	46.2%	0.061 *J*	0.08	27.0%
Nickel	mg/kg-dw	29.9	31.5	5.2%	64.6	30.5	71.7%	16.1	15.4	4.4%
Potassium	mg/kg-dw	781	679	14.0%	1,570	2,380	41.0%	3,070	2,610	16.2%
Selenium	mg/kg-dw	0.88	0.62	34.7%	0.42 *U*	0.71	inconsistent	0.49	0.62	23.4%
Silver	mg/kg-dw	0.12 *U*	0.12 *U*	consistent	0.086 *U*	0.086 *U*	consistent	0.091 *U*	0.09 *U*	consistent
Sodium	mg/kg-dw	2,000 *J*	2,070 *J*	3.4%	812 *J*	1,060 *J*	26.5%	338	324	4.2%
Thallium	mg/kg-dw	0.77 *U*	0.76 *U*	consistent	0.56 *U*	0.56 *U*	consistent	0.59 *U*	0.59 *U*	consistent
Vanadium	mg/kg-dw	12.7	13.3	4.6%	12.7	19.7	43.2%	25.9	24	7.6%
Zinc	mg/kg-dw	128	91.4	33.4%	51.8	65.1	22.8%	47.1 *J*	44.9	4.8%
Conventional Parameters										
Total organic carbon	%-dw	8.38	9.04	7.6%	7.41	8.31	11.5%	1.27	2.24	55.3%
Total solids	%-ww	64	64.6	0.9%	87.3	87	0.3%	82.6	83	0.5%
Grain-size Determination										
Percent sand	%-ww	7	10	35.3%	80	81	1.2%	47	14	108.2%
Percent silt	%-ww	79	75	5.2%	14	13	7.4%	31	63	68.1%
Percent clay	%-ww	14	15	6.9%	6	6	0.0%	22	23	4.4%

Table B2-46. Field Duplicate Results for Lake Water Samples

		Station	S303		
		Date	7/22/2000		
		Duplicate	D1	D2	
		Sample Number	OW0007	OW0008	
Parameter		**Units**			**RPD**
Inorganic and Organometallic Compounds					
	Iron	µg/L-ww	60 *J*	45 *J*	28.6%
	Iron-dissolved	µg/L-ww	20 *J*	21 *J*	4.9%
	Manganese	µg/L-ww	584	579	0.9%
	Manganese-dissolved	µg/L-ww	571	587	2.8%
	Mercury-total	ng/L-ww	11	9.9	10.5%
	Mercury-dissolved	ng/L-dis	6.1	5.7	6.8%
	Methylmercury	ng/L-ww	3.84	2.6	38.5%
	Methylmercury-dissolved	ng/L-dis	3.84	2.28	51.0%
Conventional Parameters					
	Sulfides	µg/L-ww	12 *U*	11 *U*	consistent
	Sulfides-dissolved	µg/L-ww	10 *U*	10 *U*	consistent
	Total suspended solids	mg/L-sus	3.3 *J*	2.8 *J*	16.4%

Table B2-47. Field Duplicate Results for Benthic Invertebrate Samples

Station		S402			S404		
Date		7/30/2000			7/31/2000		
Duplicate		D1	D2		D1	D2	
Sample Number		AP0005	AP0006		CM0009	CM0006A	
	Units			RPD			RPD
PCBs							
Aroclor 1016	µg/kg-ww	113 *U*	150 *U*	consistent	107 *U*		-
Aroclor 1221	µg/kg-ww	113 *U*	150 *U*	consistent	107 *U*		-
Aroclor 1232	µg/kg-ww	113 *U*	150 *U*	consistent	107 *U*		-
Aroclor 1242	µg/kg-ww	79.1 *J*	92.9 *J*	16.0%	130 *J*		-
Aroclor 1248	µg/kg-ww	113 *U*	150 *U*	consistent	107 *U*		-
Aroclor 1254	µg/kg-ww	42.1 *J*	150 *U*	-	107 *U*		-
Aroclor 1260	µg/kg-ww	33.9 *J*	150 *U*	-	55.6 *J*		-
Aroclor 1268	µg/kg-ww	113 *U*	150 *U*	consistent	107 *U*		-
Inorganic and Organometallic Compounds							
Mercury	µg/kg-ww	105	135	25.0%	868	732	17.0%
Methylmercury	µg/kg-ww	51.9	37.4	32.5%	26.3	34.9	28.1%
Conventional Parameters							
Lipid	µg/kg-ww	14,100,000	14,500,000	2.8%	8,440,000		-
Total solids	%-ww	12.6	13.9	9.8%	15	17.1	13.1%

Appendix B3

Supplemental Wetland SYW-6 Data (2002) and Validation Report

Table B3-1. Supplemental Wetland SYW-6 Sampling, Metals and TOC

	Station	SYW6-1	SYW6-1	SYW6-2	SYW6-2	SYW6-3	SYW6-3	SYW6-4	SYW6-4	SYW6-4 DUP	SYW6-5	SYW6-5
	Depth (cm)	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	15 - 30	0 - 15	15 - 30
	Date	05/09/02	05/09/02	05/09/02	05/09/02	05/09/02	05/09/02	05/09/02	05/09/02	05/09/02	05/09/02	05/09/02
	Units											
Aluminum	mg/kg	1,780	3,720	13,700 J	7,700 J	5,310 J	8,080 J	6,610	4,240	4,150	1,550	634
Antimony	mg/kg	0.8 J	0.26 J	0.54 J	0.19 UJ	2.2 J	1.2 J	0.12 UJ	0.15 J	0.085 UJ	0.05 UJ	0.061 UJ
Arsenic	mg/kg	0.86	2.3	7.7 J	5.9 J	3.4 J	4 J	1.9	1.6	1.4	0.54	1.2
Barium	mg/kg	107	129	224 J	133 J	114 J	131 J	151	124	126	78	111
Beryllium	mg/kg	0.11	0.22	0.88 J	0.49 J	0.4 J	0.54 J	0.41	0.23	0.22	0.073	0.021
Cadmium	mg/kg	2	1.8	4.6 J	2.5 J	5.4 J	2.6 J	0.68	0.52	0.41	0.46	0.67
Calcium	mg/kg	275,000	288,000	37,600 J	38,500 J	78,300 J	86,100 J	193,000	238,000	261,000	258,000	336,000
Chromium	mg/kg	30.9	24	86 J	34 J	89.4 J	46.1 J	14.9	9.5	9.1	11.2	12.3
Cobalt	mg/kg	1.8 J	2.2 J	7.1 J	6.7 J	4.9 J	4.3 J	3.2 J	2.1 J	2 J	1.5 J	1.1 J
Copper	mg/kg	18.4	21.8	122 J	45.1 J	71.6 J	67.1 J	26	16.7	14.7	9.5	12.1
Iron	mg/kg	3,420 J	5,270 J	32,400 J	24,000 J	11,300 J	11,100 J	8,270	5,450 J	5,200	3,290 J	1,920 J
Lead	mg/kg	58.2 J	89.9 J	164 J	75 J	143 J	178 J	32.3 J	16.5 J	14.2 J	17.6 J	11.5 J
Magnesium	mg/kg	2,950 J	3,290 J	9,580 J	13,000 J	6,070 J	3,790 J	4,150 J	3,210 J	3,310 J	4,320 J	2,340 J
Manganese	mg/kg	280 J	301 J	434 J	406 J	288 J	156 J	287 J	158 J	160 J	222 J	299 J
Mercury	mg/kg	1	1.5	0.63 J	0.39 J	4.5 J	1.6 J	0.2	0.15	0.11	0.19	0.26
Nickel	mg/kg	15.4	20.7	75 J	37.9 J	52 J	44.4 J	17.4	10.8	10.2	5.5	8.2
Potassium	mg/kg	372 J	220 J	800 J	734 J	1030 J	979 J	841 J	490 J	502 J	442 J	165 J
Selenium	mg/kg	0.22 U	0.24 U	0.68 J	1 J	0.88 J	1.2 J	0.27 U	0.22 U	0.19 U	0.11 U	0.13 U
Silver	mg/kg	0.3	0.27	0.88 J	0.67 J	1.4 J	0.83 J	0.37	0.032 UJ	0.028 U	0.017 U	0.02 U
Sodium	mg/kg	964 J	532 J	1,240 J	1,120 J	2,380 J	1,650 J	1,340 J	906 J	946 J	456 J	501 J
Thallium	mg/kg	0.22 U	0.24 U	1.9 J	1.4 J	0.73 J	0.71 J	0.27 U	1	0.19 U	0.11 U	0.13 U
Vanadium	mg/kg	5.1	8.5	36.4 J	19.9 J	16.2 J	20.2 J	15.6	9.5	9.1	3.4	1.6
Zinc	mg/kg	75.8 J	80.5 J	239 J	165 J	195 J	163 J	60.4 J	26.6 J	25 J	33.6 J	22.5 J
Total organic carbon	mg/kg	61,200	61,800	171,000	122,000	176,000	208,000	107,000	92,600	98,400	61,900	75,800

Note: Samples collected by NYSDEC/TAMS and analyzed by Mitkem Corporation.

Table B3-2. Supplemental Wetland SYW-6 Sampling, Semi-volatile Organic Compounds

	Station	SYW6-1	SYW6-1	SYW6-2	SYW6-2	SYW6-3	SYW6-3	SYW6-4	SYW6-4	SYW6-4 DUP	SYW6-5	SYW6-5
	Depth (cm)	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	15 - 30	0 - 15	15 - 30
	Date	05/09/02	05/09/02	05/09/02	05/09/02	05/09/02	05/09/02	05/09/02	05/09/02	05/09/02	05/09/02	05/09/02
	Units											
Acenaphthene	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	6,300 J	950 U	720 U	690 U	420 U	460 U
Acenaphthylene	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	320 J	7,500 J	540 J	78 J	690 U	420 U	460 U
Anthracene	µg/kg	100 J	800 U	1,500 UJ	1,400 UJ	540 J	18,000 J	720 J	99 J	89 J	420 U	460 U
Benzo(a)anthracene	µg/kg	520 J	170 J	1,500 UJ	190 J	1,900 J	49,000 J	2,200	360 J	280 J	180 J	460 U
Benzo(a)pyrene	µg/kg	550 J	200 J	1,500 UJ	210 J	2,000 J	48,000 J	1,400	250 J	190 J	190 J	460 U
Benzo(b)fluoranthene	µg/kg	730 J	240 J	1,500 UJ	350 J	2,600 J	59,000 J	1,900	320 J	250 J	250 J	460 U
Benzo(g,h,i)perylene	µg/kg	410 J	800 U	1,500 UJ	180 J	1,400 J	28,000 J	550 J	110 J	76 J	110 J	460 U
Benzo(k)fluoranthene	µg/kg	260 J	800 U	1,500 UJ	1,400 UJ	730 J	22,000 J	850 J	150 J	100 J	94 J	460 U
Bis(2-chloroethoxy)methane	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	6,300 UJ	950 U	720 U	690 U	420 U	460 U
Bis(2-chloroethyl)ether	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	6,300 UJ	950 U	720 U	690 U	420 U	460 U
Bis(2-ethylhexyl)phthalate	µg/kg	740 U	800 U	1,500 UJ	240 J	1,900 UJ	6,300 UJ	130 J	720 U	690 U	420 U	460 U
4-Bromophenyl-phenyl ether	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	6,300 UJ	950 U	720 U	690 U	420 U	460 U
Butylbenzylphthalate	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	6,300 UJ	950 U	720 U	690 U	420 U	460 U
Carbazole	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	6,600 J	950 U	720 U	690 U	420 U	460 U
2-Chloronaphthalene	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	6,300 UJ	950 U	720 U	690 U	420 U	460 U
2-Chlorophenol	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	6,300 UJ	950 U	720 U	690 U	420 U	460 U
4-Chloro-3-methylphenol	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	6,300 UJ	950 U	720 U	690 U	420 U	460 U
4-Chloroaniline	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	6,300 UJ	950 U	720 U	690 U	420 U	460 U
4-Chlorophenyl-phenyl ether	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	6,300 UJ	950 U	720 U	690 U	420 U	460 U
Chrysene	µg/kg	670 J	210 J	170 J	300 J	2,100 J	48,000 J	1,800	300 J	230 J	200 J	50 J
Dibenz(a,h)anthracene	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	7,900 J	260 J	720 U	690 U	420 U	460 U
Dibenzofuran	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	7,600 J	950 U	720 U	690 U	420 U	460 U
1,2-Dichlorobenzene	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	6,300 UJ	950 U	720 U	690 U	420 U	460 U
1,3-Dichlorobenzene	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	6,300 UJ	950 U	720 U	690 U	420 U	460 U
1,4-Dichlorobenzene	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	6,300 UJ	950 U	720 U	690 U	420 U	460 U
3,3-Dichlorobenzidine	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	6,300 UJ	950 U	720 U	690 U	420 U	460 U
2,4-Dichlorophenol	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	6,300 UJ	950 U	720 U	690 U	420 U	460 U
Diethylphthalate	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	6,300 UJ	950 U	720 U	690 U	420 U	460 U
2,4-Dimethylphenol	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	820 J	950 U	720 U	690 U	420 U	460 U
Dimethylphthalate	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	6,300 UJ	950 U	720 U	690 U	420 U	460 U
Di-n-butylphthalate	µg/kg	740 U	800 U	1,500 UJ	170 J	1,900 UJ	6,300 UJ	950 U	720 U	690 U	420 U	460 U
2,4-Dinitrophenol	µg/kg	1,500 U	1,600 U	3,000 UJ	2,800 UJ	3,900 UJ	13,000 UJ	1,900 U	1,400 UJ	1,400 UJ	840 U	930 U
2,4-Dinitrotoluene	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	6,300 UJ	950 U	720 U	690 U	420 U	460 U
2,6-Dinitrotoluene	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	6,300 UJ	950 U	720 U	690 U	420 U	460 U
4,6-Dinitro-2-methylphenol	µg/kg	1,500 U	1,600 U	3,000 UJ	2,800 UJ	3,900 UJ	13,000 UJ	1,900 U	1,400 UJ	1,400 UJ	840 U	930 U
Di-n-octylphthalate	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	6,300 UJ	950 U	720 U	690 U	420 U	460 U
Fluoranthene	µg/kg	990	320 J	310 J	450 J	3,800 J	86,000 J	3,700	580 J	490 J	210 J	59 J
Fluorene	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	260 J	12,000 J	110 J	720 U	690 U	420 U	460 U
Hexachlorobenzene	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	6,300 UJ	950 U	720 U	690 U	420 U	460 U
Hexachlorobutadiene	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	6,300 UJ	950 U	720 U	690 U	420 U	460 U
Hexachlorocyclopentadiene	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	6,300 UJ	950 U	720 U	690 U	420 U	460 U
Hexachloroethane	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	6,300 UJ	950 U	720 U	690 U	420 U	460 U
Indeno(1,2,3-cd)pyrene	µg/kg	360 J	800 U	1,500 UJ	170 J	1,400 J	28,000 J	620 J	130 J	92 J	120 J	460 U
Isophorone	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	6,300 UJ	950 U	720 U	690 U	420 U	460 U

Table B3-2. (cont.)

Station	SYW6-1	SYW6-1	SYW6-2	SYW6-2	SYW6-3	SYW6-3	SYW6-4	SYW6-4	SYW6-4 DUP	SYW6-5	SYW6-5
Depth (cm)	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	0 - 15	15 - 30	15 - 30	0 - 15	15 - 30
Date	05/09/02	05/09/02	05/09/02	05/09/02	05/09/02	05/09/02	05/09/02	05/09/02	05/09/02	05/09/02	05/09/02
Units											
2-Methylnaphthalene	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	5,600 J	950 U	720 U	690 U	420 U	460 U
2-Methylphenol	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	6,300 UJ	950 U	720 U	690 U	420 U	460 U
4-Methylphenol	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	1,100 J	100 J	720 U	690 U	420 U	460 U
Naphthalene	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	7,600 J	950 U	720 U	690 U	420 U	460 U
2-Nitroaniline	µg/kg	1,500 U	1,600 U	3,000 UJ	2,800 UJ	3,900 UJ	13,000 UJ	1,900 U	1,400 U	1,400 U	840 U	930 U
3-Nitroaniline	µg/kg	1,500 U	1,600 U	3,000 UJ	2,800 UJ	3,900 UJ	13,000 UJ	1,900 U	1,400 U	1,400 U	840 U	930 U
4-Nitroaniline	µg/kg	1,500 U	1,600 U	3,000 UJ	2,800 UJ	3,900 UJ	13,000 UJ	1,900 U	1,400 U	1,400 U	840 U	930 U
Nitrobenzene	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	6,300 UJ	950 U	720 U	690 U	420 U	460 U
2-Nitrophenol	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	6,300 UJ	950 U	720 U	690 U	420 U	460 U
4-Nitrophenol	µg/kg	1,500 U	1,600 U	3,000 UJ	2,800 UJ	3,900 UJ	13,000 UJ	1,900 U	1,400 U	1,400 U	840 U	930 U
N-nitroso-di-n-propylamine	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	6,300 UJ	950 U	720 U	690 U	420 U	460 U
N-Nitrosodiphenylamine(1)	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	6,300 UJ	950 U	720 U	690 U	420 U	460 U
2,2'-Oxybis(1-chloropropane)	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	6,300 UJ	950 U	720 U	690 U	420 U	460 U
Pentachlorophenol	µg/kg	1,500 U	1,600 U	3,000 UJ	2,800 UJ	3,900 UJ	13,000 UJ	1,900 U	1,400 U	1,400 U	840 U	930 U
Phenanthrene	µg/kg	570 J	120 J	1,500 UJ	260 J	2,000 J	63,000 J	1,200	170 J	200 J	60 J	460 U
Phenol	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	650 J	950 U	720 U	690 U	420 U	460 U
Pyrene	µg/kg	1,100	320 J	260 J	460 J	3,400 J	83,000 J	3,400	540 J	440 J	240 J	72 J
1,2,4-Trichlorobenzene	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	6,300 UJ	950 U	720 U	690 U	420 U	460 U
2,4,5-Trichlorophenol	µg/kg	1,500 U	1,600 U	3,000 UJ	2,800 UJ	3,900 UJ	13,000 UJ	1,900 U	1,400 U	1,400 U	840 U	930 U
2,4,6-Trichlorophenol	µg/kg	740 U	800 U	1,500 UJ	1,400 UJ	1,900 UJ	6,300 UJ	950 U	720 U	690 U	420 U	460 U

Note: Samples collected by NYSDEC/TAMS and analyzed by Mitkem Corporation.

orig-MCS (NYO)
cc-AAB (NJO)
TJL (DEC)

Analytical Assurance Associates, Inc.
600 Rock Raymond Road
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INORGANIC (TAL METALS) DATA VALIDATION REPORT

SYW-6
10 Samples TAMS/NYSDEC
Collected 5/9/02

ONONDAGA LAKE NPL S SITE

ANALYZED BY
MITKEM CORPORATION
WARWICK, RHODE ISLAND

REVIEWED BY:
Analytical Assurance Associates (A3)
600 Rock Raymond Road
Downingtown, PA 19335

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TAMS CONSULTANTTS, INC.
ONONDAGA LAKE NPL SITE
PROJECT SDG NO.: A0730

SAMPLE INFORMATION

This data validation review consists of eleven soil samples including one set of field duplicate samples, collected on 5-09-02. Mitkem Laboratory located in Warwick, Rhode Island received the samples on 5-11-02. Sample analysis was performed based on the criteria set forth in ILM04.0 for TAL metals.

