Appendix I

Summary of Data Used in the BERA

APPENDIX I. SUMMARY OF DATA USED IN THE BERA

I.1 List and Numbering of Tables

Appendix I consists of 21 numbered tables (i.e., Tables I-1 through I-21). In many cases, each numbered table consists of several separate tables (e.g., Table I-1A, Table I-1B). The tables presented in this appendix are listed below.

Table I-1 –1992 Onondaga Lake Surface Water
- 1A – 1992 Onondaga Lake Surface Water – Conventional Analytes
- 1B – 1992 Onondaga Lake Surface Water – Metals
- 1C – 1992 Onondaga Lake Surface Water – Organics
- 1D – 1992 Onondaga Lake Surface Water – Pesticides/PCBs

Table I-2 – 1992 Metro Discharge and Tributary Surface Water
- 2A – 1992 Metro Discharge and Tributary Surface Water – Conventional Analytes
- 2B – 1992 Metro Discharge and Tributary Surface Water – Metals
- 2C – 1992 Metro Discharge and Tributary Surface Water – Organics

Table I-3 – 1992 Onondaga Lake Sediment (0 – 2 cm)

Table I-4 – 1992 Onondaga Lake Sediment (0 – 30 cm)

Table I-5 – 1992 Otisco Lake Sediment (0 – 2 cm)

Table I-6 – 1992 Onondaga Lake Fish Data
- 6A – 1992 Onondaga Lake Fish Data – Conventional Analytes
- 6B – 1992 Onondaga Lake Fish Data – Metals
- 6C – 1992 Onondaga Lake Fish Data – Pesticides and PCBs
- 6D – 1992 Onondaga Lake Fish Data – Organic Compounds and Dioxin/Furans

Table I-7 – 1992 Fish from Onondaga Lake Tributaries

Table I-8 – 1999 Onondaga Lake Surface Water
- 8A – 1999 Onondaga Lake Surface Water – Conventional Analytes
- 8B – 1999 Onondaga Lake Surface Water – Metals
- 8C – 1999 Onondaga Lake Surface Water – Organics

Table I-9 – 2000 Onondaga Lake Surface Sediment
- 9A – 2000 Onondaga Lake Surface Sediment – Conventional Analytes
- 9B – 2000 Onondaga Lake Surface Sediment – Metals
- 9C – 2000 Onondaga Lake Surface Sediment – Organics
- 9D – 2000 Onondaga Lake Surface Sediment – Pesticides and PCBs
- 9E – 2000 Onondaga Lake Surface Sediment – Dioxins/Furans

Table I-10 – Otisco Lake Sediment (0 – 15 cm)

Table I-11 – 2000 Dredge Spoil Soils (All Depths)

Table I-12 – 2000 and 2002 Wetland Soils (0 – 15 cm)

Table I-13 – NYSDEC 1994-1999 Onondaga Lake Fish
- 13A– NYSDEC 1994-1999 Onondaga Lake Fish – Conventional Analytes and Hexachlorobenzene
- 13B – NYSDEC 1994-1999 Onondaga Lake Fish – Mercury
- 13C – NYSDEC 1994-1999 Onondaga Lake Fish – Pesticides and PCBs
- 13D – NYSDEC 1997-1999 Onondaga Lake Fish – Dioxins/Furans

Table I-14 – 2000 Onondaga Lake Young-of-Year Fish (at Tributary Mouths)

Table I-15 – 2000 Adult Fish from Onondaga Lake
- 15A –2000 Adult Fish from Onondaga Lake – Conventional Analytes, Hexachlorobenzene, Pesticides, and PCBs
- 15B –2000 Adult Fish from Onondaga Lake – Metals
- 15C –2000 Adult Fish from Onondaga Lake – Dioxins/Furans

Table I-16 – 1992 Toxicity Test Results

Table I-17 – 1992 Benthic Community Data

Table I-18 –2000 Toxicity Test Results
- 18A – 2000 Amphipod Toxicity Test Data
- 18B – 2000 Chironomid Survival and Ash-Free Dry Weight: Day 20
- 18C – 2000 Chironomid Bioassay Data

Table I-19 – 2000 Benthic Community Data

Table I-20 – Onondaga County Water Quality Data (1997-2001)

Table I-21 – 1992 and 2000 Aquatic Invertebrates and Phytoplankton

I.1.1 Data Qualifiers

The only data qualifiers of concern for Appendix I tables are the following:

- U (not detected at reported quantitation limit).
- J (estimated value).
- UJ (not detected; detection/quantitation limit is estimated).
- R (rejected – unusable datum).
- M (averaged values).
- B (used for organics when the analyte is found in the associated blank as well as in the sample; indicates possible/probable blank contamination and warns the data user to take appropriate action).
- N (presumtive evidence of presence of analyte; analyte may not meet all criteria for compound identification).

I.1.2 Sample and Station IDs

The letter F in the Sample or Station ID fields (columns) indicates filtered samples. An R indicates a replicate station; for example, Station W1 R was a replicate station located at Station W1. Other numbers in these fields represent depth.

I.2 Fish Species

The following legend provides the abbreviations for the fish referenced in Appendix I tables.

- BLSV – Brook silverside (*Labidesthes sicculus*)
- BLUE or BG – bluegill (*Lepomis macrochirus*)
- CATF – catfish
- CHC – channel catfish (*Ictalurus punctatus*)
- CP – carp (*Cyprinus carpio*)
- CTAD – centrarchid
- GOSH – golden shiner (*Notemigonus crysoleucas*)
- GSHD or GISH – gizzard shad (*Dorosoma cepedianum*)
- KF – killifish
- LDAC – longnose dace (*Rhinichthys cataractae*)
- LMB – largemouth bass (*Micropterus salmoides*)
- MIN – minnow
- PKSD – pumpkinseed (*Lepomis gibbosus*)
- SMB – smallmouth bass (*Micropterus dolomieui*)

- SSDS – silversides
- WEYE – walleye (*Stizostedion vitreum*)
- WP – white perch (*Morone americana*)

I.2.1 Fish Gender and Age

The letter F indicates female; M indicates male; and U or N indicate that the gender is unknown. A dash (–) indicates that no data were available. All age data are in years.

I.2.2 Source Data

All data originated from the Honeywell/Allied database or the NYSDEC database.

Table I-1A. 1992 Onondaga Lake Surface Water, Conventional Analytes

Date	Station	Depth	Ammonia-nitrogen (mg/L)	Carbon dioxide (mg/L)	Chloride (mg/L)	Chloride (mg/L-dis)	Conductivity (µmho/c)	Dissolved oxygen, wt/vol (mg/L)	pH	Secchi depth (m)	Sulfate (mg/L)	Sulfate (mg/L-dis)	Sulfides (mg/L)	Sulfides (mg/L-dis)
4/8/92	W2	3	2.2	1.0 UR	505						154		1.0 U	
4/8/92	W2	9	2.2	1.0 UR	503						163		1.0 U	
4/8/92	W2	15	2.3	1.0 UR	525						168		1.0 U	
4/8/92	W2						2,110	15	7.8					
4/8/92	W2						2,110	14	7.9					
4/8/92	W2						2,120	14	7.9					
4/8/92	W2						2,120	14	7.9					
4/8/92	W2						2,150	14	8.0					
4/8/92	W2						2,110	14	7.9					
4/8/92	W2						2,100	14	7.9					
4/8/92	W2						2,200	13	7.9					
4/8/92	W2						2,200	12	7.8					
4/8/92	W2						2,220	12	7.8					
4/13/92	W1	15	2.2	3.0 R	480						159		1.1	
4/13/92	W1	15F										153		1.0
4/13/92	W1	3	2.2	1.0 UR	473						154		1.0 U	
4/13/92	W1	3F										164		1.2
4/13/92	W1	9	2.1 M	1.0 RM	475 M						156 M		1.3 M	
4/13/92	W1	9F										157		1.2
4/13/92	W1						2,070	14	8.6	1.2				
4/13/92	W1						2,070	14	8.6					
4/13/92	W1						2,080	13	8.6					
4/13/92	W1						2,080	13	8.6					
4/13/92	W1						2,090	13	8.6					
4/13/92	W1						2,090	13	8.6					
4/13/92	W1						2,090	13	8.6					
4/13/92	W1						2,090	13	8.6					
4/13/92	W1						2,090	13	8.6					
4/13/92	W1						2,100	13	8.6					
4/13/92	W1R		2.1	2.2 R	477						160		1.2	
4/25/92	W12		1.5		416						148			
4/25/92	W12						1,760	14	8.0					
4/25/92	W12						1,970	14	8.0					
4/25/92	W12						2,020	14	8.0					
5/26/92	W2	0	1.4	7.8 R	490						187 J		1.0 UJ	
5/26/92	W2	12	1.5	6.9 R	484						181 J		1.0 UJ	
5/26/92	W2	15	2.3	6.9 R	487						173 J		1.0 UJ	
5/26/92	W2	18	2.4	8.2 R	483						185 J		1.0 UJ	
5/26/92	W2	3	1.4	5.6 R	486						188 J		1.0 UJ	
5/26/92	W2	6	1.6	8.2 R	484						186 J		1.0 UJ	
5/26/92	W2	9	1.7	8.6 R	481						192 J		1.0 UJ	
5/26/92	W2						2,040	13 R	9.6 R					
5/26/92	W2						2,030	13 R	9.6 R					

Table I-1A. (cont.)

Date	Station	Depth	Ammonia-nitrogen (mg/L)	Carbon dioxide (mg/L)	Chloride (mg/L)	Chloride (mg/L-dis)	Conductivity (µmho/c)	Dissolved oxygen, wt/vol (mg/L)	pH	Secchi depth (m)	Sulfate (mg/L)	Sulfate (mg/L-dis)	Sulfides (mg/L)	Sulfides (mg/L-dis)
5/26/92	W2						2,060	12.8 R	9.6 R					
5/26/92	W2						2,110	9.3 R	9.4 R					
5/26/92	W2						2,080	7.2 R	9.2 R					
5/26/92	W2						2,070	5.7 R	9.1 R					
5/26/92	W2						2,140	4.9 R	9.1 R					
5/26/92	W2						2,110	4.5 R	9.1 R					
5/26/92	W2						2,070	4.8 R	9.2 R					
5/26/92	W2						2,050	5.3 R	9.2 R					
5/26/92	W2						2,070	5.6 R	9.2 R					
5/26/92	W2						2,040	5.5 R	9.2 R					
5/26/92	W2						2,060	5.1 R	9.2 R					
5/26/92	W2						2,100	4.7 R	9.2 R					
5/26/92	W2						2,170	4.7 R	9.2 R					
5/26/92	W2						2,050	4.4 R	9.2 R					
5/26/92	W2						2,070	4.3 R	9.2 R					
5/26/92	W2						2,100	4.2 R	9.2 R					
5/27/92	W1	0	1.3	4.3 R	479						157		1.0 UJ	
5/27/92	W1	12	1.5	6.9 R	476						156		1.0 UJ	
5/27/92	W1	15	1.8 M	RM	463 M						150 M		1.0 UM	
5/27/92	W1	18	1.9	9.9 R	459						156		1.0 UJ	
5/27/92	W1	3	1.3	3.5 R	474						158		1.0 UJ	
5/27/92	W1	6	1.3	6.9 R	485						165		1.0 UJ	
5/27/92	W1	9	1.4	5.6 R	472						130		1.0 UJ	
5/27/92	W1						2,050	11 R	9.4 R	5				
5/27/92	W1						2,080	11 R	9.5 R					
5/27/92	W1						2,090	11 R	9.5 R					
5/27/92	W1						2,030	11 R	9.5 R					
5/27/92	W1						2,050	11 R	9.5 R					
5/27/92	W1						2,060	9.2 R	9.4 R					
5/27/92	W1						2,070	5.4 R	9.1 R					
5/27/92	W1						2,190	4.7 R	9.1 R					
5/27/92	W1						2,330	5.3 R	9.2 R					
5/27/92	W1						2,180	5.5 R	9.2 R					
5/27/92	W1						2,130	5.6 R	9.2 R					
5/27/92	W1						2,040	5.6 R	9.2 R					
5/27/92	W1						2,020	5.3 R	9.2 R					
5/27/92	W1						2,040	5.3 R	9.2 R					
5/27/92	W1						2,110	4.4 R	9.1 R					
5/27/92	W1						2,120	4.3 R	9.1 R					
5/27/92	W1						2,140	3.8 R	9.1 R					
5/27/92	W1						2,100	0.5 R	9.0 R					
5/27/92	W12		1.2		465						149			
5/27/92	W12						1,942 J		7.8 J					

Table I-1A. (cont.)

Date	Station	Depth	Ammonia-nitrogen (mg/L)	Carbon dioxide (mg/L)	Chloride (mg/L)	Chloride (mg/L-dis)	Conductivity (µmho/c)	Dissolved oxygen, wt/vol (mg/L)	pH	Secchi depth (m)	Sulfate (mg/L)	Sulfate (mg/L-dis)	Sulfides (mg/L)	Sulfides (mg/L-dis)
5/28/92	W1R	0	1.5	5.2 R	480						133		1.0 UJ	
5/28/92	W1R	0F				469						159		1.0 UJ
5/28/92	W1R	12	1.7	6.0 R	471						160		1.0 UJ	
5/28/92	W1R	12F				457						160		1.0 UJ
5/28/92	W1R	15	1.9	7.8 R	476						169		1.0 UJ	
5/28/92	W1R	15F				450						150		1.0 UJ
5/28/92	W1R	18	1.8	6.0 R	473						159		1.0 UJ	
5/28/92	W1R	18F				473						152		1.0 UJ
5/28/92	W1R	3	1.3	5.2 R	473						164		1.0 UJ	
5/28/92	W1R	3F				469						167		1.0 UJ
5/28/92	W1R	6	1.5	6.0 R	471						156		1.0 UJ	
5/28/92	W1R	6F				465						169		1.0 UJ
5/28/92	W1R	9	1.7	6.0 R	472						165		1.0 UJ	
5/28/92	W1R	9F				479						163		1.0 UJ
5/28/92	W1R						2,010	10 R	9.4 R	5				
5/28/92	W1R						2,030	10 R	9.4 R					
5/28/92	W1R						2,050	10 R	9.4 R					
5/28/92	W1R						2,010	10 R	9.4 R					
5/28/92	W1R						2,030	10 R	9.4 R					
5/28/92	W1R						2,040	10 R	9.4 R					
5/28/92	W1R						2,050	8.8 R	9.2 R					
5/28/92	W1R						2,090	4.1 R	9.0 R					
5/28/92	W1R						2,110	3.7 R	9.0 R					
5/28/92	W1R						2,110	4.1 R	9.1 R					
5/28/92	W1R						2,080	5.1 R	9.2 R					
5/28/92	W1R						2,060	5.2 R	9.2 R					
5/28/92	W1R						2,060	5.0 R	9.1 R					
5/28/92	W1R						2,050	4.5 R	9.1 R					
5/28/92	W1R						2,060	4.2 R	9.1 R					
5/28/92	W1R						2,060	3.9 R	9.1 R					
5/28/92	W1R						2,070	4.1 R	9.1 R					
5/28/92	W1R						2,070	3.7 R	9.1 R					
5/28/92	W1R						2,070	4.0 R	9.1 R					
6/19/92	W12		0.6		281						146 J			
6/19/92	W12						900	8.9 J	8.0					
6/19/92	W12						980	7.5 J						
6/19/92	W12						1,400	6.5 J						
6/19/92	W12						1,700	6.9 J						
6/19/92	W12							6.9 J						
6/19/92	W12							6.9 J						
6/19/92	W12							6.6 J						
6/23/92	W1	0	2.0 M	18 R	490						128 M		1.0 UM	
6/23/92	W1	3	2.1 M	8.6 R	486						125 M		1.0 UM	

Table I-1A. (cont.)

Date	Station	Depth	Ammonia-nitrogen (mg/L)	Carbon dioxide (mg/L)	Chloride (mg/L)	Chloride (mg/L-dis)	Conductivity (µmho/c)	Dissolved oxygen, wt/vol (mg/L)	pH	Secchi depth (m)	Sulfate (mg/L)	Sulfate (mg/L-dis)	Sulfides (mg/L)	Sulfides (mg/L-dis)
6/23/92	W1	6	1.9 M	6.9 R	488						132 M		1.0 UM	
6/23/92	W1	9	2.0	R	507						124		1.0 U	
6/23/92	W1	12	2.2 M	15 R	484						111 M		1.0 UM	
6/23/92	W1	15	2.5 M	15 R	464						121 M		1.0 UM	
6/23/92	W1	18	2.9 M	16 R	458						117 M		1.0 UM	
6/23/92	W1						2,130	7.2	8.1	4.5				
6/23/92	W1						2,130	7.1	8.1					
6/23/92	W1						2,140	7.1	8.1					
6/23/92	W1						2,130	7.0	8.1					
6/23/92	W1						2,140	7.0	8.1					
6/23/92	W1						2,150	6.7	8.1					
6/23/92	W1						2,140	6.6	8.1					
6/23/92	W1						2,170	5.9	8.0					
6/23/92	W1						2,250	2.7	7.8					
6/23/92	W1						2,220	1.1	7.7					
6/23/92	W1						2,170	0.7	7.7					
6/23/92	W1						2,140	0.8	7.7					
6/23/92	W1						2,120	0.1	7.7					
6/23/92	W1						2,110	8.0E-02	7.7					
6/23/92	W1						2,130	7.0E-02	7.7					
6/23/92	W1						2,070	7.0E-02	7.7					
6/23/92	W1						2,080	7.0E-02	7.7					
6/23/92	W1						2,270	7.0E-02	7.7					
6/23/92	W2	0	2.1 M	6.0 R	487						130 M		1.0 UM	
6/23/92	W2	3	1.7 M	13 R	482						128 M		1.0 UM	
6/23/92	W2	6	1.8 M	9.1 R	494						113 M		1.0 UM	
6/23/92	W2	9	2.1 M	22 R	510						120 M		1.0 UM	
6/23/92	W2	12	2.3 M	13 R	496						88 M		1.0 UM	
6/23/92	W2	15	2.8 M	15 R	473						115 M		1.0 UM	
6/23/92	W2	18	3.1 M	13 R	471						81 M		1.0 UM	
6/23/92	W2						2,150	7.3	7.9	5.0				
6/23/92	W2						2,150	6.7	8.0					
6/23/92	W2						2,150	6.8	8.0					
6/23/92	W2						2,150	6.7	8.0					
6/23/92	W2						2,150	6.7	8.0					
6/23/92	W2						2,170	6.1	8.0					
6/23/92	W2						2,170	5.3	7.9					
6/23/92	W2						2,190	4.1	7.8					
6/23/92	W2						2,220	2.5	7.7					
6/23/92	W2						2,210	1.0	7.6					
6/23/92	W2						2,190	0.7	7.6					
6/23/92	W2						2,190	0.6	7.6					
6/23/92	W2						2,210	0.6	7.6					
6/23/92	W2						2,170	9.0E-02	7.6					

Table I-1A. (cont.)

Date	Station	Depth	Ammonia-nitrogen (mg/L)	Carbon dioxide (mg/L)	Chloride (mg/L)	Chloride (mg/L-dis)	Conductivity (µmho/c)	Dissolved oxygen, wt/vol (mg/L)	pH	Secchi depth (m)	Sulfate (mg/L)	Sulfate (mg/L-dis)	Sulfides (mg/L)	Sulfides (mg/L-dis)
6/23/92	W2						2,180	8.0E-02	7.6					
6/23/92	W2						2,100	8.0E-02	7.6					
6/23/92	W2						2,100	7.0E-02	7.6					
6/23/92	W2						2,150	6.0E-02	7.6					
6/24/92	W1R	0	1.9	5.2 R	480						133		1.0 U	
6/24/92	W1R	0F										127		1.0 U
6/24/92	W1R	3	2.0	5.6 R	482						122		1.0 U	
6/24/92	W1R	3F										137		1.0 U
6/24/92	W1R	6	2.0	4.7 R	479						129		1.0 UJ	
6/24/92	W1R	6F										130		1.0 U
6/24/92	W1R	9	1.9	9.5 R	516						118		1.0 U	
6/24/92	W1R	9F										134		1.0 U
6/24/92	W1R	12	2.3	13 R	478						140		1.0 UJ	
6/24/92	W1R	12F										129		1.0 U
6/24/92	W1R	15	2.6	19 R	470						114		1.0 U	
6/24/92	W1R	15F										109		1.0 U
6/24/92	W1R	18	2.9	13 R	468						113		1.4	
6/24/92	W1R	18F										115		3.6 J
6/24/92	W1R						2,130	7.3	7.8	5.3				
6/24/92	W1R						2,150	7.3	7.8					
6/24/92	W1R						2,170	7.2	7.8					
6/24/92	W1R						2,130	7.1	7.8					
6/24/92	W1R						2,130	7.0	7.8					
6/24/92	W1R						2,150	6.8	7.8					
6/24/92	W1R						2,210	6.0	7.7					
6/24/92	W1R						2,190	5.0	7.6					
6/24/92	W1R						2,250	2.4	7.5					
6/24/92	W1R						2,250	1.7	7.4					
6/24/92	W1R						2,210	0.8	7.4					
6/24/92	W1R						2,170	0.6	7.4					
6/24/92	W1R						2,150	0.1	7.4					
6/24/92	W1R						2,140	7.0E-02	7.4					
6/24/92	W1R						2,130	6.0E-02	7.4					
6/24/92	W1R						2,130	6.0E-02	7.4					
6/24/92	W1R						2,130	6.0E-02	7.4					
6/24/92	W1R						2,140	6.0E-02	7.4					
6/24/92	W1R						2,150	5.0E-02	7.4					
6/24/92	W1R						2,160	5.0E-02	7.4					
6/25/92	W1	0												
6/25/92	W1	3												
6/25/92	W1	6												
6/25/92	W1	9												
6/25/92	W1	12												

Table I-1A. (cont.)

Date	Station	Depth	Ammonia-nitrogen (mg/L)	Carbon dioxide (mg/L)	Chloride (mg/L)	Chloride (mg/L-dis)	Conductivity (µmho/c)	Dissolved oxygen, wt/vol (mg/L)	pH	Secchi depth (m)	Sulfate (mg/L)	Sulfate (mg/L-dis)	Sulfides (mg/L)	Sulfides (mg/L-dis)
6/25/92	W1	15												
6/25/92	W1	18												
6/25/92	W2	0												
6/25/92	W2	3												
6/25/92	W2	6												
6/25/92	W2	9												
6/25/92	W2	12												
6/25/92	W2	15												
6/25/92	W2	18												
7/21/92	W1	0	1.6	1.7 R	462						135 J		1.0 UJ	
7/21/92	W1	3	1.8	3.4 R	459						131 J		1.0 UJ	
7/21/92	W1	6	1.7 M	RM	452 M						128 M		1.0 UM	
7/21/92	W1	9	1.8	7.2 R	492						134 J		1.0 UJ	
7/21/92	W1	12	2.4	15 R	521						127 J		1.0 UJ	
7/21/92	W1	15	2.7	14 R	438						133 J		1.0 UJ	
7/21/92	W1	18	3.0		477						122 J		1.0 UJ	
7/21/92	W1			35			1,690	9.5	8.3	1.8				
7/21/92	W1						1,950	9.6	8.3					
7/21/92	W1						1,940	9.5	8.3					
7/21/92	W1			37			1,950	9.4	8.3					
7/21/92	W1						1,960	9.3	8.3					
7/21/92	W1						1,920	9.0	8.3					
7/21/92	W1			39			2,020	8.7	8.3					
7/21/92	W1						1,950	7.8	8.2					
7/21/92	W1						2,040	5.6	7.9					
7/21/92	W1						2,210	1.4	7.6					
7/21/92	W1						2,240	0.1	7.5					
7/21/92	W1						2,230	7.0E-02	7.5					
7/21/92	W1						2,240	5.0E-02	7.5					
7/21/92	W1						2,150	5.0E-02	7.5					
7/21/92	W1						2,160	5.0E-02	7.5					
7/21/92	W1						2,070	4.0E-02	7.5					
7/21/92	W1						2,090	4.0E-02	7.5					
7/21/92	W1						2,140	4.0E-02	7.5					
7/21/92	W1						1,990	3.0E-02	7.5					
7/21/92	W2	0	1.7	5.1 R	466						115 J		1.0 UJ	
7/21/92	W2	3	1.6	1.7 R	455						111 J		1.0 UJ	
7/21/92	W2	6	1.7	1.3 R	460						115 J		1.0 UJ	
7/21/92	W2	9	2.1	7.2 R	528						136 J		1.0 UJ	
7/21/92	W2	12	2.2	9.7 R	525						133 J		1.0 UJ	
7/21/92	W2	15	2.8	6.3 R	496						113 J		1.0 UJ	
7/21/92	W2	18	2.8	13 R	486						124 J		1.9 J	
7/21/92	W2						1,970	9.2	8.2	2.1				

Table I-1A. (cont.)

Date	Station	Depth	Ammonia-nitrogen (mg/L)	Carbon dioxide (mg/L)	Chloride (mg/L)	Chloride (mg/L-dis)	Conductivity (µmho/c)	Dissolved oxygen, wt/vol (mg/L)	pH	Secchi depth (m)	Sulfate (mg/L)	Sulfate (mg/L-dis)	Sulfides (mg/L)	Sulfides (mg/L-dis)
7/21/92	W2						1,970	9.2	8.3					
7/21/92	W2						1,940	9.2	8.3					
7/21/92	W2						1,960	9.2	8.3					
7/21/92	W2						1,980	9.1	8.3					
7/21/92	W2						2,000	9.0	8.3					
7/21/92	W2			32			2,030	5.9	8.0					
7/21/92	W2						2,190	2.9	7.7					
7/21/92	W2						2,230	2.2	7.6					
7/21/92	W2						2,280	1.6	7.6					
7/21/92	W2						2,300	0.3	7.5					
7/21/92	W2						2,230	0.1	7.5					
7/21/92	W2						2,180	5.0E-02	7.5					
7/21/92	W2						2,160	5.0E-02	7.5					
7/21/92	W2						2,100	5.0E-02	7.5					
7/21/92	W2						2,050	5.0E-02	7.5					
7/21/92	W2						2,080	4.0E-02	7.5					
7/21/92	W2						2,040	4.0E-02	7.4					
7/21/92	W2						2,170	5.0E-02	7.5					
7/22/92	W1R	0	1.8		463						130 J		1.0 UJ	
7/22/92	W1R	0F										122		1.0 UJ
7/22/92	W1R	12	2.7		540						124		1.0 UJ	
7/22/92	W1R	12F										65		1.0 UJ
7/22/92	W1R	15	2.9		505						123		1.0 UJ	
7/22/92	W1R	15F										120		1.0 UJ
7/22/92	W1R	18	2.6		479						116		1.4 J	
7/22/92	W1R	18F										115		1.8 J
7/22/92	W1R	3	1.8		471						124 J		1.0 UJ	
7/22/92	W1R	3F										121		1.0 UJ
7/22/92	W1R	6	1.8		462						125 J		1.0 UJ	
7/22/92	W1R	6F										124		1.0 UJ
7/22/92	W1R	9	1.8		538						132 J		1.0 UJ	
7/22/92	W1R	9F										130		1.0 UJ
7/22/92	W1R			32			1,930	9.4	8.2	1.8				
7/22/92	W1R						1,930	10	8.3					
7/22/92	W1R						1,940	10	8.3					
7/22/92	W1R			29			1,940	9.7	8.2					
7/22/92	W1R						1,930	9.1	8.2					
7/22/92	W1R						1,940	8.9	8.2					
7/22/92	W1R			27			1,940	8.5	8.1					
7/22/92	W1R						1,990	6.3	7.9					
7/22/92	W1R						2,060	4.8	7.7					
7/22/92	W1R			39			2,230	1.4	7.4					
7/22/92	W1R						2,280	0.1	7.3					

Table I-1A. (cont.)

Date	Station	Depth	Ammonia-nitrogen (mg/L)	Carbon dioxide (mg/L)	Chloride (mg/L)	Chloride (mg/L-dis)	Conductivity (µmho/c)	Dissolved oxygen, wt/vol (mg/L)	pH	Secchi depth (m)	Sulfate (mg/L)	Sulfate (mg/L-dis)	Sulfides (mg/L)	Sulfides (mg/L-dis)
7/22/92	W1R						2,240	3.0E-02	7.3					
7/22/92	W1R			33			2,180	3.0E-02	7.3					
7/22/92	W1R						2,160	3.0E-02	7.3					
7/22/92	W1R						2,150	3.0E-02	7.3					
7/22/92	W1R			47			2,150	2.0E-02	7.3					
7/22/92	W1R						2,050	3.0E-02	7.3					
7/22/92	W1R						2,170	3.0E-02	7.3					
7/22/92	W1R			65			2,160	3.0E-02	7.3					
7/30/92	W12		1.8 J		450						142			
7/30/92	W12						1,930	8.2	8.0					
7/30/92	W12						1,930	8.1	8.0					
7/30/92	W12						1,930	8.0	8.0					
7/30/92	W12						1,930	7.7	8.0					
7/30/92	W12						1,920	7.3	7.9					
8/18/92	W12		1.5 J		424						155			
8/18/92	W12						1,840	10	8.0					
8/18/92	W12						1,850	9.3	8.0					
8/18/92	W12						1,880	6.7	7.7					
8/18/92	W12						1,910	5.2	7.6					
8/18/92	W12						1,950	4.7	7.5					
8/24/92	W2	0	1.1		431						134		1.0 U	
8/24/92	W2	3	1.2		414						131		1.0 U	
8/24/92	W2	6	1.3		425						129		1.0 U	
8/24/92	W2	9	1.9		488						138		1.0 U	
8/24/92	W2	12	2.9		519						131		1.0 UJ	
8/24/92	W2	15	3.2		500						129		1.7	
8/24/92	W2	18	3.9		496						124		7.1	
8/24/92	W2			21			1,830	13	7.3	2.1				
8/24/92	W2						1,820	14	7.3					
8/24/92	W2						1,820	14	7.4					
8/24/92	W2			22			1,840	13	7.3					
8/24/92	W2						1,850	11	7.3					
8/24/92	W2						1,860	8.7	7.2					
8/24/92	W2			33			1,920	5.4	6.8					
8/24/92	W2						2,060	3.6	6.7					
8/24/92	W2						2,090	1.1	6.5					
8/24/92	W2			43			2,090	0.6	6.5					
8/24/92	W2						2,170	6.0E-02	6.5					
8/24/92	W2						2,230	4.0E-02	6.4					
8/24/92	W2			41			2,180	3.0E-02	6.4					
8/24/92	W2						2,140	3.0E-02	6.3					
8/24/92	W2						2,170	3.0E-02	6.3					
8/24/92	W2			66			2,140	3.0E-02	6.3					
8/24/92	W2						2,130	3.0E-02	6.2					

Table I-1A. (cont.)

Date	Station	Depth	Ammonia-nitrogen (mg/L)	Carbon dioxide (mg/L)	Chloride (mg/L)	Chloride (mg/L-dis)	Conductivity (µmho/c)	Dissolved oxygen, wt/vol (mg/L)	pH	Secchi depth (m)	Sulfate (mg/L)	Sulfate (mg/L-dis)	Sulfides (mg/L)	Sulfides (mg/L-dis)
8/24/92	W2			84			2,120	3.0E-02	6.2					
8/25/92	W1	0	1.0		405						138		1.0 UJ	
8/25/92	W1	0F										141		1.0 UJ
8/25/92	W1	12	2.3		539						149		1.0 U	
8/25/92	W1	12F										145		1.0 UJ
8/25/92	W1	15	3.1		502						146		4.8 J	
8/25/92	W1	15F										129		2.3 J
8/25/92	W1	18	3.3		499						134		11	
8/25/92	W1	18F										123		6.1 J
8/25/92	W1	3	1.0		424						146		1.0 U	
8/25/92	W1	3F										143		1.0 UJ
8/25/92	W1	6	1.1		432						135		1.0 U	
8/25/92	W1	6F										132		1.0 UJ
8/25/92	W1	9	1.5 M		495 M						142 M		1.0 UM	
8/25/92	W1	9F										140		1.0 UJ
8/25/92	W1			30			1,630	14	8.2					
8/25/92	W1						1,640	14	8.2	1.5				
8/25/92	W1						1,690	13	8.1					
8/25/92	W1			31			1,710	12	8.1					
8/25/92	W1						1,700	8.0	7.9					
8/25/92	W1						1,710	7.4	8.0					
8/25/92	W1			45			1,850	3.8	7.6					
8/25/92	W1						1,910	1.8	7.4					
8/25/92	W1						1,900	0.5	7.4					
8/25/92	W1			44			1,990	0.7	7.4					
8/25/92	W1						1,990	4.0E-02	7.4					
8/25/92	W1						2,140	0.1	7.3					
8/25/92	W1			53			2,090	3.0E-02	7.3					
8/25/92	W1						1,970	2.0E-02	7.3					
8/25/92	W1						1,970	2.0E-02	7.2					
8/25/92	W1			59			1,960	2.0E-02	7.2					
8/25/92	W1						1,950	2.0E-02	7.2					
8/25/92	W1						1,950	2.0E-02	7.2					
8/25/92	W1			80			1,960	2.0E-02	7.1					
8/29/92	W12	1	0.3		154						101			
8/29/92	W12	5	0.3		158						70			
8/29/92	W12	10	1.5		477						153			
8/29/92	W12	15	1.6		486						156			
9/17/92	W12		1.7	4.0	460						130			
9/17/92	W12						1,880	15	8.2					
9/17/92	W12						1,900	14	8.1					
9/17/92	W12						1,910	13	8.1					
9/17/92	W12						1,950	7.0	7.9					
9/17/92	W12						1,990	3.8	7.6					

Table I-1A. (cont.)

Date	Station	Depth	Ammonia-nitrogen (mg/L)	Carbon dioxide (mg/L)	Chloride (mg/L)	Chloride (mg/L-dis)	Conductivity (µmho/c)	Dissolved oxygen, wt/vol (mg/L)	pH	Secchi depth (m)	Sulfate (mg/L)	Sulfate (mg/L-dis)	Sulfides (mg/L)	Sulfides (mg/L-dis)
9/21/92	W2	0	1.7 J		449						148 J		1.0 U	
9/21/92	W2	0		15			7,846	8.0	8.0					
9/21/92	W2	0F										139 J		1.0 U
9/21/92	W2	1					1,970	8.0	8.0					
9/21/92	W2	10					2,220	1.6	7.5					
9/21/92	W2	11					2,330	0.2	7.5					
9/21/92	W2	12	3.2 J		554						154 J		1.0 U	
9/21/92	W2	12		28			2,220	0.1	7.4					
9/21/92	W2	12F										134 J		1.0 U
9/21/92	W2	13					2,130	6.0E-02	7.3					
9/21/92	W2	14					2,080	8.0E-02	7.3					
9/21/92	W2	15	4.4		493						164 J		4.7	
9/21/92	W2	15		52			2,140	8.0E-02	7.3					
9/21/92	W2	15F										145 J		5.5
9/21/92	W2	16					2,160	7.0E-02	7.3					
9/21/92	W2	17					2,140	7.0E-02	7.2					
9/21/92	W2	18	5.2		486						127 J		6.2	
9/21/92	W2	18		35			2,150	8.0E-02	7.2					
9/21/92	W2	18F										125 J		7.7
9/21/92	W2	2					1,980	7.9	8.0					
9/21/92	W2	3	1.9 J		456						144 J		10	
9/21/92	W2	3		20			1,970	7.8	8.0					
9/21/92	W2	3F										150 J		1.0 U
9/21/92	W2	4					1,990	7.7	8.0					
9/21/92	W2	5					1,990	7.7	8.0					
9/21/92	W2	6	2.3 J		460						164 J		1.0 U	
9/21/92	W2	6		15			1,970	7.6	8.0					
9/21/92	W2	6F										145 J		1.0 U
9/21/92	W2	7					1,980	7.6	8.0					
9/21/92	W2	8		26			1,990	6.7	7.9					
9/21/92	W2	9	2.1 M		470 M						149 M		1.0 UM	
9/21/92	W2	9		30			2,140	2.7	7.6					
9/21/92	W2	9F										146 J		1.0 U
9/21/92	W2			15 J			7,846 R	8.0	8.0	2.5				
9/21/92	W2						1,970	8.0	8.0					
9/21/92	W2						1,980	7.9	8.0					
9/21/92	W2			20 J			1,970	7.8	8.0					
9/21/92	W2						1,990	7.7	8.0					
9/21/92	W2						1,990	7.7	8.0					
9/21/92	W2			15 J			1,970	7.6	8.0					
9/21/92	W2						1,980	7.6	8.0					
9/21/92	W2						1,990	6.7	7.9					
9/21/92	W2			26 J			2,140	2.7	7.6					

Table I-1A. (cont.)

Date	Station	Depth	Ammonia-nitrogen (mg/L)	Carbon dioxide (mg/L)	Chloride (mg/L)	Chloride (mg/L-dis)	Conductivity (µmho/c)	Dissolved oxygen, wt/vol (mg/L)	pH	Secchi depth (m)	Sulfate (mg/L)	Sulfate (mg/L-dis)	Sulfides (mg/L)	Sulfides (mg/L-dis)
9/21/92	W2						2,220	1.6	7.5					
9/21/92	W2						2,330	0.2	7.5					
9/21/92	W2			28 J			2,220	0.1	7.4					
9/21/92	W2						2,130	0.1	7.3					
9/21/92	W2						2,080	0.1	7.3					
9/21/92	W2			52 J			2,140	0.1	7.3					
9/21/92	W2						2,160	0.1	7.3					
9/21/92	W2						2,140	0.1	7.2					
9/21/92	W2			35 J			2,150	0.1	7.2					
9/22/92	W1	0	1.7		462						125 J		1.0 UJ	
9/22/92	W1	0		26			1,980	7.1	7.9					
9/22/92	W1	1					1,980	7.0	7.8					
9/22/92	W1	10					2,110	1.3	7.6					
9/22/92	W1	11					2,200	0.2	7.4					
9/22/92	W1	12	2.4		534						140 J		1.0 UJ	
9/22/92	W1	12		25			2,200	0.1	7.4					
9/22/92	W1	13					2,160	0.1	7.4					
9/22/92	W1	14					2,160	0.1	7.3					
9/22/92	W1	15	3.4		514						158 J		3.0 J	
9/22/92	W1	15		40			2,120	0.1	7.3					
9/22/92	W1	16					2,120	0.1	7.3					
9/22/92	W1	17					2,110	0.1	7.2					
9/22/92	W1	18	5.5		488						137 J		1.0 UJ	
9/22/92	W1	18		40			2,100	0.1	7.2					
9/22/92	W1	19					2,120	0.1	7.2					
9/22/92	W1	2					1,980	7.0	7.9					
9/22/92	W1	3	1.7		466						147 J		1.0 UJ	
9/22/92	W1	3		24			1,990	6.9	7.9					
9/22/92	W1	4					1,970	6.9	7.9					
9/22/92	W1	5					1,990	6.8	7.9					
9/22/92	W1	6	1.5		466						157 J		1.0 UJ	
9/22/92	W1	6		26			1,990	6.6	7.9					
9/22/92	W1	7					1,970	6.6	7.9					
9/22/92	W1	8					1,970	6.5	7.9					
9/22/92	W1	9	1.6		466						170 J		1.0 UJ	
9/22/92	W1	9		30			2,010	6.4	7.9					
9/22/92	W1			26 J			1,980	7.1	7.9	2.8				
9/22/92	W1						1,980	7.0	7.9					
9/22/92	W1						1,980	7.0	7.9					
9/22/92	W1			24 J			1,990	6.9	7.9					
9/22/92	W1						1,970	6.9	7.9					
9/22/92	W1						1,990	6.8	7.9					
9/22/92	W1			26 J			1,990	6.6	7.9					

Table I-1A. (cont.)

Date	Station	Depth	Ammonia-nitrogen (mg/L)	Carbon dioxide (mg/L)	Chloride (mg/L)	Chloride (mg/L-dis)	Conductivity (µmho/c)	Dissolved oxygen, wt/vol (mg/L)	pH	Secchi depth (m)	Sulfate (mg/L)	Sulfate (mg/L-dis)	Sulfides (mg/L)	Sulfides (mg/L-dis)
9/22/92	W1						1,970	6.6	7.9					
9/22/92	W1						1,970	6.5	7.9					
9/22/92	W1			30 J			2,010	6.4	7.9					
9/22/92	W1						2,110	1.3	7.6					
9/22/92	W1						2,200	0.2	7.4					
9/22/92	W1			25 J			2,200	0.1	7.4					
9/22/92	W1						2,160	0.1	7.4					
9/22/92	W1						2,160	0.1	7.3					
9/22/92	W1			40 J			2,120	0.1	7.3					
9/22/92	W1						2,120	0.1	7.3					
9/22/92	W1						2,110	0.1	7.2					
9/22/92	W1			40 J			2,100	0.1	7.2					
9/22/92	W1						2,120	0.1	7.2					
9/27/92	W12	1	0.6 J		179						157			
9/27/92	W12	10	1.8 J		467						188			
9/27/92	W12	15	2.0 J		478						205			
9/27/92	W12	5	0.7 J		295						155			
10/7/92	W12		2.2		489						205			
10/7/92	W12						2,080	7.7	7.8					
10/7/92	W12						2,070	7.7	7.8					
10/7/92	W12						2,080	7.6	7.8					
10/7/92	W12						2,080	7.5	7.8					
10/7/92	W12						2,080	7.5	7.8					
10/7/92	W12						2,080	7.4	7.8					
10/12/92	W1	15	3.7		520						155		1.0 U	
10/12/92	W1	3	2.4		491						183		1.0 U	
10/12/92	W1	9	2.3		485						160		1.0 U	
10/12/92	W1						2,080	8.7	7.8	2.5				
10/12/92	W1						2,090	8.7	7.8					
10/12/92	W1						2,090	8.5	7.8					
10/12/92	W1			45			2,090	8.6	7.8					
10/12/92	W1						2,090	8.5	7.8					
10/12/92	W1						2,070	8.4	7.8					
10/12/92	W1						2,080	8.4	7.8					
10/12/92	W1						2,030	8.4	7.8					
10/12/92	W1						2,090	8.4	7.8					
10/12/92	W1			42			2,100	8.2	7.8					
10/12/92	W1						2,090	7.8	7.8					
10/12/92	W1						2,140	5.3	7.6					
10/12/92	W1						2,170	3.9	7.5					
10/12/92	W1						2,180	1.4	7.4					
10/12/92	W1						2,230	0.2	7.4					
10/12/92	W1			49			2,240	0.1	7.3					

Table I-1A. (cont.)

Date	Station	Depth	Ammonia-nitrogen (mg/L)	Carbon dioxide (mg/L)	Chloride (mg/L)	Chloride (mg/L-dis)	Conductivity (µmho/c)	Dissolved oxygen, wt/vol (mg/L)	pH	Secchi depth (m)	Sulfate (mg/L)	Sulfate (mg/L-dis)	Sulfides (mg/L)	Sulfides (mg/L-dis)
10/12/92	W1						2,280	0.1	7.2					
10/12/92	W1						2,220	0.1	7.2					
10/12/92	W1						2,260	0.1	7.1					
10/12/92	W2	15	3.8		520						157		1.0 U	
10/12/92	W2	15F										170 J		4.2
10/12/92	W2	3	2.3		459						160		1.0 U	
10/12/92	W2	3F										251 J		1.0 U
10/12/92	W2	9	2.2		466						177		1.0 U	
10/12/92	W2	9F										203 J		1.0 U
10/12/92	W2						2,080	10	7.9	2.3				
10/12/92	W2						2,090	9.7	7.9					
10/12/92	W2						2,090	9.5	7.9					
10/12/92	W2			42			2,090	9.4	7.9					
10/12/92	W2						2,090	9.5	7.9					
10/12/92	W2						2,090	9.4	7.9					
10/12/92	W2						2,090	9.4	7.9					
10/12/92	W2						2,090	9.2	7.9					
10/12/92	W2						2,090	9.0	7.9					
10/12/92	W2			36			2,090	8.0	7.9					
10/12/92	W2						2,180	3.3	7.5					
10/12/92	W2						2,180	1.0	7.4					
10/12/92	W2						2,200	0.2	7.4					
10/12/92	W2						2,220	0.1	7.4					
10/12/92	W2						2,280	0.4	7.4					
10/12/92	W2			35			2,220	0.1	7.2					
10/12/92	W2						2,210	0.1	7.1					
10/12/92	W2						2,220	0.1	7.1					
10/12/92	W2						2,220	0.1	7.1					
10/18/92	W12	1	2.9		477						143			
10/18/92	W12	10	3.0		488						155			
10/18/92	W12	15	2.8		485						138			
10/18/92	W12	5	2.8		484						130			
11/11/92	W12		3.0 J		499						133			
11/11/92	W12						2,110	7.7	7.5					
11/11/92	W12						2,130	7.4	7.5					
11/11/92	W12						2,120	7.3	7.5					
11/11/92	W12						2,110	7.3	7.5					
11/11/92	W12						2,140	7.2	7.5					
11/11/92	W12						2,120	7.2	7.5					
11/16/92	W1	15	3.4 J		505						134		1.0 U	
11/16/92	W1	3	3.6 J		480						135		1.0 U	
11/16/92	W1	9	3.8 M		493 M						137 M		1.0 UM	
11/16/92	W1						2,100	8.0	7.5					

Table I-1A. (cont.)

Date	Station	Depth	Ammonia-nitrogen (mg/L)	Carbon dioxide (mg/L)	Chloride (mg/L)	Chloride (mg/L-dis)	Conductivity (µmho/c)	Dissolved oxygen, wt/vol (mg/L)	pH	Secchi depth (m)	Sulfate (mg/L)	Sulfate (mg/L-dis)	Sulfides (mg/L)	Sulfides (mg/L-dis)
11/16/92	W1						2,120	7.9	7.6					
11/16/92	W1						2,120	7.9	7.6					
11/16/92	W1			66			2,140	7.9	7.6					
11/16/92	W1						2,130	7.9	7.6					
11/16/92	W1						2,120	7.9	7.6					
11/16/92	W1						2,120	7.9	7.6					
11/16/92	W1						2,140	7.9	7.6					
11/16/92	W1						2,160	7.9	7.6					
11/16/92	W1			78			2,190	7.9	7.6					
11/16/92	W1						2,160	7.9	7.6					
11/16/92	W1						2,130	7.9	7.7					
11/16/92	W1						2,110	7.9	7.7					
11/16/92	W1						2,170	7.9	7.7					
11/16/92	W1						2,160	7.9	7.7					
11/16/92	W1			51			2,100	7.9	7.7					
11/16/92	W1						2,100	7.9	7.7					
11/16/92	W1						2,070	7.9	7.7					
11/16/92	W1						2,090	7.8	7.7					
11/16/92	W2	15	3.4 J		510						185		1.0 U	
11/16/92	W2	15F										154		1.0 U
11/16/92	W2	3	3.5 J		495						161		1.0 U	
11/16/92	W2	3F										132		1.0 U
11/16/92	W2	9	3.4 J		491						150		1.0 U	
11/16/92	W2	9F										127		1.0 U
11/16/92	W2						13 R	15 R	8.0 R	5				
11/16/92	W2						2,140	8.2	7.8					
11/16/92	W2						2,140	8.1	7.8					
11/16/92	W2			58			2,140	8.0	7.8					
11/16/92	W2						2,140	8.0	7.8					
11/16/92	W2						2,140	8.0	7.8					
11/16/92	W2						2,140	8.0	7.8					
11/16/92	W2						2,140	8.0	7.8					
11/16/92	W2						2,150	8.0	7.8					
11/16/92	W2			58			2,150	8.0	7.8					
11/16/92	W2						2,150	8.0	7.8					
11/16/92	W2						2,150	8.0	7.8					
11/16/92	W2						2,150	7.9	7.8					
11/16/92	W2						2,150	7.9	7.8					
11/16/92	W2						2,150	7.9	7.8					
11/16/92	W2			55			2,180	7.9	7.8					
11/16/92	W2						2,190	7.9	7.8					
11/16/92	W2						2,240	7.9	7.8					
11/16/92	W2						2,540	8.4	7.8					

Table I-1A. (cont.)

Date	Station	Depth	Ammonia-nitrogen (mg/L)	Carbon dioxide (mg/L)	Chloride (mg/L)	Chloride (mg/L-dis)	Conductivity (μmho/c)	Dissolved oxygen, wt/vol (mg/L)	pH	Secchi depth (m)	Sulfate (mg/L)	Sulfate (mg/L-dis)	Sulfides (mg/L)	Sulfides (mg/L-dis)
11/16/92	W2						2,680	8.9	7.8					
11/24/92	W12	1	2.9		492						153			
11/24/92	W12	10	2.9		501						154			
11/24/92	W12	15	2.9		501						151			
11/24/92	W12	5	2.9		486						153			
12/9/92	W12		2.5		456						156			
12/9/92	W12						2,140	9.4	7.6					
12/9/92	W12						2,150	9.3	7.6					
12/9/92	W12						2,190	9.3	7.6					
12/9/92	W12						2,250	9.2	7.6					
12/9/92	W12						2,160	9.7	7.6					
12/18/92	W12	1	3.0		479						143			
12/18/92	W12	10	2.7		490						159			
12/18/92	W12	15	2.8		488						160			
12/18/92	W12	5	2.7		481						161			

Table I-1A. (cont.)

Date	Station	Depth	Total alkalinity (mg/L)	Total alkalinity (mg/L-dis)	Total inorganic carbon (mg/L)	Total organic carbon (mg/L)	Total solids (mg/L)	Total suspended solids (mg/L-sus)	Discharge instantaneous (cfs)	Temperature (degC)	Total inorganic carbon (mg/L-dis)	Total organic carbon (mg/L-dis)
4/8/92	W2	3	181		37	1 U		7.6				
4/8/92	W2	9	185		25	6		7.4				
4/8/92	W2	15	366		37	12		6.8				
4/8/92	W2									4.3		
4/8/92	W2									4.2		
4/8/92	W2									4.2		
4/8/92	W2									4.2		
4/8/92	W2									4.1		
4/8/92	W2									4.1		
4/8/92	W2									3.9		
4/8/92	W2									3.5		
4/8/92	W2									3.2		
4/8/92	W2									3.2		
4/13/92	W1	15	183		43	38		10				
4/13/92	W1	15F		188							46	5.4
4/13/92	W1	3	184		47	8.1		11				
4/13/92	W1	3F		184							36	6.2
4/13/92	W1	9	182 M		44 M	8.4 M		11 M				
4/13/92	W1	9F		188							35	5.3
4/13/92	W1									5.0		
4/13/92	W1									5.0		
4/13/92	W1									4.8		
4/13/92	W1									4.7		
4/13/92	W1									4.7		
4/13/92	W1									4.7		
4/13/92	W1									4.7		
4/13/92	W1									4.7		
4/13/92	W1									4.7		
4/13/92	W1R		188		47	5.3		11				
4/25/92	W12		178		40	6.6		7				
4/25/92	W12									8.5		
4/25/92	W12									7.5		
4/25/92	W12									7.4		
5/26/92	W2	0	152		39	5.7 J		3.2				
5/26/92	W2	12	194		51	6.1		2.8				
5/26/92	W2	15	191		47	4.8		4.7				
5/26/92	W2	18	187		47	5.9		4.0				
5/26/92	W2	3	162		37	6.5 J		3.3				
5/26/92	W2	6	167		37	5.1 J		2.6				
5/26/92	W2	9	185		45	5.2		3.0				
5/26/92	W2									17		
5/26/92	W2									17		

Table I-1A. (cont.)

Date	Station	Depth	Total alkalinity (mg/L)	Total alkalinity (mg/L-dis)	Total inorganic carbon (mg/L)	Total organic carbon (mg/L)	Total solids (mg/L)	Total suspended solids (mg/L-sus)	Discharge instantaneous (cfs)	Temperature (degC)	Total inorganic carbon (mg/L-dis)	Total organic carbon (mg/L-dis)
5/26/92	W2									17		
5/26/92	W2									16		
5/26/92	W2									15		
5/26/92	W2									15		
5/26/92	W2									14		
5/26/92	W2									12		
5/26/92	W2									11		
5/26/92	W2									11		
5/26/92	W2									9.6		
5/26/92	W2									9.5		
5/26/92	W2									9.1		
5/26/92	W2									8.1		
5/26/92	W2									8.0		
5/26/92	W2									7.9		
5/26/92	W2									7.8		
5/26/92	W2									7.7		
5/27/92	W1	0	159		42	5.0		1.0				
5/27/92	W1	12	173		44	5.2		2.3				
5/27/92	W1	15	189 M		48 M	5.6 M		3.5 M				
5/27/92	W1	18	188		51	5.8		3.1				
5/27/92	W1	3	155		40	5.6		2.7				
5/27/92	W1	6	156		41	6.5		1.0				
5/27/92	W1	9	153		44	5.0		1.7				
5/27/92	W1									17		
5/27/92	W1									17		
5/27/92	W1									17		
5/27/92	W1									17		
5/27/92	W1									17		
5/27/92	W1									17		
5/27/92	W1									15		
5/27/92	W1									14		
5/27/92	W1									13		
5/27/92	W1									10		
5/27/92	W1									9.5		
5/27/92	W1									8.9		
5/27/92	W1									8.6		
5/27/92	W1									8.3		
5/27/92	W1									7.8		
5/27/92	W1									7.7		
5/27/92	W1									7.7		
5/27/92	W1									7.5		
5/27/92	W12		162		41	4.7		7.0				
5/27/92	W12									15 J		

Table I-1A. (cont.)

Date	Station	Depth	Total alkalinity (mg/L)	Total alkalinity (mg/L-dis)	Total inorganic carbon (mg/L)	Total organic carbon (mg/L)	Total solids (mg/L)	Total suspended solids (mg/L-sus)	Discharge instantaneous (cfs)	Temperature (degC)	Total inorganic carbon (mg/L-dis)	Total organic carbon (mg/L-dis)
5/28/92	W1R	0	155		42	7.3		3.4				
5/28/92	W1R	0F		158							41	4.9
5/28/92	W1R	12	160		39	5.1		2.0				
5/28/92	W1R	12F		189							9.8	5.3
5/28/92	W1R	15	162		31	4.6		2.7				
5/28/92	W1R	15F		188							38	5.4
5/28/92	W1R	18	165		40	7.6		6.2				
5/28/92	W1R	18F		184							41	5.0
5/28/92	W1R	3	166		43	5.7		2.1				
5/28/92	W1R	3F		160							38	7.0
5/28/92	W1R	6	157		47	5.6		1.9				
5/28/92	W1R	6F		172							40	7.4
5/28/92	W1R	9	166		38	4.6		1.5				
5/28/92	W1R	9F		183							46	4.0
5/28/92	W1R									17		
5/28/92	W1R									17		
5/28/92	W1R									17		
5/28/92	W1R									17		
5/28/92	W1R									16		
5/28/92	W1R									16		
5/28/92	W1R									16		
5/28/92	W1R									14		
5/28/92	W1R									13		
5/28/92	W1R									12		
5/28/92	W1R									9.8		
5/28/92	W1R									9.2		
5/28/92	W1R									8.6		
5/28/92	W1R									8.0		
5/28/92	W1R									7.8		
5/28/92	W1R									7.6		
5/28/92	W1R									7.5		
5/28/92	W1R									7.4		
5/28/92	W1R									7.3		
6/19/92	W12		142		35	7.2		11				
6/19/92	W12								210	23		
6/19/92	W12									23		
6/19/92	W12									23		
6/19/92	W12									23		
6/19/92	W12											
6/19/92	W12											
6/19/92	W12											
6/23/92	W1	0	167		41 M	6.5 M						
6/23/92	W1	3	165		44 M	6.5 M						

Table I-1A. (cont.)

Date	Station	Depth	Total alkalinity (mg/L)	Total alkalinity (mg/L-dis)	Total inorganic carbon (mg/L)	Total organic carbon (mg/L)	Total solids (mg/L)	Total suspended solids (mg/L-sus)	Discharge instantaneous (cfs)	Temperature (degC)	Total inorganic carbon (mg/L-dis)	Total organic carbon (mg/L-dis)
6/23/92	W1	6	167		42 M	4.7 M						
6/23/92	W1	9	173		44	5.7						
6/23/92	W1	12	191		49 M	4.9 M						
6/23/92	W1	15	195		50 M	5.2 M						
6/23/92	W1	18	201		52 M	5.5 M						
6/23/92	W1									19		
6/23/92	W1									19		
6/23/92	W1									18		
6/23/92	W1									18		
6/23/92	W1									18		
6/23/92	W1									18		
6/23/92	W1									18		
6/23/92	W1									18		
6/23/92	W1									15		
6/23/92	W1									13		
6/23/92	W1									11		
6/23/92	W1									10		
6/23/92	W1									9.3		
6/23/92	W1									9.0		
6/23/92	W1									8.7		
6/23/92	W1									8.4		
6/23/92	W1									8.3		
6/23/92	W1									8.1		
6/23/92	W2	0	173		42 M	7.9 M						
6/23/92	W2	3	165		38 M	18 M						
6/23/92	W2	6	173		43 M	7.1 M						
6/23/92	W2	9	183		46 M	6.0 M						
6/23/92	W2	12	185		48 M	5.7 M						
6/23/92	W2	15	197		50 M	5.4 M						
6/23/92	W2	18	195		53 M	5.2 M						
6/23/92	W2									18		
6/23/92	W2									18		
6/23/92	W2									18		
6/23/92	W2									18		
6/23/92	W2									18		
6/23/92	W2									18		
6/23/92	W2									17		
6/23/92	W2									17		
6/23/92	W2									15		
6/23/92	W2									13		
6/23/92	W2									12		
6/23/92	W2									11		
6/23/92	W2									11		
6/23/92	W2									8.5		

Table I-1A. (cont.)

Date	Station	Depth	Total alkalinity (mg/L)	Total alkalinity (mg/L-dis)	Total inorganic carbon (mg/L)	Total organic carbon (mg/L)	Total solids (mg/L)	Total suspended solids (mg/L-sus)	Discharge instantaneous (cfs)	Temperature (degC)	Total inorganic carbon (mg/L-dis)	Total organic carbon (mg/L-dis)
6/23/92	W2									8.3		
6/23/92	W2									8.3		
6/23/92	W2									8.2		
6/23/92	W2									8.2		
6/24/92	W1R	0	171		41	6.2		1.9				
6/24/92	W1R	0F									40	6.1
6/24/92	W1R	3	174		42	6.4		1.9				
6/24/92	W1R	3F		172							41	6.7
6/24/92	W1R	6	175		37	6.0		1.7				
6/24/92	W1R	6F		173							43	6.2
6/24/92	W1R	9	186		46	6.0		2.1				
6/24/92	W1R	9F		186							48	4.9
6/24/92	W1R	12	193		49	5.1		2.2				
6/24/92	W1R	12F		192							47	4.7
6/24/92	W1R	15	202		48	4.9		3.3				
6/24/92	W1R	15F		202							50	4.9
6/24/92	W1R	18	206		52	4.5		2.9				
6/24/92	W1R	18F		212							41	5.4
6/24/92	W1R									19		
6/24/92	W1R									19		
6/24/92	W1R									19		
6/24/92	W1R									19		
6/24/92	W1R									18		
6/24/92	W1R									18		
6/24/92	W1R									18		
6/24/92	W1R									17		
6/24/92	W1R									15		
6/24/92	W1R									14		
6/24/92	W1R									13		
6/24/92	W1R									11		
6/24/92	W1R									9.8		
6/24/92	W1R									9.0		
6/24/92	W1R									8.7		
6/24/92	W1R									8.4		
6/24/92	W1R									8.2		
6/24/92	W1R									8.0		
6/24/92	W1R									7.8		
6/24/92	W1R									7.7		
6/25/92	W1	0						1.2				
6/25/92	W1	3						1.4				
6/25/92	W1	6						1.6				
6/25/92	W1	9						1.7				
6/25/92	W1	12						1.1				

Table I-1A. (cont.)

Date	Station	Depth	Total alkalinity (mg/L)	Total alkalinity (mg/L-dis)	Total inorganic carbon (mg/L)	Total organic carbon (mg/L)	Total solids (mg/L)	Total suspended solids (mg/L-sus)	Discharge instantaneous (cfs)	Temperature (degC)	Total inorganic carbon (mg/L-dis)	Total organic carbon (mg/L-dis)
6/25/92	W1	15						2.0				
6/25/92	W1	18						2.1				
6/25/92	W2	0						1.5				
6/25/92	W2	3						1.7				
6/25/92	W2	6						1.0				
6/25/92	W2	9						1.8				
6/25/92	W2	12						1.3				
6/25/92	W2	15						2.3				
6/25/92	W2	18						1.9				
7/21/92	W1	0	166		40	5.7 J		5.9				
7/21/92	W1	3	169		42	5.7 J		3.5				
7/21/92	W1	6	168 M		43 M	5.3 M		2.3 M				
7/21/92	W1	9	174		46	4.6 J		1.2				
7/21/92	W1	12	199		55	4.0 J		2.5				
7/21/92	W1	15	201		58	4.1 J		1.5				
7/21/92	W1	18	204		55	4.4 J		2.8				
7/21/92	W1									23		
7/21/92	W1									23		
7/21/92	W1									23		
7/21/92	W1									23		
7/21/92	W1									22		
7/21/92	W1									22		
7/21/92	W1									22		
7/21/92	W1									22		
7/21/92	W1									20		
7/21/92	W1									17		
7/21/92	W1									14		
7/21/92	W1									13		
7/21/92	W1									11		
7/21/92	W1									10		
7/21/92	W1									9.6		
7/21/92	W1									9.1		
7/21/92	W1									8.8		
7/21/92	W1									8.8		
7/21/92	W1									8.7		
7/21/92	W2	0	169		38	6.4 J		4.7				
7/21/92	W2	3	166		45	5.9 J		3.0				
7/21/92	W2	6	168		43	5.4 J		3.8				
7/21/92	W2	9	177		49	4.7 J		1.3				
7/21/92	W2	12	192		53	4.7 J		1.3				
7/21/92	W2	15	204		53	4.6 J		2.3				
7/21/92	W2	18	206		58	4.8 J		2.3				
7/21/92	W2									22		

Table I-1A. (cont.)

Date	Station	Depth	Total alkalinity (mg/L)	Total alkalinity (mg/L-dis)	Total inorganic carbon (mg/L)	Total organic carbon (mg/L)	Total solids (mg/L)	Total suspended solids (mg/L-sus)	Discharge instantaneous (cfs)	Temperature (degC)	Total inorganic carbon (mg/L-dis)	Total organic carbon (mg/L-dis)
7/21/92	W2									22		
7/21/92	W2									22		
7/21/92	W2									22		
7/21/92	W2									22		
7/21/92	W2									22		
7/21/92	W2									21		
7/21/92	W2									19		
7/21/92	W2									18		
7/21/92	W2									17		
7/21/92	W2									16		
7/21/92	W2									14		
7/21/92	W2									12		
7/21/92	W2									11		
7/21/92	W2									9.9		
7/21/92	W2									9.2		
7/21/92	W2									8.9		
7/21/92	W2									8.8		
7/21/92	W2									8.8		
7/22/92	W1R	0	168		43	5.2 J		4.8				
7/22/92	W1R	0F		164							42	5.5
7/22/92	W1R	12	189		49	5.3		2.7				
7/22/92	W1R	12F		195							55	4.7
7/22/92	W1R	15	201		55	5.3		3.6				
7/22/92	W1R	15F		201							55	5.2
7/22/92	W1R	18	202		63	5.3		3.0				
7/22/92	W1R	18F		207							57	5.7
7/22/92	W1R	3	165		42	5.2 J		3.9				
7/22/92	W1R	3F		168							44	5.8
7/22/92	W1R	6	171		42	5.7 J		4.1				
7/22/92	W1R	6F		169							46	5.9
7/22/92	W1R	9	185		43	6.2		1.5				
7/22/92	W1R	9F		183							49	5.0
7/22/92	W1R									24		
7/22/92	W1R									23		
7/22/92	W1R									22		
7/22/92	W1R									22		
7/22/92	W1R									22		
7/22/92	W1R									22		
7/22/92	W1R									22		
7/22/92	W1R									21		
7/22/92	W1R									20		
7/22/92	W1R									17		
7/22/92	W1R									16		

Table I-1A. (cont.)

Date	Station	Depth	Total alkalinity (mg/L)	Total alkalinity (mg/L-dis)	Total inorganic carbon (mg/L)	Total organic carbon (mg/L)	Total solids (mg/L)	Total suspended solids (mg/L-sus)	Discharge instantaneous (cfs)	Temperature (degC)	Total inorganic carbon (mg/L-dis)	Total organic carbon (mg/L-dis)
7/22/92	W1R									13		
7/22/92	W1R									13		
7/22/92	W1R									12		
7/22/92	W1R									11		
7/22/92	W1R									9.9		
7/22/92	W1R									9.2		
7/22/92	W1R									8.8		
7/22/92	W1R									8.6		
7/30/92	W12		169		46	5.7		5.5				
7/30/92	W12								554	20		
7/30/92	W12									20		
7/30/92	W12									20		
7/30/92	W12									20		
7/30/92	W12									20		
8/18/92	W12		168		42	7.8 J		4.0 U				
8/18/92	W12								194	20		
8/18/92	W12									20		
8/18/92	W12									20		
8/18/92	W12									20		
8/18/92	W12									19		
8/24/92	W2	0	153		35	1.0 U		2.2				
8/24/92	W2	3	149		34	6.8		7.5				
8/24/92	W2	6	167		41	5.1		4.1				
8/24/92	W2	9	183		47	4.5		4.1				
8/24/92	W2	12	196		53	4.6		3.3				
8/24/92	W2	15	201		52	7.1		5.6				
8/24/92	W2	18	218		60	6.3		3.1				
8/24/92	W2									24		
8/24/92	W2									23		
8/24/92	W2									23		
8/24/92	W2									21		
8/24/92	W2									21		
8/24/92	W2									20		
8/24/92	W2									20		
8/24/92	W2									19		
8/24/92	W2									18		
8/24/92	W2									18		
8/24/92	W2									16		
8/24/92	W2									15		
8/24/92	W2									12		
8/24/92	W2									10		
8/24/92	W2									9.6		
8/24/92	W2									9.1		
8/24/92	W2									9.0		

Table I-1A. (cont.)

Date	Station	Depth	Total alkalinity (mg/L)	Total alkalinity (mg/L-dis)	Total inorganic carbon (mg/L)	Total organic carbon (mg/L)	Total solids (mg/L)	Total suspended solids (mg/L-sus)	Discharge instantaneous (cfs)	Temperature (degC)	Total inorganic carbon (mg/L-dis)	Total organic carbon (mg/L-dis)
8/24/92	W2									8.9		
8/25/92	W1	0	141		34	7.0		5.2				
8/25/92	W1	0F		152							32	7.3
8/25/92	W1	12	200		46	5.3		2.6				
8/25/92	W1	12F		205							45	4.9
8/25/92	W1	15	209		54	7.1		1.4				
8/25/92	W1	15F		212							51	12
8/25/92	W1	18	211		59	6.8		2.7				
8/25/92	W1	18F		219							56	5.7
8/25/92	W1	3	147		39	9.7		7.1				
8/25/92	W1	3F		160							35	6.4
8/25/92	W1	6	164		38	7.0		6.5				
8/25/92	W1	6F		178							46	4.8
8/25/92	W1	9	182 M		45 M	6.5 M		2.8 M				
8/25/92	W1	9F		188							48	4.7
8/25/92	W1									25		
8/25/92	W1									24		
8/25/92	W1									22		
8/25/92	W1									21		
8/25/92	W1									21		
8/25/92	W1									20		
8/25/92	W1									19		
8/25/92	W1									19		
8/25/92	W1									18		
8/25/92	W1									17		
8/25/92	W1									16		
8/25/92	W1									15		
8/25/92	W1									14		
8/25/92	W1									11		
8/25/92	W1									10		
8/25/92	W1									9.4		
8/25/92	W1									9.1		
8/25/92	W1									8.9		
8/25/92	W1									8.7		
8/29/92	W12	1	125		34 J	6.6		4.0				
8/29/92	W12	5	127		34	6.2		4.0 U				
8/29/92	W12	10	172		48	5.9		4.0 U				
8/29/92	W12	15	177		48	5.4		4.0 U				
9/17/92	W12		143		36	5.2		4.0 UJ				
9/17/92	W12								322	23		
9/17/92	W12									22		
9/17/92	W12									22		
9/17/92	W12									20		
9/17/92	W12									20		

Table I-1A. (cont.)

Date	Station	Depth	Total alkalinity (mg/L)	Total alkalinity (mg/L-dis)	Total inorganic carbon (mg/L)	Total organic carbon (mg/L)	Total solids (mg/L)	Total suspended solids (mg/L-sus)	Discharge instantaneous (cfs)	Temperature (degC)	Total inorganic carbon (mg/L-dis)	Total organic carbon (mg/L-dis)
9/21/92	W2	0	167		51	7.2		3.8				
9/21/92	W2	0								20		
9/21/92	W2	0F		165							42	7.0
9/21/92	W2	1								20		
9/21/92	W2	10								18		
9/21/92	W2	11								16		
9/21/92	W2	12	192		46	7.7		4.8				
9/21/92	W2	12								13		
9/21/92	W2	12F		212							58	5.9
9/21/92	W2	13								12		
9/21/92	W2	14								11		
9/21/92	W2	15	210		60	7.1		17				
9/21/92	W2	15								10		
9/21/92	W2	15F		219							67	6.7
9/21/92	W2	16								10		
9/21/92	W2	17								9.8		
9/21/92	W2	18	214		65	7.8		7.9				
9/21/92	W2	18								9.7		
9/21/92	W2	18F		234							64	6.1
9/21/92	W2	2								20		
9/21/92	W2	3	164		43	7.7		2.8				
9/21/92	W2	3								20		
9/21/92	W2	3F		166							43	8.6
9/21/92	W2	4								20		
9/21/92	W2	5								20		
9/21/92	W2	6	162		43	7.6		5.5				
9/21/92	W2	6								20		
9/21/92	W2	6F		167							44	7.1
9/21/92	W2	7								20		
9/21/92	W2	8								20		
9/21/92	W2	9	167 M		46 M	8.4 M		2.7 M				
9/21/92	W2	9								19		
9/21/92	W2	9F		165							41	7.9
9/21/92	W2									20		
9/21/92	W2									20		
9/21/92	W2									20		
9/21/92	W2									20		
9/21/92	W2									20		
9/21/92	W2									20		
9/21/92	W2									20		
9/21/92	W2									20		
9/21/92	W2									20		
9/21/92	W2									19		

Table I-1A. (cont.)