The following samples were included in this data package:

SYW6-10015	SYW6-30015	SYW6-41530DUP
SYW6-11530	SYW6-31530	SYW6-50015
SYW6-20015	SYW6-40015	SYW6-51530
SYW6-21530	SYW6-41530	

The MS and MD analyses were performed on sample SYW6-21530 for ICP metals mercury.

All data have been validated with regard to criteria established in NYSDEC ASP for evaluating classical chemistry and qualified based on Region II functional Guidelines. If you have any questions or comments, please call Zohreh Hamid at (610) 269-9989.

QUALITY ASSURANCE REVIEW

The finding offered in this report are based upon a review of the following criteria:

- Data Completeness
- Holding Times
- Blanks
- Matrix Spike Analysis
- Matrix Duplicate Analysis
- Laboratory Control Sample Analysis
- Instrument Detection Limits
- Field Duplicate Results
- Sample Results

DATA COMPLETENESS

The IDL for mercury was inadvertently reported as 0.0 ug/L on Form X.

The CRDL samples were not analyzed prior and after the sample analyses.

The %D for lead (10.5%) exceeded the requirement. The results were not qualified with "E" qualifier code on forms I and form IX as required by the applied method.

The spike recoveries for Mg and Mn were outside the control limits of 75-125%. The results for these analytes were not qualified with "N" qualifier code.

The spike recovery for potassium was within the control limit. The reported data on forms I was inadvertently qualified with an "N" qualifier code.

The results for potassium were incorrectly flagged with an asterisk (*). The results for this analyte were below the CRQLs in field sample and field duplicate sample.

HOLDING TIME

All samples were prepared/analyzed within the requirements established in the New York State ASP requirements.

CALIBRATIONS & CRDL Analyses

The recoveries for all analytes in the initial and continuing calibrations were within the control limits. The CRDLs were not analyzed for ICP metals. The reported sample data were not qualified based on this issue as noted in Region II Functional Guidelines.

BLANKS

The preparation blanks, ICBs and CCBs were free of target analytes at levels above the corresponding CRDLs for all analyses.

MATRIX SPIKE/SPIKE DUPLICATE ANALYSIS

Matrix spike analysis was performed for all analytes. The recoveries for Sb (48.9%), Pb (41.0%), Mg (5.6%) and Mn (52.4%) were outside the control limits of 75-125%. The reported data for Sb, Pb and Mn were considered biased low and qualified estimated "J & UJ". The reported data for Mg were considered biased low and possibility of false negative exist. The positive results were qualified "J" and the non-detected values were rejected due to the extremely low spike recovery.

MATRIX DUPLICATE ANALYSIS

The laboratory matrix duplicate analysis was also performed for all metals. The RPDs for all analytes were within the Region II data validation requirements established for soil samples with the exception of sodium. The positive results were qualified estimated.

LABORATORY CONTROL SAMPLE

The recoveries for all analyses were within the control limits.

SERIAL DILUTION

The %Ds for Co (25%), Fe (11.4%), Pb (10.5%), K (22.2%), Na (13.6%) and Zn (12.2%) were above the control limit of 10%. The positive sample results were qualified estimated.

DUPLICATE ANALYSIS

A set of field duplicate (SYW6-41530/Duplicate) sample was analyzed. The RPDs were reported on table I. The reproducibility of the data is acceptable.

SAMPLE RESULTS

The reported data for samples with %solids below 30% were qualified estimated.

SUMMARY

The cooler temperature was within the control limits. The reported data were considered acceptable with the applied qualifier codes.

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Table I
Duplicate Analysis
SDG NO.: A0730

Analyte	Field Sample Result	Field Duplicate Results	RPD
Al	4240	4150	2
Sb	0.15 B	0.085 U	NC
As	1.6 B	1.4 B	NC
Ba	124	126	1.6
Be	0.23 B	0.22 B	NC
Cd	0.52 B	0.41 B	NC
Ca	238000	261000	9
Cr	9.5	9.1	4.3
Co	2.1 B	2.0 B	NC
Cu	16.7	14.7	12.7
Fe	5450	5200	4.7
Pb	16.5	14.2	15.0
Mg	3210	3310	3.1
Mn	158	160	1.3
Hg	0.15	0.11	30.8
Ni	10.8	10.2	7.6
K	490 B	502	2.4
Se	0.22 U	0.19 U	NC
Ag	0.032 U	0.028 U	NC
Na	906	946	4.3
Tl	1.0 B	0.19 U	NC
V	9.5	9.1	4.3
Zn	26.6	25.0	6.2

MC =Not Calculated

GLOSSARY OF DATA QUALIFIERS

CODES RELATING TO IDENTIFICATION

(confidence concerning presence or absence of compounds):

U = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS. [Substantially is equivalent to a result less than 10 times the blank level for common contaminants (methylene chloride, acetone and 2- butanone in the VOA analyses, and common phthalates in the BNA analyses, along with tentatively identified compounds) or less than 5 times the blank level for other target compounds.]

R = UNUSABLE RESULT. THE PRESENCE OR ABSENCE OF THIS ANALYTE CANNOT BE VERIFIED. SUPPORTING DATA NECESSARY TO CONFIRM RESULT.

N = NEGATED COMPOUND. THERE IS PRESUMPTIVE EVIDENCE TO MAKE A TENTATIVE IDENTIFICCATION.

CODES RELATING TO QUATITATION

(can be used for both positive results and sample quantitation limits):

J = ANALYTE WAS POSITIVELY IDENTIFIED. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE.

UJ = ANALYTE WAS NOT DETECTED. THE REPORTED QUATITATION LIMIT IS QUALIFIED ESTIMATED.

OTHER CODES

Q = NO ANALYTICAL RESULT.

orig - MLS(NYO)
cc - ABC(TAMS NJ
TJL (Dec)

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ORGANIC (SVOCs) DATA VALIDATION REPORT

SYW-6
10 Samples
Collected 5/9/02

ONONDAGA LAKE NPL S SITE

ANALYZED BY
MITKEM CORPORATION
WARWICK, RHODE ISLAND

REVIEWED BY:
Analytical Assurance Associates (A3)
600 Rock Raymond Road
Downingtown, PA 19335

RECEIVED
JUL 11 2002
TAMS CONSULTANTS, INC.
BLOOMFIELD, NJ

TAMS CONSULTANTTS, INC.
ONONDAGA LAKE NPL SITE
PROJECT SDG NO.: A0730

SAMPLE INFORMATION

This data validation review consists of eleven soil samples including one set of field duplicate samples, collected on 5-09-02. Mitkem Laboratory located in Warwick, Rhode Island received the samples on 5-11-02. Sample analysis was performed based on the criteria set forth in NYSDEC ASP "10, 95", Method for TCL Semivolatile compounds.

The following samples were included in this data package:

SYW6-10015	SYW6-30015	SYW6-41530DUP
SYW6-11530	SYW6-31530	SYW6-50015
SYW6-20015	SYW6-40015	SYW6-51530
SYW6-21530	SYW6-41530	

The spike sample analysis was not performed.

All data have been validated in accordance with the quality assurance guidelines established in NYSDEC ASP with regard to the data usability set forth in the USEPA Region II Standard Operating Procedure (SOP # HW-6 Revision 10) & the applied methods. If you have any questions or comments, please call Zohreh Hamid at (610) 269-9989.

The findings offered in this report are based upon a rigorous review of the following criteria.

Holding Times
GC/MS Instrument Performance Check
Calibration Analysis
Blank Analysis
Systems Monitoring Compound/Surrogate Recoveries
Matrix Spike/Spike Duplicate
Laboratory Control Sample
Internal Standard
Field duplicate Analysis
Instrument Performance
Compound Identification
Compound Quantitation/ Data Completeness

HOLDING TIME

All samples were extracted and analyzed within the holding time requirements established in NYSDEC ASP.

CALIBRATION ANALYSIS

All response factors, %RSDs and %Ds were within the data validation requirement limits with the exception of %Ds for 2,4-dinitrophenol (46.9%) and 4,6-dinitro-2-methylphenol (28%) in continuing calibration analyzed on 5-16-02. These compounds were not detected in the corresponding samples. The non-detected values were qualified estimated "UJ". Affected samples: SYW6-4153DUP, SYW6-41530 & SYW6-31530.

SURROGATE RECOVERY

All samples were spiked with eight surrogate compounds as required by the applied method. The recoveries were within the control limits.

BLANK ANALYSIS

The laboratory blank was free of target compounds. One unknown compound (RT=8.36 min) was reported in this blank as a TIC. The reported sample results were considered as a laboratory artifacts and rejected in the samples.

INTERNAL STANDARD RECOVERY

The standard area and retention times for all standards were within the control limits established by the laboratory.

MATRIX SPIKE/ SPIKE DUPLICATE

Matrix spike/spike duplicate analyses were not performed for this batch.

LABORATORY CONTROL SAMPLE

A blank spike and spike duplicate samples were analyzed for all target compounds. The recoveries and RPDs were within the control limits with the exception of 2,4-dinitrophenol recoveries (29/28%) in BS/BSD which were less than lower control value of 31%. The data were not qualified solely based on these outliers since the deviations were marginal and the recoveries were above 10%.

FIELD DUPLICATE ANALYSIS

A set of field duplicate analysis was provided. Target compounds were not detected in these samples at levels above the CRQLs. The RPDs are not calculable and the reproducibility is considered satisfactory.

COMPOUND IDENTIFICATION/QUANTITATION

All samples were analyzed at one-fold dilutions with the exception of sample SYW6-31530. This sample was initially analyzed at 5-fold dilution due to the sample background contamination. The reported sample data were accepted.

The % solids were below 30% in samples SYW6-20015, SYW6-21530, SYW6-30015 and SYW6-31530. Therefore, the CRQLs were elevated. The reported sample results and non-detected values were qualified estimated.

DATA PACKAGE COMPLETENESS

The data package completeness is satisfactory.

SUMMARY

The samples were received by the laboratory in good conditions. The cooler temperature (6 °C) was within the control limits. The results below the CRQLs were qualified "J" due to the uncertainty of the results near the detection limits. Overall major problems were not encountered during the analyses. The minor issues have been reported. The sample data were considered representative with the applied qualifier codes.

Table I
Organic Data Analysis
SDG No.: A0730

Compound Name	Field Sample SYW6-4153	Field Duplicate SYW6-4153DUP	RPD
Acenaphthylene	78 J	690 U	NC
Phenanthrene	170 J	200 J	NC
Anthracene	99 J	89 J	NC
Fluoranthene	580 J	490 J	NC
Pyrene	540 J	440 J	NC
Benzo (a) antheracene	360 J	280 J	NC
Chrysene	300 J	230 J	NC
Benzo (b) Fluoranthene	320 J	250 J	NC
Benzo (k) fluoranthene	150 J	100 J	NC
Benzo (a) pyrene	250 J	190 J	NC
Indeno (1,2,3-cd) Pyrene	130 J	92 J	NC
Benzo (g,h,i) perylene	110 J	76 J	NC

NC= Not calculated

GLOSSARY OF DATA QUALIFIERS

CODES RELATING TO IDENTIFICATION

(confidence concerning presence or absence of compounds):

U = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS. [Substantially is equivalent to a result less than 10 times the blank level for common contaminants (methylene chloride, acetone and 2- butanone in the VOA analyses, and common phthalates in the BNA analyses, along with tentatively identified compounds) or less than 5 times the blank level for other target compounds.]

R = UNUSABLE RESULT. THE PRESENCE OR ABSENCE OF THIS ANALYTE CANNOT BE VERIFIED. SUPPORTING DATA NECESSARY TO CONFIRM RESULT.

N = NEGATED COMPOUND. THERE IS PRESUMPTIVE EVIDENCE TO MAKE A TENTATIVE IDENTIFICCATION.

CODES RELATING TO QUATITATION

(can be used for both positive results and sample quantitation limits):

J = ANALYTE WAS POSITIVELY IDENTIFIED. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE.

UJ = ANALYTE WAS NOT DETECTED. THE REPORTED QUATITATION LIMIT IS QUALIFIED ESTIMATED.

OTHER CODES

Q = NO ANALYTICAL RESULT.

Appendix C

Phase 2A Toxicity Test Data

Appendix C1

Data Tables

Sample ID: **Lab control**

	Replicate Test Vessel											
Test Endpoint	**C**	**G**	**K**	**L**	**A**	**B**	**D**	**E**	**F**	**H**	**I**	**J**
# Amphipods Alive - Day 28	10	8	10	10	9	9	9	10	8	10	10	10
Percent Survival - Day 28	100	80	100	100	90	90	90	100	80	100	100	100
Tare Wt (g)	1.03248	1.03593	1.03978	1.01434								
Tin + Dry amphipods (g)	1.03603	1.04125	1.04465	1.01992								
Dry Wt per Amphipod (mg)	0.355	0.665	0.487	0.558								
# Amphipods Alive - Day 42					9	9	8	10	8	10	10	10
Percent Survival - Day 42					90	90	80	100	80	100	100	100
# Female Amphipods					5	5	4	5	4	7	5	6
# Male Amphipods					4	4	4	4	5	3	5	4
# Immature Amphipods					0	0	0	0	0	0	0	0
# Offspring - Day 28					6	0	0	0	0	0	0	0
# Offspring - Day 35					16	31	44	40	13	48	18	27
# Offspring - Day 42					17	12	7	14	10	22	25	24
# Offspring/Female					7.8	8.6	12.75	10.8	5.75	10	8.6	8.5

Station: **OT-6 (Reference area)**
Sample ID: **TX0001**

	Replicate Test Vessel											
Test Endpoint	**C**	**G**	**K**	**L**	**A**	**B**	**D**	**E**	**F**	**H**	**I**	**J**
# Amphipods Alive - Day 28	10	10	9	10	10	9	9	9	10	10	7	10
Percent Survival - Day 28	100	100	90	100	100	90	90	90	100	100	70	100
Tare Wt (g)	1.05297	1.04878	1.04469	1.01662								
Tin + Dry amphipods (g)	1.05764	1.05363	1.04863	1.02064								
Dry Wt per Amphipod (mg)	0.467	0.485	0.43778	0.402								
# Amphipods Alive - Day 42					9	8	9	9	9	10	7	10
Percent Survival - Day 42					90	80	90	90	90	100	70	100
# Female Amphipods					2	4	5	4	5	4	4	6
# Male Amphipods					7	4	4	5	4	6	3	4
# Immature Amphipods					0	0	0	0	0	0	0	0
# Offspring - Day 28					0	1	0	0	0	0	0	0
# Offspring - Day 35					10	6	19	16	5	16	9	10
# Offspring - Day 42					2	9	29	1	24	9	7	10
# Offspring/Female					6	4	9.6	4.25	5.8	6.25	4	3.333

Station: S344
Sample ID: TX0002

Test Endpoint	Replicate Test Vessel											
	C	G	K	L	A	B	D	E	F	H	I	J
# Amphipods Alive - Day 28	4	5	1	3	2	4	1	5	1	2	4	1
Percent Survival - Day 28	40	50	10	30	20	40	10	50	10	20	40	10
Tare Wt (g)	1.06614	1.04898	1.03235	1.02762								
Tin + Dry amphipods (g)	1.0682	1.0504	1.03248	1.02849								
Dry Wt per Amphipod (mg)	0.515	0.284	0.13	0.29								
# Amphipods Alive - Day 42					2	3	1	3	0	2	3	1
Percent Survival - Day 42					20	30	10	30	0	20	30	10
# Female Amphipods					1	1	0	2	0	1	1	1
# Male Amphipods					0	1	1	1	0	1	2	0
# Immature Amphipods					1	1	0	0	0	0	0	0
# Offspring - Day 28					0	0	0	0	0	0	0	0
# Offspring - Day 35					0	0	0	0	0	0	0	0
# Offspring - Day 42					0	0	0	5	0	8	0	0
# Offspring/Female					0	0		2.5		8	0	0

Station: S342
Sample ID: TX0003

Test Endpoint	Replicate Test Vessel											
	C	G	K	L	A	B	D	E	F	H	I	J
# Amphipods Alive - Day 28	2	1	1	2	1	2	2	1	0	1	1	2
Percent Survival - Day 28	20	10	10	20	10	20	20	10	0	10	10	20
Tare Wt (g)	1.03252	1.03419	1.05801	1.06426								
Tin + Dry amphipods (g)	1.03382	1.03502	1.05853	1.06562								
Dry Wt per Amphipod (mg)	0.65	0.83	0.52	0.68								
# Amphipods Alive - Day 42					0	2	2	0	0	1	0	2
Percent Survival - Day 42					0	20	20	0	0	10	0	20
# Female Amphipods					0	1	0	0		0	0	1
# Male Amphipods					0	1	2	0		1	0	1
# Immature Amphipods					0	0	0	0		0	0	0
# Offspring - Day 28					0	0	0	0		0	0	0
# Offspring - Day 35					0	0	0	0		0	0	0
# Offspring - Day 42					0	12	0	0		0	0	0
# Offspring/Female						12						0

Station: S355
Sample ID: TX0004

	Replicate Test Vessel											
Test Endpoint	**C**	**G**	**K**	**L**	**A**	**B**	**D**	**E**	**F**	**H**	**I**	**J**
# Amphipods Alive - Day 28	8	6	8	10	5	9	6	10	10	9	10	9
Percent Survival - Day 28	80	60	80	100	50	90	60	100	100	90	100	90
Tare Wt (g)	1.02415	1.03523	1.04002	1.0298								
Tin + Dry amphipods (g)	1.03152	1.0418	1.04715	1.03718								
Dry Wt per Amphipod (mg)	0.92125	1.095	0.89125	0.738								
# Amphipods Alive - Day 42					5	7	2	9	10	6	10	8
Percent Survival - Day 42					50	70	20	90	100	60	100	80
# Female Amphipods					4	2	1	3	4	2	7	1
# Male Amphipods					1	5	1	6	6	3	3	7
# Immature Amphipods					0	0	0	0	0	1	0	0
# Offspring - Day 28					0	0	0	0	0	0	0	0
# Offspring - Day 35					37	8	1	0	16	5	9	11
# Offspring - Day 42					44	3	10	10	31	20	38	0
# Offspring/Female					20.25	5.5	11	3.333	11.75	12.5	6.714	11