Date	Station	Depth	Total alkalinity (mg/L)	Total alkalinity (mg/L-dis)	Total inorganic carbon (mg/L)	Total organic carbon (mg/L)	Total solids (mg/L)	Total suspended solids (mg/L-sus)	Discharge instantaneous (cfs)	Temperature (degC)	Total inorganic carbon (mg/L-dis)	Total organic carbon (mg/L-dis)
9/21/92	W2									18		
9/21/92	W2									16		
9/21/92	W2									13		
9/21/92	W2									12		
9/21/92	W2									11		
9/21/92	W2									10		
9/21/92	W2									10		
9/21/92	W2									9.8		
9/21/92	W2									9.7		
9/22/92	W1	0	172		46	8.1		3.3				
9/22/92	W1	0								20		
9/22/92	W1	1								20		
9/22/92	W1	10								18		
9/22/92	W1	11								15		
9/22/92	W1	12	220		47	9.2		2.6				
9/22/92	W1	12								13		
9/22/92	W1	13								12		
9/22/92	W1	14								12		
9/22/92	W1	15	224		56	5.8		3.2				
9/22/92	W1	15								11		
9/22/92	W1	16								11		
9/22/92	W1	17								9.7		
9/22/92	W1	18	204		61	8.2		4.0				
9/22/92	W1	18								9.4		
9/22/92	W1	19								9.4		
9/22/92	W1	2								20		
9/22/92	W1	3	172		43	8.0		1.4				
9/22/92	W1	3								20		
9/22/92	W1	4								20		
9/22/92	W1	5								20		
9/22/92	W1	6	182		45	7.9		2.6				
9/22/92	W1	6								20		
9/22/92	W1	7								20		
9/22/92	W1	8								19		
9/22/92	W1	9	167		45	6.6		1.4				
9/22/92	W1	9								19		
9/22/92	W1									20		
9/22/92	W1									20		
9/22/92	W1									20		
9/22/92	W1									20		
9/22/92	W1									20		
9/22/92	W1									20		
9/22/92	W1									20		

Table I-1A. (cont.)

Date	Station	Depth	Total alkalinity (mg/L)	Total alkalinity (mg/L-dis)	Total inorganic carbon (mg/L)	Total organic carbon (mg/L)	Total solids (mg/L)	Total suspended solids (mg/L-sus)	Discharge instantaneous (cfs)	Temperature (degC)	Total inorganic carbon (mg/L-dis)	Total organic carbon (mg/L-dis)
9/22/92	W1									20		
9/22/92	W1									19		
9/22/92	W1									19		
9/22/92	W1									18		
9/22/92	W1									15		
9/22/92	W1									13		
9/22/92	W1									12		
9/22/92	W1									12		
9/22/92	W1									11		
9/22/92	W1									11		
9/22/92	W1									9.7		
9/22/92	W1									9.4		
9/22/92	W1									9.4		
9/27/92	W12	1	154		41 J	6.0		6.0				
9/27/92	W12	10	176		45 J	6.4		4.0 U				
9/27/92	W12	15	178		46 J	7.7		5.0				
9/27/92	W12	5	168		42 J	6.2		10				
10/7/92	W12		180		50	9.5		8.0				
10/7/92	W12								237	15		
10/7/92	W12									15		
10/7/92	W12									15		
10/7/92	W12									15		
10/7/92	W12									15		
10/7/92	W12									15		
10/12/92	W1	15	185		57	11		7.9				
10/12/92	W1	3	184		46	6.9		4.5				
10/12/92	W1	9	202		48	5.0		5.2				
10/12/92	W1									15		
10/12/92	W1									15		
10/12/92	W1									15		
10/12/92	W1									15		
10/12/92	W1									15		
10/12/92	W1									15		
10/12/92	W1									15		
10/12/92	W1									15		
10/12/92	W1									15		
10/12/92	W1									15		
10/12/92	W1									15		
10/12/92	W1									14		
10/12/92	W1									14		
10/12/92	W1									14		
10/12/92	W1									13		
10/12/92	W1									12		

Table I-1A. (cont.)

Date	Station	Depth	Total alkalinity (mg/L)	Total alkalinity (mg/L-dis)	Total inorganic carbon (mg/L)	Total organic carbon (mg/L)	Total solids (mg/L)	Total suspended solids (mg/L-sus)	Discharge instantaneous (cfs)	Temperature (degC)	Total inorganic carbon (mg/L-dis)	Total organic carbon (mg/L-dis)
10/12/92	W1									11		
10/12/92	W1									10		
10/12/92	W1									10		
10/12/92	W2	15	202		55	6.9		7.3				
10/12/92	W2	15F		218							63	5.6
10/12/92	W2	3	174		48	11		4.7				
10/12/92	W2	3F		176							43	5.7
10/12/92	W2	9	185		46	6.6		4.0				
10/12/92	W2	9F		176							44	8.0
10/12/92	W2									15		
10/12/92	W2									15		
10/12/92	W2									15		
10/12/92	W2									15		
10/12/92	W2									15		
10/12/92	W2									15		
10/12/92	W2									15		
10/12/92	W2									15		
10/12/92	W2									15		
10/12/92	W2									15		
10/12/92	W2									14		
10/12/92	W2									14		
10/12/92	W2									14		
10/12/92	W2									13		
10/12/92	W2									12		
10/12/92	W2									11		
10/12/92	W2									10		
10/12/92	W2									10		
10/12/92	W2									9.8		
10/18/92	W12	1	174		49	7.3		4.0 U				
10/18/92	W12	10	179		48	7.9		4.0 U				
10/18/92	W12	15	177		49	6.7		4.0 U				
10/18/92	W12	5	181		43	7.8		4.0 U				
11/11/92	W12		199		48	7.1		4.0 U				
11/11/92	W12								385	8.5		
11/11/92	W12									8.5		
11/11/92	W12									8.5		
11/11/92	W12									8.5		
11/11/92	W12									8.5		
11/11/92	W12									8.5		
11/16/92	W1	15	199		53	7.0	2.1 J					
11/16/92	W1	3	204		54	7.3		2.167				
11/16/92	W1	9	203 M		51 M	7.5 M	1.7 M					
11/16/92	W1									7.9		

Table I-1A. (cont.)

Date	Station	Depth	Total alkalinity (mg/L)	Total alkalinity (mg/L-dis)	Total inorganic carbon (mg/L)	Total organic carbon (mg/L)	Total solids (mg/L)	Total suspended solids (mg/L-sus)	Discharge instantaneous (cfs)	Temperature (degC)	Total inorganic carbon (mg/L-dis)	Total organic carbon (mg/L-dis)
11/16/92	W1									7.9		
11/16/92	W1									7.9		
11/16/92	W1									7.9		
11/16/92	W1									7.9		
11/16/92	W1									7.8		
11/16/92	W1									7.8		
11/16/92	W1									7.8		
11/16/92	W1									7.8		
11/16/92	W1									7.8		
11/16/92	W1									7.8		
11/16/92	W1									7.8		
11/16/92	W1									7.8		
11/16/92	W1									7.8		
11/16/92	W1									7.8		
11/16/92	W1									7.8		
11/16/92	W1									7.8		
11/16/92	W1									7.8		
11/16/92	W2	15	212		45	7.3	1.8 J					
11/16/92	W2	15F		204							53	8.9
11/16/92	W2	3	204		54	6.4	1.2 J					
11/16/92	W2	3F		208							51	5.7
11/16/92	W2	9	204		54	7.2	1.5 J					
11/16/92	W2	9F		204							42	8.5
11/16/92	W2									2.7 R		
11/16/92	W2									7.6		
11/16/92	W2									7.6		
11/16/92	W2									7.7		
11/16/92	W2									7.7		
11/16/92	W2									7.7		
11/16/92	W2									7.7		
11/16/92	W2									7.7		
11/16/92	W2									7.7		
11/16/92	W2									7.7		
11/16/92	W2									7.7		
11/16/92	W2									7.7		
11/16/92	W2									7.7		
11/16/92	W2									7.7		
11/16/92	W2									7.7		
11/16/92	W2									7.6		
11/16/92	W2									7.6		
11/16/92	W2									7.5		
11/16/92	W2									7.0		

Table I-1A. (cont.)

Date	Station	Depth	Total alkalinity (mg/L)	Total alkalinity (mg/L-dis)	Total inorganic carbon (mg/L)	Total organic carbon (mg/L)	Total solids (mg/L)	Total suspended solids (mg/L-sus)	Discharge instantaneous (cfs)	Temperature (degC)	Total inorganic carbon (mg/L-dis)	Total organic carbon (mg/L-dis)
11/16/92	W2									6.4		
11/24/92	W12	1	206		56	6.8		4.0 U				
11/24/92	W12	10	208		56	6.2		4.0 U				
11/24/92	W12	15	206		56	6.6		4.0 U				
11/24/92	W12	5	208		55	7.4		4.0 U				
12/9/92	W12		207		54 J	4.9		4.0				
12/9/92	W12								2,950	5.0		
12/9/92	W12									5.0		
12/9/92	W12									5.0		
12/9/92	W12									5.0		
12/9/92	W12									5.0		
12/18/92	W12	1	194		51	8.0		4.0 U				
12/18/92	W12	10	193		49	7.5		4.0 U				
12/18/92	W12	15	196		50	8.3		4.0 U				
12/18/92	W12	5	193		50	8.3		4.0 U				

Table I-1B. 1992 Onondaga Lake Surface Water, Metals

Date	Station	Depth	Aluminum (µg/L)	Antimony (µg/L)	Arsenic (µg/L)	Barium (µg/L)	Beryllium (µg/L)	Cadmium (µg/L)	Cadmium (µg/L-dis)	Calcium (µg/L)	Calcium (µg/L-dis)	Chromium (µg/L)	Chromium (µg/L-dis)	Cobalt (µg/L)
4/8/92	W2	15						2.0 U		158,000		4.0 U		
4/8/92	W2	3						2.0 U		151,000		4.0 U		
4/8/92	W2	9						2.0 U		154,000		4.0 U		
4/13/92	W1	15						2.0 U		151,000		4.0 U		
4/13/92	W1	15F									150,000			
4/13/92	W1	3						2.0 U		161,000		4.0 U		
4/13/92	W1	3F									153,000			
4/13/92	W1	9						2.0 UM		145,667 M		4.0 UM		
4/13/92	W1	9F									149,000			
4/13/92	W1R	9R						2.0 U		162,000		4.0 U		
4/25/92	W12							2.0 U		150,000		4.0 U		
5/26/92	W2	0						2.0 U		162,000		4.0 U		
5/26/92	W2	12						2.0 U		158,000		4.0 U		
5/26/92	W2	15						2.0 U		157,000		4.0 U		
5/26/92	W2	18						2.0 U		149,000		4.0 U		
5/26/92	W2	3						2.0 U		130,000		4.0 U		
5/26/92	W2	6						2.0 U		160,000		4.0 U		
5/26/92	W2	9						2.0 U		172,000		4.0 U		
5/27/92	W1	0						2.0 U		154,000		4.0 U		
5/27/92	W1	12						2.0 U		160,000		4.0 U		
5/27/92	W1	15						2.0 UM		160,333 M		4.0 UM		
5/27/92	W1	18						2.0 U		160,000		4.0 U		
5/27/92	W1	3						2.0 U		150,000		4.0 U		
5/27/92	W1	6						2.0 U		153,000		4.0 U		
5/27/92	W1	9						2.0 U		157,000		4.0 U		
5/27/92	W12							2.0 U		154,000		4.0 U		
5/28/92	W1R	0R						2.0 U		153,000		4.0 U		
5/28/92	W1R	0RF									151,000			
5/28/92	W1R	12R						2.0 U		157,000		4.0 U		
5/28/92	W1R	12R									159,000			
5/28/92	W1R	15R						2.0 U		156,000		4.0 U		
5/28/92	W1R	15R									157,000			
5/28/92	W1R	18R						2.0 U		156,000		4.0 U		
5/28/92	W1R	18R									160,000			
5/28/92	W1R	3R						2.0 U		152,000		4.0 U		
5/28/92	W1R	3RF									150,000			
5/28/92	W1R	6R						2.0 U		154,000		4.0 U		
5/28/92	W1R	6RF									151,000			
5/28/92	W1R	9R						2.0 U		157,000		4.0 U		
5/28/92	W1R	9RF									160,000			
6/19/92	W12							2.0 U		106,000		4.0 U		
6/23/92	W1	0						2.0 U		162,000		2.6 B		
6/23/92	W1	12						2.0 U		156,000		2.0 U		
6/23/92	W1	15						2.0 U		153,000		2.0 U		
6/23/92	W1	18						2.0 U		154,000		2.5 B		

Table I-1B. (cont.)

Date	Station	Depth	Aluminum (µg/L)	Antimony (µg/L)	Arsenic (µg/L)	Barium (µg/L)	Beryllium (µg/L)	Cadmium (µg/L)	Cadmium (µg/L-dis)	Calcium (µg/L)	Calcium (µg/L-dis)	Chromium (µg/L)	Chromium (µg/L-dis)	Cobalt (µg/L)
6/23/92	W1	3						2.0 U		160,000		2.6 B		
6/23/92	W1	6						2.0 U		153,000		2.2 B		
6/23/92	W1	9						2.0 UM		161,333 M		1.3 M		
6/23/92	W2	0						2.0 U		166,000		2.2 B		
6/23/92	W2	12						2.0 U		168,000		2.0 U		
6/23/92	W2	15						2.0 U		162,000		2.0 U		
6/23/92	W2	18						2.0 U		158,000		2.0 U		
6/23/92	W2	3						2.0 U		159,000		2.0 U		
6/23/92	W2	6						2.0 U		168,000		2.0 U		
6/23/92	W2	9						2.0 U		165,000		2.1 B		
6/24/92	W1R	0R						2.0 U		152,000		2.7 B		
6/24/92	W1R	0RF									160,000			
6/24/92	W1R	12R						2.0 U		159,000		2.0 B		
6/24/92	W1R	12R									155,000			
6/24/92	W1R	15R						2.0 U		160,000		2.0 U		
6/24/92	W1R	15R									157,000			
6/24/92	W1R	18R						2.0 U		158,000		2.0 U		
6/24/92	W1R	18R									162,000			
6/24/92	W1R	3R						2.0 U		158,000		2.0 U		
6/24/92	W1R	3RF									159,000			
6/24/92	W1R	6R						2.0 U		164,000		2.0 U		
6/24/92	W1R	6RF									152,000			
6/24/92	W1R	9R						2.0 U		168,000		2.0 U		
6/24/92	W1R	9RF									166,000			
6/25/92	W1	0												
6/25/92	W1	12												
6/25/92	W1	15												
6/25/92	W1	18												
6/25/92	W1	3												
6/25/92	W1	6												
6/25/92	W1	9												
6/25/92	W2	0												
6/25/92	W2	12												
6/25/92	W2	15												
6/25/92	W2	18												
6/25/92	W2	3												
6/25/92	W2	6												
6/25/92	W2	9												
7/21/92	W1	0						2.0 U		158,000		2.0 U		
7/21/92	W1	12						2.0 U		169,500 M		2.0 U		
7/21/92	W1	15						2.0 U		163,000		2.1 B		
7/21/92	W1	18						2.0 U		160,000		2.0 U		
7/21/92	W1	3						2.0 U		156,000		2.0 U		
7/21/92	W1	6						2.0 UM		154,000 M		2.0 UM		
7/21/92	W1	9						2.0 U		175,000		2.0 U		

Table I-1B. (cont.)

Date	Station	Depth	Aluminum (µg/L)	Antimony (µg/L)	Arsenic (µg/L)	Barium (µg/L)	Beryllium (µg/L)	Cadmium (µg/L)	Cadmium (µg/L-dis)	Calcium (µg/L)	Calcium (µg/L-dis)	Chromium (µg/L)	Chromium (µg/L-dis)	Cobalt (µg/L)
7/21/92	W2	0						2.0 U		156,000		2.0 U		
7/21/92	W2	12						2.0 U		170,000		2.0 U		
7/21/92	W2	15						2.0 U		167,000		2.0 U		
7/21/92	W2	18						2.0 U		161,000		2.0 U		
7/21/92	W2	3						2.0 U		157,000		2.0 U		
7/21/92	W2	6						2.0 U		162,000		2.0 U		
7/21/92	W2	9						2.0 U		169,000		2.0 U		
7/22/92	W1R	0R						2.0 U		155,000		2.0 U		
7/22/92	W1R	0RF									150,000			
7/22/92	W1R	12R						2.0 U		168,000		2.2 B		
7/22/92	W1R	12R									166,000			
7/22/92	W1R	15R						2.0 U		164,000		2.0 U		
7/22/92	W1R	15R									161,000			
7/22/92	W1R	18R						2.0 U		158,000		2.0 U		
7/22/92	W1R	18R									159,000			
7/22/92	W1R	3R						2.0 U		156,000		2.0 U		
7/22/92	W1R	3RF									144,000			
7/22/92	W1R	6R						2.0 U		150,000		2.0 U		
7/22/92	W1R	6RF									154,000			
7/22/92	W1R	9R						2.0 U		172,000		2.0 U		
7/22/92	W1R	9RF									161,000			
7/30/92	W12							2.0 UJ		142,000		2.0 U		
8/18/92	W12							2.0 U		154,000		2.0 U		
8/24/92	W2	0						2.0 U		147,000		2.0 U		
8/24/92	W2	12						2.0 U		149,000		2.0 U		
8/24/92	W2	15						2.0 U		148,000		2.7 B		
8/24/92	W2	18						2.0 U		99,400		2.0 U		
8/24/92	W2	3						2.0 U		152,000		2.5 B		
8/24/92	W2	6						2.0 U		141,000		2.0 U		
8/24/92	W2	9						2.0 U		152,000		2.0 U		
8/25/92	W1	0						2.0 U		131,000		2.1 B		
8/25/92	W1	0F									136,000			
8/25/92	W1	12						2.0 U		157,000		2.0 U		
8/25/92	W1	12F									159,000			
8/25/92	W1	15						2.0 U		153,000		2.0 U		
8/25/92	W1	15F									154,000			
8/25/92	W1	18						2.0 U		147,000		2.0 U		
8/25/92	W1	18F									155,000			
8/25/92	W1	3						2.0 U		151,000		2.0 U		
8/25/92	W1	3F									130,000			
8/25/92	W1	6						2.0 U		148,000		2.0 U		
8/25/92	W1	6F									153,000			
8/25/92	W1	9						2.0 UM		148,667 M		2.0 UM		
8/25/92	W1	9F									151,000			
8/29/92	W12	1						2.0 U		68,200		2.0 U		

Table I-1B. (cont.)

Date	Station	Depth	Aluminum (µg/L)	Antimony (µg/L)	Arsenic (µg/L)	Barium (µg/L)	Beryllium (µg/L)	Cadmium (µg/L)	Cadmium (µg/L-dis)	Calcium (µg/L)	Calcium (µg/L-dis)	Chromium (µg/L)	Chromium (µg/L-dis)	Cobalt (µg/L)
8/29/92	W12	10						2.0 U		147,000		2.0 U		
8/29/92	W12	15						2.0 U		167,000		2.0 U		
8/29/92	W12	5						2.0 U		67,900		2.0 U		
9/17/92	W12							2.0 U		146,000		18		
9/21/92	W2	0						2.0 U		158,000		2.0 U		
9/21/92	W2	0F									155,000			
9/21/92	W2	12	112 B	17 U	1.1 B	76 B	1.0 U	2.0 U		163,000		2.0 U		4.0 U
9/21/92	W2	12						2.0 U		163,000		2.0 U		
9/21/92	W2	12F									157,000			
9/21/92	W2	15						2.0 U		163,000		2.0 U		
9/21/92	W2	15F									166,000			
9/21/92	W2	18						2.0 U		157,000		2.0 U		
9/21/92	W2	18F									159,000			
9/21/92	W2	3						2.0 U		160,000		2.0 U		
9/21/92	W2	3F									154,000			
9/21/92	W2	6	93 B	24 B	1.0 U	67 B	1.0 U	2.0 U		158,000		2.0 U		4.0 U
9/21/92	W2	6						2.0 U		158,000		2.0 U		
9/21/92	W2	6F									155,000			
9/21/92	W2	9						2.0 UM		160,667 M		2.0 UM		
9/21/92	W2	9F									159,000			
9/22/92	W1	0						2.0 U		165,000		2.0 U		
9/22/92	W1	12	119 B	17 U	1.0 U	77 B	1.0 U	2.0 U		166,000		2.0 U		4.0 U
9/22/92	W1	12						2.0 U		166,000		2.0 U		
9/22/92	W1	15						2.0 U		161,000		2.0 U		
9/22/92	W1	18						2.0 U		160,000		2.0 U		
9/22/92	W1	3						2.0 U		157,000		2.0 U		
9/22/92	W1	6	106 B	26 B	1.0 U	68 B	1.0 U	2.0 U		159,000		2.0 U		4.0 U
9/22/92	W1	6						2.0 U		159,000		2.0 U		
9/22/92	W1	9						2.0 U		157,000		2.0 U		
9/27/92	W12	1						2.0 U		88,700		2.0 UJ		
9/27/92	W12	10						2.0 U		153,000		2.0 UJ		
9/27/92	W12	15						2.0 U		150,000		2.0 UJ		
9/27/92	W12	5						2.0 U		113,000		2.0 UJ		
10/7/92	W12							2.0 U		164,000		4.0 U		
10/12/92	W1	15						2.0 U		177,000		4.0 U		
10/12/92	W1	3						2.0 UM		166,667 M		4.0 UM		
10/12/92	W1	9						2.0 U		168,000		4.8 B		
10/12/92	W2	15						2.0 U		177,000		4.0 U		
10/12/92	W2	15F							2.0 U		177,000		4.0 U	
10/12/92	W2	3						2.0 U		168,000		4.0 U		
10/12/92	W2	3F							2.0 U		171,000		4.0 U	
10/12/92	W2	9						2.0 U		173,000		4.0 U		
10/12/92	W2	9F							2.0 U		172,000		4.0 U	
10/18/92	W12	1						2.0 U		174,000		4.0 U		
10/18/92	W12	10						2.0 U		178,000		4.0 U		

Table I-1B. (cont.)

Date	Station	Depth	Aluminum (µg/L)	Antimony (µg/L)	Arsenic (µg/L)	Barium (µg/L)	Beryllium (µg/L)	Cadmium (µg/L)	Cadmium (µg/L-dis)	Calcium (µg/L)	Calcium (µg/L-dis)	Chromium (µg/L)	Chromium (µg/L-dis)	Cobalt (µg/L)
10/18/92	W12	15						2.0 U		167,000		4.0 U		
10/18/92	W12	5						2.0 U		173,000		4.0 U		
11/11/92	W12							2.0 U		160,000		4.0 U		
11/11/92	W12	W12						2.0 U		101,000		4.0 U		
11/16/92	W1	15						2.9 B		166,000		5.3 BJ		
11/16/92	W1	3						2.0 U		165,000		4.0 UJ		
11/16/92	W1	9						2.0 UM		166,333 M		4.0 UM		
11/16/92	W2	15						2.7 B		167,000		4.0 UJ		
11/16/92	W2	15F									168,000			
11/16/92	W2	3						2.0 U		163,000		4.2 BJ		
11/16/92	W2	3F									170,000			
11/16/92	W2	9						2.7 B		165,000		4.0 UJ		
11/16/92	W2	9F									164,000			
11/24/92	W12	1						2.0 U		162,000		4.0 U		
11/24/92	W12	10						2.0 U		164,000		4.0 U		
11/24/92	W12	15						2.0 U		162,000		4.0 U		
11/24/92	W12	5						2.0 U		159,000		4.0 U		
12/9/92	W12							2.0 U		181,000		4.0 U		
12/18/92	W12	1						2.0 U		171,000		4.0 U		
12/18/92	W12	10						2.0 U		176,000		4.0 U		
12/18/92	W12	15						2.0 U		174,000		4.0 U		
12/18/92	W12	5						2.0 U		173,000		4.0 U		

Table I-1B. (cont.)

Date	Station	Depth	Copper (µg/L)	Copper (µg/L-dis)	Cyanide (µg/L)	Dimethyl mercury-total (µg/L)	Elemental mercury-total (µg/L)	Ionic mercury (µg/L-dis)	Ionic mercury-total (µg/L)	Iron (µg/L)	Iron (µg/L-dis)	Lead (µg/L)	Magnesium (µg/L)
4/8/92	W2	15	2.2 BJ			3.0E-03 UJ	7.9E-02 J	0.8 J	2.7 J	71 B		2.9 BJ	22,300
4/8/92	W2	3	2.0 BJ			3.0E-03 UJ	0.1 J	1.8 J	2.4 J	99 B		7.7 J	21,700
4/8/92	W2	9	1.2 BJ			3.0E-03 U	0.1	0.9 J	2.3 J	85 B		3.8 J	22,000
4/13/92	W1	15	2.4 BJ			1.2E-02 U	6.3E-02	1.7 J	3.0 J	87 B		1.2 BJ	22,200
4/13/92	W1	15F											
4/13/92	W1	3	51 J			1.1E-02 UJ	0.3 J	1.4 J	3.3 J	92 B		2.1 BJ	22,400
4/13/92	W1	3F											
4/13/92	W1	9	2.6 M			1.2E-02 UM	5.4E-02	1.8	3.6	98		3.7	21,667
4/13/92	W1	9F											
4/13/92	W1R	9	2.5 BJ			1.3E-02 UJ	0.2 J	3.8 J	19 J	94 B		2.5 BJ	23,400
4/25/92	W12		1.6 B									1.0 UJ	22,438
5/26/92	W2	0	1.0 UJ			3.0E-03 UJ	0.2	0.5	0.2	34 B		1.0 UJ	25,900
5/26/92	W2	12	1.2 BJ			3.1E-03 UJ	0.1	0.3	0.1	42 B		1.3 BJ	22,600
5/26/92	W2	15	1.5 BJ			3.2E-03 UJ	0.1	0.5	0.2	28 B		1.0 UJ	22,800
5/26/92	W2	18	1.0 UJ			3.2E-03 UJ	6.7E-02	0.3	0.2	37 B		1.0 UJ	21,600
5/26/92	W2	3	1.0 UJ			3.0E-03 UJ	0.2	0.7	0.1	16 U		1.0 UJ	20,600
5/26/92	W2	6	1.2 BJ			2.9E-03 UJ	9.5E-02	0.5	0.2	29 B		1.2 BJ	24,300
5/26/92	W2	9	1.2 BJ			3.1E-03 UJ	0.4	0.3	0.1	42 B		1.0 UJ	24,900
5/27/92	W1	0	1.0 U			2.7E-03 UJ	0.1	0.2	0.4	35 B		1.0 U	24,300
5/27/92	W1	12	3.1 BU			2.7E-03 UJ	6.4E-02	0.2	0.4	45 B		2.8 B	23,400
5/27/92	W1	15	1.7 UM			2.7E-03 UM	7.7E-02 M	0.2 M	0.3 M	31 M		1.8 M	23,400 M
5/27/92	W1	18	2.4 BU			2.7E-03 UJ	5.1E-02	0.2	0.3	40 B		1.0 U	23,500
5/27/92	W1	3	7.4 BU			2.7E-03 UJ	0.1	0.1	0.3	39 B		1.8 B	23,600
5/27/92	W1	6	1.7 BU			2.6E-03 UJ	0.1	0.2	0.2	23 B		1.0 U	24,100
5/27/92	W1	9	2.0 BU			2.8E-03 UJ	4.5E-02	0.1	0.5	29 B		1.0 U	22,800
5/27/92	W12		1.0 UJ									1.0 U	24,558
5/28/92	W1R	0	2.7 BU			2.9E-03 UJ	0.2	0.3	0.3	27 B		3.4	24,000
5/28/92	W1R	0F											
5/28/92	W1R	12	4.9 B			2.5E-03 UJ	7.9E-02	0.4	0.6	26 B		2.2 B	22,900
5/28/92	W1R	12F											
5/28/92	W1R	15	3.9 B			2.7E-03 UJ	7.7E-02	0.4	0.6	27 B		1.0 U	22,700
5/28/92	W1R	15F											
5/28/92	W1R	18	1.0 U			2.7E-03 UJ	9.1E-02	0.4	0.6	31 BJ		1.8 B	22,800
5/28/92	W1R	18F											
5/28/92	W1R	3	4.8 B			2.6E-03 UJ	0.1	0.4	0.4	27 B		1.0 U	23,800
5/28/92	W1R	3F											
5/28/92	W1R	6	2.9 B			2.9E-03 UJ	0.2	0.3	0.5	53 B		18	23,800
5/28/92	W1R	6F											
5/28/92	W1R	9	1.4 B			2.9E-03 UJ	8.0E-02	0.4	1.0	27 B		1.0 U	23,100
5/28/92	W1R	9F											
6/19/92	W12		1.0 U									1.0 U	
6/23/92	W1	0	3.1 B							59 B		1.3 BJ	24,600
6/23/92	W1	12	2.2 B							32 B		1.0 UJ	22,700
6/23/92	W1	15	2.0 U							38 B		1.0 UJ	22,200
6/23/92	W1	18	2.0 U							63 B		1.0 U	22,500

Table I-1B. (cont.)

Date	Station	Depth	Copper (µg/L)	Copper (µg/L-dis)	Cyanide (µg/L)	Dimethyl mercury-total (µg/L)	Elemental mercury-total (µg/L)	Ionic mercury (µg/L-dis)	Ionic mercury-total (µg/L)	Iron (µg/L)	Iron (µg/L-dis)	Lead (µg/L)	Magnesium (µg/L)
6/23/92	W1	3	2.7 B							127		1.0 UJ	24,400
6/23/92	W1	6	3.2 B							66 B		1.4 BJ	23,300
6/23/92	W1	9	4.0 M							58 M		1.0 UM	24,067 M
6/23/92	W2	0	2.0 U							51 B		1.0 UJ	25,000
6/23/92	W2	12	2.4 B							43 B		1.0 UJ	24,400
6/23/92	W2	15	2.2 B							31 B		1.1 BJ	23,700
6/23/92	W2	18	2.0 U							35 B		1.0 UJ	22,900
6/23/92	W2	3	3.0 B							46 B		2.1 BJ	24,100
6/23/92	W2	6	2.5 B							51 B		1.0 UJ	25,200
6/23/92	W2	9	2.0 U							44 B		1.0 UJ	24,400
6/24/92	W1R	0	3.5 B			2.8E-03 UJ	0.2 U	0.6	0.8	50 B		1.0 U	23,400
6/24/92	W1R	0F											
6/24/92	W1R	12	2.0 U			2.8E-03 UJ	0.2 U	0.4	0.7	37 B		1.0 B	23,200
6/24/92	W1R	12F											
6/24/92	W1R	15	2.6 B			2.7E-03 UJ	0.2 U	0.4	0.8	90 B		1.0 U	23,300
6/24/92	W1R	15F											
6/24/92	W1R	18	2.2 B			3.0E-03 UJ	0.2 U	0.3	1.9	49 B		1.0 U	23,000
6/24/92	W1R	18F											
6/24/92	W1R	3	2.0 U			2.9E-03 UJ	0.2 U	0.6	0.7	45 B		1.0 U	24,100
6/24/92	W1R	3F											
6/24/92	W1R	6	20 B			2.8E-03 UJ	0.2 U	0.5	0.8	76 B		1.0 U	25,100
6/24/92	W1R	6F											
6/24/92	W1R	9	2.0 U			2.6E-03 UM	0.2 UM	0.6 M	0.7 M	54 B		1.0 U	24,300
6/24/92	W1R	9F											
6/25/92	W1	0				2.9E-03 UJ	3.4E-02	0.7	0.4				
6/25/92	W1	12				2.8E-03 UJ	2.1E-02	0.5	0.3				
6/25/92	W1	15				2.9E-03 UJ	6.0E-02	0.7	0.4				
6/25/92	W1	18				2.9E-03 UJ	1.3E-02 U	0.4	0.6				
6/25/92	W1	3				2.9E-03 UJ	2.8E-02	0.8	0.4				
6/25/92	W1	6				2.9E-03 UJ	3.5E-02	0.6	0.6				
6/25/92	W1	9				3.0E-03 UJ	2.0E-02	0.5	0.3				
6/25/92	W2	0				2.8E-03 UJ	5.0E-02	0.6	0.4				
6/25/92	W2	12				2.9E-03 UJ	1.7E-02	0.4	0.5				
6/25/92	W2	15				2.9E-03 UJ	1.4E-02	0.5	0.3				
6/25/92	W2	18				2.9E-03 UJ	2.8E-02	0.5	0.4				
6/25/92	W2	3				3.0E-03 UJ	4.1E-02	0.6	0.4				
6/25/92	W2	6				3.0E-03 UJ	4.0E-02	0.6	0.5				
6/25/92	W2	9				2.9E-03 UJ	2.8E-02	0.6	0.3				
7/21/92	W1	0	2.0 U			6.0E-03 U	0.1	0.8	0.4	50 B		1.0 U	23,300
7/21/92	W1	12	2.0 U			6.0E-03 U	2.4E-02	0.8	1.2	29		1.0 U	24,050 M
7/21/92	W1	15	2.0 U			5.7E-03 U	1.7E-02	0.5	0.4	49 B		1.0 U	23,100
7/21/92	W1	18	3.0 B			6.4E-03 U	2.1E-02	0.2	0.5	59 B		1.0 U	22,800
7/21/92	W1	3	2.0 U			5.7E-03 U	0.1	0.8	0.8	44 B		1.0 U	22,900
7/21/92	W1	6	2.0 UM			5.8E-03 UM	0.1 M	0.6 M	0.6 M	45 M		1.0 UM	22,600 M
7/21/92	W1	9	2.0 U			5.8E-03 U	4.5E-02	0.3	1.9	41 B		1.0 U	24,900

Table I-1B. (cont.)

Date	Station	Depth	Copper (µg/L)	Copper (µg/L-dis)	Cyanide (µg/L)	Dimethyl mercury-total (µg/L)	Elemental mercury-total (µg/L)	Ionic mercury (µg/L-dis)	Ionic mercury-total (µg/L)	Iron (µg/L)	Iron (µg/L-dis)	Lead (µg/L)	Magnesium (µg/L)
7/21/92	W2	0	2.1 B			5.7E-03 U	0.2	0.6	0.4	38 B		1.0 U	23,100
7/21/92	W2	12	2.0 U			5.9E-03 U	2.8E-02	0.9	0.7	38 B		1.0 U	24,400
7/21/92	W2	15	2.0 U			6.0E-03 U	2.5E-02	0.4	0.6	48 B		1.0 U	23,900
7/21/92	W2	18	2.0 U			5.5E-03 U	1.6E-02	0.3	0.7	65 B		1.0 U	23,100
7/21/92	W2	3	2.0 U			5.8E-03 U	0.2	0.7	0.3	39 B		1.0 U	23,300
7/21/92	W2	6	2.0 U			6.0E-03 U	0.1	0.7	0.5	65 B		1.0 U	23,900
7/21/92	W2	9	2.0 U			5.9E-03 U	5.8E-02	0.6	0.9	58 B		1.0 U	24,700
7/22/92	W1R	0	2.1 B			1.4E-03 U	0.1	0.7	0.9	39 B		1.0 U	22,700
7/22/92	W1R	0F											
7/22/92	W1R	12	2.0 U			1.5E-03 U	1.8E-02 U	0.8	2.4	38 BU		1.0 U	24,000
7/22/92	W1R	12F											
7/22/92	W1R	15	2.0 U			1.2E-03 U	1.4E-02 U	0.5	1.1	39 BU		1.0 U	23,500
7/22/92	W1R	15F											
7/22/92	W1R	18	2.0 U			1.2E-03 U	1.4E-02 U	0.6	1.3	75 B		1.0 U	22,600
7/22/92	W1R	18F											
7/22/92	W1R	3	2.0 U			1.6E-03 U	0.1	0.7	0.9	49 B		1.0 U	22,900
7/22/92	W1R	3F											
7/22/92	W1R	6	2.0 U			1.5E-03 U	6.3E-02	0.8	1.2	62 B		1.0 U	22,300
7/22/92	W1R	6F											
7/22/92	W1R	9	2.0 U			1.4E-03 U	1.7E-02 U	0.8	1.3	35 B		1.0 U	24,600
7/22/92	W1R	9F											
7/30/92	W12		2.0 U									1.0 U	20,792
8/18/92	W12		2.0 U									1.4 BU	
8/24/92	W2	0	2.0 U			4.9E-03 U	0.2	1.3	0.9	21 B		1.0 U	23,000
8/24/92	W2	12	2.0 U			4.8E-03 UJ	1.6E-02 U	0.6	1.5	32 B		1.0 U	22,400
8/24/92	W2	15	2.0 U			4.8E-03 UJ	1.6E-02 U	0.9	1.3	219		1.0 U	22,400
8/24/92	W2	18	2.0 U			4.8E-03 UJ	6.6E-02	1.5	1.4	108		1.0 U	14,500
8/24/92	W2	3	2.0 U			4.8E-03 U	0.1	1.3	1.1	62 B		1.0 U	23,100
8/24/92	W2	6	2.0 U			4.9E-03 U	0.1	1.0	0.9	25 B		1.0 U	21,800
8/24/92	W2	9	2.0 U			4.8E-03 UJ	5.8E-02	1.1	1.7	24 B		1.0 U	22,800
8/25/92	W1	0	2.0 U			2.1E-03 U	0.3	0.9	0.9	33 B		1.0 U	22,100
8/25/92	W1	0F											
8/25/92	W1	12	2.0 U			2.1E-03 U	1.0E-02 U	0.6	0.7	33 B		1.4 B	23,600
8/25/92	W1	12F											
8/25/92	W1	15	2.0 U			2.1E-03 U	1.0E-02 U	0.6	1.1	184		1.0 U	22,800
8/25/92	W1	15F											
8/25/92	W1	18	2.0 U			2.1E-03 U	3.4E-02	1.3	2.8 U	197		1.6 B	22,100
8/25/92	W1	18F											
8/25/92	W1	3	2.0 U			2.1E-03 U	0.1	0.7	0.5	77 B		1.0 U	23,000
8/25/92	W1	3F											
8/25/92	W1	6	2.0 U			2.1E-03 U	0.1	0.8	0.8	34 B		1.0 U	22,600
8/25/92	W1	6F											
8/25/92	W1	9	2.0 UM			2.1E-03 UM	3.3E-02 M	0.9 M	1.0 M	134 M		0.9 M	22,500 M
8/25/92	W1	9F											
8/29/92	W12	1	2.0 U									1.0 U	

Table I-1B. (cont.)

Date	Station	Depth	Copper (µg/L)	Copper (µg/L-dis)	Cyanide (µg/L)	Dimethyl mercury-total (µg/L)	Elemental mercury-total (µg/L)	Ionic mercury (µg/L-dis)	Ionic mercury-total (µg/L)	Iron (µg/L)	Iron (µg/L-dis)	Lead (µg/L)	Magnesium (µg/L)
8/29/92	W12	10	2.0 U									1.0 U	
8/29/92	W12	15	2.0 U									1.0 U	
8/29/92	W12	5	2.6 U									1.0 U	
9/17/92	W12		2.0 U									1.0 U	
9/21/92	W2	0	2.0 U			8.4E-03 U	9.0E-02	1.1 U	1.6	31 B		1.0 U	23,700
9/21/92	W2	0F											
9/21/92	W2	12	2.0 U		10 U	8.3E-03 U	2.0E-02 U	1.1 U	1.2	127		1.0 U	23,900
9/21/92	W2	12	2.0 U			8.3E-03 U	2.0E-02 U	1.1 U	1.2	127		1.0 U	23,900
9/21/92	W2	12F											
9/21/92	W2	15	2.0 U			8.3E-03 U	2.8E-02	1.1 U	2.2	251		1.0 BJ	23,700
9/21/92	W2	15F											
9/21/92	W2	18	2.0 U			8.2E-03 U	2.0E-02 U	3.2	9.4	45 B		1.4 BJ	23,400
9/21/92	W2	18F											
9/21/92	W2	3	2.0 U			8.3E-03 U	7.9E-02	1.2	1.5	39 B		1.0 U	24,000
9/21/92	W2	3F											
9/21/92	W2	6	2.0 U		171 J	8.5E-03 U	7.6E-02	1.4	1.5	24 B		1.0 U	23,600
9/21/92	W2	6	2.0 U			8.5E-03 U	7.6E-02	1.4	1.5	24 B		1.0 U	23,600
9/21/92	W2	6F											
9/21/92	W2	9	2.0 UM			8.0E-03 UM	5.9E-02 M	1.1 UM	1.2 M	46 M		0.8 M	23,667 M
9/21/92	W2	9F											
9/22/92	W1	0	2.0 U			5.6E-04 U	4.6E-02	1.1 U	1.4	194		1.8 BJ	23,800
9/22/92	W1	12	2.0 U		10 U	5.7E-04 U	1.9E-02 U	1.1 U	1.6	83 B		1.0 U	24,300
9/22/92	W1	12	2.0 U			5.7E-04 U	1.9E-02 U	1.1 U	1.6	83 B		1.0 U	24,300
9/22/92	W1	15	2.0 U			1.3E-03	2.1E-02	1.1 U	1.8	266		1.0 U	23,500
9/22/92	W1	18	2.0 U			8.6E-04	1.9E-02 U	2.3	9.4	167		1.0 U	23,100
9/22/92	W1	3	2.0 U			5.7E-04 U	5.5E-02	1.1 U	1.6	33 B		1.0 U	23,300
9/22/92	W1	6	2.0 U		10 U	5.6E-04 U	3.6E-02	1.1 U	1.2	53 B		1.2 BJ	23,700
9/22/92	W1	6	2.0 U			5.6E-04 U	3.6E-02	1.1 U	1.2	53 B		1.2 BJ	23,700
9/22/92	W1	9	2.0 U			5.5E-04 U	3.5E-02	1.1 U	2.0	116		1.0 U	23,300
9/27/92	W12	1	4.9 B									2.5 BJU	
9/27/92	W12	10	2.0 U									1.0 UJ	
9/27/92	W12	15	3.5 B									3.4 JU	
9/27/92	W12	5	2.8 B									1.0 UJ	
10/7/92	W12		3.0 U									1.0 U	
10/12/92	W1	15	3.0 U			3.5E-03 U	2.8E-02	1.8	1.4	244		1.0 U	27,300
10/12/92	W1	3	2.1 M			3.6E-03 UM	9.1E-02 M	0.6 M	1.5 M	74 M		1.0 UM	25,200 M
10/12/92	W1	9	3.0 U			3.5E-03 U	5.6E-02	1.6	0.9	74 B		4.2	25,700
10/12/92	W2	15	3.0 U			3.6E-03 U	1.9E-02 U	2.3	4.0	362		1.0 U	26,800
10/12/92	W2	15F		3.0 U							300		
10/12/92	W2	3	3.0 U			3.5E-03 U	9.6E-02	0.5	1.0	63 B		1.0 UJ	25,800
10/12/92	W2	3F		3.0 U							107		
10/12/92	W2	9	3.0 U			3.3E-03 U	5.7E-02	1.2	1.2	53 B		1.3 B	26,400
10/12/92	W2	9F		3.0 U							36 B		
10/18/92	W12	1	3.0 U									1.0 U	
10/18/92	W12	10	3.0 U									1.0 U	

Table I-1B. (cont.)

Date	Station	Depth	Copper (µg/L)	Copper (µg/L-dis)	Cyanide (µg/L)	Dimethyl mercury-total (µg/L)	Elemental mercury-total (µg/L)	Ionic mercury (µg/L-dis)	Ionic mercury-total (µg/L)	Iron (µg/L)	Iron (µg/L-dis)	Lead (µg/L)	Magnesium (µg/L)
10/18/92	W12	15	3.0 U									1.0 UJ	
10/18/92	W12	5	3.0 U									1.0 U	
11/11/92	W12		3.0 U									1.1 J	
11/11/92	W12	W12	5.5 BU									1.0 UJ	
11/16/92	W1	15	3.0 U			3.0E-03 U	4.8E-02	0.7	0.3	63 B		1.0 U	24,400
11/16/92	W1	3	3.0 U			3.0E-03 U	4.3E-02	0.7	0.6	60 B		1.0 U	23,700
11/16/92	W1	9	2.0 M			3.0E-03 UM	4.1E-02 M	0.7 M	0.7 M	56 M		1.0 UM	24,367 M
11/16/92	W2	15	3.0 U			3.1E-03 U	5.5E-02	0.8	0.4	52 B		1.0 U	24,600
11/16/92	W2	15F											
11/16/92	W2	3	3.0 U			3.1E-03 U	4.8E-02	0.8	0.3	51 B		1.0 U	24,000
11/16/92	W2	3F											
11/16/92	W2	9	3.0 U			3.1E-03 U	4.8E-02	0.7	0.9	50 B		1.0 U	24,300
11/16/92	W2	9F											
11/24/92	W12	1	3.0 U									1.0 U	24,850
11/24/92	W12	10	3.0 U									1.0 U	25,190
11/24/92	W12	15	3.0 U									1.0 U	24,830
11/24/92	W12	5	3.0 U									1.0 U	24,380
12/9/92	W12		3.0 U									1.0 U	
12/18/92	W12	1	3.1 B									5.8 J	
12/18/92	W12	10	1.0 U									1.0 UJ	
12/18/92	W12	15	1.1 B									1.0 UJ	
12/18/92	W12	5	1.6 B									2.5 BJ	

Table I-1B. (cont.)

Date	Station	Depth	Magnesium (µg/L-dis)	Manganese (µg/L)	Manganese (ug/L-dis)	Mercury (ng/L-dis)	Mercury-total (ng/L)	Methyl-mercury (ng/L-dis)	Methyl-mercury-total (ng/L)	Nickel (µg/L)	Nickel (µg/L-dis)	Potassium (µg/L)
4/8/92	W2	15		23		2.6	6.0	0.1	0.3	8.0 U		
4/8/92	W2	3		18		5.1	4.4	0.1 J	0.4 J	8.0 U		
4/8/92	W2	9		19		4.1	6.7	0.1 J	0.3 J	8.0 U		
4/13/92	W1	15		24		4.2	28	0.1 J	0.4 J	8.0 U		
4/13/92	W1	15F	21,800									
4/13/92	W1	3		24		2.6	10	8.5E-02 J	0.2 J	8.0 U		
4/13/92	W1	3F	21,800									
4/13/92	W1	9		23		4.0	13	9.9E-02	0.4	8.0 U		
4/13/92	W1	9F	22,100									
4/13/92	W1R	9		26		2.5	11	0.1 J	0.3	8.0 U		
4/25/92	W12						7.9 M		0.3 M	8.0 U		
5/26/92	W2	0		13		1.9	2.9	5.5E-02	0.2	8.0 U		
5/26/92	W2	12		60		1.6	5.2	4.3E-02 J	0.4	8.0 U		
5/26/92	W2	15		235 BJU		2.2	5.2	0.3	0.8	8.0 U		
5/26/92	W2	18		302 J		2.1	5.7	0.4	1.8	8.0 U		
5/26/92	W2	3		11 J		1.9	4.4	5.7E-02 J	0.4	8.0 U		
5/26/92	W2	6		14 J		1.8	3.9	9.3E-02 J	0.2	8.0 U		
5/26/92	W2	9		41 BJU		1.5	2.8	0.1 J	0.5	8.0 U		
5/27/92	W1	0		10 BJ		2.2	4.6	8.3E-02 J	0.2	10 B		
5/27/92	W1	12		33 J		2.4	4.9	0.1	0.2	9.3 B		
5/27/92	W1	15		187 B		1.9 M	5.0 M	0.2 M	0.7 M	8.0 UM		
5/27/92	W1	18		214		2.5	6.2	0.4	1.1	9.5 B		
5/27/92	W1	3		11 M		2.3	3.1	0.2 J	0.4	9.8 B		
5/27/92	W1	6		11		2.1	3.4	0.1 J	0.1	8.0 U		
5/27/92	W1	9		14 B		1.6	2.8	7.8E-02 J	0.2	8.0 U		
5/27/92	W12			B			3.3		0.2	8.0 U		
5/28/92	W1R	0		12 B		2.9	5.0	8.1E-02	0.2	15 B		
5/28/92	W1R	0F	23,500									
5/28/92	W1R	12		41 B		2.5	5.7	0.2	0.4	12 B		
5/28/92	W1R	12F	23,300									
5/28/92	W1R	15		106		3.3	6.1	0.1	0.5	8.0 U		
5/28/92	W1R	15F	23,000									
5/28/92	W1R	18		591		3.5	11	0.5	2.7	8.0 U		
5/28/92	W1R	18F	23,300									
5/28/92	W1R	3		14		3.2	4.4	7.0E-02	0.3	8.4 B		
5/28/92	W1R	3F	23,400									
5/28/92	W1R	6		19 B		3.4	7.3	0.2	0.2	8.0 U		
5/28/92	W1R	6F	23,400									
5/28/92	W1R	9		12		4.3	6.6	0.3	0.2	11 B		
5/28/92	W1R	9F	23,300									
6/19/92	W12			B			4.2		0.2 J	8.0 U		
6/23/92	W1	0		23						5.0 B		
6/23/92	W1	12		184						5.0 U		
6/23/92	W1	15		433						5.0 U		
6/23/92	W1	18		685						5.0 U		

Table I-1B. (cont.)

Date	Station	Depth	Magnesium (µg/L-dis)	Manganese (µg/L)	Manganese (ug/L-dis)	Mercury (ng/L-dis)	Mercury-total (ng/L)	Methyl-mercury (ng/L-dis)	Methyl-mercury-total (ng/L)	Nickel (µg/L)	Nickel (µg/L-dis)	Potassium (µg/L)
6/23/92	W1	3		19						5.0 U		
6/23/92	W1	6		21						5.0 U		
6/23/92	W1	9		37						5.0 UM		
6/23/92	W2	0		18						5.0 U		
6/23/92	W2	12		171 M						5.0 U		
6/23/92	W2	15		465						5.0 U		
6/23/92	W2	18		480						5.0 U		
6/23/92	W2	3		18						5.0 U		
6/23/92	W2	6		23						5.3 B		
6/23/92	W2	9		51						5.0 U		
6/24/92	W1R	0		19		3.2	3.6	0.1	0.3	5.0 U		
6/24/92	W1R	0F	24,300									
6/24/92	W1R	12		177		2.6	7.0	1.3	2.2	5.0 U		
6/24/92	W1R	12F	22,500									
6/24/92	W1R	15		542		5.3	10	2.9 J	6.0 J	5.0 U		
6/24/92	W1R	15F	22,700									
6/24/92	W1R	18		773		4.0	15	3.3	7.8	5.0 U		
6/24/92	W1R	18F	23,500									
6/24/92	W1R	3		18		1.3	5.6	0.2	0.4	5.0 U		
6/24/92	W1R	3F	24,000									
6/24/92	W1R	6		26		1.2	1.3	0.2	0.4	5.0 U		
6/24/92	W1R	6F	22,500									
6/24/92	W1R	9		50		2.7 M	5.6 M	0.3 M	0.9 M	5.0 U		
6/24/92	W1R	9F	23,900									
6/25/92	W1	0				1.4	2.8	0.2	0.4			
6/25/92	W1	12				2.1	3.3	1.0	1.1			
6/25/92	W1	15				3.4	5.5	2.2	4.4			
6/25/92	W1	18				3.8	7.4	3.6	6.4			
6/25/92	W1	3				2.5	6.4	0.2	0.4			
6/25/92	W1	6				1.1	3.5	0.2	0.4			
6/25/92	W1	9				1.6	3.0	0.5	1.0			
6/25/92	W2	0				1.8	2.7	0.1	0.3			
6/25/92	W2	12				2.3	5.6	1.4	2.5			
6/25/92	W2	15				4.6	6.7	2.7	3.9			
6/25/92	W2	18				4.2	7.8	3.4	4.7			
6/25/92	W2	3				1.8	2.9	0.1	0.4			
6/25/92	W2	6				2.0	3.1	0.2	0.4			
6/25/92	W2	9				1.9	4.1	0.4	0.9			
7/21/92	W1	0		7.0		1.3	3.7	0.1	0.3	5.0 U		
7/21/92	W1	12		237		3.2	8.2	2.1	3.6	5.0 U		
7/21/92	W1	15		496 B		4.0	15	1.7	7.8	5.0 U		
7/21/92	W1	18		501		3.7	14	2.4	6.9	5.0 U		
7/21/92	W1	3		6.7		1.7	6.0	8.5E-02	0.3	5.0 U		
7/21/92	W1	6		6.6		1.3 M	5.7 M	9.8E-02 M	0.2 M	5.0 UM		
7/21/92	W1	9		30 B		1.4	3.8	0.2	0.5	5.0 U		

Table I-1B. (cont.)

Date	Station	Depth	Magnesium (µg/L-dis)	Manganese (µg/L)	Manganese (ug/L-dis)	Mercury (ng/L-dis)	Mercury-total (ng/L)	Methyl-mercury (ng/L-dis)	Methyl-mercury-total (ng/L)	Nickel (µg/L)	Nickel (µg/L-dis)	Potassium (µg/L)
7/21/92	W2	0		7.0 M		1.4	4.8	8.8E-02	0.4	5.0 U		
7/21/92	W2	12		197		3.0	8.0	1.7	3.2	5.0 U		
7/21/92	W2	15		483 B		3.3	14	3.6	7.1	5.0 U		
7/21/92	W2	18		492		3.6	13	3.0	7.7	5.0 U		
7/21/92	W2	3		6.5		1.3	4.0	6.2E-02	0.3	5.0 U		
7/21/92	W2	6		9		0.6	6.2	9.2E-02	0.3	5.0 U		
7/21/92	W2	9		30 B		1.8	5.4	0.2	0.6	5.2 B		
7/22/92	W1R	0		6.1 B		1.7	3.9	5.9E-02	0.1	5.0 U		
7/22/92	W1R	0F	22,500									
7/22/92	W1R	12		222 B		3.3	6.8	1.6	2.7	5.0 U		
7/22/92	W1R	12F	23,900									
7/22/92	W1R	15		443		4.5	12	3.5	7.3	5.0 U		
7/22/92	W1R	15F	23,100									
7/22/92	W1R	18		497		3.8	13	3.7	7.2	5.0 U		
7/22/92	W1R	18F	22,800									
7/22/92	W1R	3		6.7		2.0	4.8	6.7E-02	0.4	5.0 U		
7/22/92	W1R	3F	21,700									
7/22/92	W1R	6		11 B		2.2	5.4	0.2	0.2	5.0 U		
7/22/92	W1R	6F	22,800									
7/22/92	W1R	9		81 B		1.4	4.7	0.5	0.4	5.0 U		
7/22/92	W1R	9F	23,300									
7/30/92	W12						4.9		0.2	5.0 U		
8/18/92	W12						4.5		0.2 J	5.0 U		
8/24/92	W2	0		3.2		4.1	11	6.5E-02	0.2	5.0 U		
8/24/92	W2	12		493		5.7	15	2.7	7.2	5.0 U		
8/24/92	W2	15		525 B		9.8	18	3.4	7.8	5.0 U		
8/24/92	W2	18		351		8.7	16	4.0	6.3	5.0 U		
8/24/92	W2	3		4.7		5.4	7.0	3.9E-02	0.3	5.0 U		
8/24/92	W2	6		3.0		3.2	4.6	9.7E-02	0.2	5.0 U		
8/24/92	W2	9		16 B		3.7	5.3	0.2	0.4	5.0 U		
8/25/92	W1	0		4.8 B		4.2	6.9	7.3E-02	0.3	5.0 U		
8/25/92	W1	0F	23,200									
8/25/92	W1	12		530 B		6.4	19	4.1	7.8	5.0 U		
8/25/92	W1	12F	24,900									
8/25/92	W1	15		530		7.8	18	3.4	11	5.0 U		
8/25/92	W1	15F	22,900									
8/25/92	W1	18		530		8.5	18	3.5	7.4	5.0 U		
8/25/92	W1	18F	23,100									
8/25/92	W1	3		5.5		3.8	6.2	6.9E-02	0.3	5.0 U		
8/25/92	W1	3F	20,900									
8/25/92	W1	6		4.0 B		3.3	5.8	9.7E-02	0.2	6.5 B		
8/25/92	W1	6F	23,100									
8/25/92	W1	9		20 B		3.8 M	5.7 M	0.4 M	0.6 M	5.0 UM		
8/25/92	W1	9F	22,800									
8/29/92	W12	1		M			3.9		0.1	5.0 U		

Table I-1B. (cont.)

Date	Station	Depth	Magnesium (µg/L-dis)	Manganese (µg/L)	Manganese (ug/L-dis)	Mercury (ng/L-dis)	Mercury-total (ng/L)	Methyl-mercury (ng/L-dis)	Methyl-mercury-total (ng/L)	Nickel (µg/L)	Nickel (µg/L-dis)	Potassium (µg/L)
8/29/92	W12	10					5.3		0.3	5.0 U		
8/29/92	W12	15					6.6		2.0	5.0 U		
8/29/92	W12	5					6.2		0.2	5.0 U		
9/17/92	W12						5.6		0.3	10 B		
9/21/92	W2	0		6.5		2.5	6.9	4.2E-02	0.3	5.0 U		
9/21/92	W2	0F	23,300									
9/21/92	W2	12		626 B		6.2	59 M	3.4	11	5.0 U		5,960
9/21/92	W2	12		626		6.2	19	3.4	11	5.0 U		
9/21/92	W2	12F	23,200									
9/21/92	W2	15		630		8.9	20	5.1	11	5.0 U		
9/21/92	W2	15F	24,200									
9/21/92	W2	18		12		8.8	21	4.0	7.0	5.0 U		
9/21/92	W2	18F	23,100									
9/21/92	W2	3		7.1 B		3.0	7.7	0.1	0.5	5.0 U		
9/21/92	W2	3F	23,200									
9/21/92	W2	6		7.5 B		2.6	53 M	0.1	0.4	5.0 U		6,800
9/21/92	W2	6		7.5		2.6	5.1	0.1	0.4	5.0 U		
9/21/92	W2	6F	23,200	B								
9/21/92	W2	9		31 B		3.0 M	5.6 M	0.3 M	0.7 M	5.0 UM		
9/21/92	W2	9F	23,800									
9/22/92	W1	0		624 M		2.4	6.2	0.2	0.4	5.0 U		
9/22/92	W1	12		677		5.3	59 M	3.6	5.3	5.0 U		6,360
9/22/92	W1	12		677		5.3	19	3.6	5.3	5.0 U		
9/22/92	W1	15		663		9.6	23	6.5	0.1 U	5.0 U		
9/22/92	W1	18		614		7.1	23	3.2	5.2	5.0 U		
9/22/92	W1	3		13		3.5	5.9	0.2	0.6	5.0 U		
9/22/92	W1	6		14		2.9	54 M	0.2	0.4	5.0 U		6,670
9/22/92	W1	6		14 B		2.9	7.2	0.2	0.4	5.0 U		
9/22/92	W1	9		16 B		2.7	8.4	0.2	0.5	5.0 U		
9/27/92	W12	1		B			2.4		0.5	5.0 U		
9/27/92	W12	10					2.8		0.5	5.0 U		
9/27/92	W12	15					3.0		0.8	5.0 U		
9/27/92	W12	5					2.4		0.4	5.0 U		
10/7/92	W12						46		0.9	7.0 U		
10/12/92	W1	15		868		10	16	8.4	12	7.0 U		
10/12/92	W1	3		38		2.0 M	5.4 M	0.4 M	1.4 M	7.2 M		
10/12/92	W1	9		44		2.4	4.4	0.4	1.1	7.0 U		
10/12/92	W2	15		880 M		11	20	9.2	12	7.0 U		
10/12/92	W2	15F	26,400		949						7.0 U	
10/12/92	W2	3		32		2.4	5.0	0.3	1.3	7.0 U		
10/12/92	W2	3F	26,000		4.1 B						7.0 U	
10/12/92	W2	9		38		2.0	4.5	0.3	0.7	7.0 U		
10/12/92	W2	9F	26,100		30						9.9 B	
10/18/92	W12	1					6.0		2.9	7.0 U		
10/18/92	W12	10					6.1		1.8	7.0 U		

Table I-1B. (cont.)

Date	Station	Depth	Magnesium (µg/L-dis)	Manganese (µg/L)	Manganese (ug/L-dis)	Mercury (ng/L-dis)	Mercury-total (ng/L)	Methyl-mercury (ng/L-dis)	Methyl-mercury-total (ng/L)	Nickel (µg/L)	Nickel (µg/L-dis)	Potassium (µg/L)
10/18/92	W12	15					7.4		1.7	7.0 U		
10/18/92	W12	5					6.4		1.6	7.0 U		
11/11/92	W12						2.2		1.7	7.0 U		
11/11/92	W12	W12								17 B		
11/16/92	W1	15		145		2.6	6.1	0.4	1.4	7.0 U		
11/16/92	W1	3		145		2.4	7.3	0.7	1.3	7.0 U		
11/16/92	W1	9		146		3.4 M	6.2 M	0.8 M	1.3 M	7.0 UM		
11/16/92	W2	15		146		2.2	5.4	0.6	1.2	7.0 U		
11/16/92	W2	15F	24,700	M								
11/16/92	W2	3		143		2.7	7.4	0.9	1.6	7.0 U		
11/16/92	W2	3F	25,100									
11/16/92	W2	9		144		2.3	5.3	0.8	1.5	7.0 U		
11/16/92	W2	9F	24,200									
11/24/92	W12	1					4.1		0.7 M	7.0 U		
11/24/92	W12	10					3.9		0.9	7.0 U		
11/24/92	W12	15					5.0		1.5	7.0 U		
11/24/92	W12	5					3.8		0.9	7.7 B		
12/9/92	W12						3.9 J		0.8	7.0 U		
12/18/92	W12	1					5.8		0.9	4.0 U		
12/18/92	W12	10					4.2		0.9	7.7 B		
12/18/92	W12	15					6.1		0.7	5.7 B		
12/18/92	W12	5					6.1		0.9	4.0 U		

Table I-1B. (cont.)

Date	Station	Depth	Selenium (µg/L)	Silver (µg/L)	Sodium (ug/L-dis)	Thallium (µg/L)	Vanadium (µg/L)	Zinc (µg/L)	Zinc (µg/L-dis)
4/8/92	W2	15						12 BJ	
4/8/92	W2	3						12 BJ	
4/8/92	W2	9						12 BJ	
4/13/92	W1	15						9.3 BJ	
4/13/92	W1	15F							
4/13/92	W1	3						102 J	
4/13/92	W1	3F							
4/13/92	W1	9						11	
4/13/92	W1	9F							
4/13/92	W1R	9R						8.1 BJ	
4/25/92	W12							6.9 B	
5/26/92	W2	0						50	
5/26/92	W2	12						46	
5/26/92	W2	15						5.7 B	
5/26/92	W2	18						5.2 B	
5/26/92	W2	3						2.7 B	
5/26/92	W2	6						3.2 B	
5/26/92	W2	9						5 B	
5/27/92	W1	0						19 B	
5/27/92	W1	12						15 B	
5/27/92	W1	15						32 M	
5/27/92	W1	18						12 B	
5/27/92	W1	3						51	
5/27/92	W1	6						29	
5/27/92	W1	9						15 B	
5/27/92	W12							6.1 B	
5/28/92	W1R	0R						15 B	
5/28/92	W1R	0RF							
5/28/92	W1R	12R						33	
5/28/92	W1R	12R							
5/28/92	W1R	15R						28	
5/28/92	W1R	15R							
5/28/92	W1R	18R						22 R	
5/28/92	W1R	18R							
5/28/92	W1R	3R						32	
5/28/92	W1R	3RF							
5/28/92	W1R	6R						29	
5/28/92	W1R	6RF							
5/28/92	W1R	9R						26	
5/28/92	W1R	9RF							
6/19/92	W12							16 BU	
6/23/92	W1	0						16 B	
6/23/92	W1	12						36	
6/23/92	W1	15						15 B	
6/23/92	W1	18						10 BJ	

Table I-1B. (cont.)

Date	Station	Depth	Selenium (µg/L)	Silver (µg/L)	Sodium (ug/L-dis)	Thallium (µg/L)	Vanadium (µg/L)	Zinc (µg/L)	Zinc (µg/L-dis)
6/23/92	W1	3						38	
6/23/92	W1	6						6 B	
6/23/92	W1	9						16 M	
6/23/92	W2	0						80	
6/23/92	W2	12						23	
6/23/92	W2	15						17 B	
6/23/92	W2	18						35	
6/23/92	W2	3						21	
6/23/92	W2	6						22	
6/23/92	W2	9						19 B	
6/24/92	W1R	0R						38 J	
6/24/92	W1R	0RF							
6/24/92	W1R	12R						12 BJ	
6/24/92	W1R	12R							
6/24/92	W1R	15R						143 J	
6/24/92	W1R	15R							
6/24/92	W1R	18R						18 J	
6/24/92	W1R	18R							
6/24/92	W1R	3R						13 BJ	
6/24/92	W1R	3RF							
6/24/92	W1R	6R						20 BJ	
6/24/92	W1R	6RF							
6/24/92	W1R	9R						13 BJ	
6/24/92	W1R	9RF							
6/25/92	W1	0							
6/25/92	W1	12							
6/25/92	W1	15							
6/25/92	W1	18							
6/25/92	W1	3							
6/25/92	W1	6							
6/25/92	W1	9							
6/25/92	W2	0							
6/25/92	W2	12							
6/25/92	W2	15							
6/25/92	W2	18							
6/25/92	W2	3							
6/25/92	W2	6							
6/25/92	W2	9							
7/21/92	W1	0						4.3 B	
7/21/92	W1	12						6.0	
7/21/92	W1	15						7.9 B	
7/21/92	W1	18						8.0 B	
7/21/92	W1	3						5.0 B	
7/21/92	W1	6						5.5 M	
7/21/92	W1	9						6.5 B	

Table I-1B. (cont.)

Date	Station	Depth	Selenium (µg/L)	Silver (µg/L)	Sodium (ug/L-dis)	Thallium (µg/L)	Vanadium (µg/L)	Zinc (µg/L)	Zinc (µg/L-dis)
7/21/92	W2	0						7.6 B	
7/21/92	W2	12						9.6 B	
7/21/92	W2	15						8.5 B	
7/21/92	W2	18						8.4 B	
7/21/92	W2	3						20	
7/21/92	W2	6						8.8 B	
7/21/92	W2	9						9.7 B	
7/22/92	W1R	0R						128	
7/22/92	W1R	0RF							
7/22/92	W1R	12R						11 B	
7/22/92	W1R	12R							
7/22/92	W1R	15R						7.8 B	
7/22/92	W1R	15R							
7/22/92	W1R	18R						7.4 B	
7/22/92	W1R	18R							
7/22/92	W1R	3R						4.3 B	
7/22/92	W1R	3RF							
7/22/92	W1R	6R						5.8 B	
7/22/92	W1R	6RF							
7/22/92	W1R	9R						5.4 B	
7/22/92	W1R	9RF							
7/30/92	W12							6.3 BJ	
8/18/92	W12							6.3 BU	
8/24/92	W2	0						11 BJ	
8/24/92	W2	12						6.6 BJ	
8/24/92	W2	15						42 J	
8/24/92	W2	18						28 J	
8/24/92	W2	3						33 J	
8/24/92	W2	6						11 BJ	
8/24/92	W2	9						8.3 BJ	
8/25/92	W1	0						18 BJ	
8/25/92	W1	0F							
8/25/92	W1	12						17 BJ	
8/25/92	W1	12F							
8/25/92	W1	15						24 J	
8/25/92	W1	15F							
8/25/92	W1	18						9.5 BJ	
8/25/92	W1	18F							
8/25/92	W1	3						36 J	
8/25/92	W1	3F							
8/25/92	W1	6						16 BJ	
8/25/92	W1	6F							
8/25/92	W1	9						87 M	
8/25/92	W1	9F							
8/29/92	W12	1						16 BU	

Table I-1B. (cont.)

Date	Station	Depth	Selenium (µg/L)	Silver (µg/L)	Sodium (ug/L-dis)	Thallium (µg/L)	Vanadium (µg/L)	Zinc (µg/L)	Zinc (µg/L-dis)
8/29/92	W12	10						11 BU	
8/29/92	W12	15						9.4 BU	
8/29/92	W12	5						14 BU	
9/17/92	W12							14 B	
9/21/92	W2	0						8.5 BJ	
9/21/92	W2	0F							
9/21/92	W2	12	1.0 U	2.0 U		5.0 UJ	4.0 U	2.0 U	
9/21/92	W2	12						2.0 U	
9/21/92	W2	12F							
9/21/92	W2	15						2.0 UJ	
9/21/92	W2	15F							
9/21/92	W2	18						4.7 BJ	
9/21/92	W2	18F							
9/21/92	W2	3						13 BJ	
9/21/92	W2	3F							
9/21/92	W2	6	1.0 U	2.0 U		5.0 UJ	4.0 U	2.0 U	
9/21/92	W2	6						2.0 U	
9/21/92	W2	6F							
9/21/92	W2	9						17 M	
9/21/92	W2	9F							
9/22/92	W1	0						16 BJ	
9/22/92	W1	12	1.0 U	2.0 U		5.0 UJ	4.0 U	17 B	
9/22/92	W1	12						17 B	
9/22/92	W1	15						17 BJ	
9/22/92	W1	18						2.0 UJ	
9/22/92	W1	3						2.3 BJ	
9/22/92	W1	6	1.0 U	2.0 U		5.0 UJ	4.0 U	3.4 B	
9/22/92	W1	6						3.4 B	
9/22/92	W1	9						2.5 BJ	
9/27/92	W12	1						15 BU	
9/27/92	W12	10						6.0 BU	
9/27/92	W12	15						7.6 BU	
9/27/92	W12	5						4.6 BU	
10/7/92	W12							6.3 BU	
10/12/92	W1	15						7.7 B	
10/12/92	W1	3						14 M	
10/12/92	W1	9						13 B	
10/12/92	W2	15						17 B	
10/12/92	W2	15F			252,000				13 B
10/12/92	W2	3						5.1 B	
10/12/92	W2	3F			231,000				22
10/12/92	W2	9						13 B	
10/12/92	W2	9F			236,000				16 B
10/18/92	W12	1						6.7 B	
10/18/92	W12	10						8.1 B	

Table I-1B. (cont.)