Station: S354
Sample ID: TX0005

	Replicate Test Vessel											
Test Endpoint	**C**	**G**	**K**	**L**	**A**	**B**	**D**	**E**	**F**	**H**	**I**	**J**
# Amphipods Alive - Day 28	10	10	9	10	10	10	9	10	9	8	9	10
Percent Survival - Day 28	100	100	90	100	100	100	90	100	90	80	90	100
Tare Wt (g)	1.0639	1.03169	1.04393	1.04058								
Tin + Dry amphipods (g)	1.0708	1.03985	1.05203	1.05052								
Dry Wt per Amphipod (mg)	0.69	0.816	0.9	0.994								
# Amphipods Alive - Day 42					9	9	9	10	7	8	9	10
Percent Survival - Day 42					90	90	90	100	70	80	90	100
# Female Amphipods					4	6	6	5	2	4	3	3
# Male Amphipods					5	3	3	5	5	4	6	7
# Immature Amphipods					0	0	0	0	0	0	0	0
# Offspring - Day 28					0	0	0	0	0	0	0	0
# Offspring - Day 35					27	3	15	35	8	34	5	2
# Offspring - Day 42					9	66	64	26	5	23	4	18
# Offspring/Female					9	11.5	13.17	12.2	6.5	14.25	3	6.667

Station: S337
Sample ID: TX0006

Test Endpoint	Replicate Test Vessel											
	C	G	K	L	A	B	D	E	F	H	I	J
# Amphipods Alive - Day 28	5	6	7	6	6	7	10	7	7	5	7	5
Percent Survival - Day 28	50	60	70	60	60	70	100	70	70	50	70	50
Tare Wt (g)	1.05311	1.06148	1.0649	1.05236								
Tin + Dry amphipods (g)	1.0549	1.06317	1.06798	1.05486								
Dry Wt per Amphipod (mg)	0.358	0.28167	0.44	0.41667								
# Amphipods Alive - Day 42					4	6	8	6	7	5	6	5
Percent Survival - Day 42					40	60	80	60	70	50	60	50
# Female Amphipods					2	4	5	3	3	2	3	0
# Male Amphipods					2	2	3	3	4	3	3	5
# Immature Amphipods					0	0	0	0	0	0	0	0
# Offspring - Day 28					0	0	0	0	0	0	0	0
# Offspring - Day 35					0	0	7	0	0	0	0	0
# Offspring - Day 42					6	31	4	13	2	2	11	0
# Offspring/Female					3	7.75	2.2	4.333	0.667	1	3.667	

Station: S332
Sample ID: TX0007

Test Endpoint	Replicate Test Vessel											
	C	G	K	L	A	B	D	E	F	H	I	J
# Amphipods Alive - Day 28	4	2	3	0	4	5	2	2	3	2	5	2
Percent Survival - Day 28	40	20	30	0	40	50	20	20	30	20	50	20
Tare Wt (g)	1.04534	1.0448	1.02086	1.04164								
Tin + Dry amphipods (g)	1.04697	1.04588	1.0219									
Dry Wt per Amphipod (mg)	0.4075	0.54	0.34667									
# Amphipods Alive - Day 42					2	5	2	2	1	2	5	2
Percent Survival - Day 42					20	50	20	20	10	20	50	20
# Female Amphipods					0	4	2	0	1	1	3	0
# Male Amphipods					2	1	0	2	0	1	2	2
# Immature Amphipods					0	0	0	0	0	0	0	0
# Offspring - Day 28					0	0	0	0	0	0	0	0
# Offspring - Day 35					0	5	0	0	0	0	0	0
# Offspring - Day 42					0	30	0	0	5	8	21	0
# Offspring/Female						8.75	0		5	8	7	

Station: S315
Sample ID: TX0008

	Replicate Test Vessel											
Test Endpoint	**C**	**G**	**K**	**L**	**A**	**B**	**D**	**E**	**F**	**H**	**I**	**J**
# Amphipods Alive - Day 28	10	9	10	8	8	10	10	8	10	9	7	8
Percent Survival - Day 28	100	90	100	80	80	100	100	80	100	90	70	80
Tare Wt (g)	1.03133	1.01494	1.01705	1.02219								
Tin + Dry amphipods (g)	1.03783	1.02142	1.02424	1.02937								
Dry Wt per Amphipod (mg)	0.65	0.72	0.719	0.8975								
# Amphipods Alive - Day 42					5	10	10	8	10	8	7	8
Percent Survival - Day 42					50	100	100	80	100	80	70	80
# Female Amphipods					1	4	7	2	5	5	5	5
# Male Amphipods					4	6	3	6	5	3	2	3
# Immature Amphipods					0	0	0	0	0	0	0	0
# Offspring - Day 28					0	0	0	0	0	0	0	0
# Offspring - Day 35					2	9	11	14	2	17	3	0
# Offspring - Day 42					4	43	99	0	52	57	78	74
# Offspring/Female					6	13	15.71	7	10.8	14.8	16.2	14.8

Station: S317
Sample ID: TX0009

	Replicate Test Vessel											
Test Endpoint	**C**	**G**	**K**	**L**	**A**	**B**	**D**	**E**	**F**	**H**	**I**	**J**
# Amphipods Alive - Day 28	7	8	9	10	6	8	7	6	7	9	7	7
Percent Survival - Day 28	70	80	90	100	60	80	70	60	70	90	70	70
Tare Wt (g)	1.03871	1.03968	1.06433	1.04161								
Tin + Dry amphipods (g)	1.04181	1.04284	1.06775	1.04515								
Dry Wt per Amphipod (mg)	0.44286	0.395	0.38	0.354								
# Amphipods Alive - Day 42					6	8	6	6	7	9	7	7
Percent Survival - Day 42					60	80	60	60	70	90	70	70
# Female Amphipods					4	5	2	2	4	4	6	1
# Male Amphipods					2	3	4	4	3	5	1	6
# Immature Amphipods					0	0	0	0	0	0	0	0
# Offspring - Day 28					0	0	0	0	0	0	0	0
# Offspring - Day 35					0	7	1	0	0	0	6	0
# Offspring - Day 42					27	1	1	8	7	11	37	0
# Offspring/Female					6.75	1.6	1	4	1.75	2.75	7.167	0

Station: S372
Sample ID: TX0010

Test Endpoint	Replicate Test Vessel											
	C	G	K	L	A	B	D	E	F	H	I	J
# Amphipods Alive - Day 28	9	9	10	10	10	10	10	8	10	9	10	10
Percent Survival - Day 28	90	90	100	100	100	100	100	80	100	90	100	100
Tare Wt (g)	1.06356	1.04245	1.047	1.01677								
Tin + Dry amphipods (g)	1.07051	1.05052	1.05625	1.02449								
Dry Wt per Amphipod (mg)	0.77222	0.89667	0.925	0.772								
# Amphipods Alive - Day 42					10	10	9	7	9	9	10	8
Percent Survival - Day 42					100	100	90	70	90	90	100	80
# Female Amphipods					1	7	5	3	3	4	3	2
# Male Amphipods					9	3	4	4	6	5	6	6
# Immature Amphipods					0	0	0	0	0	0	1	0
# Offspring - Day 28					0	0	29	16	0	13	5	2
# Offspring - Day 35					0	0	38	2	14	8	29	0
# Offspring - Day 42					0	89	12	31	14	41	8	14
# Offspring/Female					0	12.71	15.8	16.33	9.333	15.5	14	8

Station: S305
Sample ID: TX0011

Test Endpoint	Replicate Test Vessel											
	C	G	K	L	A	B	D	E	F	H	I	J
# Amphipods Alive - Day 28	10	9	10	10	6	9	10	9	10	9	9	8
Percent Survival - Day 28	100	90	100	100	60	90	100	90	100	90	90	80
Tare Wt (g)	1.02858	1.07081	1.0631	1.06488								
Tin + Dry amphipods (g)	1.03248	1.07422	1.0671	1.06958								
Dry Wt per Amphipod (mg)	0.39	0.37889	0.4	0.47								
# Amphipods Alive - Day 42					5	9	8	9	10	9	9	8
Percent Survival - Day 42					50	90	80	90	100	90	90	80
# Female Amphipods					2	3	4	4	4	5	5	4
# Male Amphipods					3	6	4	5	6	4	4	4
# Immature Amphipods					0	0	0	0	0	0	0	0
# Offspring - Day 28					0	0	0	0	0	0	0	0
# Offspring - Day 35					5	12	8	1	12	10	24	5
# Offspring - Day 42					9	4	5	14	4	11	7	13
# Offspring/Female					7	5.333	3.25	3.75	4	4.2	6.2	4.5

Station: S302
Sample ID: TX0012

Test Endpoint	Replicate Test Vessel C	G	K	L	A	B	D	E	F	H	I	J
# Amphipods Alive - Day 28	10	9	9	9	10	10	10	8	10	8	9	7
Percent Survival - Day 28	100	90	90	90	100	100	100	80	100	80	90	70
Tare Wt (g)	1.03934	1.0393	1.0284	1.02275								
Tin + Dry amphipods (g)	1.0454	1.04413	1.03205	1.0276								
Dry Wt per Amphipod (mg)	0.606	0.53667	0.40556	0.53889								
# Amphipods Alive - Day 42					10	8	10	7	9	8	9	7
Percent Survival - Day 42					100	80	100	70	90	80	90	70
# Female Amphipods					5	3	6	2	5	4	5	5
# Male Amphipods					5	5	4	5	4	4	4	2
# Immature Amphipods					0	0	0	0	0	0	0	0
# Offspring - Day 28					0	0	0	0	0	0	0	0
# Offspring - Day 35					22	3	15	13	15	13	7	15
# Offspring - Day 42					15	20	28	0	24	15	22	30
# Offspring/Female					7.4	7.667	7.167	6.5	7.8	7	5.8	9

Station: S303
Sample ID: TX0013

Test Endpoint	Replicate Test Vessel C	G	K	L	A	B	D	E	F	H	I	J
# Amphipods Alive - Day 28	10	10	10	10	9	8	9	10	10	10	10	9
Percent Survival - Day 28	100	100	100	100	90	80	90	100	100	100	100	90
Tare Wt (g)	1.04784	1.03531	1.06301	1.05525								
Tin + Dry amphipods (g)	1.05444	1.04287	1.07003	1.0626								
Dry Wt per Amphipod (mg)	0.66	0.756	0.702	0.735								
# Amphipods Alive - Day 42					9	8	8	9	10	10	9	9
Percent Survival - Day 42					90	80	80	90	100	100	90	90
# Female Amphipods					4	5	4	2	5	3	3	3
# Male Amphipods					5	3	4	6	5	6	6	6
# Immature Amphipods					0	0	0	0	0	1	0	0
# Offspring - Day 28					0	0	0	0	0	0	0	0
# Offspring - Day 35					18	14	16	0	14	28	6	15
# Offspring - Day 42					25	22	27	23	22	22	36	15
# Offspring/Female					10.75	7.2	10.75	11.5	7.2	16.67	14	10

Station: S323
Sample ID: TX0014

Test Endpoint	Replicate Test Vessel											
	C	G	K	L	A	B	D	E	F	H	I	J
# Amphipods Alive - Day 28	8	9	7	9	9	8	9	9	9	10	8	10
Percent Survival - Day 28	80	90	70	90	90	80	90	90	90	100	80	100
Tare Wt (g)	1.05459	1.04103	1.03845	1.03838								
Tin + Dry amphipods (g)	1.05701	1.04331	1.04043	1.04165								
Dry Wt per Amphipod (mg)	0.3025	0.25333	0.28286	0.36333								
# Amphipods Alive - Day 42					9	8	9	9	9	10	8	10
Percent Survival - Day 42					90	80	90	90	90	100	80	100
# Female Amphipods					5	3	6	4	5	5	4	7
# Male Amphipods					0	5	1	5	4	5	4	3
# Immature Amphipods					1	0	1	0	0	0	0	0
# Offspring - Day 28					0	0	0	0	0	0	0	0
# Offspring - Day 35					7	2	1	2	2	0	15	3
# Offspring - Day 42					28	0	18	19	8	15	0	14
# Offspring/Female					7	0.667	3.167	5.25	2	3	3.75	2.429

Station: S320
Sample ID: TX0015

Test Endpoint	Replicate Test Vessel											
	C	G	K	L	A	B	D	E	F	H	I	J
# Amphipods Alive - Day 28	10	8	8	10	10	9	10	8	7	9	9	10
Percent Survival - Day 28	100	80	80	100	100	90	100	80	70	90	90	100
Tare Wt (g)	1.03319	1.04865	1.02636	1.02785								
Tin + Dry amphipods (g)	1.0359	1.05217	1.02909	1.03073								
Dry Wt per Amphipod (mg)	0.271	0.44	0.34125	0.288								
# Amphipods Alive - Day 42					10	9	10	8	7	9	9	10
Percent Survival - Day 42					100	90	100	80	70	90	90	100
# Female Amphipods					6	5	6	5	5	8	6	5
# Male Amphipods					4	4	4	3	2	3	3	3
# Immature Amphipods					0	0	0	0	0	0	0	0
# Offspring - Day 28					0	0	0	0	0	0	0	0
# Offspring - Day 35					3	11	3	2	13	19	6	1
# Offspring - Day 42					23	31	20	15	6	40	17	14
# Offspring/Female					4.333	8.4	3.833	3.4	3.8	7.375	3.833	3

Station: S365
Sample ID: TX0016

	Replicate Test Vessel											
Test Endpoint	**C**	**G**	**K**	**L**	**A**	**B**	**D**	**E**	**F**	**H**	**I**	**J**
# Amphipods Alive - Day 28	3	4	2	2	3	1	9	8	7	4	4	5
Percent Survival - Day 28	30	40	20	20	30	10	90	80	70	40	40	50
Tare Wt (g)	1.05734	1.06283	1.05842	1.06071								
Tin + Dry amphipods (g)	1.05838	1.06363	1.05906	1.06187								
Dry Wt per Amphipod (mg)	0.34667	0.2	0.32	0.58								
# Amphipods Alive - Day 42					2	1	7	7	7	3	3	5
Percent Survival - Day 42					20	10	70	70	70	30	30	50
# Female Amphipods					0	1	3	5	0	0	0	2
# Male Amphipods					2	0	4	2	7	3	3	2
# Immature Amphipods					0	0	0	0	0	0	0	0
# Offspring - Day 28					0	0	0	0	0	0	0	0
# Offspring - Day 35					0	0	7	2	0	0	0	2
# Offspring - Day 42					0	0	0	8	0	0	0	6
# Offspring/Female							2.333	2				4

Station: OT-7 (Reference area)
Sample ID: TX0017

	Replicate Test Vessel											
Test Endpoint	**C**	**G**	**K**	**L**	**A**	**B**	**D**	**E**	**F**	**H**	**I**	**J**
# Amphipods Alive - Day 28	10	10	10	10	10	10	10	10	10	10	8	10
Percent Survival - Day 28	100	100	100	100	100	100	100	100	100	100	80	100
Tare Wt (g)	1.04455	1.04838	1.04444	1.04479								
Tin + Dry amphipods (g)	1.04895	1.05095	1.0487	1.04927								
Dry Wt per Amphipod (mg)	0.44	0.257	0.426	0.448								
# Amphipods Alive - Day 42					10	10	10	3	9	9	8	10
Percent Survival - Day 42					100	100	100	30	90	90	80	100
# Female Amphipods					5	6	7	3	4	5	5	7
# Male Amphipods					5	4	3	0	4	4	2	3
# Immature Amphipods					0	0	0	0	1	0	0	0
# Offspring - Day 28					10	0	0	7	0	0	0	0
# Offspring - Day 35					22	14	1	7	2	9	22	42
# Offspring - Day 42					17	38	4	0	0	9	13	17
# Offspring/Female					9.8	8.667	0.714	4.667	0.5	3.6	7	8.429

Day 20: Chironomid Survival and Ash-Free Dry Weight

Station	Sample ID	Rep.	Number of Chironomid Larvae	Number of Chironomid Pupae	Number of Adult Chironomid	Percent Survival	Tin + Chironomid Dry Weight (g)	Tin + Chironomid Ashed Weight (g)	Ash-Free Dry Weight (mg)
Lab Control	Lab Control	b	9	1	0	83	0.96024	0.95556	0.5200
		d	12	0	0	100	0.93266	0.92721	0.4542
		h	8	2	2	100	1.05193	1.04761	0.5400
		I	7	3	2	100	1.09003	1.08647	0.5086
OT-6	TX0001	b	9	0	0	75	0.93765	0.93191	0.6378
		d	10	0	0	83	0.94135	0.93532	0.6030
		h	2	7	2	92	0.92837	0.9267	0.8350
		I	6	1	0	58	0.94595	0.93988	1.0117
S344	TX0002	b	0	0	0	0	--	--	--
		d	0	0	0	0	--	--	--
		h	0	0	0	0	--	--	--
		I	0	0	0	0	--	--	--
S342	TX0003	b	0	0	0	0	--	--	--
		d	0	0	0	0	--	--	--
		h	0	0	0	0	--	--	--
		I	0	0	0	0	--	--	--
S355	TX0004	b	0	3	5	67	--	--	--
		d	2	0	6	67	0.94188	0.9398	1.0400
		h	0	5	2	58	--	--	--
		I	7	4	0	92	0.95667	0.9498	0.9814
S354	TX0005	b	6	1	2	75	0.9458	0.9398	1.0000
		d	3	2	4	75	0.94074	0.93931	0.4767
		h	4	1	7	100	0.94884	0.94511	0.9325
		I	8	1	2	92	0.95563	0.95205	0.4475
S337	TX0006	b	0	0	0	0	--	--	--
		d	0	0	0	0	--	--	--
		h	0	0	0	0	--	--	--
		I	0	0	0	0	--	--	--
S332	TX0007	b	0	0	0	0	--	--	--
		d	0	0	0	0	--	--	--
		h	0	0	0	0	--	--	--
		I	0	0	0	0	--	--	--
S315	TX0008	b	1	1	4	50	0.94575	0.94522	0.5300
		d	1	1	0	17	0.9385	0.93801	0.4900
		h	9	1	1	92	0.95843	0.95539	0.3378
		I	7	1	1	75	0.9554	0.95009	0.7586
S317	TX0009	b	4	0	0	33	--	--	--
		d	8	1	0	75	0.95885	0.95556	0.4113
		h	4	0	0	33	0.92616	0.92441	0.4375
		I	12	0	0	100	0.93802	0.93524	0.2317
S372	TX0010	b	5	1	2	67	1.07318	1.07109	0.4180
		d	8	0	3	92	1.03838	1.03488	0.4375
		h	5	3	0	67	1.05739	1.05453	0.5720
		I	9	0	1	83	1.06231	1.06023	0.2311
S305	TX0011	b	10	0	0	83	1.06424	1.0556	0.8640
		d	6	2	0	67	1.05253	1.04639	1.0233
		h	5	2	0	58	1.07273	1.06791	0.9640
		I	12	0	0	100	1.06903	1.05779	0.9367