Date	Station	Depth	Selenium (µg/L)	Silver (µg/L)	Sodium (ug/L-dis)	Thallium (µg/L)	Vanadium (µg/L)	Zinc (µg/L)	Zinc (µg/L-dis)
10/18/92	W12	15						3.3 B	
10/18/92	W12	5						7.2 B	
11/11/92	W12							5.3	
11/11/92	W12	W12						13 B	
11/16/92	W1	15						3.9 B	
11/16/92	W1	3						6.6 B	
11/16/92	W1	9						5.4 M	
11/16/92	W2	15						4.9 B	
11/16/92	W2	15F							
11/16/92	W2	3						3.6	
11/16/92	W2	3F							
11/16/92	W2	9						17 B	
11/16/92	W2	9F							
11/24/92	W12	1						47	
11/24/92	W12	10						5.9 B	
11/24/92	W12	15						11 B	
11/24/92	W12	5						11 B	
12/9/92	W12							4.2 BU	
12/18/92	W12	1						47 J	
12/18/92	W12	10						16 BJ	
12/18/92	W12	15						7.4 BJ	
12/18/92	W12	5						13 BJ	

Table I-1C. 1992 Onondaga Lake Surface Water, Organics

Date	Station	Depth	1,2,3-Trichloro-benzene (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,2-Dichloro-benzene (µg/L)	1,3,5-Trichloro-benzene (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	Dichloro-benzenes (Sum) (µg/L)
4/8/92	W2	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4/8/92	W2	9	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4/8/92	W2	15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4/13/92	W1	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4/13/92	W1	9	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM
4/13/92	W1R	9R	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4/13/92	W1	15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4/25/92	W12		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
5/26/92	W2	0	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U
5/26/92	W2	3	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U
5/26/92	W2	6	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U
5/26/92	W2	9	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U
5/26/92	W2	12	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U
5/26/92	W2	15	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U
5/26/92	W2	18	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U
5/27/92	W1	0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
5/27/92	W1	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
5/27/92	W1	6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
5/27/92	W1	9	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
5/27/92	W1	12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
5/27/92	W1	15	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM
5/27/92	W1	18	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
5/27/92	W12		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
5/28/92	W1R	0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
5/28/92	W1R	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
5/28/92	W1R	6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
5/28/92	W1R	9	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
5/28/92	W1R	12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
5/28/92	W1R	15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
5/28/92	W1R	18	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
6/19/92	W12		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
6/23/92	W1	0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table I-1C. (cont.)

Date	Station	Depth	1,2,3-Trichloro-benzene (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,2-Dichloro-benzene (µg/L)	1,3,5-Trichloro-benzene (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	Dichloro-benzenes (Sum) (µg/L)
6/23/92	W1	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
6/23/92	W1	6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
6/23/92	W1	9	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM
6/23/92	W1	12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
6/23/92	W1	15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
6/23/92	W1	18	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
6/23/92	W2	0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
6/23/92	W2	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
6/23/92	W2	6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
6/23/92	W2	9	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
6/23/92	W2	12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
6/23/92	W2	15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
6/23/92	W2	18	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
6/24/92	W1R	0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
6/24/92	W1R	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
6/24/92	W1R	6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
6/24/92	W1R	9	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
6/24/92	W1R	12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
6/24/92	W1R	15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
6/24/92	W1R	18	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
7/21/92	W1	0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
7/21/92	W1	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
7/21/92	W1	6	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM
7/21/92	W1	9	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
7/21/92	W1	12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
7/21/92	W1	15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
7/21/92	W1	18	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
7/21/92	W2	0	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U
7/21/92	W2	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
7/21/92	W2	6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
7/21/92	W2	9	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
7/21/92	W2	12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table I-1C. (cont.)

Date	Station	Depth	1,2,3-Trichloro-benzene (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,2-Dichloro-benzene (µg/L)	1,3,5-Trichloro-benzene (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	Dichloro-benzenes (Sum) (µg/L)
7/21/92	W2	15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/27/92	W12	10	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/27/92	W12	15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/18/92	W12	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/18/92	W12	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/18/92	W12	10	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/18/92	W12	15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
11/24/92	W12	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
11/24/92	W12	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
11/24/92	W12	10	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
11/24/92	W12	15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
12/18/92	W12	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
12/18/92	W12	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
12/18/92	W12	10	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
12/18/92	W12	15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
7/21/92	W2	18	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
7/22/92	W1R	0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
7/22/92	W1R	3	2.7 J	2.4 J	1.7 J	1.6 J	1.2 J	1.7 J	4.6
7/22/92	W1R	6	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U
7/22/92	W1R	9	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U
7/22/92	W1R	12	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U
7/22/92	W1R	15	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U
7/22/92	W1R	18	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U
7/30/92	W12		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
8/18/92	W12		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
8/24/92	W2	0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
8/24/92	W2	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
8/24/92	W2	6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
8/24/92	W2	9	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
8/24/92	W2	12	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U
8/24/92	W2	15	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U
8/24/92	W2	18	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U

Table I-1C. (cont.)

Date	Station	Depth	1,2,3-Trichloro-benzene (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,2-Dichloro-benzene (µg/L)	1,3,5-Trichloro-benzene (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	Dichloro-benzenes (Sum) (µg/L)
8/25/92	W1	0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
8/25/92	W1	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
8/25/92	W1	6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
8/25/92	W1	9	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM
8/25/92	W1	12	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
8/25/92	W1	15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
8/25/92	W1	18	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
8/29/92	W12	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
8/29/92	W12	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
8/29/92	W12	10							
8/29/92	W12	15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/17/92	W12		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/21/92	W2	0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/21/92	W2	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/21/92	W2	6		10 U	10 U		10 U	10 U	10 U
9/21/92	W2	9	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM
9/21/92	W2	12	1.0 U	5.5 UM	5.5 UM	1.0 U	5.5 UM	5.5 UM	5.5 UM
9/21/92	W2	15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/21/92	W2	18	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/22/92	W1	0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/22/92	W1	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/22/92	W1	6		10 U	10 U		10 U	10 U	10 U
9/22/92	W1	9	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/22/92	W1	12		10 U	10 U		10 U	10 U	10 U
9/22/92	W1	15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/22/92	W1	18	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/27/92	W12	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/27/92	W12	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table I-1C. (cont.)

Date	Station	Depth	Hexachloro-benzene (µg/L)	Trichloro-benzenes (Sum) (µg/L)	Benzene (µg/L)	Chloro-benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylene (Total) (µg/L)
4/8/92	W2	3		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4/8/92	W2	9		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4/8/92	W2	15		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4/13/92	W1	3		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4/13/92	W1	9		1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM
4/13/92	W1R	9R		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4/13/92	W1	15		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4/25/92	W12		0.5 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
5/26/92	W2	0		1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
5/26/92	W2	3		1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
5/26/92	W2	6		1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
5/26/92	W2	9		1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
5/26/92	W2	12		1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
5/26/92	W2	15		1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
5/26/92	W2	18		1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
5/27/92	W1	0		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
5/27/92	W1	3		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
5/27/92	W1	6		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
5/27/92	W1	9		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
5/27/92	W1	12		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
5/27/92	W1	15		1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM
5/27/92	W1	18		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
5/27/92	W12		0.5 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
5/28/92	W1R	0		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
5/28/92	W1R	3		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
5/28/92	W1R	6		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
5/28/92	W1R	9		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
5/28/92	W1R	12		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
5/28/92	W1R	15		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
5/28/92	W1R	18		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
6/19/92	W12		0.5 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
6/23/92	W1	0		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table I-1C. (cont.)

Date	Station	Depth	Hexachloro-benzene (µg/L)	Trichloro-benzenes (Sum) (µg/L)	Benzene (µg/L)	Chloro-benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylene (Total) (µg/L)
6/23/92	W1	3		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
6/23/92	W1	6		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
6/23/92	W1	9		1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM
6/23/92	W1	12		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
6/23/92	W1	15		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
6/23/92	W1	18		1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U
6/23/92	W2	0		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
6/23/92	W2	3		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
6/23/92	W2	6		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
6/23/92	W2	9		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
6/23/92	W2	12		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
6/23/92	W2	15		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
6/23/92	W2	18		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
6/24/92	W1R	0		1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1 U
6/24/92	W1R	3		1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1 U
6/24/92	W1R	6		1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1 U
6/24/92	W1R	9		1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1 U
6/24/92	W1R	12		1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1 U
6/24/92	W1R	15		1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1 U
6/24/92	W1R	18		1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1 U
7/21/92	W1	0		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
7/21/92	W1	3		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
7/21/92	W1	6		1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1 UM
7/21/92	W1	9		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
7/21/92	W1	12		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
7/21/92	W1	15		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
7/21/92	W1	18		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
7/21/92	W2	0		1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1 UJ
7/21/92	W2	3		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
7/21/92	W2	6		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
7/21/92	W2	9		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
7/21/92	W2	12		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U

Table I-1C. (cont.)

Date	Station	Depth	Hexachloro-benzene (µg/L)	Trichloro-benzenes (Sum) (µg/L)	Benzene (µg/L)	Chloro-benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylene (Total) (µg/L)
7/21/92	W2	15		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U
9/27/92	W12	10	5.0E-02 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/27/92	W12	15	5.0E-02 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/18/92	W12	1	5.0E-02 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/18/92	W12	5	5.0E-02 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/18/92	W12	10	5.0E-02 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/18/92	W12	15	5.0E-02 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
11/24/92	W12	1	5.0E-02 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
11/24/92	W12	5	5.0E-02 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
11/24/92	W12	10	5.0E-02 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
11/24/92	W12	15	5.0E-02 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
12/18/92	W12	1	5.0E-02 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
12/18/92	W12	5	5.0E-02 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
12/18/92	W12	10	5.0E-02 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
12/18/92	W12	15	5.0E-02 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
7/21/92	W2	18		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
7/22/92	W1R	0		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
7/22/92	W1R	3		6.7	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
7/22/92	W1R	6		1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
7/22/92	W1R	9		1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
7/22/92	W1R	12		1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
7/22/92	W1R	15		1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
7/22/92	W1R	18		1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
7/30/92	W12		5.0E-02 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.0 U
8/18/92	W12		5.0E-02 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.0 U
8/24/92	W2	0		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
8/24/92	W2	3		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
8/24/92	W2	6		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
8/24/92	W2	9		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
8/24/92	W2	12		1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
8/24/92	W2	15		1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
8/24/92	W2	18		1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ

Table I-1C. (cont.)

Date	Station	Depth	Hexachloro-benzene (µg/L)	Trichloro-benzenes (Sum) (µg/L)	Benzene (µg/L)	Chloro-benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylene (Total) (µg/L)
8/25/92	W1	0		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
8/25/92	W1	3		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
8/25/92	W1	6		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
8/25/92	W1	9		1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM
8/25/92	W1	12		1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ
8/25/92	W1	15		1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ
8/25/92	W1	18		1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U
8/29/92	W12	1	5.0E-02 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U
8/29/92	W12	5	5.0E-02 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U
8/29/92	W12	10	5.0E-02 UJ						
8/29/92	W12	15	5.0E-02 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U
9/17/92	W12		5.0E-02 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.0 U
9/21/92	W2	0		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/21/92	W2	3		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/21/92	W2	6	10 U	10 U	10 U	10 U	10 U	10 U	10 U
9/21/92	W2	9		1 UM	1 UM	1 UM	1 UM	1 UM	1 UM
9/21/92	W2	12	10 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/21/92	W2	15		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/21/92	W2	18		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/22/92	W1	0		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/22/92	W1	3		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/22/92	W1	6	10 U	10 U	10 U	10 U	10 U	10 U	10 U
9/22/92	W1	9		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/22/92	W1	12	10 U	10 U	10 U	10 U	10 U	10 U	10 U
9/22/92	W1	15		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/22/92	W1	18		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/27/92	W12	1	5.0E-02 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/27/92	W12	5	5.0E-02 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table I-1C. (cont.)

Analyte	Units	Date / Station / Depth (m)	9/21/92 W2 6	9/21/92 W2 12	9/22/92 W1 6	9/22/92 W1 12
2,2'-Oxybis(1-chloropropane)	(µg/L)		10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	(µg/L)		25 U	25 U	25 U	25 U
2,4,6-Trichlorophenol	(µg/L)		10 U	10 U	10 U	10 U
2,4-Dichlorophenol	(µg/L)		10 U	10 U	10 U	10 U
2,4-Dimethylphenol	(µg/L)		10 U	10 U	10 U	10 U
2,4-Dinitrophenol	(µg/L)		25 U	25 U	25 U	25 U
2,4-Dinitrotoluene	(µg/L)		10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	(µg/L)		10 U	10 U	10 U	10 U
2-Chloronaphthalene	(µg/L)		10 U	10 U	10 U	10 U
2-Chlorophenol	(µg/L)		10 U	10 U	10 U	10 U
2-Methyl-4,6-dinitrophenol	(µg/L)		25 U	25 U	25 U	25 U
2-Methylnaphthalene	(µg/L)		10 U	10 U	10 U	10 U
2-Methylphenol	(µg/L)		10 U	10 U	10 U	10 U
2-Nitroaniline	(µg/L)		25 U	25 U	25 U	25 U
2-Nitrophenol	(µg/L)		10 U	10 U	10 U	10 U
3,3-Dichlorobenzidine	(µg/L)		10 UJ	10 UJ	10 UJ	10 UJ
3-Nitroaniline	(µg/L)		25 UJ	25 UJ	25 UJ	25 UJ
4-Bromophenyl-phenyl ether	(µg/L)		10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	(µg/L)		10 U	10 U	10 U	10 U
4-Chloroaniline	(µg/L)		10 U	10 U	10 U	10 U
4-Chlorophenyl-phenyl ether	(µg/L)		10 U	10 U	10 U	10 U
4-Methylphenol	(µg/L)		10 U	10 U	10 U	10 U
4-Nitroaniline	(µg/L)		25 U	25 U	25 U	25 U
4-Nitrophenol	(µg/L)		25 U	25 U	25 U	25 U
Acenaphthene	(µg/L)		10 U	10 U	10 U	10 U
Acenaphthylene	(µg/L)		10 U	10 U	10 U	10 U
Anthracene	(µg/L)		10 U	10 U	10 U	10 U
Benz(a)anthracene	(µg/L)		10 U	10 U	10 U	10 U
Benzo(a)pyrene	(µg/L)		10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	(µg/L)		10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	(µg/L)		10 U	10 U	10 U	10 U
Chrysene	(µg/L)		10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	(µg/L)		10 U	10 U	10 U	10 U

Table I-1C. (cont.)

Analyte	Units	Date / Station / Depth (m)	9/21/92 W2 6	9/21/92 W2 12	9/22/92 W1 6	9/22/92 W1 12
Dibenzofuran	(µg/L)		10 U	10 U	10 U	10 U
Diethylphthalate	(µg/L)		10 U	10 U	10 U	10 U
Dimethylphthalate	(µg/L)		10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	(µg/L)		10 U	10 U	10 U	10 U
Bis(2-chloroethoxy)methane	(µg/L)		10 U	10 U	10 U	10 U
Bis(2-chloroethyl)ether	(µg/L)		10 U	10 U	10 U	10 U
Bis(2-ethylhexyl)phthalate	(µg/L)		10	2.0 J	2.0 J	2.0 J
Butylbenzylphthalate	(µg/L)		10 U	10 U	10 U	10 U
Carbazole	(µg/L)		10 U	10 U	10 U	10 U
Di-n-butylphthalate	(µg/L)		10 U	10 U	10 U	10 U
Di-n-octylphthalate	(µg/L)		10 U	10 U	10 U	10 U
Fluoranthene	(µg/L)		10 U	10 U	10 U	10 U
Fluorene	(µg/L)		10 U	10 U	10 U	10 U
Hexachlorobutadiene	(µg/L)		10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	(µg/L)		10 U	10 U	10 U	10 U
Hexa-chloroethane	(µg/L)		10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	(µg/L)		10 U	10 U	10 U	10 U
Isophorone	(µg/L)		10 U	10 U	10 U	10 U
Naphthalene	(µg/L)		10 U	10 U	10 U	10 U
Nitrobenzene	(µg/L)		10 U	10 U	10 U	10 U
N-nitroso-di-n-propylamine	(µg/L)		10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine(1)	(µg/L)		10 U	10 U	10 U	10 U
Pentachlorophenol	(µg/L)		25 U	25 U	25 U	25 U
Phenanthrene	(µg/L)		10 U	10 U	10 U	10 U
Phenol	(µg/L)		10 U	10 U	10 U	10 U
Pyrene	(µg/L)		10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	(µg/L)		10 U		10 U	10 U
1,1,2,2-Tetrachloroethane	(µg/L)		10 U		10 U	10 U
1,1,2-Trichloroethane	(µg/L)		10 U		10 U	10 U
1,1-Dichloroethane	(µg/L)		10 U		10 U	10 U
1,1-Dichloroethene	(µg/L)		10 U		10 U	10 U
1,2-Dichloroethane	(µg/L)		10 U		10 U	10 U
1,2-Dichloroethene (Total)	(µg/L)		10 U		10 U	10 U

Table I-1C. (cont.)

Analyte	Units	Date / Station / Depth (m)	9/21/92 W2 6	9/21/92 W2 12	9/22/92 W1 6	9/22/92 W1 12
1,2-Dichloropropane	(µg/L)		10 U		10 U	10 U
2-Butanone	(µg/L)		10 UJ		10 UJ	10 UJ
2-Hexanone	(µg/L)		10 UJ		10 UJ	10 UJ
4-Methyl-2-pentanone	(µg/L)		10 UJ		10 UJ	10 UJ
Acetone	(µg/L)		10 UJ		10 UJ	10 UJ
Bromodichloromethane	(µg/L)		10 U		10 U	10 U
Bromoform	(µg/L)		10 U		10 U	10 U
Bromomethane	(µg/L)		10 U		10 U	10 U
Carbon disulfide	(µg/L)		10 U		10 U	10 U
Carbon Tetrachloride	(µg/L)		10 U		10 U	10 U
Chloroethane	(µg/L)		10 U		10 U	10 U
Chloroform	(µg/L)		10 U		10 U	10 U
Chloromethane	(µg/L)		10 U		10 U	10 U
Cis-1,3-dichloropropene	(µg/L)		10 U		10 U	10 U
Dibromo-chloromethane	(µg/L)		10 U		10 U	10 U
Methylene chloride	(µg/L)		10 U		10 U	10 U
Styrene	(µg/L)		10 U		10 U	10 U

Table I-1D. 1992 Onondaga Lake Surface Water, Pesticides/PCBs

Analyte	Units	Date Station Depth ft	9/21/92 W2 12	9/21/92 W2 6	9/22/92 W1 12	9/22/92 W1 6
4,4'-DDD	µg/L-ww		0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDE	µg/L-ww		0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDT	µg/L-ww		0.1 U	0.1 U	0.1 U	0.1 U
Aldrin	µg/L-ww		5.0E-02 U	5.0E-02 U	5.2E-02 U	5.0E-02 U
alpha-BHC	µg/L-ww		5.0E-02 U	5.0E-02 U	5.2E-02 U	5.0E-02 U
alpha-Chlordane	µg/L-ww		5.0E-02 U	5.0E-02 U	5.2E-02 U	5.0E-02 U
Aroclor-1016	µg/L-ww		1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1221	µg/L-ww		2.0 U	2.0 U	2.1 U	2.0 U
Aroclor-1232	µg/L-ww		1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1242	µg/L-ww		1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1248	µg/L-ww		1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1254	µg/L-ww		1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1260	µg/L-ww		1.0 U	1.0 U	1.0 U	1.0 U
beta-BHC	µg/L-ww		5.0E-02 U	5.0E-02 U	5.2E-02 U	5.0E-02 U
Chlordane (Sum)	µg/L-ww		5.0E-02 U	5.0E-02 U	5.2E-02 U	5.0E-02 U
Chlordane	µg/L-ww		5.0E-02 U	5.0E-02 U	5.2E-02 U	5.0E-02 U
delta-BHC	µg/L-ww		5.0E-02 U	5.0E-02 U	5.2E-02 U	5.0E-02 U
Dieldrin	µg/L-ww		0.1 U	0.1 U	0.1 U	0.1 U
Endosulfan I	µg/L-ww		5.0E-02 U	5.0E-02 U	5.2E-02 U	5.0E-02 U
Endosulfan II	µg/L-ww		0.1 U	0.1 U	0.1 U	0.1 U
Endosulfan sulfate	µg/L-ww		0.1 U	0.1 U	0.1 U	0.1 U
Endrin aldehyde	µg/L-ww		0.1 U	0.1 U	0.1 U	0.1 U
Endrin ketone	µg/L-ww		0.1 U	0.1 U	0.1 U	0.1 U
Endrin	µg/L-ww		0.1 U	0.1 U	0.1 U	0.1 U
gamma-BHC (Lindane)	µg/L-ww		5.0E-02 U	5.0E-02 U	5.2E-02 U	5.0E-02 U
gamma-Chlordane	µg/L-ww		5.0E-02 U	5.0E-02 U	5.2E-02 U	5.0E-02 U
Heptachlor epoxide	µg/L-ww		5.0E-02 U	5.0E-02 U	5.2E-02 U	5.0E-02 U
Heptachlor	µg/L-ww		5.0E-02 U	5.0E-02 U	5.2E-02 U	5.0E-02 U
Methoxychlor	µg/L-ww		0.5 U	0.5 U	0.52 U	0.5 U
PCBs (Sum)	µg/L-ww		1.0 U	1.0 U	1.0 U	1.0 U
Toxaphene	µg/L-ww		5.0 U	5.0 U	5.2 U	5.0 U

Table I-2A. 1992 Tributary Surface Water and Metro Discharge, Conventional Analytes

Date	Flow	Station	ID	Ammonia-nitrogen (mg/L)	Carbon dioxide (mg/L)	Chloride (mg/L)	Conductivity (μmho/c)	Dissolved oxygen (mg/L)	pH	Sulfate (mg/L)
8/29/1992	high	W3E					1,900	8.7	7.6 R	
9/26/1992	high	W3E					900	8.3	7.4 R	
11/23/1992	high	W3E					1,050		8.1 R	
12/17/1992	high	W3E					1,560	11		
9/26/1992	high	W6					850	10	8.0 R	
12/17/1992	high	W6					1,070	12	8.8 R	
4/24/1992	high	W10		0.4 M		604 M				193 M
4/24/1992	high	W10					2,530	10	7.7	
4/24/1992	high	W10					2,530	10	7.7	
7/27/1992	high	W10		0.2 J		380				117
7/27/1992	high	W10					1,740	8.4	7.9	
8/29/1992	high	W10					1,100	7.1	8.2 R	
9/28/1992	high	W10					1,450	9.2	6.4 R	
6/17/1992	high	W7		1.6		461				305 J
6/17/1992	high	W7					2,370	5.5 J	8.1	
12/7/1992	high	W7		4.4 M		587 M				433 M
12/7/1992	high	W7					3,160	4.3	8.1	
12/16/1992	high	W7					3,480	7.3	8.6 R	
4/10/1992	high	W5		0.3 U		253				397
4/10/1992	high	W5					1,840	13	7.9	
8/29/1992	high	W5					1,110	6.3	8.2 R	
9/26/1992	high	W5					960	8.0	8.3 R	
11/22/1992	high	W5					930		8.5 R	
12/17/1992	high	W5					1,030		8.6 R	
4/10/1992	high	W8		0.3 U		376				115
4/11/1992	high	W8					1,328	8.7	8.1	
8/29/1992	high	W8					1,390	6.4	8.1 R	
9/26/1992	high	W8					1,110	11	8.1 R	
11/22/1992	high	W8					2,800		8.9 R	
12/17/1992	high	W8					3,700	11		
4/22/1992	high	W4		0.3 U		372				114
8/29/1992	high	W4					620	8.7	8.1 R	
12/17/1992	high	W9					870		8.6 R	
12/17/1992	high	W11					1,720		8.4 R	
4/25/92	high	W12		1.5		416				148
11/9/1992	intermediate	W3E					1,286	9.4	7.3	
11/10/1992	intermediate	W3E		22 J		158				158

Table I-2A. (cont.)

Date	Flow	Station	ID	Ammonia-nitrogen (mg/L)	Carbon dioxide (mg/L)	Chloride (mg/L)	Conductivity (μmho/c)	Dissolved oxygen (mg/L)	pH	Sulfate (mg/L)
12/8/1992	intermediate	W3E		20		372				172
12/8/1992	intermediate	W3E					2,000	9.1	7.2	
4/22/1992	intermediate	W6		0.9		274				157
4/22/1992	intermediate	W6					1,487	6.6	7.3	
4/22/1992	intermediate	W6					1,489	6.0	7.4	
5/25/1992	intermediate	W6		0.6		226				135 J
5/25/1992	intermediate	W6					1,710 J		7.5 J	
7/28/1992	intermediate	W6		0.6 J		263				165
7/28/1992	intermediate	W6					1,540	5.9	7.5	
10/17/1992	intermediate	W6					810	5.5	8.7 R	
11/9/1992	intermediate	W6		0.5 J		197				127
11/9/1992	intermediate	W6					1,239	11	7.3	
11/21/1992	intermediate	W6					850		8.6 R	
12/7/1992	intermediate	W6		0.5		386				164
12/7/1992	intermediate	W6					1,860	11	7.4	
8/15/1992	intermediate	W10		0.3 J		544				169
8/15/1992	intermediate	W10					2,250	9.2	7.7	
10/6/1992	intermediate	W10		0.4		644				236
10/6/1992	intermediate	W10					2,550	11	7.9	
10/24/1992	intermediate	W10					2,680	14	8.2 R	
11/10/1992	intermediate	W10		0.4 J		677				192
11/10/1992	intermediate	W10					2,720	13	7.6	
11/21/1992	intermediate	W10					1,300		8.5 R	
12/8/1992	intermediate	W10		0.4 J		737				231
12/8/1992	intermediate	W10					3,160	14	7.6	
12/16/1992	intermediate	W10					1,700	11	8.9 R	
8/29/1992	intermediate	W7					1,410	6.3	8.0 R	
9/18/1992	intermediate	W7		1.9 J	1.0 U	414				410
9/18/1992	intermediate	W7					2,570	5.5	8.5	
11/22/1992	intermediate	W7					1,350		8.9 R	
7/29/1992	intermediate	W5		0.2		293				399
7/29/1992	intermediate	W5					2,040	9.0	8.1	
10/24/1992	intermediate	W5					1,510	15	8.4 R	
7/28/1992	intermediate	W8		0.1 M		338 M				122 M
7/28/1992	intermediate	W8					1,440	5.0	8.3	
10/17/1992	intermediate	W8					1,770		8.8 R	
10/24/1992	intermediate	W8					1,450	12	8.6 R	
5/25/1992	intermediate	W4		0.2		862				225 J

Table I-2A. (cont.)

Date	Flow	Station	ID	Ammonia-nitrogen (mg/L)	Carbon dioxide (mg/L)	Chloride (mg/L)	Conductivity (μmho/c)	Dissolved oxygen (mg/L)	pH	Sulfate (mg/L)
5/25/1992	intermediate	W4					3,610 J		7.9 J	
7/28/1992	intermediate	W4		0.1 J		480				116
7/28/1992	intermediate	W4					1,990	8.2	7.9	
7/28/1992	intermediate	W4					2,020	8.1	7.9	
7/28/1992	intermediate	W4					2,040	8.1	7.9	
7/28/1992	intermediate	W4					2,130	7.7	7.8	
8/15/1992	intermediate	W4		0.2 J		734 M				171
8/15/1992	intermediate	W4					2,880	7.8	7.6	
8/15/1992	intermediate	W4					2,950	7.6	7.6	
8/15/1992	intermediate	W4					2,980	7.6	7.5	
9/26/1992	intermediate	W4					2,270	11	8.1 R	
10/17/1992	intermediate	W4					2,980	10	8.6 R	
11/9/1992	intermediate	W4		0.4 J		526				105
11/9/1992	intermediate	W4					2,300	12	7.6	
11/22/1992	intermediate	W4					1,850		8.5 R	
12/7/1992	intermediate	W4		0.1		604				138
12/7/1992	intermediate	W4					3,600	12	7.7	
12/16/1992	intermediate	W4					1,970		9.1 R	
5/27/92	intermediate	W12		1.2		465				149
7/30/92	intermediate	W12		1.8 J		450				142
8/18/92	intermediate	W12		1.5 J		424				155
10/7/92	intermediate	W12		2.2		489				205
11/11/92	intermediate	W12		3.0 J		499				133
9/15/1992	base	W3E		4.7		163				182
9/15/1992	base	W3E					1,234	8.3	7.3	
10/6/1992	base	W3E		14		157				213
10/6/1992	base	W3E					426	9.2	7.3	
10/17/1992	base	W3E					1,040		7.9 R	
6/18/1992	base	W6		0.6		323				250 J
6/18/1992	base	W6					1,520	8.4 J	7.8	
8/15/1992	base	W6		0.5 J		277				184
8/15/1992	base	W6					1,590	7.0	7.4	
9/16/1992	base	W6		0.6		283				201
9/16/1992	base	W6					1,540	5.4	7.6	
10/5/1992	base	W6		0.5		302				206
10/5/1992	base	W6					1,680	9.4	7.7	
5/26/1992	base	W10		0.6		1,121				364 J
5/26/1992	base	W10					4,470 J		8.0 J	

Table I-2A. (cont.)

Date	Flow	Station	ID	Ammonia-nitrogen (mg/L)	Carbon dioxide (mg/L)	Chloride (mg/L)	Conductivity (μmho/c)	Dissolved oxygen (mg/L)	pH	Sulfate (mg/L)
6/17/1992	base	W10		0.6		1,411				349 J
6/17/1992	base	W10					3,510	12 J	7.9	
9/16/1992	base	W10		0.7		1,219				334
9/16/1992	base	W10					4,120	8.3	7.7	
4/10/1992	base	W7		2.1		610				250
4/11/1992	base	W7					2,100	7.2	8.6	
5/27/1992	base	W7		1.6 M		313 M				182 M
5/27/1992	base	W7					1,593 J		8.3 J	
7/29/1992	base	W7		1.7 J		453				203
7/29/1992	base	W7					2,080	3.7	7.7	
8/17/1992	base	W7		1.4 J		397				274
8/17/1992	base	W7					2,010	2.7	7.7	
9/4/1992	base	W7								
9/26/1992	base	W7					990	7.9	8.9 R	
10/5/1992	base	W7		2.9 M		463 M				675 M
10/5/1992	base	W7					2,910	5.9	8.0	
10/24/1992	base	W7					1,620	8.5	8.7 R	
11/9/1992	base	W7		3.7 J		429				430
11/9/1992	base	W7					2,510	3.3	7.9	
5/25/1992	base	W5		0.1		270				598 J
5/25/1992	base	W5					1,629 J		8.1 J	
6/18/1992	base	W5		0.1		270				576 J
6/18/1992	base	W5					780	10 J	8.3	
8/16/1992	base	W5		0.1 M		269 M				643 M
8/16/1992	base	W5					2,030	9.3	7.9	
9/4/1992	base	W5								
9/18/1992	base	W5		0.3 J	5.8	274				466
9/18/1992	base	W5					2,040	8.8	8.2	
10/5/1992	base	W5		0.1		261				706
10/5/1992	base	W5					1,990	10	8.0	
11/9/1992	base	W5		0.2 J		262				398
11/9/1992	base	W5					1,800	12	8.0	
12/7/1992	base	W5		0.1		366				424
12/7/1992	base	W5					2,380	11	8.0	
5/25/1992	base	W8		0.1		303				137 J
5/25/1992	base	W8					1,168 J		8.4 J	
6/18/1992	base	W8		4.2E-02		306				137 J
6/18/1992	base	W8					1,290	6.0 J	8.2	

Table I-2A. (cont.)

Date	Flow	Station	ID	Ammonia-nitrogen (mg/L)	Carbon dioxide (mg/L)	Chloride (mg/L)	Conductivity (μmho/c)	Dissolved oxygen (mg/L)	pH	Sulfate (mg/L)
8/17/1992	base	W8		9.4E-02 J		316				122
8/17/1992	base	W8					1,426	6.5	8.2	
9/4/1992	base	W8								
9/18/1992	base	W8		0.6 J	1.3	302				93
9/18/1992	base	W8					1,384	6.2	8.4	
10/5/1992	base	W8		6.1E-02		352				117
10/5/1992	base	W8					1,454	7.2	8.5	
11/9/1992	base	W8		0.1 M		331 M				105 M
11/9/1992	base	W8					1,670	8.4	8.3	
12/7/1992	base	W8		0.2		339				97
12/7/1992	base	W8					1,570	8.9	8.7	
6/18/1992	base	W4		0.2		1,115				269 J
6/18/1992	base	W4					3,220	8.8 J	7.9	
9/15/1992	base	W4		0.8		928				197
9/15/1992	base	W4					3,540	5.9	7.8	
9/15/1992	base	W4					3,870	5.8	7.6	
9/15/1992	base	W4					4,000	6.2	7.6	
10/5/1992	base	W4		0.4		790				162
10/5/1992	base	W4					3,020	8.7	7.8	
10/5/1992	base	W4					3,090	8.3	7.8	
10/5/1992	base	W4					3,310	7.8	7.8	
10/5/1992	base	W4					3,410	8.1	7.7	
6/19/1992	base	W9		3.4E-02		233				287 J
6/19/1992	base	W9					1,300	11 J	8.0	
6/19/1992	base	W11		5.8E-02		205				479 J
6/19/1992	base	W11					1,400	7.6 J	7.9	
6/19/92	base	W12		0.6		281				146 J
9/17/92	base	W12		1.7	4.0	460				130
12/9/92	base	W12		2.5		456				156
8/29/92	high	W3E	C	13		612				169
8/29/92	high	W3E	G	14		752				187
9/26/92	high	W3E	C	8.1 M		148 M				181 M
9/26/92	high	W3E	G	9.7		164				205
11/23/92	high	W3E	C	13		161				122
11/23/92	high	W3E	G							
12/18/92	high	W3E	C	15		263				178
12/18/92	high	W3E	G	15		262				178
8/29/92	high	W6	C	0.2		163				128

Table I-2A. (cont.)

Date	Flow	Station	ID	Ammonia-nitrogen (mg/L)	Carbon dioxide (mg/L)	Chloride (mg/L)	Conductivity (μmho/c)	Dissolved oxygen (mg/L)	pH	Sulfate (mg/L)
8/29/92	high	W6	G	0.4		82				52
9/26/92	high	W6	G	0.2 J		213				194
12/17/92	high	W6	C	0.4		336				94
12/17/92	high	W6	G	0.7		394				120
8/29/92	high	W10	C	0.2		533				181
9/26/92	high	W10	C	0.2 J		370				223
9/26/92	high	W10	G	0.1 J		442				235
12/16/92	high	W7	C	4.7		726				472
12/16/92	high	W7	G	5.0		729				470
8/29/92	high	W5	C	0.2		37				43
8/28/92	high	W5	G							
9/26/92	high	W5	C	1.0		185				210
9/26/92	high	W5	G	2.0		306				292
11/23/92	high	W5	C	0.4		176				206
11/23/92	high	W5	G	0.4		223				371
12/17/92	high	W5	C	0.3		195				192
12/17/92	high	W5	G	8.0E-02		196				262
8/28/92	high	W8	G	4.3E-02		161				52
8/29/92	high	W8	C	2.7E-02 M		270 M				119 M
9/26/92	high	W8	C	1.0E-02 U		220				83
9/26/92	high	W8	G	3.4E-02		273				116
11/22/92	high	W8	C	9.2E-02		241				81
11/22/92	high	W8	G	0.1		107				42
12/17/92	high	W8	C	0.1 M		244 M				91 M
12/17/92	high	W8	G	0.1		208				86
8/29/92	high	W4	C	0.4		989				156
11/23/92	high	W4	C	9.3E-02		645				138
11/23/92	high	W4	G	0.1		624				144
12/17/92	high	W4	C	0.1		657				150
12/17/92	high	W9	C	6.1E-02		197				45
12/17/92	high	W11	C	1.0E-02 U		343				101
8/29/92	high	W12	1	0.3		154				101
8/29/92	high	W12	5	0.3		158			70	127
8/29/92	high	W12	10	1.5		477			153	172
8/29/92	high	W12	15	1.6		486			156	177
9/27/92	high	W12	1	0.6 J		179			157	154
9/27/92	high	W12	5	0.7 J		295			155	168
9/27/92	high	W12	10	1.8 J		467			188	176

Table I-2A. (cont.)

Date	Flow	Station	ID	Ammonia-nitrogen (mg/L)	Carbon dioxide (mg/L)	Chloride (mg/L)	Conductivity (μmho/c)	Dissolved oxygen (mg/L)	pH	Sulfate (mg/L)
9/27/92	high	W12	15	2.0 J		478			205	178
11/24/92	high	W12	1	2.9		492			153	206
11/24/92	high	W12	5	2.9		486			153	208
11/24/92	high	W12	10	2.9		501			154	208
11/24/92	high	W12	15	2.9		501			151	206
12/18/92	high	W12	1	3.0		479			143	194
12/18/92	high	W12	5	2.7		481			161	193
12/18/92	high	W12	10	2.7		490			159	193
12/18/92	high	W12	15	2.8		488			160	196
4/25/92	high	W12					1,760	14	8.0	
4/25/92	high	W12					1,970	14	8.0	
4/25/92	high	W12					2,020	14	8.0	
10/17/92	intermediate	W6	C	0.3 M		154 M				107 M
10/17/92	intermediate	W6	G	0.3		221				179 J
8/28/92	intermediate	W10	G	0.3		734				179
10/24/92	intermediate	W10	C	0.4		565				175
10/24/92	intermediate	W10	G	0.4		631				154
12/16/92	intermediate	W10	C	0.3		710				229
12/16/92	intermediate	W10	G	0.4		742				237
8/28/92	intermediate	W7	G	1.1		414				179
8/29/92	intermediate	W7	C	0.9		208				111
11/22/92	intermediate	W7	C	4.9 M		563 M				452 M
11/22/92	intermediate	W7	G	5.0		551				447
10/25/92	intermediate	W5	C	9.3E-02		124				211
10/25/92	intermediate	W5	G	9.4E-02		125				222
10/24/92	intermediate	W8	C	0.2		262				91
10/24/92	intermediate	W8	G	0.2		216				62
8/28/92	intermediate	W4	G	0.4		1,040				205
9/26/92	intermediate	W4	C	0.4 J		602				148
9/26/92	intermediate	W4	G	0.4 J		599				149
12/16/92	intermediate	W4	G	9.8E-02		672				154
10/18/92	intermediate	W12	1	2.9		477			143	174
10/18/92	intermediate	W12	5	2.8		484			130	181
10/18/92	intermediate	W12	10	3.0		488			155	179
10/18/92	intermediate	W12	15	2.8		485			138	177
11/11/92	intermediate	W12								
5/27/92	intermediate	W12					1,942 J		7.8 J	
7/30/92	intermediate	W12					1,930	8.2	8.0	

Table I-2A. (cont.)

Date	Flow	Station	ID	Ammonia-nitrogen (mg/L)	Carbon dioxide (mg/L)	Chloride (mg/L)	Conductivity (μmho/c)	Dissolved oxygen (mg/L)	pH	Sulfate (mg/L)
7/30/92	intermediate	W12					1,930	8.1	8.0	
7/30/92	intermediate	W12					1,930	8.0	8.0	
7/30/92	intermediate	W12					1,930	7.7	8.0	
7/30/92	intermediate	W12					1,920	7.3	7.9	
8/18/92	intermediate	W12					1,840	10	8.0	
8/18/92	intermediate	W12					1,850	9.3	8.0	
8/18/92	intermediate	W12					1,880	6.7	7.7	
8/18/92	intermediate	W12					1,910	5.2	7.6	
8/18/92	intermediate	W12					1,950	4.7	7.5	
10/7/92	intermediate	W12					2,080	7.8		
10/7/92	intermediate	W12					2,070	7.8		
10/7/92	intermediate	W12					2,080	7.8		
10/7/92	intermediate	W12					2,080	7.8		
10/7/92	intermediate	W12					2,080	7.8		
10/7/92	intermediate	W12					2,080	7.8		
11/11/92	intermediate	W12					2,110	7.5		
11/11/92	intermediate	W12					2,130	7.5		
11/11/92	intermediate	W12					2,120	7.5		
11/11/92	intermediate	W12					2,110	7.5		
11/11/92	intermediate	W12					2,140	7.5		
11/11/92	intermediate	W12					2,120	7.5		
10/17/92	base	W3E	C	9.5		98				207 J
10/17/92	base	W3E	G	9.4		102				196 J
9/26/92	base	W7	C	0.2		101				212
9/26/92	base	W7	G	0.2		120				248
10/24/92	base	W7	C	2.3		222				259
10/24/92	base	W7	G	4.2		369				421
10/16/92	base	W4	C	0.2		790				236 J
10/16/92	base	W4	G	0.2		828				231 J
6/19/92	base	W12					900	8.9 J	8.0	
6/19/92	base	W12					980	7.5 J		
6/19/92	base	W12					1,400	6.5 J		
6/19/92	base	W12					1,700	6.9 J		
6/19/92	base	W12						6.9 J		
6/19/92	base	W12						6.9 J		
6/19/92	base	W12						6.6 J		
9/17/92	base	W12					1,880	8.2		
9/17/92	base	W12					1,900	8.1		

Table I-2A. (cont.)

Date	Flow	Station	ID	Ammonia-nitrogen (mg/L)	Carbon dioxide (mg/L)	Chloride (mg/L)	Conductivity (μmho/c)	Dissolved oxygen (mg/L)	pH	Sulfate (mg/L)
9/17/92	base	W12					1,910	8.1		
9/17/92	base	W12					1,950	7.9		
9/17/92	base	W12					1,990	7.6		
12/9/92	base	W12					2,140	7.6		
12/9/92	base	W12					2,150	7.6		
12/9/92	base	W12					2,190	7.6		
12/9/92	base	W12					2,250	7.6		
12/9/92	base	W12					2,160	7.6		

Table I-2A. (cont.)

Date	Flow	Station	ID	Total alkalinity (mg/L)	Total inorganic (mg/L)	Total organic carbon (mg/L)	Total suspended (mg/L-sus)	Discharge instantaneous (cfs)	Temperature (degC)
8/29/1992	high	W3E							16
9/26/1992	high	W3E							17
11/23/1992	high	W3E							13
12/17/1992	high	W3E							3.3
9/26/1992	high	W6							16
12/17/1992	high	W6							1.7
4/24/1992	high	W10		193 M	44 M	4.5 M	11 M		
4/24/1992	high	W10						417	12
4/24/1992	high	W10							12
7/27/1992	high	W10		186	47	43	54		
7/27/1992	high	W10						204	20
8/29/1992	high	W10							17
9/28/1992	high	W10							19
6/17/1992	high	W7		173	47	8.0	5.0		
6/17/1992	high	W7						5.7	34
12/7/1992	high	W7		217 M	56 M	12 M	4.0 UM		
12/7/1992	high	W7						1.3	4.1
12/16/1992	high	W7							8.2
4/10/1992	high	W5		232	53	1.0 U	4.0 UJ		
4/10/1992	high	W5						15	7.9
8/29/1992	high	W5							18
9/26/1992	high	W5							20
11/22/1992	high	W5							6.7
12/17/1992	high	W5							4.6
4/10/1992	high	W8		130	30	1.0 U	6.0 J		
4/11/1992	high	W8						3.0	13
8/29/1992	high	W8							19
9/26/1992	high	W8							16
11/22/1992	high	W8							4.4
12/17/1992	high	W8							3.3
4/22/1992	high	W4		213	56	4.9	19		
8/29/1992	high	W4							17
12/17/1992	high	W9							2.2
12/17/1992	high	W11							1.1
4/25/92	high	W12		178	40	6.6	7.0		
11/9/1992	intermediate	W3E							15
11/10/1992	intermediate	W3E		269	67	32	4.0		

Table I-2A. (cont.)

Date	Flow	Station	ID	Total alkalinity (mg/L)	Total inorganic (mg/L)	Total organic carbon (mg/L)	Total suspended (mg/L-sus)	Discharge instantaneous (cfs)	Temperature (degC)
12/8/1992	intermediate	W3E		253	74 J	25	15		
12/8/1992	intermediate	W3E							12
4/22/1992	intermediate	W6		224	53	15	19		
4/22/1992	intermediate	W6						42	15
4/22/1992	intermediate	W6							15
5/25/1992	intermediate	W6		174	44	9.2 J	4.0 U		
5/25/1992	intermediate	W6						11	16 J
7/28/1992	intermediate	W6		264	69	11 J	42		
7/28/1992	intermediate	W6						14	19
10/17/1992	intermediate	W6							8.9
11/9/1992	intermediate	W6		251	67	19	10		
11/9/1992	intermediate	W6						29	3.1
11/21/1992	intermediate	W6							8.9
12/7/1992	intermediate	W6		283	76 J	11 J	4.0 U		
12/7/1992	intermediate	W6						24	2.0
8/15/1992	intermediate	W10		173	22	3.9 J	31		
8/15/1992	intermediate	W10						0	17
10/6/1992	intermediate	W10		194	53	5.3	11		
10/6/1992	intermediate	W10						134	11
10/24/1992	intermediate	W10							4.2
11/10/1992	intermediate	W10		237	62	16	4.0		
11/10/1992	intermediate	W10						142	6.2
11/21/1992	intermediate	W10							7.8
12/8/1992	intermediate	W10		228	65 J	4.1	5.0		
12/8/1992	intermediate	W10						139	3.6
12/16/1992	intermediate	W10							3.3
8/29/1992	intermediate	W7							20
9/18/1992	intermediate	W7		244	65	13	8.0 J		
9/18/1992	intermediate	W7						1.3	21
11/22/1992	intermediate	W7							8.9
7/29/1992	intermediate	W5		194	62	3.0	7.5		
7/29/1992	intermediate	W5						1.0 R	16
10/24/1992	intermediate	W5							3.5
7/28/1992	intermediate	W8		119 M	31 M	4.9 M	2.8 M		
7/28/1992	intermediate	W8						2.2	25
10/17/1992	intermediate	W8							16
10/24/1992	intermediate	W8							5.1
5/25/1992	intermediate	W4		219	62	4.8	16		

Table I-2A. (cont.)

Date	Flow	Station	ID	Total alkalinity (mg/L)	Total inorganic (mg/L)	Total organic carbon (mg/L)	Total suspended (mg/L-sus)	Discharge instantaneous (cfs)	Temperature (degC)
5/25/1992	intermediate	W4						152	14 J
7/28/1992	intermediate	W4		242	66	3.5 J	37		
7/28/1992	intermediate	W4							18
7/28/1992	intermediate	W4							18
7/28/1992	intermediate	W4							17
7/28/1992	intermediate	W4							17
8/15/1992	intermediate	W4		242	63	3.6 J	26		
8/15/1992	intermediate	W4							16
8/15/1992	intermediate	W4							15
8/15/1992	intermediate	W4							15
9/26/1992	intermediate	W4							16
10/17/1992	intermediate	W4							5.6
11/9/1992	intermediate	W4		266	64	10	17		
11/9/1992	intermediate	W4							4.2
11/22/1992	intermediate	W4							7.8
12/7/1992	intermediate	W4		269	73 J	59 J	15		
12/7/1992	intermediate	W4							2.7
12/16/1992	intermediate	W4							2.2
5/27/92	intermediate	W12		162	41	4.7	7.0		
7/30/92	intermediate	W12		169	46	5.7	5.5		
8/18/92	intermediate	W12		168	42	7.8 J	4.0 U		
10/7/92	intermediate	W12		180	50	9.5	8.0		
11/11/92	intermediate	W12		199	48	7.1	4.0 U		
9/15/1992	base	W3E		201	53	23	19		
9/15/1992	base	W3E						775	21
10/6/1992	base	W3E		208	63	22	9.0		
10/6/1992	base	W3E						750	17
10/17/1992	base	W3E							14
6/18/1992	base	W6		240	55	7.0	36		
6/18/1992	base	W6						18	25
8/15/1992	base	W6		237 M	61	9.3 J	22		
8/15/1992	base	W6						10	18
9/16/1992	base	W6		261	63	8.0	11		
9/16/1992	base	W6						10	21
10/5/1992	base	W6		264	70	7.1	4.0 U		
10/5/1992	base	W6						10	12
5/26/1992	base	W10		192	48	2.9 J	15		
5/26/1992	base	W10						244	13 J

Table I-2A. (cont.)

Date	Flow	Station	ID	Total alkalinity (mg/L)	Total inorganic (mg/L)	Total organic carbon (mg/L)	Total suspended (mg/L-sus)	Discharge instantaneous (cfs)	Temperature (degC)
6/17/1992	base	W10		236	48	13	12		
6/17/1992	base	W10						108	22
9/16/1992	base	W10		210	59	3.0	20		
9/16/1992	base	W10						64	17
4/10/1992	base	W7		174	37	1.0 U	4.0 UJ		
4/11/1992	base	W7						3.1	14
5/27/1992	base	W7		131 M	34 M	6.6 M	17 M		
5/27/1992	base	W7						2.5	
7/29/1992	base	W7		183	49	6.2 J	5.0		
7/29/1992	base	W7						2.4	29
8/17/1992	base	W7		179	46	8.8 J	4.0 U		
8/17/1992	base	W7						2.0	28
9/4/1992	base	W7						0.8	
9/26/1992	base	W7							17
10/5/1992	base	W7		215 M	59 M	20 M	2.7 M		
10/5/1992	base	W7						0.6	16
10/24/1992	base	W7							5.7
11/9/1992	base	W7		235	60	14	5.0		
11/9/1992	base	W7						0.5	7.1
5/25/1992	base	W5		229	49	4.9	4.0 U		
5/25/1992	base	W5						6.7	
6/18/1992	base	W5		234	54	3.4	8.0		
6/18/1992	base	W5						10	19
8/16/1992	base	W5		246 M	68 M	1.9 M	9.7 M		
8/16/1992	base	W5						5.8	15
9/4/1992	base	W5						6.6	
9/18/1992	base	W5		246	64	2.8	4.0 UJ		
9/18/1992	base	W5						4.5	17
10/5/1992	base	W5		246	72	6.6	4.0 U		
10/5/1992	base	W5						6.1	12
11/9/1992	base	W5		280	74	19	12		
11/9/1992	base	W5						7.4	6.8
12/7/1992	base	W5		269	72 J	2.3 J	4.0 U		
12/7/1992	base	W5						7.5	3.7
5/25/1992	base	W8		122	18	3.3 J	4.0 U		
5/25/1992	base	W8						1.9	
6/18/1992	base	W8		123	28	6.2	12		
6/18/1992	base	W8						2.8	28

Table I-2A. (cont.)

Date	Flow	Station	ID	Total alkalinity (mg/L)	Total inorganic (mg/L)	Total organic carbon (mg/L)	Total suspended (mg/L-sus)	Discharge instantaneous (cfs)	Temperature (degC)
8/17/1992	base	W8		126	32	3.8 J	4.0		
8/17/1992	base	W8						2.1	24
9/4/1992	base	W8						2.2	
9/18/1992	base	W8		111	27	4.9	4.0 UJ		
9/18/1992	base	W8						2.5	26
10/5/1992	base	W8		133	30	5.5	4.0 U		
10/5/1992	base	W8						2.2	20
11/9/1992	base	W8		148 M	35 M	8.5 M	10 M		
11/9/1992	base	W8						2.7	13
12/7/1992	base	W8		132	34 J	5.6 J	4.0 U		
12/7/1992	base	W8						2.4	10
6/18/1992	base	W4		236	59	2.4	39		
6/18/1992	base	W4						99	21
9/15/1992	base	W4		231	3.3	4.5	13		
9/15/1992	base	W4							18
9/15/1992	base	W4							16
9/15/1992	base	W4							16
10/5/1992	base	W4		248	64	4.8	5.0		
10/5/1992	base	W4							13
10/5/1992	base	W4							13
10/5/1992	base	W4							12
10/5/1992	base	W4							11
6/19/1992	base	W9		263	68	6.8	5.0		
6/19/1992	base	W9						0.7	19
6/19/1992	base	W11		271	67	5.2	4.0 U		
6/19/1992	base	W11						0.5	20
6/19/92	base	W12		142	35	7.2	11		
9/17/92	base	W12		143	36	5.2	4.0 UJ		
12/9/92	base	W12		207	54 J	4.9	4.0		
8/29/92	high	W3E	C	174	49	18	4.0 U		
8/29/92	high	W3E	G	186	51	17	14		
9/26/92	high	W3E	C	183 M	52 M	17 M	15 M		
9/26/92	high	W3E	G	203	59 J	19	18		
11/23/92	high	W3E	C	208	57	18	4.0		
11/23/92	high	W3E	G						
12/18/92	high	W3E	C	343	68	22	14		
12/18/92	high	W3E	G	223	60	22	20		
8/29/92	high	W6	C	154	37	10	128		

Table I-2A. (cont.)

Date	Flow	Station	ID	Total alkalinity (mg/L)	Total inorganic (mg/L)	Total organic carbon (mg/L)	Total suspended (mg/L-sus)	Discharge instantaneous (cfs)	Temperature (degC)
8/29/92	high	W6	G	98	27	9.7	185		
9/26/92	high	W6	G	215	58 J	9.5	98		
12/17/92	high	W6	C	181	41	8.8	35		
12/17/92	high	W6	G	203	51	8.1	12		
8/29/92	high	W10	C	174	31 J	7.0	234		
9/26/92	high	W10	C	226	56 J	4.7	43		
9/26/92	high	W10	G	250	62 J	4.4	82		
12/16/92	high	W7	C	215	55	12	6.0		
12/16/92	high	W7	G	212	56	13	13		
8/29/92	high	W5	C	85	23	7.9	226		
8/28/92	high	W5	G						
9/26/92	high	W5	C	141	34	9.0	40		
9/26/92	high	W5	G	184	49	9.5	36		
11/23/92	high	W5	C	174	46	7.8	117		
11/23/92	high	W5	G	235	66	6.6	8.0		
12/17/92	high	W5	C	196	49	9.6	80		
12/17/92	high	W5	G	244	61	5.4	132		
8/28/92	high	W8	G	113	15	7.1	300		
8/29/92	high	W8	C	120 M	24 M	9.2 M	120 M		
9/26/92	high	W8	C	97	23	5.9	49		
9/26/92	high	W8	G	116	28	7.4	53		
11/22/92	high	W8	C	126	20	7.5	83		
11/22/92	high	W8	G	202	18	5.3	355		
12/17/92	high	W8	C	198 M	21 M	8.3 M	305 M		
12/17/92	high	W8	G	251	35	8.6	381		
8/29/92	high	W4	C	135	33	3.4	35		
11/23/92	high	W4	C	269	70	5.3	4.0 U		
11/23/92	high	W4	G	288	69	4.6	11		
12/17/92	high	W4	C	242	64	3.1	9.0		
12/17/92	high	W9	C	122	28	8.1	174		
12/17/92	high	W11	C	178	48	7.1	12		
8/29/92	high	W12	1	125	34 J	6.6	4.0		
8/29/92	high	W12	5	34	6.2	4.0 U			
8/29/92	high	W12	10	48	5.9	4.0 U			
8/29/92	high	W12	15	48	5.4	4.0 U			
9/27/92	high	W12	1	41 J	6.0	6.0			
9/27/92	high	W12	5	42 J	6.2	10			
9/27/92	high	W12	10	45 J	6.4	4.0 U			

Table I-2A. (cont.)

Date	Flow	Station	ID	Total alkalinity (mg/L)	Total inorganic (mg/L)	Total organic carbon (mg/L)	Total suspended (mg/L-sus)	Discharge instantaneous (cfs)	Temperature (degC)
9/27/92	high	W12	15	46 J	7.7	5.0			
11/24/92	high	W12	1	56	6.8	4.0 U			
11/24/92	high	W12	5	55	7.4	4.0 U			
11/24/92	high	W12	10	56	6.2	4.0 U			
11/24/92	high	W12	15	56	6.6	4.0 U			
12/18/92	high	W12	1	51	8.0	4.0 U			
12/18/92	high	W12	5	50	8.3	4.0 U			
12/18/92	high	W12	10	49	7.5	4.0 U			
12/18/92	high	W12	15	50	8.3	4.0 U			
4/25/92	high	W12							8.5
4/25/92	high	W12							7.5
4/25/92	high	W12							7.4
10/17/92	intermediate	W6	C	188 M	50 M	11 M	14 M		
10/17/92	intermediate	W6	G	200	54	12	17		
8/28/92	intermediate	W10	G	203	37 J	7.3	290		
10/24/92	intermediate	W10	C	181	48	7.9	59		
10/24/92	intermediate	W10	G	187	52	5.5	52		
12/16/92	intermediate	W10	C	211	50	3.9	4.0		
12/16/92	intermediate	W10	G	210	47	3.3	25		
8/28/92	intermediate	W7	G	168	44 J	7.9	22		
8/29/92	intermediate	W7	C	189	28	7.5	274		
11/22/92	intermediate	W7	C	240 M	63 M	12 M	8.0 M		
11/22/92	intermediate	W7	G	235	63	15	11		
10/25/92	intermediate	W5	C	225	64	16	4.0 U		
10/25/92	intermediate	W5	G	213	48	8.4	31		
10/24/92	intermediate	W8	C	102	27	6.6	18		
10/24/92	intermediate	W8	G	105	26	7.9	135		
8/28/92	intermediate	W4	G	212	49	4.0	31		
9/26/92	intermediate	W4	C	217	56	6.6	31		
9/26/92	intermediate	W4	G	221	58	6.1	50		
12/16/92	intermediate	W4	G	244	68	3.2	18		
10/18/92	intermediate	W12	1	49	7.3	4.0 U			
10/18/92	intermediate	W12	5	43	7.8	4.0 U			
10/18/92	intermediate	W12	10	48	7.9	4.0 U			
10/18/92	intermediate	W12	15	49	6.7	4.0 U			
11/11/92	intermediate	W12							
5/27/92	intermediate	W12							15 J
7/30/92	intermediate	W12						554	20

Table I-2A. (cont.)

Date	Flow	Station	ID	Total alkalinity (mg/L)	Total inorganic (mg/L)	Total organic carbon (mg/L)	Total suspended (mg/L-sus)	Discharge instantaneous (cfs)	Temperature (degC)
7/30/92	intermediate	W12							20
7/30/92	intermediate	W12							20
7/30/92	intermediate	W12							20
7/30/92	intermediate	W12							20
8/18/92	intermediate	W12						194	20
8/18/92	intermediate	W12							20
8/18/92	intermediate	W12							20
8/18/92	intermediate	W12							20
8/18/92	intermediate	W12							19
10/7/92	intermediate	W12						237	15
10/7/92	intermediate	W12							15
10/7/92	intermediate	W12							15
10/7/92	intermediate	W12							15
10/7/92	intermediate	W12							15
10/7/92	intermediate	W12							15
11/11/92	intermediate	W12						385	8.5
11/11/92	intermediate	W12							8.5
11/11/92	intermediate	W12							8.5
11/11/92	intermediate	W12							8.5
11/11/92	intermediate	W12							8.5
11/11/92	intermediate	W12							8.5
10/17/92	base	W3E	C	159	48	18	4.0 U		
10/17/92	base	W3E	G	162	49	19	5.0		
9/26/92	base	W7	C	143	40	5.2	51		
9/26/92	base	W7	G	153	41	5.9	23		
10/24/92	base	W7	C	134	30	12	20		
10/24/92	base	W7	G	192	52	16	25		
10/16/92	base	W4	C	236	64	3.5	15		
10/16/92	base	W4	G	231	66	6.8	5.0		
6/19/92	base	W12						210	23
6/19/92	base	W12							23
6/19/92	base	W12							23
6/19/92	base	W12							23
6/19/92	base	W12							
6/19/92	base	W12							
6/19/92	base	W12							
9/17/92	base	W12						322	23
9/17/92	base	W12							22

Table I-2A. (cont.)

Date	Flow	Station	ID	Total alkalinity (mg/L)	Total inorganic (mg/L)	Total organic carbon (mg/L)	Total suspended (mg/L-sus)	Discharge instantaneous (cfs)	Temperature (degC)
9/17/92	base	W12							22
9/17/92	base	W12							20
9/17/92	base	W12							20
12/9/92	base	W12						2,950	5.0
12/9/92	base	W12							5.0
12/9/92	base	W12							5.0
12/9/92	base	W12							5.0
12/9/92	base	W12							5.0

Table I-2B. 1992 Tributary Surface Water and Metro Discharge, Metals

Date	Flow	Station	ID	Cadmium (µg/L)	Calcium (µg/L)	Chromium (µg/L)	Copper (µg/L)	Iron (µg/L)	Lead (µg/L)
9/15/92	base	W3E		2.0 U	97,600	2.5 B	12 B		1.0 U
10/6/92	base	W3E		2.0 U	108,000	4.0 U	6.3 B		1.1 B
11/10/92	intermediate	W3E							
12/8/92	intermediate	W3E		2.0 U	98,900	4.0 U	4.2 B		4.8
4/22/92	intermediate	W6		2.0 U	121,000	4.0 U	4.8 B		5.2 J
5/25/92	intermediate	W6		2.0 U	71,400	4.0 U	2.9 BJ	586	3.2 J
6/18/92	base	W6		2.0 U	158,000	4.3 B	3.7 B		7.4
7/28/92	intermediate	W6		2.0 UJ	135,000	3.9 B	6.6 B		8.6
8/15/92	base	W6		2.0 U	131,000	2.6 B	4.1 B		5.6 U
9/16/92	base	W6		2.0 U	147,000	2.6 B	2.3 B		3.6
10/5/92	base	W6		2.0 U	151,000	4.0 U	3.0 U		2.7 B
11/9/92	intermediate	W6		2.0 U	117,000	4.0 U	3.0 U		3.2 J
12/7/92	intermediate	W6		2.0 U	143,000	4.0 U	3.0 U		1.6 B
4/24/92	high	W10		2.0 UM	284,333 M	4.0 UM	1.5 M		1.0 M
5/26/92	base	W10		2.0 U	486,000	4.0 U	1.0 UJ	524	1.0 UJ
6/17/92	base	W10		2.0 U	580,000	4.0 U	1.0 U		1.0 U
7/27/92	high	W10		2.1 BJ	183,000	3.0 B	5.2 B		7.4
8/15/92	intermediate	W10		2.0 U	233,000	2.0 U	5.1 B		3.1 U
9/2/92	intermediate	W10							
9/16/92	base	W10		2.0 U	489,000	2.0 U	2.0 U		1.0 U
10/6/92	intermediate	W10		2.0 U	292,000	12	3.0 U		1.0 U
11/10/92	intermediate	W10		2.0 U	306,000	4.0 U	7.3 BU		1.0 U
12/8/92	intermediate	W10		2.0 U	341,000	4.0 U	3.0 U		1.2 B
4/10/92	base	W7		2.0 U	136,000	4.0 U	3.6 BJ		2.3 BJ
5/27/92	base	W7		2.0 UM	113,333 M	4.0 UM	6.7 M		4.2 M
6/17/92	high	W7		2.0 U	171,000	4.0 U	2.4 B		1.0 U
7/29/92	base	W7		2.0 UJ	127,000	2.0 U	2.1 B		1.0 U
8/17/92	base	W7		2.0 U	155,000	2.0 U	3.6 B		2.3 BU
9/4/92	base	W7							
9/18/92	intermediate	W7		2.0 U	179,000	2.2 B	6.5 B		1.8 B
10/5/92	base	W7		2.0 UM	220,333 M	4.0 UM	9.1 M		1.0 UM
11/9/92	base	W7		2.0 U	147,000	4.0 U	5.3 BU		1.3 BJ
12/7/92	high	W7		2.0 UM	159,667 M	4.0 UM	2.2 M		2.0 M
4/10/92	high	W5		2.0 U	232,000	4.0 U	2.5 BJ		2.7 BJ
5/25/92	base	W5		2.0 U	262,000	4.0 U	1.6 BJ		1.0 UJ
6/18/92	base	W5		2.0 U	253,000	4.0 U	1.0 U		1.0 U
7/29/92	intermediate	W5		2.0 UJ	233,000	2.0 U	2.0 U		1.9 B
8/16/92	base	W5		2.0 UM	245,000 M	2.0 UM	2.0 UM		1.0 UM
9/4/92	base	W5							
9/18/92	base	W5		2.0 U	271,000	2.0 U	2.0 U		1.0 U

Table I-2B. (cont.)

Date	Flow	Station	ID	Cadmium (µg/L)	Calcium (µg/L)	Chromium (µg/L)	Copper (µg/L)	Iron (µg/L)	Lead (µg/L)
10/5/92	base	W5		2.0 U	268,000	4.0 U	3.0 U		1.0 U
11/9/92	base	W5		2.0 U	226,000	4.5 BJ	3.0 U		1.0 U
12/7/92	base	W5		2.0 U	246,000	4.0 U	3.0 U		1.7 B
4/10/92	high	W8		2.0 U	147,000	69	12 BJ		5.9 J
5/25/92	base	W8		2.0 U	124,000	4.4 B	10 BJ	396	1.4 BJ
6/18/92	base	W8		2.0 U	106,000	28	10 B		2.1 BJ
7/28/92	intermediate	W8		2.0 UM	93,167 M	9.5 M	5.1 M		2.3 M
8/17/92	base	W8		2.0 U	105,000	21	5.2 B		1.9 BU
9/4/92	base	W8							
9/18/92	base	W8		2.0 U	90,900	6.7 B	6.1 B		1.0 U
10/5/92	base	W8		2.0 U	108,000	9.4 B	9.1 B		1.3 B
11/9/92	base	W8		2.0 UM	91,333 M	7.4 M	7.0 UM		1.7 M
12/7/92	base	W8		2.0 U	89,300	12	5.3 B		1.3 B
4/22/92	high	W4		2.0 U	102,000	4.0 U	1.3 B		1.3 BJ
5/25/92	intermediate	W4		2.0 U	94,000	4.0 U	1.0 UJ	209	1.3 BJ
6/18/92	base	W4		2.0 U	150,000	4.0 U	1.3 B		1.0 U
7/28/92	intermediate	W4		2.0 UJ	108,000	2.0 U	2.7 B		2.3 B
8/15/92	intermediate	W4		2.0 U	115,000	2.0 U	3.1 B		5.6 U
9/15/92	base	W4		2.0 U	137,000	2.0 U	2.0 U		1.3 B
10/5/92	base	W4		2.0 U	131,000	4.0 U	3.0 U		1.0 U
11/9/92	intermediate	W4		2.0 U	116,000	4.0 U	3.0 U		1.0 U
12/7/92	intermediate	W4		2.0 U	113,000	4.0 U	3.0 U		1.0 U
6/19/92	base	W9		2.0 U	180,000	4.0 U	1.9 B		1.0 U
6/19/92	base	W11		2.0 U	233,000	4.0 U	1.0 U		1.0 U
4/25/92	high	W12		2.0 U	150,000	4.0 U	1.6 B		1.0 UJ
5/27/92	intermediate	W12		2.0 U	154,000	4.0 U	1.0 UJ		1.0 U
6/19/92	base	W12		2.0 U	106,000	4.0 U	1.0 U		1.0 U
7/30/92	intermediate	W12		2.0 UJ	142,000	2.0 U	2.0 U		1.0 U
8/18/92	intermediate	W12		2.0 U	154,000	2.0 U	2.0 U		1.4 BU
9/17/92	base	W12		2.0 U	146,000	18	2.0 U		1.0 U
10/7/92	intermediate	W12		2.0 U	164,000	4.0 U	3.0 U		1.0 U
11/11/92	intermediate	W12		2.0 U	160,000	4.0 U	3.0 U		1.1 J
12/9/92	base	W12		2.0 U	181,000	4.0 U	3.0 U		1.0 U
8/29/92	high	W3E	C	2.0 U	221,000	2.0 U	5.6 B		2.1 B
8/29/92	high	W3E	G	2.0 U	264,000	2.0 U	8.8 B		1.6 B
9/26/92	high	W3E	C	2.0 UM	91,967 M	1.9 M	8.2 M		2.0 UM
9/26/92	high	W3E	G	2.0 U	96,700	4.3 B	13 B		2.9 BJU
11/23/92	high	W3E	C	2.0 U	76,400	4.0 B	5.2 B		1.1 B
11/23/92	high	W3E	G						
12/18/92	high	W3E	C	2.0 U	103,000	4.0 U	9.8 B		1.4 BJ
12/18/92	high	W3E	G	2.0 U	107,000	4.0 U	11 B		2.2 BJ
8/29/92	high	W6	C	2.0 U	82,000	9.0 B	19 B		25

Table I-2B. (cont.)

Date	Flow	Station	ID	Cadmium (µg/L)	Calcium (µg/L)	Chromium (µg/L)	Copper (µg/L)	Iron (µg/L)	Lead (µg/L)
8/29/92	high	W6	G	2.0 U	60,100	19	58		95
9/26/92	high	W6	G	2.0 U	119,000	8.2 BJ	18 B		14 J
12/17/92	high	W6	C	2.0 U	105,000	4.0 U	13 B		14
12/17/92	high	W6	G	2.0 U	118,000	4.0 U	6.8 B		5.7 J
8/29/92	high	W10	C	2.0 U	277,000	6.4 B	16 B		20
9/26/92	high	W10	C	2.0 U	209,000	2.0 UJ	4.2 B		3.4 JU
9/26/92	high	W10	G	2.0 U	254,000	2.0 UJ	5.3 B		6.3 JU
12/16/92	high	W7	C	2.0 U	185,000	4.0 U	5.8 B		1.3 BJ
12/16/92	high	W7	G	2.0 U	184,000	4.0 U	7.5 B		1.5 BJ
8/29/92	high	W5	C	2.0 U	54,200	7.0 B	38		60
8/28/92	high	W5	G						
9/26/92	high	W5	C	2.0 U	76,700	2.0 U	8.9 B		5.1 JU
9/26/92	high	W5	G	2.0 U	115,000	3.5 B	14 B		5.3 JU
11/23/92	high	W5	C	2.0 U	140,000	9.1 B	48		63
11/23/92	high	W5	G	2.0 U	222,000	4.0 U	22 B		31
12/17/92	high	W5	C	2.0 U	149,000	8.8 B	34		43
12/17/92	high	W5	G	2.0 U	170,000	4.0 U	8.4 B		8.1
8/28/92	high	W8	G	2.0 U	71,600	232	60		46
8/29/92	high	W8	C	2.0 UM	83,467 M	79 M	26 M		21 M
9/26/92	high	W8	C	2.0 U	85,000	59	17 B		7.3 JU
9/26/92	high	W8	G	2.0 U	94,000	82	20 B		8.5 U
11/22/92	high	W8	C	3.2 B	88,500	197	41		23
11/22/92	high	W8	G	2.0 U	112,000	560	125		55
12/17/92	high	W8	C	2.0 UM	127,667 M	256 M	65 M		38 M
12/17/92	high	W8	G	2.0 U	137,000	267	72		40
8/29/92	high	W4	C	2.0 U	94,200	2.0 U	9.5 B		16
11/23/92	high	W4	C	2.0 U	121,000	4.0 U	3.0 U		1.0 U
11/23/92	high	W4	G	2.0 U	119,000	4.0 U	3.0 U		1.0 U
12/17/92	high	W4	C	2.0 U	121,000	4.0 U	3.6 B		2.6 BJ
12/17/92	high	W9	C	17	74,700	12	42		44
12/17/92	high	W11	C	2.0 U	105,000	4.0 U	4.7 B		3.5 J
8/29/92	high	W12	1	2.0 U	68,200	2.0 U	2.0 U		1.0 U
8/29/92	high	W12	5	2.0 U	67,900	2.0 U	2.6 U		1.0 U
8/29/92	high	W12	10	2.0 U	147,000	2.0 U	2.0 U		1.0 U
8/29/92	high	W12	15	2.0 U	167,000	2.0 U	2.0 U		1.0 U
9/27/92	high	W12	1	2.0 U	88,700	2.0 UJ	4.9 B		2.5 BJU
9/27/92	high	W12	5	2.0 U	113,000	2.0 UJ	2.8 B		1.0 UJ
9/27/92	high	W12	10	2.0 U	153,000	2.0 UJ	2.0 U		1.0 UJ
9/27/92	high	W12	15	2.0 U	150,000	2.0 UJ	3.5 B		3.4 JU
11/24/92	high	W12	1	2.0 U	162,000	4.0 U	3.0 U		1.0 U
11/24/92	high	W12	5	2.0 U	159,000	4.0 U	3.0 U		1.0 U
11/24/92	high	W12	10	2.0 U	164,000	4.0 U	3.0 U		1.0 U

Table I-2B. (cont.)

Date	Flow	Station	ID	Cadmium (µg/L)	Calcium (µg/L)	Chromium (µg/L)	Copper (µg/L)	Iron (µg/L)	Lead (µg/L)
11/24/92	high	W12	15	2.0 U	162,000	4.0 U	3.0 U		1.0 U
12/18/92	high	W12	1	2.0 U	171,000	4.0 U	3.1 B		5.8 J
12/18/92	high	W12	5	2.0 U	173,000	4.0 U	1.6 B		2.5 BJ
12/18/92	high	W12	10	2.0 U	176,000	4.0 U	1.0 U		1.0 UJ
12/18/92	high	W12	15	2.0 U	174,000	4.0 U	1.1 B		1.0 UJ
10/17/92	intermediate	W6	C	2.0 UM	109,000 M	4.0 UM	9.4 M		7.8 M
10/17/92	intermediate	W6	G	2.0 U	113,000	4.0 U	13 B		3.5 J
8/28/92	intermediate	W10	G	2.0 U	329,000	7.7 B	16 B		22
10/24/92	intermediate	W10	C	2.0 U	278,000	4.0 U	5.2 B		3.9 J
10/24/92	intermediate	W10	G	2.0 U	300,000	4.0 U	6.0 B		3.9 J
12/16/92	intermediate	W10	C	2.0 U	311,000	4.0 U	1.5 B		9.0
12/16/92	intermediate	W10	G	2.0 U	324,000	4.0 U	4.8 B		3.8 J
8/28/92	intermediate	W7	G	2.0 U	146,000	2.0 U	7.1 B		1.5 B
8/29/92	intermediate	W7	C	2.0 U	125,000	8.3 B	18 B		28
11/22/92	intermediate	W7	C	2.0 UM	165,000 M	4.0 UM	5.3 M		1.4 M
11/22/92	intermediate	W7	G	2.0 U	156,000	4.4 B	8.0 B		1.4 B
10/25/92	intermediate	W5	C	2.0 U	156,000	5.0 B	3.0 U		1.0 UJ
10/25/92	intermediate	W5	G	2.0 U	146,000	5.7 B	6.7 B		6.7 J
10/24/92	intermediate	W8	C	2.0 U	91,800	79	25 B		12 J
10/24/92	intermediate	W8	G	2.4 B	79,100	119	30		14 J
8/28/92	intermediate	W4	G	2.0 U	138,000	2.0 U	6.8 B		3.8
9/26/92	intermediate	W4	C	2.0 U	102,000	2.0 U	11 B		16
9/26/92	intermediate	W4	G	2.0 U	105,000	2.2 B	9.5 B		17
12/16/92	intermediate	W4	G	2.0 U	124,000	4.0 U	4.3 B		2.6 BJ
10/18/92	intermediate	W12	1	2.0 U	174,000	4.0 U	3.0 U		1.0 U
10/18/92	intermediate	W12	5	2.0 U	173,000	4.0 U	3.0 U		1.0 U
10/18/92	intermediate	W12	10	2.0 U	178,000	4.0 U	3.0 U		1.0 U
10/18/92	intermediate	W12	15	2.0 U	167,000	4.0 U	3.0 U		1.0 UJ
11/11/92	intermediate	W12		2.0 U	101,000	4.0 U	5.5 BU		1.0 UJ
10/17/92	base	W3E	C	2.0 U	79,600	4.0 U	5.3 B		1.0 U
10/17/92	base	W3E	G	2.0 U	85,900	4.0 U	8.1 B		1.0 U
9/26/92	base	W7	C	2.0 U	112,000	2.7 B	10 B		11 U
9/26/92	base	W7	G	2.0 U	133,000	2.0 U	7.3 B		8.0 U
10/24/92	base	W7	C	2.0 U	90,600	5.4 B	9.4 B		11 J
10/24/92	base	W7	G	2.0 U	157,000	11	15 B		9.8 J
10/16/92	base	W4	C	2.0 U	135,000	4.0 U	4.9 B		3.5
10/16/92	base	W4	G	2.0 U	141,000	4.0 U	6.4 B		1.0 U

Table I-2B. (cont.)

Date	Flow	Station	ID	Magnesium (μg/L)	Manganese (μg/L)	Mercury-total (ng/L)	Methyl mercury-total (ng/L)	Nickel (μg/L)	Sodium (μg/L)	Zinc (μg/L)
9/15/92	base	W3E				25	1.5	19 B	106,000	27
10/6/92	base	W3E				56	3.1	19 B	105,000	30 U
11/10/92	intermediate	W3E				18	0.6			
12/8/92	intermediate	W3E				23 J	1.4	7.0 U	232,000	40
4/22/92	intermediate	W6		23,313		11	0.2 J	8.0 U	144,000	26
5/25/92	intermediate	W6		13,422 M	100 J	2.6	9.1E-02	8.0 U	101,000	31
6/18/92	base	W6		32,885		9.4	0.3 J	8.0 U	169,000	19 B
7/28/92	intermediate	W6		25,781		11	0.2	5.0 U	131,000	29 J
8/15/92	base	W6				7.2		5.0 U	137,000	22
9/16/92	base	W6				4.4	4.2E-02 J	5.0 U	144,000	10 B
10/5/92	base	W6				1.5	0.1	7.0 U	158,000	21 U
11/9/92	intermediate	W6				3.5	0.1	7.0 U	110,000	24
12/7/92	intermediate	W6				2.6 J	0.1	7.0 U	231,000	26
4/24/92	high	W10		32,600 M		13 M	0.2 M	8.0 UM	157,667 M	39 M
5/26/92	base	W10		46,079 M	113 J	8.6	0.1 J	8.0 U	290,000	2.0 U
6/17/92	base	W10		51,735		8.7	0.2 J	8.0 U	332,000	3.3 B
7/27/92	high	W10		24,412		69		5.0 U	91,800	17 BJ
8/15/92	intermediate	W10				18		5.0 U	131,000	30
9/2/92	intermediate	W10				18	7.4E-02			
9/16/92	base	W10				21	0.1	5.0 U	285,000	5.6 B
10/6/92	intermediate	W10				88	9.4E-02	8.4 B	167,000	5.4 BU
11/10/92	intermediate	W10				8.3	9.1E-02	9.0 B	172,000	2.0 U
12/8/92	intermediate	W10				8.9 J	8.2E-02	7.0 U	205,000	2.0 U
4/10/92	base	W7		22,176		79	0.7 J	8.0 U	380,000	10 BJ
5/27/92	base	W7		18,832 M		37 M	0.9 M	8.0 UM	194,667	42 M
6/17/92	high	W7		28,477		31	0.7 J	8.0 U	244,000	53
7/29/92	base	W7		20,680		40	0.6	5.0 U	221,000	17 BJ
8/17/92	base	W7				41		5.0 U	185,000	59
9/4/92	base	W7				41	0.6			
9/18/92	intermediate	W7				91	0.7 J	5.0 U	317,000	157
10/5/92	base	W7				61 M	0.8 M	7.0 UM	367,000 M	196 M
11/9/92	base	W7				91	0.9	7.0 U	330,000	127
12/7/92	high	W7				176 M	1.7 M	7.0 UM	431,667 M	125 M
4/10/92	high	W5		39,626		2.7	0.3 J	8.0 U	124,000	15 BJ
5/25/92	base	W5		46,054		3.2	0.2	8.0 U	142,000	4.4 B
6/18/92	base	W5		44,376		3.2	0.5 J	8.0 U	125,000	36 U
7/29/92	intermediate	W5		39,312		5.7	0.6	5.0 U	128,000	3.9 BJ
8/16/92	base	W5				3.7 M		5.0 UM	117,667 M	6.2 UM
9/4/92	base	W5				4.0	0.2			
9/18/92	base	W5				3.7	0.4	5.0 U	132,000	4.0 B

Table I-2B. (cont.)

Date	Flow	Station	ID	Magnesium (μg/L)	Manganese (μg/L)	Mercury-total (ng/L)	Methyl mercury-total (ng/L)	Nickel (μg/L)	Sodium (μg/L)	Zinc (μg/L)
10/5/92	base	W5				3.1	0.3	7.0 U	133,000	7.9 BU
11/9/92	base	W5				3.8	0.5	9.1 B	108,000	5.3 B
12/7/92	base	W5				1.8 J	0.5	7.0 U	213,000	6.4 B
4/10/92	high	W8		13,847		16	0.2 J	128	157,000	12 BJ
5/25/92	base	W8		14,488 M	89 J	8.7	6.2E-02 J	69	153,000	13 B
6/18/92	base	W8		13,382		19	0.2 J	115	154,000	38 U
7/28/92	intermediate	W8		12,811 M		9.9 M	0.1 M	30 M	150,333 M	6.7 M
8/17/92	base	W8				5.8	0.1	109	140,000	7.3 BU
9/4/92	base	W8				8.5	0.5			
9/18/92	base	W8				9.2	5.1E-02 J	54	164,000	59
10/5/92	base	W8				7.3	6.7E-02	58	157,000	8.6 BU
11/9/92	base	W8				5.6 M	0.1 M	37 M	196,333 M	5.9 M
12/7/92	base	W8				6.3 J	8.6E-02	18 B	197,000	14 B
4/22/92	high	W4		20,909		4.9	0.2	8.0 U	225,000	7.0 B
5/25/92	intermediate	W4		19,096 M	42 J	7.5	0.2 J	8.0 U	362,000	4.4 B
6/18/92	base	W4		28,368		4.7	0.3 J	8.0 U	638,000	7.3 B
7/28/92	intermediate	W4		21,573		6.0	0.3	5.0 U	262,000	11 BJ
8/15/92	intermediate	W4				3.2		5.0 U	396,000	17 BU
9/15/92	base	W4		27,570		6.5	0.3	5.0 U	538,000	51
10/5/92	base	W4				1.8	0.2	7.0 U	438,000	7.1 BU
11/9/92	intermediate	W4				2.7	0.2	7.0 U	297,000	3.6 B
12/7/92	intermediate	W4				1.1 J	7.1E-02	7.0 U	356,000	6.1 B
6/19/92	base	W9				3.6	4.7E-02 J	8.0 U	118,000	11 BU
6/19/92	base	W11				2.0	0.2 J	8.0 U	103,000	11 BU
4/25/92	high	W12		22,438		7.9 M	0.3 M	8.0 U	193,000	6.9 B
5/27/92	intermediate	W12		24,558		3.3	0.2	8.0 U	214,000	6.1 B
6/19/92	base	W12				4.2	0.2 J	8.0 U	131,000	16 BU
7/30/92	intermediate	W12		20,792		4.9	0.2	5.0 U	171,000	6.3 BJ
8/18/92	intermediate	W12				4.5	0.2 J	5.0 U	188,000	6.3 BU
9/17/92	base	W12				5.6	0.3	10 B	199,000	14 B
10/7/92	intermediate	W12				46	0.9	7.0 U	222,000	6.3 BU
11/11/92	intermediate	W12				2.2	1.7	7.0 U	211,000	5.3
12/9/92	base	W12				3.9 J	0.8	7.0 U	230,000	4.2 BU
8/29/92	high	W3E	C			25	1.3	7.6 B	215,000	30
8/29/92	high	W3E	G			23	1.5	11 B	252,000	43
9/26/92	high	W3E	C			38	1.1	5.2 M	97,233 M	25 M
9/26/92	high	W3E	G			13	1.4	10 B	101,000	48
11/23/92	high	W3E	C			20	0.9	15 B	95,800	71
11/23/92	high	W3E	G			38	1.0			
12/18/92	high	W3E	C	14,280		104	1.5	6.8 B	160,000	41
12/18/92	high	W3E	G			93	0.9	9.5 B	157,000	45
8/29/92	high	W6	C			7.8	1.2E-02 U	5.0 U	84,700	73

Table I-2B. (cont.)

Date	Flow	Station	ID	Magnesium (μg/L)	Manganese (μg/L)	Mercury-total (ng/L)	Methyl mercury-total (ng/L)	Nickel (μg/L)	Sodium (μg/L)	Zinc (μg/L)
8/29/92	high	W6	G			42	1.6	11 B	45,500	182
9/26/92	high	W6	G					5.0 U	114,000	58
12/17/92	high	W6	C			9.8	3.6E-02 U	4.0 U	194,000	68
12/17/92	high	W6	G			3.9	0.1	4.0 U	220,000	39
8/29/92	high	W10	C			34	1.4	9.1 B	143,000	72
9/26/92	high	W10	C			73	0.3	5.0 U	110,000	20 BU
9/26/92	high	W10	G			10	0.4	5.0 U	130,000	22 U
12/16/92	high	W7	C			171	1.1	6.5 B	490,000	130
12/16/92	high	W7	G			198	1.2	6.0 B	486,000	126
8/29/92	high	W5	C			19	1.6	9.1 B	21,300	115
8/28/92	high	W5	G			45	9.3			
9/26/92	high	W5	C			51	0.5	5.0 U	152,000	72
9/26/92	high	W5	G			58	1.1	5.0 U	240,000	120
11/23/92	high	W5	C			147	3.2	17 B	88,500	188
11/23/92	high	W5	G			14	3.0	8.7 B	112,000	132
12/17/92	high	W5	C	23,850		24	1.1	7.0 B	110,000	105
12/17/92	high	W5	G	36,210		8.5	1.2	4.0 U	97,800	33
8/28/92	high	W8	G			38	4.4	156	77,100	157
8/29/92	high	W8	C			48	1.4	83 M	135,000 M	65 M
9/26/92	high	W8	C			28	0.2	56	112,000	57
9/26/92	high	W8	G			6.0	0.4	71	132,000	45 U
11/22/92	high	W8	C			153	1.0	122	119,000	141
11/22/92	high	W8	G			127	2.7	327	58,700	259
12/17/92	high	W8	C	12,150		125	0.7	153 M	135,667 M	117 M
12/17/92	high	W8	G	15,220		307	2.9	163	116,000	143
8/29/92	high	W4	C			12	0.7	5.0 U	566,000	38
11/23/92	high	W4	C			3.0	9.8E-02	7.0 U	367,000	3.6 B
11/23/92	high	W4	G			0.9	9.2E-02	7.0 U	363,000	3.9 B
12/17/92	high	W4	C	25,500		4.6	3.6E-02 U	4.0 U	386,000	13 B
12/17/92	high	W9	C	24,830		47	0.1	9.3 B	108,000	201
12/17/92	high	W11	C			9.7	0.1	4.0 U	188,000	27
8/29/92	high	W12	1			3.9	0.1	5.0 U	78,900	16 BU
8/29/92	high	W12	5			6.2	0.2	5.0 U	78,200	14 BU
8/29/92	high	W12	10			5.3	0.3	5.0 U	185,000	11 BU
8/29/92	high	W12	15			6.6	2.0	5.0 U	217,000	9.4 BU
9/27/92	high	W12	1			2.4	0.5	5.0 U	91,300	15 BU
9/27/92	high	W12	5			2.4	0.4	5.0 U	139,000	4.6 BU
9/27/92	high	W12	10			2.8	0.5	5.0 U	215,000	6.0 BU
9/27/92	high	W12	15			3.0	0.8	5.0 U	213,000	7.6 BU
11/24/92	high	W12	1			4.1	0.7 M	7.0 U	211,000	47
11/24/92	high	W12	5			3.8	0.9	7.7 B	208,000	11 B
11/24/92	high	W12	10	24,850		3.9	0.9	7.0 U	216,000	5.9 B

Table I-2B. (cont.)

Date	Flow	Station	ID	Magnesium (μg/L)	Manganese (μg/L)	Mercury-total (ng/L)	Methyl mercury-total (ng/L)	Nickel (μg/L)	Sodium (μg/L)	Zinc (μg/L)
11/24/92	high	W12	15	24,380		5.0	1.5	7.0 U	212,000	11 B
12/18/92	high	W12	1	25,190		5.8	0.9	4.0 U	217,000	47 J
12/18/92	high	W12	5	24,830		6.1	0.9	4.0 U	220,000	13 BJ
12/18/92	high	W12	10			4.2	0.9	7.7 B	221,000	16 BJ
12/18/92	high	W12	15			6.1	0.7	5.7 B	219,000	7.4 BJ
10/17/92	intermediate	W6	C			6.7	0.1	7.0 UM	86,633 M	43 M
10/17/92	intermediate	W6	G					7.0 U	118,000	33
8/28/92	intermediate	W10	G			63	1.0	9.5 B	186,000	88
10/24/92	intermediate	W10	C			71	0.4	7.0 U	155,000	21
10/24/92	intermediate	W10	G			49	0.4	7.0 U	170,000	23
12/16/92	intermediate	W10	C	33,480		18	0.1	4.0 U	207,000	14 B
12/16/92	intermediate	W10	G	35,450		13	0.1	4.0 U	213,000	22
8/28/92	intermediate	W7	G			47	1.8	7.1 B	206,000	59
8/29/92	intermediate	W7	C			91	2.7	8.7 B	111,000	77
11/22/92	intermediate	W7	C			122	1.3	7.0 UM	396,667 M	137 M
11/22/92	intermediate	W7	G			129	1.3	7.0 U	373,000	179
10/25/92	intermediate	W5	C	33,563 M		4.4	0.3	7.0 U	70,100	11 B
10/25/92	intermediate	W5	G	31,900		8.6	0.9	7.0 U	66,700	29
10/24/92	intermediate	W8	C	30,910		90	0.7	61	138,000	117
10/24/92	intermediate	W8	G	27,700		60	1.6	93	118,000	103
8/28/92	intermediate	W4	G	13,080		31	1.4	5.0 U	569,000	27
9/26/92	intermediate	W4	C	12,200		80	0.9	5.0 U	343,000	85
9/26/92	intermediate	W4	G			125	1.1	5.0 U	345,000	70
12/16/92	intermediate	W4	G			3.9	7.2E-02	4.0 U	405,000	12 B
10/18/92	intermediate	W12	1			6.0	2.9	7.0 U	226,000	6.7 B
10/18/92	intermediate	W12	5			6.4	1.6	7.0 U	224,000	7.2 B
10/18/92	intermediate	W12	10			6.1	1.8	7.0 U	231,000	8.1 B
10/18/92	intermediate	W12	15			7.4	1.7	7.0 U	216,000	3.3 B
11/11/92	intermediate	W12						17 B	100,000	13 B
10/17/92	base	W3E	C			21	1.7	11 B	83,000	30
10/17/92	base	W3E	G			9.5	1.9	7.0 U	89,200	42
9/26/92	base	W7	C			33	0.5	5.0 U	62,800	33 U
9/26/92	base	W7	G			23	0.7	5.0 U	65,700	74
10/24/92	base	W7	C			63	0.9	7.0 U	178,000	97
10/24/92	base	W7	G			95	1.2	7.0 U	278,000	179
10/16/92	base	W4	C	18,220		14	0.4	7.0 U	498,000	31
10/16/92	base	W4	G	31,170		4.0		7.0 U	517,000	14 B

Table I-2C. 1992 Tributary Surface Water, Organics

Date	Flow	Station	ID	Benzene (µg/L)	Chlorobenzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylene (Total) (µg/L)	1,2,3-Trichloro-benzene (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,2-Dichloro-benzene (µg/L)
4/10/92	base	W7		15	7.6	1.0 U	2.5	1.4	1.0 U	1.0 U	10
4/10/92	high	W5		1.0 U	1.0 U	1.0 U	2.1	1.7	1.0 U	1.0 U	1.0 U
4/10/92	high	W8		60	2.0 U	2.0 U	5.1	2.4	2.0 U	2.0 U	2.0 U
4/22/92	intermediate	W6		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4/22/92	high	W4		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4/24/92	high	W10		1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM
4/25/92	high	W12		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
5/25/92	intermediate	W6		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
5/25/92	base	W5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
5/25/92	base	W8		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
5/25/92	intermediate	W4		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
5/26/92	base	W10		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
5/27/92	base	W7		1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.2 M
5/27/92	intermediate	W12		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
6/17/92	base	W10		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
6/17/92	high	W7		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.2
6/18/92	base	W6		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
6/18/92	base	W5		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
6/18/92	base	W8		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
6/18/92	base	W4		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
6/19/92	base	W9		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
6/19/92	base	W11		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
6/19/92	base	W12		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
7/27/92	high	W10		1.0 U	1.0 U	1.0 U	1.0 U	3.0 U	1.0 U	1.0 U	1.0 U
7/28/92	intermediate	W6		1.0 U	1.0 U	1.7	1.0 U	3.0 U	1.0 U	1.0 U	1.0 U
7/28/92	intermediate	W8		1.0 UM	1.0 UM	1.0 UM	1.0 UM	3.0 UM	1.0 UM	1.0 UM	1.0 UM
7/28/92	intermediate	W4		1.0 U	1.0 U	1.0 U	1.0 U	3.0 U	1.0 U	1.0 U	1.0 U
7/29/92	base	W7		1.0 U	1.0 U	1.0 U	1.0 U	3.0 U	1.0 U	1.0 U	3.4
7/29/92	intermediate	W5		1.0 U	1.0 U	1.0 U	1.0 U	3.0 U	1.0 U	1.0 U	1.0 U
7/30/92	intermediate	W12		1.0 U	1.0 U	1.0 U	1.0 U	3.0 U	1.0 U	1.0 U	1.0 U
8/15/92	base	W6		1.0 U	1.0 U	1.0 U	1.0 U	3.0 U	1.0 U	1.0 U	1.0 U
8/15/92	intermediate	W10		1.0 U	1.0 U	1.0 U	1.0 U	3.0 U	1.0 U	1.0 U	1.0 U
8/15/92	intermediate	W4		1.0 U	1.0 U	1.0 U	1.0 U	3.0 U	1.0 U	1.0 U	1.0 U
8/16/92	base	W5		0.7 M	1.0 UM	1.0 UM	1.0 M	3.0 UM	1.0 UM	1.0 UM	1.0 UM
8/17/92	base	W7		1.0 U	1.0 U	1.0 U	1.0 U	3.0 U	1.0 U	1.0 U	2.0
8/17/92	base	W8		1.0 U	1.0 U	1.0 U	1.0 U	3.0 U	1.0 U	1.0 U	1.0 U
8/18/92	intermediate	W12		1.0 U	1.0 U	1.0 U	1.0 U	3.0 U	1.0 U	1.0 U	1.0 U
8/28/92	intermediate	W10	G	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
8/28/92	intermediate	W7	G	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
8/28/92	high	W5	G	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0
8/28/92	high	W8	G	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
8/28/92	intermediate	W4	G	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
8/29/92	high	W3E	C	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U

Table I-2C. (cont.)

Date	Flow	Station	ID	Benzene (μg/L)	Chlorobenzene (μg/L)	Ethylbenzene (μg/L)	Toluene (μg/L)	Xylene (Total) (μg/L)	1,2,3-Trichloro-benzene (μg/L)	1,2,4-Trichloro-benzene (μg/L)	1,2-Dichloro-benzene (μg/L)
8/29/92	high	W3E	G	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
8/29/92	high	W6	C	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
8/29/92	high	W6	G	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0	1.0	1.0
8/29/92	high	W10	C	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
8/29/92	intermediate	W7	C	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
8/29/92	high	W5	C	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0
8/29/92	high	W8	C	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM
8/29/92	high	W4	C	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
8/29/92	high	W12	1	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
8/29/92	high	W12	5	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
8/29/92	high	W12	10								
8/29/92	high	W12	15	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
9/15/92	base	W3E		1.0 U	1.0 U	1.0 U	3.1	3.0 U	1.0 U	1.0 U	1.0 U
9/15/92	base	W4		1.0 U	1.0 U	1.0 U	1.0 U	3.0 U	1.0 U	1.0 U	1.0 U
9/16/92	base	W6		1.0 U	1.0 U	1.0 U	1.0 U	3.0 U	1.0 U	1.0 U	1.0 U
9/16/92	base	W10		1.0 U	1.0 U	1.0 U	1.0 U	3.0 U	1.0 U	1.0 U	1.0 U
9/17/92	base	W12		1.0 U	1.0 U	1.0 U	1.0 U	3.0 U	1.0 U	1.0 U	1.0 U
9/18/92	intermediate	W7		1.0 U	1.0 U	1.0 U	1.0 U	3.0 U	1.0 U	1.0 U	1.0 U
9/18/92	base	W5		1.2	1.0 U	1.0 U	1.8	2.8	1.0 U	1.0 U	1.0 U
9/18/92	base	W8		17	1.0 U	1.0 U	2.0	1.1	1.0 U	1.0 U	1.0 U
9/26/92	high	W3E	C	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM
9/26/92	high	W3E	G	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/26/92	high	W6	G								
9/26/92	high	W10	C	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/26/92	high	W10	G	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/26/92	base	W7	C	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0
9/26/92	base	W7	G	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0
9/26/92	high	W5	C	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/26/92	high	W5	G	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/26/92	high	W8	C	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/26/92	high	W8	G	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/26/92	intermediate	W4	C	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/26/92	intermediate	W4	G	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/27/92	high	W12	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/27/92	high	W12	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/27/92	high	W12	10	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
9/27/92	high	W12	15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/5/92	base	W7		1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM
10/5/92	base	W5		1.7	1.0 U	1.0 U	2.6	3.6	1.0 U	1.0 U	1.0 U
10/5/92	base	W8		34	2.0 U	2.0 U	4.2	2.2	2.0 U	2.0 U	2.0 U
10/16/92	base	W4	C	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/16/92	base	W4	G	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/17/92	base	W3E	C	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table I-2C. **(cont.)**

Date	Flow	Station	ID	Benzene (µg/L)	Chlorobenzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylene (Total) (µg/L)	1,2,3-Trichloro-benzene (µg/L)	1,2,4-Trichloro-benzene (µg/L)	1,2-Dichloro-benzene (µg/L)
10/17/92	base	W3E	G	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/17/92	intermediate	W6	C	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM
10/17/92	intermediate	W6	G	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ
10/18/92	intermediate	W12	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/18/92	intermediate	W12	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/18/92	intermediate	W12	10	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/18/92	intermediate	W12	15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/24/92	intermediate	W10	C	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/24/92	intermediate	W10	G	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/24/92	base	W7	C	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0
10/24/92	base	W7	G	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0
10/24/92	intermediate	W8	C	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/24/92	intermediate	W8	G	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/25/92	intermediate	W5	C	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
10/25/92	intermediate	W5	G	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
11/9/92	base	W7		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
11/9/92	base	W5		1.1	1.0 U	1.0 U	1.7	2.8	1.0 U	1.0 U	1.0 U
11/9/92	base	W8		2.6 M	1.0 UM	1.0 UM	0.7 M	0.8 M	1.0 UM	1.0 UM	1.0 UM
11/11/92	intermediate	W12									
11/22/92	intermediate	W7	C	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.0 UJM	1.0 UJM	1.0 JM
11/22/92	intermediate	W7	G	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.1 UJ	1.0 J
11/22/92	high	W8	C	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
11/22/92	high	W8	G	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0	1.0	1.0
11/23/92	high	W3E	C	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ
11/23/92	high	W3E	G	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ
11/23/92	high	W5	C	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ
11/23/92	high	W5	G	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ
11/23/92	high	W4	C	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ
11/23/92	high	W4	G	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ
11/24/92	high	W12	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
11/24/92	high	W12	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
11/24/92	high	W12	10	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
11/24/92	high	W12	15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
12/7/92	high	W7		1.0 UM	1.0 UM	1.0 UM	1.0 UM	1.8 M	1.0 UM	2.4 M	1.1 M
12/7/92	base	W5		1.0 U	1.0 UJ	1.0 UJ	1.5 J	2.0 J	1.0 UJ	1.0 UJ	1.0 U
12/7/92	base	W8		1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.8 J	1.0 UJ	1.0 UJ	1.0 U
12/16/92	intermediate	W10	C	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
12/16/92	intermediate	W10	G	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
12/16/92	high	W7	C	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.7 J	1.0 U	2.2 U	1.8 U
12/16/92	high	W7	G	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.6 J	1.0 U	1.9 U	1.0 U
12/16/92	intermediate	W4	G	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
12/17/92	high	W6	C	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U
12/17/92	high	W6	G	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U

Table I-2C. **(cont.)**

Date	Flow	Station	ID	Benzene (μg/L)	Chlorobenzene (μg/L)	Ethylbenzene (μg/L)	Toluene (μg/L)	Xylene (Total) (μg/L)	1,2,3-Trichloro-benzene (μg/L)	1,2,4-Trichloro-benzene (μg/L)	1,2-Dichloro-benzene (μg/L)
12/17/92	high	W5	C	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U
12/17/92	high	W5	G	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U
12/17/92	high	W8	C	1.0 UM	1.0 UM	1.0 UM	1.0 UM	0.7 M	1.0 UJM	1.0 UJM	1.0 UJM
12/17/92	high	W8	G	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U
12/17/92	high	W4	C	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
12/17/92	high	W9	C	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U
12/17/92	high	W11	C	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U
12/18/92	high	W3E	C	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U
12/18/92	high	W3E	G	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U
12/18/92	high	W12	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
12/18/92	high	W12	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
12/18/92	high	W12	10	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
12/18/92	high	W12	15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table I-2C. (cont.)

Date	Flow	Station	ID	1,3,5-Trichloro-benzene (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	Dichloro-benzenes (Sum) (µg/L)	Hexachloro-benzene (µg/L)	Trichloro-benzenes (Sum) (µg/L)
4/10/92	base	W7		1.0 U	1.0 U	13	23	0.5 UJ	1.0 U
4/10/92	high	W5		1.0 U	1.0 U	1.0 U	1.0 U	0.5 UJ	1.0 U
4/10/92	high	W8		2.0 U	2.0 U	2.0 U	2.0 U	0.5 UJ	2.0 U
4/22/92	inter	W6		1.0 U	1.0 U	1.0 U	1.0 U	0.5 UJ	1.0 U
4/22/92	high	W4		1.0 U	1.0 U	1.0 U	1.0 U	0.5 UJ	1.0 U
4/24/92	high	W10		1.0 UM	1.0 UM	1.0 UM	1.0 UM	0.5 UM	1.0 UM
4/25/92	high	W12		1.0 U	1.0 U	1.0 U		0.5 UJ	
5/25/92	inter	W6		1.0 U	1.0 U	1.0 U	1.0 U	0.5 UJ	1.0 U
5/25/92	base	W5		1.0 U	1.0 U	1.0 U	1.0 U	0.5 UJ	1.0 U
5/25/92	base	W8		1.0 U	1.0 U	1.0 U	1.0 U	0.5 UJ	1.0 U
5/25/92	inter	W4		1.0 U	1.0 U	1.0 U	1.0 U	0.5 UJ	1.0 U
5/26/92	base	W10		1.0 U	1.0 U	1.0 U	1.0 U	0.5 UJ	1.0 U
5/27/92	base	W7		1.0 UM	1.0 UM	8.5 M	9.7 M	0.5 UM	1.0 UM
5/27/92	inter	W12		1.0 U	1.0 U	1.0 U		0.5 UJ	
6/17/92	base	W10		1.0 U	1.0 U	1.0 U	1.0 U	0.5 UJ	1.0 U
6/17/92	high	W7		1.0 U	1.0 U	7.8	13	0.5 UJ	1.0 U
6/18/92	base	W6		1.0 U	1.0 U	1.0 U	1.0 U	0.5 UJ	1.0 U
6/18/92	base	W5		1.0 U	1.0 U	1.0 U	1.0 U	0.5 UJ	1.0 U
6/18/92	base	W8		1.0 U	1.0 U	1.0 U	1.0 U	0.5 UJ	1.0 U
6/18/92	base	W4		1.0 U	1.0 U	1.0 U	1.0 U	0.5 UJ	1.0 U
6/19/92	base	W9		1.0 U	1.0 U	1.0 U	1.0 U	0.5 UJ	1.0 U
6/19/92	base	W11		1.0 U	1.0 U	1.0 U	1.0 U	0.5 UJ	1.0 U
6/19/92	base	W12		1.0 U	1.0 U	1.0 U		0.5 UJ	
7/27/92	high	W10		1.0 U	1.0 U	1.2 U	1.0 U	5.0E-02 UJ	1.0 U
7/28/92	inter	W6		1.0 U	1.0 U	1.0 U	1.0 U	5.0E-02 UJ	1.0 U
7/28/92	inter	W8		1.0 UM	1.0 UM	1.0 UM	1.0 UM	5.0E-02 UM	1.0 UM
7/28/92	inter	W4		1.0 U	1.0 U	1.0 U	1.0 U	5.0E-02 UJ	1.0 U
7/29/92	base	W7		1.0 U	1.0 U	7.7	11	5.0E-02 UJ	1.0 U
7/29/92	inter	W5		1.0 U	1.0 U	1.0 U	1.0 U	5.0E-02 UJ	1.0 U
7/30/92	inter	W12		1.0 U	1.0 U	1.0 U		5.0E-02 UJ	
8/15/92	base	W6		1.0 U	1.0 U	1.0 U	1.0 U	5.0E-02 UJ	1.0 U
8/15/92	inter	W10		1.0 U	1.0 U	1.0 U	1.0 U	5.0E-02 UJ	1.0 U
8/15/92	inter	W4		1.0 U	1.0 U	1.0 U	1.0 U	5.0E-02 UJ	1.0 U
8/16/92	base	W5		1.0 UM	1.0 UM	1.0 UM	1.0 UM	5.0E-02 UM	1.0 UM
8/17/92	base	W7		1.0 U	1.0 U	4.6	6.6	5.0E-02 UJ	1.0 U
8/17/92	base	W8		1.0 U	1.0 U	1.0 U	1.0 U	5.0E-02 UJ	1.0 U
8/18/92	inter	W12		1.0 U	1.0 U	1.0 U		5.0E-02 UJ	
8/28/92	inter	W10	G	1.0 U	1.0 UJ	1.0 U	1.0	5.0E-02	1.0
8/28/92	inter	W7	G	1.0 U	1.0 UJ	1.0 U	1.0	5.0E-02	1.0
8/28/92	high	W5	G	1.0	1.0 UJ	1.0 U	1.0	5.0E-02	1.0
8/28/92	high	W8	G	1.0 U	1.0 UJ	1.0 U	1.0	5.0E-02	1.0
8/28/92	inter	W4	G	1.0 U	1.0 UJ	1.0 U	1.0	5.0E-02	1.0
8/29/92	high	W3E	C	1.0 U	1.0 U	1.0 U	1.0 U	5.0E-02 UJ	1.0 U

Table I-2C. (cont.)

Date	Flow	Station	ID	1,3,5-Trichloro-benzene (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	Dichloro-benzenes (Sum) (µg/L)	Hexachloro-benzene (µg/L)	Trichloro-benzenes (Sum) (µg/L)
8/29/92	high	W3E	G	1.0 U	1.0 UJ	1.0 U	1.0	5.0E-02	1.0
8/29/92	high	W6	C	1.0 U	1.0	1.0 U	1.0	5.0E-02	1.0
8/29/92	high	W6	G	1.0	1.0 UJ	1.0	1.0	5.0E-02	1.0
8/29/92	high	W10	C	1.0 U	1.0 UJ	1.0 U	1.0	5.0E-02	1.0
8/29/92	inter	W7	C	1.0 U	1.0 UJ	1.0 U	1.0	5.0E-02	1.0
8/29/92	high	W5	C	1.0	1.0 UJ	1.0 U	1.0	5.0E-02	1.0
8/29/92	high	W8	C	1.0 UM	1.0 UJM	1.0 UM	1.0 M	5.0E-02 M	1.0 M
8/29/92	high	W4	C	1.0 U	1.0 UJ	1.0 U	1.0	5.0E-02	1.0
8/29/92	high	W12	1	1.0 U	1.0 U	1.0 U		5.0E-02 UJ	
8/29/92	high	W12	5	1.0 U	1.0 U	1.0 U		5.0E-02 UJ	
8/29/92	high	W12	10					5.0E-02 UJ	
8/29/92	high	W12	15	1.0 U	1.0 U	1.0 U		5.0E-02 UJ	
9/15/92	base	W3E		1.0 U	1.0 U	1.0 U	1.0 U	5.0E-02 UJ	1.0 U
9/15/92	base	W4		1.0 U	1.0 U	1.0 U	1.0 U	5.0E-02 UJ	1.0 U
9/16/92	base	W6		1.0 U	1.0 U	1.0 U	1.0 U	5.0E-02 UJ	1.0 U
9/16/92	base	W10		1.0 U	1.0 U	1.0 U	1.0 U	5.0E-02 UJ	1.0 U
9/17/92	base	W12		1.0 U	1.0 U	1.0 U		5.0E-02 UJ	
9/18/92	inter	W7		1.0 U	1.0 U	1.0 U	1.0 U	5.0E-02 UJ	1.0 U
9/18/92	base	W5		1.0 U	1.0 U	1.0 U	1.0 U	5.0E-02 UJ	1.0 U
9/18/92	base	W8		1.0 U	1.0 U	1.0 U	1.0 U	5.0E-02 UJ	1.0 U
9/26/92	high	W3E	C	1.0 UM	1.0 UJM	1.0 UM	1.0 M	5.0E-02 M	1.0 M
9/26/92	high	W3E	G	1.0 U	1.0 UJ	1.0 U	1.0	5.0E-02	1.0
9/26/92	high	W6	G						
9/26/92	high	W10	C	1.0 U	1.0 UJ	1.0 U	1.0	5.0E-02	1.0
9/26/92	high	W10	G	1.0 U	1.0 UJ	1.0 U	1.0	5.0E-02	1.0
9/26/92	base	W7	C	1.0	1.0 UJ	1.0 U	1.0	5.0E-02	1.0
9/26/92	base	W7	G	1.0	1.0 UJ	1.0 U	1.0	5.0E-02	1.0
9/26/92	high	W5	C	1.0 U	1.0 UJ	5.3 U	6.3	5.0E-02	1.0
9/26/92	high	W5	G	1.0 U	1.0 UJ	7.2 U	7.2	5.0E-02	1.0
9/26/92	high	W8	C	1.0 U	1.0 UJ	1.0 U	1.0	5.0E-02	1.0
9/26/92	high	W8	G	1.0 U	1.0	1.0 U	1.0	5.0E-02	1.0
9/26/92	inter	W4	C	1.0 U	1.0 UJ	1.0 U	1.0	5.0E-02	1.0
9/26/92	inter	W4	G	1.0 U	1.0 UJ	1.0 U	1.0	5.0E-02	1.0
9/27/92	high	W12	1	1.0 U	1.0 U	1.0 U		5.0E-02 UJ	
9/27/92	high	W12	5	1.0 U	1.0 U	1.0 U		5.0E-02 UJ	
9/27/92	high	W12	10	1.0 U	1.0 U	1.0 U		5.0E-02 UJ	
9/27/92	high	W12	15	1.0 U	1.0 U	1.0 U		5.0E-02 UJ	
10/5/92	base	W7		1.0 UM	1.0 UM	13 M	13 M		1.0 UM
10/5/92	base	W5		1.0 U	1.0 U	1.0 U	1.0 U		1.0 U
10/5/92	base	W8		2.0 U	2.0 U	2.0 U	2.0 U		2.0 U
10/16/92	base	W4	C	1.0 U	1.0 UJ	1.0 U	1.0	5.0E-02	1.0
10/16/92	base	W4	G	1.0 U	1.0 UJ	1.0 U	1.0	5.0E-02	1.0
10/17/92	base	W3E	C	1.0 U	1.0 UJ	1.0 U	1.0	5.0E-02	1.0

Table I-2C. **(cont.)**

Date	Flow	Station	ID	1,3,5-Trichloro-benzene (µg/L)	1,3-Dichloro-benzene (µg/L)	1,4-Dichloro-benzene (µg/L)	Dichloro-benzenes (Sum) (µg/L)	Hexachloro-benzene (µg/L)	Trichloro-benzenes (Sum) (µg/L)
10/17/92	base	W3E	G	1.0 U	1.0 UJ	1.0 U	1.0	5.0E-02	1.0
10/17/92	inter	W6	C	1.0 UM	1.0 UJM	1.0 UM	1.0 M	5.0E-02	1.0 M
10/17/92	inter	W6	G	1.0 U	1.0 UJ	1.0 U	1.0	5.0E-02	1.0
10/18/92	inter	W12	1	1.0 U	1.0 U	1.0 U		5.0E-02 UJ	
10/18/92	inter	W12	5	1.0 U	1.0 U	1.0 U		5.0E-02 UJ	
10/18/92	inter	W12	10	1.0 U	1.0 U	1.0 U		5.0E-02 UJ	
10/18/92	inter	W12	15	1.0 U	1.0 U	1.0 U		5.0E-02 UJ	
10/24/92	inter	W10	C	1.0 U	1.0 UJ	1.0 U	1.0	5.0E-02	1.0
10/24/92	inter	W10	G	1.0 U	1.0 UJ	1.0 U	1.0	5.0E-02	1.0
10/24/92	base	W7	C	1.0	1.0 U	5.1	5.1	5.0E-02	1.0
10/24/92	base	W7	G	1.0	1.0 UJ	7.7	7.7	5.0E-02	1.0
10/24/92	inter	W8	C	1.0 U	1.0 UJ	1.0 U	1.0	5.0E-02	1.0
10/24/92	inter	W8	G	1.0 U	1.0 UJ	1.0 U	1.0		1.0
10/25/92	inter	W5	C	1.0 U	1.0 UJ	1.0 U	1.0	5.0E-02	1.0
10/25/92	inter	W5	G	1.0 U	1.0 UJ	1.0 U	1.0	5.0E-02	1.0
11/9/92	base	W7		1.0 U	1.0 U	13	13	5.0E-02 UJ	1.0 U
11/9/92	base	W5		1.0 U	1.0 U	1.0 U	1.0 U	5.0E-02 UJ	1.0 U
11/9/92	base	W8		1.0 UM	1.0 UM	1.0 UM	1.0 UM	5.0E-02 UM	1.0 UM
11/11/92	inter	W12							
11/22/92	inter	W7	C	1.0 M	1.0 UJM	2.2 M	2.2 M	5.0E-02 M	1.0 M
11/22/92	inter	W7	G	1.0	1.0 UJ	2.3	2.3	5.0E-02	1.1
11/22/92	high	W8	C	1.0 U	1.0	1.0 U	1.0	5.0E-02	1.0
11/22/92	high	W8	G	1.0	1.0 UJ	1.0	1.0	5.0E-02	1.0
11/23/92	high	W3E	C	1.0 U	1.0 UJ	1.0 U	1.0	5.0E-02	1.0
11/23/92	high	W3E	G	1.0 U	1.0 UJ	1.0 U	1.0	5.0E-02	1.0
11/23/92	high	W5	C	1.0 U	1.0 UJ	1.0 U	1.0	5.0E-02	1.0
11/23/92	high	W5	G	1.0 U	1.0 UJ	1.0 U	1.0	5.0E-02	1.0
11/23/92	high	W4	C	1.0 U	1.0 UJ	1.0 U	1.0	5.0E-02	1.0
11/23/92	high	W4	G	1.0 U	1.0 UJ	1.0 U	1.0	5.0E-02	1.0
11/24/92	high	W12	1	1.0 U	1.0 U	1.0 U		5.0E-02 UJ	
11/24/92	high	W12	5	1.0 U	1.0 U	1.0 U		5.0E-02 UJ	
11/24/92	high	W12	10	1.0 U	1.0 U	1.0 U		5.0E-02 UJ	
11/24/92	high	W12	15	1.0 U	1.0 U	1.0 U		5.0E-02 UJ	
12/7/92	high	W7		1.0 UM	1.0 M	20 M	22 M	5.0E-02 UM	2.4 M
12/7/92	base	W5		1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	5.0E-02 UJ	1.0 U
12/7/92	base	W8		1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	5.0E-02 UJ	1.0 U
12/16/92	inter	W10	C	1.0 U	1.0 UJ	1.0 U	1.0	0.5	1.0
12/16/92	inter	W10	G	1.0 U	1.0 UJ	1.0 U	1.0	0.5	1.0
12/16/92	high	W7	C	1.0 U	1.0 UJ	16 U	18	0.5	2.2
12/16/92	high	W7	G	1.0 U	1.0 UJ	16 U	16	0.5	1.9
12/16/92	inter	W4	G	1.0 U	1.0 UJ	1.0 U	1.0	0.5	1.0
12/17/92	high	W6	C	1.0 U	1.0 UJ	1.0 U	1.0	0.5	1.0
12/17/92	high	W6	G	1.0 U	1.0	1.0 U	1.0	0.5	1.0

Table I-2C. **(cont.)**

Date	Flow	Station	ID	1,3,5-Trichloro-benzene (μg/L)	1,3-Dichloro-benzene (μg/L)	1,4-Dichloro-benzene (μg/L)	Dichloro-benzenes (Sum) (μg/L)	Hexachloro-benzene (μg/L)	Trichloro-benzenes (Sum) (μg/L)
12/17/92	high	W5	C	1.0 U	1.0 UJ	1.0 U	1.0	0.5	1.0
12/17/92	high	W5	G	1.0 U	1.0 U	1.0 U	1.0	0.5	1.0
12/17/92	high	W8	C	1.0 UM	1.0 UJM	1.0 UM	1.0 M	0.5	1.0 M
12/17/92	high	W8	G	1.0 U	1.0 UJ	1.0 U	1.0	0.5	1.0
12/17/92	high	W4	C	1.0 U	1.0 UJ	1.0 U	1.0	0.5	1.0
12/17/92	high	W9	C	1.0 U	1.0 UJ	1.0 U	1.0	0.5	1.0
12/17/92	high	W11	C	1.0 U	1.0 UJ	1.0 U	1.0	0.5	1.0
12/18/92	high	W3E	C	1.0 U	1.0 UJ	1.0 U	1.0	0.5	1.0
12/18/92	high	W3E	G	1.0 U	1.0 UJ	1.0 U	1.0	0.5	1.0
12/18/92	high	W12	1	1.0 U	1.0 U	1.0 U		5.0E-02 UJ	
12/18/92	high	W12	5	1.0 U	1.0 U	1.0 U		5.0E-02 UJ	
12/18/92	high	W12	10	1.0 U	1.0 U	1.0 U		5.0E-02 UJ	
12/18/92	high	W12	15	1.0 U	1.0 U	1.0 U		5.0E-02 UJ	

Table I-3. 1992 Onondaga Lake Sediment (0-2 cm)

Analyte	Units	Date / Station	7/20/92 S108	7/20/92 S109	7/20/92 S110	7/21/92 S75	7/21/92 S82	7/21/92 S83	7/21/92 S84	7/22/92 S74	7/22/92 S76
Conventional Analytes											
Acid-volatile sulfide	mg/kg		400 J	20 UJ	20 UJ	170 J	190 J	290 J	1,400 J	30 J	70 J
Calcium carbonate	%-dw		84	88	81	56	58	53	43	22	27
Chloride-Calculated	mg/kg		599	440	364	395	442	430	529	1,269	485
Chloride-Measured	mg/kg		820	460	350	330	400	530	780	570	310
Percent moisture	%-ww		58	51	49	46	48	55	60	31	39
Total organic carbon	%-dw		1.0	0.8	0.8	1.2	1.1	1.6	2.1	0.3	0.9
Total solids	%-ww		42 M	49 M	51 M	55 M	53 M	45 M	40 M	69 M	61 M
Percent clay	%-ww		0.9	1.3	0.8	1.5	1.6	1.4	2.0	0.7	1.2
Percent fines (clay & silt)	%-dw		19	16	4.7	26	50	52	57	2.9	17
Percent sand	%-ww		35	41	49	40	25	21	8.7	67	51
Percent silt	%-ww		7.0	6.3	1.6	13	25	22	21	1.3	9.1
Metals											
Aluminum	mg/kg										
Antimony	mg/kg										
Arsenic	mg/kg										
Barium	mg/kg										
Beryllium	mg/kg										
Cadmium	mg/kg		5.2	2.6	4.0	0.9 B	0.6 B	0.4 U	0.8 B	0.8	1.4
Calcium	mg/kg		298,000	308,000	261,000	182,000	196,000	162,000	136,000	74,200	76,700
Chromium	mg/kg		69 J	56 J	74 J	12 J	6.9 J	7.6 J	15 J	14 J	11 J
Cobalt	mg/kg										
Copper	mg/kg		35 J	25 J	31 J	15 J	16 J	20 J	28 J	4.7 J	9.9 J
Cyanide	mg/kg										
Iron	mg/kg										
Lead	mg/kg		23	11	6.8	10	21	24	16	5.3	12
Magnesium	mg/kg		3,030	2,810	2,640	5,660	7,160	6,600	9,990	3,090	5,330
Manganese	mg/kg										
Mercury	mg/kg		2.3	1.6	2.2	2.5 M	1.1	1.7	2.7	0.8	1.9
Nickel	mg/kg		13 BJ	6.0 BJ	8.6 J	12 J	11 BJ	14 BJ	15 J	5.7 J	11 J
Potassium	mg/kg										
Selenium	mg/kg										
Silver	mg/kg										
Sodium	mg/kg										
Thallium	mg/kg										
Vanadium	mg/kg										
Zinc	mg/kg		111 J	52 J	75 J	66 J	50 J	60 J	86 J	22 J	47 J
Volatile Organic Compounds											
1,1,1-Trichloroethane	µg/kg										
1,1,2,2-Tetrachloroethane	µg/kg										
1,1,2-Trichloroethane	µg/kg										
1,1-Dichloroethane	µg/kg										
1,1-Dichloroethene	µg/kg										
1,2-Dichloroethane	µg/kg										
1,2-Dichloroethene (Total)	µg/kg										
1,2-Dichloropropane	µg/kg										
2-Butanone	µg/kg										

Table I-3. (cont.)

Analyte	Units	Date Station	7/20/92 S108	7/20/92 S109	7/20/92 S110	7/21/92 S75	7/21/92 S82	7/21/92 S83	7/21/92 S84	7/22/92 S74	7/22/92 S76
2-Hexanone	µg/kg										
4-Methyl-2-pentanone	µg/kg										
Acetone	µg/kg										
Benzene	µg/kg		11 UJ	10 UJ	9.0 U	9.0 UJ	10 UJ	11 UJ	12 UJ	7.0 UJ	8.0 UJ
Bromodichloromethane	µg/kg										
Bromoform	µg/kg										
Bromomethane	µg/kg										
Carbon disulfide	µg/kg										
Carbon Tetrachloride	µg/kg										
Chlorobenzene	µg/kg		11 UJ	10 UJ	9.0 U	9.0 UJ	10 UJ	11 UJ	12 UJ	7.0 UJ	8.0 UJ
Chloroethane	µg/kg										
Chloroform	µg/kg										
Chloromethane	µg/kg										
Cis-1,3-dichloropropene	µg/kg										
Dibromochloromethane	µg/kg										
Ethylbenzene	µg/kg		11 UJ	10 UJ	9.0 U	9.0 UJ	10 UJ	11 UJ	12 UJ	7.0 UJ	8.0 UJ
Isopropanol	µg/kg										
Methylene chloride	µg/kg										
Pentachloro benzene	µg/kg					6.0 U	6.2 UJ	7.4 U	8.1 U	4.8 U	5.4 U
Styrene	µg/kg										
Tetrachlorobenzene (mixed)	µg/kg					4.0 BJN	6.2 UJ	12 BJN	8.1 U	4.8 U	5.4 U
Tetrachloroethene	µg/kg										
Toluene	µg/kg		10 J	10 UJ	9.0 U	9.0 UJ	10 UJ	11 UJ	12 UJ	9.0 J	8.0 UJ
Trans-1,3-dichloropropene	µg/kg										
Trichloroethene	µg/kg										
Vinyl chloride	µg/kg										
Xylene (Total)	µg/kg		11 UJ	10 UJ	9.0 U	9.0 UJ	10 UJ	11 UJ	12 UJ	7.0 UJ	8.0 UJ
Semivolatile Organic Compounds											
1,1'-(1-methylethylidene)bis-benzene	µg/kg										
1,1'(3methyl1propene1,3diyl)bis-benzene	µg/kg										
1,2,3,4-Tetrachlorobenzene	µg/kg					6.0 U	6.2 UJ	7.4 U	8.1 U	4.8 U	5.4 U
1,2,3-Trichlorobenzene	µg/kg		11 UJ	10 UJ	9.0 U	9.0 UJ	10 UJ	11 UJ	12 UJ	7.0 UJ	8.0 UJ
1,2,3-Trimethyl-4-propenyl naphthalene	µg/kg										
1,2,4-Trichlorobenzene	µg/kg		11 UJ	10 UJ	9.0 U	9.0 UJ	10 UJ	11 UJ	12 UJ	7.0 UJ	8.0 UJ
1,2-Dichlorobenzene	µg/kg		11 UJ	10 UJ	9.0 U	9.0 UJ	10 UJ	11 UJ	12 UJ	7.0 UJ	8.0 UJ
1,2-Dimethylnaphthalene	µg/kg										
1,3,5-Trichlorobenzene	µg/kg		11 UJ	10 UJ	9.0 U	9.0 UJ	10 UJ	11 UJ	12 UJ	7.0 UJ	8.0 UJ
1,3-Dichlorobenzene	µg/kg		11 UJ	10 UJ	9.0 U	9.0 UJ	10 UJ	11 UJ	12 UJ	7.0 UJ	8.0 UJ
1,4,5-Trimethylnaphthalene	µg/kg										
1,4-Dichlorobenzene	µg/kg		11 UJ	10 UJ	9.0 U	9.0 UJ	10 UJ	11 UJ	12 UJ	7.0 UJ	8.0 UJ
1,4-Dimethyl naphthalene	µg/kg										
1,6-Dimethyl naphthalene	µg/kg										
11h-Benzo[a]fluorene	µg/kg										
11h-Benzo[b]fluorene	µg/kg										
1-Methyl phenanthrene	µg/kg										
1-Methylhexyl benzene	µg/kg										
1-Methylnaphthalene	µg/kg										
1-Methylpyrene	µg/kg										

Table I-3. (cont.)

Analyte	Units	Date Station	7/20/92 S108	7/20/92 S109	7/20/92 S110	7/21/92 S75	7/21/92 S82	7/21/92 S83	7/21/92 S84	7/22/92 S74	7/22/92 S76
2,2'-Oxybis(1-chloropropane)	µg/kg										
2,3,6-Trimethyl octane	µg/kg										
2,3-Dihydro-1h-inden-1-one	µg/kg										
2,3-Dihydro-1-methyl-3-phenyl-1h-inden,	µg/kg										
2,4,5-Trichlorophenol	µg/kg										
2,4,6-Trichlorophenol	µg/kg										
2,4-Dichlorophenol	µg/kg										
2,4-Dimethylphenol	µg/kg										
2,4-Dinitrophenol	µg/kg										
2,4-Dinitrotoluene	µg/kg										
2,5-bis(1,1-dimethyletyl)-thiophene	µg/kg										
2,6,11-Trimethyldodecane	µg/kg										
2,6-Dinitrotoluene	µg/kg										
2,7,10-Trimethyldodecane	µg/kg										
2-Chloronaphthalene	µg/kg										
2-Chlorophenol	µg/kg										
2-Ethenyl naphthalene	µg/kg										
2-Ethyl-1-hexanamine	µg/kg										
2-Ethyl-1-hexanol	µg/kg										
2-Methyl-4,6-dinitrophenol	µg/kg										
2-Methylnaphthalene	µg/kg										
2-Methylphenol	µg/kg										
2-Nitroaniline	µg/kg										
2-Nitrophenol	µg/kg										
2-Phenyl naphthalene	µg/kg										
3-(2-Phenylethenly)-benzenamine	µg/kg										
3,3-Dichlorobenzidine	µg/kg										
3,6-Dimethyl undecane	µg/kg										
3-Methyl phenanthrene	µg/kg										
3-Methylcyclopentylbenzene	µg/kg										
3-Nitroaniline	µg/kg										
4,6-Dimethyl undecane	µg/kg										
4,9-Dipropyldodecane	µg/kg										
4-Bromophenyl-phenyl ether	µg/kg										
4-Chloro-3-methylphenol	µg/kg										
4-Chloroaniline	µg/kg										
4-Chlorophenyl-phenyl ether	µg/kg										
4-Methyl-biphenyl	µg/kg										
4-Methylphenol	µg/kg										
4-Nitroaniline	µg/kg										
4-Nitrophenol	µg/kg										
5-Methylene-5h-dibenzo[a,d]cycloheptene	µg/kg										
5-Propyl tridecane	µg/kg										
7-Methyl tridecane	µg/kg										
9-Octylheptadecane	µg/kg										
Acenaphthene	µg/kg		390 U	100 J	650 U	300 UJ	310 U	370 UJ	650 J	240 UJ	270 UJ
Acenaphthylene	µg/kg		780 U	670 UJ	1,300 UJ	610 UJ	630 UJ	730 UJ	620 J	470 UJ	540 UJ

Table I-3. (cont.)

Analyte	Units	Date / Station	7/20/92 S108	7/20/92 S109	7/20/92 S110	7/21/92 S75	7/21/92 S82	7/21/92 S83	7/21/92 S84	7/22/92 S74	7/22/92 S76
Anthracene	µg/kg		290 J	33 UJ	76 J	30 J	40 J	57 J	65 J	24 UJ	13 J
Benz(a)anthracene	µg/kg		41 J	33 UJ	120 J	93 J	140 J	200 J	230 J	40 J	36 J
Benzo(a)pyrene	µg/kg		51	33 UJ	130	100 J	94 J	180 J	290 J	24 UJ	45 J
Benzo(b)fluoranthene	µg/kg		87 J	67 UJ	200 J	130 J	350 J	230 J	350 J	190 J	60 J
Benzo(g,h,i)perylene	µg/kg		110	67 UJ	290	190 J	63 U	540 J	350 J	47 UJ	94 J
Benzo(k)fluoranthene	µg/kg		39 U	33 UJ	65 U	88 J	31 U	160 J	270 J	12 J	38 J
Benzo[e]pyrene	µg/kg										
Beta-methyl-beta-phenyl-benzeneethanol	µg/kg										
Bis(2-chloroethoxy)methane	µg/kg										
Bis(2-chloroethyl)ether	µg/kg										
Bis(2-ethylhexyl)phthalate	µg/kg										
Butylbenzylphthalate	µg/kg										
Carbazole	µg/kg										
Chrysene	µg/kg		69 J	33 UJ	170 J	170 J	270 J	350 J	480 J	24 UJ	71 J
Cyclohexyl benzene	µg/kg										
Cyclopentyl benzene	µg/kg										
Dibenz(a,h)anthracene	µg/kg		28 J	67 UJ	71 J	48 J	63 U	94 J	140 J	47 UJ	23 J
Dibenzofuran	µg/kg										
Dichlorobenzene, non-specific	µg/kg		11 UJ	10 UJ	9.0 U	9.0 UJ	10 UJ	11 UJ	12 UJ	7.0 UJ	8.0 UJ
Dichlorobenzenes (Sum)	µg/kg		11 U	10 U	9.0 U	9.0 U	10 U	11 U	12 U	7.0 U	8.0 U
Diethylphthalate	µg/kg										
Dimethylphthalate	µg/kg										
Di-n-butylphthalate	µg/kg										
Di-n-octylphthalate	µg/kg										
Fluoranthene	µg/kg		180 J	28 J	590 J	550 J	630 J	1,400 J	1,300 J	47 UJ	190 J
Fluorene	µg/kg		430	57 J	83 J	35 J	55 J	72 J	74 J	47 UJ	54 UJ
Heptadecane	µg/kg										
Hexachlorobenzene	µg/kg					28	11 J	22	19	4.8 U	5.8
Hexachlorobutadiene	µg/kg										
Hexachlorocyclopentadiene	µg/kg										
Hexachloroethane	µg/kg										
Hexadecane	µg/kg										
Indeno(1,2,3-cd)pyrene	µg/kg		39 U	33 UJ	82	84 J	56	170 J	140 J	24 UJ	39 J
Isophorone	µg/kg										
Naphthalene	µg/kg		390 UJ	330 UJ	650 U	300 UJ	310 U	370 UJ	410 UJ	240 UJ	270 UJ
Nitrobenzene	µg/kg										
N-nitroso-di-n-propylamine	µg/kg										
N-Nitrosodiphenylamine(1)	µg/kg										
PAH-high MW	µg/kg										
PAH-low MW	µg/kg										
Pentachlorophenol	µg/kg										
Phenanthrene	µg/kg		120	33 UJ	260	93 J	180 J	210 J	240 J	24 UJ	32 J
Phenol	µg/kg										
Pyrene	µg/kg		110 J	33 UJ	430 J	240 J	400 J	560 J	750 J	38 J	100 J
Total benzofluoranthenes (b + k)	µg/kg										
Trichlorobenzene	µg/kg		11 UJ	10 UJ	9.0 U	9.0 UJ	10 UJ	11 UJ	12 UJ	7.0 UJ	8.0 UJ
Trichlorobenzenes (Sum)	µg/kg		11 U	10 U	9.0 U	9.0 U	10 U	11 U	12 U	7.0 U	8.0 U

Table I-3. (cont.)

Analyte	Units	Date Station	7/20/92 S108	7/20/92 S109	7/20/92 S110	7/21/92 S75	7/21/92 S82	7/21/92 S83	7/21/92 S84	7/22/92 S74	7/22/92 S76
Pesticides and PCBs											
4,4'-DDD	µg/kg										
4,4'-DDE	µg/kg										
4,4'-DDT	µg/kg										
Aldrin	µg/kg										
alpha-BHC	µg/kg										
alpha-Chlordane	µg/kg										
Aroclor-1016	µg/kg		78 UJ	67 U	64 U	60 U	62 U	74 U	81 U	48 U	54 U
Aroclor-1221	µg/kg		78 UJ	67 U	64 U	60 U	62 U	74 U	81 U	48 U	54 U
Aroclor-1232	µg/kg		78 UJ	67 U	64 U	60 U	62 U	74 U	81 U	48 U	54 U
Aroclor-1242	µg/kg		78 UJ	67 U	64 U	60 U	62 U	74 U	81 U	48 U	54 U
Aroclor-1248	µg/kg		78 UJ	67 U	64 U	60 U	62 U	74 U	81 U	48 U	54 U
Aroclor-1254	µg/kg		78 UJ	67 U	64 U	60 U	62 U	74 U	81 U	48 U	54 U
Aroclor-1260	µg/kg		78 UJ	67 U	64 U	60 U	62 U	74 U	81 U	48 U	54 U
beta-BHC	µg/kg										
Chlordane (Sum)	µg/kg										
DDT and metabolites	µg/kg										
delta-BHC	µg/kg										
Dieldrin	µg/kg										
Endosulfan I	µg/kg										
Endosulfan II	µg/kg										
Endosulfan sulfate	µg/kg										
Endrin aldehyde	µg/kg										
Endrin ketone	µg/kg										
Endrin	µg/kg										
gamma-BHC (Lindane)	µg/kg										
gamma-Chlordane	µg/kg										
Heptachlor epoxide	µg/kg										
Heptachlor	µg/kg										
Methoxychlor	µg/kg										
PCBs (Sum)	µg/kg		78 U	67 U	64 U	60 U	62 U	74 U	81 U	48 U	54 U
Polychlorinated biphenyls	µg/kg		78 UJ	67 U	64 U	60 U	62 U	74 U	81 U	48 U	54 U
Toxaphene	µg/kg										

Table I-3. (cont.)

Analyte	Units	Date Station	7/22/92 S77	7/22/92 S87	7/22/92 S94	7/23/92 S54	7/23/92 S55	7/23/92 S67	7/23/92 S68	7/24/92 S37	7/24/92 S47
Conventional Analytes											
Acid-volatile sulfide	mg/kg		800 J	10 UJ	20 UJ	200 J	900 J	400 J	600 J	80	1,800 J
Calcium carbonate	%-dw		41	91	91	80	65	79	70	87	79
Chloride-Calculated	mg/kg		516	390	709	3,377	3,900	1,039	595	595	698
Chloride-Measured	mg/kg		500	310	660	2,600	6,100	1,400	760	590	940
Percent moisture	%-ww		49	44	48	44	61	57	56	50	57
Total organic carbon	%-dw		1.4	0.8	0.8	0.6	1.2	0.5	0.7	0.7 J	1.0
Total solids	%-ww		51 M	56 M	52 M	57 M	39 M	43 M	44 M	50	43 M
Percent clay	%-ww		1.2	0.9	2.0	1.1	3.0	0.8	1.6	2.9	1.4
Percent fines (clay & silt)	%-dw		20	9.5	23	11	58	29	40	17	57
Percent sand	%-ww		40	51	41	51	16	29	26	40	18
Percent silt	%-ww		8.8	4.4	9.9	5.3	20	11	16	5.6	23
Metals											
Aluminum	mg/kg										
Antimony	mg/kg										
Arsenic	mg/kg										
Barium	mg/kg										
Beryllium	mg/kg										
Cadmium	mg/kg		1.7	1.6 B	1.0 B	4.1	14	0.9 B	7.8	0.6 B	1.5
Calcium	mg/kg		137,000	313,000	342,000	291,000	236,000	236,000	229,000	272,000	259,000
Chromium	mg/kg		18 J	38 J	20 J	68 J	283 J	33 J	113 J	195 J	112 J
Cobalt	mg/kg										
Copper	mg/kg		16 J	12 J	8.6 J	23 J	94 J	12 J	45 J	20	25 J
Cyanide	mg/kg										
Iron	mg/kg										
Lead	mg/kg		9.2	10	8.4	6.2	116 J	12	42 J	39 J	11
Magnesium	mg/kg		5,170	2,560	2,720	6,570	3,740	14,900	4,480	2,500	3,940
Manganese	mg/kg										
Mercury	mg/kg		2.6	1.0	1.0	1.8	13 M	0.9	5.5	0.5	0.5
Nickel	mg/kg		20 J	5.4 BJ	3.9 BJ	50 J	72 J	18 J	32 J	34	40 J
Potassium	mg/kg										
Selenium	mg/kg										
Silver	mg/kg										
Sodium	mg/kg										
Thallium	mg/kg										
Vanadium	mg/kg										
Zinc	mg/kg		76 J	34 J	24 J	113 J	270 J	50 J	181 J	43 J	79 J
Volatile Organic Compounds											
1,1,1-Trichloroethane	µg/kg										
1,1,2,2-Tetrachloroethane	µg/kg										
1,1,2-Trichloroethane	µg/kg										
1,1-Dichloroethane	µg/kg										
1,1-Dichloroethene	µg/kg										
1,2-Dichloroethane	µg/kg										
1,2-Dichloroethene (Total)	µg/kg										
1,2-Dichloropropane	µg/kg										
2-Butanone	µg/kg										

Table I-3. (cont.)