Day 20: Chironomid Survival and Ash-Free Dry Weight

Station	Sample ID	Rep.	Number of Chironomid Larvae	Number of Chironomid Pupae	Number of Adult Chironomid	Percent Survival	Tin + Chironomid Dry Weight (g)	Tin + Chironomid Ashed Weight (g)	Ash-Free Dry Weight (mg)
S302	TX0012	b	10	0	0	83	1.07448	1.06878	0.5700
		d	7	0	0	58	1.06171	1.05779	0.5600
		h	9	0	1	83	1.07272	1.06466	0.8956
		I	4	1	0	42	1.02933	1.02624	0.7725
S303	TX0013	b	2	2	3	58	1.04873	1.04621	1.2600
		d	1	3	3	58	1.05612	1.05562	0.5000
		h	4	3	0	58	1.064	1.0599	1.0250
		I	5	2	2	75	1.0694	1.06439	1.0020
S323	TX0014	b	0	1	0	8	--	--	--
		d	1	0	0	8	1.05735	1.05724	0.1100
		h	3	1	0	33	1.06032	1.05997	0.1167
		I	1	1	0	17	1.0224	1.02201	0.3900
S320	TX0015	b	11	0	0	92	1.08182	1.07524	0.5982
		d	3	0	0	25	1.09675	1.09448	0.7567
		h	8	1	0	75	1.07541	1.07131	0.5125
		I	2	3	0	42	1.06125	1.0598	0.7250
S365	TX0016	b	8	0	0	67	1.04205	1.04009	0.2450
		d	6	0	0	50	1.07323	1.07288	0.0583
		h	4	0	0	33	1.05787	1.05692	0.2375
		I	4	0	0	33	1.07595	1.07429	0.4150
OT-7	TX0017	b	7	3	0	83	1.05101	1.04535	0.8086
		d	12	0	0	100	1.05331	1.04538	0.6608
		h	11	0	0	92	1.05706	1.05068	0.5800
		I	9	1	0	83	1.06744	1.06151	0.6589

Sample ID: Lab Control

Test Day	Number of Chironomid Emerged per Vessel								Time to Emergence per Vessel							
	a	c	e	f	g	j	k	l	a	c	e	f	g	j	k	l
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	2	1	1	0	0	1	0	0	38	19	19	0	0	19	0	0
20	0	0	1	2	0	0	1	0	0	0	20	40	0	0	20	0
21	0	1	1	0	0	1	0	0	0	21	21	0	0	21	0	0
22	0	0	1	1	1	0	0	0	0	0	22	22	22	0	0	0
23	3	1	1	0	0	0	1	0	69	23	23	0	0	0	23	0
24	2	0	0	0	0	1	0	0	48	0	0	0	0	24	0	0
25	0	1	0	0	1	2	0	0	0	25	0	0	25	50	0	0
26	1	1	0	0	0	1	0	1	26	26	0	0	0	26	0	26
27	0	1	1	1	2	1	1	1	0	27	27	27	54	27	27	27
28	2	1	2	0	1	2	0	0	56	28	56	0	28	56	0	0
29	0	0	1	0	0	2	1	2	0	0	29	0	0	58	29	58
30	0	1	0	1	1	0	0	1	0	30	0	30	30	0	0	30
31	0	1	0	1	0	0	1	1	0	31	0	31	0	0	31	31
32	0	0	0	0	1	0	1	0	0	0	0	0	32	0	32	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	1	0	0	0	0	0	0	0	34	0
35	0	0	0	0	1	0	1	0	0	0	0	0	35	0	35	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	38
39	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	78
40	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	40
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total emerged:	10	9	9	6	8	11	8	10	Weighted Mean Time							
% emergence:	83	75	75	50	67	92	67	83	to Emergence:	23.7	25.6	24.1	25	28.3	25.5	28.9	32.8
Mean % Emergence:	74								Mean time to Emergence:	27							

Station: **OT-6 (Reference area)**
Sample ID: **TX0001**

Test Day	Number of Chironomid Emerged per Vessel								Time to Emergence per Vessel							
	a	c	e	f	g	j	k	l	a	c	e	f	g	j	k	l
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	3	0	1	0	0	0	0	0	60	0	20	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	1	1	3	2	2	0	0	0	22	22	66	44	44	0	0	0
23	0	1	1	0	1	0	0	0	0	23	23	0	23	0	0	0
24	0	0	0	0	1	1	0	1	0	0	0	0	24	24	0	24
25	0	0	0	0	0	2	0	0	0	0	0	0	0	50	0	0
26	2	0	1	1	0	1	0	1	52	0	26	26	0	26	0	26
27	0	2	0	1	0	0	0	1	0	54	0	27	0	0	0	27
28	0	1	0	0	0	0	0	0	0	28	0	0	0	0	0	0
29	0	1	0	2	2	1	0	1	0	29	0	58	58	29	0	29
30	0	0	0	0	0	0	1	0	0	0	0	0	0	0	30	0
31	0	0	0	0	0	1	1	1	0	0	0	0	0	31	31	31
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0	1	0	0	0	0	0	0	0	33	0	0	0	0	0	0
34	0	1	0	0	0	0	0	0	0	34	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	1	0	0	0	0	0	0	0	37	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	1	0	0	0	0	0	0	0	40	0
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total emerged:	3	8	8	6	7	6	4	5	Weighted Mean Time							
% emergence:	25	67	67	50	58	50	33	42	to Emergence:	24.7	27.9	21.9	25.8	24.1	26.7	34.5	27.4
Mean % Emergence:	49								Mean time to Emergence:	27							

Station: S355
Sample ID: TX0004

Test Day	Number of Chironomid Emerged per Vessel								Time to Emergence per Vessel							
	a	c	e	f	g	j	k	l	a	c	e	f	g	j	k	l
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	2	2	2	0	0	0	0	0	38	38	38
20	4	3	6	0	2	1	0	1	80	60	120	0	40	20	0	20
21	2	2	2	6	3	0	1	0	42	42	42	126	63	0	21	0
22	0	1	0	0	0	1	1	3	0	22	0	0	0	22	22	66
23	0	0	0	0	0	1	0	1	0	0	0	0	0	23	0	23
24	0	0	0	1	0	0	0	0	0	0	0	24	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	1	1	0	1	0	0	0	0	26	26	0	26
27	0	0	0	0	0	0	1	0	0	0	0	0	0	0	27	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	1	1	0	0	0	0	0	0	29	29	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	31
32	0	0	0	0	0	0	1	0	0	0	0	0	0	0	32	0
33	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	33
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total emerged:	6	6	9	8	6	6	6	10	Weighted Mean Time							
% emergence:	50	50	75	67	50	50	50	83	to Emergence:	20.3	20.7	21.2	22.4	21.5	21.5	23.3	23.7

Mean % Emergence: 59

Mean time to Emergence: 22

Station: S354
Sample ID: TX0005

Test Day	Number of Chironomid Emerged per Vessel								Time to Emergence per Vessel							
	a	c	e	f	g	j	k	l	a	c	e	f	g	j	k	l
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	1	1	1	1	1	2	0	2	19	19	19	19	19	38	0	38
20	1	2	1	1	1	2	0	0	20	40	20	20	20	40	0	0
21	0	0	0	1	0	1	2	1	0	0	0	21	0	21	42	21
22	1	0	3	0	1	2	0	1	22	0	66	0	22	44	0	22
23	1	2	0	0	0	2	0	1	23	46	0	0	0	46	0	23
24	1	1	1	1	0	0	1	1	24	24	24	24	0	0	24	24
25	0	0	0	0	1	1	1	0	0	0	0	0	25	25	25	0
26	0	3	1	0	1	1	0	2	0	78	26	0	26	26	0	52
27	0	0	1	0	1	1	0	0	0	0	27	0	27	27	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	1	1	1	0	0	0	0	0	29	29	29	0	0	0
30	3	0	0	3	0	0	0	0	90	0	0	90	0	0	0	0
31	0	0	0	0	1	1	0	0	0	0	0	0	31	31	0	0
32	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	32
33	0	0	0	0	0	1	0	0	0	0	0	0	0	33	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total emerged:	8	9	9	8	8	14	4	9	Weighted Mean Time							
% emergence:	67	75	75	67	67	100	33	75	to Emergence:	24.8	23	23.4	25.4	24.9	23.6	22.8	23.6

Mean % Emergence: 70

Mean time to Emergence: 24

Station: S315
Sample ID: TX0008

Test	Number of Chironomid Emerged per Vessel								Time to Emergence per Vessel							
Day	a	c	e	f	g	j	k	l	a	c	e	f	g	j	k	l
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	2	1	0	0	0	0	1	1	40	20	0	0	0	0	20	20
21	1	1	0	1	0	2	1	1	21	21	0	21	0	42	21	21
22	1	0	0	2	2	3	2	1	22	0	0	44	44	66	44	22
23	0	1	1	0	0	1	0	0	0	23	23	0	0	23	0	0
24	0	0	1	0	1	1	0	1	0	0	24	0	24	24	0	24
25	0	0	0	0	1	0	0	0	0	0	0	0	25	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	2	1	0	0	0	0	0	0	54	27
28	0	0	1	0	0	0	0	1	0	0	28	0	0	0	0	28
29	0	0	0	0	0	0	2	2	0	0	0	0	0	0	58	58
30	0	0	0	0	0	1	2	0	0	0	0	0	0	30	60	0
31	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	31
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	1	0	0	0	0	0	0	0	34	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	1	0	0	0	0	0	0	0	39	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total emerged:	4	3	3	3	6	8	10	9	Weighted Mean Time							
% emergence:	33	25	25	25	50	67	83	75	to Emergence:	20.8	21.3	25	21.7	27.7	23.1	25.7	25.7
Mean % Emergence:	48								Mean time to Emergence:	24						

Station: S317
Sample ID: TX0009

Test	Number of Chironomid Emerged per Vessel								Time to Emergence per Vessel							
Day	a	c	e	f	g	j	k	l	a	c	e	f	g	j	k	l
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	1	0	0	0	0	0	0	0	20	0	0	0	0
21	1	0	0	0	0	0	0	0	21	0	0	0	0	0	0	0
22	1	0	0	0	0	0	0	1	22	0	0	0	0	0	0	22
23	0	0	1	0	0	0	0	1	0	0	23	0	0	0	0	23
24	1	0	0	0	0	0	0	0	24	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	1	0	0	2	0	0	0	0	26	0	0	52	0	0	0	0
27	0	1	0	0	0	0	0	0	0	27	0	0	0	0	0	0
28	0	0	1	1	1	2	0	0	0	0	28	28	28	56	0	0
29	0	0	1	0	1	1	0	0	0	0	29	0	29	29	0	0
30	0	0	1	0	0	0	0	0	0	0	30	0	0	0	0	0
31	1	1	0	0	0	0	0	0	31	31	0	0	0	0	0	0
32	0	0	1	0	0	0	0	0	0	0	32	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	1	0	0	0	0	0	0	0	34	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	1	0	0	0	0	0	0	0	36	0
37	0	1	0	0	0	0	0	0	0	37	0	0	0	0	0	0
38	0	0	1	1	0	0	0	0	0	0	38	38	0	0	0	0
39	0	0	0	1	0	0	0	1	0	0	0	39	0	0	0	39
40	0	2	0	1	0	0	0	0	0	80	0	40	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total emerged:	5	5	6	7	3	3	1	3	Weighted Mean Time							
% emergence:	42	42	50	58	25	25	8	25	to Emergence:	24.8	35	30	31	30.3	28.3	36	28
Mean % Emergence:	34								Mean time to Emergence:	30						

Station: S372
Sample ID: TX0010

Test	Number of Chironomid Emerged per Vessel								Time to Emergence per Vessel							
Day	a	c	e	f	g	j	k	l	a	c	e	f	g	j	k	l
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	1	0	1	2	1	0	0	0	19	0	19	38	19	0
20	0	0	0	0	2	1	0	0	0	0	0	0	40	20	0	0
21	3	1	1	1	0	0	0	0	63	21	21	21	0	0	0	0
22	1	1	1	0	2	0	0	1	22	22	22	0	44	0	0	22
23	1	1	1	0	0	0	1	1	23	23	23	0	0	0	23	23
24	2	0	1	1	0	1	0	1	48	0	24	24	0	24	0	24
25	0	0	1	0	0	0	0	0	0	0	25	0	0	0	0	0
26	0	0	1	0	2	0	0	0	0	0	26	0	52	0	0	0
27	1	0	1	0	0	0	0	0	27	0	27	0	0	0	0	0
28	0	0	1	0	0	0	0	0	0	0	28	0	0	0	0	0
29	0	1	2	0	3	2	0	1	0	29	58	0	87	58	0	29
30	0	1	0	0	0	1	0	1	0	30	0	0	0	30	0	30
31	0	0	0	0	0	0	1	0	0	0	0	0	0	0	31	0
32	1	0	0	0	1	0	0	0	32	0	0	0	32	0	0	0
33	0	1	0	0	0	0	1	0	0	33	0	0	0	0	33	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	1	0	0	0	0	0	0	0	35	0	0	0
36	0	0	0	1	0	1	2	0	0	0	0	36	0	36	72	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	1	0	0	0	0	0	0	0	39	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total emerged:	9	6	11	4	12	8	6	5	Weighted Mean Time							
% emergence:	75	50	92	33	100	67	50	42	to Emergence:	23.9	26.3	24.8	30	25.8	25.8	29.7	25.6
Mean % Emergence:	64								Mean time to Emergence:	26						

Station: S305
Sample ID: TX0011

Test	Number of Chironomid Emerged per Vessel								Time to Emergence per Vessel							
Day	a	c	e	f	g	j	k	l	a	c	e	f	g	j	k	l
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	1	0	0	0	0	0	0	0	21	0	0	0	0	0	0	0
22	0	0	1	0	0	0	1	0	0	0	22	0	0	0	22	0
23	0	0	0	0	1	1	1	0	0	0	0	0	23	23	23	0
24	3	2	0	0	1	0	0	0	72	48	0	0	24	0	0	0
25	1	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0
26	0	0	0	0	1	0	1	0	0	0	0	0	26	0	26	0
27	1	0	0	0	0	0	1	1	27	0	0	0	0	0	27	27
28	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	56
29	0	1	1	0	0	1	1	2	0	29	29	0	0	29	29	58
30	0	2	0	2	0	1	0	0	0	60	0	60	0	30	0	0
31	0	0	1	1	0	1	0	0	0	0	31	31	0	31	0	0
32	1	0	0	0	1	2	0	0	32	0	0	0	32	64	0	0
33	0	2	0	1	0	1	0	0	0	66	0	33	0	33	0	0
34	0	0	2	2	0	1	0	0	0	0	68	68	0	34	0	0
35	0	0	0	1	0	0	0	0	0	0	0	35	0	0	0	0
36	0	0	1	0	0	0	0	0	0	0	36	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	1	1	0	0	0	0	0	0	39	39	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total emerged:	7	8	7	7	4	8	5	5	Weighted Mean Time							
% emergence:	58	67	58	58	33	67	42	42	to Emergence:	25.3	30.3	32.1	32.4	26.3	30.5	25.4	28.2
Mean % Emergence:	53								Mean time to Emergence:	29						

Station: S302
Sample ID: TX0012

Test	Number of Chironomid Emerged per Vessel								Time to Emergence per Vessel							
Day	a	c	e	f	g	j	k	l	a	c	e	f	g	j	k	l
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	4	0	0	0	0	0	0	0	80	0	0	0	0
21	3	0	2	0	0	1	1	0	63	0	42	0	0	21	21	0
22	0	0	2	2	0	0	1	0	0	0	44	44	0	0	22	0
23	0	1	0	2	1	0	0	1	0	23	0	46	23	0	0	23
24	0	0	0	0	1	2	1	1	0	0	0	0	24	48	24	24
25	0	0	1	1	0	2	0	0	0	0	25	25	0	50	0	0
26	0	0	0	0	0	1	0	0	0	0	0	0	0	26	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	1	0	2	0	0	0	0	0	28	0	56
29	0	0	0	0	2	0	2	0	0	0	0	0	58	0	58	0
30	0	0	0	0	0	1	0	1	0	0	0	0	0	30	0	30
31	1	0	0	0	0	0	0	1	31	0	0	0	0	0	0	31
32	0	0	0	0	0	0	1	0	0	0	0	0	0	0	32	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	1	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0
35	1	0	0	0	0	0	0	0	35	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	36
37	0	0	0	0	0	0	1	0	0	0	0	0	0	0	37	0
38	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	38
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	1	0	0	0	0	0	0	0	42	0	0	0	0	0	0
Total emerged:	6	2	5	9	4	8	7	8	Weighted Mean Time							
% emergence:	50	17	42	75	33	67	58	67	to Emergence:	27.2	32.5	22.2	21.7	26.3	25.4	27.7	29.8
Mean % Emergence:	51								Mean time to Emergence:	27						

Station: S303
Sample ID: TX0013

Test	Number of Chironomid Emerged per Vessel								Time to Emergence per Vessel							
Day	a	c	e	f	g	j	k	l	a	c	e	f	g	j	k	l
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	2	0	2	2	2	1	5	0	38	0	38	38	38	19	95	0
20	2	0	1	2	1	2	1	2	40	0	20	40	20	40	20	40
21	2	1	1	1	0	0	0	0	42	21	21	21	0	0	0	0
22	1	1	0	0	0	0	0	0	22	22	0	0	0	0	0	0
23	0	1	0	0	1	0	0	0	0	23	0	0	23	0	0	0
24	0	3	1	0	0	0	0	0	0	72	24	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	1	1	0	0	0	0	0	0	26	26	0	0
27	1	0	0	0	0	0	0	0	27	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	3	0	0	0	0	0	0	0	87	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	1	0	0	0	0	0	0	0	42	0	0	0
Total emerged:	8	6	5	5	6	7	6	2	Weighted Mean Time							
% emergence:	67	50	42	42	50	58	50	17	to Emergence:	21.1	23	20.6	19.8	24.8	24.6	19.2	20
Mean % Emergence:	47								Mean time to Emergence:	22						

Station: S323
Sample ID: TX0014

Test	Number of Chironomid Emerged per Vessel								Time to Emergence per Vessel							
Day	a	c	e	f	g	j	k	l	a	c	e	f	g	j	k	l
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	1	0	0	0	0	0	0	0	23	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	1	0	0	0	0	0	0	0	31	0	0	0	0	0
32	0	0	0	1	1	0	0	0	0	0	0	32	32	0	0	0
33	0	0	1	0	0	0	0	0	0	0	33	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	1	0	0	0	0	0	0	0	38	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total emerged:	0	0	3	2	1	0	0	0	Weighted Mean Time							
% emergence:	0	0	25	17	8	0	0	0	to Emergence:	0	0	29	35	32	0	0	0
Mean % Emergence:	6								Mean time to Emergence:	32						