Analyte	Units	Date / Station	7/22/92 S77	7/22/92 S87	7/22/92 S94	7/23/92 S54	7/23/92 S55	7/23/92 S67	7/23/92 S68	7/24/92 S37	7/24/92 S47
2-Hexanone	µg/kg										
4-Methyl-2-pentanone	µg/kg										
Acetone	µg/kg										
Benzene	µg/kg		9.0 UJ	8.0 UJ	10 UJ	5,300	2,200	11 UJ	11 UJ	10 UJ	11 UJ
Bromodichloromethane	µg/kg										
Bromoform	µg/kg										
Bromomethane	µg/kg										
Carbon disulfide	µg/kg										
Carbon Tetrachloride	µg/kg										
Chlorobenzene	µg/kg		9.0 UJ	8.0 UJ	10 UJ	1,000 U	1,500 U	11 UJ	11 UJ	10 UJ	11 UJ
Chloroethane	µg/kg										
Chloroform	µg/kg										
Chloromethane	µg/kg										
Cis-1,3-dichloropropene	µg/kg										
Dibromochloromethane	µg/kg										
Ethylbenzene	µg/kg		9.0 UJ	8.0 UJ	10 UJ	1,000 U	1,500 U	11 UJ	11 UJ	10 UJ	11 UJ
Isopropanol	µg/kg										
Methylene chloride	µg/kg										
Pentachloro benzene	µg/kg		6.4 U			5.8 UJ	8.4 U			6.6 UJ	7.7 UJ
Styrene	µg/kg										
Tetrachlorobenzene (mixed)	µg/kg		6.4 U			4.9 JN	12 NJ			6.6 UJ	7.7 UJ
Tetrachloroethene	µg/kg										
Toluene	µg/kg		9.0 UJ	13 J	8.0 J	1,000 U	1,500 U	12 J	11 UJ	10 UJ	11 UJ
Trans-1,3-dichloropropene	µg/kg										
Trichloroethene	µg/kg										
Vinyl chloride	µg/kg										
Xylene (Total)	µg/kg		9.0 UJ	8.0 UJ	10 UJ	1,000 U	1,500 U	11 UJ	11 UJ	10 UJ	11 UJ
Semivolatile Organic Compounds											
1,1'-(1-methylethylidene)bis-benzene	µg/kg										
1,1'(3methyl1propene1,3diyl)bis-benzene	µg/kg										
1,2,3,4-Tetrachlorobenzene	µg/kg		6.4 U			5.8 UJ	8.4 U			6.6 UJ	7.7 UJ
1,2,3-Trichlorobenzene	µg/kg		9.0 UJ	8.0 UJ	10 UJ	1,000 U	1,500 U	11 UJ	11 UJ	10 UJ	11 UJ
1,2,3-Trimethyl-4-propenyl naphthalene	µg/kg										
1,2,4-Trichlorobenzene	µg/kg		9.0 UJ	8.0 UJ	10 UJ	1,000 U	1,500 U	11 UJ	11 UJ	10 UJ	11 UJ
1,2-Dichlorobenzene	µg/kg		9.0 UJ	8.0 UJ	10 UJ	1,000 U	1,500 U	11 UJ	11 UJ	10 UJ	11 UJ
1,2-Dimethylnaphthalene	µg/kg										
1,3,5-Trichlorobenzene	µg/kg		9.0 UJ	8.0 UJ	10 UJ	1,000 U	1,500 U	11 UJ	11 UJ	10 UJ	11 UJ
1,3-Dichlorobenzene	µg/kg		9.0 UJ	8.0 UJ	10 UJ	1,000 U	1,500 U	11 UJ	11 UJ	10 UJ	11 UJ
1,4,5-Trimethylnaphthalene	µg/kg										
1,4-Dichlorobenzene	µg/kg		9.0 UJ	8.0 UJ	10 UJ	1,000 U	790 J	11 UJ	11 UJ	5.0 J	11 UJ
1,4-Dimethyl naphthalene	µg/kg										
1,6-Dimethyl naphthalene	µg/kg										
11h-Benzo[a]fluorene	µg/kg										
11h-Benzo[b]fluorene	µg/kg										
1-Methyl phenanthrene	µg/kg										
1-Methylhexyl benzene	µg/kg										
1-Methylnaphthalene	µg/kg										
1-Methylpyrene	µg/kg										

Table I-3. (cont.)

Analyte	Units	Date / Station	7/22/92 S77	7/22/92 S87	7/22/92 S94	7/23/92 S54	7/23/92 S55	7/23/92 S67	7/23/92 S68	7/24/92 S37	7/24/92 S47
2,2'-Oxybis(1-chloropropane)	µg/kg										
2,3,6-Trimethyl octane	µg/kg										
2,3-Dihydro-1h-inden-1-one	µg/kg										
2,3-Dihydro-1-methyl-3-phenyl-1h-inden,	µg/kg										
2,4,5-Trichlorophenol	µg/kg										
2,4,6-Trichlorophenol	µg/kg										
2,4-Dichlorophenol	µg/kg										
2,4-Dimethylphenol	µg/kg										
2,4-Dinitrophenol	µg/kg										
2,4-Dinitrotoluene	µg/kg										
2,5-bis(1,1-dimethyletyl)-thiophene	µg/kg										
2,6,11-Trimethyldodecane	µg/kg										
2,6-Dinitrotoluene	µg/kg										
2,7,10-Trimethyldodecane	µg/kg										
2-Chloronaphthalene	µg/kg										
2-Chlorophenol	µg/kg										
2-Ethenyl naphthalene	µg/kg										
2-Ethyl-1-hexanamine	µg/kg										
2-Ethyl-1-hexanol	µg/kg										
2-Methyl-4,6-dinitrophenol	µg/kg										
2-Methylnaphthalene	µg/kg										
2-Methylphenol	µg/kg										
2-Nitroaniline	µg/kg										
2-Nitrophenol	µg/kg										
2-Phenyl naphthalene	µg/kg										
3-(2-Phenylethenly)-benzenamine	µg/kg										
3,3-Dichlorobenzidine	µg/kg										
3,6-Dimethyl undecane	µg/kg										
3-Methyl phenanthrene	µg/kg										
3-Methylcyclopentylbenzene	µg/kg										
3-Nitroaniline	µg/kg										
4,6-Dimethyl undecane	µg/kg										
4,9-Dipropyldodecane	µg/kg										
4-Bromophenyl-phenyl ether	µg/kg										
4-Chloro-3-methylphenol	µg/kg										
4-Chloroaniline	µg/kg										
4-Chlorophenyl-phenyl ether	µg/kg										
4-Methyl-biphenyl	µg/kg										
4-Methylphenol	µg/kg										
4-Nitroaniline	µg/kg										
4-Nitrophenol	µg/kg										
5-Methylene-5h-dibenzo[a,d]cycloheptene	µg/kg										
5-Propyl tridecane	µg/kg										
7-Methyl tridecane	µg/kg										
9-Octylheptadecane	µg/kg										
Acenaphthene	µg/kg		330 UJ	290 UJ	320 UJ	290 UJ	1,300 UJ	440 J	370 UJ	330 UJ	570 J
Acenaphthylene	µg/kg		660 UJ	590 UJ	640 UJ	580 U	2,000 J	780 UJ	750 UJ	660 UJ	410 J

Table I-3. (cont.)

Analyte	Units	Date / Station	7/22/92 S77	7/22/92 S87	7/22/92 S94	7/23/92 S54	7/23/92 S55	7/23/92 S67	7/23/92 S68	7/24/92 S37	7/24/92 S47
Anthracene	µg/kg		30 J	29 UJ	32 UJ	23 J	100 J	38 J	46 J	33 UJ	89 J
Benz(a)anthracene	µg/kg		88 J	29 UJ	22 J	69 J	83 J	110 J	120 J	61 J	280 J
Benzo(a)pyrene	µg/kg		98 J	29 UJ	27 J	90	180 J	83 J	130 J	58 J	260 J
Benzo(b)fluoranthene	µg/kg		120 J	59 UJ	44 J	58 UJ	370 J	260 J	170 J	150 J	260 J
Benzo(g,h,i)perylene	µg/kg		240 J	59 UJ	64 UJ	160	530 J	390 J	330 J	760 J	350 J
Benzo(k)fluoranthene	µg/kg		85 J	29 UJ	27 J	67	270 J	39 UJ	72 J	78 J	230 J
Benzo[e]pyrene	µg/kg										
Beta-methyl-beta-phenyl-benzeneethanol	µg/kg										
Bis(2-chloroethoxy)methane	µg/kg										
Bis(2-chloroethyl)ether	µg/kg										
Bis(2-ethylhexyl)phthalate	µg/kg										
Butylbenzylphthalate	µg/kg										
Carbazole	µg/kg										
Chrysene	µg/kg		190 J	29 UJ	40 J	110 J	130 UJ	220 J	210 J	140 J	480 J
Cyclohexyl benzene	µg/kg										
Cyclopentyl benzene	µg/kg										
Dibenz(a,h)anthracene	µg/kg		47 J	59 UJ	19 J	30 J	91 J	78 UJ	61 J	66 UJ	83 J
Dibenzofuran	µg/kg										
Dichlorobenzene, non-specific	µg/kg		9.0 UJ	8.0 UJ	10 UJ	1,000 U	790 J	11 UJ	11 UJ	5.0 J	11 UJ
Dichlorobenzenes (Sum)	µg/kg		9.0 U	8.0 U	10 U	1,000 U	790	11 U	11 U	5.0	11 U
Diethylphthalate	µg/kg										
Dimethylphthalate	µg/kg										
Di-n-butylphthalate	µg/kg										
Di-n-octylphthalate	µg/kg										
Fluoranthene	µg/kg		470 J	59 UJ	98 J	160 J	8,700 J	380 J	440 J	1,400 J	1,400 J
Fluorene	µg/kg		40 J	59 UJ	45 J	58 U	350 UJ	44 J	75 UJ	66 UJ	99 J
Heptadecane	µg/kg										
Hexachlorobenzene	µg/kg		4.1 J			5.8 UJ	8.4 U			6.6 UJ	7.7 UJ
Hexachlorobutadiene	µg/kg										
Hexachlorocyclopentadiene	µg/kg										
Hexachloroethane	µg/kg										
Hexadecane	µg/kg										
Indeno(1,2,3-cd)pyrene	µg/kg		60 J	29 UJ	16 J	58	130 UJ	47 J	75 J	33 UJ	150 J
Isophorone	µg/kg										
Naphthalene	µg/kg		330 UJ	290 UJ	320 UJ	290 U	1,300 J	390 UJ	370 UJ	170 J	850 J
Nitrobenzene	µg/kg										
N-nitroso-di-n-propylamine	µg/kg										
N-Nitrosodiphenylamine(1)	µg/kg										
PAH-high MW	µg/kg										
PAH-low MW	µg/kg										
Pentachlorophenol	µg/kg										
Phenanthrene	µg/kg		98 J	29 UJ	32 UJ	58	350 J	90 J	93 J	33 UJ	310 J
Phenol	µg/kg										
Pyrene	µg/kg		250 J	29 UJ	31 J	140 J	120 J	230 J	220 J	54 J	660 J
Total benzofluoranthenes (b + k)	µg/kg										
Trichlorobenzene	µg/kg		9.0 UJ	8.0 UJ	10 UJ	1,000 U	1,500 U	11 UJ	11 UJ	10 UJ	11 UJ
Trichlorobenzenes (Sum)	µg/kg		9.0 U	8.0 U	10 U	1,000 U	1,500 U	11 U	11 U	10 U	11 U

Table I-3. (cont.)

Analyte	Units	Date Station	7/22/92 S77	7/22/92 S87	7/22/92 S94	7/23/92 S54	7/23/92 S55	7/23/92 S67	7/23/92 S68	7/24/92 S37	7/24/92 S47
Pesticides and PCBs											
4,4'-DDD	µg/kg										
4,4'-DDE	µg/kg										
4,4'-DDT	µg/kg										
Aldrin	µg/kg										
alpha-BHC	µg/kg										
alpha-Chlordane	µg/kg										
Aroclor-1016	µg/kg		64 U	60 U	64 UJ	58 U	84 UJ	78 U	75 UJ	66 U	77 UJ
Aroclor-1221	µg/kg		64 U	60 U	64 UJ	58 U	84 U	78 U	75 U	66 U	77 UJ
Aroclor-1232	µg/kg		64 U	60 U	64 UJ	58 U	84 UJ	78 U	75 UJ	66 U	77 UJ
Aroclor-1242	µg/kg		64 U	60 U	64 UJ	58 U	84 UJ	78 U	75 UJ	66 U	77 UJ
Aroclor-1248	µg/kg		64 U	60 U	64 UJ	58 U	400	78 U	52 J	66 U	77 UJ
Aroclor-1254	µg/kg		64 U	60 U	64 UJ	58 U	84 UJ	78 U	75 U	65 J	77 UJ
Aroclor-1260	µg/kg		64 U	60 U	64 UJ	58 U	120	78 U	75 UJ	66 U	77 UJ
beta-BHC	µg/kg										
Chlordane (Sum)	µg/kg										
DDT and metabolites	µg/kg										
delta-BHC	µg/kg										
Dieldrin	µg/kg										
Endosulfan I	µg/kg										
Endosulfan II	µg/kg										
Endosulfan sulfate	µg/kg										
Endrin aldehyde	µg/kg										
Endrin ketone	µg/kg										
Endrin	µg/kg										
gamma-BHC (Lindane)	µg/kg										
gamma-Chlordane	µg/kg										
Heptachlor epoxide	µg/kg										
Heptachlor	µg/kg										
Methoxychlor	µg/kg										
PCBs (Sum)	µg/kg		64 U	60 U	64 U	58 U	520	78 U	90	98	77 U
Polychlorinated biphenyls	µg/kg		64 U	60 U	64 UJ	58 U	520	78 U	52 J	65 J	77 UJ
Toxaphene	µg/kg										

Table I-3. (cont.)

Analyte	Units	Date Station	7/24/92 S48	7/24/92 S62	Date Station	7/24/92 S81	7/27/92 S36	7/27/92 S38	7/27/92 S39	7/27/92 S53	7/28/92 S28
Conventional Analytes											
Acid-volatile sulfide	mg/kg		110 J	460 J		150 J	400	900	2,500	1,900	1,600
Calcium carbonate	%-dw		75	86		37	69	88	62	78	53
Chloride-Calculated	mg/kg		4,033	401		375	554	651	5,718	9,333	1,162
Chloride-Measured	mg/kg		4,300	300		380	420	740	14,000	11,000	1,700
Percent moisture	%-ww		52	43		50	43	53	71	54	59
Total organic carbon	%-dw		0.7	0.6		1.4	1.6	1.0 J	2.4 J	0.5	2.3 J
Total solids	%-ww		48 M	57 M		50 M	57	47	29	46	41
Percent clay	%-ww		0.8	0.7		1.8	0.7	1.4	5.3	1.9	3.2
Percent fines (clay & silt)	%-dw		21	4.4		40	13	11	97	51	38
Percent sand	%-ww		38	54		29	49	40	1.1	22	24
Percent silt	%-ww		9.2	1.8		18	6.9	3.9	23	22	12
Metals											
Aluminum	mg/kg					4,150	2,220			3,560	
Antimony	mg/kg					6.4 BJ	3.2 BUJ			8.7 BUJ	
Arsenic	mg/kg					2.8 BJ	11 J			5.1 J	
Barium	mg/kg					52 B	342			636	
Beryllium	mg/kg					0.4 U	0.4 B			0.4 U	
Cadmium	mg/kg		1.0 B	2.4		0.4 U	0.9 B	1.2 B	2.5 B	1.0 B	3.0
Calcium	mg/kg		253,000	292,000		109,000	231,000	301,000	224,000	303,000	185,000
Chromium	mg/kg		34 J	44 J		11	690	211 J	200 J	18	1,990 J
Cobalt	mg/kg					4.2 B	88			3.0 B	
Copper	mg/kg		10 J	13 J		21	139	26	58	12	173
Cyanide	mg/kg					0.8 UJ	5.4 UJ			7.9 UJ	
Iron	mg/kg					10,300	34,200			4,090	
Lead	mg/kg		15	9.2		29	251	57 J	42 J	11	238 J
Magnesium	mg/kg		10,900	3,600		11,000	3,430	2,690	5,390	17,300	5,630
Manganese	mg/kg					338	508			319	
Mercury	mg/kg		0.5	0.9		1.3 J	1.3 J	0.7	1.7	0.2 J	5.2
Nickel	mg/kg		17 J	20 J		12 B	215	47	58	11 B	650
Potassium	mg/kg					578 B	116 B			145 B	
Selenium	mg/kg					0.8 BJ	0.4 BJ			0.3 UJ	
Silver	mg/kg					0.7 UJ	0.9 BJ			1.2 BJ	
Sodium	mg/kg					394 B	1,020 B			3,520	
Thallium	mg/kg					0.6 BJ	0.5 BJ			0.4 BJ	
Vanadium	mg/kg					6.9 B	101			4.3 B	
Zinc	mg/kg		37 J	86 J		62 J	167 J	58 J	153 J	34 J	185 J
Volatile Organic Compounds											
1,1,1-Trichloroethane	µg/kg						18 UJ			21 UJ	
1,1,2,2-Tetrachloroethane	µg/kg						18 UJ			21 UJ	
1,1,2-Trichloroethane	µg/kg						18 UJ			21 UJ	
1,1-Dichloroethane	µg/kg						18 UJ			21 UJ	
1,1-Dichloroethene	µg/kg						18 UJ			21 UJ	
1,2-Dichloroethane	µg/kg						18 UJ			21 UJ	
1,2-Dichloroethene (Total)	µg/kg						18 UJ			21 UJ	
1,2-Dichloropropane	µg/kg						18 UJ			21 UJ	
2-Butanone	µg/kg						18 UJ			21 UJ	

Table I-3. (cont.)

Analyte	Units	Date Station	7/24/92 S48	7/24/92 S62	Date Station	7/24/92 S81	7/27/92 S36	7/27/92 S38	7/27/92 S39	7/27/92 S53	7/28/92 S28
2-Hexanone	µg/kg						18 UJ			21 UJ	
4-Methyl-2-pentanone	µg/kg						18 UJ			21 UJ	
Acetone	µg/kg						40 J			79 J	
Benzene	µg/kg		840	9.0 UJ		10 UJ	13 UM	10 U	9.0 J		5,700
Bromodichloromethane	µg/kg						18 UJ			21 UJ	
Bromoform	µg/kg						18 UJ			21 UJ	
Bromomethane	µg/kg						18 UJ			21 UJ	
Carbon disulfide	µg/kg						18 UJ			21 UJ	
Carbon Tetrachloride	µg/kg						18 UJ			21 UJ	
Chlorobenzene	µg/kg		26 U	9.0 UJ		10 UJ	13 UM	10 U	13 J	16 UM	30,000
Chloroethane	µg/kg						18 UJ			21 UJ	
Chloroform	µg/kg						18 UJ			21 UJ	
Chloromethane	µg/kg						18 UJ			21 UJ	
Cis-1,3-dichloropropene	µg/kg						18 UJ			21 UJ	
Dibromochloromethane	µg/kg						18 UJ			21 UJ	
Ethylbenzene	µg/kg		26 U	9.0 UJ		10 UJ	13 UM	10 U	17 UJ	13 M	1,400 U
Isopropanol	µg/kg										
Methylene chloride	µg/kg						18 JU			21 JU	
Pentachloro benzene	µg/kg		6.8 U	5.7 UJ				7.1 UJ	11 U		4.8 U
Styrene	µg/kg						18 UJ			21 UJ	
Tetrachlorobenzene (mixed)	µg/kg		6.8 U	5.7 UJ				7.1 UJ	11 U		8.1 U
Tetrachloroethene	µg/kg						18 UJ			21 UJ	
Toluene	µg/kg		89	9.0 UJ		10 UJ	18 M	29	100 J	6.8 M	810 J
Trans-1,3-dichloropropene	µg/kg						18 UJ			21 UJ	
Trichloroethene	µg/kg						18 UJ			21 UJ	
Vinyl chloride	µg/kg						18 UJ			21 UJ	
Xylene (Total)	µg/kg		26 U	9.0 UJ		10 UJ	13 UM	10 U	17 UJ	12 M	1,400 U
Semivolatile Organic Compounds											
1,1'-(1-methylethylidene)bis-benzene	µg/kg										
1,1'(3methyl1propene1,3diyl)bis-benzene	µg/kg						210,000 J				
1,2,3,4-Tetrachlorobenzene	µg/kg		6.8 U	5.7 UJ				7.1 UJ	11 U		4.7 U
1,2,3-Trichlorobenzene	µg/kg		26 U	9.0 UJ		10 UJ	8.0 UJ	10 U	17 UJ	10 UJ	1,400 U
1,2,3-Trimethyl-4-propenyl naphthalene	µg/kg										
1,2,4-Trichlorobenzene	µg/kg		26 U	9.0 UJ		80 UM	21,004 UM	10 U	17 UJ	100 UM	1,400 U
1,2-Dichlorobenzene	µg/kg		26 U	9.0 UJ		80 UM	21,004 UM	10 U	17 UJ	100 UM	1,400 U
1,2-Dimethylnaphthalene	µg/kg										
1,3,5-Trichlorobenzene	µg/kg		26 U	9.0 UJ		10 UJ	8.0 UJ	10 U	17 UJ	10 UJ	1,400 U
1,3-Dichlorobenzene	µg/kg		26 U	9.0 UJ		80 UM	21,004 UM	10 U	17 UJ	100 UM	1,400 U
1,4,5-Trimethylnaphthalene	µg/kg										
1,4-Dichlorobenzene	µg/kg		26 U	9.0 UJ		80 UM	10,503 M	10 U	8.0 J	100 UM	1,300 J
1,4-Dimethyl naphthalene	µg/kg										
1,6-Dimethyl naphthalene	µg/kg										
11h-Benzo[a]fluorene	µg/kg										
11h-Benzo[b]fluorene	µg/kg										
1-Methyl phenanthrene	µg/kg										
1-Methylhexyl benzene	µg/kg										
1-Methylnaphthalene	µg/kg					64 J	43,000 J			400 J	
1-Methylpyrene	µg/kg										

Table I-3. (cont.)

Analyte	Units	Date Station	7/24/92 S48	7/24/92 S62	Date Station	7/24/92 S81	7/27/92 S36	7/27/92 S38	7/27/92 S39	7/27/92 S53	7/28/92 S28
2,2'-Oxybis(1-chloropropane)	µg/kg					150 U	42,000 UJ			190 U	
2,3,6-Trimethyl octane	µg/kg										
2,3-Dihydro-1h-inden-1-one	µg/kg										
2,3-Dihydro-1-methyl-3-phenyl-1h-inden,	µg/kg						43,000 J				
2,4,5-Trichlorophenol	µg/kg					390 U	100,000 UJ			480 U	
2,4,6-Trichlorophenol	µg/kg					150 U	42,000 UJ			190 U	
2,4-Dichlorophenol	µg/kg					150 U	42,000 UJ			190 U	
2,4-Dimethylphenol	µg/kg					150 U	42,000 UJ			190 U	
2,4-Dinitrophenol	µg/kg					390 U	100,000 UJ			480 U	
2,4-Dinitrotoluene	µg/kg					150 U	42,000 UJ			190 U	
2,5-bis(1,1-dimethyletyl)-thiophene	µg/kg										
2,6,11-Trimethyldodecane	µg/kg										
2,6-Dinitrotoluene	µg/kg					150 U	42,000 UJ			190 U	
2,7,10-Trimethyldodecane	µg/kg									160 J	
2-Chloronaphthalene	µg/kg					150 U	42,000 UJ			190 U	
2-Chlorophenol	µg/kg					150 U	42,000 UJ			190 U	
2-Ethenyl naphthalene	µg/kg										
2-Ethyl-1-hexanamine	µg/kg										
2-Ethyl-1-hexanol	µg/kg										
2-Methyl-4,6-dinitrophenol	µg/kg					390 U	100,000 UJ			480 U	
2-Methylnaphthalene	µg/kg					150 U	42,000 UJ			190 U	
2-Methylphenol	µg/kg					150 U	42,000 UJ			190 U	
2-Nitroaniline	µg/kg					390 U	100,000 UJ			480 U	
2-Nitrophenol	µg/kg					150 U	42,000 UJ			190 U	
2-Phenyl naphthalene	µg/kg										
3-(2-Phenylethenly)-benzenamine	µg/kg						26,000 J				
3,3-Dichlorobenzidine	µg/kg					150 U	42,000 UJ			190 U	
3,6-Dimethyl undecane	µg/kg										
3-Methyl phenanthrene	µg/kg										
3-Methylcyclopentylbenzene	µg/kg										
3-Nitroaniline	µg/kg					390 U	100,000 UJ			480 U	
4,6-Dimethyl undecane	µg/kg										
4,9-Dipropyldodecane	µg/kg									160 J	
4-Bromophenyl-phenyl ether	µg/kg					150 U	42,000 UJ			190 U	
4-Chloro-3-methylphenol	µg/kg					150 U	42,000 UJ			190 U	
4-Chloroaniline	µg/kg					150 U	42,000 UJ			190 U	
4-Chlorophenyl-phenyl ether	µg/kg					150 U	42,000 UJ			190 U	
4-Methyl-biphenyl	µg/kg										
4-Methylphenol	µg/kg					150 U	42,000 UJ			190 U	
4-Nitroaniline	µg/kg					390 U	100,000 UJ			480 U	
4-Nitrophenol	µg/kg					390 U	100,000 UJ			480 U	
5-Methylene-5h-dibenzo[a,d]cycloheptene	µg/kg										
5-Propyl tridecane	µg/kg									80 J	
7-Methyl tridecane	µg/kg										
9-Octylheptadecane	µg/kg					1,500 J				160 J	
Acenaphthene	µg/kg		340 UJ	290 U		150 U	42,000 UJ	1,300	570 UJ	190 U	1,400 J
Acenaphthylene	µg/kg		680 UJ	580 UJ		150 U	42,000 UJ	710	1,700 J	190 U	3,500 J

Table I-3. (cont.)

Analyte	Units	Date Station	7/24/92 S48	7/24/92 S62	Date Station	7/24/92 S81	7/27/92 S36	7/27/92 S38	7/27/92 S39	7/27/92 S53	7/28/92 S28
Anthracene	µg/kg		29 J	16 J		35 J	42,000 UJ	210	42 J	190 U	630
Benz(a)anthracene	µg/kg		60 J	40 J		170	42,000 UJ	240	82 J	49 J	1,400
Benzo(a)pyrene	µg/kg		37 J	44		200	42,000 UJ	260	58 J	190 U	200 U
Benzo(b)fluoranthene	µg/kg		67 J	47 J		330	42,000 UJ	71 U	140 J	190 U	2,900
Benzo(g,h,i)perylene	µg/kg		130 J	150		110 J	42,000 UJ	480	170 J	190 U	3,000
Benzo(k)fluoranthene	µg/kg		47 J	28 J		150 U	42,000 UJ	140	57 UJ	190 U	580
Benzo[e]pyrene	µg/kg										
Beta-methyl-beta-phenyl-benzeneethanol	µg/kg										
Bis(2-chloroethoxy)methane	µg/kg					150 U	42,000 UJ			190 U	
Bis(2-chloroethyl)ether	µg/kg					150 U	42,000 UJ			190 U	
Bis(2-ethylhexyl)phthalate	µg/kg					170 U	42,000 UJ			190 U	
Butylbenzylphthalate	µg/kg					150 U	42,000 UJ			190 U	
Carbazole	µg/kg					150 U	42,000 UJ			190 U	
Chrysene	µg/kg		110 J	71		230	42,000 UJ	440	190 J	58 J	2,200
Cyclohexyl benzene	µg/kg						26,000				
Cyclopentyl benzene	µg/kg						26,000				
Dibenz(a,h)anthracene	µg/kg		68 UJ	20 J		150 U	42,000 UJ	140	110 UJ	190 U	530
Dibenzofuran	µg/kg					150 U	42,000 UJ			190 U	
Dichlorobenzene, non-specific	µg/kg		26 U	9.0 UJ		10 UJ	10,503 M	10 U	8.0 J	100 UM	1,300 J
Dichlorobenzenes (Sum)	µg/kg		26 U	9.0 U		80 UM	10,503 M	10 U	8.0	100 UM	1,300
Diethylphthalate	µg/kg					150 U	42,000 UJ			190 U	
Dimethylphthalate	µg/kg					150 U	42,000 UJ			190 U	
Di-n-butylphthalate	µg/kg					150 U	42,000 UJ			190 U	
Di-n-octylphthalate	µg/kg					150 U	42,000 UJ			190 U	
Fluoranthene	µg/kg		560 J	180 J		400	8,900 J	1,500	2,800 J	70 J	28,000
Fluorene	µg/kg		68 UJ	58 U		150 U	42,000 UJ	370	110 UJ	190 U	520
Heptadecane	µg/kg										
Hexachlorobenzene	µg/kg		6.8 U	5.7 UJ		150 U	42,000 UJ	7.1 UJ	11 U	190 U	16
Hexachlorobutadiene	µg/kg					150 U	42,000 UJ			190 U	
Hexachlorocyclopentadiene	µg/kg					150 U	42,000 UJ			190 U	
Hexachloroethane	µg/kg					150 U	42,000 UJ			190 U	
Hexadecane	µg/kg					550 J					
Indeno(1,2,3-cd)pyrene	µg/kg		82 J	33		110 J	42,000 UJ	35 U	57 UJ	190 U	630
Isophorone	µg/kg					150 U	42,000 UJ			190 U	
Naphthalene	µg/kg		320 J	290 U		150 U	42,000 UJ	490	490 J	340	2,300
Nitrobenzene	µg/kg					150 U	42,000 UJ			190 U	
N-nitroso-di-n-propylamine	µg/kg					150 U	42,000 UJ			190 U	
N-Nitrosodiphenylamine(1)	µg/kg					150 U	42,000 UJ			190 U	
PAH-high MW	µg/kg										
PAH-low MW	µg/kg										
Pentachlorophenol	µg/kg					390 U	100,000 UJ			480 U	
Phenanthrene	µg/kg		94 J	35		180	42,000 UJ	170	100 J	190 U	2,000
Phenol	µg/kg					150 U	42,000 UJ			45 J	
Pyrene	µg/kg		180 J	66 J		380	42,000 UJ	400	61 J	75 J	3,300
Total benzofluoranthenes (b + k)	µg/kg										
Trichlorobenzene	µg/kg		26 U	9.0 UJ		10 UJ	8.0 UJ	10 U	17 UJ	10 UJ	1,400 U
Trichlorobenzenes (Sum)	µg/kg		26 U	9.0 U		10 U	8.0 U	10 U	17 U	10 U	1,400 U

Table I-3. (cont.)

Analyte	Units	Date Station	7/24/92 S48	7/24/92 S62	Date Station	7/24/92 S81	7/27/92 S36	7/27/92 S38	7/27/92 S39	7/27/92 S53	7/28/92 S28
Pesticides and PCBs											
4,4'-DDD	µg/kg					6.6 U	29 U			7.2 U	
4,4'-DDE	µg/kg					6.6 U	29 U			7.2 U	
4,4'-DDT	µg/kg					6.6 U	29 U			7.2 U	
Aldrin	µg/kg					3.4 U	15 U			3.7 U	
alpha-BHC	µg/kg					3.4 U	15 U			3.7 U	
alpha-Chlordane	µg/kg					3.4 U	15 U			3.7 U	
Aroclor-1016	µg/kg		68 U	57 UJ		66 U	290 UJ	71 U	110 UJ	72 U	240 UJ
Aroclor-1221	µg/kg		68 U	57 UJ		130 U	590 U	71 U	110 UJ	150 U	240 UJ
Aroclor-1232	µg/kg		68 U	57 UJ		66 U	290 UJ	71 U	110 UJ	72 U	240 UJ
Aroclor-1242	µg/kg		68 U	57 UJ		66 U	290 UJ	71 U	110 UJ	72 U	240 UJ
Aroclor-1248	µg/kg		68 U	57 UJ		66 U	290 U	71 U	110 UJ	72 U	1,100 J
Aroclor-1254	µg/kg		68 U	57 UJ		66 U	290 U	71 U	110 UJ	72 U	240 UJ
Aroclor-1260	µg/kg		68 U	57 UJ		66 U	290 U	71 U	110 UJ	72 U	1,000 J
beta-BHC	µg/kg					3.4 U	15 U			3.7 U	
Chlordane (Sum)	µg/kg					3.4 U	15 U			3.7 U	
DDT and metabolites	µg/kg					6.6 U	29 U			7.2 U	
delta-BHC	µg/kg					3.4 U	15 U			3.7 U	
Dieldrin	µg/kg					6.6 U	29 U			7.2 U	
Endosulfan I	µg/kg					3.4 U	15 U			3.7 U	
Endosulfan II	µg/kg					6.6 U	29 U			7.2 U	
Endosulfan sulfate	µg/kg					6.6 U	29 U			7.2 U	
Endrin aldehyde	µg/kg					6.6 U	29 U			7.2 U	
Endrin ketone	µg/kg					6.6 U	29 U			7.2 U	
Endrin	µg/kg					6.6 U	29 U			7.2 U	
gamma-BHC (Lindane)	µg/kg					3.4 U	15 U			3.7 U	
gamma-Chlordane	µg/kg					3.4 U	15 U			3.7 U	
Heptachlor epoxide	µg/kg					3.4 U	15 U			3.7 U	
Heptachlor	µg/kg					3.4 U	15 U			3.7 U	
Methoxychlor	µg/kg					34 U	150 U			37 U	
PCBs (Sum)	µg/kg		68 U	57 U		66 U	290 U	71 U	110 U	72 U	2,100
Polychlorinated biphenyls	µg/kg		68 U	57 UJ		66 U	290 UJ	71 U	110 UJ	72 U	2,100 J
Toxaphene	µg/kg					340 U	1,500 U			370 U	

Table I-3. (cont.)

Analyte	Units	Date / Station	7/28/92 S29	7/28/92 S35	7/30/92 S14	7/30/92 S2	7/30/92 S21	7/30/92 S5	7/31/92 S105	7/31/92 S114	7/31/92 S92	7/31/92 S93
Conventional Analytes												
Acid-volatile sulfide	mg/kg		800	1,500	1,200	2,400	600	2,200	200	200	130	70
Calcium carbonate	%-dw		70	83	80	61	75	50	89	74	66	70
Chloride-Calculated	mg/kg		531	385	491	362	593	590	368	488	397	505
Chloride-Measured	mg/kg		800	380	730	400	600	690	310	510	320	370
Percent moisture	%-ww		60	50	60	53	51	54	46	51	45	42
Total organic carbon	%-dw		2.1 J	1.1 J	1.6 J	1.8 J	1.1 J	1.8 J	0.6 J	1.0	0.4 J	0.5
Total solids	%-ww		40	50	40 M	48	50 M	46 M	54 M	49	55	58
Percent clay	%-ww		4.5	1.1	3.1	2.4	1.7	3.8	0.7	1.2	0.6	0.8
Percent fines (clay & silt)	%-dw		95	11	81	36	24	50	3.3	15	2.4	3.1
Percent sand	%-ww		1.8	47	7.8	30	36	22	53	41	56	56
Percent silt	%-ww		33	4.4	29	15	10	19	1.1	6.1	0.7	1.0
Metals												
Aluminum	mg/kg									716		262
Antimony	mg/kg									3.9 UJ		3.8
Arsenic	mg/kg									1.0 BJ		0.7
Barium	mg/kg									92		80
Beryllium	mg/kg									0.4 U		0.4
Cadmium	mg/kg		4.1	1.1 B	1.4 B	7.0	1.5	5.6	4.6	0.6 B	1.7	0.7
Calcium	mg/kg		263,000	305,000	289,000	297,000	269,000	154,000	330,000	277,000	248,000	255,000
Chromium	mg/kg		389 J	181 J	30 J	139 J	25 J	85 J	77 J	25	34 J	25
Cobalt	mg/kg									2.3 B		0.9
Copper	mg/kg		90	47	29	143	37	84	28	13	14	8.8
Cyanide	mg/kg									6.5 UJ		5.9
Iron	mg/kg									2,750		1,370
Lead	mg/kg		93 J	62 J	100 J	159 J	117 J	167 J	20 J	31	11 J	6.9
Magnesium	mg/kg		4,480	3,660	10,700	10,500	8,900	7,530	2,630	4,150	2,850	3,210
Manganese	mg/kg									344		260
Mercury	mg/kg		2.7	1.0	30 M	18	28 M	11 M	1.6 M	0.7 J	0.5	0.4
Nickel	mg/kg		72	39	30	76	29	25	7.6 B	5.1 B	3.9 B	4.0
Potassium	mg/kg									110 B		88
Selenium	mg/kg									0.3 UJ		0.3
Silver	mg/kg									0.8 BJ		1.2
Sodium	mg/kg									562 B		457
Thallium	mg/kg									0.3 BJ		0.3
Vanadium	mg/kg									0.7 U		0.7
Zinc	mg/kg		196 J	94 J	62 J	276 J	94 J	194 J	77 J	48 J	40 J	25
Volatile Organic Compounds												
1,1,1-Trichloroethane	µg/kg									21 U		17
1,1,2,2-Tetrachloroethane	µg/kg									21 U		17
1,1,2-Trichloroethane	µg/kg									21 U		17
1,1-Dichloroethane	µg/kg									21 U		17
1,1-Dichloroethene	µg/kg									21 U		17
1,2-Dichloroethane	µg/kg									21 U		17
1,2-Dichloroethene (Total)	µg/kg									21 U		17
1,2-Dichloropropane	µg/kg									21 U		17
2-Butanone	µg/kg									26 NJ		17

Table I-3. (cont.)

Analyte	Units	Date / Station	7/28/92 S29	7/28/92 S35	7/30/92 S14	7/30/92 S2	7/30/92 S21	7/30/92 S5	7/31/92 S105	7/31/92 S114	7/31/92 S92	7/31/92 S93
2-Hexanone	µg/kg									21 UJ		17
4-Methyl-2-pentanone	µg/kg									21 UJ		17
Acetone	µg/kg									110		77
Benzene	µg/kg		12 UJ	10 UJ	2,700 U	330 J	1,100 U	11 UJ	9.0 U	21 U	9.0 U	17
Bromodichloromethane	µg/kg									21 U		17
Bromoform	µg/kg									21 U		17
Bromomethane	µg/kg									21 UJ		17
Carbon disulfide	µg/kg									21 U		17
Carbon Tetrachloride	µg/kg									21 U		17
Chlorobenzene	µg/kg		110 J	18 J	3,900	3,300	3,300	210 J	9.0 U	21 U	9.0 U	17
Chloroethane	µg/kg									21 UJ		17
Chloroform	µg/kg									21 U		17
Chloromethane	µg/kg									21 UJ		17
Cis-1,3-dichloropropene	µg/kg									21 U		17
Dibromochloromethane	µg/kg									21 U		17
Ethylbenzene	µg/kg		12 UJ	10 UJ	2,700 U	1,200 U	1,100 U	11 UJ	9.0 U	21 U	9.0 U	17
Isopropanol	µg/kg											
Methylene chloride	µg/kg									21 JU		17
Pentachloro benzene	µg/kg		8.2 U	6.4 U	39	19	330	17 U			5.9 U	
Styrene	µg/kg									21 U		17
Tetrachlorobenzene (mixed)	µg/kg		8.2 U	6.4 U	250	60 U	1,000	49 U			5.9 U	
Tetrachloroethene	µg/kg									21 U		17
Toluene	µg/kg		12 UJ	9.0 J	4,200	790 J	380 J	22 J	9.0 U	21 U	240	12
Trans-1,3-dichloropropene	µg/kg									21 U		17
Trichloroethene	µg/kg									21 U		17
Vinyl chloride	µg/kg									21 UJ		17
Xylene (Total)	µg/kg		12 UJ	10 UJ	2,800	1,200 U	1,100 U	11 UJ	9.0 U	21 U	9.0 U	17
Semivolatile Organic Compounds												
1,1'-(1-methylethylidene)bis-benzene	µg/kg											
1,1'(3methyl1propene1,3diyl)bis-benzene	µg/kg											
1,2,3,4-Tetrachlorobenzene	µg/kg		8.2 U	6.4 U	110	36	650	15 U			5.9 U	
1,2,3-Trichlorobenzene	µg/kg		12 UJ	10 UJ	2,700 U	1,200 U	1,100 U	11 UJ	9.0 U		9.0 U	
1,2,3-Trimethyl-4-propenyl naphthalene	µg/kg											47
1,2,4-Trichlorobenzene	µg/kg		12 UJ	10 UJ	2,700 U	1,200 U	1,100 U	11 UJ	9.0 U	90 U	9.0 U	75
1,2-Dichlorobenzene	µg/kg		19 J	10 UJ	7,900	870 J	2,700	33 J	9.0 U	90 U	9.0 U	75
1,2-Dimethylnaphthalene	µg/kg											
1,3,5-Trichlorobenzene	µg/kg		12 UJ	10 UJ	4,200	560 J	1,300	11 UJ	9.0 U		9.0 U	
1,3-Dichlorobenzene	µg/kg		12 UJ	10 UJ	1,200 J	1,200 U	780 J	21 J	9.0 U	90 U	9.0 U	75
1,4,5-Trimethylnaphthalene	µg/kg											
1,4-Dichlorobenzene	µg/kg		46 J	10 UJ	9,300	3,300	11,000	120 J	9.0 U	90 U	9.0 U	75
1,4-Dimethyl naphthalene	µg/kg											
1,6-Dimethyl naphthalene	µg/kg											
11h-Benzo[a]fluorene	µg/kg											
11h-Benzo[b]fluorene	µg/kg											
1-Methyl phenanthrene	µg/kg											
1-Methylhexyl benzene	µg/kg											
1-Methylnaphthalene	µg/kg									19 J		78
1-Methylpyrene	µg/kg											

Table I-3. (cont.)

Analyte	Units	Date / Station	7/28/92 S29	7/28/92 S35	7/30/92 S14	7/30/92 S2	7/30/92 S21	7/30/92 S5	7/31/92 S105	7/31/92 S114	7/31/92 S92	7/31/92 S93
2,2'-Oxybis(1-chloropropane)	µg/kg									90 U		75
2,3,6-Trimethyl octane	µg/kg											
2,3-Dihydro-1h-inden-1-one	µg/kg											
2,3-Dihydro-1-methyl-3-phenyl-1h-inden,	µg/kg											
2,4,5-Trichlorophenol	µg/kg									230 U		190
2,4,6-Trichlorophenol	µg/kg									90 U		75
2,4-Dichlorophenol	µg/kg									90 U		75
2,4-Dimethylphenol	µg/kg									90 U		75
2,4-Dinitrophenol	µg/kg									230 U		190
2,4-Dinitrotoluene	µg/kg									90 U		75
2,5-bis(1,1-dimethyletyl)-thiophene	µg/kg											
2,6,11-Trimethyldodecane	µg/kg											
2,6-Dinitrotoluene	µg/kg									90 U		75
2,7,10-Trimethyldodecane	µg/kg											
2-Chloronaphthalene	µg/kg									90 U		75
2-Chlorophenol	µg/kg									90 U		75
2-Ethenyl naphthalene	µg/kg											
2-Ethyl-1-hexanamine	µg/kg											
2-Ethyl-1-hexanol	µg/kg											
2-Methyl-4,6-dinitrophenol	µg/kg									230 U		190
2-Methylnaphthalene	µg/kg									90 U		75
2-Methylphenol	µg/kg									90 U		75
2-Nitroaniline	µg/kg									230 U		190
2-Nitrophenol	µg/kg									90 U		75
2-Phenyl naphthalene	µg/kg											
3-(2-Phenylethenly)-benzenamine	µg/kg											
3,3-Dichlorobenzidine	µg/kg									90 U		75
3,6-Dimethyl undecane	µg/kg											
3-Methyl phenanthrene	µg/kg											
3-Methylcyclopentylbenzene	µg/kg											
3-Nitroaniline	µg/kg									230 U		190
4,6-Dimethyl undecane	µg/kg											
4,9-Dipropyldodecane	µg/kg											
4-Bromophenyl-phenyl ether	µg/kg									90 U		75
4-Chloro-3-methylphenol	µg/kg									90 U		75
4-Chloroaniline	µg/kg									90 U		75
4-Chlorophenyl-phenyl ether	µg/kg									90 U		75
4-Methyl-biphenyl	µg/kg											
4-Methylphenol	µg/kg									90 U		75
4-Nitroaniline	µg/kg									230 U		190
4-Nitrophenol	µg/kg									230 U		190
5-Methylene-5h-dibenzo[a,d]cycloheptene	µg/kg											
5-Propyl tridecane	µg/kg											
7-Methyl tridecane	µg/kg											
9-Octylheptadecane	µg/kg											
Acenaphthene	µg/kg		410 U	1,600 U	21,000 UJ	1,100 J	3,300 UJ	2,900 J	630 J	90 U	300 UJ	75
Acenaphthylene	µg/kg		820 U	3,000 J	41,000 UJ	7,000 UJ	6,600 UJ	2,600 J	610 UJ	90 U	600 UJ	75

Table I-3. (cont.)

Analyte	Units	Date / Station	7/28/92 S29	7/28/92 S35	7/30/92 S14	7/30/92 S2	7/30/92 S21	7/30/92 S5	7/31/92 S105	7/31/92 S114	7/31/92 S92	7/31/92 S93
Anthracene	µg/kg		66	410	4,800 J	390 J	300 J	1,300 J	30 UJ	23 J	30 UJ	75
Benz(a)anthracene	µg/kg		170	1,400	1,000 J	770 J	570 J	2,000 J	30 UJ	82 J	30 UJ	75
Benzo(a)pyrene	µg/kg		89	1,300	2,100 UJ	470 J	330 UJ	1,600 J	21 J	70 J	30 UJ	75
Benzo(b)fluoranthene	µg/kg		530	2,100	1,400 J	2,000 J	660 UJ	4,200 J	41 J	90 U	60 UJ	75
Benzo(g,h,i)perylene	µg/kg		920	2,700	3,000 J	2,100 J	1,900 J	4,400 J	210 J	28 J	220 J	75
Benzo(k)fluoranthene	µg/kg		140	1,100	2,100 UJ	350 UJ	410 J	990 J	36 J	90 U	30 UJ	75
Benzo[e]pyrene	µg/kg											
Beta-methyl-beta-phenyl-benzeneethanol	µg/kg											
Bis(2-chloroethoxy)methane	µg/kg									90 U		75
Bis(2-chloroethyl)ether	µg/kg									90 U		75
Bis(2-ethylhexyl)phthalate	µg/kg									35 J		23
Butylbenzylphthalate	µg/kg									90 U		75
Carbazole	µg/kg									90 U		75
Chrysene	µg/kg		290	2,700	2,100 UJ	850 J	490 J	3,000 J	30 UJ	85 J	30 UJ	75
Cyclohexyl benzene	µg/kg											
Cyclopentyl benzene	µg/kg											
Dibenz(a,h)anthracene	µg/kg		130	660	4,100 UJ	410 J	260 J	640 J	61 UJ	90 U	60 UJ	75
Dibenzofuran	µg/kg									90 U		75
Dichlorobenzene, non-specific	µg/kg		65 J	10 UJ	18,400	4,170	14,480	174 J	9.0 U	90 U	9.0 U	75
Dichlorobenzenes (Sum)	µg/kg		65	10 U	18,400	4,170	14,480	174	9.0 U	90 U	9.0 U	75
Diethylphthalate	µg/kg									90 U		75
Dimethylphthalate	µg/kg									90 U		75
Di-n-butylphthalate	µg/kg									90 U		75
Di-n-octylphthalate	µg/kg									90 U		75
Fluoranthene	µg/kg		540	16,000	40,000 J	9,600 J	1,300 J	4,900 J	590 J	170	60 UJ	75
Fluorene	µg/kg		82 U	380	4,100 UJ	570 J	2,500 J	1,400 J	61 UJ	90 U	60 UJ	75
Heptadecane	µg/kg									75 J		
Hexachlorobenzene	µg/kg		4.1 J	5.0 J	170	130	1,200	120		90 U	5.9 U	75
Hexachlorobutadiene	µg/kg									90 U		75
Hexachlorocyclopentadiene	µg/kg									90 U		75
Hexachloroethane	µg/kg									90 U		75
Hexadecane	µg/kg											47
Indeno(1,2,3-cd)pyrene	µg/kg		41 U	770	2,100 UJ	1,100 J	330 UJ	780 J	30 UJ	90 U	30 UJ	75
Isophorone	µg/kg									90 U		75
Naphthalene	µg/kg		280 J	1,600	30,000 J	2,900 J	15,000 J	4,200 J	300 UJ	90 U	300 UJ	75
Nitrobenzene	µg/kg									90 U		75
N-nitroso-di-n-propylamine	µg/kg									90 U		75
N-Nitrosodiphenylamine(1)	µg/kg									90 U		75
PAH-high MW	µg/kg											
PAH-low MW	µg/kg											
Pentachlorophenol	µg/kg									230 U		190
Phenanthrene	µg/kg		180	890	6,900 J	480 J	1,100 J	2,100 J	30 UJ	85 J	19 J	75
Phenol	µg/kg									90 U		75
Pyrene	µg/kg		370	1,800	2,100 UJ	1,800 J	1,500 J	4,000 J	30 UJ	150	30 UJ	75
Total benzofluoranthenes (b + k)	µg/kg											
Trichlorobenzene	µg/kg		12 UJ	10 UJ	4,200	560 J	1,300	11 UJ	9.0 U		9.0 U	
Trichlorobenzenes (Sum)	µg/kg		12 U	10 U	4,200	560	1,300	11 U	9.0 U	90 U	9.0 U	75

Table I-3. (cont.)

Analyte	Units	Date / Station	7/28/92 S29	7/28/92 S35	7/30/92 S14	7/30/92 S2	7/30/92 S21	7/30/92 S5	7/31/92 S105	7/31/92 S114	7/31/92 S92	7/31/92 S93
Pesticides and PCBs												
4,4'-DDD	µg/kg									6.7 U		5.6
4,4'-DDE	µg/kg									6.7 U		5.6
4,4'-DDT	µg/kg									6.7 U		5.6
Aldrin	µg/kg									3.4 U		2.9
alpha-BHC	µg/kg									3.4 U		2.9
alpha-Chlordane	µg/kg									3.4 U		2.9
Aroclor-1016	µg/kg		82 U	64 U	82 UJ	140 UJ	130 U	71 UJ	61 U	67 U	59 U	56
Aroclor-1221	µg/kg		82 U	64 U	82 UJ	140 U	130 U	71 UJ	61 U	140 U	59 U	110
Aroclor-1232	µg/kg		82 U	64 U	82 UJ	140 UJ	130 U	71 UJ	61 U	67 U	59 U	56
Aroclor-1242	µg/kg		82 U	64 U	82 UJ	140 UJ	130 U	71 UJ	61 U	67 U	59 U	56
Aroclor-1248	µg/kg		100	64 U	240	670	680	440 J	61 U	67 U	59 U	56
Aroclor-1254	µg/kg		82 UJ	64 UJ	82 UJ	140 U	130 U	71 UJ	61 U	67 U	59 U	56
Aroclor-1260	µg/kg		82 U	64 UJ	82 UJ	380	300	240 J	61 U	67 U	59 U	56
beta-BHC	µg/kg									3.4 U		2.9
Chlordane (Sum)	µg/kg									3.4 U		2.9
DDT and metabolites	µg/kg									6.7 U		5.6
delta-BHC	µg/kg									3.4 U		2.9
Dieldrin	µg/kg									6.7 U		5.6
Endosulfan I	µg/kg									3.4 U		2.9
Endosulfan II	µg/kg									6.7 U		5.6
Endosulfan sulfate	µg/kg									6.7 U		5.6
Endrin aldehyde	µg/kg									6.7 U		5.6
Endrin ketone	µg/kg									6.7 U		5.6
Endrin	µg/kg									6.7 U		5.6
gamma-BHC (Lindane)	µg/kg									3.4 U		2.9
gamma-Chlordane	µg/kg									3.4 U		2.9
Heptachlor epoxide	µg/kg									3.4 U		2.9
Heptachlor	µg/kg									3.4 U		2.9
Methoxychlor	µg/kg									34 U		29
PCBs (Sum)	µg/kg		141	64 U	281	1,050	980	680	61 U	67 U	59 U	56
Polychlorinated biphenyls	µg/kg		100	64 U	240	1,050	980	680 J	61 U	67 U	59 U	56
Toxaphene	µg/kg									340 U		290

Table I-3. (cont.)

Analyte	Units	Date / Station	8/2/92 S1	8/2/92 S20	8/2/92 S22	8/2/92 S7	8/3/92 S11	8/3/92 S13	8/3/92 S16	8/3/92 S17	8/4/92 S10
Conventional Analytes											
Acid-volatile sulfide	mg/kg		1,233 M	40	1,600	400	70	1,900	50	220 M	800
Calcium carbonate	%-dw		47 M	75	58	24	25	39	68	83 M	52
Chloride-Calculated	mg/kg		265 M	1,085	532	415	375	433	267	430 M	393
Chloride-Measured	mg/kg		187 M	1,600	1,200	190	170	440	180	453 M	260
Percent moisture	%-ww		41 M	60	69	31	31	50	40	51 M	40
Total organic carbon	%-dw		1.4 M	1.3	3.1	0.5	0.3	2.2	0.9	0.9 M	1.1
Total solids	%-ww		59 M	40	31	69	69	50	60	49 M	60
Percent clay	%-ww		0.9 M	0.7	2.6	1.0	0.8	6.6	0.7	1.6 M	1.4
Percent fines (clay & silt)	%-dw		19 M	61	90	4.2	4.1	62	7.0	13 M	14
Percent sand	%-ww		47 M	15	1.9	66	68	18	56	42 M	52
Percent silt	%-ww		10 M	24	25	1.9	2.0	24	3.5	4.9 M	7.1
Metals											
Aluminum	mg/kg		2,567 M	2,980	3,750				943		1,730
Antimony	mg/kg	BUJ	3.9 UM	5.6 BUJ	5.3 BUJ				4.0 BJ		6.4 BJ
Arsenic	mg/kg	BJ	2.8 M	5.4 J	2.9 BJ				1.4 BJ		1.6 BJ
Barium	mg/kg		146 M	890	192				78		97
Beryllium	mg/kg	U	0.1 M	0.4 U	0.4 U				0.2 U		0.2 U
Cadmium	mg/kg	B	0.9 M	0.4 U	3.5	1.1 J	0.5 BJ	3.0 J	1.2	3.8 M	3.4
Calcium	mg/kg		155,667 M	282,000	219,000	68,800 J	89,100 J	108,000 J	204,000	325,333 M	145,000
Chromium	mg/kg		30 M	16	103	19 J	5.9 J	33 J	33	49 M	48
Cobalt	mg/kg	B	4.9 M	2.6 B	6.3 B				1.7 B		3.0 B
Copper	mg/kg		51 M	31	95	51 J	8.6 J	83 J	35	24 M	51
Cyanide	mg/kg	UJ	1.4 UM	2.4 J	2.5 UJ				1.4 UJ		1.3 UJ
Iron	mg/kg		6,577 M	3,590	10,500				3,430		5,220
Lead	mg/kg		78 M	51	103	70 J	15 J	107 J	27	16 M	60
Magnesium	mg/kg		13,133 M	14,600	6,970	5,700	3,850	9,180	3,570	3,497 M	4,840
Manganese	mg/kg		178 M	216	246				240		217
Mercury	mg/kg	J	5.0 M	11 J	7.0 J	3.2	0.5	1.1	0.3 J	0.2 M	1.7 J
Nickel	mg/kg	B	15 M	20	28	7.4	4.2 B	21	4.5 B	10 M	12
Potassium	mg/kg	B	292 M	188 B	314 B				114 B		184 B
Selenium	mg/kg	UJ	0.4 M	0.3 UJ	0.5 BJ				0.3 BJ		0.3 UJ
Silver	mg/kg	BJ	0.6 M	0.9 BJ	5.1 J				0.8 BJ		1.0 BJ
Sodium	mg/kg	B	398 M	2,090	1,270 B				408 B		404 B
Thallium	mg/kg	UJ	0.5 M	0.7 BJ	0.5 BJ				0.2 UJ		0.5 B
Vanadium	mg/kg	U	5.6 M	2.9 B	12 B				0.5 B		2.6 B
Zinc	mg/kg	J	95 M	135 J	207 J	77 J	26 J	218 J	65 J	88 M	120 J
Volatile Organic Compounds											
1,1,1-Trichloroethane	µg/kg	U	578 UM	3,000 U	30 U				16 U		17 U
1,1,2,2-Tetrachloroethane	µg/kg	U	578 UM	3,000 U	30 U				16 U		17 UJ
1,1,2-Trichloroethane	µg/kg	U	578 UM	3,000 U	30 U				16 U		17 U
1,1-Dichloroethane	µg/kg	U	578 UM	3,000 U	30 U				16 U		17 U
1,1-Dichloroethene	µg/kg	U	578 UM	3,000 U	30 U				16 U		17 U
1,2-Dichloroethane	µg/kg	U	578 UM	3,000 U	30 U				16 U		17 U
1,2-Dichloroethene (Total)	µg/kg	U	578 UM	3,000 U	30 U				16 U		17 U
1,2-Dichloropropane	µg/kg	U	578 UM	3,000 U	30 U				16 U		17 U
2-Butanone	µg/kg	UJ	304 M	2,900 NJ	41 NJ				16 U		28 NJ

Table I-3. (cont.)

Analyte	Units	Date / Station		8/2/92 S1	8/2/92 S20	8/2/92 S22	8/2/92 S7	8/3/92 S11	8/3/92 S13	8/3/92 S16	8/3/92 S17	8/4/92 S10
2-Hexanone	µg/kg		UJ	578 UM	3,000 U	30 U				16 U		17 UJ
4-Methyl-2-pentanone	µg/kg		UJ	578 UM	3,000 U	30 U				16 U		17 UJ
Acetone	µg/kg			417 M	3,000 U	280				34		120
Benzene	µg/kg		U	639 M	750 J	14 J	7.0 UJ	7.0 U	50 UJ	16 U	10 UM	17 U
Bromodichloromethane	µg/kg		U	578 UM	3,000 U	30 U				16 U		17 U
Bromoform	µg/kg		U	578 UM	3,000 U	30 U				16 U		17 U
Bromomethane	µg/kg		UJ	578 UM	3,000 U	30 UJ				16 UJ		17 UJ
Carbon disulfide	µg/kg		U	578 UM	3,000 U	30 U				16 UJ		17 UJ
Carbon Tetrachloride	µg/kg		U	578 UM	3,000 U	30 U				16 U		17 U
Chlorobenzene	µg/kg		U	10,005 M	1,100 J	49	7.0 UJ	7.0 U	50 UJ	16 U	10 UM	7.0 J
Chloroethane	µg/kg		UJ	578 UM	3,000 U	30 U				16 U		17 U
Chloroform	µg/kg		U	578 UM	3,000 U	30 U				16 U		17 U
Chloromethane	µg/kg		UJ	578 UM	3,000 U	30 U				16 U		17 U
Cis-1,3-dichloropropene	µg/kg		U	578 UM	3,000 U	30 U				16 U		17 U
Dibromochloromethane	µg/kg		U	578 UM	3,000 U	30 U				16 U		17 U
Ethylbenzene	µg/kg		U	578 UM	1,300 J	30 U	7.0 UJ	7.0 U	50 UJ	16 U	10 UM	17 UJ
Isopropanol	µg/kg					18 J						
Methylene chloride	µg/kg		JU	582 UM	3,000 U	39 U				16 U		17 U
Pentachloro benzene	µg/kg						3.2 J	4.9 U	7.2 U		6.7 UM	
Styrene	µg/kg		U	578 UM	3,000 U	30 U				16 U		17 UJ
Tetrachlorobenzene (mixed)	µg/kg						13	4.9 U	7.2 U		6.7 UM	
Tetrachloroethene	µg/kg		U	578 UM	3,000 U	30 U				16 U		17 UJ
Toluene	µg/kg		J	443 M	1,400 J	30 U	27 J	230	130 J	16 U	46 M	17 UJ
Trans-1,3-dichloropropene	µg/kg		U	578 UM	3,000 U	30 U				16 U		17 U
Trichloroethene	µg/kg		U	578 UM	3,000 U	30 U				16 U		17 U
Vinyl chloride	µg/kg		UJ	578 UM	3,000 U	30 U				16 U		17 U
Xylene (Total)	µg/kg		U	606 M	13,000	30 U	7.0 UJ	7.0 U	480 J	16 U	10 UM	17 UJ
Semivolatile Organic Compounds												
1,1'-(1-methylethylidene)bis-benzene	µg/kg			2,300 J	6,400 J	1,200 J						
1,1'(3methyl1propene1,3diyl)bis-benzene	µg/kg				13,000 J							
1,2,3,4-Tetrachlorobenzene	µg/kg						11	4.9 U	7.2 U		6.7 U	
1,2,3-Trichlorobenzene	µg/kg						7.0 UJ	7.0 U	50 UJ		10 U	
1,2,3-Trimethyl-4-propenyl naphthalene	µg/kg		J			8,200 J						
1,2,4-Trichlorobenzene	µg/kg		U	287 M	4,400 UJ	2,800 UJ	7.0 UJ	7.0 U	50 UJ	150 U	10 U	1,500 UJ
1,2-Dichlorobenzene	µg/kg		U	487 M	3,500 J	2,800 UJ	7.0 UJ	7.0 U	50 UJ	150 U	10 U	1,500 UJ
1,2-Dimethylnaphthalene	µg/kg			1,767 M								
1,3,5-Trichlorobenzene	µg/kg						7.0 UJ	7.0 U	50 UJ		10 U	
1,3-Dichlorobenzene	µg/kg		U	1,200 UM	4,400 UJ	2,800 UJ	7.0 UJ	7.0 U	50 UJ	150 U	10 U	1,500 UJ
1,4,5-Trimethylnaphthalene	µg/kg											
1,4-Dichlorobenzene	µg/kg		U	887 M	7,000 J	2,800 UJ	5.0 J	7.0 U	50 UJ	150 U	10 U	1,500 UJ
1,4-Dimethyl naphthalene	µg/kg											
1,6-Dimethyl naphthalene	µg/kg											
11h-Benzo[a]fluorene	µg/kg											
11h-Benzo[b]fluorene	µg/kg											1,800 J
1-Methyl phenanthrene	µg/kg											1,500 J
1-Methylhexyl benzene	µg/kg											
1-Methylnaphthalene	µg/kg		J	2,433 M	6,400 J	5,900 J				31 J		620 J
1-Methylpyrene	µg/kg											1,200 J

Table I-3. (cont.)

Analyte	Units	Date / Station		8/2/92 S1	8/2/92 S20	8/2/92 S22	8/2/92 S7	8/3/92 S11	8/3/92 S13	8/3/92 S16	8/3/92 S17	8/4/92 S10
2,2'-Oxybis(1-chloropropane)	µg/kg		U	1,200 UM	4,400 UJ	2,800 UJ				150 U		1,500 UJ
2,3,6-Trimethyl octane	µg/kg			2,250 M								1,800 J
2,3-Dihydro-1h-inden-1-one	µg/kg				3,700 J							
2,3-Dihydro-1-methyl-3-phenyl-1h-inden,	µg/kg			770 J	6,400 J							
2,4,5-Trichlorophenol	µg/kg		U	3,033 UM	11,000 UJ	7,000 UJ				370 U		3,700 UJ
2,4,6-Trichlorophenol	µg/kg		U	1,200 UM	4,400 UJ	2,800 UJ				150 U		1,500 UJ
2,4-Dichlorophenol	µg/kg		U	1,200 UM	4,400 UJ	2,800 UJ				150 U		1,500 UJ
2,4-Dimethylphenol	µg/kg		U	1,200 UM	4,400 UJ	2,800 UJ				150 U		1,500 UJ
2,4-Dinitrophenol	µg/kg		U	3,033 UM	11,000 UJ	7,000 UJ				370 U		3,700 UJ
2,4-Dinitrotoluene	µg/kg		U	1,200 UM	4,400 UJ	2,800 UJ				150 U		1,500 UJ
2,5-bis(1,1-dimethyletyl)-thiophene	µg/kg			770 J								
2,6,11-Trimethyldodecane	µg/kg					1,200 J						
2,6-Dinitrotoluene	µg/kg		U	1,200 UM	4,400 UJ	2,800 UJ				150 U		1,500 UJ
2,7,10-Trimethyldodecane	µg/kg											
2-Chloronaphthalene	µg/kg		U	1,200 UM	4,400 UJ	2,800 UJ				150 U		1,500 UJ
2-Chlorophenol	µg/kg		U	1,200 UM	4,400 UJ	2,800 UJ				150 U		1,500 UJ
2-Ethenyl naphthalene	µg/kg									62 J		
2-Ethyl-1-hexanamine	µg/kg											
2-Ethyl-1-hexanol	µg/kg			1,300 J								
2-Methyl-4,6-dinitrophenol	µg/kg		U	3,033 UM	11,000 UJ	7,000 UJ				370 U		3,700 UJ
2-Methylnaphthalene	µg/kg		U	1,063 M	3,700 J	2,800 UJ				150 U		620 J
2-Methylphenol	µg/kg		U	1,200 UM	4,400 UJ	2,800 UJ				150 U		1,500 UJ
2-Nitroaniline	µg/kg		U	3,033 UM	11,000 UJ	7,000 UJ				370 U		3,700 UJ
2-Nitrophenol	µg/kg		U	1,200 UM	4,400 UJ	2,800 UJ				150 U		1,500 UJ
2-Phenyl naphthalene	µg/kg											920 J
3-(2-Phenylethenly)-benzenamine	µg/kg				6,400 J							
3,3-Dichlorobenzidine	µg/kg		U	1,200 UM	4,400 UJ	2,800 UJ				150 U		1,500 UJ
3,6-Dimethyl undecane	µg/kg											
3-Methyl phenanthrene	µg/kg											2,200 J
3-Methylcyclopentylbenzene	µg/kg				3,700 J							
3-Nitroaniline	µg/kg		U	3,033 UM	11,000 UJ	7,000 UJ				370 U		3,700 UJ
4,6-Dimethyl undecane	µg/kg			980 J								
4,9-Dipropyldodecane	µg/kg											
4-Bromophenyl-phenyl ether	µg/kg		U	1,200 UM	4,400 UJ	2,800 UJ				150 U		1,500 UJ
4-Chloro-3-methylphenol	µg/kg		U	1,200 UM	4,400 UJ	2,800 UJ				150 U		1,500 UJ
4-Chloroaniline	µg/kg		U	1,200 UM	4,400 UJ	2,800 UJ				150 U		1,500 UJ
4-Chlorophenyl-phenyl ether	µg/kg		U	1,200 UM	4,400 UJ	2,800 UJ				150 U		1,500 UJ
4-Methyl-biphenyl	µg/kg											
4-Methylphenol	µg/kg		U	1,200 UM	4,400 UJ	2,800 UJ				150 U		1,500 UJ
4-Nitroaniline	µg/kg		U	3,033 UM	11,000 UJ	7,000 UJ				370 U		3,700 UJ
4-Nitrophenol	µg/kg		U	3,033 UM	11,000 UJ	7,000 UJ				370 U		3,700 UJ
5-Methylene-5h-dibenzo[a,d]cycloheptene	µg/kg											920 J
5-Propyl tridecane	µg/kg			1,300 J		2,300 J						
7-Methyl tridecane	µg/kg									62 J		
9-Octylheptadecane	µg/kg											
Acenaphthene	µg/kg		U	1,013 M	4,400 UJ	2,800 UJ	15,000 J	2,500 UJ	18,000 UJ	46 J	640	890 J
Acenaphthylene	µg/kg		U	633 M	4,400 UJ	2,800 UJ	24,000 UJ	4,900 UJ	36,000 UJ	72 J	427	2,000 J

Table I-3. (cont.)

Analyte	Units	Date / Station		8/2/92 S1	8/2/92 S20	8/2/92 S22	8/2/92 S7	8/3/92 S11	8/3/92 S13	8/3/92 S16	8/3/92 S17	8/4/92 S10
Anthracene	µg/kg		U	3,300 M	4,400 UJ	2,800 UJ	4,000 J	570 J	8,900 J	240	56	4,400 J
Benz(a)anthracene	µg/kg		U	4,133 M	4,400 UJ	2,800 UJ	4,300 J	340 J	2,600 J	630	187	7,700 J
Benzo(a)pyrene	µg/kg		U	3,700 M	4,400 UJ	2,800 UJ	1,400 J	700 J	2,700 J	640	167	7,800 J
Benzo(b)fluoranthene	µg/kg		U	6,267 M	4,400 UJ	2,800 UJ	4,200 J	1,300 J	29,000 J	1,100	307	9,700 J
Benzo(g,h,i)perylene	µg/kg		U	1,700 M	4,400 UJ	2,800 UJ	3,600 J	2,200 J	9,300 J	260	470	1,900 J
Benzo(k)fluoranthene	µg/kg		U	1,200 UM	4,400 UJ	2,800 UJ	2,500 J	810 J	3,800 J	150 U	143	1,500 UJ
Benzo[e]pyrene	µg/kg											3,400 J
Beta-methyl-beta-phenyl-benzeneethanol	µg/kg				5,500 J							
Bis(2-chloroethoxy)methane	µg/kg		U	1,200 UM	4,400 UJ	2,800 UJ				150 U		1,500 UJ
Bis(2-chloroethyl)ether	µg/kg		U	1,200 UM	4,400 UJ	2,800 UJ				150 U		1,500 UJ
Bis(2-ethylhexyl)phthalate	µg/kg		J	1,467 M	4,400 UJ	3,000 J				270		440 J
Butylbenzylphthalate	µg/kg		U	1,200 UM	4,400 UJ	2,800 UJ				150 U		1,500 UJ
Carbazole	µg/kg		U	357 M	4,400 UJ	2,800 UJ				46 J		330 J
Chrysene	µg/kg		U	4,600 M	4,400 UJ	2,800 UJ	4,600 J	250 UJ	1,800 UJ	670	420	7,500 J
Cyclohexyl benzene	µg/kg											
Cyclopentyl benzene	µg/kg											
Dibenz(a,h)anthracene	µg/kg		U	667 M	4,400 UJ	2,800 UJ	2,400 UJ	370 J	890 J	100 J	88	730 J
Dibenzofuran	µg/kg		U	1,300 M	4,400 UJ	2,800 UJ				150 U		470 J
Dichlorobenzene, non-specific	µg/kg		U	1,373 M	10,500 J	2,800 UJ	5.0 J	7.0 U	50 UJ	150 U	10 U	1,500 UJ
Dichlorobenzenes (Sum)	µg/kg		U	1,373 M	10,500	2,800 U	5.0	7.0 U	50 U	150 U	10 U	1,500 U
Diethylphthalate	µg/kg		U	1,200 UM	4,400 UJ	2,800 UJ				150 U		1,500 UJ
Dimethylphthalate	µg/kg		U	1,200 UM	4,400 UJ	2,800 UJ				150 U		1,500 UJ
Di-n-butylphthalate	µg/kg		U	1,200 UM	4,400 UJ	2,800 UJ				150 U		1,500 UJ
Di-n-octylphthalate	µg/kg		U	1,200 UM	4,400 UJ	2,800 UJ				150 U		1,500 UJ
Fluoranthene	µg/kg		U	6,633 M	4,400 UJ	730 J	86,000 BJ	26,000 BJ	230,000 BJ	930	620	10,000 J
Fluorene	µg/kg		U	1,233	4,400 UJ	2,800 UJ	2,600 J	490 UJ	7,200 J	72 J	47	3,500 J
Heptadecane	µg/kg			1,285								
Hexachlorobenzene	µg/kg		U	1,200 U	4,400 UJ	2,800 UJ	11	4.9 U	4.6 J	150 U	6.7 U	1,500 UJ
Hexachlorobutadiene	µg/kg		U	1,200 U	4,400 UJ	2,800 UJ				150 U		1,500 UJ
Hexachlorocyclopentadiene	µg/kg		U	1,200 U	4,400 UJ	2,800 UJ				150 U		1,500 UJ
Hexachloroethane	µg/kg		U	1,200 U	4,400 UJ	2,800 UJ				150 U		1,500 UJ
Hexadecane	µg/kg		J		3,700 J					62 J		
Indeno(1,2,3-cd)pyrene	µg/kg		U	1,933	4,400 UJ	2,800 UJ	1,200 UJ	250 UJ	1,800 UJ	280	96	1,900 J
Isophorone	µg/kg		U	1,200 U	4,400 UJ	2,800 UJ				150 U		1,500 UJ
Naphthalene	µg/kg		U	2,100	22,000 J	2,800 UJ	12,000 UJ	2,500 UJ	11,000 J	150 U	543	690 J
Nitrobenzene	µg/kg		U	1,200 U	4,400 UJ	2,800 UJ				150 U		1,500 UJ
N-nitroso-di-n-propylamine	µg/kg		U	1,200 U	4,400 UJ	2,800 UJ				150 U		1,500 UJ
N-Nitrosodiphenylamine(1)	µg/kg		U	1,200 U	4,400 UJ	2,800 UJ				150 U		1,500 UJ
PAH-high MW	µg/kg											
PAH-low MW	µg/kg											
Pentachlorophenol	µg/kg		U	3,033 U	11,000 UJ	7,000 UJ				370 U		3,700 UJ
Phenanthrene	µg/kg		U	5,633	1,400 J	2,800 UJ	6,300 J	250 UJ	22,000 J	540	197	16,000 J
Phenol	µg/kg		U	1,200 U	4,400 UJ	2,800 UJ				150 U		1,500 UJ
Pyrene	µg/kg		U	7,467	4,400 UJ	750 J	9,500 J	380 J	3,200 J	1,100	540	17,000 J
Total benzofluoranthenes (b + k)	µg/kg											
Trichlorobenzene	µg/kg						7.0 UJ	7.0 U	50 UJ		10 U	
Trichlorobenzenes (Sum)	µg/kg		U	287	4,400 U	2,800 U	7.0 U	7.0 U	50 U	150 U	10 U	1,500 U

Table I-3. (cont.)