Station: S320
Sample ID: TX0015

Test	Number of Chironomid Emerged per Vessel								Time to Emergence per Vessel							
Day	a	c	e	f	g	j	k	l	a	c	e	f	g	j	k	l
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	1	0	0	0	1	0	0	0	22	0	0	0	22	0	0
23	0	0	0	1	0	0	0	1	0	0	0	23	0	0	0	23
24	0	0	0	1	0	1	0	0	0	0	0	24	0	24	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	1	0	1	0	0	1	0	0	26	0	26	0	0	26	0
27	0	0	0	1	1	0	0	0	0	0	0	27	27	0	0	0
28	0	0	0	0	0	1	0	0	0	0	0	0	0	28	0	0
29	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	58
30	0	0	0	0	1	0	0	0	0	0	0	0	30	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	32
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	1	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	1	0	0	0	0	0	0	0	38	0	0
39	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	39
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total emerged:	1	2	0	4	2	4	1	5	Weighted Mean Time							
% emergence:	8	17	0	33	17	33	8	42	to Emergence:	34	24	0	25	28.5	28	26	30.4
Mean % Emergence:	20								Mean time to Emergence:	28						

Station: S365
Sample ID: TX0016

Test	Number of Chironomid Emerged per Vessel								Time to Emergence per Vessel							
Day	a	c	e	f	g	j	k	l	a	c	e	f	g	j	k	l
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	1	0	0	0	0	0	0	0	22	0	0	0
23	0	0	0	0	1	0	0	0	0	0	0	0	23	0	0	0
24	0	0	1	0	0	0	0	0	0	0	24	0	0	0	0	0
25	0	0	0	0	1	0	0	0	0	0	0	0	25	0	0	0
26	0	0	0	1	0	0	0	0	0	0	0	26	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	2	2	1	0	0	0	1	0	56	56	28	0	0	0	28	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	1	0	0	0	0	0	0	0	30	0	0	0	0	0
31	0	0	1	0	0	0	0	0	0	0	31	0	0	0	0	0
32	0	0	0	0	0	0	1	0	0	0	0	0	0	0	32	0
33	0	1	0	0	0	0	0	1	0	33	0	0	0	0	0	33
34	0	0	0	0	0	2	0	0	0	0	0	0	0	68	0	0
35	0	0	0	1	0	0	0	0	0	0	0	35	0	0	0	0
36	1	0	0	0	0	1	0	0	36	0	0	0	0	36	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	1	1	0	0	0	0	0	0	39	39	0	0	0
40	0	1	0	0	0	0	0	0	0	40	0	0	0	0	0	0
41	0	0	1	0	0	0	0	0	0	0	41	0	0	0	0	0
42	0	1	1	0	0	0	0	0	0	42	42	0	0	0	0	0
Total emerged:	3	5	6	3	4	3	2	1	Weighted Mean Time							
% emergence:	25	42	50	25	33	25	17	8	to Emergence:	30.7	34.2	32.7	33.3	27.3	34.7	30	33
Mean % Emergence:	28								Mean time to Emergence:	32							

Station: OT-7 (Reference area)
Sample ID: TX0017

Test	Number of Chironomid Emerged per Vessel								Time to Emergence per Vessel							
Day	a	c	e	f	g	j	k	l	a	c	e	f	g	j	k	l
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	3	0	1	0	0	0	0	0	69	0	23	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	1	0	0	0	0	0	0	0	25	0
26	1	2	0	0	0	1	1	1	26	52	0	0	0	26	26	26
27	1	2	1	1	0	1	0	0	27	54	27	27	0	27	0	0
28	1	2	0	0	0	2	1	0	28	56	0	0	0	56	28	0
29	1	0	3	0	0	0	1	1	29	0	87	0	0	0	29	29
30	0	0	0	0	0	0	1	2	0	0	0	0	0	0	30	60
31	1	0	0	0	0	0	1	0	31	0	0	0	0	0	31	0
32	0	2	0	1	0	0	0	1	0	64	0	32	0	0	0	32
33	0	0	0	1	1	0	0	0	0	0	0	33	33	0	0	0
34	1	2	0	0	0	0	0	0	34	68	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	36
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	2	0	0	0	0	0	0	0	80	0	0	0
41	0	0	0	0	2	0	0	1	0	0	0	0	82	0	0	41
42	0	0	0	0	1	0	0	0	0	0	0	0	42	0	0	0
Total emerged:	6	10	4	6	6	5	6	7	Weighted Mean Time							
% emergence:	50	83	33	50	50	42	50	58	to Emergence:	29.2	29.4	28.5	26.8	39.5	26.4	28.2	32
Mean % Emergence:	52								Mean time to Emergence:	30							

Appendix C2

QA/QC Evaluation of Onondaga Lake 2000 Toxicity Test Data

APPENDIX C2. QA/QC EVALUATION OF ONONDAGA LAKE 2000 TOXICITY TEST DATA

(Modified from Exponent, 2001c)

Introduction

This report documents the results of the quality assurance and quality control (QA/QC) review of the data generated for the 42-day amphipod and 42-day chironomid toxicity tests that were performed in 2000 on sediment from 15 stations at Onondaga Lake and from two stations at Otisco Lake (reference area). These tests were conducted by Springborn Laboratories in Wareham, Massachusetts. The quality assurance review was conducted by Exponent to ensure that the toxicity testing was consistent with the specifications of the statement of work and that the data are acceptable for use in future stages of the study.

The quality assurance review consisted of an evaluation of the following major elements for each of the two toxicity tests:

- **Field Methods** – Were the major specifications of the field sampling procedures followed, as described in the work plan (Exponent, 2000)?
- **Laboratory System and Testing Methods** – Were the major specifications of the laboratory testing procedures followed, as described in the statement of work? Were the specified methods (i.e., USEPA, 2000) followed, and were any modifications adequately justified and documented?
- **Sediment Holding Time** – Was each sediment sample analyzed within the specified holding time after collection?
- **Water Quality Conditions** – Were water quality conditions monitored adequately during testing, and were the measured conditions within the specified ranges for each test chamber?
- **Negative Control Responses** – Were the responses in the negative controls (i.e., clean seawater) within specified limits?
- **Positive Control Responses** – Did the positive controls (i.e., reference toxicant) indicate that the test organisms were suitably responsive for testing?

Throughout this report, the term "sample" refers to the whole sediment sample collected from each station in the field for each kind of toxicity test. The term "replicate" refers to one of the eight subsamples of each sediment sample collected in the field that was subjected to toxicity testing in the laboratory. In the data tables in this appendix, the eight replicates for each sample are distinguished by the letters A–L.

The following section of this report presents the results of the QA/QC evaluation for the toxicity tests. QA/QC considerations are then summarized, and conclusions are presented in the final section.

Quality Assurance and Quality Control Evaluation

Field Methods

From August 9 to 14, 2000, 15 composite sediment samples were collected from Onondaga Lake and two composite sediment samples were collected at Otisco Lake (reference area). Sediment sampling was conducted according to the procedures and plans described in the work plan (Exponent, 2000), with one exception. After repeated attempts, due to a hard layer of sand encountered at approximately 13 cm, the full penetration of 0–15 cm could not be attained at Station S372, so the 0–13 cm interval was collected.

Laboratory System

Water from a 100-m bedrock well was pumped to a concrete reservoir, where it was supplemented on demand with untreated, unchlorinated city well-water. The water was characterized with a normal pH range of 6.9–7.7, a total hardness of 40–60 mg/L, and a specific conductance of 110–160 μmhos/cm. The pH, total hardness, alkalinity, and specific conductance of this water was monitored weekly at a central location in the laboratory. The quality of the water was judged by periodic analyses of representative samples conducted to ensure the absence of potential toxicants, including pesticides, polychlorinated biphenyls, and selected metals.

All testing was conducted according to the good laboratory practices described in ASTM (1995).

42-Day Amphipod Toxicity Test Using *Hyalella azteca*

The amphipod toxicity test using *Hyalella azteca* determines percent survival, growth, and reproduction in adult amphipods exposed for 42 days to test sediment. Amphipods are exposed to the sediment sample to assess survival and growth on test day 28 and reproduction on test day 42 (i.e., test termination).

Test Organism Culturing, Holding, and Acclimation

H. azteca were cultured at Springborn Laboratories. Culture conditions were maintained according to suggested USEPA methods (USEPA, 2000). Amphipods were cultured in 20-L glass aquaria (containing approximately 10-L of culture water) under flow-through conditions. Water used to culture the amphipods was similar to the overlying water used during the 42-day test. The culture-water temperature was maintained at 23 ± 1°C. While being maintained in the culture, prior to test initiation, the amphipods were fed once a day. The amphipods were fed a mixture of yeast, Cerophyl®, flaked fish-food suspension (YCT), and a unicellular green algae (*Ankistrodesmus falcatus*).

To obtain amphipods of a suitable age for testing, approximately seven to eight days prior to test initiation, adult amphipods were removed from the culture tanks and placed into 9.5-L aquaria with approximately 8-L of water. Young produced by these isolated adults were then removed and pipetted into a holding container until test initiation. Amphipods were not used if greater than 5 percent mortality was observed

in the holding containers during the 48 hours prior to test initiation. Test organisms were seven to eight days old at test initiation.

Test Methods

Overall, the recommended protocols were followed closely during testing. All biological testing was in compliance with USEPA (2000). Samples were collected and stored properly. The 42-day amphipod toxicity test was initiated on August 22, 2000, which was within the specified 14-day holding time.

Juvenile organisms seven days old were used for the test. All organisms used in the test were from the same source (see above discussion). The day before test initiation, thoroughly homogenized test sediment, reference sediment, and laboratory control sediment (i.e., negative control) were added to the replicate test vessels and the overlying water was added.

For each toxicity test replicate, 10 amphipods were exposed to 100 mL of bedded test sediment in a 300-mL chamber filled with 175 mL of acceptable overlying water from Day 0 to Day 28 (175 to 275 mL in the water-only exposure from Day 28 to Day 42). Twelve replicate analyses were conducted for each sediment sample. Four replicates were for the 28-day survival and growth endpoint and eight replicates were for the 35- and 42-day survival, growth, and reproduction endpoint. Overlying water was renewed at a rate of two volume additions per day (continuous or intermittent) throughout the exposure period. The amphipods were fed daily.

On Day 28, the surviving amphipods in four of the test chambers were sieved from the sediment and counted and weighed. Percent survival was determined relative to the total of 10 individuals added to each chamber at the beginning of the test. On Day 28, the remaining eight beakers/sediment were also sieved, and the surviving amphipods in each sediment beaker were placed in 300-mL water-only beakers containing 275 mL of overlying water and a 3-cm × 3-cm piece of Nitex screen used in culturing amphipods. Reproduction of amphipods was measured on Day 35 and Day 42 in the water-only beakers by removing and counting the adults and young in each beaker. On Day 35, the adults were then retuned to the same water-only beakers. Adult amphipods surviving on Day 42 were preserved in sugar formalin. The number of adult females was determined by counting the adult males (mature male amphipods have an enlarged second gnathopod) and assuming all other adults were females. The number of females was used to determine number of young/female/beaker from Day 28 to Day 42.

Endpoints measured in the 42-day *H. azteca* test were survival (Days 28, 35, and 42), growth (as dry weight on Days 28 and 42), and reproduction (number of young/female produced from Day 28 to 42).

Water Quality Measurements

Water-quality monitoring was conducted during the amphipod toxicity test. Using a pipette, measurements of the overlying water were taken just prior to the introduction of the test organisms to the test chambers, then at the same time each day (just prior to water renewal), until the conclusion of the test. The pipette was checked to make sure no organisms were removed during sampling of overlying water. Water quality was

measured for each batch of water prepared for the test. This monitoring consisted of the following measurements:

- Temperature was measured daily in at least one test chamber from each treatment. The temperature of the water bath or the exposure chamber was continuously monitored. The daily mean test temperature must be 23 ± 1°C. The instantaneous temperature must always be 23 ± 3°C. Temperatures measured during the testing period ranged from 22°C to 24°C.

- Dissolved oxygen was measured in all treatments at the beginning and at the end of the sediment-exposure portion of the test, and three times per week during the test. In addition, dissolved oxygen was measured at the beginning and end of the reproductive phase (Day 29 to Day 42). Concentrations of dissolved oxygen were measured more often if dissolved oxygen had declined by more than 1 mg/L since the previous measurement. Dissolved oxygen was measured directly in the overlying water with a probe. The probe for dissolved oxygen measurements was equilibrated in the overlying water. The probe was inspected between samples to make sure that organisms were not attached, and was rinsed between samples to minimize cross-contamination. As recommended, dissolved oxygen was maintained above 2.5 mg/L in the overlying water. Dissolved oxygen concentrations were greater than or equal to 4.0 mg/L throughout the study in all control and test sediment replicates. The lowest dissolved oxygen concentration was 4.0 mg/L. The dissolved oxygen levels ranged from 4.0 to 9.8 mg/L.

- The pH of all treatments was measured at the beginning and at the end of the sediment-exposure portion of the test, and was also measured three times per week during the test. In addition, pH was measured at the beginning and end of the reproductive phase (Day 29 to Day 42). The pH was measured directly in the overlying water with a probe. The probe was inspected between samples to make sure that organisms were not attached, and was rinsed between samples to minimize cross-contamination. Values for pH ranged from 6.5 to 8.5, which is slightly outside the recommended range of 7.0 to 9.0.

- Ammonia was measured in all treatments at the beginning and at the end of the sediment-exposure portion of the test. Ammonia was also measured at the beginning and end of the reproductive phase (Day 29 to Day 42). Ammonia and sulfide were measured in the overlying water, and in the porewater (collected by centrifugation) of one replicate of each sediment sample on Days 0, 20, and 42 (i.e., at test termination). Three additional replicate vessels were established during the amphipod test to monitor ammonia and sulfide in the overlying water and ammonia in porewater. The concentration of ammonia nitrogen (ammonia-N) in the overlying water during the testing period ranged from less than 0.1 mg/L (detection limit) to 2.16 mg/L. The concentration of ammonia-N in the porewater ranged from less than 0.42 to 18.93 mg/L in the laboratory control on Day 28.

The average concentration of ammonia-N in the porewater was 4.72 mg/L. The concentration of total sulfide in the overlying water and in the porewater was less than 0.02 mg/L (detection limit).

- Conductivity, hardness, and alkalinity were measured in all treatments at the beginning and at the end of the sediment-exposure portion of the test. Conductivity, hardness, and alkalinity were also measured at the beginning and end of the reproductive phase (Day 29 to Day 42). In addition, conductivity was measured weekly during the test. Conductivity values ranged from 160 to 280 μmhos/cm. Hardness values ranged from 48 to 100 mg/L as $CaCO_3$. Alkalinity values ranged from 30 to 60 mg/L as $CaCO_3$. As recommended, conductivity, hardness, and alkalinity in the overlying water did not vary by more than 50 percent during the sediment-exposure portion of the test.

Controls

A reference sediment test (i.e., sediment from Otisco Lake, New York), conducted with 12 replicates, was used to evaluate the survival, growth, and reproduction potential of the test organisms in a non-contaminated sediment. In addition, a laboratory control sediment (i.e., negative control), prepared by the testing laboratory, was used to evaluate the survival, growth, and reproduction potential of the test organisms. The laboratory control sediment was prepared by mixing together 10 percent sphagnum peat, 20 percent kaolin clay, and 70 percent industrial sand (with greater than 50 percent of the particles between 50 and 200 microns). The negative control test was also conducted with 12 replicates. All reference sediment and negative control testing was in compliance with USEPA methods (USEPA, 2000). Performance standards developed for this test are provided in Table C2-1 and in USEPA (2000).

Table C2-1. Performance Standards for Control and Reference Sediments Used in Amphipod Toxicity Test

Toxicity Test	Laboratory Control Sediment Performance Standard	Reference Sediment Performance Standard[a]
Hyalella azteca (42-day)		
Survival endpoint	≤20 percent absolute mean mortality (on Day 28)	≤30 percent absolute mean mortality
Growth endpoint	≥0.15 mg per individual (dry weight)	
Reproduction endpoint	≥2 young/female	

[a] Reference sediment performance standards are intended to be a measure of reference sediment acceptability for regulatory decision-making (i.e., was the reference sediment toxicity sufficiently low for valid comparisons with the test sediments to support decisions regarding the possible need for remediation?). Laboratory performance and test acceptability were evaluated solely on the results of the toxicity tests using the control sediment.

Mean survival in the amphipod survival and growth test for the laboratory control sediment (i.e., negative control) was 94 percent and the mean dry weight of amphipods was 0.516 mg per amphipod. Mean survival in the amphipod survival and reproduction (number of offspring per female) test for the laboratory control sediment (i.e., negative control) was 93 percent and the mean number of offspring per female was 9.1. Mean survival for sediment from the two reference area samples was 94 and 98 percent, respectively. These results are above the performance standards set for the test and suggest that the test organisms were sufficiently healthy for testing.

A positive control was tested using potassium chloride as the reference toxicant. The positive control exhibited a 96-hour LC50 value of 370 mg KCl/L, which is within the testing laboratory's control chart warning limits (175 to 430 mg KCl/L) for this test. The observed LC50 value suggests that the test organisms were suitably sensitive for testing.

Chironomid Toxicity Test Using *Chironomus tentans*

The chironomid toxicity test using *Chironomus tentans* measures percent survival, growth, and emergence of larval chironomids exposed to test sediment during a 42-day exposure period.

Test Organism Culturing, Holding, and Acclimation

C. tentans were cultured at Springborn Laboratories. Culture conditions were maintained according to suggested USEPA methods (USEPA, 2000). The culture temperature was maintained at 23 ± 1°C. Water used to culture the chironomids was similar to the overlying water used during the 42-day test. While being maintained in the culture, prior to test initiation, the chironomids were fed once a day. The chironomids were fed a 1.5-mL suspension of finely ground, flaked fish food (4.0 mg/mL). The newly hatched larvae were collected for the toxicity test from egg masses less than 24 hours after hatching.

Test Methods

Overall, the recommended protocols were followed closely during testing. All biological testing was in compliance with USEPA (2000). Samples were collected and stored properly. The 42-day chironomid toxicity test was initiated on August 18, 2000, which was within the specified 14-day holding time.

Less than 24-hour-old larvae were used for the test. All organisms in a test were from the same source. For each toxicity-test replicate, 12 chironomids were exposed to 100 mL of bedded test sediment in a 300-mL chamber filled with 175 mL of acceptable overlying water. Twelve replicate analyses were conducted for each sediment sample (12 replicates at Day 1, and 4 replicates for auxiliary males on Day 10). Overlying water was renewed at a rate of two volume additions per day (continuous or intermittent) throughout the 42-day exposure period. The chironomids were fed daily.

On Day 20, percent survival was determined relative to the total of 12 individuals added to each chamber at the beginning of the test for four replicates. For each of the four replicates, the biomass (i.e., ash-free dry weight) of the pooled survivors was determined to the nearest 0.01 mg, after drying to constant weight

at 60 to 90°C for 24 to 48 hours and ashing at 550°C for two hours. Pupae or adult organisms were not included in the sample to estimate dry weight. All emerged test organisms were counted at test termination.