Analyte	Units	Date / Station		8/2/92 S1	8/2/92 S20	8/2/92 S22	8/2/92 S7	8/3/92 S11	8/3/92 S13	8/3/92 S16	8/3/92 S17	8/4/92 S10
Pesticides and PCBs												
4,4'-DDD	µg/kg		U	16 M	47 NJ	12 NJ				5.5 UJ		7.4 JN
4,4'-DDE	µg/kg		U	16 UM	8.2 U	10 U				5.5 UJ		5.4 UJ
4,4'-DDT	µg/kg		U	16 UM	8.2 U	10 U				5.5 UJ		5.4 UJ
Aldrin	µg/kg		U	8.1 UM	4.2 U	5.4 U				2.8 UJ		2.8 UJ
alpha-BHC	µg/kg		U	8.1 UM	4.2 U	5.4 U				2.8 UJ		2.8 UJ
alpha-Chlordane	µg/kg		U	5.1 M	4.2 U	5.4 U				2.8 UJ		2.8 UJ
Aroclor-1016	µg/kg		U	160 UM	82 UJ	100 UJ	50 U	49 U	72 UJ	55 UJ	67 UM	54 UJ
Aroclor-1221	µg/kg		U	327 UM	170 UJ	210 U	50 UJ	49 UJ	72 UJ	110 UJ	67 UM	110 UJ
Aroclor-1232	µg/kg		U	160 UM	82 UJ	100 UJ	50 UJ	49 U	72 U	55 UJ	67 UM	54 UJ
Aroclor-1242	µg/kg		U	160 UM	82 U	100 UJ	50 UJ	49 U	72 UJ	55 UJ	67 UM	54 UJ
Aroclor-1248	µg/kg		U	167 M	82 UJ	230	60	49 U	290	170 J	56 M	54 UJ
Aroclor-1254	µg/kg		U	160 UM	82 U	100 UJ	50 U	49 U	72 UJ	55 UJ	67 UM	54 UJ
Aroclor-1260	µg/kg		U	160 UM	82 UJ	100 UJ	37 J	49 U	70 J	55 UJ	67 UM	54 UJ
beta-BHC	µg/kg		U	8.1 UM	4.2 U	5.4 U				2.8 UJ		2.8 UJ
Chlordane (Sum)	µg/kg		U	5.1	4.2 U	5.4 U				2.8 U		2.8 U
DDT and metabolites	µg/kg		U	16 M	47	12				5.5 U		7.4
delta-BHC	µg/kg		U	8.1 UM	4.2 U	5.4 U				2.8 UJ		2.8 UJ
Dieldrin	µg/kg		U	16 UM	8.2 U	10 U				5.5 UJ		5.4 UJ
Endosulfan I	µg/kg		U	8.1 UM	4.2 U	5.4 U				2.8 UJ		2.8 UJ
Endosulfan II	µg/kg		U	16 UM	8.2 U	10 U				5.5 UJ		5.4 UJ
Endosulfan sulfate	µg/kg		U	16 UM	8.2 U	10 U				5.5 UJ		5.4 UJ
Endrin aldehyde	µg/kg		U	16 UM	8.2 U	10 U				5.5 UJ		5.4 UJ
Endrin ketone	µg/kg		U	16 UM	8.2 U	10 U				5.5 UJ		5.4 UJ
Endrin	µg/kg		U	16 UM	8.2 U	10 U				5.5 UJ		5.4 UJ
gamma-BHC (Lindane)	µg/kg		U	8.1 UM	4.2 U	5.4 U				2.8 UJ		2.8 UJ
gamma-Chlordane	µg/kg		U	8.1 UM	4.2 U	5.4 U				2.8 UJ		2.8 UJ
Heptachlor epoxide	µg/kg		U	8.1 UM	4.2 U	5.4 U				2.8 UJ		2.8 UJ
Heptachlor	µg/kg		U	8.1 UM	4.2 U	5.4 U				2.8 UJ		2.8 UJ
Methoxychlor	µg/kg		U	81 UM	42 U	54 U				28 UJ		28 UJ
PCBs (Sum)	µg/kg		U	247 M	82 U	280	97	49 U	360	198	90 M	54 U
Polychlorinated biphenyls	µg/kg		U	167 M	82 UJ	230	97 J	49 U	360 J	170 J	56 M	54 UJ
Toxaphene	µg/kg		U	810 UM	420 U	540 U				280 UJ		280 UJ

Table I-3. (cont.)

Analyte	Units	Date Station	8/4/92 S34	8/4/92 S45	8/4/92 S46	8/5/92 S104	8/5/92 S111	8/9/92 S8	8/9/92 S9	8/10/92 S66	8/10/92 S70
Conventional Analytes											
Acid-volatile sulfide	mg/kg		30	120	500	300	300	3,200	3,900	20	2,500
Calcium carbonate	%-dw		73	56	60	90	89	57	53	77	53
Chloride-Calculated	mg/kg		348	342	632	360	394	414	495	353	725
Chloride-Measured	mg/kg		270	260	320	330	430	940	1,500	210	2,600
Percent moisture	%-ww		44	43	34	48	52	69	75	37	78
Total organic carbon	%-dw		0.6	0.8	0.5	0.7	1.0	2.9	2.9	0.5	2.5
Total solids	%-ww		56	57	66	52 M	48	31	25	63 M	22
Percent clay	%-ww		0.6	0.7	0.9	0.5	0.9	3.4	5.1	0.5	6.5
Percent fines (clay & silt)	%-dw		4.3	3.2	6.9	2.9	5.6	82	96	2.9	95
Percent sand	%-ww		55	56	63	51	45	5.1	0.7	62	0.9
Percent silt	%-ww		1.8	1.1	3.7	1.0	1.8	22	19	1.3	14
Metals											
Aluminum	mg/kg				2,790					1,030	
Antimony	mg/kg				3.3 BJ					2.8 UJ	
Arsenic	mg/kg				1.5 BJ					0.7 B	
Barium	mg/kg				85					85	
Beryllium	mg/kg				0.6 B					0.3 U	
Cadmium	mg/kg		2.1 J	2.3 J	1.0	5.0 J	0.6 BJ	2.8	2.8 B	1.3	4.0
Calcium	mg/kg		220,000 J	192,000 J	214,000	326,000 J	224,000 J	184,000	168,000	231,000	183,000
Chromium	mg/kg		82 J	52 J	22	84 J	12 J	83	71	23	50
Cobalt	mg/kg				1.8 B					1.1 B	
Copper	mg/kg		35 J	21 J	9.6	28 J	9.9 UJ	84	84	13	48
Cyanide	mg/kg				1.3 J					1.0	
Iron	mg/kg				2,840					2,040	
Lead	mg/kg		13 J	14 J	11	16 J	22 J	101 J	71 J	9.1	52 J
Magnesium	mg/kg		3,100	4,180	6,390	2,800	2,850	6,910	8,360	3,280	5,850
Manganese	mg/kg				265					182 J	
Mercury	mg/kg		0.2	0.7	0.4 J	1.4	2.9	7.9	6.5	0.2	1.9
Nickel	mg/kg		7.1 B	3.9 B	6.2 B	8.8	6.1 B	23	16 B	4.3 B	21 B
Potassium	mg/kg				160 B					143 B	
Selenium	mg/kg				0.4 BJ					0.2 UJ	
Silver	mg/kg				0.7 BJ					2.7 J	
Sodium	mg/kg				595 B					466 B	
Thallium	mg/kg				0.3 BJ					0.2 U	
Vanadium	mg/kg				0.4 U					0.5 U	
Zinc	mg/kg		55 J	43 J	31 J	84 J	38 J	182 J	177 J	39	148 J
Volatile Organic Compounds											
1,1,1-Trichloroethane	µg/kg				15 U					17 U	
1,1,2,2-Tetrachloroethane	µg/kg				15 U					17 U	
1,1,2-Trichloroethane	µg/kg				15 U					17 U	
1,1-Dichloroethane	µg/kg				15 U					17 U	
1,1-Dichloroethene	µg/kg				15 U					17 U	
1,2-Dichloroethane	µg/kg				15 U					17 U	
1,2-Dichloroethene (Total)	µg/kg				15 U					17 U	
1,2-Dichloropropane	µg/kg				15 U					17 U	
2-Butanone	µg/kg				15 U					17 UJ	

Table I-3. (cont.)

Analyte	Units	Date / Station	8/4/92 S34	8/4/92 S45	8/4/92 S46	8/5/92 S104	8/5/92 S111	8/9/92 S8	8/9/92 S9	8/10/92 S66	8/10/92 S70
2-Hexanone	µg/kg				15 U					17 U	
4-Methyl-2-pentanone	µg/kg				15 U					17 U	
Acetone	µg/kg				73					96 J	
Benzene	µg/kg		8.0 UJ	9.0 UJ	15 U	9.0 UJ	10 UJ	16 UJ	27 J	17 U	13 J
Bromodichloromethane	µg/kg				15 U					17 U	
Bromoform	µg/kg				15 U					17 U	
Bromomethane	µg/kg				15 UJ					17 U	
Carbon disulfide	µg/kg				15 UJ					17 U	
Carbon Tetrachloride	µg/kg				15 U					17 U	
Chlorobenzene	µg/kg		8.0 UJ	9.0 UJ	15 U	9.0 UJ	10 UJ	91 J	220 J	17 U	22 UJ
Chloroethane	µg/kg				15 U					17 U	
Chloroform	µg/kg				15 U					17 U	
Chloromethane	µg/kg				15 U					17 U	
Cis-1,3-dichloropropene	µg/kg				15 U					17 U	
Dibromochloromethane	µg/kg				15 U					17 U	
Ethylbenzene	µg/kg		8.0 UJ	9.0 UJ	15 U	9.0 UJ	10 UJ	16 UJ	19 UJ	17 U	22 UJ
Isopropanol	µg/kg										
Methylene chloride	µg/kg				15 U					17 U	
Pentachloro benzene	µg/kg		5.8 U	5.9 U		6.3 U	7.0 UJ	6.5 J	13 UJ		
Styrene	µg/kg				15 U					17 U	
Tetrachlorobenzene (mixed)	µg/kg		5.8 U	5.9 U		6.3 U	7.0 UJ	39 J	13 UJ		
Tetrachloroethene	µg/kg				15 U					17 U	
Toluene	µg/kg		210 J	41 J	15 U	44 J	5.0 J	14 J	20 J	17 U	21 J
Trans-1,3-dichloropropene	µg/kg				15 U					17 U	
Trichloroethene	µg/kg				15 U					17 U	
Vinyl chloride	µg/kg				15 U					17 U	
Xylene (Total)	µg/kg		8.0 UJ	9.0 UJ	15 U	9.0 UJ	10 UJ	16 UJ	19 UJ	17 U	22 UJ
Semivolatile Organic Compounds											
1,1'-(1-methylethylidene)bis-benzene	µg/kg										
1,1'(3methyl1propene1,3diyl)bis-benzene	µg/kg										
1,2,3,4-Tetrachlorobenzene	µg/kg		5.8 U	5.9 U		6.3 U	7.0 UJ	12 J	7.2 J		
1,2,3-Trichlorobenzene	µg/kg		8.0 UJ	9.0 UJ		9.0 UJ	10 UJ	16 UJ	19 UJ		22 UJ
1,2,3-Trimethyl-4-propenyl naphthalene	µg/kg										
1,2,4-Trichlorobenzene	µg/kg		8.0 UJ	9.0 UJ	130 U	9.0 UJ	10 UJ	16 UJ	19 UJ	140 U	22 UJ
1,2-Dichlorobenzene	µg/kg		8.0 UJ	9.0 UJ	130 U	9.0 UJ	10 UJ	22 J	37 J	140 U	22 UJ
1,2-Dimethylnaphthalene	µg/kg										
1,3,5-Trichlorobenzene	µg/kg		8.0 UJ	9.0 UJ		9.0 UJ	10 UJ	16 UJ	19 UJ		22 UJ
1,3-Dichlorobenzene	µg/kg		8.0 UJ	9.0 UJ	130 U	9.0 UJ	10 UJ	16 UJ	19 UJ	140 U	22 UJ
1,4,5-Trimethylnaphthalene	µg/kg										
1,4-Dichlorobenzene	µg/kg		8.0 UJ	9.0 UJ	130 U	9.0 UJ	10 UJ	84 J	130 J	140 U	23 J
1,4-Dimethyl naphthalene	µg/kg										
1,6-Dimethyl naphthalene	µg/kg										
11h-Benzo[a]fluorene	µg/kg									150 J	
11h-Benzo[b]fluorene	µg/kg									230 J	
1-Methyl phenanthrene	µg/kg										
1-Methylhexyl benzene	µg/kg										
1-Methylnaphthalene	µg/kg				56 J					880 J	
1-Methylpyrene	µg/kg										

Table I-3. (cont.)

Analyte	Units	Date / Station	8/4/92 S34	8/4/92 S45	8/4/92 S46	8/5/92 S104	8/5/92 S111	8/9/92 S8	8/9/92 S9	8/10/92 S66	8/10/92 S70
2,2'-Oxybis(1-chloropropane)	µg/kg				130 U					140 U	
2,3,6-Trimethyl octane	µg/kg									120 J	
2,3-Dihydro-1h-inden-1-one	µg/kg										
2,3-Dihydro-1-methyl-3-phenyl-1h-inden,	µg/kg										
2,4,5-Trichlorophenol	µg/kg				340 U					350 U	
2,4,6-Trichlorophenol	µg/kg				130 U					140 U	
2,4-Dichlorophenol	µg/kg				130 U					140 U	
2,4-Dimethylphenol	µg/kg				130 U					140 U	
2,4-Dinitrophenol	µg/kg				340 U					350 U	
2,4-Dinitrotoluene	µg/kg				130 U					140 U	
2,5-bis(1,1-dimethyletyl)-thiophene	µg/kg										
2,6,11-Trimethyldodecane	µg/kg										
2,6-Dinitrotoluene	µg/kg				130 U					140 U	
2,7,10-Trimethyldodecane	µg/kg										
2-Chloronaphthalene	µg/kg				130 U					140 U	
2-Chlorophenol	µg/kg				130 U					140 U	
2-Ethenyl naphthalene	µg/kg										
2-Ethyl-1-hexanamine	µg/kg										
2-Ethyl-1-hexanol	µg/kg										
2-Methyl-4,6-dinitrophenol	µg/kg				340 U					350 U	
2-Methylnaphthalene	µg/kg				130 U					160	
2-Methylphenol	µg/kg				130 U					140 U	
2-Nitroaniline	µg/kg				340 U					350 U	
2-Nitrophenol	µg/kg				130 U					140 U	
2-Phenyl naphthalene	µg/kg										
3-(2-Phenylethenly)-benzenamine	µg/kg										
3,3-Dichlorobenzidine	µg/kg				130 U					140 U	
3,6-Dimethyl undecane	µg/kg										
3-Methyl phenanthrene	µg/kg										
3-Methylcyclopentylbenzene	µg/kg										
3-Nitroaniline	µg/kg				340 U					350 U	
4,6-Dimethyl undecane	µg/kg										
4,9-Dipropyldodecane	µg/kg										
4-Bromophenyl-phenyl ether	µg/kg				130 U					140 U	
4-Chloro-3-methylphenol	µg/kg				130 U					140 U	
4-Chloroaniline	µg/kg				130 U					140 U	
4-Chlorophenyl-phenyl ether	µg/kg				130 U					140 U	
4-Methyl-biphenyl	µg/kg										
4-Methylphenol	µg/kg				130 U					140 U	
4-Nitroaniline	µg/kg				340 U					350 U	
4-Nitrophenol	µg/kg				340 U					350 U	
5-Methylene-5h-dibenzo[a,d]cycloheptene	µg/kg										
5-Propyl tridecane	µg/kg										
7-Methyl tridecane	µg/kg										
9-Octylheptadecane	µg/kg										
Acenaphthene	µg/kg		310 J	300 UJ	130 U	370 J	380 J	780 J	650 UJ	460	310 J
Acenaphthylene	µg/kg		380 J	460 J	41 J	630 U	700 UJ	1,100 UJ	1,200 J	34 J	2,800 J

Table I-3. (cont.)

Analyte	Units	Date / Station	8/4/92 S34	8/4/92 S45	8/4/92 S46	8/5/92 S104	8/5/92 S111	8/9/92 S8	8/9/92 S9	8/10/92 S66	8/10/92 S70
Anthracene	µg/kg		45 J	20 J	110 J	53	35 UJ	170 J	58 J	750	47 J
Benz(a)anthracene	µg/kg		110 J	150 J	300	120	35 UJ	490 J	240 J	1,500	89 J
Benzo(a)pyrene	µg/kg		41 J	30 UJ	240	130	35 UJ	210 J	130 J	1,300	110 J
Benzo(b)fluoranthene	µg/kg		570 J	210 J	440	220	67 J	750 J	580 J	1,600	260 J
Benzo(g,h,i)perylene	µg/kg		410 J	990 J	99 J	330	330 J	1,300 J	550 J	460	230 J
Benzo(k)fluoranthene	µg/kg		48 J	180 J	130 U	80	58 J	190 J	190 J	140 U	100 J
Benzo[e]pyrene	µg/kg									910 J	
Beta-methyl-beta-phenyl-benzeneethanol	µg/kg										
Bis(2-chloroethoxy)methane	µg/kg				130 U					140 U	
Bis(2-chloroethyl)ether	µg/kg				130 U					140 U	
Bis(2-ethylhexyl)phthalate	µg/kg				86 J					100 J	
Butylbenzylphthalate	µg/kg				130 U					140 U	
Carbazole	µg/kg				130 U					470	
Chrysene	µg/kg		210 J	14 J	310	270 J	35 UJ	960 J	270 J	1,200	170 J
Cyclohexyl benzene	µg/kg										
Cyclopentyl benzene	µg/kg										
Dibenz(a,h)anthracene	µg/kg		70 UJ	33 J	43 J	82	70 UJ	200 J	58 J	180	50 J
Dibenzofuran	µg/kg				130 U					340	
Dichlorobenzene, non-specific	µg/kg		8.0 UJ	9.0 UJ	130 U	9.0 UJ	10 UJ	106 J	167 J	140 U	23 J
Dichlorobenzenes (Sum)	µg/kg		8.0 U	9.0 U	130 U	9.0 U	10 U	106	167	140 U	23
Diethylphthalate	µg/kg				130 U					140 U	
Dimethylphthalate	µg/kg				130 U					140 U	
Di-n-butylphthalate	µg/kg				130 U					140 U	
Di-n-octylphthalate	µg/kg				130 U					140 U	
Fluoranthene	µg/kg		1,900 BJ	6,000 BJ	610	560 BJ	1,400 BJ	1,300 J	1,800 J	2,300	880 J
Fluorene	µg/kg		42 J	59 UJ	43 J	47 J	70 UJ	96 J	210 J	480	150 UJ
Heptadecane	µg/kg										
Hexachlorobenzene	µg/kg		5.8 U	5.9 U	130 U	6.3 U	7.0 UJ	65 J	21 J	140 U	
Hexachlorobutadiene	µg/kg				130 U					140 U	
Hexachlorocyclopentadiene	µg/kg				130 U					140 U	
Hexachloroethane	µg/kg				130 U					140 U	
Hexadecane	µg/kg				56 J						
Indeno(1,2,3-cd)pyrene	µg/kg		29 UJ	81 J	100 J	730	35 UJ	360 J	130 J	540	74 UJ
Isophorone	µg/kg				130 U					140 U	
Naphthalene	µg/kg		290 UJ	760 J	130 U	320 U	350 UJ	850 J	530 J	370	430 J
Nitrobenzene	µg/kg				130 U					140 U	
N-nitroso-di-n-propylamine	µg/kg				130 U					140 U	
N-Nitrosodiphenylamine(1)	µg/kg				130 U					140 U	
PAH-high MW	µg/kg										
PAH-low MW	µg/kg										
Pentachlorophenol	µg/kg				340 U					350 U	
Phenanthrene	µg/kg		220 J	310 J	360	78 J	32 J	540 J	210 J	2,300	130 J
Phenol	µg/kg				130 U					140 U	
Pyrene	µg/kg		370 J	110 J	580	270 J	22 J	950 J	520 J	2,200	270 J
Total benzofluoranthenes (b + k)	µg/kg										
Trichlorobenzene	µg/kg		8.0 UJ	9.0 UJ		9.0 UJ	10 UJ	16 UJ	19 UJ		22 UJ
Trichlorobenzenes (Sum)	µg/kg		8.0 U	9.0 U	130 U	9.0 U	10 U	16 U	19 U	140 U	22 U

Table I-3. (cont.)

Analyte	Units	Date Station	8/4/92 S34	8/4/92 S45	8/4/92 S46	8/5/92 S104	8/5/92 S111	8/9/92 S8	8/9/92 S9	8/10/92 S66	8/10/92 S70
Pesticides and PCBs											
4,4'-DDD	µg/kg				5.0 U					5.2 U	
4,4'-DDE	µg/kg				5.0 U					5.2 U	
4,4'-DDT	µg/kg				5.0 U					5.2 U	
Aldrin	µg/kg				2.6 U					2.7 U	
alpha-BHC	µg/kg				2.6 U					2.7 U	
alpha-Chlordane	µg/kg				2.6 U					2.7 U	
Aroclor-1016	µg/kg		58 U	59 U	50 U	63 U	70 UJ	110 UJ	130 UJ	52 U	150 U
Aroclor-1221	µg/kg		58 UJ	59 UJ	100 U	63 UJ	70 UJ	110 U	130 U	100 U	150 U
Aroclor-1232	µg/kg		58 U	59 U	50 U	63 U	70 UJ	110 UJ	130 UJ	52 U	150 U
Aroclor-1242	µg/kg		58 U	59 U	50 U	63 U	70 UJ	110 UJ	130 UJ	52 U	150 U
Aroclor-1248	µg/kg		58 U	59 U	50 U	63 U	70 UJ	300	210	52 U	150 U
Aroclor-1254	µg/kg		58 U	59 U	50 U	63 U	70 UJ	110 UJ	130 U	52 U	150 U
Aroclor-1260	µg/kg		58 U	59 U	50 U	63 U	70 UJ	180	120 J	52 U	150 U
beta-BHC	µg/kg				2.6 U					2.7 U	
Chlordane (Sum)	µg/kg				2.6 U					2.7 U	
DDT and metabolites	µg/kg				5.0 U					5.2 U	
delta-BHC	µg/kg				2.6 U					2.7 U	
Dieldrin	µg/kg				5.0 U					5.2 U	
Endosulfan I	µg/kg				2.6 U					2.7 U	
Endosulfan II	µg/kg				5.0 U					5.2 U	
Endosulfan sulfate	µg/kg				5.0 U					5.2 U	
Endrin aldehyde	µg/kg				5.0 U					5.2 U	
Endrin ketone	µg/kg				5.0 U					5.2 U	
Endrin	µg/kg				5.0 U					5.2 U	
gamma-BHC (Lindane)	µg/kg				2.6 U					2.7 U	
gamma-Chlordane	µg/kg				2.6 U					2.7 U	
Heptachlor epoxide	µg/kg				2.6 U					2.7 U	
Heptachlor	µg/kg				2.6 U					2.7 U	
Methoxychlor	µg/kg				26 U					27 U	
PCBs (Sum)	µg/kg		58 U	59 U	50 U	63 U	70 U	480	330	52 U	150 U
Polychlorinated biphenyls	µg/kg		58 U	59 U	50 U	63 U	70 UJ	480	330 J	52 U	150 U
Toxaphene	µg/kg				260 U					270 U	

Table I-3. (cont.)

Analyte	Units	Date / Station	8/10/92 S71	8/10/92 S72	8/10/92 S73	8/11/92 S100	8/11/92 S103
Conventional Analytes							
Acid-volatile sulfide	mg/kg		30 U	400	20 U	20 U	4,000
Calcium carbonate	%-dw		89	72	90	90	58
Chloride-Calculated	mg/kg		332	459	367	312	638
Chloride-Measured	mg/kg		440	470	260	300	2,400
Percent moisture	%-ww		57	51	42	49	79
Total organic carbon	%-dw		0.7	1.2	0.7	0.8	3.0
Total solids	%-ww		43	49	59	51 M	21
Percent clay	%-ww		1.6	1.5	0.6	0.5	6.6
Percent fines (clay & silt)	%-dw		12	14	2.1	3.7	98
Percent sand	%-ww		39	43	60	49	0.6
Percent silt	%-ww		3.7	5.5	0.6	1.4	14
Metals							
Aluminum	mg/kg					159	
Antimony	mg/kg					3.0 UJ	
Arsenic	mg/kg					0.5 BJ	
Barium	mg/kg					92	
Beryllium	mg/kg					0.3 U	
Cadmium	mg/kg		0.3 U	2.8	0.2 B	1.0 B	1.6 B
Calcium	mg/kg		349,000	265,000	292,000	305,000	216,000
Chromium	mg/kg		6.6	33	9.6	27	43
Cobalt	mg/kg					0.6 B	
Copper	mg/kg		5.2 B	19	4.5 B	9.3 U	44
Cyanide	mg/kg					1.6 U	
Iron	mg/kg					874	
Lead	mg/kg		7.4 J	16 J	6.8 J	2.4	46 J
Magnesium	mg/kg		2,960	3,640	2,570	2,340	4,680
Manganese	mg/kg					445 J	
Mercury	mg/kg		0.1 U	0.8	0.2 U	0.4	2.3
Nickel	mg/kg		2.7 B	7.2 B	1.8 B	3.9 B	23
Potassium	mg/kg					211 B	
Selenium	mg/kg					0.4 B	
Silver	mg/kg					1.3 BJ	
Sodium	mg/kg					544 B	
Thallium	mg/kg					0.3 U	
Vanadium	mg/kg					0.5 U	
Zinc	mg/kg		24 J	79 J	16 J	31	143 J
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/kg					20 U	
1,1,2,2-Tetrachloroethane	µg/kg					20 U	
1,1,2-Trichloroethane	µg/kg					20 U	
1,1-Dichloroethane	µg/kg					20 U	
1,1-Dichloroethene	µg/kg					20 U	
1,2-Dichloroethane	µg/kg					20 U	
1,2-Dichloroethene (Total)	µg/kg					20 U	
1,2-Dichloropropane	µg/kg					20 U	
2-Butanone	µg/kg					20 UJ	

Table I-3. (cont.)

Analyte	Units	Date / Station	8/10/92 S71	8/10/92 S72	8/10/92 S73	8/11/92 S100	8/11/92 S103
2-Hexanone	µg/kg					20 U	
4-Methyl-2-pentanone	µg/kg					20 U	
Acetone	µg/kg					34 J	
Benzene	µg/kg		11 UJ	10 UJ	8.0 U	20 U	23 UJ
Bromodichloromethane	µg/kg					20 U	
Bromoform	µg/kg					20 U	
Bromomethane	µg/kg					20 U	
Carbon disulfide	µg/kg					20 U	
Carbon Tetrachloride	µg/kg					20 U	
Chlorobenzene	µg/kg		11 UJ	10 UJ	8.0 U	20 U	23 UJ
Chloroethane	µg/kg					20 U	
Chloroform	µg/kg					20 U	
Chloromethane	µg/kg					20 U	
Cis-1,3-dichloropropene	µg/kg					20 U	
Dibromochloromethane	µg/kg					20 U	
Ethylbenzene	µg/kg		11 UJ	10 UJ	8.0 U	20 U	23 UJ
Isopropanol	µg/kg						
Methylene chloride	µg/kg					20 U	
Pentachloro benzene	µg/kg						
Styrene	µg/kg					20 U	
Tetrachlorobenzene (mixed)	µg/kg						
Tetrachloroethene	µg/kg					20 U	
Toluene	µg/kg		14 J	23 J	6.0 J	20 U	11 J
Trans-1,3-dichloropropene	µg/kg					20 U	
Trichloroethene	µg/kg					20 U	
Vinyl chloride	µg/kg					20 U	
Xylene (Total)	µg/kg		11 UJ	10 UJ	8.0 U	20 U	23 UJ
Semivolatile Organic Compounds							
1,1'-(1-methylethylidene)bis-benzene	µg/kg						
1,1'(3methyl1propene1,3diyl)bis-benzene	µg/kg						
1,2,3,4-Tetrachlorobenzene	µg/kg						
1,2,3-Trichlorobenzene	µg/kg		11 UJ	10 UJ	8.0 U		23 UJ
1,2,3-Trimethyl-4-propenyl naphthalene	µg/kg						
1,2,4-Trichlorobenzene	µg/kg		11 UJ	10 UJ	8.0 U	86 U	23 UJ
1,2-Dichlorobenzene	µg/kg		11 UJ	10 UJ	8.0 U	86 U	23 UJ
1,2-Dimethylnaphthalene	µg/kg						
1,3,5-Trichlorobenzene	µg/kg		11 UJ	10 UJ	8.0 U		23 UJ
1,3-Dichlorobenzene	µg/kg		11 UJ	10 UJ	8.0 U	86 U	23 UJ
1,4,5-Trimethylnaphthalene	µg/kg						
1,4-Dichlorobenzene	µg/kg		11 UJ	10 UJ	8.0 U	86 U	23 UJ
1,4-Dimethyl naphthalene	µg/kg						
1,6-Dimethyl naphthalene	µg/kg						
11h-Benzo[a]fluorene	µg/kg						
11h-Benzo[b]fluorene	µg/kg						
1-Methyl phenanthrene	µg/kg						
1-Methylhexyl benzene	µg/kg						
1-Methylnaphthalene	µg/kg					380 J	
1-Methylpyrene	µg/kg						

Table I-3. (cont.)

Analyte	Units	Date Station	8/10/92 S71	8/10/92 S72	8/10/92 S73	8/11/92 S100	8/11/92 S103
2,2'-Oxybis(1-chloropropane)	µg/kg					86 U	
2,3,6-Trimethyl octane	µg/kg						
2,3-Dihydro-1h-inden-1-one	µg/kg						
2,3-Dihydro-1-methyl-3-phenyl-1h-inden,	µg/kg						
2,4,5-Trichlorophenol	µg/kg					220 U	
2,4,6-Trichlorophenol	µg/kg					86 U	
2,4-Dichlorophenol	µg/kg					86 U	
2,4-Dimethylphenol	µg/kg					86 U	
2,4-Dinitrophenol	µg/kg					220 U	
2,4-Dinitrotoluene	µg/kg					86 U	
2,5-bis(1,1-dimethyletyl)-thiophene	µg/kg						
2,6,11-Trimethyldodecane	µg/kg						
2,6-Dinitrotoluene	µg/kg					86 U	
2,7,10-Trimethyldodecane	µg/kg						
2-Chloronaphthalene	µg/kg					86 U	
2-Chlorophenol	µg/kg					86 U	
2-Ethenyl naphthalene	µg/kg						
2-Ethyl-1-hexanamine	µg/kg						
2-Ethyl-1-hexanol	µg/kg						
2-Methyl-4,6-dinitrophenol	µg/kg					220 U	
2-Methylnaphthalene	µg/kg					86 U	
2-Methylphenol	µg/kg					86 U	
2-Nitroaniline	µg/kg					220 U	
2-Nitrophenol	µg/kg					86 U	
2-Phenyl naphthalene	µg/kg						
3-(2-Phenylethenly)-benzenamine	µg/kg						
3,3-Dichlorobenzidine	µg/kg					86 U	
3,6-Dimethyl undecane	µg/kg						
3-Methyl phenanthrene	µg/kg						
3-Methylcyclopentylbenzene	µg/kg						
3-Nitroaniline	µg/kg					220 U	
4,6-Dimethyl undecane	µg/kg						
4,9-Dipropyldodecane	µg/kg						
4-Bromophenyl-phenyl ether	µg/kg					86 U	
4-Chloro-3-methylphenol	µg/kg					86 U	
4-Chloroaniline	µg/kg					86 U	
4-Chlorophenyl-phenyl ether	µg/kg					86 U	
4-Methyl-biphenyl	µg/kg						
4-Methylphenol	µg/kg					82 J	
4-Nitroaniline	µg/kg					220 U	
4-Nitrophenol	µg/kg					220 U	
5-Methylene-5h-dibenzo[a,d]cycloheptene	µg/kg						
5-Propyl tridecane	µg/kg						
7-Methyl tridecane	µg/kg						
9-Octylheptadecane	µg/kg						
Acenaphthene	µg/kg		380 UJ	330 UJ	170 J	86 U	430 J
Acenaphthylene	µg/kg		760 UJ	660 UJ	560 UJ	86 U	1,600 UJ

Table I-3. (cont.)

Analyte	Units	Date / Station	8/10/92 S71	8/10/92 S72	8/10/92 S73	8/11/92 S100	8/11/92 S103
Anthracene	µg/kg		38 UJ	58 J	28 UJ	86 U	45 J
Benz(a)anthracene	µg/kg		38 UJ	180 J	16 J	86 U	58 J
Benzo(a)pyrene	µg/kg		24 J	130 J	26 J	86 U	54 J
Benzo(b)fluoranthene	µg/kg		63 J	500 J	80 J	86 U	300 J
Benzo(g,h,i)perylene	µg/kg		76 UJ	360 J	120 J	86 U	350 J
Benzo(k)fluoranthene	µg/kg		21 J	130 J	22 J	86 U	50 J
Benzo[e]pyrene	µg/kg						
Beta-methyl-beta-phenyl-benzeneethanol	µg/kg						
Bis(2-chloroethoxy)methane	µg/kg					86 U	
Bis(2-chloroethyl)ether	µg/kg					86 U	
Bis(2-ethylhexyl)phthalate	µg/kg					22 J	
Butylbenzylphthalate	µg/kg					86 U	
Carbazole	µg/kg					86 U	
Chrysene	µg/kg		26 J	310 J	35 J	86 U	130 J
Cyclohexyl benzene	µg/kg						
Cyclopentyl benzene	µg/kg						
Dibenz(a,h)anthracene	µg/kg		76 UJ	73 J	56 UJ	86 U	160 UJ
Dibenzofuran	µg/kg					86 U	
Dichlorobenzene, non-specific	µg/kg		11 UJ	10 UJ	8.0 U	86 U	23 UJ
Dichlorobenzenes (Sum)	µg/kg		11 U	10 U	8.0 U	86 U	23 U
Diethylphthalate	µg/kg					86 U	
Dimethylphthalate	µg/kg					86 U	
Di-n-butylphthalate	µg/kg					86 U	
Di-n-octylphthalate	µg/kg					86 U	
Fluoranthene	µg/kg		91 J	930 J	120 J	86 U	500 J
Fluorene	µg/kg		76 UJ	73 J	56 UJ	86 U	54 J
Heptadecane	µg/kg						
Hexachlorobenzene	µg/kg					86 U	
Hexachlorobutadiene	µg/kg					86 U	
Hexachlorocyclopentadiene	µg/kg					86 U	
Hexachloroethane	µg/kg					86 U	
Hexadecane	µg/kg						
Indeno(1,2,3-cd)pyrene	µg/kg		38 UJ	33 UJ	28 UJ	86 U	78 UJ
Isophorone	µg/kg					86 U	
Naphthalene	µg/kg		380 UJ	420 J	280 UJ	86 U	780 UJ
Nitrobenzene	µg/kg					86 U	
N-nitroso-di-n-propylamine	µg/kg					86 U	
N-Nitrosodiphenylamine(1)	µg/kg					86 U	
PAH-high MW	µg/kg						
PAH-low MW	µg/kg						
Pentachlorophenol	µg/kg					220 U	
Phenanthrene	µg/kg		38 UJ	200 J	28 UJ	86 U	48 J
Phenol	µg/kg					45 J	
Pyrene	µg/kg		38 UJ	490 J	48 J	86 U	160 J
Total benzofluoranthenes (b + k)	µg/kg						
Trichlorobenzene	µg/kg		11 UJ	10 UJ	8.0 U		23 UJ
Trichlorobenzenes (Sum)	µg/kg		11 U	10 U	8.0 U	86 U	23 U

Table I-3. (cont.)

Analyte	Units	Date Station	8/10/92 S71	8/10/92 S72	8/10/92 S73	8/11/92 S100	8/11/92 S103
Pesticides and PCBs							
4,4'-DDD	µg/kg					6.4 U	
4,4'-DDE	µg/kg					6.4 U	
4,4'-DDT	µg/kg					6.4 U	
Aldrin	µg/kg					3.3 U	
alpha-BHC	µg/kg					3.3 U	
alpha-Chlordane	µg/kg					3.3 U	
Aroclor-1016	µg/kg		77 U	67 U	56 U	64 U	160 UJ
Aroclor-1221	µg/kg		77 U	67 U	56 U	130 U	160 UJ
Aroclor-1232	µg/kg		77 U	67 U	56 U	64 U	160 UJ
Aroclor-1242	µg/kg		77 U	67 U	56 U	64 U	160 UJ
Aroclor-1248	µg/kg		77 U	34 J	56 U	64 U	160 UJ
Aroclor-1254	µg/kg		77 U	67 U	56 U	64 U	160 UJ
Aroclor-1260	µg/kg		77 U	67 U	56 U	64 U	160 UJ
beta-BHC	µg/kg					3.3 U	
Chlordane (Sum)	µg/kg					3.3 U	
DDT and metabolites	µg/kg					6.4 U	
delta-BHC	µg/kg					3.3 U	
Dieldrin	µg/kg					6.4 U	
Endosulfan I	µg/kg					3.3 U	
Endosulfan II	µg/kg					6.4 U	
Endosulfan sulfate	µg/kg					6.4 U	
Endrin aldehyde	µg/kg					6.4 U	
Endrin ketone	µg/kg					6.4 U	
Endrin	µg/kg					6.4 U	
gamma-BHC (Lindane)	µg/kg					3.3 U	
gamma-Chlordane	µg/kg					3.3 U	
Heptachlor epoxide	µg/kg					3.3 U	
Heptachlor	µg/kg					3.3 U	
Methoxychlor	µg/kg					33 U	
PCBs (Sum)	µg/kg		77 U	68	56 U	64 U	160 U
Polychlorinated biphenyls	µg/kg		77 U	34 J	56 U	64 U	160 UJ
Toxaphene	µg/kg					330 U	

Table I-3. (cont.)

Analyte	Units	Date Station	8/11/92 S86	8/11/92 S90	8/11/92 S95	8/12/92 S15	8/12/92 S24	8/12/92 S25	8/12/92 S3	9/14/92 S57	9/14/92 S58
Conventional Analytes											
Acid-volatile sulfide	mg/kg		2,400	3,200	60	1,800	3,000	4,800	2,200	3,800 J	2,567 M
Calcium carbonate	%-dw		57	58	90	80	50	41	57	56	55 M
Chloride-Calculated	mg/kg		1,082	746	540	385	590	710	346	884	767 M
Chloride-Measured	mg/kg		3,300	2,300	580	510	1,900	2,000	390	2,800	2,333 M
Percent moisture	%-ww		75	76	52	57	76	74	53	76	75 M
Total organic carbon	%-dw		2.9	2.9	0.9	1.9	2.6	2.0	1.8	3.3	3.3 M
Total solids	%-ww		25	25 M	48	43 M	24	26	47	24	25 M
Percent clay	%-ww		7.6	6.7	1.0	3.5	5.5	7.6	3.0	6.1	7.1 M
Percent fines (clay & silt)	%-dw		98	95	6.2	82	93	97	38	94	93 M
Percent sand	%-ww		0.6	0.8	46	7.2	1.6	0.9	29	1.1	0.7 M
Percent silt	%-ww		17	17	2.0	32	17	18	15	16	16 M
Metals											
Aluminum	mg/kg			3,270		1,640					
Antimony	mg/kg			7.2 UJ		3.1 BJ					
Arsenic	mg/kg			3.7 B		3.7					
Barium	mg/kg			88 B		104					
Beryllium	mg/kg			0.7 U		0.2 U					
Cadmium	mg/kg		2.1 B	1.7 B	5.8	2.5	3.9	3.4	4.0	2.2 B	2.6 M
Calcium	mg/kg		227,000	187,000	311,000	281,000	193,000	147,000	195,000	203,000	189,000 M
Chromium	mg/kg		38	36	76	48	85	66	84	56	57 M
Cobalt	mg/kg			5.9 B		2.9 B					
Copper	mg/kg		44	41	32	49	79	81	63	49	52 M
Cyanide	mg/kg			3.7 U		1.9 U					
Iron	mg/kg			9,990		3,880					
Lead	mg/kg		42 J	45	22 J	145	87 J	78 J	121 J	60	60 M
Magnesium	mg/kg		5,190	4,720	2,600	5,040	8,600	10,200	7,900	5,850	4,973 M
Manganese	mg/kg			240 J		204 J					
Mercury	mg/kg		2.8	2.9	3.0	69	5.0	3.1	18	3.6	2.8 M
Nickel	mg/kg		22 B	22 B	6.2 B	29	23 B	21 B	48	27 B	27 M
Potassium	mg/kg			460 B		139 B					
Selenium	mg/kg			1.1 B		0.4 B					
Silver	mg/kg			1.3 UJ		2.3 J					
Sodium	mg/kg			1,720 B		1,830					
Thallium	mg/kg			0.5 U		0.4 B					
Vanadium	mg/kg			7.7 B		2.5 B					
Zinc	mg/kg		139 J	124	106 J	95	195 J	202 J	186 J	150 J	149 M
Volatile Organic Compounds											
1,1,1-Trichloroethane	µg/kg			62 U		3,400 U					
1,1,2,2-Tetrachloroethane	µg/kg			62 U		3,400 U					
1,1,2-Trichloroethane	µg/kg			62 U		3,400 U					
1,1-Dichloroethane	µg/kg			62 U		3,400 U					
1,1-Dichloroethene	µg/kg			62 U		3,400 U					
1,2-Dichloroethane	µg/kg			62 U		3,400 U					
1,2-Dichloroethene (Total)	µg/kg			62 U		3,400 U					
1,2-Dichloropropane	µg/kg			62 U		3,400 U					
2-Butanone	µg/kg			160 JN		3,400 U					
2-Hexanone	µg/kg			62 U		3,400 UJ					

Table I-3. (cont.)

Analyte	Units	Date / Station	8/11/92 S86	8/11/92 S90	8/11/92 S95	8/12/92 S15	8/12/92 S24	8/12/92 S25	8/12/92 S3	9/14/92 S57	9/14/92 S58
4-Methyl-2-pentanone	µg/kg			62 U		3,400 U					
Acetone	µg/kg			1,100 J		3,400 UJ					
Benzene	µg/kg			62 U	10 UJ	3,400 U	30 J	16 J		21 J	11 M
Bromodichloromethane	µg/kg			62 U		3,400 U					
Bromoform	µg/kg			62 U		3,400 U					
Bromomethane	µg/kg			62 U		3,400 U					
Carbon disulfide	µg/kg			62 U		3,400 U					
Carbon Tetrachloride	µg/kg			62 U		3,400 U					
Chlorobenzene	µg/kg			62 U	10 UJ	43,000	100 J	50 J		21 UJ	17 M
Chloroethane	µg/kg			62 U		3,400 U					
Chloroform	µg/kg			62 U		3,400 U					
Chloromethane	µg/kg			62 U		3,400 U					
Cis-1,3-dichloropropene	µg/kg			62 U		3,400 U					
Dibromochloromethane	µg/kg			62 U		3,400 U					
Ethylbenzene	µg/kg			62 U	10 UJ	3,400 U	20 UJ	19 UJ		21 UJ	19 UM
Isopropanol	µg/kg										
Methylene chloride	µg/kg			62 U		3,400 U					
Pentachloro benzene	µg/kg		13 UJ				14 UJ	12 UJ	34 J	6.9 U	4.4 M
Styrene	µg/kg			62 U		3,400 U					
Tetrachlorobenzene (mixed)	µg/kg		9.9 J				14 UJ	12 UJ	90 J	6.9 U	7.2 UM
Tetrachloroethene	µg/kg			62 U		3,400 U					
Toluene	µg/kg			62 U	26 J	3,400 U	21 J	18 J		15 J	16 M
Trans-1,3-dichloropropene	µg/kg			62 U		3,400 U					
Trichloroethene	µg/kg			62 U		3,400 U					
Vinyl chloride	µg/kg			62 U		3,400 U					
Xylene (Total)	µg/kg			62 U	10 UJ	3,400 U	20 UJ	19 UJ		21 UJ	19 UM
Semivolatile Organic Compounds											
1,1'-(1-methylethylidene)bis-benzene	µg/kg										
1,1'(3methyl1propene1,3diyl)bis-benzene	µg/kg					62,000 J					
1,2,3,4-Tetrachlorobenzene	µg/kg		13 UJ				14 UJ	12 UJ	37 J	6.9 U	4.7
1,2,3-Trichlorobenzene	µg/kg				10 UJ		20 UJ	19 UJ		21 UJ	19 U
1,2,3-Trimethyl-4-propenyl naphthalene	µg/kg										
1,2,4-Trichlorobenzene	µg/kg			370 U	10 UJ	10,000 UJ	20 UJ	19 UJ		21 UJ	19 U
1,2-Dichlorobenzene	µg/kg			370 U	10 UJ	10,000 UJ	20 UJ	19 UJ		21 UJ	19 U
1,2-Dimethylnaphthalene	µg/kg										
1,3,5-Trichlorobenzene	µg/kg				10 UJ		20 UJ	19 UJ		21 UJ	19 U
1,3-Dichlorobenzene	µg/kg			370 U	10 UJ	6,800 J	20 UJ	19 UJ		21 UJ	19 U
1,4,5-Trimethylnaphthalene	µg/kg										
1,4-Dichlorobenzene	µg/kg			370 U	10 UJ	16,000 J	64 J	38 J		21 UJ	10
1,4-Dimethyl naphthalene	µg/kg										
1,6-Dimethyl naphthalene	µg/kg			540							
11h-Benzo[a]fluorene	µg/kg										
11h-Benzo[b]fluorene	µg/kg										
1-Methyl phenanthrene	µg/kg										
1-Methylhexyl benzene	µg/kg					11,000 J					
1-Methylnaphthalene	µg/kg			770 J		34,000 J					
1-Methylpyrene	µg/kg										
2,2'-Oxybis(1-chloropropane)	µg/kg			370 U		10,000 UJ					

Table I-3. (cont.)

Analyte	Units	Date / Station	8/11/92 S86	8/11/92 S90	8/11/92 S95	8/12/92 S15	8/12/92 S24	8/12/92 S25	8/12/92 S3	9/14/92 S57	9/14/92 S58
2,3,6-Trimethyl octane	µg/kg										
2,3-Dihydro-1h-inden-1-one	µg/kg					11,000 J					
2,3-Dihydro-1-methyl-3-phenyl-1h-inden,	µg/kg					21,000 J					
2,4,5-Trichlorophenol	µg/kg			920 U		26,000 UJ					
2,4,6-Trichlorophenol	µg/kg			370 U		10,000 UJ					
2,4-Dichlorophenol	µg/kg			370 U		10,000 UJ					
2,4-Dimethylphenol	µg/kg			370 U		10,000 UJ					
2,4-Dinitrophenol	µg/kg			920 U		26,000 UJ					
2,4-Dinitrotoluene	µg/kg			370 U		10,000 UJ					
2,5-bis(1,1-dimethyletyl)-thiophene	µg/kg										
2,6,11-Trimethyldodecane	µg/kg										
2,6-Dinitrotoluene	µg/kg			370 U		10,000 UJ					
2,7,10-Trimethyldodecane	µg/kg										
2-Chloronaphthalene	µg/kg			370 U		10,000 UJ					
2-Chlorophenol	µg/kg			370 U		10,000 UJ					
2-Ethenyl naphthalene	µg/kg										
2-Ethyl-1-hexanamine	µg/kg			1,000							
2-Ethyl-1-hexanol	µg/kg										
2-Methyl-4,6-dinitrophenol	µg/kg			920 U		26,000 UJ					
2-Methylnaphthalene	µg/kg			370 U		10,000 UJ					
2-Methylphenol	µg/kg			370 U		10,000 UJ					
2-Nitroaniline	µg/kg			920 U		26,000 UJ					
2-Nitrophenol	µg/kg			370 U		10,000 UJ					
2-Phenyl naphthalene	µg/kg										
3-(2-Phenylethenly)-benzenamine	µg/kg					39,000 J					
3,3-Dichlorobenzidine	µg/kg			370 U		10,000 UJ					
3,6-Dimethyl undecane	µg/kg										
3-Methyl phenanthrene	µg/kg										
3-Methylcyclopentylbenzene	µg/kg										
3-Nitroaniline	µg/kg			920 U		26,000 UJ					
4,6-Dimethyl undecane	µg/kg										
4,9-Dipropyldodecane	µg/kg										
4-Bromophenyl-phenyl ether	µg/kg			370 U		10,000 UJ					
4-Chloro-3-methylphenol	µg/kg			370 U		10,000 UJ					
4-Chloroaniline	µg/kg			370 U		10,000 UJ					
4-Chlorophenyl-phenyl ether	µg/kg			370 U		10,000 UJ					
4-Methyl-biphenyl	µg/kg					11,000					
4-Methylphenol	µg/kg			370 U		10,000 UJ					
4-Nitroaniline	µg/kg			920 U		26,000 UJ					
4-Nitrophenol	µg/kg			920 U		26,000 UJ					
5-Methylene-5h-dibenzo[a,d]cycloheptene	µg/kg										
5-Propyl tridecane	µg/kg										
7-Methyl tridecane	µg/kg										
9-Octylheptadecane	µg/kg										
Acenaphthene	µg/kg		1,700	370 U	340 U	10,000 UJ	550 J	850 J	1,800 UJ		
Acenaphthylene	µg/kg		1,300 U	370 U	680 U	10,000 UJ	2,500 J	1,100 J	3,500 UJ		
Anthracene	µg/kg		40 J	370 U	18 J	10,000 UJ	190 J	170 J	680 J		
Benz(a)anthracene	µg/kg		88	370 U	97	10,000 UJ	390 J	440 J	920 J		

Table I-3. (cont.)

Analyte	Units	Date / Station	8/11/92 S86	8/11/92 S90	8/11/92 S95	8/12/92 S15	8/12/92 S24	8/12/92 S25	8/12/92 S3	9/14/92 S57	9/14/92 S58
Benzo(a)pyrene	µg/kg		77	110 J	65	10,000 UJ	180 J	250 J	490 J		
Benzo(b)fluoranthene	µg/kg		430	370 U	400	10,000 UJ	1,800 J	2,700 J	2,700 J		
Benzo(g,h,i)perylene	µg/kg		440	370 U	390	10,000 UJ	1,200 J	1,500 J	3,100 J		
Benzo(k)fluoranthene	µg/kg		70	370 U	80	10,000 UJ	290 J	450 J	530 J		
Benzo[e]pyrene	µg/kg										
Beta-methyl-beta-phenyl-benzeneethanol	µg/kg										
Bis(2-chloroethoxy)methane	µg/kg			370 U		10,000 UJ					
Bis(2-chloroethyl)ether	µg/kg			370 U		10,000 UJ					
Bis(2-ethylhexyl)phthalate	µg/kg			540		10,000 UJ					
Butylbenzylphthalate	µg/kg			370 U		10,000 UJ					
Carbazole	µg/kg			370 U		10,000 UJ					
Chrysene	µg/kg		200	120 J	200	10,000 UJ	950 J	1,200 J	870 J		
Cyclohexyl benzene	µg/kg					13,000					
Cyclopentyl benzene	µg/kg										
Dibenz(a,h)anthracene	µg/kg		53 J	370 U	53 J	10,000 UJ	140 UJ	130 UJ	350 UJ		
Dibenzofuran	µg/kg			370 U		10,000 UJ					
Dichlorobenzene, non-specific	µg/kg			370 U	10 UJ	22,800 J	64 J	38 J		21 UJ	10
Dichlorobenzenes (Sum)	µg/kg			370 U	10 U	22,800	64	38		21 U	10
Diethylphthalate	µg/kg			370 U		10,000 UJ					
Dimethylphthalate	µg/kg			370 U		10,000 UJ					
Di-n-butylphthalate	µg/kg			370 U		10,000 UJ					
Di-n-octylphthalate	µg/kg			370 U		10,000 UJ					
Fluoranthene	µg/kg		780	140 J	780	2,300 J	1,100 J	1,400 J	350 UJ		
Fluorene	µg/kg		130 U	370 U	47 J	10,000 UJ	100 J	120 J	600 J		
Heptadecane	µg/kg										
Hexachlorobenzene	µg/kg		13 UJ	370 U		10,000 UJ	14 UJ	12 UJ	290 J	7.5 UJ	3.8
Hexachlorobutadiene	µg/kg			370 U		10,000 UJ					
Hexachlorocyclopentadiene	µg/kg			370 U		10,000 UJ					
Hexachloroethane	µg/kg			370 U		10,000 UJ					
Hexadecane	µg/kg			310 J							
Indeno(1,2,3-cd)pyrene	µg/kg		410	370 U	61	10,000 UJ	380 J	440 J	480 J		
Isophorone	µg/kg			370 U		10,000 UJ					
Naphthalene	µg/kg		460 J	370 U	340 U	23,000 J	1,100 J	1,400 J	1,100 J		
Nitrobenzene	µg/kg			370 U		10,000 UJ					
N-nitroso-di-n-propylamine	µg/kg			370 U		10,000 UJ					
N-Nitrosodiphenylamine(1)	µg/kg			370 U		10,000 UJ					
PAH-high MW	µg/kg					37,300 J					
PAH-low MW	µg/kg					45,400 J					
Pentachlorophenol	µg/kg			920 U		26,000 UJ					
Phenanthrene	µg/kg		63 J	94 J	17 J	2,400 J	450 J	500 J	480 J		
Phenol	µg/kg			370 U		10,000 UJ					
Pyrene	µg/kg		250	170 J	240	10,000 UJ	1,100 J	1,300 J	2,700 J		
Total benzofluoranthenes (b + k)	µg/kg					20,000 UJ					
Trichlorobenzene	µg/kg				10 UJ		20 UJ	19 UJ		21 UJ	19 U
Trichlorobenzenes (Sum)	µg/kg			370 U	10 U	10,000 U	20 U	19 U		21 U	19 U
Pesticides and PCBs											
4,4'-DDD	µg/kg			14 UJ		7.6 UJ					
4,4'-DDE	µg/kg			14 UJ		7.6 UJ					

Table I-3. (cont.)

Analyte	Units	Date Station	8/11/92 S86	8/11/92 S90	8/11/92 S95	8/12/92 S15	8/12/92 S24	8/12/92 S25	8/12/92 S3	9/14/92 S57	9/14/92 S58
4,4'-DDT	µg/kg			14 UJ		7.6 UJ					
Aldrin	µg/kg			7.0 UJ		3.9 UJ					
alpha-BHC	µg/kg			7.0 UJ		3.9 UJ					
alpha-Chlordane	µg/kg			7.0 UJ		3.9 UJ					
Aroclor-1016	µg/kg		130 U	90 J	65 U	180 J	140 U	120 U	340 UJ	69 UJ	67 UM
Aroclor-1221	µg/kg		130 U	280 UJ	65 U	150 UJ	140 U	120 U	340 U	69 U	67 UM
Aroclor-1232	µg/kg		130 U	140 UJ	65 U	76 UJ	140 U	120 U	340 UJ	69 UJ	67 UM
Aroclor-1242	µg/kg		130 U	140 UJ	65 U	76 UJ	140 U	120 U	340 UJ	69 UJ	67 UM
Aroclor-1248	µg/kg		130 U	140 UJ	65 U	76 UJ	80 J	85 J	750	130 J	70 M
Aroclor-1254	µg/kg		130 U	140 UJ	65 U	76 UJ	140 U	120 U	340 U	69 UJ	67 UM
Aroclor-1260	µg/kg		130 U	140 UJ	65 U	220 J	140 U	120 U	900	57 J	39 M
beta-BHC	µg/kg			7.0 UJ		3.9 UJ					
Chlordane (Sum)	µg/kg			7.0 U		3.9 U					
DDT and metabolites	µg/kg			14 U		7.6 U					
delta-BHC	µg/kg			7.0 UJ		3.9 UJ					
Dieldrin	µg/kg			14 UJ		7.6 UJ					
Endosulfan I	µg/kg			7.0 UJ		3.9 UJ					
Endosulfan II	µg/kg			14 UJ		7.6 UJ					
Endosulfan sulfate	µg/kg			14 UJ		7.6 UJ					
Endrin aldehyde	µg/kg			14 UJ		7.6 UJ					
Endrin ketone	µg/kg			14 UJ		7.6 UJ					
Endrin	µg/kg			14 UJ		7.6 UJ					
gamma-BHC (Lindane)	µg/kg			7.0 UJ		3.9 UJ					
gamma-Chlordane	µg/kg			7.0 UJ		3.9 UJ					
Heptachlor epoxide	µg/kg			7.0 UJ		3.9 UJ					
Heptachlor	µg/kg			7.0 UJ		3.9 UJ					
Methoxychlor	µg/kg			70 UJ		39 UJ					
PCBs (Sum)	µg/kg		130 U	160	65 U	400	150	145	1,650	187	109 M
Polychlorinated biphenyls	µg/kg		130 U	90 J	65 U	400 J	80 J	85 J	1,650	187 J	86 M
Toxaphene	µg/kg			700 UJ		390 UJ					

Table I-3. (cont.)

Analyte	Units	Date / Station	9/14/92 S59	9/15/92 S41	9/15/92 S42	9/15/92 S43	9/15/92 S44	9/15/92 S49	9/15/92 S50	9/15/92 S52	9/15/92 S60
Conventional Analytes											
Acid-volatile sulfide	mg/kg		1,700 J	3,500 J	2,900 J	3,800 J	3,400 J	3,300 J	4,000 J	3,500 J	3,600 J
Calcium carbonate	%-dw		57	57	52	53	47	52	51	47	50
Chloride-Calculated	mg/kg		877	1,122	796	821	751	895	701	642	871
Chloride-Measured	mg/kg		2,300	2,900	2,400	2,300	2,500	3,100	2,400	2,400	3,200
Percent moisture	%-ww		72	72	75	74	77	78	77	79	79
Total organic carbon	%-dw		3.3	3.3	3.1	3.0	3.3	3.2	3.3	3.7	3.3
Total solids	%-ww		28	28	25	26	23	22	23	21	21
Percent clay	%-ww		8.7	7.9	7.4	7.7	6.7	5.6	6.4	6.6	5.7
Percent fines (clay & silt)	%-dw		96	94	94	95	93	94	92	93	92
Percent sand	%-ww		0.6	1.0	0.9	0.8	1.2	0.9	0.9	0.6	1.3
Percent silt	%-ww		18	18	16	17	15	15	15	13	14
Metals											
Aluminum	mg/kg										
Antimony	mg/kg										
Arsenic	mg/kg										
Barium	mg/kg										
Beryllium	mg/kg										
Cadmium	mg/kg		3.3	2.4	2.2 B	2.2 B	2.6 B	2.7 B	1.5 B	2.5 B	3.0
Calcium	mg/kg		203,000	198,000	181,000	181,000	180,000	199,000	167,000	178,000	181,000
Chromium	mg/kg		66	65	66	64	69	64	55	65	62
Cobalt	mg/kg										
Copper	mg/kg		55	51	54	56	66	54	47	61	57
Cyanide	mg/kg										
Iron	mg/kg										
Lead	mg/kg		64	57	58	55	74	61	56	72	67
Magnesium	mg/kg		4,590	4,940	5,600	5,150	6,500	6,190	5,870	6,660	6,140
Manganese	mg/kg										
Mercury	mg/kg		2.5	2.6	2.8	2.4	2.5	3.0	3.4	2.8	2.4
Nickel	mg/kg		30	29	28 B	26 B	24 B	25 B	27 B	24 B	26
Potassium	mg/kg										
Selenium	mg/kg										
Silver	mg/kg										
Sodium	mg/kg										
Thallium	mg/kg										
Vanadium	mg/kg										
Zinc	mg/kg		156 J	140 J	155 J	151 J	178 J	159 J	146 J	176 J	163 J
Volatile Organic Compounds											
1,1,1-Trichloroethane	µg/kg										
1,1,2,2-Tetrachloroethane	µg/kg										
1,1,2-Trichloroethane	µg/kg										
1,1-Dichloroethane	µg/kg										
1,1-Dichloroethene	µg/kg										
1,2-Dichloroethane	µg/kg										
1,2-Dichloroethene (Total)	µg/kg										
1,2-Dichloropropane	µg/kg										
2-Butanone	µg/kg										
2-Hexanone	µg/kg										

Table I-3. (cont.)

Analyte	Units	Date Station	9/14/92 S59	9/15/92 S41	9/15/92 S42	9/15/92 S43	9/15/92 S44	9/15/92 S49	9/15/92 S50	9/15/92 S52	9/15/92 S60
4-Methyl-2-pentanone	µg/kg										
Acetone	µg/kg										
Benzene	µg/kg		14 J	9.0 J	17 J	19 UJ	21 UJ	21 J	22 U	23 U	25 UJ
Bromodichloromethane	µg/kg										
Bromoform	µg/kg										
Bromomethane	µg/kg										
Carbon disulfide	µg/kg										
Carbon Tetrachloride	µg/kg										
Chlorobenzene	µg/kg		23 J	19 UJ	39	36 J	33 J	29	22 U	23 U	25 UJ
Chloroethane	µg/kg										
Chloroform	µg/kg										
Chloromethane	µg/kg										
Cis-1,3-dichloropropene	µg/kg										
Dibromochloromethane	µg/kg										
Ethylbenzene	µg/kg		17 UJ	19 UJ	19 U	19 UJ	21 UJ	22 U	22 U	23 U	25 UJ
Isopropanol	µg/kg										
Methylene chloride	µg/kg										
Pentachloro benzene	µg/kg		6.0 U	5.1 JU	6.6 UJ	6.3 U	7.1 UJ	7.3 UJ	7.3 UJ	3.5 U	7.7 UJ
Styrene	µg/kg										
Tetrachlorobenzene (mixed)	µg/kg		6.1 BU	6.0 UJ	6.6 UJ	6.3 U	7.1 UJ	7.3 UJ	7.3 UJ	7.8 U	7.7 UJ
Tetrachloroethene	µg/kg										
Toluene	µg/kg		17 J	11 J	10 J	15 J	21 UJ	11 J	11 J	11 J	25 UJ
Trans-1,3-dichloropropene	µg/kg										
Trichloroethene	µg/kg										
Vinyl chloride	µg/kg										
Xylene (Total)	µg/kg		17 UJ	19 UJ	19 U	19 UJ	21 UJ	22 U	22 U	23 U	25 UJ
Semivolatile Organic Compounds											
1,1'-(1-methylethylidene)bis-benzene	µg/kg										
1,1'(3methyl1propene1,3diyl)bis-benzene	µg/kg										
1,2,3,4-Tetrachlorobenzene	µg/kg		6.0 U	7.9 J	3.6 JU	3.2 U	7.1 UJ	5.2 JU	4.1 JU	4.9 U	7.7 UJ
1,2,3-Trichlorobenzene	µg/kg		17 UJ	19 UJ	19 U	19 UJ	21 UJ	22 U	22 U	23 U	25 UJ
1,2,3-Trimethyl-4-propenyl naphthalene	µg/kg										
1,2,4-Trichlorobenzene	µg/kg		17 UJ	19 UJ	19 U	19 UJ	21 UJ	22 U	22 U	23 U	25 UJ
1,2-Dichlorobenzene	µg/kg		17 UJ	19 UJ	19 U	19 UJ	21 UJ	22 U	22 U	23 U	25 UJ
1,2-Dimethylnaphthalene	µg/kg										
1,3,5-Trichlorobenzene	µg/kg		17 UJ	19 UJ	19 U	19 UJ	21 UJ	22 U	22 U	23 U	25 UJ
1,3-Dichlorobenzene	µg/kg		17 UJ	19 UJ	19 U	19 UJ	21 UJ	22 U	22 U	23 U	25 UJ
1,4,5-Trimethylnaphthalene	µg/kg										
1,4-Dichlorobenzene	µg/kg		17 UJ	19 UJ	20	25 J	36 J	22 U	22 U	23 U	25 UJ
1,4-Dimethyl naphthalene	µg/kg										
1,6-Dimethyl naphthalene	µg/kg										
11h-Benzo[a]fluorene	µg/kg										
11h-Benzo[b]fluorene	µg/kg										
1-Methyl phenanthrene	µg/kg										
1-Methylhexyl benzene	µg/kg										
1-Methylnaphthalene	µg/kg										
1-Methylpyrene	µg/kg										
2,2'-Oxybis(1-chloropropane)	µg/kg										

Table I-3. (cont.)

Analyte	Units	Date Station	9/14/92 S59	9/15/92 S41	9/15/92 S42	9/15/92 S43	9/15/92 S44	9/15/92 S49	9/15/92 S50	9/15/92 S52	9/15/92 S60
2,3,6-Trimethyl octane	µg/kg										
2,3-Dihydro-1h-inden-1-one	µg/kg										
2,3-Dihydro-1-methyl-3-phenyl-1h-inden,	µg/kg										
2,4,5-Trichlorophenol	µg/kg										
2,4,6-Trichlorophenol	µg/kg										
2,4-Dichlorophenol	µg/kg										
2,4-Dimethylphenol	µg/kg										
2,4-Dinitrophenol	µg/kg										
2,4-Dinitrotoluene	µg/kg										
2,5-bis(1,1-dimethyletyl)-thiophene	µg/kg										
2,6,11-Trimethyldodecane	µg/kg										
2,6-Dinitrotoluene	µg/kg										
2,7,10-Trimethyldodecane	µg/kg										
2-Chloronaphthalene	µg/kg										
2-Chlorophenol	µg/kg										
2-Ethenyl naphthalene	µg/kg										
2-Ethyl-1-hexanamine	µg/kg										
2-Ethyl-1-hexanol	µg/kg										
2-Methyl-4,6-dinitrophenol	µg/kg										
2-Methylnaphthalene	µg/kg										
2-Methylphenol	µg/kg										
2-Nitroaniline	µg/kg										
2-Nitrophenol	µg/kg										
2-Phenyl naphthalene	µg/kg										
3-(2-Phenylethenly)-benzenamine	µg/kg										
3,3-Dichlorobenzidine	µg/kg										
3,6-Dimethyl undecane	µg/kg										
3-Methyl phenanthrene	µg/kg										
3-Methylcyclopentylbenzene	µg/kg										
3-Nitroaniline	µg/kg										
4,6-Dimethyl undecane	µg/kg										
4,9-Dipropyldodecane	µg/kg										
4-Bromophenyl-phenyl ether	µg/kg										
4-Chloro-3-methylphenol	µg/kg										
4-Chloroaniline	µg/kg										
4-Chlorophenyl-phenyl ether	µg/kg										
4-Methyl-biphenyl	µg/kg										
4-Methylphenol	µg/kg										
4-Nitroaniline	µg/kg										
4-Nitrophenol	µg/kg										
5-Methylene-5h-dibenzo[a,d]cycloheptene	µg/kg										
5-Propyl tridecane	µg/kg										
7-Methyl tridecane	µg/kg										
9-Octylheptadecane	µg/kg										
Acenaphthene	µg/kg										
Acenaphthylene	µg/kg										
Anthracene	µg/kg										
Benz(a)anthracene	µg/kg										

Table I-3. (cont.)

Analyte	Units	Date / Station	9/14/92 S59	9/15/92 S41	9/15/92 S42	9/15/92 S43	9/15/92 S44	9/15/92 S49	9/15/92 S50	9/15/92 S52	9/15/92 S60
Benzo(a)pyrene	µg/kg										
Benzo(b)fluoranthene	µg/kg										
Benzo(g,h,i)perylene	µg/kg										
Benzo(k)fluoranthene	µg/kg										
Benzo[e]pyrene	µg/kg										
Beta-methyl-beta-phenyl-benzeneethanol	µg/kg										
Bis(2-chloroethoxy)methane	µg/kg										
Bis(2-chloroethyl)ether	µg/kg										
Bis(2-ethylhexyl)phthalate	µg/kg										
Butylbenzylphthalate	µg/kg										
Carbazole	µg/kg										
Chrysene	µg/kg										
Cyclohexyl benzene	µg/kg										
Cyclopentyl benzene	µg/kg										
Dibenz(a,h)anthracene	µg/kg										
Dibenzofuran	µg/kg										
Dichlorobenzene, non-specific	µg/kg		17 UJ	19 UJ	20	25 J	36 J	22 U	22 U	23 U	25 UJ
Dichlorobenzenes (Sum)	µg/kg		17 U	19 U	20	25	36	22 U	22 U	23 U	25 U
Diethylphthalate	µg/kg										
Dimethylphthalate	µg/kg										
Di-n-butylphthalate	µg/kg										
Di-n-octylphthalate	µg/kg										
Fluoranthene	µg/kg										
Fluorene	µg/kg										
Heptadecane	µg/kg										
Hexachlorobenzene	µg/kg		3.7 J	3.4 J	4.7 J	3.6 J	4.9 J	6.0 J	7.3 UJ	4.0 J	4.7 J
Hexachlorobutadiene	µg/kg										
Hexachlorocyclopentadiene	µg/kg										
Hexachloroethane	µg/kg										
Hexadecane	µg/kg										
Indeno(1,2,3-cd)pyrene	µg/kg										
Isophorone	µg/kg										
Naphthalene	µg/kg										
Nitrobenzene	µg/kg										
N-nitroso-di-n-propylamine	µg/kg										
N-Nitrosodiphenylamine(1)	µg/kg										
PAH-high MW	µg/kg										
PAH-low MW	µg/kg										
Pentachlorophenol	µg/kg										
Phenanthrene	µg/kg										
Phenol	µg/kg										
Pyrene	µg/kg										
Total benzofluoranthenes (b + k)	µg/kg										
Trichlorobenzene	µg/kg		17 UJ	19 UJ	19 U	19 UJ	21 UJ	22 U	22 U	23 U	25 UJ
Trichlorobenzenes (Sum)	µg/kg		17 U	19 U	19 U	19 U	21 U	22 U	22 U	23 U	25 U
Pesticides and PCBs											
4,4'-DDD	µg/kg										
4,4'-DDE	µg/kg										

Table I-3. (cont.)

Analyte	Units	Date Station	9/14/92 S59	9/15/92 S41	9/15/92 S42	9/15/92 S43	9/15/92 S44	9/15/92 S49	9/15/92 S50	9/15/92 S52	9/15/92 S60
4,4'-DDT	µg/kg										
Aldrin	µg/kg										
alpha-BHC	µg/kg										
alpha-Chlordane	µg/kg										
Aroclor-1016	µg/kg		60 UJ	60 UJ	66 U	63 UJ	71 U	73 UJ	73 UJ	78 U	77 UJ
Aroclor-1221	µg/kg		60 U	60 U	66 U	63 U	71 U	73 U	73 U	78 U	77 U
Aroclor-1232	µg/kg		60 UJ	60 UJ	66 U	63 UJ	71 U	73 UJ	73 UJ	78 U	77 UJ
Aroclor-1242	µg/kg		60 UJ	60 UJ	66 U	63 UJ	71 U	73 UJ	73 UJ	78 U	77 UJ
Aroclor-1248	µg/kg		150 J	71	120	140	150	110	62 J	79 J	120 J
Aroclor-1254	µg/kg		60 UJ	60 UJ	66 UJ	63 UJ	71 UJ	73 UJ	73 UJ	78 U	77 UJ
Aroclor-1260	µg/kg		70 J	40 J	72	73	77	59 J	73 U	78 U	59 J
beta-BHC	µg/kg										
Chlordane (Sum)	µg/kg										
DDT and metabolites	µg/kg										
delta-BHC	µg/kg										
Dieldrin	µg/kg										
Endosulfan I	µg/kg										
Endosulfan II	µg/kg										
Endosulfan sulfate	µg/kg										
Endrin aldehyde	µg/kg										
Endrin ketone	µg/kg										
Endrin	µg/kg										
gamma-BHC (Lindane)	µg/kg										
gamma-Chlordane	µg/kg										
Heptachlor epoxide	µg/kg										
Heptachlor	µg/kg										
Methoxychlor	µg/kg										
PCBs (Sum)	µg/kg		220	111	192	213	227	169	99	118	179
Polychlorinated biphenyls	µg/kg		220 J	111 J	192	213	227	169 J	62 J	79 J	179 J
Toxaphene	µg/kg										

Table I-3. (cont.)

Analyte	Units	Date Station	9/16/92 S101	9/16/92 S102	9/16/92 S106	9/16/92 S107	9/16/92 S96	9/16/92 S97	9/16/92 S98	9/16/92 S99	9/17/92 S23
Conventional Analytes											
Acid-volatile sulfide	mg/kg		500 J	3,500 J	2,800 J	4,400 J	4,500	3,100 J	3,600 J	1,600 J	4,700
Calcium carbonate	%-dw		91	60	66	58	57	59	59	59	53
Chloride-Calculated	mg/kg		427	826	770	600	755	871	791	707	502
Chloride-Measured	mg/kg		680	2,600	2,400	2,300	3,000	3,000	2,400	2,300	1,700
Percent moisture	%-ww		61	76	76	79	80	78	75	77	77
Total organic carbon	%-dw		0.8	3.2	2.9	3.0	3.2	3.6	3.2	3.0	3.1
Total solids	%-ww		39	24	24	21	20	23	25	24	23
Percent clay	%-ww		0.8	6.3	4.8	4.7	2.6	6.8	7.0	6.0	2.4
Percent fines (clay & silt)	%-dw		7.8	92	88	89	72	96	94	91	84
Percent sand	%-ww		36	1.0	2.4	1.6	4.9	0.7	0.7	1.7	3.2
Percent silt	%-ww		2.2	16	17	14	12	15	16	15	17
Metals											
Aluminum	mg/kg										
Antimony	mg/kg										
Arsenic	mg/kg										
Barium	mg/kg										
Beryllium	mg/kg										
Cadmium	mg/kg		1.8 B	1.7 B	1.5 B	2.3 B	1.0 U	1.8 B	1.8 B	2.1	3.0 B
Calcium	mg/kg		343,000	215,000	235,000	196,000	183,000	206,000	211,000	208,000	159,000
Chromium	mg/kg		27	44	38	42	34	42	48	45	91
Cobalt	mg/kg										
Copper	mg/kg		12 B	42	35	37	37	42	45	40	69
Cyanide	mg/kg										
Iron	mg/kg										
Lead	mg/kg		9.1	50	43	50	46 J	50	52	48	83
Magnesium	mg/kg		2,630	3,830	3,690	4,500	5,250	4,540	4,200	4,470	7,170
Manganese	mg/kg										
Mercury	mg/kg		0.9	1.9	1.8	0.9	3	3.6	2.5	2.2	6.1
Nickel	mg/kg		7.7 BU	27 BU	23 B	19 B	20 B	26 BU	28 U	25 U	21 B
Potassium	mg/kg										
Selenium	mg/kg										
Silver	mg/kg										
Sodium	mg/kg										
Thallium	mg/kg										
Vanadium	mg/kg										
Zinc	mg/kg		46 J	133 J	117 J	131 J	134 J	137 J	137 J	130 J	168 J
Volatile Organic Compounds											
1,1,1-Trichloroethane	µg/kg										
1,1,2,2-Tetrachloroethane	µg/kg										
1,1,2-Trichloroethane	µg/kg										
1,1-Dichloroethane	µg/kg										
1,1-Dichloroethene	µg/kg										
1,2-Dichloroethane	µg/kg										
1,2-Dichloroethene (Total)	µg/kg										
1,2-Dichloropropane	µg/kg										
2-Butanone	µg/kg										
2-Hexanone	µg/kg										

Table I-3. (cont.)

Analyte	Units	Date / Station	9/16/92 S101	9/16/92 S102	9/16/92 S106	9/16/92 S107	9/16/92 S96	9/16/92 S97	9/16/92 S98	9/16/92 S99	9/17/92 S23
4-Methyl-2-pentanone	µg/kg										
Acetone	µg/kg										
Benzene	µg/kg		13 U	20 UJ	20 UJ	24 UJ	23 UJ	23 UJ	19 UJ	21 U	55 J
Bromodichloromethane	µg/kg										
Bromoform	µg/kg										
Bromomethane	µg/kg										
Carbon disulfide	µg/kg										
Carbon Tetrachloride	µg/kg										
Chlorobenzene	µg/kg		13 U	20 UJ	20 UJ	24 UJ	23 UJ	23 UJ	19 UJ	21 U	150 J
Chloroethane	µg/kg										
Chloroform	µg/kg										
Chloromethane	µg/kg										
Cis-1,3-dichloropropene	µg/kg										
Dibromochloromethane	µg/kg										
Ethylbenzene	µg/kg		13 U	20 UJ	20 UJ	24 UJ	23 UJ	23 UJ	19 UJ	21 U	21 UJ
Isopropanol	µg/kg										
Methylene chloride	µg/kg										
Pentachloro benzene	µg/kg							7.3 UJ		6.9 UJ	7.7 BJU
Styrene	µg/kg										
Tetrachlorobenzene (mixed)	µg/kg							7.3 UJ		6.9 UJ	7.2 UJ
Tetrachloroethene	µg/kg										
Toluene	µg/kg		13 U	20 UJ	20 UJ	19 J	63 J	23 UJ	19 UJ	21 U	46 J
Trans-1,3-dichloropropene	µg/kg										
Trichloroethene	µg/kg										
Vinyl chloride	µg/kg										
Xylene (Total)	µg/kg		13 U	20 UJ	20 UJ	24 UJ	23 UJ	23 UJ	19 UJ	21 U	21 UJ
Semivolatile Organic Compounds											
1,1'-(1-methylethylidene)bis-benzene	µg/kg										
1,1'(3methyl1propene1,3diyl)bis-benzene	µg/kg										
1,2,3,4-Tetrachlorobenzene	µg/kg							7.3 UJ		6.9 UJ	12 J
1,2,3-Trichlorobenzene	µg/kg		13 U	20 UJ	20 UJ	24 UJ	23 UJ	23 UJ	19 UJ	21 U	21 UJ
1,2,3-Trimethyl-4-propenyl naphthalene	µg/kg										
1,2,4-Trichlorobenzene	µg/kg		13 U	20 UJ	20 UJ	24 UJ	23 UJ	23 UJ	19 UJ	21 U	21 UJ
1,2-Dichlorobenzene	µg/kg		13 U	20 UJ	20 UJ	24 UJ	23 UJ	23 UJ	19 UJ	21 U	33 J
1,2-Dimethylnaphthalene	µg/kg										
1,3,5-Trichlorobenzene	µg/kg		13 U	20 UJ	20 UJ	24 UJ	23 UJ	23 UJ	19 UJ	21 U	21 UJ
1,3-Dichlorobenzene	µg/kg		13 U	20 UJ	20 UJ	24 UJ	23 UJ	23 UJ	19 UJ	21 U	21 UJ
1,4,5-Trimethylnaphthalene	µg/kg										
1,4-Dichlorobenzene	µg/kg		13 U	20 UJ	20 UJ	24 UJ	23 UJ	23 UJ	19 UJ	21 U	130 J
1,4-Dimethyl naphthalene	µg/kg										
1,6-Dimethyl naphthalene	µg/kg										
11h-Benzo[a]fluorene	µg/kg										
11h-Benzo[b]fluorene	µg/kg										
1-Methyl phenanthrene	µg/kg										
1-Methylhexyl benzene	µg/kg										
1-Methylnaphthalene	µg/kg										
1-Methylpyrene	µg/kg										
2,2'-Oxybis(1-chloropropane)	µg/kg										

Table I-3. (cont.)

Analyte	Units	Date Station	9/16/92 S101	9/16/92 S102	9/16/92 S106	9/16/92 S107	9/16/92 S96	9/16/92 S97	9/16/92 S98	9/16/92 S99	9/17/92 S23
2,3,6-Trimethyl octane	µg/kg										
2,3-Dihydro-1h-inden-1-one	µg/kg										
2,3-Dihydro-1-methyl-3-phenyl-1h-inden,	µg/kg										
2,4,5-Trichlorophenol	µg/kg										
2,4,6-Trichlorophenol	µg/kg										
2,4-Dichlorophenol	µg/kg										
2,4-Dimethylphenol	µg/kg										
2,4-Dinitrophenol	µg/kg										
2,4-Dinitrotoluene	µg/kg										
2,5-bis(1,1-dimethyletyl)-thiophene	µg/kg										
2,6,11-Trimethyldodecane	µg/kg										
2,6-Dinitrotoluene	µg/kg										
2,7,10-Trimethyldodecane	µg/kg										
2-Chloronaphthalene	µg/kg										
2-Chlorophenol	µg/kg										
2-Ethenyl naphthalene	µg/kg										
2-Ethyl-1-hexanamine	µg/kg										
2-Ethyl-1-hexanol	µg/kg										
2-Methyl-4,6-dinitrophenol	µg/kg										
2-Methylnaphthalene	µg/kg										
2-Methylphenol	µg/kg										
2-Nitroaniline	µg/kg										
2-Nitrophenol	µg/kg										
2-Phenyl naphthalene	µg/kg										
3-(2-Phenylethenly)-benzenamine	µg/kg										
3,3-Dichlorobenzidine	µg/kg										
3,6-Dimethyl undecane	µg/kg										
3-Methyl phenanthrene	µg/kg										
3-Methylcyclopentylbenzene	µg/kg										
3-Nitroaniline	µg/kg										
4,6-Dimethyl undecane	µg/kg										
4,9-Dipropyldodecane	µg/kg										
4-Bromophenyl-phenyl ether	µg/kg										
4-Chloro-3-methylphenol	µg/kg										
4-Chloroaniline	µg/kg										
4-Chlorophenyl-phenyl ether	µg/kg										
4-Methyl-biphenyl	µg/kg										
4-Methylphenol	µg/kg										
4-Nitroaniline	µg/kg										
4-Nitrophenol	µg/kg										
5-Methylene-5h-dibenzo[a,d]cycloheptene	µg/kg										
5-Propyl tridecane	µg/kg										
7-Methyl tridecane	µg/kg										
9-Octylheptadecane	µg/kg										
Acenaphthene	µg/kg										
Acenaphthylene	µg/kg										
Anthracene	µg/kg										
Benz(a)anthracene	µg/kg										

Table I-3. (cont.)

Analyte	Units	Date Station	9/16/92 S101	9/16/92 S102	9/16/92 S106	9/16/92 S107	9/16/92 S96	9/16/92 S97	9/16/92 S98	9/16/92 S99	9/17/92 S23
Benzo(a)pyrene	µg/kg										
Benzo(b)fluoranthene	µg/kg										
Benzo(g,h,i)perylene	µg/kg										
Benzo(k)fluoranthene	µg/kg										
Benzo[e]pyrene	µg/kg										
Beta-methyl-beta-phenyl-benzeneethanol	µg/kg										
Bis(2-chloroethoxy)methane	µg/kg										
Bis(2-chloroethyl)ether	µg/kg										
Bis(2-ethylhexyl)phthalate	µg/kg										
Butylbenzylphthalate	µg/kg										
Carbazole	µg/kg										
Chrysene	µg/kg										
Cyclohexyl benzene	µg/kg										
Cyclopentyl benzene	µg/kg										
Dibenz(a,h)anthracene	µg/kg										
Dibenzofuran	µg/kg										
Dichlorobenzene, non-specific	µg/kg		13 U	20 UJ	20 UJ	24 UJ	23 UJ	23 UJ	19 UJ	21 U	163 J
Dichlorobenzenes (Sum)	µg/kg		13 U	20 U	20 U	24 U	23 U	23 U	19 U	21 U	163
Diethylphthalate	µg/kg										
Dimethylphthalate	µg/kg										
Di-n-butylphthalate	µg/kg										
Di-n-octylphthalate	µg/kg										
Fluoranthene	µg/kg										
Fluorene	µg/kg										
Heptadecane	µg/kg										
Hexachlorobenzene	µg/kg							7.3 UJ		6.9 UJ	6.3 J
Hexachlorobutadiene	µg/kg										
Hexachlorocyclopentadiene	µg/kg										
Hexachloroethane	µg/kg										
Hexadecane	µg/kg										
Indeno(1,2,3-cd)pyrene	µg/kg										
Isophorone	µg/kg										
Naphthalene	µg/kg										
Nitrobenzene	µg/kg										
N-nitroso-di-n-propylamine	µg/kg										
N-Nitrosodiphenylamine(1)	µg/kg										
PAH-high MW	µg/kg										
PAH-low MW	µg/kg										
Pentachlorophenol	µg/kg										
Phenanthrene	µg/kg										
Phenol	µg/kg										
Pyrene	µg/kg										
Total benzofluoranthenes (b + k)	µg/kg										
Trichlorobenzene	µg/kg		13 U	20 UJ	20 UJ	24 UJ	23 UJ	23 UJ	19 UJ	21 U	21 UJ
Trichlorobenzenes (Sum)	µg/kg		13 U	20 U	20 U	24 U	23 U	23 U	19 U	21 U	21 U
Pesticides and PCBs											
4,4'-DDD	µg/kg										
4,4'-DDE	µg/kg										

Table I-3. (cont.)

Analyte	Units	Date Station	9/16/92 S101	9/16/92 S102	9/16/92 S106	9/16/92 S107	9/16/92 S96	9/16/92 S97	9/16/92 S98	9/16/92 S99	9/17/92 S23
4,4'-DDT	µg/kg										
Aldrin	µg/kg										
alpha-BHC	µg/kg										
alpha-Chlordane	µg/kg										
Aroclor-1016	µg/kg		42 UJ	69 UJ	68 UJ	79 UJ	82 U	73 U	67 U	69 U	72 UJ
Aroclor-1221	µg/kg		42 UJ	69 UJ	68 U	79 U	82 U	73 U	67 U	69 U	72 U
Aroclor-1232	µg/kg		42 UJ	69 UJ	68 UJ	79 UJ	82 U	73 U	67 U	69 U	72 UJ
Aroclor-1242	µg/kg		42 UJ	69 UJ	68 UJ	79 UJ	82 U	73 U	67 U	69 U	72 UJ
Aroclor-1248	µg/kg		42 UJ	69 UJ	55 J	74 J	31 J	73 U	39 J	35 J	66 J
Aroclor-1254	µg/kg		42 UJ	69 UJ	68 UJ	79 UJ	82 U	73 U	67 U	69 U	72 UJ
Aroclor-1260	µg/kg		42 UJ	69 UJ	68 U	79 U	82 U	73 U	67 U	69 U	45 J
beta-BHC	µg/kg										
Chlordane (Sum)	µg/kg										
DDT and metabolites	µg/kg										
delta-BHC	µg/kg										
Dieldrin	µg/kg										
Endosulfan I	µg/kg										
Endosulfan II	µg/kg										
Endosulfan sulfate	µg/kg										
Endrin aldehyde	µg/kg										
Endrin ketone	µg/kg										
Endrin	µg/kg										
gamma-BHC (Lindane)	µg/kg										
gamma-Chlordane	µg/kg										
Heptachlor epoxide	µg/kg										
Heptachlor	µg/kg										
Methoxychlor	µg/kg										
PCBs (Sum)	µg/kg		42 U	69 U	89	114	72	73 U	73	70	111
Polychlorinated biphenyls	µg/kg		42 UJ	69 UJ	55 J	74 J	31 J	73 U	39 J	35 J	111 J
Toxaphene	µg/kg										

Table I-3. (cont.)

Analyte	Units	Date Station	Date Station	9/17/92 S3	9/17/92 S30	9/17/92 S31	9/17/92 S32	9/17/92 S33	9/17/92 S79	9/17/92 S80	9/18/92 S63	9/18/92 S64
Conventional Analytes												
Acid-volatile sulfide	mg/kg				3,200	4,500	4,900	6,600	2,200	1,900	4,900	2,500
Calcium carbonate	%-dw				54	43	41	41	59	59	51	58
Chloride-Calculated	mg/kg				737	588	571	712	721	726	628	733
Chloride-Measured	mg/kg				2,400	2,200	2,200	2,600	1,900	2,200	2,200	2,200
Percent moisture	%-ww				77	79	79	79	73	75	78	75
Total organic carbon	%-dw			1.8	3.0	3.6	3.6	2.9	2.8	2.9	2.9	2.7
Total solids	%-ww				24	21	21	22	28	25	22	25
Percent clay	%-ww				2.2	2.8	3.6	4.0	2.1	2.6	2.1	2.5
Percent fines (clay & silt)	%-dw				80	75	92	91	60	70	56	66
Percent sand	%-ww				4.4	4.8	1.1	1.2	10	7.2	9.7	8.7
Percent silt	%-ww				17	13	15	16	15	15	10	14
Metals												
Aluminum	mg/kg											
Antimony	mg/kg											
Arsenic	mg/kg											
Barium	mg/kg											
Beryllium	mg/kg											
Cadmium	mg/kg				2.4 B	3.0 B	2.8 B	3.4 B	1.1 B	2.8	1.7 B	2.5 B
Calcium	mg/kg				174,000	137,000	135,000	131,000	203,000	196,000	177,000	191,000
Chromium	mg/kg				75	66	63	63	34	49	38	50
Cobalt	mg/kg											
Copper	mg/kg				58	64	64	67	39	46	42	49
Cyanide	mg/kg											
Iron	mg/kg											
Lead	mg/kg				70	86	78	76	41	49	54	46
Magnesium	mg/kg				6,330	8,840	8,820	8,840	5,670	4,480	7,270	4,890
Manganese	mg/kg											
Mercury	mg/kg				3.2	2.9	2.6	2.5	2.9	2.1	3.2	2.5
Nickel	mg/kg				29	25 B	30 B	26 B	23	25	17 B	28
Potassium	mg/kg											
Selenium	mg/kg											
Silver	mg/kg											
Sodium	mg/kg											
Thallium	mg/kg											
Vanadium	mg/kg											
Zinc	mg/kg				153 J	181 J	179 J	180 J	115 J	131 J	133 J	135 J
Volatile Organic Compounds												
1,1,1-Trichloroethane	µg/kg											
1,1,2,2-Tetrachloroethane	µg/kg											
1,1,2-Trichloroethane	µg/kg											
1,1-Dichloroethane	µg/kg											
1,1-Dichloroethene	µg/kg											
1,2-Dichloroethane	µg/kg											
1,2-Dichloroethene (Total)	µg/kg											
1,2-Dichloropropane	µg/kg											
2-Butanone	µg/kg											
2-Hexanone	µg/kg											

Table I-3. (cont.)

Analyte	Units	Date Station	Date Station	9/17/92 S3	9/17/92 S30	9/17/92 S31	9/17/92 S32	9/17/92 S33	9/17/92 S79	9/17/92 S80	9/18/92 S63	9/18/92 S64
4-Methyl-2-pentanone	µg/kg											
Acetone	µg/kg											
Benzene	µg/kg			51	54 J	23 J	19 J	7.0 J	8.0 J	6.0 J	22 UJ	11 J
Bromodichloromethane	µg/kg											
Bromoform	µg/kg											
Bromomethane	µg/kg											
Carbon disulfide	µg/kg											
Carbon Tetrachloride	µg/kg											
Chlorobenzene	µg/kg			1,100	150 J	63 J	43 J	19 NJ	13 NJ	13 NJ	22 UJ	22 J
Chloroethane	µg/kg											
Chloroform	µg/kg											
Chloromethane	µg/kg											
Cis-1,3-dichloropropene	µg/kg											
Dibromochloromethane	µg/kg											
Ethylbenzene	µg/kg			26 U	21 UJ	23 UJ	24 UJ	22 U	19 U	19 U	22 UJ	19 UJ
Isopropanol	µg/kg											
Methylene chloride	µg/kg											
Pentachloro benzene	µg/kg		J		7.0 BJU	8.5 BJ	8.0 BJU	7.7 UR			7.5 UJ	6.6 UR
Styrene	µg/kg											
Tetrachlorobenzene (mixed)	µg/kg				7.0 UJ	53 BJ	8.0 UJ	7.7 UR			7.5 UJ	6.6 UR
Tetrachloroethene	µg/kg											
Toluene	µg/kg			17 J	51 J	84 J	50 J	9.0 J	18 J	17 J	33 J	11 J
Trans-1,3-dichloropropene	µg/kg											
Trichloroethene	µg/kg											
Vinyl chloride	µg/kg											
Xylene (Total)	µg/kg			26 U	21 UJ	23 UJ	24 UJ	22 U	19 U	19 U	22 UJ	19 UJ
Semivolatile Organic Compounds												
1,1'-(1-methylethylidene)bis-benzene	µg/kg											
1,1'(3methyl1propene1,3diyl)bis-benzene	µg/kg											
1,2,3,4-Tetrachlorobenzene	µg/kg				8.4 J	12 J	8.0 JU	7.7 UR			7.5 UJ	6.6 UR
1,2,3-Trichlorobenzene	µg/kg			26 U	21 UJ	23 UJ	24 UJ	22 U	19 U	19 U	22 UJ	19 UJ
1,2,3-Trimethyl-4-propenyl naphthalene	µg/kg											
1,2,4-Trichlorobenzene	µg/kg			25 J	21 UJ	23 UJ	24 UJ	22 U	19 U	19 U	22 UJ	19 UJ
1,2-Dichlorobenzene	µg/kg			75	36 J	23 UJ	24 UJ	22 U	19 U	19 U	22 UJ	19 UJ
1,2-Dimethylnaphthalene	µg/kg											
1,3,5-Trichlorobenzene	µg/kg			26 U	21 UJ	23 UJ	24 UJ	22 U	19 U	19 U	22 UJ	19 UJ
1,3-Dichlorobenzene	µg/kg			64	21 UJ	23 UJ	24 UJ	22 U	19 U	19 U	22 UJ	19 UJ
1,4,5-Trimethylnaphthalene	µg/kg											
1,4-Dichlorobenzene	µg/kg			770	100 J	81 J	50 J	16 J	14 J	11 J	22 UJ	20 J
1,4-Dimethyl naphthalene	µg/kg											
1,6-Dimethyl naphthalene	µg/kg											
11h-Benzo[a]fluorene	µg/kg											
11h-Benzo[b]fluorene	µg/kg											
1-Methyl phenanthrene	µg/kg											
1-Methylhexyl benzene	µg/kg											
1-Methylnaphthalene	µg/kg											
1-Methylpyrene	µg/kg											
2,2'-Oxybis(1-chloropropane)	µg/kg											

Table I-3. (cont.)

Analyte	Units	Date Station	Date Station	9/17/92 S3	9/17/92 S30	9/17/92 S31	9/17/92 S32	9/17/92 S33	9/17/92 S79	9/17/92 S80	9/18/92 S63	9/18/92 S64
2,3,6-Trimethyl octane	µg/kg											
2,3-Dihydro-1h-inden-1-one	µg/kg											
2,3-Dihydro-1-methyl-3-phenyl-1h-inden,	µg/kg											
2,4,5-Trichlorophenol	µg/kg											
2,4,6-Trichlorophenol	µg/kg											
2,4-Dichlorophenol	µg/kg											
2,4-Dimethylphenol	µg/kg											
2,4-Dinitrophenol	µg/kg											
2,4-Dinitrotoluene	µg/kg											
2,5-bis(1,1-dimethyletyl)-thiophene	µg/kg											
2,6,11-Trimethyldodecane	µg/kg											
2,6-Dinitrotoluene	µg/kg											
2,7,10-Trimethyldodecane	µg/kg											
2-Chloronaphthalene	µg/kg											
2-Chlorophenol	µg/kg											
2-Ethenyl naphthalene	µg/kg											
2-Ethyl-1-hexanamine	µg/kg											
2-Ethyl-1-hexanol	µg/kg											
2-Methyl-4,6-dinitrophenol	µg/kg											
2-Methylnaphthalene	µg/kg											
2-Methylphenol	µg/kg											
2-Nitroaniline	µg/kg											
2-Nitrophenol	µg/kg											
2-Phenyl naphthalene	µg/kg											
3-(2-Phenylethenly)-benzenamine	µg/kg											
3,3-Dichlorobenzidine	µg/kg											
3,6-Dimethyl undecane	µg/kg											
3-Methyl phenanthrene	µg/kg											
3-Methylcyclopentylbenzene	µg/kg											
3-Nitroaniline	µg/kg											
4,6-Dimethyl undecane	µg/kg											
4,9-Dipropyldodecane	µg/kg											
4-Bromophenyl-phenyl ether	µg/kg											
4-Chloro-3-methylphenol	µg/kg											
4-Chloroaniline	µg/kg											
4-Chlorophenyl-phenyl ether	µg/kg											
4-Methyl-biphenyl	µg/kg											
4-Methylphenol	µg/kg											
4-Nitroaniline	µg/kg											
4-Nitrophenol	µg/kg											
5-Methylene-5h-dibenzo[a,d]cycloheptene	µg/kg											
5-Propyl tridecane	µg/kg											
7-Methyl tridecane	µg/kg											
9-Octylheptadecane	µg/kg											
Acenaphthene	µg/kg											
Acenaphthylene	µg/kg											
Anthracene	µg/kg											
Benz(a)anthracene	µg/kg											

Table I-3. (cont.)

Analyte	Units	Date Station	Date Station	9/17/92 S3	9/17/92 S30	9/17/92 S31	9/17/92 S32	9/17/92 S33	9/17/92 S79	9/17/92 S80	9/18/92 S63	9/18/92 S64
Benzo(a)pyrene	µg/kg											
Benzo(b)fluoranthene	µg/kg											
Benzo(g,h,i)perylene	µg/kg											
Benzo(k)fluoranthene	µg/kg											
Benzo[e]pyrene	µg/kg											
Beta-methyl-beta-phenyl-benzeneethanol	µg/kg											
Bis(2-chloroethoxy)methane	µg/kg											
Bis(2-chloroethyl)ether	µg/kg											
Bis(2-ethylhexyl)phthalate	µg/kg											
Butylbenzylphthalate	µg/kg											
Carbazole	µg/kg											
Chrysene	µg/kg											
Cyclohexyl benzene	µg/kg											
Cyclopentyl benzene	µg/kg											
Dibenz(a,h)anthracene	µg/kg											
Dibenzofuran	µg/kg											
Dichlorobenzene, non-specific	µg/kg			909	136 J	81 J	50 J	16 J	14 J	11 J	22 UJ	20 J
Dichlorobenzenes (Sum)	µg/kg			909	136	81	50	16	14	11	22 U	20
Diethylphthalate	µg/kg											
Dimethylphthalate	µg/kg											
Di-n-butylphthalate	µg/kg											
Di-n-octylphthalate	µg/kg											
Fluoranthene	µg/kg											
Fluorene	µg/kg											
Heptadecane	µg/kg											
Hexachlorobenzene	µg/kg				4.4 J	6.6 J	8.0 UJ	7.7 UR			7.5 UJ	6.6 UR
Hexachlorobutadiene	µg/kg											
Hexachlorocyclopentadiene	µg/kg											
Hexachloroethane	µg/kg											
Hexadecane	µg/kg											
Indeno(1,2,3-cd)pyrene	µg/kg											
Isophorone	µg/kg											
Naphthalene	µg/kg											
Nitrobenzene	µg/kg											
N-nitroso-di-n-propylamine	µg/kg											
N-Nitrosodiphenylamine(1)	µg/kg											
PAH-high MW	µg/kg											
PAH-low MW	µg/kg											
Pentachlorophenol	µg/kg											
Phenanthrene	µg/kg											
Phenol	µg/kg											
Pyrene	µg/kg											
Total benzofluoranthenes (b + k)	µg/kg											
Trichlorobenzene	µg/kg			25 J	21 UJ	23 UJ	24 UJ	22 U	19 U	19 U	22 UJ	19 UJ
Trichlorobenzenes (Sum)	µg/kg			25	21 U	23 U	24 U	22 U	19 U	19 U	22 U	19 U
Pesticides and PCBs												
4,4'-DDD	µg/kg											
4,4'-DDE	µg/kg											

Table I-3. (cont.)

Analyte	Units	Date Station	Date Station	9/17/92 S3	9/17/92 S30	9/17/92 S31	9/17/92 S32	9/17/92 S33	9/17/92 S79	9/17/92 S80	9/18/92 S63	9/18/92 S64
4,4'-DDT	µg/kg											
Aldrin	µg/kg											
alpha-BHC	µg/kg											
alpha-Chlordane	µg/kg											
Aroclor-1016	µg/kg				70 U	78 UJ	80 UJ	77 UJ	61 UJ	67 UJ	75 U	66 UJ
Aroclor-1221	µg/kg				70 U	78 U	80 UJ	77 UJ	61 UJ	67 UJ	75 U	66 UJ
Aroclor-1232	µg/kg				70 U	78 UJ	80 UJ	77 UJ	61 UJ	67 UJ	75 U	66 UJ
Aroclor-1242	µg/kg				70 U	78 UJ	80 UJ	77 UJ	61 UJ	67 UJ	75 U	66 UJ
Aroclor-1248	µg/kg				59 J	94	49 J	64 J	34 J	34 J	46 J	42 J
Aroclor-1254	µg/kg				70 U	78 UJ	80 UJ	77 UJ	61 UJ	67 UJ	75 UJ	66 UJ
Aroclor-1260	µg/kg				70 UJ	50 J	80 UJ	77 UJ	61 UJ	67 UJ	75 U	66 UJ
beta-BHC	µg/kg											
Chlordane (Sum)	µg/kg											
DDT and metabolites	µg/kg											
delta-BHC	µg/kg											
Dieldrin	µg/kg											
Endosulfan I	µg/kg											
Endosulfan II	µg/kg											
Endosulfan sulfate	µg/kg											
Endrin aldehyde	µg/kg											
Endrin ketone	µg/kg											
Endrin	µg/kg											
gamma-BHC (Lindane)	µg/kg											
gamma-Chlordane	µg/kg											
Heptachlor epoxide	µg/kg											
Heptachlor	µg/kg											
Methoxychlor	µg/kg											
PCBs (Sum)	µg/kg				94	144	89	103	65	68	84	75
Polychlorinated biphenyls	µg/kg				59 J	144 J	49 J	64 J	34 J	34 J	46 J	42 J
Toxaphene	µg/kg											

Table I-3. (cont.)

Analyte	Units	Date Station	9/18/92 S65	Date Station	9/18/92 S69	9/18/92 S78	9/18/92 S85	9/18/92 S86	9/18/92 S88	9/18/92 S89	9/18/92 S91	8/5/92 S112
Conventional Analytes												
Acid-volatile sulfide	mg/kg		3,100		2,500	3,900	3,700.0		4,500	4,700	3,000	40
Calcium carbonate	%-dw		52		50	47	50.7		54	53	55	91
Chloride-Calculated	mg/kg		898		581	618	558.0		650	718	654	352
Chloride-Measured	mg/kg		3,400		2,000	2,000	1,700.0		2,700	2,700	2,600	410
Percent moisture	%-ww		79		78	76	75.3		81	79	80	54
Total organic carbon	%-dw		3.2		2.9	2.9	2.7	2.9	3.4	3.4	3.3	0.7
Total solids	%-ww		21		23	24	24.7		19	21	20	46
Percent clay	%-ww		2.6		2.2	1.8	2.3		2.4	2.4	2.3	0.9
Percent fines (clay & silt)	%-dw		65		69	65	69.2		65	57	69	7.1
Percent sand	%-ww		7.4		6.7	7.8	6.8		6.6	8.6	5.7	45
Percent silt	%-ww		11		13	14	14.8		10	9.5	12	2.4
Metals												
Aluminum	mg/kg											
Antimony	mg/kg											
Arsenic	mg/kg											
Barium	mg/kg											
Beryllium	mg/kg											
Cadmium	mg/kg		2.8 B		0.9 U	0.8 U	0.8 B		1.0 U	1.5 B	2.1 B	2.0 J
Calcium	mg/kg		168,000		168,000	153,000	170,000.0		189,000	180,000	190,000	328,000 J
Chromium	mg/kg		52		33	22	19.2		31	34	49	36 J
Cobalt	mg/kg											
Copper	mg/kg		50		40	36	35.1		37	41	46	17 J
Cyanide	mg/kg					35						
Iron	mg/kg											
Lead	mg/kg		51		46 J	34 J	44.3		45 J	55	74 J	10 J
Magnesium	mg/kg		6,030		7,410	9,460	9,160.0		6,220	6,880	6,090	2,640
Manganese	mg/kg											
Mercury	mg/kg		2.2		3.0	2.4	1.9		2.5	3.2	2.7	1.1
Nickel	mg/kg		25 B		19 B	17 B	15.8 B		22 B	24 B	26 B	8.0 B
Potassium	mg/kg											
Selenium	mg/kg											
Silver	mg/kg											
Sodium	mg/kg											
Thallium	mg/kg											
Vanadium	mg/kg											
Zinc	mg/kg		149 J		127 J	113 J	106.0 J		132 J	139 J	153 J	50 J
Volatile Organic Compounds												
1,1,1-Trichloroethane	µg/kg											
1,1,2,2-Tetrachloroethane	µg/kg											
1,1,2-Trichloroethane	µg/kg											
1,1-Dichloroethane	µg/kg											
1,1-Dichloroethene	µg/kg											
1,2-Dichloroethane	µg/kg											
1,2-Dichloroethene (Total)	µg/kg											
1,2-Dichloropropane	µg/kg											
2-Butanone	µg/kg											
2-Hexanone	µg/kg											

Table I-3. (cont.)

Analyte	Units	Date Station	9/18/92 S65	Date Station	9/18/92 S69	9/18/92 S78	9/18/92 S85	9/18/92 S86	9/18/92 S88	9/18/92 S89	9/18/92 S91	8/5/92 S112
4-Methyl-2-pentanone	µg/kg											
Acetone	µg/kg											
Benzene	µg/kg		23 UJ		14 J	20 UJ	11.0 J	33 J	25 UJ	18 J	17 J	11 UJ
Bromodichloromethane	µg/kg											
Bromoform	µg/kg											
Bromomethane	µg/kg											
Carbon disulfide	µg/kg											
Carbon Tetrachloride	µg/kg											
Chlorobenzene	µg/kg		23 UJ		21 UJ	20 UJ	19.0 UJ	27 UJ	25 UJ	22 UJ	24 UJ	11 UJ
Chloroethane	µg/kg											
Chloroform	µg/kg											
Chloromethane	µg/kg											
Cis-1,3-dichloropropene	µg/kg											
Dibromochloromethane	µg/kg											
Ethylbenzene	µg/kg		23 UJ		21 UJ	20 UJ	19.0 UJ	27 UJ	25 UJ	22 UJ	24 UJ	11 UJ
Isopropanol	µg/kg											
Methylene chloride	µg/kg											
Pentachloro benzene	µg/kg		7.9 UR			7.3 BJU	6.7 UJ		8.5 UJ	7.8 UJ		
Styrene	µg/kg											
Tetrachlorobenzene (mixed)	µg/kg		7.9 UR			42 BJ	6.7 UJ		8.5 UJ	7.8 UJ		
Tetrachloroethene	µg/kg											
Toluene	µg/kg		19 J		19 J	25 J	41.0 J	28 J	25 J	55 J	22 J	8.0 J
Trans-1,3-dichloropropene	µg/kg											
Trichloroethene	µg/kg											
Vinyl chloride	µg/kg											
Xylene (Total)	µg/kg		23 UJ		21 UJ	20 UJ	19.0 UJ	27 UJ	25 UJ	22 UJ	24 UJ	11 UJ
Semivolatile Organic Compounds												
1,1'-(1-methylethylidene)bis-benzene	µg/kg											
1,1'(3methyl1propene1,3diyl)bis-benzene	µg/kg											
1,2,3,4-Tetrachlorobenzene	µg/kg		7.9 UR			8.6 J	6.7 UJ		8.5 UJ	7.8 UJ		
1,2,3-Trichlorobenzene	µg/kg		23 UJ		21 UJ	20 UJ	19.0 UJ	27 UJ	25 UJ	22 UJ	24 UJ	11 UJ
1,2,3-Trimethyl-4-propenyl naphthalene	µg/kg											
1,2,4-Trichlorobenzene	µg/kg		23 UJ		21 UJ	20 UJ	19.0 UJ	27 UJ	25 UJ	22 UJ	24 UJ	11 UJ
1,2-Dichlorobenzene	µg/kg		23 UJ		21 UJ	20 UJ	19.0 UJ	27 UJ	25 UJ	22 UJ	24 UJ	11 UJ
1,2-Dimethylnaphthalene	µg/kg											
1,3,5-Trichlorobenzene	µg/kg		23 UJ		21 UJ	20 UJ	19.0 UJ	27 UJ	25 UJ	22 UJ	24 UJ	11 UJ
1,3-Dichlorobenzene	µg/kg		23 UJ		21 UJ	20 UJ	19.0 UJ	27 UJ	25 UJ	22 UJ	24 UJ	11 UJ
1,4,5-Trimethylnaphthalene	µg/kg											
1,4-Dichlorobenzene	µg/kg		24 J		21 UJ	20 UJ	19.0 UJ	27 UJ	25 UJ	22 UJ	24 UJ	11 UJ
1,4-Dimethyl naphthalene	µg/kg											
1,6-Dimethyl naphthalene	µg/kg											
11h-Benzo[a]fluorene	µg/kg											
11h-Benzo[b]fluorene	µg/kg											
1-Methyl phenanthrene	µg/kg											
1-Methylhexyl benzene	µg/kg											
1-Methylnaphthalene	µg/kg											
1-Methylpyrene	µg/kg											
2,2'-Oxybis(1-chloropropane)	µg/kg											

Table I-3. (cont.)

Analyte	Units	Date Station	9/18/92 S65	Date Station	9/18/92 S69	9/18/92 S78	9/18/92 S85	9/18/92 S86	9/18/92 S88	9/18/92 S89	9/18/92 S91	8/5/92 S112
2,3,6-Trimethyl octane	µg/kg											
2,3-Dihydro-1h-inden-1-one	µg/kg											
2,3-Dihydro-1-methyl-3-phenyl-1h-inden,	µg/kg											
2,4,5-Trichlorophenol	µg/kg											
2,4,6-Trichlorophenol	µg/kg											
2,4-Dichlorophenol	µg/kg											
2,4-Dimethylphenol	µg/kg											
2,4-Dinitrophenol	µg/kg											
2,4-Dinitrotoluene	µg/kg											
2,5-bis(1,1-dimethyletyl)-thiophene	µg/kg											
2,6,11-Trimethyldodecane	µg/kg											
2,6-Dinitrotoluene	µg/kg											
2,7,10-Trimethyldodecane	µg/kg											
2-Chloronaphthalene	µg/kg											
2-Chlorophenol	µg/kg											
2-Ethenyl naphthalene	µg/kg											
2-Ethyl-1-hexanamine	µg/kg											
2-Ethyl-1-hexanol	µg/kg											
2-Methyl-4,6-dinitrophenol	µg/kg											
2-Methylnaphthalene	µg/kg											
2-Methylphenol	µg/kg											
2-Nitroaniline	µg/kg											
2-Nitrophenol	µg/kg											
2-Phenyl naphthalene	µg/kg											
3-(2-Phenylethenly)-benzenamine	µg/kg											
3,3-Dichlorobenzidine	µg/kg											
3,6-Dimethyl undecane	µg/kg											
3-Methyl phenanthrene	µg/kg											
3-Methylcyclopentylbenzene	µg/kg											
3-Nitroaniline	µg/kg											
4,6-Dimethyl undecane	µg/kg											
4,9-Dipropyldodecane	µg/kg											
4-Bromophenyl-phenyl ether	µg/kg											
4-Chloro-3-methylphenol	µg/kg											
4-Chloroaniline	µg/kg											
4-Chlorophenyl-phenyl ether	µg/kg											
4-Methyl-biphenyl	µg/kg											
4-Methylphenol	µg/kg											
4-Nitroaniline	µg/kg											
4-Nitrophenol	µg/kg											
5-Methylene-5h-dibenzo[a,d]cycloheptene	µg/kg											
5-Propyl tridecane	µg/kg											
7-Methyl tridecane	µg/kg											
9-Octylheptadecane	µg/kg											
Acenaphthene	µg/kg											510 J
Acenaphthylene	µg/kg											730 U
Anthracene	µg/kg											36 UJ
Benz(a)anthracene	µg/kg											36 U

Table I-3. (cont.)

Analyte	Units	Date Station	9/18/92 S65	Date Station	9/18/92 S69	9/18/92 S78	9/18/92 S85	9/18/92 S86	9/18/92 S88	9/18/92 S89	9/18/92 S91	8/5/92 S112
Benzo(a)pyrene	µg/kg											36 UJ
Benzo(b)fluoranthene	µg/kg											73 U
Benzo(g,h,i)perylene	µg/kg											20 J
Benzo(k)fluoranthene	µg/kg											36 U
Benzo[e]pyrene	µg/kg											
Beta-methyl-beta-phenyl-benzeneethanol	µg/kg											
Bis(2-chloroethoxy)methane	µg/kg											
Bis(2-chloroethyl)ether	µg/kg											
Bis(2-ethylhexyl)phthalate	µg/kg											
Butylbenzylphthalate	µg/kg											
Carbazole	µg/kg											
Chrysene	µg/kg											36 U
Cyclohexyl benzene	µg/kg											
Cyclopentyl benzene	µg/kg											
Dibenz(a,h)anthracene	µg/kg											73 U
Dibenzofuran	µg/kg											
Dichlorobenzene, non-specific	µg/kg		24 J		21 UJ	20 UJ	19.0 UJ	27 UJ	25 UJ	22 UJ	24 UJ	11 UJ
Dichlorobenzenes (Sum)	µg/kg		24		21 U	20 U	19.0 U	27 U	25 U	22 U	24 U	11 U
Diethylphthalate	µg/kg											
Dimethylphthalate	µg/kg											
Di-n-butylphthalate	µg/kg											
Di-n-octylphthalate	µg/kg											
Fluoranthene	µg/kg											270 BJ
Fluorene	µg/kg											73 U
Heptadecane	µg/kg											
Hexachlorobenzene	µg/kg		7.9 UR			8.5 J	3.6 J		8.5 UJ	4.0 J		
Hexachlorobutadiene	µg/kg											
Hexachlorocyclopentadiene	µg/kg											
Hexachloroethane	µg/kg											
Hexadecane	µg/kg											
Indeno(1,2,3-cd)pyrene	µg/kg											210
Isophorone	µg/kg											
Naphthalene	µg/kg											360 U
Nitrobenzene	µg/kg											
N-nitroso-di-n-propylamine	µg/kg											
N-Nitrosodiphenylamine(1)	µg/kg											
PAH-high MW	µg/kg											
PAH-low MW	µg/kg											
Pentachlorophenol	µg/kg											
Phenanthrene	µg/kg											36 U
Phenol	µg/kg											
Pyrene	µg/kg											36 U
Total benzofluoranthenes (b + k)	µg/kg											
Trichlorobenzene	µg/kg		23 UJ		21 UJ	20 UJ	19.0 UJ	27 UJ	25 UJ	22 UJ	24 UJ	11 UJ
Trichlorobenzenes (Sum)	µg/kg		23 U		21 U	20 U	19.0 U	27 U	25 U	22 U	24 U	11 U
Pesticides and PCBs												
4,4'-DDD	µg/kg											
4,4'-DDE	µg/kg											

Table I-3. (cont.)

Analyte	Units	Date Station	9/18/92 S65	Date Station	9/18/92 S69	9/18/92 S78	9/18/92 S85	9/18/92 S86	9/18/92 S88	9/18/92 S89	9/18/92 S91	8/5/92 S112
4,4'-DDT	µg/kg											
Aldrin	µg/kg											
alpha-BHC	µg/kg											
alpha-Chlordane	µg/kg											
Aroclor-1016	µg/kg		79 UJ		73 U	70 U	67.0 U		85 UJ	78 U	82 UJ	73 U
Aroclor-1221	µg/kg		79 UJ		73 U	70 U	67.0 U		85 U	78 U	82 UJ	73 UJ
Aroclor-1232	µg/kg		79 UJ		73 U	70 U	67.0 U		85 UJ	78 U	82 UJ	73 U
Aroclor-1242	µg/kg		79 UJ		73 U	70 U	67.0 U		85 UJ	78 U	82 UJ	73 U
Aroclor-1248	µg/kg		48 J		47 J	47 J	67.0 U		50 J	55 J	33 J	73 U
Aroclor-1254	µg/kg		79 UJ		73 UJ	70 U	67.0 U		85 UJ	78 UJ	82 UJ	73 U
Aroclor-1260	µg/kg		79 UJ		73 U	70 U	67.0 U		85 U	78 UJ	82 UJ	73 U
beta-BHC	µg/kg											
Chlordane (Sum)	µg/kg											
DDT and metabolites	µg/kg											
delta-BHC	µg/kg											
Dieldrin	µg/kg											
Endosulfan I	µg/kg											
Endosulfan II	µg/kg											
Endosulfan sulfate	µg/kg											
Endrin aldehyde	µg/kg											
Endrin ketone	µg/kg											
Endrin	µg/kg											
gamma-BHC (Lindane)	µg/kg											
gamma-Chlordane	µg/kg											
Heptachlor epoxide	µg/kg											
Heptachlor	µg/kg											
Methoxychlor	µg/kg											
PCBs (Sum)	µg/kg		88		84	82	67.0 U		93	94	74	73 U
Polychlorinated biphenyls	µg/kg		48 J		47 J	47 J	67.0 U		50 J	55 J	33 J	73 U
Toxaphene	µg/kg											

Table I-3. (cont.)

Analyte	Units	Date Station	8/5/92 S113	8/6/92 S12	Date Station	8/6/92 S18	8/6/92 S26	8/6/92 S6	8/7/92 S27	8/7/92 S40
Conventional Analytes										
Acid-volatile sulfide	mg/kg		40	1,800		1,800	20 U	40	5,000	5,000
Calcium carbonate	%-dw		76	46		67	88	17	44	52
Chloride-Calculated	mg/kg		306	355		407	325	320	628	824
Chloride-Measured	mg/kg		220	450		480	240	130	2,200	3,100
Percent moisture	%-ww		42	56		54	43	29	78	79
Total organic carbon	%-dw		0.9	2.3		1.5	0.9	0.2	3.1	3.2
Total solids	%-ww		58	44 M		46 M	58 M	71 M	22 M	21 M
Percent clay	%-ww		0.7	4.1		3.4	0.4	0.6	4.9	6.1
Percent fines (clay & silt)	%-dw		4.3	51		22	2.8	1.3	93	100
Percent sand	%-ww		55	21		35	59	71	1.1	0.4
Percent silt	%-ww		1.8	18		6.7	1.2	0.3	16	15
Metals										
Aluminum	mg/kg		635					690	5,610	
Antimony	mg/kg		3.7 UJ					1.9 UJ	8.8 UJ	
Arsenic	mg/kg		1.1 B					0.6 B	5.4 B	
Barium	mg/kg		72					27 B	185	
Beryllium	mg/kg		0.3 U					0.2 U	0.8 U	
Cadmium	mg/kg		0.4 B	4.3 J		8.6 J	0.5 UJ	1.1	3.0 B	2.3 BJ
Calcium	mg/kg		234,000	132,000 J		205,000 J	331,000 J	51,000	160,000	184,000 J
Chromium	mg/kg		17	54 J		106 J	24 J	20	73	79 J
Cobalt	mg/kg		1.3 B					1.6 B	9.7 B	
Copper	mg/kg		11 U	63 J		56 J	6.8 BJ	57	79	54 J
Cyanide	mg/kg		1.4 U					1.1 U	3.9 U	
Iron	mg/kg		2,520					2,470	16,200	
Lead	mg/kg		16	84 J		56 J	4.7 J	56	79	14 J
Magnesium	mg/kg		2,950	6,520		4,060	2,840	5,280	9,700	6,920
Manganese	mg/kg		284 J					93 J	435 J	
Mercury	mg/kg		0.2	2.8		1.8	0.2	1.1	3.1	2.8
Nickel	mg/kg		4.8 B	19		25	6.2 B	7.3	31 B	29
Potassium	mg/kg		110 B					94 B	699 B	
Selenium	mg/kg		0.2 UJ					0.3 BJ	0.8 BJ	
Silver	mg/kg		0.7 UJ					0.3 UJ	2.1 BJ	
Sodium	mg/kg		457 B					163 B	1,750 B	
Thallium	mg/kg		0.2 B					0.1 U	0.7 U	
Vanadium	mg/kg		1.8 B					1.2 B	16 B	
Zinc	mg/kg		39	158 J		197 J	29 J	43	198	159 J
Volatile Organic Compounds										
1,1,1-Trichloroethane	µg/kg		17 U					14 U	46 UJ	
1,1,2,2-Tetrachloroethane	µg/kg		17 U					14 U	46 UJ	
1,1,2-Trichloroethane	µg/kg		17 U					14 U	46 UJ	
1,1-Dichloroethane	µg/kg		17 U					14 U	46 UJ	
1,1-Dichloroethene	µg/kg		17 U					14 U	46 UJ	
1,2-Dichloroethane	µg/kg		17 U					14 U	46 UJ	
1,2-Dichloroethene (Total)	µg/kg		17 U					14 U	46 UJ	
1,2-Dichloropropane	µg/kg		17 U					14 U	46 UJ	
2-Butanone	µg/kg		17 U					14 U	170 NJ	
2-Hexanone	µg/kg		17 U					14 U	46 UJ	

Table I-3. (cont.)

Analyte	Units	Date Station	8/5/92 S113	8/6/92 S12	Date Station	8/6/92 S18	8/6/92 S26	8/6/92 S6	8/7/92 S27	8/7/92 S40
4-Methyl-2-pentanone	µg/kg		17 U					14 U	46 UJ	
Acetone	µg/kg		71					37	1,100 J	
Benzene	µg/kg		17 U	11 UJ		11 UJ	8.0 U	14 U	30 J	110 J
Bromodichloromethane	µg/kg		17 U					14 U	46 UJ	
Bromoform	µg/kg		17 U					14 U	46 UJ	
Bromomethane	µg/kg		17 UJ					14 UJ	46 UJ	
Carbon disulfide	µg/kg		17 UJ					14 UJ	46 UJ	
Carbon Tetrachloride	µg/kg		17 U					14 U	46 UJ	
Chlorobenzene	µg/kg		17 U	15 J		11 UJ	8.0 U	14 U	86 J	23 UJ
Chloroethane	µg/kg		17 U					14 U	46 UJ	
Chloroform	µg/kg		17 U					14 U	46 UJ	
Chloromethane	µg/kg		17 U					14 U	46 UJ	
Cis-1,3-dichloropropene	µg/kg		17 U					14 U	46 UJ	
Dibromochloromethane	µg/kg		17 U					14 U	46 UJ	
Ethylbenzene	µg/kg		17 U	11 UJ		11 UJ	8.0 U	14 U	46 UJ	23 UJ
Isopropanol	µg/kg									
Methylene chloride	µg/kg		17 U					15 U	76 J	
Pentachloro benzene	µg/kg			5.5 J		7.2 U	5.6 U			15 U
Styrene	µg/kg		17 U					14 U	46 UJ	
Tetrachlorobenzene (mixed)	µg/kg			28		7.2 U	5.6 U			15 U
Tetrachloroethene	µg/kg		17 U					14 U	46 UJ	
Toluene	µg/kg		17 U	11 UJ		11 UJ	3.0 J	14 U	46 UJ	25 J
Trans-1,3-dichloropropene	µg/kg		17 U					14 U	46 UJ	
Trichloroethene	µg/kg		17 U					14 U	46 UJ	
Vinyl chloride	µg/kg		17 U					14 U	46 UJ	
Xylene (Total)	µg/kg		17 U	11 UJ		11 UJ	8.0 U	14 U	46 UJ	23 UJ
Semivolatile Organic Compounds										
1,1'-(1-methylethylidene)bis-benzene	µg/kg									
1,1'(3methyl1propene1,3diyl)bis-benzene	µg/kg									
1,2,3,4-Tetrachlorobenzene	µg/kg			18		7.2 U	5.6 U			15 U
1,2,3-Trichlorobenzene	µg/kg			11 UJ		11 UJ	8.0 U			23 UJ
1,2,3-Trimethyl-4-propenyl naphthalene	µg/kg									
1,2,4-Trichlorobenzene	µg/kg		76 U	11 UJ		11 UJ	8.0 U	43 J	2,000 UJ	23 UJ
1,2-Dichlorobenzene	µg/kg		76 U	11 UJ		11 UJ	8.0 U	48 J	2,000 UJ	23 UJ
1,2-Dimethylnaphthalene	µg/kg									
1,3,5-Trichlorobenzene	µg/kg			11 UJ		11 UJ	8.0 U			23 UJ
1,3-Dichlorobenzene	µg/kg		76 U	11 UJ		11 UJ	8.0 U	120 U	2,000 UJ	23 UJ
1,4,5-Trimethylnaphthalene	µg/kg							51 J		
1,4-Dichlorobenzene	µg/kg		76 U	11 UJ		11 UJ	8.0 U	89 J	2,000 UJ	20 J
1,4-Dimethyl naphthalene	µg/kg							77 J		
1,6-Dimethyl naphthalene	µg/kg									
11h-Benzo[a]fluorene	µg/kg									
11h-Benzo[b]fluorene	µg/kg									
1-Methyl phenanthrene	µg/kg									
1-Methylhexyl benzene	µg/kg									
1-Methylnaphthalene	µg/kg		320 J					260 J	1,700 J	
1-Methylpyrene	µg/kg									
2,2'-Oxybis(1-chloropropane)	µg/kg		76 U					120 U	2,000 UJ	

Table I-3. (cont.)

Analyte	Units	Date Station	8/5/92 S113	8/6/92 S12	Date Station	8/6/92 S18	8/6/92 S26	8/6/92 S6	8/7/92 S27	8/7/92 S40
2,3,6-Trimethyl octane	µg/kg									
2,3-Dihydro-1h-inden-1-one	µg/kg									
2,3-Dihydro-1-methyl-3-phenyl-1h-inden,	µg/kg									
2,4,5-Trichlorophenol	µg/kg		190 U					310 U	5,000 UJ	
2,4,6-Trichlorophenol	µg/kg		76 U					120 U	2,000 UJ	
2,4-Dichlorophenol	µg/kg		76 U					120 U	2,000 UJ	
2,4-Dimethylphenol	µg/kg		76 U					120 U	2,000 UJ	
2,4-Dinitrophenol	µg/kg		190 U					310 U	5,000 UJ	
2,4-Dinitrotoluene	µg/kg		76 U					120 U	2,000 UJ	
2,5-bis(1,1-dimethyletyl)-thiophene	µg/kg									
2,6,11-Trimethyldodecane	µg/kg									
2,6-Dinitrotoluene	µg/kg		76 U					120 U	2,000 UJ	
2,7,10-Trimethyldodecane	µg/kg									
2-Chloronaphthalene	µg/kg		76 U					120 U	2,000 UJ	
2-Chlorophenol	µg/kg		76 U					120 U	2,000 UJ	
2-Ethenyl naphthalene	µg/kg							51 J		
2-Ethyl-1-hexanamine	µg/kg									
2-Ethyl-1-hexanol	µg/kg									
2-Methyl-4,6-dinitrophenol	µg/kg		190 U					310 U	5,000 UJ	
2-Methylnaphthalene	µg/kg		76 U					33 J	2,000 UJ	
2-Methylphenol	µg/kg		76 U					120 U	2,000 UJ	
2-Nitroaniline	µg/kg		190 U					310 U	5,000 UJ	
2-Nitrophenol	µg/kg		76 U					120 U	2,000 UJ	
2-Phenyl naphthalene	µg/kg									
3-(2-Phenylethenly)-benzenamine	µg/kg									
3,3-Dichlorobenzidine	µg/kg		76 U					120 U	2,000 UJ	
3,6-Dimethyl undecane	µg/kg									
3-Methyl phenanthrene	µg/kg									
3-Methylcyclopentylbenzene	µg/kg									
3-Nitroaniline	µg/kg		190 U					310 U	5,000 UJ	
4,6-Dimethyl undecane	µg/kg									
4,9-Dipropyldodecane	µg/kg									
4-Bromophenyl-phenyl ether	µg/kg		76 U					120 U	2,000 UJ	
4-Chloro-3-methylphenol	µg/kg		76 U					120 U	2,000 UJ	
4-Chloroaniline	µg/kg		76 U					120 U	2,000 UJ	
4-Chlorophenyl-phenyl ether	µg/kg		76 U					120 U	2,000 UJ	
4-Methyl-biphenyl	µg/kg									
4-Methylphenol	µg/kg		76 U					120 U	2,000 UJ	
4-Nitroaniline	µg/kg		190 U					310 U	5,000 UJ	
4-Nitrophenol	µg/kg		190 U					310 U	5,000 UJ	
5-Methylene-5h-dibenzo[a,d]cycloheptene	µg/kg									
5-Propyl tridecane	µg/kg									
7-Methyl tridecane	µg/kg									
9-Octylheptadecane	µg/kg									
Acenaphthene	µg/kg		41 J	7,400 J		1,800 UJ	310 J	190	2,000 UJ	1,700 J
Acenaphthylene	µg/kg		82	6,300 J		3,500 U	370 J	120 J	2,000 UJ	1,600 UJ
Anthracene	µg/kg		230	1,200 J		230 J	28 UJ	490	2,000 UJ	120 J
Benz(a)anthracene	µg/kg		490	3,700 J		640 J	28 U	780	510 J	260 J

Table I-3. (cont.)

Analyte	Units	Date Station	8/5/92 S113	8/6/92 S12	Date Station	8/6/92 S18	8/6/92 S26	8/6/92 S6	8/7/92 S27	8/7/92 S40
Benzo(a)pyrene	µg/kg		480	2,500 J		250 J	22 J	870	590 J	330 J
Benzo(b)fluoranthene	µg/kg		550	5,300 J		2,200	120 J	1,300	2,000 UJ	530 J
Benzo(g,h,i)perylene	µg/kg		130	4,900 J		2,200	57 U	290	2,000 UJ	1,100 J
Benzo(k)fluoranthene	µg/kg		76 U	2,100 J		180 U	43	120 U	2,000 UJ	230 J
Benzo[e]pyrene	µg/kg									
Beta-methyl-beta-phenyl-benzeneethanol	µg/kg									
Bis(2-chloroethoxy)methane	µg/kg		76 U					120 U	2,000 UJ	
Bis(2-chloroethyl)ether	µg/kg		76 U					120 U	2,000 UJ	
Bis(2-ethylhexyl)phthalate	µg/kg		26 J					350	2,700 J	
Butylbenzylphthalate	µg/kg		76 U					120 U	2,000 UJ	
Carbazole	µg/kg		20 J					120 U	2,000 UJ	
Chrysene	µg/kg		500	7,200 J		1,400 J	14 J	790	730 J	630 J
Cyclohexyl benzene	µg/kg									
Cyclopentyl benzene	µg/kg									
Dibenz(a,h)anthracene	µg/kg		62 J	710 J		350 U	57 U	120 J	2,000 UJ	170 J
Dibenzofuran	µg/kg		18 J					43 J	2,000 UJ	
Dichlorobenzene, non-specific	µg/kg		76 U	11 UJ		11 UJ	8.0 U	137 J	2,000 UJ	20 J
Dichlorobenzenes (Sum)	µg/kg		76 U	11 U		11 U	8.0 U	137	2,000 U	20
Diethylphthalate	µg/kg		76 U					120 U	2,000 UJ	
Dimethylphthalate	µg/kg		76 U					120 U	2,000 UJ	
Di-n-butylphthalate	µg/kg		76 U					120 U	2,000 UJ	
Di-n-octylphthalate	µg/kg		76 U					120 U	2,000 UJ	
Fluoranthene	µg/kg		600	15,000 BJ		5,200 BJ	640 BJ	910	1,100 J	2,100 BJ
Fluorene	µg/kg		82	1,000 J		240 J	57 U	160	2,000 UJ	160 J
Heptadecane	µg/kg									
Hexachlorobenzene	µg/kg		76 U	28		7.2 U	5.6 U	120 U	2,000 UJ	15 U
Hexachlorobutadiene	µg/kg		76 U					120 U	2,000 UJ	
Hexachlorocyclopentadiene	µg/kg		76 U					120 U	2,000 UJ	
Hexachloroethane	µg/kg		76 U					120 U	2,000 UJ	
Hexadecane	µg/kg		32 J						5,400 J	
Indeno(1,2,3-cd)pyrene	µg/kg		150	370 UJ		240	28 U	320	2,000 UJ	630 J
Isophorone	µg/kg		76 U					120 U	2,000 UJ	
Naphthalene	µg/kg		76 U	6,000 J		1,800 U	160 J	81 J	2,000 UJ	700 J
Nitrobenzene	µg/kg		76 U					120 U	2,000 UJ	
N-nitroso-di-n-propylamine	µg/kg		76 U					120 U	2,000 UJ	
N-Nitrosodiphenylamine(1)	µg/kg		76 U					120 U	2,000 UJ	
PAH-high MW	µg/kg									
PAH-low MW	µg/kg									
Pentachlorophenol	µg/kg		190 U					310 U	5,000 UJ	
Phenanthrene	µg/kg		370	3,300 J		780 J	28 UJ	740	540 J	300 J
Phenol	µg/kg		76 U					120 U	2,000 UJ	
Pyrene	µg/kg		750	6,700 J		130 J	28 UJ	1,200	1,100 J	670 J
Total benzofluoranthenes (b + k)	µg/kg									
Trichlorobenzene	µg/kg			11 UJ		11 UJ	8.0 U			23 UJ
Trichlorobenzenes (Sum)	µg/kg		76 U	11 U		11 U	8.0 U	43	2,000 U	23 U
Pesticides and PCBs										
4,4'-DDD	µg/kg		5.6 U					4.6 U	15 U	
4,4'-DDE	µg/kg		5.6 U					4.6 U	15 U	

Table I-3. (cont.)

Analyte	Units	Date Station	8/5/92 S113	8/6/92 S12	Date Station	8/6/92 S18	8/6/92 S26	8/6/92 S6	8/7/92 S27	8/7/92 S40
4,4'-DDT	µg/kg		5.6 U					4.6 U	15 U	
Aldrin	µg/kg		2.9 U					2.4 U	7.6 U	
alpha-BHC	µg/kg		2.9 U					2.4 U	7.6 U	
alpha-Chlordane	µg/kg		2.9 U					2.4 U	7.6 U	
Aroclor-1016	µg/kg		56 U	75 UJ		72 UJ	56 U	46 U	150 U	150 U
Aroclor-1221	µg/kg		110 U	75 UJ		72 UJ	56 UJ	93 U	300 U	150 UJ
Aroclor-1232	µg/kg		56 U	75 UJ		72 UJ	56 U	46 U	150 U	150 UJ
Aroclor-1242	µg/kg		56 U	75 UJ		72 UJ	56 U	46 U	150 U	150 U
Aroclor-1248	µg/kg		56 U	290		640	56 U	46 U	150 UJ	92 J
Aroclor-1254	µg/kg		56 U	75 UJ		72 UJ	56 U	46 U	100 J	150 U
Aroclor-1260	µg/kg		56 U	560		160	56 U	46 U	150 U	150 U
beta-BHC	µg/kg		2.9 U					2.4 U	7.6 U	
Chlordane (Sum)	µg/kg		2.9 U					2.4 U	7.6 U	
DDT and metabolites	µg/kg		5.6 U					4.6 U	15 U	
delta-BHC	µg/kg		2.9 U					2.4 U	7.6 U	
Dieldrin	µg/kg		5.6 U					4.6 U	15 U	
Endosulfan I	µg/kg		2.9 U					2.4 U	7.6 U	
Endosulfan II	µg/kg		5.6 U					4.6 U	15 U	
Endosulfan sulfate	µg/kg		5.6 U					4.6 U	15 U	
Endrin aldehyde	µg/kg		5.6 U					4.6 U	15 U	
Endrin ketone	µg/kg		5.6 U					4.6 U	15 U	
Endrin	µg/kg		5.6 U					4.6 U	15 U	
gamma-BHC (Lindane)	µg/kg		2.9 U					2.4 U	7.6 U	
gamma-Chlordane	µg/kg		2.9 U					2.4 U	7.6 U	
Heptachlor epoxide	µg/kg		2.9 U					2.4 U	7.6 U	
Heptachlor	µg/kg		2.9 U					2.4 U	7.6 U	
Methoxychlor	µg/kg		29 U					24 U	76 U	
PCBs (Sum)	µg/kg		56 U	850		800	56 U	46 U	175	167
Polychlorinated biphenyls	µg/kg		56 U	850		800	56 U	46 U	100 J	92 J
Toxaphene	µg/kg		290 U					240 U	760 U	

Table I-3. (cont.)

Analyte	Units	Date / Station	8/7/92 S51	8/7/92 S56	8/7/92 S61	8/9/92 S19	8/9/92 S4
Conventional Analytes							
Acid-volatile sulfide	mg/kg		1,800	4,000	200	1,200	3,100
Calcium carbonate	%-dw		54	53	64	45	64
Chloride-Calculated	mg/kg		726	660	382	444	379
Chloride-Measured	mg/kg		2,200	2,300	300	730	970
Percent moisture	%-ww		75	78	44	62	72
Total organic carbon	%-dw		3.1	3.0	0.6	2.5	2.8
Total solids	%-ww		25 M	22 M	56 M	38	28
Percent clay	%-ww		7.9	7.0	0.8	5.3	2.8
Percent fines (clay & silt)	%-dw		97	98	4.6	86	75
Percent sand	%-ww		0.6	0.7	55	4.6	6.9
Percent silt	%-ww		16	15	1.8	27	18
Metals							
Aluminum	mg/kg		3,970				
Antimony	mg/kg		7.5 UJ				
Arsenic	mg/kg		4.3 B				
Barium	mg/kg		120 B				
Beryllium	mg/kg		0.7 U				
Cadmium	mg/kg		2.8 B	1.7 BJ	3.1 J	4.7	2.4 B
Calcium	mg/kg		184,000	180,000 J	208,000 J	132,000	204,000
Chromium	mg/kg		60	52 J	80 J	69	66
Cobalt	mg/kg		6.7 B				
Copper	mg/kg		58	44 J	36 J	71	60
Cyanide	mg/kg		3.8 U				
Iron	mg/kg		12,000				
Lead	mg/kg		57	47 J	18 J	83 J	89 J
Magnesium	mg/kg		5,630	6,550	3,150	8,660	6,710
Manganese	mg/kg		275 J				
Mercury	mg/kg		2.5	3.2	0.9	2.0	20
Nickel	mg/kg		31	28 B	9.2 B	24	22
Potassium	mg/kg		396 B				
Selenium	mg/kg		0.9 B				
Silver	mg/kg		1.4 UJ				
Sodium	mg/kg		1,760 B				
Thallium	mg/kg		0.6 U				
Vanadium	mg/kg		12 B				
Zinc	mg/kg		153	139 J	75 J	193 J	138 J
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/kg		42 UJ				
1,1,2,2-Tetrachloroethane	µg/kg		42 UJ				
1,1,2-Trichloroethane	µg/kg		42 UJ				
1,1-Dichloroethane	µg/kg		42 UJ				
1,1-Dichloroethene	µg/kg		42 UJ				
1,2-Dichloroethane	µg/kg		42 UJ				
1,2-Dichloroethene (Total)	µg/kg		42 UJ				
1,2-Dichloropropane	µg/kg		42 UJ				
2-Butanone	µg/kg		42 UJ				
2-Hexanone	µg/kg		42 UJ				

Table I-3. (cont.)