Water Quality

Water-quality monitoring was conducted during the chironomid toxicity test. Using a pipette, measurements of the overlying water were taken just prior to the introduction of the test organisms to the test chambers, then at the same time each day (just prior to water renewal), until the conclusion of the test. The pipette was checked to make sure no organisms were removed during sampling of overlying water. Water quality was measured on each batch of water prepared for the test. This monitoring consisted of the following measurements:

- Temperature was measured daily in at least one test chamber from each treatment. The temperature of the water bath or the exposure chamber was continuously monitored. The daily mean test temperature must be 23 ± 1°C. The instantaneous temperature must always be 23 ± 3°C. Temperatures measured during the testing period ranged from 22°C to 24°C, except in samples TX009 and TX0010 on Day 39. Temperature in these two samples was measured at 21°C on a single occasion.

- Dissolved oxygen was measured in all treatments at the beginning and at the end of the test and three times per week during the test. Concentrations of dissolved oxygen were measured more often if dissolved oxygen had declined by more than 1 mg/L since the previous measurement. Dissolved oxygen was measured directly in the overlying water with a probe. The probe for dissolved oxygen measurements was equilibrated in the overlying water. The probe was inspected between samples to make sure that organisms were not attached, and was rinsed between samples to minimize cross-contamination. It is recommended that dissolved oxygen be maintained above 2.5 mg/L in the overlying water in each replicate during testing. Dissolved oxygen levels declined during the first seven days of testing. Water renewal rates were increased from two to four turnovers per day. On Day 20, the dissolved oxygen concentration in one replicate (replicate D, sample TX0002) was 1.8 mg/L. The dissolved oxygen levels (not including replicate D, sample TX0002) ranged from 3.6 to 9.5 mg/L. With this one exception, dissolved oxygen concentrations in all control and test replicates were above the minimum 2.5 mg/L throughout the study.

- The pH of all treatments was measured at the beginning and at the end of the test, and was also measured three times per week during the test. The pH was measured directly in the overlying water with a probe. The probe was inspected between samples to make sure that organisms were not attached, and was rinsed between samples to minimize cross-contamination. Values for pH ranged from 6.5 to 8.4, which is slightly outside the recommended range of 7.0 to 9.0.

- Ammonia and sulfide were measured in the overlying water of one replicate of each sediment sample on Days 0, 20, and 42 (i.e., at test termination). Three additional replicate vessels were established during the amphipod test to monitor ammonia and sulfide in the overlying water. The concentration of ammonia nitrogen (ammonia-N) in the overlying water during the testing period ranged from less than 0.1 mg/L (detection limit) to 1.91 mg/L. The concentration of total sulfide was less than 0.02 mg/L (detection limit).

- Conductivity, hardness, and alkalinity were measured in all treatments at the beginning and at the end of the test. Conductivity, hardness, and alkalinity were also measured on Day 20. In addition, conductivity was measured weekly during the test. Conductivity values ranged from 150 to 330 μmhos/cm. Hardness values ranged from 36 to 88 mg/L as $CaCO_3$. Alkalinity values ranged from 30 to 70 mg/L as $CaCO_3$. As recommended, conductivity, hardness, and alkalinity in the overlying water did not vary by more than 50 percent during the test.

Controls

A reference sediment test (i.e., sediment from Otisco Lake, New York), conducted with 12 replicates, was used to evaluate the survival, growth, and emergence potential of the test organisms in a non-contaminated sediment. In addition, a laboratory control sediment (i.e., negative control), prepared by the testing laboratory, was used to evaluate the survival, growth, and reproduction potential of the test organisms. The negative control test was also conducted with 12 replicates. All reference sediment and negative control testing was in compliance with USEPA methods (USEPA, 2000). Site-specific performance standards developed for this test are provided in Table C2-2 and in USEPA (2000).

Table C2-2. Performance Standards for Control and Reference Sediments Used in Chironomid Toxicity Test

Toxicity Test	Laboratory Control Sediment Performance Standard	Reference Sediment Performance Standard[a]
***Chironomus tentans* (42-day)**		
Survival endpoint	≤30 percent absolute mean mortality on Day 20 and ≤35 percent absolute mean mortality at test end	≤35 percent absolute mean mortality
Growth endpoint	0.48 mg mean weight per surviving organism (ash-free dry weight)	
Emergence endpoint	≥50 percent emergence	

[a] Reference sediment performance standards are intended to be a measure of reference sediment acceptability for regulatory decision-making (i.e., was the reference sediment toxicity sufficiently low for valid comparisons with the test sediments to support decisions regarding the possible need for remediation?). Laboratory performance and test acceptability were evaluated solely on the results of the toxicity tests using the control sediment.

Mean survival for the laboratory control sediment (i.e., negative control) was 96 percent, and the mean ash-free dry weight of chironomids was 0.51 mg per midge larvae. The mean emergence in the laboratory control sediment (i.e., negative control) was 74 percent, and the mean time to emergence was 26.7 days. None of the test organisms exhibited partial emergence from the control or test sediment. Mean survival for sediment from the reference area samples was 77 and 90 percent, respectively. These results are above the performance standards set for the test and suggest that the test organisms were sufficiently healthy for testing.

A positive control was tested using potassium chloride as the reference toxicant. The positive control exhibited a 96-hour LC50 value of 6,700 mg KCl/L, which is within the database range for this test (4,750 to 8,600 mg KCl/L). The observed LC50 value suggests that the test organisms were suitably sensitive for testing.

Summary of Quality Assurance and Quality Control Considerations

42-Day Amphipod Test

Mean survival in the amphipod survival and growth test for the laboratory control sediment (i.e., negative control) was 94 percent and the mean dry weight of amphipods in the negative control was 0.516 mg per amphipod. Mean survival in the amphipod survival and reproduction (number of offspring per female) test for the negative control was 93 percent and the mean number of offspring per female was 9.1. These results are above the performance standards set for the 42-day amphipod test. The reference toxicant test (i.e., positive control) results were within the laboratory's control chart limits for the test.

During the amphipod test, concentrations of dissolved oxygen were slightly less than the recommended level of 5.0 mg/L. However, dissolved oxygen concentrations were greater than or equal to 4.0 mg/L throughout the study in all control and test sediment replicates, and safely above the minimum 2.5 mg/L that is required for this type of test. The measured levels of ammonia in porewater in the amphipod test approached the reported 4-day LC50 value for *H. azteca* and ammonia (i.e., 20 mg/L) in soft water. However, no correlation was observed between amphipod mortality and porewater ammonia concentration. Values for pH ranged from 6.5 to 8.5 during the amphipod test, which is slightly outside the recommended range of 7.0 to 9.0. However, there was no correlation between amphipod mortality and this slight pH deviation (i.e., 0.5).

The data are determined to be acceptable for use in the remedial investigation and feasibility study.

42-Day Chironomid Test

Mean survival for the laboratory control sediment (i.e., negative control) was 96 percent and the mean ash-free dry weight of chironomids was 0.51 mg per midge larvae. The mean emergence in the laboratory control sediment was 74 percent, and the mean time to emergence was 26.7 days. These results are above the performance standards set for the 42-day chironomid test. The reference toxicant test (i.e., positive control) results were within the laboratory's control chart limits for the test.

There was a decline in the dissolved oxygen concentration during the first seven days of the test. To prevent the dissolved oxygen from dropping to unacceptable levels (i.e., less than 2.5 mg/L), the water renewal rate was increased from two to four turnovers per day. This increase in the water renewal rate allowed the dissolved oxygen to remain stable and above acceptable levels. Dissolved oxygen concentrations were greater than or equal to 3.6 mg/L throughout the study, with one exception. The dissolved oxygen concentration in sample TX0002, replicate D, on Day 20 was 1.8 mg/L. All other dissolved oxygen measurements in other replicates of this sample (TX0002) were greater than 4.4 mg/L. Because no midge larvae survived in any of the replicates for this sample, the low dissolved oxygen concentration measured on Day 20 probably had no impact on the results of the study. Water temperature in two samples (TX0009 and TX0010) on Day 39 was measured at 21°C. This is slightly outside the temperature criteria stipulated for the test (22 to 24°C). Values for pH ranged from 6.5 to 8.5 during the chironomid test, which is slightly outside the recommended range of 7.0 to 9.0. However, there was no correlation between chironomid mortality and this slight pH deviation (i.e., 0.5).

The data are determined to be acceptable for use in the remedial investigation and feasibility study.

References

American Society for Testing and Materials (ASTM). 1995. Standard guide for conducting sediment toxicity tests with freshwater invertebrates. Method E11706-95. In: Annual Book of ASTM Standards, Volume 11.04. American Society for Testing and Materials, Philadelphia, PA.

Exponent. 2000. Onondaga Lake RI/FS. Supplemental data Phase 2A work plan. Prepared for Honeywell, East Syracuse, NY. Exponent, Bellevue, WA.

US Environmental Protection Agency (USEPA). 2000. Methods for measuring the toxicity and bioaccumulation of sediment-associated contaminants with freshwater invertebrates. EPA/600/R-99/064. USEPA, Office of Research and Development, Duluth, MN, and USEPA, Office of Science and Technology, Office of Water, Washington, DC.

Appendix D

Phase 2A Benthic Macroinvertebrate Assemblages Data

Appendix D1

2000 Data Tables

Appendix D1. Benthic Macroinvertebrate Taxa Collected in Onondaga Lake in 2000

Phylum	Class	Order	Family	Genus/Species	Sample No:	BI0001A	BI0001B	BI0001C	BI0001D	BI0001E	BI0004A
					Station:	S332	S332	S332	S332	S332	S337
					Date:	07/28/00	07/28/00	07/28/00	07/28/00	07/28/00	08/11/00
					Replicate:	REP1	REP2	REP3	REP4	REP5	REP1
Coelenterata	Hydrozoa	Hydroida	Hydrodae	Hydra americana							
Platyhelmenthes	Turbellaria	Seriata	Planariidae								
				Duguesia tigrina							
Nematoda						4	8	7	1	4	
Annelida	Hirudinea	Pharyngobdellida	Erpobdellidae	Mooreobdella bucera							
		Rhynchobdellida	Glossiphoniidae	Helobdella elogata							
				Helobdella stagnalis							
			Piscicolidae	Myzobdella lugubris							
	Oligochaeta										
		Lumbriculida	Lumbriculidae	Stylodrilus heringianus							
		Tubificida	Naididae	Dero digitata		10	10	4			40
				Nais bretscheri							
				Nais communis							
				Ophidonais serpentina							
				Stylaria lacustris							
				Uncinais uncinata							
				Vejdovskyella intermedia		10					
			Tubificidae			350	400	200	216	176	140
				Aulodrilus americanus							
				Aulodrilus limnobius							
				Aulodrilus pigueti							4
				Branchiura sowerbyi							
				Ilyodrilus templetoni		10				8	20
				Limnodrilus cervix		20					28
				Limnodrilus cervix variant							
				Limnodrilus claparedeianus							
				Limnodrilus hoffmeisteri		42	42	28	44	16	32
				Limnodrilus profundicola							4
				Limnodrilus udekemianus							
				Potamothrix bavaricus					6	4	
				Potamothrix moldaviensis		100	40	12	36	16	
				Quistadrilus multisetosus							
				Tubifex tubifex							
	Polychaeta	Sabellida	Sabellidae	Manayunkia speciosa		10					
Mollusca	Bivalvia	Heterodonta	Dreissenidae	Dreissena polymorpha							
			Sphaeriidae	Pisidium		4					
				Pisidium casertanum							
	Gastropoda										
		Basommatophora	Physidae	Physa gyrina							
		Mesogastropoda	Valvatidae	Valvata piscinalis							

Appendix D1. (cont.)

Phylum	Class	Order	Family	Genus/Species	Sample No:	BI0001A	BI0001B	BI0001C	BI0001D	BI0001E	BI0004A
					Station:	S332	S332	S332	S332	S332	S337
					Date:	07/28/00	07/28/00	07/28/00	07/28/00	07/28/00	08/11/00
					Replicate:	REP1	REP2	REP3	REP4	REP5	REP1
Arthropoda	Arachnida	Hydrachnida									
		TrombidIformes	Limnesiidae	Limnesia							
	Crustacea	Amphipoda	Gammaridae	Gammarus							
				Gammarus fasciatus		4		4		3	
				Gammarus pseudolimnaeus							
		Isopoda	Asellidae	Caecidotea							
		Podocopa									6
	Insecta	Coleoptera	Elmidae	Dubiraphia							
				Stenelmis							
		Diptera	Chironomidae			2			1	2	
				Chironomini-tribe							
				Chironomus				4	4	12	
				Chironomus cf. Riparius				2	6	14	
				Chironomus crassicaudaus							
				Chironomus decorus grp		10	12	7	7		2
				Chironomus plumosus							
				Chironomus species A							
				Cladopelma							
				Cladotanytarsus							
				Cricotopus sylvestris							
				Cryptochironomus					1		
				Dicrotendipes							
				Dicrotendipes modestus							
				Endochironomus							
				Glyptotendipes							
				Harnischia							
				Labrundinia							
				Microtendipes pedellus							
				Nanocladius distinctus							
				Parachironomus							
				Paratanytarsus							
				Polypedilum halterale							
				Procladius						2	
				Procladius species A							
				Procladius-Holotanypus		2				1	
				Psectrocladius							
				Tanytarsus							
			Psychodidae								
			Tipulidae								
		Trichoptera	Leptoceridae								
				Oecetis							

Appendix D1. (cont.)

Phylum	Class	Order	Family	Genus/Species	Sample No:	BI0004B	BI0004C	BI0004D	BI0004E	BI0005A	BI0005B	BI0005C	BI0005E
					Station:	S337	S337	S337	S337	S315	S315	S315	S315
					Date:	08/11/00	08/11/00	08/11/00	08/11/00	08/11/00	08/11/00	08/11/00	08/11/00
					Replicate:	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP5
Coelenterata	Hydrozoa	Hydroida	Hydrodae	Hydra americana									
Platyhelmenthes	Turbellaria	Seriata	Planariidae										
				Duguesia tigrina									
Nematoda						1	1	4			1		
Annelida	Hirudinea	Pharyngobdellida	Erpobdellidae	Mooreobdella bucera									
		Rhynchobdellida	Glossiphoniidae	Helobdella elogata									
				Helobdella stagnalis									
			Piscicolidae	Myzobdella lugubris									
	Oligochaeta												
		Lumbriculida	Lumbriculidae	Stylodrilus heringianus									
		Tubificida	Naididae	Dero digitata		116	108	24	20		1		
				Nais bretscheri									
				Nais communis									
				Ophidonais serpentina									
				Stylaria lacustris									
				Uncinais uncinata									
				Vejdovskyella intermedia									
			Tubificidae			304	432	122	164	1	1	1	1
				Aulodrilus americanus									
				Aulodrilus limnobius									
				Aulodrilus pigueti		32	12		20				
				Branchiura sowerbyi									
				Ilyodrilus templetoni		8	36						
				Limnodrilus cervix		24		32	20				
				Limnodrilus cervix variant			24						
				Limnodrilus claparedeianus									
				Limnodrilus hoffmeisteri		32	48	24	24				
				Limnodrilus profundicola					4				
				Limnodrilus udekemianus									
				Potamothrix bavaricus					4	1			
				Potamothrix moldaviensis									
				Quistadrilus multisetosus									
				Tubifex tubifex									
	Polychaeta	Sabellida	Sabellidae	Manayunkia speciosa									
Mollusca	Bivalvia	Heterodonta	Dreissenidae	Dreissena polymorpha									
			Sphaeriidae	Pisidium		1							
				Pisidium casertanum									
	Gastropoda												
		Basommatophora	Physidae	Physa gyrina									
		Mesogastropoda	Valvatidae	Valvata piscinalis									

Appendix D1. (cont.)

Phylum	Class	Order	Family	Genus/Species	Sample No:	BI0004B	BI0004C	BI0004D	BI0004E	BI0005A	BI0005B	BI0005C	BI0005E
					Station:	S337	S337	S337	S337	S315	S315	S315	S315
					Date:	08/11/00	08/11/00	08/11/00	08/11/00	08/11/00	08/11/00	08/11/00	08/11/00
					Replicate:	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP5
Arthropoda	Arachnida	Hydrachnida											
		Trombidiformes	Limnesiidae	Limnesia									
	Crustacea	Amphipoda	Gammaridae	Gammarus									
				Gammarus fasciatus									
				Gammarus pseudolimnaeus									
		Isopoda	Asellidae	Caecidotea									
		Podocopa					7	1	1	1		1	1
	Insecta	Coleoptera	Elmidae	Dubiraphia									
				Stenelmis									
		Diptera	Chironomidae										
				Chironomini-tribe									
				Chironomus									
				Chironomus cf. Riparius									
				Chironomus crassicaudaus									
				Chironomus decorus grp		5	3	2	5	1	1	1	
				Chironomus plumosus									
				Chironomus species A		2							
				Cladopelma									
				Cladotanytarsus									
				Cricotopus sylvestris						1			
				Cryptochironomus									
				Dicrotendipes									
				Dicrotendipes modestus									
				Endochironomus									
				Glyptotendipes									
				Harnischia									
				Labrundinia									
				Microtendipes pedellus									
				Nanocladius distinctus									
				Parachironomus									
				Paratanytarsus									
				Polypedilum halterale									
				Procladius									
				Procladius species A		1							
				Procladius-Holotanypus			1		1				
				Psectrocladius									
				Tanytarsus									
			Psychodidae										
			Tipulidae										
		Trichoptera	Leptoceridae										
				Oecetis									

Appendix D1. (cont.)

Phylum	Class	Order	Family	Genus/Species	Sample No:	BI0006A	BI0006B	BI0006C	BI0006D	BI0006E	BI0007A	BI0007B	BI0007C	BI0007D	BI0007E
					Station:	S317	S317	S317	S317	S317	S342	S342	S342	S342	S342
					Date:	08/11/00	08/11/00	08/11/00	08/11/00	08/11/00	08/10/00	08/10/00	08/10/00	08/10/00	08/10/00
					Replicate:	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5
Coelenterata	Hydrozoa	Hydroida	Hydrodae	Hydra americana											
Platyhelmenthes	Turbellaria	Seriata	Planariidae												
				Duguesia tigrina											
Nematoda								4	4		4	4		3	
Annelida	Hirudinea	Pharyngobdellida	Erpobdellidae	Mooreobdella bucera											
		Rhynchobdellida	Glossiphoniidae	Helobdella elogata											
				Helobdella stagnalis											
			Piscicolidae	Myzobdella lugubris											
	Oligochaeta														
		Lumbriculida	Lumbriculidae	Stylodrilus heringianus											
		Tubificida	Naididae	Dero digitata		100	104	48	44	28	10				6
				Nais bretscheri											
				Nais communis											
				Ophidonais serpentina											
				Stylaria lacustris											
				Uncinais uncinata											
				Vejdovskyella intermedia											
			Tubificidae			460	556	748	792	588	312	336	2	161	87
				Aulodrilus americanus											
				Aulodrilus limnobius											
				Aulodrilus pigueti		420	480	336	1,058	616					
				Branchiura sowerbyi											
				Ilyodrilus templetoni		20		24			10	8		4	
				Limnodrilus cervix		8	48	48	220	56	30			12	6
				Limnodrilus cervix variant											
				Limnodrilus claparedeianus											
				Limnodrilus hoffmeisteri			24	72	132	196	140	100		37	39
				Limnodrilus profundicola											
				Limnodrilus udekemianus											
				Potamothrix bavaricus			24								
				Potamothrix moldaviensis					4						
				Quistadrilus multisetosus											
				Tubifex tubifex											
	Polychaeta	Sabellida	Sabellidae	Manayunkia speciosa											
Mollusca	Bivalvia	Heterodonta	Dreissenidae	Dreissena polymorpha							2		1		23
			Sphaeriidae	Pisidium								7	2		4
				Pisidium casertanum											
	Gastropoda													1	
		Basommatophora	Physidae	Physa gyrina											2
		Mesogastropoda	Valvatidae	Valvata piscinalis							2		1		

Appendix D1. (cont.)

Phylum	Class	Order	Family	Genus/Species	Sample No:	BI0006A	BI0006B	BI0006C	BI0006D	BI0006E	BI0007A	BI0007B	BI0007C	BI0007D	BI0007E
					Station:	S317	S317	S317	S317	S317	S342	S342	S342	S342	S342
					Date:	08/11/00	08/11/00	08/11/00	08/11/00	08/11/00	08/10/00	08/10/00	08/10/00	08/10/00	08/10/00
					Replicate:	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5
Arthropoda	Arachnida	Hydrachnida													
		TrombidIformes	Limnesiidae	Limnesia									1		1
	Crustacea	Amphipoda	Gammaridae	Gammarus								1			
				Gammarus fasciatus											1
				Gammarus pseudolimnaeus											
		Isopoda	Asellidae	Caecidotea											
		Podocopa										4		1	4
	Insecta	Coleoptera	Elmidae	Dubiraphia					4						
				Stenelmis											
		Diptera	Chironomidae								2				
				Chironomini-tribe											
				Chironomus							122	154	54	152	106
				Chironomus cf. Riparius							4		1		
				Chironomus crassicaudaus											
				Chironomus decorus grp		24	8	40	24	24	28	32	2		
				Chironomus plumosus											
				Chironomus species A											
				Cladopelma											
				Cladotanytarsus											
				Cricotopus sylvestris											
				Cryptochironomus											
				Dicrotendipes											
				Dicrotendipes modestus											2
				Endochironomus											
				Glyptotendipes											
				Harnischia											
				Labrundinia											
				Microtendipes pedellus											
				Nanocladius distinctus											
				Parachironomus											
				Paratanytarsus											
				Polypedilum halterale											
				Procladius											
				Procladius species A							12	14	4	7	
				Procladius-Holotanypus		8							1	5	
				Psectrocladius											
				Tanytarsus					4						
			Psychodidae												
			Tipulidae												
		Trichoptera	Leptoceridae												
				Oecetis											

Appendix D1. (cont.)

Phylum	Class	Order	Family	Genus/Species	Sample No:	BI0008B	BI0008E	BI0009A	BI0009B	BI0009C	BI0009D	BI0010A	BI0010B	BI0010C	BI0010D
					Station:	S355	S355	S354	S354	S354	S354	S372	S372	S372	S372
					Date:	08/10/00	08/10/00	08/10/00	08/10/00	08/10/00	08/10/00	08/11/00	08/11/00	08/11/00	08/11/00
					Replicate:	REP2	REP5	REP1	REP2	REP3	REP4	REP1	REP2	REP3	REP4
Coelenterata	Hydrozoa	Hydroida	Hydrodae	Hydra americana											
Platyhelmenthes	Turbellaria	Seriata	Planariidae												
				Duguesia tigrina											
Nematoda												5	124	332	76
Annelida	Hirudinea	Pharyngobdellida	Erpobdellidae	Mooreobdella bucera											
		Rhynchobdellida	Glossiphoniidae	Helobdella elogata											
				Helobdella stagnalis											
			Piscicolidae	Myzobdella lugubris											
	Oligochaeta														
		Lumbriculida	Lumbriculidae	Stylodrilus heringianus											
		Tubificida	Naididae	Dero digitata		2						2			12
				Nais bretscheri										24	
				Nais communis									80	24	4
				Ophidonais serpentina									64		
				Stylaria lacustris								2	80	72	4
				Uncinais uncinata											
				Vejdovskyella intermedia										24	
			Tubificidae									98	352	672	137
				Aulodrilus americanus											
				Aulodrilus limnobius											
				Aulodrilus pigueti								4	80	144	28
				Branchiura sowerbyi											
				Ilyodrilus templetoni									16		4
				Limnodrilus cervix											
				Limnodrilus cervix variant											
				Limnodrilus claparedeianus											
				Limnodrilus hoffmeisteri								6	56	112	4
				Limnodrilus profundicola											4
				Limnodrilus udekemianus											
				Potamothrix bavaricus								2	32	24	
				Potamothrix moldaviensis								10	20	104	16
				Quistadrilus multisetosus											
				Tubifex tubifex											
	Polychaeta	Sabellida	Sabellidae	Manayunkia speciosa											
Mollusca	Bivalvia	Heterodonta	Dreissenidae	Dreissena polymorpha								1	308	288	20
			Sphaeriidae	Pisidium											
				Pisidium casertanum											
	Gastropoda														
		Basommatophora	Physidae	Physa gyrina											
		Mesogastropoda	Valvatidae	Valvata piscinalis											

Appendix D1. (cont.)

Phylum	Class	Order	Family	Genus/Species	Sample No:	BI0008B	BI0008E	BI0009A	BI0009B	BI0009C	BI0009D	BI0010A	BI0010B	BI0010C	BI0010D
					Station:	S355	S355	S354	S354	S354	S354	S372	S372	S372	S372
					Date:	08/10/00	08/10/00	08/10/00	08/10/00	08/10/00	08/10/00	08/11/00	08/11/00	08/11/00	08/11/00
					Replicate:	REP2	REP5	REP1	REP2	REP3	REP4	REP1	REP2	REP3	REP4
Arthropoda	Arachnida	Hydrachnida											8		
		TrombidIformes	Limnesiidae	Limnesia									8		
	Crustacea	Amphipoda	Gammaridae	Gammarus											
				Gammarus fasciatus									12	24	
				Gammarus pseudolimnaeus											
		Isopoda	Asellidae	Caecidotea											
		Podocopa					1	1	2	1		9	72	108	9
	Insecta	Coleoptera	Elmidae	Dubiraphia											
				Stenelmis											
		Diptera	Chironomidae									2	8	40	1
				Chironomini-tribe									12	8	1
				Chironomus											
				Chironomus cf. Riparius											
				Chironomus crassicaudaus											
				Chironomus decorus grp				1	2		1				
				Chironomus plumosus											
				Chironomus species A											
				Cladopelma								1		12	
				Cladotanytarsus								18	180	304	12
				Cricotopus sylvestris								1	20	8	
				Cryptochironomus									12	8	1
				Dicrotendipes									4		
				Dicrotendipes modestus									64	68	8
				Endochironomus									96	16	
				Glyptotendipes									4		
				Harnischia											
				Labrundinia											
				Microtendipes pedellus											
				Nanocladius distinctus											
				Parachironomus									20	68	1
				Paratanytarsus									20	4	1
				Polypedilum halterale									4	40	1
				Procladius											
				Procladius species A											
				Procladius-Holotanypus					1	1		1		4	
				Psectrocladius									28	8	1
				Tanytarsus								2	24	28	1
			Psychodidae												
			Tipulidae											4	
		Trichoptera	Leptoceridae												
				Oecetis											

Appendix D1. (cont.)

Phylum	Class	Order	Family	Genus/Species	Sample No:	BI0010E	BI0011A	BI0011B	BI0011C	BI0011D	BI0011E	BI0012A	BI0012B	BI0012C	BI0012D
					Station:	S372	S320	S320	S320	S320	S320	S365	S365	S365	S365
					Date:	08/11/00	08/13/00	08/13/00	08/13/00	08/13/00	08/13/00	08/13/00	08/13/00	08/13/00	08/13/00
					Replicate:	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4
Coelenterata	Hydrozoa	Hydroida	Hydrodae	Hydra americana											
Platyhelmenthes	Turbellaria	Seriata	Planariidae												
				Duguesia tigrina											
Nematoda						3	1								6
Annelida	Hirudinea	Pharyngobdellida	Erpobdellidae	Mooreobdella bucera											
		Rhynchobdellida	Glossiphoniidae	Helobdella elogata											
				Helobdella stagnalis											
			Piscicolidae	Myzobdella lugubris											
	Oligochaeta									2	2				
		Lumbriculida	Lumbriculidae	Stylodrilus heringianus							1				
		Tubificida	Naididae	Dero digitata		5			20	10	28	80	18	56	48
				Nais bretscheri											
				Nais communis		1									
				Ophidonais serpentina											
				Stylaria lacustris		4									
				Uncinais uncinata											
				Vejdovskyella intermedia											
			Tubificidae			41	142	184	132	80	128	128	210	116	172
				Aulodrilus americanus											
				Aulodrilus limnobius											
				Aulodrilus pigueti		5	4		8	4					
				Branchiura sowerbyi											
				Ilyodrilus templetoni				12	4	4	12				
				Limnodrilus cervix			24	12	4	4	8			4	12
				Limnodrilus cervix variant											
				Limnodrilus claparedeianus									6		
				Limnodrilus hoffmeisteri		2	40	16	36	16	28	24	54	4	50
				Limnodrilus profundicola											
				Limnodrilus udekemianus											
				Potamothrix bavaricus								4			
				Potamothrix moldaviensis								2	72	16	84
				Quistadrilus multisetosus											
				Tubifex tubifex							4			4	
	Polychaeta	Sabellida	Sabellidae	Manayunkia speciosa											
Mollusca	Bivalvia	Heterodonta	Dreissenidae	Dreissena polymorpha		3						197	8	580	87
			Sphaeriidae	Pisidium											
				Pisidium casertanum											
	Gastropoda														
		Basommatophora	Physidae	Physa gyrina											
		Mesogastropoda	Valvatidae	Valvata piscinalis											

Appendix D1. (cont.)

Phylum	Class	Order	Family	Genus/Species	Sample No:	BI0010E	BI0011A	BI0011B	BI0011C	BI0011D	BI0011E	BI0012A	BI0012B	BI0012C	BI0012D
					Station:	S372	S320	S320	S320	S320	S320	S365	S365	S365	S365
					Date:	08/11/00	08/13/00	08/13/00	08/13/00	08/13/00	08/13/00	08/13/00	08/13/00	08/13/00	08/13/00
					Replicate:	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4
Arthropoda	Arachnida	Hydrachnida				1									
		Trombidlformes	Limnesiidae	Limnesia											
	Crustacea	Amphipoda	Gammaridae	Gammarus											
				Gammarus fasciatus											
				Gammarus pseudolimnaeus								2	2	4	4
		Isopoda	Asellidae	Caecidotea								14	10	12	6
		Podocopa				6									
	Insecta	Coleoptera	Elmidae	Dubiraphia											
				Stenelmis											
		Diptera	Chironomidae									2	4		10
				Chironomini-tribe											
				Chironomus								40	58	24	54
				Chironomus cf. Riparius											8
				Chironomus crassicaudaus											
				Chironomus decorus grp			1	5	4	4	4	36	72	16	98
				Chironomus plumosus											
				Chironomus species A											
				Cladopelma		2							2		4
				Cladotanytarsus		2									
				Cricotopus sylvestris											
				Cryptochironomus		1									
				Dicrotendipes											
				Dicrotendipes modestus								2			2
				Endochironomus											
				Glyptotendipes										4	
				Harnischia											
				Labrundinia											2
				Microtendipes pedellus											
				Nanocladius distinctus											
				Parachironomus										4	
				Paratanytarsus											
				Polypedilum halterale									2		
				Procladius										4	
				Procladius species A											8
				Procladius-Holotanypus		1				2	1		2		
				Psectrocladius		1									
				Tanytarsus											
			Psychodidae												
			Tipulidae												
		Trichoptera	Leptoceridae												
				Oecetis											

Appendix D1. (cont.)

Phylum	Class	Order	Family	Genus/Species	Sample No:	BI0012E	BI0013A	BI0013B	BI0013C	BI0013D	BI0013E	BI0014A	BI0014B	BI0014C	BI0014D
					Station:	S365	S323	S323	S323	S323	S323	S305	S305	S305	S305
					Date:	08/13/00	08/13/00	08/13/00	08/13/00	08/13/00	08/13/00	08/12/00	08/12/00	08/12/00	08/12/00
					Replicate:	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4
Coelenterata	Hydrozoa	Hydroida	Hydrodae	Hydra americana											
Platyhelmenthes	Turbellaria	Seriata	Planariidae												
				Duguesia tigrina											
Nematoda						1			2	3	3	4	12	12	20
Annelida	Hirudinea	Pharyngobdellida	Erpobdellidae	Mooreobdella bucera											
		Rhynchobdellida	Glossiphoniidae	Helobdella elogata											
				Helobdella stagnalis											
			Piscicolidae	Myzobdella lugubris											
	Oligochaeta														
		Lumbriculida	Lumbriculidae	Stylodrilus heringianus											
		Tubificida	Naididae	Dero digitata		21	400	112	48	132	72	88	28	36	84
				Nais bretscheri											
				Nais communis											
				Ophidonais serpentina											
				Stylaria lacustris											
				Uncinais uncinata											
				Vejdovskyella intermedia											
			Tubificidae			103	480	624	360	396	288	1,540	1,012	1,152	788
				Aulodrilus americanus											
				Aulodrilus limnobius											
				Aulodrilus pigueti			180	112	84	36	40	264	112	396	252
				Branchiura sowerbyi											
				Ilyodrilus templetoni			20		24		8				84
				Limnodrilus cervix		4	4		48	12	12	44	140	72	56
				Limnodrilus cervix variant											
				Limnodrilus claparedeianus											
				Limnodrilus hoffmeisteri		20	8	116	72	60	40	44	144	144	64
				Limnodrilus profundicola								44			
				Limnodrilus udekemianus			4				8				4
				Potamothrix bavaricus									60	36	84
				Potamothrix moldaviensis		37						88	56	72	32
				Quistadrilus multisetosus											
				Tubifex tubifex											
	Polychaeta	Sabellida	Sabellidae	Manayunkia speciosa											
Mollusca	Bivalvia	Heterodonta	Dreissenidae	Dreissena polymorpha		5			1		1	4			4
			Sphaeriidae	Pisidium											
				Pisidium casertanum											
	Gastropoda														
		Basommatophora	Physidae	Physa gyrina											
		Mesogastropoda	Valvatidae	Valvata piscinalis											

Appendix D1. (cont.)

Phylum	Class	Order	Family	Genus/Species	Sample No:	BI0012E	BI0013A	BI0013B	BI0013C	BI0013D	BI0013E	BI0014A	BI0014B	BI0014C	BI0014D
					Station:	S365	S323	S323	S323	S323	S323	S305	S305	S305	S305
					Date:	08/13/00	08/13/00	08/13/00	08/13/00	08/13/00	08/13/00	08/12/00	08/12/00	08/12/00	08/12/00
					Replicate:	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4
Arthropoda	Arachnida	Hydrachnida													
		Trombidlformes	Limnesiidae	Limnesia											
	Crustacea	Amphipoda	Gammaridae	Gammarus											
				Gammarus fasciatus								16			
				Gammarus pseudolimnaeus											
		Isopoda	Asellidae	Caecidotea											
		Podocopa										72	16	52	52
	Insecta	Coleoptera	Elmidae	Dubiraphia									4	4	12
				Stenelmis											
		Diptera	Chironomidae			5			1	1		4		8	
				Chironomini-tribe											
				Chironomus		54						20	20	32	16
				Chironomus cf. Riparius								40			52
				Chironomus crassicaudaus											
				Chironomus decorus grp		37	4	24	9	14	17	8	28	48	8
				Chironomus plumosus								8	16		4
				Chironomus species A											
				Cladopelma								12	4	4	4
				Cladotanytarsus											
				Cricotopus sylvestris											
				Cryptochironomus				4							
				Dicrotendipes		1									
				Dicrotendipes modestus				4							
				Endochironomus											
				Glyptotendipes											
				Harnischia											
				Labrundinia											
				Microtendipes pedellus											
				Nanocladius distinctus											
				Parachironomus											
				Paratanytarsus											
				Polypedilum halterale								4			
				Procladius											
				Procladius species A		1	1		3	4			8		
				Procladius-Holotanypus				16							
				Psectrocladius											
				Tanytarsus											
			Psychodidae												
			Tipulidae												
		Trichoptera	Leptoceridae												
				Oecetis											

Appendix D1. (cont.)

					Sample No:	BI0014E	BI0015A	BI0015B	BI0015C	BI0015D	BI0015E	BI0016A	BI0016B	BI0016C	BI0017A
					Station:	S305	S302	S302	S302	S302	S302	S303	S303	S303	OT-7
					Date:	08/12/00	08/12/00	08/12/00	08/12/00	08/12/00	08/12/00	08/12/00	08/12/00	08/12/00	08/14/00
Phylum	**Class**	**Order**	**Family**	**Genus/Species**	**Replicate:**	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP1
Coelenterata	Hydrozoa	Hydroida	Hydrodae	Hydra americana											
Platyhelmenthes	Turbellaria	Seriata	Planariidae												
				Duguesia tigrina											
Nematoda						12		1	1		1				2
Annelida	Hirudinea	Pharyngobdellida	Erpobdellidae	Mooreobdella bucera											
		Rhynchobdellida	Glossiphoniidae	Helobdella elogata											
				Helobdella stagnalis											
			Piscicolidae	Myzobdella lugubris											
	Oligochaeta						8								
		Lumbriculida	Lumbriculidae	Stylodrilus heringianus											
		Tubificida	Naididae	Dero digitata		16	8		2	12	2			1	1
				Nais bretscheri											
				Nais communis											
				Ophidonais serpentina											
				Stylaria lacustris											
				Uncinais uncinata											
				Vejdovskyella intermedia											
			Tubificidae			612	104	52	39	116	64				28
				Aulodrilus americanus											4
				Aulodrilus limnobius											1
				Aulodrilus pigueti		208	44	26	11	52	14				1
				Branchiura sowerbyi											
				Ilyodrilus templetoni		32	16	16	12	8	12				
				Limnodrilus cervix			12	2	5	8	14				
				Limnodrilus cervix variant											
				Limnodrilus claparedeianus											
				Limnodrilus hoffmeisteri		52	8	9	3	12	8				1
				Limnodrilus profundicola				2							
				Limnodrilus udekemianus											
				Potamothrix bavaricus											
				Potamothrix moldaviensis		20									
				Quistadrilus multisetosus		16									
				Tubifex tubifex											
	Polychaeta	Sabellida	Sabellidae	Manayunkia speciosa											
Mollusca	Bivalvia	Heterodonta	Dreissenidae	Dreissena polymorpha					1						4
			Sphaeriidae	Pisidium											20
				Pisidium casertanum											
	Gastropoda														
		Basommatophora	Physidae	Physa gyrina											
		Mesogastropoda	Valvatidae	Valvata piscinalis											

Appendix D1. (cont.)

Phylum	Class	Order	Family	Genus/Species	Sample No:	BI0014E	BI0015A	BI0015B	BI0015C	BI0015D	BI0015E	BI0016A	BI0016B	BI0016C	BI0017A
					Station:	S305	S302	S302	S302	S302	S302	S303	S303	S303	OT-7
					Date:	08/12/00	08/12/00	08/12/00	08/12/00	08/12/00	08/12/00	08/12/00	08/12/00	08/12/00	08/14/00
					Replicate:	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP1
Arthropoda	Arachnida	Hydrachnida													
		Trombidlformes	Limnesiidae	Limnesia											
	Crustacea	Amphipoda	Gammaridae	Gammarus											
				Gammarus fasciatus		4									25
				Gammarus pseudolimnaeus							1				
		Isopoda	Asellidae	Caecidotea											
		Podocopa				8	1	3	1	1	2				8
	Insecta	Coleoptera	Elmidae	Dubiraphia											
				Stenelmis				1							
		Diptera	Chironomidae												
				Chironomini-tribe											
				Chironomus		20			5						1
				Chironomus cf. Riparius		24			3	5	3				
				Chironomus crassicaudaus									1		
				Chironomus decorus grp		16	9	20		3	27		1		
				Chironomus plumosus		4	31		20	31		2			
				Chironomus species A			3		3	6			1		
				Cladopelma		4									
				Cladotanytarsus											
				Cricotopus sylvestris											
				Cryptochironomus											1
				Dicrotendipes											
				Dicrotendipes modestus					1						
				Endochironomus											
				Glyptotendipes											
				Harnischia											
				Labrundinia											
				Microtendipes pedellus											
				Nanocladius distinctus				1							
				Parachironomus											
				Paratanytarsus											
				Polypedilum halterale											
				Procladius											
				Procladius species A					1	1					
				Procladius-Holotanypus											
				Psectrocladius											
				Tanytarsus											
			Psychodidae												
			Tipulidae												
		Trichoptera	Leptoceridae												
				Oecetis											2

Appendix D1. (cont.)

Phylum	Class	Order	Family	Genus/Species	Sample No:	BI0017B	BI0017C	BI0017D	BI0017E	BI0018A	BI0018B	BI0018C	BI0018D	Bi0018E	BI0019A
					Station:	OT-7	OT-7	OT-7	OT-7	OT-6	OT-6	OT-6	OT-6	OT-6	S344
					Date:	08/14/00	08/14/00	08/14/00	08/14/00	08/09/00	08/09/00	08/09/00	08/09/00	08/09/00	08/10/00
					Replicate:	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1
Coelenterata	Hydrozoa	Hydroida	Hydrodae	Hydra americana										8	
Platyhelmenthes	Turbellaria	Seriata	Planariidae							4		12	2	64	
				Duguesia tigrina		2	1				2				
Nematoda										20		12		4	
Annelida	Hirudinea	Pharyngobdellida	Erpobdellidae	Mooreobdella bucera											
		Rhynchobdellida	Glossiphoniidae	Helobdella elogata						4	6		5		
				Helobdella stagnalis										8	
			Piscicolidae	Myzobdella lugubris								4			
	Oligochaeta														
		Lumbriculida	Lumbriculidae	Stylodrilus heringianus											
		Tubificida	Naididae	Dero digitata						12	6		1	16	
				Nais bretscheri											
				Nais communis											
				Ophidonais serpentina											
				Stylaria lacustris											
				Uncinais uncinata						8				16	
				Vejdovskyella intermedia											
			Tubificidae			32	23	13	11	192	96	312	33	320	232
				Aulodrilus americanus		8	2	2							
				Aulodrilus limnobius		6	1	2	1	24	16	16	2	32	
				Aulodrilus pigueti						12	6			16	
				Branchiura sowerbyi		2	5	3				12	3		
				Ilyodrilus templetoni			1	1	1		2				
				Limnodrilus cervix											56
				Limnodrilus cervix variant											
				Limnodrilus claparedeianus											
				Limnodrilus hoffmeisteri		6	7		3	8	12	40	2	16	96
				Limnodrilus profundicola											
				Limnodrilus udekemianus											
				Potamothrix bavaricus							2	8	2		
				Potamothrix moldaviensis			1	1		4	2	16	2	16	
				Quistadrilus multisetosus											
				Tubifex tubifex											
	Polychaeta	Sabellida	Sabellidae	Manayunkia speciosa											
Mollusca	Bivalvia	Heterodonta	Dreissenidae	Dreissena polymorpha		240	12	2		784	46	76	15	1,770	
			Sphaeriidae	Pisidium		52	50	25	5	24	16	20		8	
				Pisidium casertanum											
	Gastropoda														
		Basommatophora	Physidae	Physa gyrina											
		Mesogastropoda	Valvatidae	Valvata piscinalis											

Appendix D1. (cont.)

Phylum	Class	Order	Family	Genus/Species	Sample No:	BI0017B	BI0017C	BI0017D	BI0017E	BI0018A	BI0018B	BI0018C	BI0018D	Bi0018E	BI0019A
					Station:	OT-7	OT-7	OT-7	OT-7	OT-6	OT-6	OT-6	OT-6	OT-6	S344
					Date:	08/14/00	08/14/00	08/14/00	08/14/00	08/09/00	08/09/00	08/09/00	08/09/00	08/09/00	08/10/00
					Replicate:	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1
Arthropoda	Arachnida	Hydrachnida													
		Trombidlformes	Limnesiidae	Limnesia		2									
	Crustacea	Amphipoda	Gammaridae	Gammarus					1	24	14	12	42	12	
				Gammarus fasciatus		112	69	4		116	66	68	148	56	
				Gammarus pseudolimnaeus											
		Isopoda	Asellidae	Caecidotea			1			8	2	4		4	
		Podocopa				20		2		288	182	316		60	1
	Insecta	Coleoptera	Elmidae	Dubiraphia											
				Stenelmis											
		Diptera	Chironomidae												
				Chironomini-tribe											
				Chironomus			1								3
				Chironomus cf. Riparius											7
				Chironomus crassicaudaus											
				Chironomus decorus grp											15
				Chironomus plumosus											
				Chironomus species A											
				Cladopelma								4			
				Cladotanytarsus											
				Cricotopus sylvestris						4					
				Cryptochironomus				1		4	4	12	2	4	
				Dicrotendipes											
				Dicrotendipes modestus											
				Endochironomus											
				Glyptotendipes					1						
				Harnischia		2				4					
				Labrundinia											
				Microtendipes pedellus								4			
				Nanocladius distinctus											
				Parachironomus											
				Paratanytarsus											
				Polypedilum halterale											
				Procladius											
				Procladius species A		6	1	1					1		
				Procladius-Holotanypus		4				4		4	1		
				Psectrocladius											
				Tanytarsus		8				84	32	104	1	24	
			Psychodidae												
			Tipulidae												
		Trichoptera	Leptoceridae									4			
				Oecetis		2	2						1		

Appendix D1. (cont.)

					Sample No:	BI0019B	BI0019C	BI0019D	BI0019E
					Station:	S344	S344	S344	S344
					Date:	08/10/00	08/10/00	08/10/00	08/10/00
Phylum	Class	Order	Family	Genus/Species	Replicate:	REP2	REP3	REP4	REP5
Coelenterata	Hydrozoa	Hydroida	Hydrodae	Hydra americana					
Platyhelmenthes	Turbellaria	Seriata	Planariidae						
				Duguesia tigrina					
Nematoda									
Annelida	Hirudinea	Pharyngobdellida	Erpobdellidae	Mooreobdella bucera			1		
		Rhynchobdellida	Glossiphoniidae	Helobdella elogata					
				Helobdella stagnalis					
			Piscicolidae	Myzobdella lugubris					
	Oligochaeta								
		Lumbriculida	Lumbriculidae	Stylodrilus heringianus					
		Tubificida	Naididae	Dero digitata					
				Nais bretscheri					
				Nais communis					
				Ophidonais serpentina					
				Stylaria lacustris					
				Uncinais uncinata					
				Vejdovskyella intermedia					
			Tubificidae			14	156	228	256
				Aulodrilus americanus					
				Aulodrilus limnobius					
				Aulodrilus pigueti					
				Branchiura sowerbyi					
				Ilyodrilus templetoni					
				Limnodrilus cervix		3	4	36	32
				Limnodrilus cervix variant					
				Limnodrilus claparedeianus					
				Limnodrilus hoffmeisteri		2	88	38	152
				Limnodrilus profundicola					
				Limnodrilus udekemianus					
				Potamothrix bavaricus					
				Potamothrix moldaviensis					
				Quistadrilus multisetosus					
				Tubifex tubifex					
	Polychaeta	Sabellida	Sabellidae	Manayunkia speciosa					
Mollusca	Bivalvia	Heterodonta	Dreissenidae	Dreissena polymorpha					
			Sphaeriidae	Pisidium			1	5	
				Pisidium casertanum			1		4
	Gastropoda								
		Basommatophora	Physidae	Physa gyrina					
		Mesogastropoda	Valvatidae	Valvata piscinalis					

Appendix D1. (cont.)

Phylum	Class	Order	Family	Genus/Species	Sample No:	BI0019B	BI0019C	BI0019D	BI0019E
					Station:	S344	S344	S344	S344
					Date:	08/10/00	08/10/00	08/10/00	08/10/00
					Replicate:	REP2	REP3	REP4	REP5
Arthropoda	Arachnida	Hydrachnida							
		Trombidlformes	Limnesiidae	Limnesia					
	Crustacea	Amphipoda	Gammaridae	Gammarus					
				Gammarus fasciatus		1			
				Gammarus pseudolimnaeus					
		Isopoda	Asellidae	Caecidotea					
		Podocopa					3		
	Insecta	Coleoptera	Elmidae	Dubiraphia					
				Stenelmis					
		Diptera	Chironomidae						
				Chironomini-tribe			1		
				Chironomus			6	2	8
				Chironomus cf. Riparius			9		4
				Chironomus crassicaudaus					
				Chironomus decorus grp		9	4	18	36
				Chironomus plumosus					
				Chironomus species A				9	
				Cladopelma					
				Cladotanytarsus					
				Cricotopus sylvestris				1	
				Cryptochironomus					
				Dicrotendipes					
				Dicrotendipes modestus					
				Endochironomus					
				Glyptotendipes					
				Harnischia					
				Labrundinia					
				Microtendipes pedellus					
				Nanocladius distinctus					
				Parachironomus					
				Paratanytarsus					
				Polypedilum halterale					
				Procladius					
				Procladius species A			1		10
				Procladius-Holotanypus					
				Psectrocladius					
				Tanytarsus					
			Psychodidae			1			
			Tipulidae						
		Trichoptera	Leptoceridae						
				Oecetis					

Appendix D2

QA/QC Evaluation of Onondaga Lake 2000 Benthic Macroinvertebrate Data

APPENDIX D2. QA/QC EVALUATION OF ONONDAGA LAKE 2000 BENTHIC MACROINVERTEBRATE DATA

(Modified from Exponent, 2001c)

Introduction

This report documents the results of the quality assurance and quality control (QA/QC) review of the data generated on benthic macroinvertebrate assemblages that were collected in 2000 from 15 stations at Onondaga Lake and from two stations at Otisco Lake (reference area). These evaluations were conducted by Aquatic Resources Center in College Grove, Tennessee, and Icthyological Associates, Inc., in Lansing, New York. The quality assurance review was conducted by Exponent to ensure that the evaluation of the benthic macroinvertebrate assemblages was consistent with the specifications of the statement of work and that the data are acceptable for use in future stages of the study.

The quality assurance review consisted of an evaluation of the following major elements of the benthic macroinvertebrate evaluations:

- **Field Methods** – Were the major specifications of the field sampling procedures followed, as described in the work plan (Exponent, 2000)?
- **Laboratory Methods** – Were the major specifications of the laboratory testing procedures followed, as described in the work plan (Exponent, 2000) and the statement of work submitted to the taxonomic laboratory?
- **Sorting Efficiency** – Was each sample sorted with an efficiency of 95 percent?
- **Taxonomic Accuracy** – Were taxonomic identifications conducted by experienced taxonomists, using the appropriate literature and a reference collection?

The following section of this report presents the results of the QA/QC evaluation for the toxicity tests. QA/QC considerations are then summarized, and conclusions are presented in the final section.

Quality Assurance and Quality Control Evaluation

Field Methods

From July 28 to August 14, 2000, 15 samples of benthic macroinvertebrate assemblages were collected from Onondaga Lake and two samples of benthic macroinvertebrate assemblages were collected at Otisco Lake (i.e., reference area). Sampling was conducted according to the procedures and plans described in the work plan (Exponent, 2000). Up to five replicate samples were collected at each station. Maximum sediment penetration depths ranged from 13 to 15 cm below the sediment surface. Each grab sample, consisting of sediment and the overlying water, was strained through a sieve (600 μm) to isolate benthic

organisms. Retained material from each grab was transferred to an appropriate sample and preserved in the field with 10 percent formalin, and stained with rose bengal (125 mg/L).

Laboratory Methods

The analytical methods for the benthic macroinvertebrate samples were based on the specifications presented in the work plan (Exponent, 2000) and the laboratory statement of work. The laboratory methods are discussed in the following sections.

Sample Handling

Samples received by the laboratory remained in the 10-percent formalin solution for a minimum of 24 hours, to allow proper fixation. The maximum fixation period was 10 days, to reduce the risk of decalcifying mollusks. After fixation, the samples were washed (i.e., rescreened) with a sieve that has mesh opening of £0.3 mm, and preserved in a 95-percent solution of ethyl alcohol. For long-term crustacean storage, glycerine was substituted for some of the water. An appropriate alcohol-glycerine solution for long-term storage (70 percent alcohol, 25 percent water, and 5 percent glycerine) was used by the laboratory.

Washed samples were stored in an upright position at a cool temperature and away from direct sunlight. Samples were stored in a secure place, where containers were not susceptible to breakage, and samples were checked periodically to ensure that adequate levels of preservative are maintained.

Sorting

Samples were sorted by placing a small amount of the sample into a glass or plastic dish and using a pair of jeweler's forceps to sort through the sample in a systematic manner, removing each organism. This entire process was done while viewing the sample through a 10X dissecting microscope or a magnifying lamp.

Each sample was sorted by only one person. Organisms were sorted into major taxonomic groups (e.g., Amphipoda, Chironomidae, Oligochaeta). Based on New York State Department of Environmental Conservation (NYSDEC) protocols (NYSDEC, 1996), each sample that contained large numbers of benthic organisms was divided into quarters. Quartered subsamples were sorted in their entirety. Once 250 organisms were sorted, no more quarters were sorted. Each vial containing a major taxonomic group had a label listing the survey name, sample number, and date sampled.

Taxonomic Identifications and Counts

After sorting was completed, organisms were identified to the lowest taxonomic level possible, with the target being species level. Chironomidae were subsampled per 100 individuals, and oligochaetes were subsampled per 50 individuals. All other taxa were identified in their entirety (NYSDEC 1996). All taxonomic identifications were made by qualified taxonomists. For incomplete specimens, only the anterior or posterior end was enumerated, depending upon the taxon. All identifications were made using binocular-dissecting or compound microscopes. At least two pieces of literature were used for each species

identification. Moreover, each species identification was verified by a taxonomic expert or checked against a reference specimen from a verified reference collection.

After completing taxonomic identifications, all organisms were placed in vials containing 70 percent ethyl alcohol, 25 percent water, and 5 percent glycerine. These vials were sealed. Each vial was labeled with the following information: survey name, sample number, and date of collection. Any specimens removed from the sample jar and placed in the project reference collection were noted (i.e., species, number of individuals removed). Each taxonomist recorded initial identifications and counts on sample data sheets. Any pertinent notes and comments on the organisms in each sample were added to the sample data sheets.

QA/QC Procedures

At least three individuals of each taxon were placed in a vial with 70 percent ethyl alcohol, 25 percent water, and 5 percent glycerine and stored in a permanent project-reference collection. To reduce evaporation of alcohol, the lids of vials were sealed with electrical tape. The species (or other taxonomic designation) was written on the label on each vial. Reference specimens were archived alphabetically within major taxonomic groups.

At least 25 percent of one replicate from each sample was re-sorted for QA/QC purposes. Re-sorting is the examination of a sample or subsample that has been sorted once and is considered free of organisms. The re-sorted sediment aliquot was a representative subsample of the total sediment sample. Re-sorting was conducted using a dissection microscope capable of magnification to 25X. A partial re-sorting of every sample ensures that gross sorting errors are detected. Re-sorting was conducted by an individual other than the one who sorted the original sample. Each 25 percent sample aliquot was checked for removal of $\geq$95 percent of total organisms. Thus, each sample elicited a decision concerning a possible re-sort.

Sorting Efficiency

A sample-sorting efficiency of 95 percent (of the total number of individuals in each sample) was required for this study. That is, no more than 5 percent of the organisms in a given sample could be missed by the original sorter. Similarly, identifications by each taxonomist were expected to be accurate for at least 95 percent of the total number of species. The percent error in the laboratory's sample-sorting efficiency for this study ranged from 0 to 4.6 percent, with an average sample-sorting efficiency of 98.1 percent.

Taxonomic Accuracy

All organisms were identified to the lowest possible taxon, to species level whenever possible. In cases where the identity of a species was uncertain, a species number sufficed (e.g., *Chironomus* sp. #1, *Chironomus* sp. #2). Data for each replicate sample were reported as numbers of individuals per sample for each species (or lowest identifiable taxon).

Only one problem was encountered during the taxonomic determinations. The oligochaetes in Samples B1000A to E (Sample B1000, replicates 1 to 5) were in poor condition. These samples were initially sorted by Icthyological Associates and then re-sorted by Aquatic Resources, and the extra handling of these samples could have contributed to their generally poorer condition. Despite their condition, it was still possible to identify the oligochaetes in these samples.

Summary of Quality Assurance and Quality Control Considerations

Based on sorting efficiency and taxonomic accuracy, all of the results of the benthic macroinvertebrate evaluations are determined to be acceptable for use.

References

Exponent. 2000. Onondaga Lake RI/FS: Supplemental data Phase 2A work plan and dredged material disposal area addendum. Prepared for Honeywell, East Syracuse, NY. Exponent, Environmental Group, Bellevue, WA.

New York State Department of Environmental Conservation (NYSDEC). 1996. Quality assurance work plan for biological stream monitoring in New York State. Prepared by R.W. Bode, M.A. Novak, and L.E. Abele. NYSDEC, Division of Water, Bureau of Monitoring and Assessment, Stream Biomonitoring Unit, Albany, NY.