Analyte	Units	Date / Station	8/7/92 S51	8/7/92 S56	8/7/92 S61	8/9/92 S19	8/9/92 S4
4-Methyl-2-pentanone	µg/kg		42 UJ				
Acetone	µg/kg		450 J				
Benzene	µg/kg		42 UJ	8.0 J	9.0 U	13 UJ	30 J
Bromodichloromethane	µg/kg		42 UJ				
Bromoform	µg/kg		42 UJ				
Bromomethane	µg/kg		42 UJ				
Carbon disulfide	µg/kg		42 UJ				
Carbon Tetrachloride	µg/kg		42 UJ				
Chlorobenzene	µg/kg		27 J	23 U	9.0 U	13 UJ	580 J
Chloroethane	µg/kg		42 UJ				
Chloroform	µg/kg		42 UJ				
Chloromethane	µg/kg		42 UJ				
Cis-1,3-dichloropropene	µg/kg		42 UJ				
Dibromochloromethane	µg/kg		42 UJ				
Ethylbenzene	µg/kg		42 UJ	23 U	9.0 U	13 UJ	30 UJ
Isopropanol	µg/kg						
Methylene chloride	µg/kg		51 J				
Pentachloro benzene	µg/kg			15 UJ	5.9 U	8.7 U	8.7 J
Styrene	µg/kg		42 UJ				
Tetrachlorobenzene (mixed)	µg/kg			15 UJ	5.9 U	14	49
Tetrachloroethene	µg/kg		42 UJ				
Toluene	µg/kg		42 UJ	23 U	9.0 U	13 UJ	29 J
Trans-1,3-dichloropropene	µg/kg		42 UJ				
Trichloroethene	µg/kg		42 UJ				
Vinyl chloride	µg/kg		42 UJ				
Xylene (Total)	µg/kg		42 UJ	23 U	9.0 U	13 UJ	30 UJ
Semivolatile Organic Compounds							
1,1'-(1-methylethylidene)bis-benzene	µg/kg						
1,1'(3methyl1propene1,3diyl)bis-benzene	µg/kg						
1,2,3,4-Tetrachlorobenzene	µg/kg			15 UJ	5.9 U	8.7 U	23
1,2,3-Trichlorobenzene	µg/kg			23 U	9.0 U	13 UJ	30 UJ
1,2,3-Trimethyl-4-propenyl naphthalene	µg/kg						
1,2,4-Trichlorobenzene	µg/kg		360 U	23 U	9.0 U	13 UJ	30 UJ
1,2-Dichlorobenzene	µg/kg		360 U	23 U	9.0 U	13 UJ	59 J
1,2-Dimethylnaphthalene	µg/kg						
1,3,5-Trichlorobenzene	µg/kg			23 U	9.0 U	13 UJ	30 UJ
1,3-Dichlorobenzene	µg/kg		360 U	23 U	9.0 U	13 UJ	58 J
1,4,5-Trimethylnaphthalene	µg/kg						
1,4-Dichlorobenzene	µg/kg		360 U	23 U	9.0 U	15 J	520 J
1,4-Dimethyl naphthalene	µg/kg						
1,6-Dimethyl naphthalene	µg/kg						
11h-Benzo[a]fluorene	µg/kg						
11h-Benzo[b]fluorene	µg/kg						
1-Methyl phenanthrene	µg/kg						
1-Methylhexyl benzene	µg/kg						
1-Methylnaphthalene	µg/kg		300 J				
1-Methylpyrene	µg/kg						
2,2'-Oxybis(1-chloropropane)	µg/kg		360 U				

Table I-3. (cont.)

Analyte	Units	Date / Station	8/7/92 S51	8/7/92 S56	8/7/92 S61	8/9/92 S19	8/9/92 S4
2,3,6-Trimethyl octane	µg/kg		370 J				
2,3-Dihydro-1h-inden-1-one	µg/kg						
2,3-Dihydro-1-methyl-3-phenyl-1h-inden,	µg/kg						
2,4,5-Trichlorophenol	µg/kg		890 U				
2,4,6-Trichlorophenol	µg/kg		360 U				
2,4-Dichlorophenol	µg/kg		360 U				
2,4-Dimethylphenol	µg/kg		360 U				
2,4-Dinitrophenol	µg/kg		890 U				
2,4-Dinitrotoluene	µg/kg		360 U				
2,5-bis(1,1-dimethyletyl)-thiophene	µg/kg						
2,6,11-Trimethyldodecane	µg/kg						
2,6-Dinitrotoluene	µg/kg		360 U				
2,7,10-Trimethyldodecane	µg/kg		220 J				
2-Chloronaphthalene	µg/kg		360 U				
2-Chlorophenol	µg/kg		360 U				
2-Ethenyl naphthalene	µg/kg						
2-Ethyl-1-hexanamine	µg/kg						
2-Ethyl-1-hexanol	µg/kg						
2-Methyl-4,6-dinitrophenol	µg/kg		890 U				
2-Methylnaphthalene	µg/kg		360 U				
2-Methylphenol	µg/kg		360 U				
2-Nitroaniline	µg/kg		890 U				
2-Nitrophenol	µg/kg		360 U				
2-Phenyl naphthalene	µg/kg						
3-(2-Phenylethenly)-benzenamine	µg/kg						
3,3-Dichlorobenzidine	µg/kg		360 U				
3,6-Dimethyl undecane	µg/kg		370 J				
3-Methyl phenanthrene	µg/kg						
3-Methylcyclopentylbenzene	µg/kg						
3-Nitroaniline	µg/kg		890 U				
4,6-Dimethyl undecane	µg/kg						
4,9-Dipropyldodecane	µg/kg						
4-Bromophenyl-phenyl ether	µg/kg		360 U				
4-Chloro-3-methylphenol	µg/kg		360 U				
4-Chloroaniline	µg/kg		360 U				
4-Chlorophenyl-phenyl ether	µg/kg		360 U				
4-Methyl-biphenyl	µg/kg						
4-Methylphenol	µg/kg		360 U				
4-Nitroaniline	µg/kg		890 U				
4-Nitrophenol	µg/kg		890 U				
5-Methylene-5h-dibenzo[a,d]cycloheptene	µg/kg						
5-Propyl tridecane	µg/kg						
7-Methyl tridecane	µg/kg						
9-Octylheptadecane	µg/kg						
Acenaphthene	µg/kg		360 U	720 U	730	890 J	2,900 UJ
Acenaphthylene	µg/kg		360 U	670 J	770 J	2,300 J	5,800 UJ
Anthracene	µg/kg		86 J	57 J	130 J	210 J	210 J
Benz(a)anthracene	µg/kg		170 J	170	350 J	490 J	340 J

Table I-3. (cont.)

Analyte	Units	Date / Station	8/7/92 S51	8/7/92 S56	8/7/92 S61	8/9/92 S19	8/9/92 S4
Benzo(a)pyrene	µg/kg		220 J	180	280	540 J	330 J
Benzo(b)fluoranthene	µg/kg		360 U	330	350 J	1,600 J	2,200 J
Benzo(g,h,i)perylene	µg/kg		360 U	520	520	1,400 J	1,600 J
Benzo(k)fluoranthene	µg/kg		360 U	140	250	330 J	290 UJ
Benzo[e]pyrene	µg/kg						
Beta-methyl-beta-phenyl-benzeneethanol	µg/kg						
Bis(2-chloroethoxy)methane	µg/kg		360 U				
Bis(2-chloroethyl)ether	µg/kg		360 U				
Bis(2-ethylhexyl)phthalate	µg/kg		940				
Butylbenzylphthalate	µg/kg		360 U				
Carbazole	µg/kg		360 U				
Chrysene	µg/kg		250 J	330	540 J	980 J	420 J
Cyclohexyl benzene	µg/kg						
Cyclopentyl benzene	µg/kg						
Dibenz(a,h)anthracene	µg/kg		360 U	99 J	98 J	270 J	580 UJ
Dibenzofuran	µg/kg		360 U				
Dichlorobenzene, non-specific	µg/kg		360 U	23 U	9.0 U	15 J	637 J
Dichlorobenzenes (Sum)	µg/kg		360 U	23 U	9.0 U	15	637
Diethylphthalate	µg/kg		360 U				
Dimethylphthalate	µg/kg		360 U				
Di-n-butylphthalate	µg/kg		360 U				
Di-n-octylphthalate	µg/kg		360 U				
Fluoranthene	µg/kg		290 J	1,400 BJ	1,000 BJ	4,400 J	2,200 J
Fluorene	µg/kg		360 U	77 J	120 J	190 J	380 J
Heptadecane	µg/kg		2,900 J				
Hexachlorobenzene	µg/kg		360 U	15 UJ	12	7.2 J	83
Hexachlorobutadiene	µg/kg		360 U				
Hexachlorocyclopentadiene	µg/kg		360 U				
Hexachloroethane	µg/kg		360 U				
Hexadecane	µg/kg		520 J				
Indeno(1,2,3-cd)pyrene	µg/kg		360 U	230	59 U	290 J	410 J
Isophorone	µg/kg		360 U				
Naphthalene	µg/kg		360 U	410 J	600	1,400 J	1,800 J
Nitrobenzene	µg/kg		360 U				
N-nitroso-di-n-propylamine	µg/kg		360 U				
N-Nitrosodiphenylamine(1)	µg/kg		360 U				
PAH-high MW	µg/kg						
PAH-low MW	µg/kg						
Pentachlorophenol	µg/kg		890 U				
Phenanthrene	µg/kg		190 J	96	480 J	500 J	300 J
Phenol	µg/kg		360 U				
Pyrene	µg/kg		390	400 J	870 J	1,400 J	740 J
Total benzofluoranthenes (b + k)	µg/kg						
Trichlorobenzene	µg/kg			23 U	9.0 U	13 UJ	30 UJ
Trichlorobenzenes (Sum)	µg/kg		360 U	23 U	9.0 U	13 U	30 U
Pesticides and PCBs							
4,4'-DDD	µg/kg		13 UJ				
4,4'-DDE	µg/kg		13 UJ				

Table I-3. (cont.)

Analyte	Units	Date / Station	8/7/92 S51	8/7/92 S56	8/7/92 S61	8/9/92 S19	8/9/92 S4
4,4'-DDT	µg/kg		13 UJ				
Aldrin	µg/kg		6.7 UJ				
alpha-BHC	µg/kg		6.7 UJ				
alpha-Chlordane	µg/kg		6.7 UJ				
Aroclor-1016	µg/kg		130 UJ	150 U	59 UJ	87 UJ	120 UJ
Aroclor-1221	µg/kg		260 UJ	150 UJ	59 UJ	87 U	120 U
Aroclor-1232	µg/kg		130 UJ	150 U	59 UJ	87 UJ	120 UJ
Aroclor-1242	µg/kg		130 UJ	150 U	59 UJ	87 UJ	120 UJ
Aroclor-1248	µg/kg		130 UJ	150 U	70	470	410
Aroclor-1254	µg/kg		77 J	150 U	59 UJ	87 UJ	120 UJ
Aroclor-1260	µg/kg		130 UJ	150 U	52 J	240	660
beta-BHC	µg/kg		6.7 UJ				
Chlordane (Sum)	µg/kg		6.7 U				
DDT and metabolites	µg/kg		13 U				
delta-BHC	µg/kg		6.7 UJ				
Dieldrin	µg/kg		13 UJ				
Endosulfan I	µg/kg		6.7 UJ				
Endosulfan II	µg/kg		13 UJ				
Endosulfan sulfate	µg/kg		13 UJ				
Endrin aldehyde	µg/kg		13 UJ				
Endrin ketone	µg/kg		13 UJ				
Endrin	µg/kg		13 UJ				
gamma-BHC (Lindane)	µg/kg		6.7 UJ				
gamma-Chlordane	µg/kg		6.7 UJ				
Heptachlor epoxide	µg/kg		6.7 UJ				
Heptachlor	µg/kg		6.7 UJ				
Methoxychlor	µg/kg		67 UJ				
PCBs (Sum)	µg/kg		142	150 U	122	710	1,070
Polychlorinated biphenyls	µg/kg		77 J	150 U	122 J	710	1,070
Toxaphene	µg/kg		670 UJ				

Table I-4. 1992 Onondaga Lake Sediment (0-30 cm)

Analyte	Units	Date / Station	5/7/92 S10	5/7/92 S6	5/8/92 S1	5/8/92 S20	5/8/92 S36	5/8/92 S51	5/9/92 S113	5/9/92 S114	5/9/92 S53
Conventional Analytes											
Acid-volatile sulfide	mg/kg		640 J	200 J	160 J	20 UJ	420 J	3,400 J	20 UJ	370 J	20 UJ
Calcium carbonate	%-dw		52	36	59	76	88	44	87	82	57
Chloride-Calculated	mg/kg-ww		748	3,115	938	2,224	9,567	1,404	537	1,145	11,056
Chloride-Measured	mg/kg		590	1,000	780	2,400	7,100	4,700	400	1,100	20,000
Percent moisture	%-ww		44	24	45	52	43	77	43	49	64
Total organic carbon	%-dw		1.8	0.4	1.6	0.6	0.1	4.3	0.9 J	1.0 J	0.5 J
Total solids	%-ww		56	76	55	48	57	23	57	51	36
Percent clay	%-ww		2.5	0.9	1.8	0.7	1.8	4.2	2.4	4.0	2.7
Percent sand	%-ww		41	72	35	20	46	0.5	45	28	18
Percent silt	%-ww		14	3.7	19	29	10	18	10	18	14
Metals											
Aluminum	mg/kg		2,510	1,530	2,560	2,830	805	7,360	427 J	794 J	5,160 J
Antimony	mg/kg		3.4 U	2.3 B	3.5 B	4.7 B	2.5 U	8.6 U	7.1 B	2.9 B	9.0 B
Arsenic	mg/kg		2.4 B	2.0	6.8	6.8	2.5	7.1	0.4 B	0.7 B	8.0
Barium	mg/kg		134	39	274	561	109	187	105	83	708
Beryllium	mg/kg		0.3 U	0.2 U	0.3 B	0.3 U	0.3 U	0.9 U	0.3 U	0.3 U	0.5 U
Cadmium	mg/kg		4.4	0.4 U	3.2	1.2 B	0.5 U	16	0.5 U	0.5 U	1.1 U
Calcium	mg/kg		179,000	107,000	186,000	317,000	315,000	206,000	339,000	292,000	255,000
Chromium	mg/kg		62	6.8	67	16	49	313	6.5	9.2	6.6
Cobalt	mg/kg		3.2 B	2.2 B	4.2 B	1.9 B	9.0 B	9.9 B	0.5 U	1.3 B	2.4 B
Copper	mg/kg		64	21	70	39	18	162	3.8 B	6.3	13 B
Iron	mg/kg		7,360	4,700	6,580	3,030	5,860	16,800	1,520	2,240	5,440
Lead	mg/kg		81	1,170	174	28	121	194	2.5	11	7.6
Magnesium	mg/kg		6,490	12,200	8,080	10,900	3,230	7,160	2,950	2,810	28,800
Manganese	mg/kg		256	164	186	157	201	250	144	139	244
Mercury	mg/kg		2.0	0.4	23	3.0	0.1 U	11	0.2 J	0.3 J	0.5 UJ
Nickel	mg/kg		16	4.4 B	33	14	14	82	2.7 B	4.5 B	6.9 B
Potassium	mg/kg		287 B	199 B	278 B	254 B	100 B	1,180 B	90 B	172 B	121 U
Selenium	mg/kg		0.7 BU	0.2 U	0.7 BUJ	0.4 BU	0.3 BUJ	0.9 BU	0.3 UJ	0.5 BJ	1.0 BJ
Silver	mg/kg		0.9 B	0.4 U	3.4	0.6 B	0.7 B	6.4 B	0.9 B	0.9 BJ	1.1 UJ
Sodium	mg/kg		721 B	821 B	1,040 B	3,560	5,540	3,480 B	612 B	1,040 B	5,970
Thallium	mg/kg		0.6 BJ	0.2 U	0.7 BJ	0.5 B	0.2 UJ	0.9 B	0.3 U	0.3 U	0.7 BJ
Vanadium	mg/kg		5.0 B	2.5 B	4.6 B	2.0 B	7.2 B	19 B	1.0 U	1.0 U	5.2 B
Zinc	mg/kg		159	56	113	33	56	414	14	25	16
Volatile Organic Compounds											
1,1,1-Trichloroethane	µg/kg		15 U	11 U	5,300 U	5,900 U	13 U	29 U	20 U	11 U	63 U
1,1,2,2-Tetrachloroethane	µg/kg		15 U	11 U	5,300 U	5,900 U	13 U	29 U	20 U	11 U	63 U
1,1,2-Trichloroethane	µg/kg		15 U	11 U	5,300 U	5,900 U	13 U	29 U	20 U	11 U	63 U
1,1-Dichloroethane	µg/kg		15 U	11 U	5,300 U	5,900 U	13 U	29 U	20 U	11 U	63 U
1,1-Dichloroethene	µg/kg		15 U	11 U	5,300 U	5,900 U	13 U	29 U	20 U	11 U	63 U
1,2-Dichloroethane	µg/kg		15 U	11 U	5,300 U	5,900 U	13 U	29 U	20 U	11 U	63 U
1,2-Dichloroethene (Total)	µg/kg		15 U	11 U	5,300 U	5,900 U	13 U	29 U	20 U	11 U	63 U
1,2-Dichloropropane	µg/kg		15 U	11 U	5,300 U	5,900 U	13 U	29 U	20 U	11 U	63 U
2-Butanone	µg/kg		15 U	11 U	5,300 U	5,900 U	13 U	200	20 U	11 U	45 J
2-Hexanone	µg/kg		15 U	11 U	5,300 U	5,900 U	13 U	29 U	20 U	11 U	63 U

Table I-4. (cont.)

Analyte	Units	Date / Station	5/7/92 S10	5/7/92 S6	5/8/92 S1	5/8/92 S20	5/8/92 S36	5/8/92 S51	5/9/92 S113	5/9/92 S114	5/9/92 S53
4-Methyl-2-pentanone	µg/kg		15 U	11 U	5,300 U	5,900 U	13 U	29 U	20 U	11 U	63 U
Acetone	µg/kg		15 U	41	5,300 U	5,900 U	54	740 J	110 J	74	160 J
Benzene	µg/kg		15 U	11 U	5,900	5,000 J	13 U	41	20 U	21	900
Bromodichloromethane	µg/kg		15 U	11 U	5,300 U	5,900 U	13 U	29 U	20 U	11 U	63 U
Bromoform	µg/kg		15 U	11 U	5,300 U	5,900 U	13 U	29 U	20 U	11 U	63 U
Bromomethane	µg/kg		15 U	11 U	5,300 U	5,900 U	13 U	29 U	20 U	11 U	63 U
Carbon disulfide	µg/kg		15 U	11 U	5,300 U	5,900 U	13 U	28 J	20 U	11 U	63 U
Carbon Tetrachloride	µg/kg		15 U	11 U	5,300 U	5,900 U	13 U	29 U	20 U	11 U	63 U
Chlorobenzene	µg/kg		15 U	11 U	46,000	4,800 J	13 U	240	20 U	11 U	63 U
Chloroethane	µg/kg		15 U	11 U	5,300 U	5,900 U	13 U	29 U	20 U	11 U	63 U
Chloroform	µg/kg		15 U	11 U	5,300 U	5,900 U	13 U	29 U	20 U	11 U	63 U
Chloromethane	µg/kg		15 U	11 U	5,300 U	5,900 U	13 U	29 U	20 U	11 U	63 U
Cis-1,3-dichloropropene	µg/kg		15 U	11 U	5,300 U	5,900 U	13 U	29 U	20 U	11 U	63 U
Dibromochloromethane	µg/kg		15 U	11 U	5,300 U	5,900 U	13 U	29 U	20 U	11 U	63 U
Ethylbenzene	µg/kg		15 U	11 U	5,200 J	9,100	13 U	29 U	20 U	11 U	63 U
Isopropanol	µg/kg		29 J	16 J			8.0 J		22 J	10 J	88 J
Pentachloro benzene	µg/kg										
Styrene	µg/kg		15 U	11 U	5,300 U	5,900 U	13 U	29 U	20 U	11 U	63 U
Tetrachlorobenzene (mixed)	µg/kg										
Tetrachloroethene	µg/kg		15 U	11 U	5,300 U	5,900 U	13 U	29 U	20 U	11 U	63 U
Toluene	µg/kg		15 U	11 U	8,600	12,000	13 U	16 J	20 U	13	260
Trans-1,3-dichloropropene	µg/kg		15 U	11 U	5,300 U	5,900 U	13 U	29 U	20 U	11 U	63 U
Trichloroethene	µg/kg		15 U	11 U	5,300 U	5,900 U	13 U	29 U	20 U	11 U	63 U
Vinyl chloride	µg/kg		15 U	11 U	5,300 U	5,900 U	13 U	29 U	20 U	11 U	63 U
Xylene (Total)	µg/kg		15 U	11 U	73,000	110,000	13 U	150	20 U	11 U	45 J
Semivolatile Organic Compounds											
1-(1,1-Dimethylethyl) benzene	µg/kg				47,000 J						
1,1'-(1-methylethylidene)bis-benzene	µg/kg										
1,1'(3methyl1propene1,3diyl)bis-benzer	µg/kg					31,000 J	1,900 J				
1,1-Diphenyl-2-propanone	µg/kg				8,300 J						
1,1'-Ethylidenebis-benzene	µg/kg										
1,2,3,4-Tetrachlorobenzene	µg/kg										
1,2,3-Trichlorobenzene	µg/kg										
1,2,4-Trichlorobenzene	µg/kg		630 UJ	1,200 UJ	5,700 J	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	120 U
1,2,4-Trimethylbenzene	µg/kg										
1,2-Dichlorobenzene	µg/kg		180 J	1,200 UJ	6,000 J	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	120 U
1,2-Dimethylnaphthalene	µg/kg		260 J	970 J							
1,3,5-Trichlorobenzene	µg/kg										
1,3,5-Trimethylbenzene	µg/kg					14,000 J					
1,3-Dichlorobenzene	µg/kg		630 UJ	1,200 UJ	5,700 UJ	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	120 U
1,3-Dimethylbutylbenzene	µg/kg				110,000 J						
1,4,5-Trimethylnaphthalene	µg/kg		260 J								
1,4-Dichlorobenzene	µg/kg		410 J	1,200 UJ	15,000 J	1,100 J	3,100 UJ	1,900 UJ	77 U	86 UJ	120 U
1,4-Dihydro-1,4-methanonaphthalene	µg/kg			2,700 J							
1,4-Dimethyl naphthalene	µg/kg										
11h-Benzo[a]fluorene	µg/kg			2,200 J			3,200 J				

Table I-4. (cont.)

Analyte	Units	Date / Station	5/7/92 S10	5/7/92 S6	5/8/92 S1	5/8/92 S20	5/8/92 S36	5/8/92 S51	5/9/92 S113	5/9/92 S114	5/9/92 S53
11h-Benzo[b]fluorene	µg/kg			970 J							
1-Ethyl-4-methyl-benzene	µg/kg				43,000 J	20,000 J					
1-Ethylbutyl-benzene	µg/kg					16,000 J					
1-Iododecane	µg/kg										77 J
1-Methyl phenanthrene	µg/kg			1,200 J							
1-Methyl-benz[a]anthracene	µg/kg						2,600 J				
1-Methylbutyl benzene	µg/kg				72,000 J	17,000 J					
1-Methylheptyl benzene	µg/kg				7,100 J						
1-Methylhexyl benzene	µg/kg				44,000 J						
1-Methylnaphthalene	µg/kg		260 J	970 J	24,000 J	10,000 J	1,900 J	1,200 J	32 J	54 J	900 J
1-Methylpentyl benzene	µg/kg					27,000 J					
1-Methylpropyl benzene	µg/kg				89,000 J	19,000 J					
1-Methylpyrene	µg/kg			970 J			3,200 J				
1-Propynyl benzene	µg/kg					15,000 J					
2,2'-Oxybis(1-chloropropane)	µg/kg		630 UJ	1,200 UJ	5,700 UJ	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	120 U
2,3,6-Trimethyl octane	µg/kg										
2,3,7-Trimethyl octane	µg/kg							1,600 J			
2,3-Dihydro-1,1,4-1h-indene	µg/kg				49,000 J	35,000 J					
2,3-Dihydro-1h-inden-1-one	µg/kg					3,800 J					
2,3-Dihydro-1-methyl-3-phenyl-1h-inde	µg/kg										
2,4,5-Trichlorophenol	µg/kg		1,600 UJ	2,900 UJ	14,000 UJ	11,000 UJ	7,800 UJ	4,800 UJ	190 U	210 UJ	310 UR
2,4,6-Trichlorophenol	µg/kg		630 UJ	1,200 UJ	5,700 UJ	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	120 UR
2,4-Dichlorophenol	µg/kg		630 UJ	1,200 UJ	5,700 UJ	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	120 UR
2,4-Dimethylphenol	µg/kg		630 UJ	1,200 UJ	5,700 UJ	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	120 UR
2,4-Dinitrophenol	µg/kg		1,600 UJ	2,900 UJ	14,000 UJ	11,000 UJ	7,800 UJ	4,800 UJ	190 U	210 UJ	310 UR
2,4-Dinitrotoluene	µg/kg		630 UJ	1,200 UJ	5,700 UJ	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	120 U
2,5-bis(1,1-dimethyletyl)-thiophene	µg/kg					3,800 J					
2,5-Dimethyl phenanthrene	µg/kg						1,900 J				
2,6-Dinitrotoluene	µg/kg		630 UJ	1,200 UJ	5,700 UJ	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	120 U
2,7,10-Trimethyldodecane	µg/kg										
2-Chloronaphthalene	µg/kg		630 UJ	1,200 UJ	5,700 UJ	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	120 U
2-Chlorophenol	µg/kg		630 UJ	1,200 UJ	5,700 UJ	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	120 UR
2-Ethyl-1-hexanamine	µg/kg				39,000						
2-Fluoro-biphenyl	µg/kg							810 J			
2-Methyl-4,6-dinitrophenol	µg/kg		1,600 UJ	2,900 UJ	14,000 UJ	11,000 UJ	7,800 UJ	4,800 UJ	190 U	210 UJ	310 UR
2-Methyl-anthracene	µg/kg		520 J	730 J							
2-Methylnaphthalene	µg/kg		460 J	390 J	5,100 J	4,500 J	1,000 J	1,900 UJ	77 U	86 UJ	120 U
2-Methylphenol	µg/kg		630 UJ	1,200 UJ	5,700 UJ	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	30 J
2-Methylpyrene	µg/kg			1,200 J			2,600 J				
2-Nitroaniline	µg/kg		1,600 UJ	2,900 UJ	14,000 UJ	11,000 UJ	7,800 UJ	4,800 UJ	190 U	210 UJ	310 U
2-Nitrophenol	µg/kg		630 UJ	1,200 UJ	5,700 UJ	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	120 UR
2-Phenyl naphthalene	µg/kg			970 J							
3-(2-Phenylethenly)-benzenamine	µg/kg					8,600 J					
3,3-Dichlorobenzidine	µg/kg		630 UJ	1,200 UJ	5,700 UJ	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	120 U
3,5-Dichloro-2-hydroxy-benzaldehyde	µg/kg		1,400 J				3,200 J				
3,6-Dimethyl phenanthrene	µg/kg						1,900 J				

Table I-4. (cont.)

Analyte	Units	Date / Station	5/7/92 S10	5/7/92 S6	5/8/92 S1	5/8/92 S20	5/8/92 S36	5/8/92 S51	5/9/92 S113	5/9/92 S114	5/9/92 S53
3,6-Dimethyl undecane	µg/kg										
3-Methyl phenanthrene	µg/kg			1,500 J			1,900 J				
3-Methylcyclopentylbenzene	µg/kg				19,000 J						
3-Nitroaniline	µg/kg		1,600 UJ	2,900 UJ	14,000 UJ	11,000 UJ	7,800 UJ	4,800 UJ	190 U	210 UJ	310 U
4,6-Dimethyl undecane	µg/kg		520 J					2,800 J			
4-Bromophenyl-phenyl ether	µg/kg		630 UJ	1,200 UJ	5,700 UJ	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	120 U
4-Chloro-3-methylphenol	µg/kg		630 UJ	1,200 UJ	5,700 UJ	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	120 UR
4-Chloroaniline	µg/kg		630 UJ	1,200 UJ	5,700 UJ	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	120 U
4-Chlorophenyl-phenyl ether	µg/kg		630 UJ	1,200 UJ	5,700 UJ	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	120 U
4-Ethyl-1,2-dimethylbenzene	µg/kg				36,000 J						
4-Methyl dodecane	µg/kg							1,600 J			
4-Methyl phenanthrene	µg/kg		520 J				3,900 J				
4-Methyl tetradecane	µg/kg									36 J	
4-Methylphenol	µg/kg		690 J	1,200 UJ	5,700 UJ	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	250 J
4-Nitroaniline	µg/kg		1,600 UJ	2,900 UJ	14,000 UJ	11,000 UJ	7,800 UJ	4,800 UJ	190 U	210 UJ	310 U
4-Nitrophenol	µg/kg		1,600 UJ	2,900 UJ	14,000 UJ	11,000 UJ	7,800 UJ	4,800 UJ	190 U	210 UJ	310 UR
5-Methyl-5-phenyl-2-hexanone	µg/kg				8,300 J						
5-Propyldecane	µg/kg		260 J						81 J		180 J
6-Methyldodecane	µg/kg		130 J					1,200 J			
7-Methyl tridecane	µg/kg		260 J								
7-Methyl-benz[a]anthracene	µg/kg									16 J	
9,10-Dimethyl phenanthrene	µg/kg			1,500 J							
Acenaphthene	µg/kg		670 J	8,000 J	3,100 J	4,600 UJ	2,200 J	1,900 UJ	77 U	86 UJ	120 U
Acenaphthylene	µg/kg		830 J	1,400 J	1,200 J	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	120 U
Annotine, 15-deoxy-15-(ethylthio)	µg/kg				13,000 J						
Anthracene	µg/kg		1,500 J	9,400 J	5,700 UJ	4,600 UJ	5,800 J	1,900 UJ	77 U	86 UJ	120 U
Azulene	µg/kg		130 J								
Benz(a)anthracene	µg/kg		4,100 J	13,000 J	3,400 J	4,600 UJ	31,000 J	410 J	17 J	42 J	120 U
Benzo(a)pyrene	µg/kg		4,600 J	11,000 J	2,100 J	4,600 UJ	31,000 J	1,900 UJ	19 J	41 J	120 U
Benzo(b)fluoranthene	µg/kg		5,800 J	13,000 J	5,700 UJ	4,600 UJ	46,000 J	1,900 UJ	31 J	40 J	32 J
Benzo(g,h,i)perylene	µg/kg		2,100 J	4,200 J	1,200 J	4,600 UJ	16,000 J	1,900 UJ	77 U	86 UJ	120 U
Benzo(k)fluoranthene	µg/kg		630 UJ	1,200 UJ	5,700 UJ	4,600 UJ	3,100 UJ	1,900 UJ	77 U	33 J	120 U
Benzo[e]pyrene	µg/kg			4,800 J			18,000 J				
Biphenyl	µg/kg		520 J								
Bis(2-chloroethoxy)methane	µg/kg		630 UJ	1,200 UJ	5,700 UJ	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	120 U
Bis(2-chloroethyl)ether	µg/kg		630 UJ	1,200 UJ	5,700 UJ	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	120 U
Bis(2-ethylhexyl)phthalate	µg/kg		950 J	1,200 UJ	5,700 UJ	4,600 UJ	3,100 UJ	3,100 J	77 U	86 UJ	120 U
Butylbenzylphthalate	µg/kg		630 UJ	1,200 UJ	5,700 UJ	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	120 U
Carbazole	µg/kg		400 J	290 J	5,700 UJ	4,600 UJ	3,900 J	1,900 UJ	77 U	86 UJ	120 U
Chrysene	µg/kg		3,700 J	9,100 J	3,300 J	4,600 UJ	34,000 J	520 J	21 J	43 J	120 U
Cyclohexyl benzene	µg/kg					3,800					
Cyclopentyl benzene	µg/kg				140,000	3,800					
Dibenz(a,h)anthracene	µg/kg		630 UJ	1,200 UJ	5,700 UJ	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	120 U
Dibenzofuran	µg/kg		240 J	1,700 J	3,500 J	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	120 U
Dichlorobenzene, non-specific	µg/kg		590 J	1,200 UJ	21,000 J	1,100 J	3,100 UJ	1,900 UJ	77 U	86 UJ	120 U
Diethylphthalate	µg/kg		630 UJ	1,200 UJ	5,700 UJ	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	120 U

Table I-4. (cont.)

Analyte	Units	Date / Station	5/7/92 S10	5/7/92 S6	5/8/92 S1	5/8/92 S20	5/8/92 S36	5/8/92 S51	5/9/92 S113	5/9/92 S114	5/9/92 S53
Dimethylphthalate	µg/kg		630 UJ	1,200 UJ	5,700 UJ	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	120 U
Di-n-butylphthalate	µg/kg		630 UJ	1,200 UJ	5,700 UJ	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	120 U
Di-n-octylphthalate	µg/kg		630 UJ	1,200 UJ	5,700 UJ	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	120 U
Fluoranthene	µg/kg		4,300 J	18,000 J	9,300 J	4,600 UJ	35,000 J	900 J	23 J	92 J	99 J
Fluorene	µg/kg		1,000 J	5,100 J	14,000 J	15,000 J	8,900 J	1,600 J	77 U	86 UJ	120 U
Hexachlorobenzene	µg/kg		630 UJ	1,200 UJ	1,600 J	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	120 U
Hexachlorobutadiene	µg/kg		630 UJ	1,200 UJ	5,700 UJ	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	120 U
Hexachlorocyclopentadiene	µg/kg		630 UJ	1,200 UJ	5,700 UJ	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	120 U
Hexachloroethane	µg/kg		630 UJ	1,200 UJ	5,700 UJ	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	120 U
Hexadecane	µg/kg										77 J
Indeno(1,2,3-cd)pyrene	µg/kg		2,200 J	4,300 J	5,700 UJ	4,600 UJ	14,000 J	1,900 UJ	77 U	18 J	120 U
Isophorone	µg/kg		630 UJ	1,200 UJ	5,700 UJ	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	120 U
N-(phenylmethylene)-1-propanamine	µg/kg				14,000 J						
Naphthalene	µg/kg		770 J	840 J	25,000 J	34,000 J	1,600 J	1,900 UJ	77 U	86 UJ	60 J
Nitrobenzene	µg/kg		630 UJ	1,200 UJ	5,700 UJ	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	120 U
N-nitroso-di-n-propylamine	µg/kg		630 UJ	1,200 UJ	5,700 UJ	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	120 U
N-Nitrosodiphenylamine(1)	µg/kg		630 UJ	1,200 UJ	5,700 UJ	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	120 U
PAH-high MW	µg/kg		27,430	78,800	38,400	36,800	213,100	10,630	336	476	861
PAH-low MW	µg/kg		8,470	38,740	55,100	64,400	46,600	9,800	462	470	617
Pentachlorophenol	µg/kg		1,600 UJ	2,900 UJ	14,000 UJ	11,000 UJ	7,800 UJ	4,800 UJ	190 U	210 UJ	310 UR
Phenanthrene	µg/kg		3,700 J	14,000 J	6,100 J	1,600 J	25,000 J	600 J	77 U	40 J	77 J
Phenol	µg/kg		630 UJ	1,200 UJ	5,700 UJ	4,600 UJ	3,100 UJ	1,900 UJ	77 U	86 UJ	87 J
Pyrene	µg/kg		5,800 J	18,000 J	7,700 J	4,600 UJ	49,000 J	1,200 J	25 J	68 J	42 J
Thio-, s-undecyl propionic acid	µg/kg				8,300 J						
Total benzofluoranthenes (b + k)	µg/kg										
Trichlorobenzene	µg/kg										
Tritetracontane	µg/kg										
Undecylcyclohexane	µg/kg										
Pesticides and PCBs											
4,4'-DDD	µg/kg		5.8 U	4.3 U	12 U	6.7 U	5.7 U	14 U	5.6 U	6.3 U	9.1 U
4,4'-DDE	µg/kg		5.8 U	4.3 U	12 U	7.8 NJ	5.7 U	14 U	5.6 U	6.3 U	9.1 U
4,4'-DDT	µg/kg		5.8 U	4.3 U	12 U	6.7 U	5.7 U	14 U	5.6 U	6.3 U	9.1 U
Aldrin	µg/kg		3.0 U	2.2 U	6.1 U	3.5 U	2.9 U	7.3 U	2.9 U	3.2 U	4.7 U
alpha-BHC	µg/kg		3.0 U	2.2 U	6.1 U	3.5 U	2.9 U	7.3 U	2.9 U	3.2 U	4.7 U
alpha-Chlordane	µg/kg		3.0 UJ	2.2 U	6.1 U	3.5 U	2.9 U	7.3 U	2.9 U	3.2 U	4.7 U
Aroclor-1016	µg/kg		58 U	43 U	120 U	67 U	57 U	140 UJ	56 U	63 U	91 U
Aroclor-1221	µg/kg		120 UJ	87 U	240 UJ	140 U	110 UJ	290 UJ	110 U	130 U	180 U
Aroclor-1232	µg/kg		58 U	43 U	120 U	67 U	57 U	140 UJ	56 U	63 U	91 U
Aroclor-1242	µg/kg		58 U	43 U	120 U	67 U	57 U	140 UJ	56 U	63 U	91 U
Aroclor-1248	µg/kg		160	43 U	1,200 J	67 U	57 U	760	56 U	63 U	91 U
Aroclor-1254	µg/kg		110	43 U	510	67 U	57 U	270 J	56 U	63 U	91 U
Aroclor-1260	µg/kg		58 U	43 U	120 U	67 U	57 U	140 UJ	56 U	63 U	91 U
beta-BHC	µg/kg		3.0 UJ	2.2 U	110 NJ	3.5 U	2.9 U	7.3 U	2.9 U	3.2 U	4.7 U
Chlordane (Sum)	µg/kg		3.0 U	2.2 U	6.1 U	3.5 U	2.9 U	7.3 U	2.9 U	3.2 U	4.7 U
delta-BHC	µg/kg		3.0 U	2.2 U	6.1 U	3.5 U	2.9 U	7.3 U	2.9 U	3.2 U	4.7 U
Dieldrin	µg/kg		5.8 U	4.3 U	12 U	6.7 U	5.7 U	14 U	5.6 U	6.3 U	9.1 U

Table I-4. (cont.)

Analyte	Units	Date / Station	5/7/92 S10	5/7/92 S6	5/8/92 S1	5/8/92 S20	5/8/92 S36	5/8/92 S51	5/9/92 S113	5/9/92 S114	5/9/92 S53
Endosulfan I	µg/kg		3.0 U	2.2 U	6.1 U	3.5 U	2.9 U	7.3 U	2.9 U	3.2 U	4.7 U
Endosulfan II	µg/kg		5.8 U	4.3 U	12 U	6.7 U	5.7 U	14 U	5.6 U	6.3 U	9.1 U
Endosulfan sulfate	µg/kg		5.8 U	4.3 U	12 U	6.7 U	5.7 U	14 U	5.6 U	6.3 U	9.1 U
Endrin aldehyde	µg/kg		5.8 U	4.3 U	12 U	6.7 U	5.7 U	14 U	5.6 U	6.3 U	9.1 U
Endrin ketone	µg/kg		5.8 U	4.3 U	12 U	6.7 U	5.7 U	14 U	5.6 U	6.3 U	9.1 U
Endrin	µg/kg		5.8 U	4.3 U	12 U	6.7 U	5.7 U	14 U	5.6 U	6.3 U	9.1 U
gamma-BHC (Lindane)	µg/kg		3.0 U	2.2 U	6.1 U	3.5 U	2.9 U	7.3 U	2.9 U	3.2 U	4.7 U
gamma-Chlordane	µg/kg		3.0 U	2.2 U	6.1 U	3.5 U	2.9 U	7.3 U	2.9 U	3.2 U	4.7 U
Heptachlor epoxide	µg/kg		3.0 U	2.2 U	6.1 U	3.5 U	2.9 U	7.3 U	2.9 U	3.2 U	4.7 U
Heptachlor	µg/kg		3.0 U	2.2 U	6.1 U	6.1 NJ	2.9 U	7.3 U	2.9 U	3.2 U	4.7 U
Methoxychlor	µg/kg		30 U	22 U	61 U	35 U	29 U	73 U	29 U	32 U	47 U
PCBs (Sum)	µg/kg		270	43 U	1,710	67 U	57 U	1,030	56 U	63 U	91 U
Polychlorinated biphenyls	µg/kg		270	43 U	1,710 J	67 U	57 U	1,030 J	56 U	63 U	91 U
Toxaphene	µg/kg		300 U	220 U	610 U	350 U	290 U	730 U	290 U	320 U	470 U
Dioxins/Furans											
2,5-Dihydro-2,5-dimethoxyfuran	µg/kg							1200 J			

Table I-4. (cont.)

Analyte	Units	Date / Station	5/9/92 S81	5/9/92 S93	5/10/92 S15	5/10/92 S27	5/10/92 S46	5/10/92 S73	5/11/92 S100	5/11/92 S16
Conventional Analytes										
Acid-volatile sulfide	mg/kg		20 UJ	20 UJ	203 M	3,000 J	300 J	20 J	50 J	1,867 M
Calcium carbonate	%-dw		72	81	76 M	43	83	91	90	38 M
Chloride-Calculated	mg/kg-ww		1,088	1,140	798 M	1,434	5,567	1,925	828	1,128 M
Chloride-Measured	mg/kg		1,000	910	1,200 M	3,800	4,500	1,500	890	1,190 M
Percent moisture	%-ww		48	44	60 M	73	45	44	52	52 M
Total organic carbon	%-dw		0.8 J	0.7 J	3.3 M	2.4 J	0.6	0.6 J	0.8	2.4 M
Total solids	%-ww		52	56	40 M	27	55	56	48	48 M
Percent clay	%-ww		1.3	3.1	2.4 M	4.6	1.2	1.5	1.9	5.5 M
Percent sand	%-ww		8.7	36	2.6 M	1.2	49	49	29	23 M
Percent silt	%-ww		43	16	33 M	21	4.3	7.2	15	23 M
Metals										
Aluminum	mg/kg		1,730 J	609 J	1,893 M	6,090 J	655		735	6,680 M
Antimony	mg/kg		8.1 B	9.2 B	9.5 M	14 B	6.7 BJ		7.2 BJ	5.5 M
Arsenic	mg/kg		2.1 B	0.3 B	5.6 M	6.7	1.3 BJ		0.5 BJ	5.3 M
Barium	mg/kg		56	83	145 M	164	97		87	164 M
Beryllium	mg/kg		0.2 U	0.4 U	0.4 UM	0.5 B	0.3 U		0.3 U	0.4 M
Cadmium	mg/kg		0.4 U	0.7 U	11 M	11	1.9	0.6 UJ	0.6 U	13 M
Calcium	mg/kg		237,000	290,000	314,333 M	170,000	323,000	317,000 J	326,000	152,667 M
Chromium	mg/kg		5.9	6.1	138 M	202	37	3.4 J	3.0 B	132 M
Cobalt	mg/kg		1.6 B	0.7 U	2.8 M	7.8 B	0.8 B		0.6 U	7.5 M
Copper	mg/kg		13	2.9 B	113 M	136	14	2.5 BJ	1.9 B	130 M
Iron	mg/kg		4,270	1,890	4,920 M	15,000	2,390		1,760	17,467 M
Lead	mg/kg		25	1.5	209 M	163 J	7.0	0.8 J	1.0	217 M
Magnesium	mg/kg		4,190	3,260	4,963 M	7,720	3,370	1,640 J	3,110	11,667 M
Manganese	mg/kg		202	143	225 M	235	340		104	380 M
Mercury	mg/kg		1.0 J	0.3 UJ	44 M	2.8 J	0.4	0.1 UJ	0.3 U	1.3 M
Nickel	mg/kg		4.1 B	2.4 U	66 M	53	5.0 B	3.1 BJ	3.6 B	38 M
Potassium	mg/kg		241 B	161 B	273 M	565 B	132 B		182 B	660 M
Selenium	mg/kg		0.4 UJ	0.2 UJ	0.5 M	0.8 BJ	0.3 U		0.4 BJ	0.6 M
Silver	mg/kg		0.5 BJ	0.7 U	5.7 M	3.9 B	1.2 B		0.9 B	3.5 M
Sodium	mg/kg		970 B	923 B	2,423 M	2,570	3,640		768 B	670 M
Thallium	mg/kg		0.4 U	0.2 U	0.3 M	0.6 U	0.3 UJ		0.4 UJ	0.3 M
Vanadium	mg/kg		1.0 B	1.4 U	3.0 M	14 B	1.0 U		1.3 U	14 M
Zinc	mg/kg		37	10	180 M	372	30 J	8.4 UJ	6.8 J	324 M
Volatile Organic Compounds										
1,1,1-Trichloroethane	µg/kg		19 U	17 U	19,000 UM	150 U	76 U		22 U	73 UM
1,1,2,2-Tetrachloroethane	µg/kg		19 U	17 U	19,000 UM	150 U	76 U		22 U	73 UM
1,1,2-Trichloroethane	µg/kg		19 U	17 U	19,000 UM	150 U	76 U		22 U	73 UM
1,1-Dichloroethane	µg/kg		19 U	17 U	19,000 UM	150 U	76 U		22 U	73 UM
1,1-Dichloroethene	µg/kg		19 U	17 U	19,000 UM	150 U	76 U		22 U	73 UM
1,2-Dichloroethane	µg/kg		19 U	17 U	19,000 UM	150 U	76 U		22 U	73 UM
1,2-Dichloroethene (Total)	µg/kg		19 U	17 U	19,000 UM	150 U	76 U		22 U	73 UM
1,2-Dichloropropane	µg/kg		19 U	17 U	19,000 UM	150 U	76 U		22 U	73 UM
2-Butanone	µg/kg		19 U	17 U	19,000 UM	380	280		51 J	323 M
2-Hexanone	µg/kg		19 U	17 U	19,000 UM	150 U	76 U		22 U	73 UM

Table I-4. (cont.)

Analyte	Units	Date / Station	5/9/92 S81	5/9/92 S93	5/10/92 S15	5/10/92 S27	5/10/92 S46	5/10/92 S73	5/11/92 S100	5/11/92 S16
4-Methyl-2-pentanone	µg/kg		19 U	17 U	19,000 UM	150 U	76 U		22 U	73 UM
Acetone	µg/kg		65 J	140	19,000 UM	1,600	230 J		31 JU	507 M
Benzene	µg/kg		55	17 U	9,900 M	47 J	76 U		22 U	37 M
Bromodichloromethane	µg/kg		19 U	17 U	19,000 UM	150 U	76 U		22 U	73 UM
Bromoform	µg/kg		19 U	17 U	19,000 UM	150 U	76 U		22 U	73 UM
Bromomethane	µg/kg		19 U	17 U	19,000 UM	150 U	76 U		22 U	73 UM
Carbon disulfide	µg/kg		19 U	17 U	19,000 UM	150 U	76 U		22 U	33 M
Carbon Tetrachloride	µg/kg		19 U	17 U	19,000 UM	150 U	76 U		22 U	73 UM
Chlorobenzene	µg/kg		19 U	17 U	290,000 M	430	76 U	9.0 U	22 U	183 M
Chloroethane	µg/kg		19 U	17 U	19,000 UM	150 U	76 U		22 U	73 UM
Chloroform	µg/kg		19 U	17 U	19,000 UM	150 U	76 U		22 U	73 UM
Chloromethane	µg/kg		19 U	17 U	19,000 UM	150 U	76 U		22 U	73 UM
Cis-1,3-dichloropropene	µg/kg		19 U	17 U	19,000 UM	150 U	76 U		22 U	73 UM
Dibromochloromethane	µg/kg		19 U	17 U	19,000 UM	150 U	76 U		22 U	73 UM
Ethylbenzene	µg/kg		19 U	17 U	4,900 M	150 U	76 U		22 U	73 UM
Isopropanol	µg/kg		27 J	34 J		490 J	45 J			93 J
Pentachloro benzene	µg/kg									
Styrene	µg/kg		19 U	17 U	19,000 UM	150 U	76 U		22 U	73 UM
Tetrachlorobenzene (mixed)	µg/kg									
Tetrachloroethene	µg/kg		19 U	17 U	19,000 UM	150 U	76 U		22 U	73 UM
Toluene	µg/kg		30	17 U	9,567 M	150 U	38 J		3.0 J	47 M
Trans-1,3-dichloropropene	µg/kg		19 U	17 U	19,000 UM	150 U	76 U		22 U	73 UM
Trichloroethene	µg/kg		19 U	17 U	19,000 UM	150 U	76 U		22 U	73 UM
Vinyl chloride	µg/kg		19 U	17 U	19,000 UM	150 U	76 U		22 U	73 UM
Xylene (Total)	µg/kg		19 U	22	39,333 M	150 U	76 U		22 U	403 M
Semivolatile Organic Compounds										
1-(1,1-Dimethylethyl) benzene	µg/kg				33,000 J					
1,1'-(1-methylethylidene)bis-benzene	µg/kg						33 J			
1,1'(3methyl1propene1,3diyl)bis-benzer	µg/kg				33,000 M					
1,1-Diphenyl-2-propanone	µg/kg									
1,1'-Ethylidenebis-benzene	µg/kg				16,000 J					
1,2,3,4-Tetrachlorobenzene	µg/kg									
1,2,3-Trichlorobenzene	µg/kg							9.0 U		
1,2,4-Trichlorobenzene	µg/kg		85 U	79 U	3,233 M	1,600 UJ	80 U	9.0 U	91 UJ	2,133 UM
1,2,4-Trimethylbenzene	µg/kg				30,000 J					
1,2-Dichlorobenzene	µg/kg		85 U	79 U	6,800 M	1,600 UJ	80 U	9.0 U	20 J	2,133 UM
1,2-Dimethylnaphthalene	µg/kg									
1,3,5-Trichlorobenzene	µg/kg							9.0 U		
1,3,5-Trimethylbenzene	µg/kg				65,000 J					
1,3-Dichlorobenzene	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	80 U	9.0 U	91 UJ	2,133 UM
1,3-Dimethylbutylbenzene	µg/kg									
1,4,5-Trimethylnaphthalene	µg/kg									4,950 M
1,4-Dichlorobenzene	µg/kg		85 U	79 U	28,333 M	1,600 UJ	80 U	9.0 U	91 UJ	2,133 UM
1,4-Dihydro-1,4-methanonaphthalene	µg/kg									
1,4-Dimethyl naphthalene	µg/kg									5,000 M
11h-Benzo[a]fluorene	µg/kg									

Table I-4. (cont.)

Analyte	Units	Date / Station	5/9/92 S81	5/9/92 S93	5/10/92 S15	5/10/92 S27	5/10/92 S46	5/10/92 S73	5/11/92 S100	5/11/92 S16
11h-Benzo[b]fluorene	µg/kg									
1-Ethyl-4-methyl-benzene	µg/kg									
1-Ethylbutyl-benzene	µg/kg				42,000 J					
1-Iododecane	µg/kg									
1-Methyl phenanthrene	µg/kg									
1-Methyl-benz[a]anthracene	µg/kg									
1-Methylbutyl benzene	µg/kg				59,333 M					
1-Methylheptyl benzene	µg/kg									
1-Methylhexyl benzene	µg/kg				43,333 M					
1-Methylnaphthalene	µg/kg		510 J	16 J	32,267 M	2,400 J	33 J		700 J	3,900 M
1-Methylpentyl benzene	µg/kg				77,500 M					
1-Methylpropyl benzene	µg/kg				62,667 M					
1-Methylpyrene	µg/kg									
1-Propynyl benzene	µg/kg				62,000 J					
2,2'-Oxybis(1-chloropropane)	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	80 U		91 UJ	2,133 UM
2,3,6-Trimethyl octane	µg/kg									
2,3,7-Trimethyl octane	µg/kg									5,300 J
2,3-Dihydro-1,1,4-1h-indene	µg/kg				48,000 J					
2,3-Dihydro-1h-inden-1-one	µg/kg				14,000 J					
2,3-Dihydro-1-methyl-3-phenyl-1h-inde	µg/kg				48,000 J					
2,4,5-Trichlorophenol	µg/kg		210 U	200 U	17,000 UM	4,100 UJ	200 U		230 UJ	5,333 UM
2,4,6-Trichlorophenol	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	80 U		91 UJ	2,133 UM
2,4-Dichlorophenol	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	80 U		91 UJ	2,133 UM
2,4-Dimethylphenol	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	80 U		91 UJ	2,133 UM
2,4-Dinitrophenol	µg/kg		210 U	200 U	17,000 UM	4,100 UJ	200 U		230 UJ	5,333 UM
2,4-Dinitrotoluene	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	80 U		91 UJ	2,133 UM
2,5-bis(1,1-dimethyletyl)-thiophene	µg/kg									
2,5-Dimethyl phenanthrene	µg/kg									
2,6-Dinitrotoluene	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	80 U		91 UJ	2,133 UM
2,7,10-Trimethyldodecane	µg/kg									4,100 J
2-Chloronaphthalene	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	80 U		91 UJ	2,133 UM
2-Chlorophenol	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	80 U		91 UJ	2,133 UM
2-Ethyl-1-hexanamine	µg/kg									
2-Fluoro-biphenyl	µg/kg									
2-Methyl-4,6-dinitrophenol	µg/kg		210 U	200 U	17,000 UM	4,100 UJ	200 U		230 UJ	5,333 UM
2-Methyl-anthracene	µg/kg									
2-Methylnaphthalene	µg/kg		85 U	79 U	6,600 M	1,600 UJ	80 U		91 UJ	3,333 M
2-Methylphenol	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	80 U		91 UJ	2,133 UM
2-Methylpyrene	µg/kg									
2-Nitroaniline	µg/kg		210 U	200 U	17,000 UM	4,100 UJ	200 U		230 UJ	5,333 UM
2-Nitrophenol	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	80 U		91 UJ	2,133 UM
2-Phenyl naphthalene	µg/kg									
3-(2-Phenylethenly)-benzenamine	µg/kg				17,000 M		17 J			
3,3-Dichlorobenzidine	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	80 U		91 UJ	2,133 UM
3,5-Dichloro-2-hydroxy-benzaldehyde	µg/kg									
3,6-Dimethyl phenanthrene	µg/kg									

Table I-4. (cont.)

Analyte	Units	Date / Station	5/9/92 S81	5/9/92 S93	5/10/92 S15	5/10/92 S27	5/10/92 S46	5/10/92 S73	5/11/92 S100	5/11/92 S16
3,6-Dimethyl undecane	µg/kg									2,400 J
3-Methyl phenanthrene	µg/kg									
3-Methylcyclopentylbenzene	µg/kg									
3-Nitroaniline	µg/kg		210 U	200 U	17,000 UM	4,100 UJ	200 U		230 UJ	5,333 UM
4,6-Dimethyl undecane	µg/kg									2,533 M
4-Bromophenyl-phenyl ether	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	80 U		91 UJ	2,133 UM
4-Chloro-3-methylphenol	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	80 U		91 UJ	2,133 UM
4-Chloroaniline	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	80 U		91 UJ	2,133 UM
4-Chlorophenyl-phenyl ether	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	80 U		91 UJ	2,133 UM
4-Ethyl-1,2-dimethylbenzene	µg/kg									
4-Methyl dodecane	µg/kg									
4-Methyl phenanthrene	µg/kg									
4-Methyl tetradecane	µg/kg									
4-Methylphenol	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	80 U		91 UJ	2,133 UM
4-Nitroaniline	µg/kg		210 U	200 U	17,000 UM	4,100 UJ	200 U		230 UJ	5,333 UM
4-Nitrophenol	µg/kg		210 U	200 U	17,000 UM	4,100 UJ	200 U		230 UJ	5,333 UM
5-Methyl-5-phenyl-2-hexanone	µg/kg									
5-Propyldecane	µg/kg									
6-Methyldodecane	µg/kg					680 J				3,050 M
7-Methyl tridecane	µg/kg									2,800 J
7-Methyl-benz[a]anthracene	µg/kg									
9,10-Dimethyl phenanthrene	µg/kg									
Acenaphthene	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	29 J		91 UJ	1,367 M
Acenaphthylene	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	80 U		91 UJ	870 M
Annotine, 15-deoxy-15-(ethylthio)	µg/kg									
Anthracene	µg/kg		25 J	79 U	6,767 UM	1,600 UJ	72 J		91 UJ	1,233 M
Azulene	µg/kg									
Benz(a)anthracene	µg/kg		54 J	79 U	6,767 UM	1,600 UJ	130		91 UJ	1,400 M
Benzo(a)pyrene	µg/kg		66 J	79 U	6,767 UM	1,600 UJ	160		91 UJ	1,167 M
Benzo(b)fluoranthene	µg/kg		73 J	79 U	2,633 M	410 J	200		91 UJ	1,933 M
Benzo(g,h,i)perylene	µg/kg		45 J	79 U	6,767 UM	1,600 UJ	81		91 UJ	830 M
Benzo(k)fluoranthene	µg/kg		55 J	79 U	6,767 UM	1,600 UJ	80 U		91 UJ	2,133 UM
Benzo[e]pyrene	µg/kg									
Biphenyl	µg/kg									
Bis(2-chloroethoxy)methane	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	80 U		91 UJ	2,133 UM
Bis(2-chloroethyl)ether	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	80 U		91 UJ	2,133 UM
Bis(2-ethylhexyl)phthalate	µg/kg		69 J	79 U	3,467 M	1,600 J	27 J		91 UJ	2,667 M
Butylbenzylphthalate	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	80 U		91 UJ	2,133 UM
Carbazole	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	33 J		91 UJ	2,133 UM
Chrysene	µg/kg		88	79 U	6,767 UM	1,600 UJ	130		91 UJ	1,567 M
Cyclohexyl benzene	µg/kg									
Cyclopentyl benzene	µg/kg				8,733 M					
Dibenz(a,h)anthracene	µg/kg		19 J	79 U	6,767 UM	1,600 UJ	31 J		91 UJ	2,133 UM
Dibenzofuran	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	18 J		91 UJ	2,133 UM
Dichlorobenzene, non-specific	µg/kg		85 U	79 U	35,133 M	1,600 UJ	80 U	9.0 U	20 J	2,133 UM
Diethylphthalate	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	80 U		91 UJ	2,133 UM

Table I-4. (cont.)

Analyte	Units	Date / Station	5/9/92 S81	5/9/92 S93	5/10/92 S15	5/10/92 S27	5/10/92 S46	5/10/92 S73	5/11/92 S100	5/11/92 S16
Dimethylphthalate	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	80 U		91 UJ	2,133 UM
Di-n-butylphthalate	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	80 U		91 UJ	2,133 UM
Di-n-octylphthalate	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	80 U		91 UJ	2,133 UM
Fluoranthene	µg/kg		130	79 U	2,817 M	480 J	260		91 UJ	3,667 M
Fluorene	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	54 J		91 UJ	1,113 M
Hexachlorobenzene	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	80 U	2.9 U	91 UJ	2,133 UM
Hexachlorobutadiene	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	80 U		91 UJ	2,133 UM
Hexachlorocyclopentadiene	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	80 U		91 UJ	2,133 UM
Hexachloroethane	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	80 U		91 UJ	2,133 UM
Hexadecane	µg/kg			16 J						3,600 J
Indeno(1,2,3-cd)pyrene	µg/kg		46 J	79 U	6,767 UM	1,600 UJ	74 J		91 UJ	640 M
Isophorone	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	80 U		91 UJ	2,133 UM
N-(phenylmethylene)-1-propanamine	µg/kg									
Naphthalene	µg/kg		85 U	79 U	40,333 M	1,600 UJ	80 U		35 J	1,333 M
Nitrobenzene	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	80 U		91 UJ	2,133 UM
N-nitroso-di-n-propylamine	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	80 U		91 UJ	2,133 UM
N-Nitrosodiphenylamine(1)	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	80 U		91 UJ	2,133 UM
PAH-high MW	µg/kg		548	632	60,633 M	10,550	1,106		728	14,737 M
PAH-low MW	µg/kg		448	474	71,433 M	9,600	535		490	11,133 M
Pentachlorophenol	µg/kg		210 U	200 U	17,000 UM	4,100 UJ	200 U		230 UJ	5,333 UM
Phenanthrene	µg/kg		83 J	79 U	3,050 M	1,600 UJ	220		91 UJ	4,167 M
Phenol	µg/kg		85 U	79 U	6,767 UM	1,600 UJ	80 U		91 UJ	2,133 UM
Pyrene	µg/kg		100	79 U	2,833 M	470 J	240		91 UJ	3,333 M
Thio-, s-undecyl propionic acid	µg/kg									
Total benzofluoranthenes (b + k)	µg/kg				7,400 M					
Trichlorobenzene	µg/kg							9.0 U		
Tritetracontane	µg/kg									
Undecylcyclohexane	µg/kg									3,400 J
Pesticides and PCBs										
4,4'-DDD	µg/kg		6.2 U	5.9 U	8.8 UM	12 U	6.0 U		6.9 U	6.7 UM
4,4'-DDE	µg/kg		6.2 U	5.9 U	13 M	12 U	6.0 U		6.9 U	13 M
4,4'-DDT	µg/kg		6.2 U	5.9 U	8.8 UM	12 U	6.0 U		6.9 U	6.7 UM
Aldrin	µg/kg		3.2 U	3.0 U	4.5 UM	6.2 U	3.1 U		3.5 U	3.5 UM
alpha-BHC	µg/kg		3.2 U	3.0 U	4.5 UM	6.2 U	3.1 U		3.5 U	3.5 UM
alpha-Chlordane	µg/kg		3.2 U	3.0 U	4.5 UM	6.2 U	3.1 U		3.5 U	3.5 UM
Aroclor-1016	µg/kg		62 U	59 U	88 UM	120 UJ	60 U	29 U	69 U	67 UM
Aroclor-1221	µg/kg		130 U	120 U	183 UM	250 UJ	120 U	29 U	140 U	137 UM
Aroclor-1232	µg/kg		62 U	59 U	88 UM	120 UJ	60 U	29 U	69 U	67 UM
Aroclor-1242	µg/kg		62 U	59 U	307 M	120 UJ	60 U	29 U	69 U	492 M
Aroclor-1248	µg/kg		62 U	59 U	351 M	700	60 U	29 U	69 U	202 M
Aroclor-1254	µg/kg		62 U	59 U	88 UM	270	60 U	29 U	69 U	67 UM
Aroclor-1260	µg/kg		62 U	59 U	185 M	120 U	60 U	29 U	69 U	300 M
beta-BHC	µg/kg		3.2 U	3.0 U	24 M	6.2 U	3.1 U		3.5 U	3.5 UM
Chlordane (Sum)	µg/kg		3.2 U	3.0 U	4.5 U	6.2 U	3.1 U		3.5 U	3.5 U
delta-BHC	µg/kg		3.2 U	3.0 U	4.5 UM	6.2 U	3.1 U		3.5 U	3.5 UM
Dieldrin	µg/kg		6.2 U	5.9 U	8.8 UM	12 U	6.0 U		6.9 U	6.7 UM

Table I-4. (cont.)

Analyte	Units	Date Station	5/9/92 S81	5/9/92 S93	5/10/92 S15	5/10/92 S27	5/10/92 S46	5/10/92 S73	5/11/92 S100	5/11/92 S16
Endosulfan I	µg/kg		3.2 U	3.0 U	4.5 UM	6.2 U	3.1 U		3.5 U	3.5 UM
Endosulfan II	µg/kg		6.2 U	5.9 U	8.8 UM	12 U	6.0 U		6.9 U	6.7 UM
Endosulfan sulfate	µg/kg		6.2 U	5.9 U	6.7 M	12 U	6.0 U		6.9 U	13 M
Endrin aldehyde	µg/kg		6.2 U	5.9 U	8.8 UM	12 U	6.0 U		6.9 U	6.7 UM
Endrin ketone	µg/kg		6.2 U	5.9 U	8.8 UM	12 U	6.0 U		6.9 U	6.7 UM
Endrin	µg/kg		6.2 U	5.9 U	8.8 UM	12 U	6.0 U		6.9 U	6.7 UM
gamma-BHC (Lindane)	µg/kg		3.2 U	3.0 U	4.5 UM	6.2 U	3.1 U		3.5 U	3.5 UM
gamma-Chlordane	µg/kg		3.2 U	3.0 U	4.5 UM	6.2 U	3.1 U		3.5 U	3.5 UM
Heptachlor epoxide	µg/kg		3.2 U	3.0 U	4.5 UM	6.2 U	3.1 U		3.5 U	3.5 UM
Heptachlor	µg/kg		3.2 U	3.0 U	4.5 UM	6.2 U	3.1 U		3.5 U	3.5 UM
Methoxychlor	µg/kg		32 U	30 U	45 UM	62 U	31 U		35 U	35 UM
PCBs (Sum)	µg/kg		62 U	59 U	842 M	970	60 U	29 U	69 U	993 M
Polychlorinated biphenyls	µg/kg		62 U	59 U	783 M	970	60 U	29 U	69 U	960 M
Toxaphene	µg/kg		320 U	300 U	453 UM	620 U	310 U		350 U	347 UM
Dioxins/Furans										
2,5-Dihydro-2,5-dimethoxyfuran	µg/kg									

Table I-4. (cont.)

Analyte	Units	Date / Station	5/11/92 S66	5/11/92 S90	7/7/92 S102	7/7/92 S103	7/7/92 S83	7/7/92 S84	7/7/92 S91	7/7/92 S96
Conventional Analytes										
Acid-volatile sulfide	mg/kg		40	2,700 J	2,000 J	2,000 J	293 M	2,000 J	3,000 J	1,800 J
Calcium carbonate	%-dw		77	57	54	54	75 M	71	50	53
Chloride-Calculated	mg/kg-ww		1,145	1,584	1,455	1,553	1,065 M	644	1,560	1,853
Chloride-Measured	mg/kg		760	5,100	5,100	5,000	1,330 M	800	5,800	6,100
Percent moisture	%-ww		40	76	78	76	55 M	55	79	77
Total organic carbon	%-dw		1.0 J	3.2	4.1	4.3	0.8 M	1.2 J	4.5	4.4
Total solids	%-ww		60	24	22	24	45 M	45	21	23
Percent clay	%-ww		1.5	3.7	3.4	5.2	2.5 M	2.2	4.2	5.3
Percent sand	%-ww		46	0.5	0.4	0.7	4.1 M	4.3	0.5	0.7
Percent silt	%-ww		7.3	19	19	18	39 M	38	17	18
Metals										
Aluminum	mg/kg		1,020	5,750						
Antimony	mg/kg		5.7 BJ	9.5 BJ						
Arsenic	mg/kg		0.9 BJ	5.9 BJ						
Barium	mg/kg		87	141						
Beryllium	mg/kg		0.3 U	0.7 U						
Cadmium	mg/kg		1.4 B	13	15	18	1.5 UM	0.6 U	17	15
Calcium	mg/kg		294,000	235,000	233,000 J	230,000 J	265,333 M	248,000	209,000 J	228,000 J
Chromium	mg/kg		23 J	223	271 J	339 J	15 M	11	284 J	279 J
Cobalt	mg/kg		1.2 B	7.9 B						
Copper	mg/kg		14 J	111	125	149	28 M	22	133	130
Iron	mg/kg		2,800	12,300						
Lead	mg/kg		9.7 J	117 J	132	152	64 M	27	150	149
Magnesium	mg/kg		3,000	5,250	4,020	4,100	9,247 M	5,800	4,640	4,590
Manganese	mg/kg		312 J	210						
Mercury	mg/kg		0.4	15	13	18	33 M	2.1	20	22
Nickel	mg/kg		4.2 B	74	83	95	24 M	11 B	80	84
Potassium	mg/kg		119 B	1,200 B						
Selenium	mg/kg		0.3 UJ	1.2 B						
Silver	mg/kg		1.7 BJ	4.6 B						
Sodium	mg/kg		782 BU	3,860						
Thallium	mg/kg		0.3 UJ	0.6 U						
Vanadium	mg/kg		1.2 U	12 B						
Zinc	mg/kg		41 UJ	288 J	330 J	342 J	69 M	59	327 J	359 J
Volatile Organic Compounds										
1,1,1-Trichloroethane	µg/kg		16 U	190 U						
1,1,2,2-Tetrachloroethane	µg/kg		16 U	190 U						
1,1,2-Trichloroethane	µg/kg		16 U	190 U						
1,1-Dichloroethane	µg/kg		16 U	190 U						
1,1-Dichloroethene	µg/kg		16 U	190 U						
1,2-Dichloroethane	µg/kg		16 U	190 U						
1,2-Dichloroethene (Total)	µg/kg		16 U	190 U						
1,2-Dichloropropane	µg/kg		16 U	190 U						
2-Butanone	µg/kg		200	590						
2-Hexanone	µg/kg		16 U	190 U						

Table I-4. (cont.)

Analyte	Units	Date / Station	5/11/92 S66	5/11/92 S90	7/7/92 S102	7/7/92 S103	7/7/92 S83	7/7/92 S84	7/7/92 S91	7/7/92 S96
4-Methyl-2-pentanone	µg/kg		16 U	190 U						
Acetone	µg/kg		160	550 J						
Benzene	µg/kg		16 U	190 U	13 J	8.0 J	7.2 M	11 U	10 J	36
Bromodichloromethane	µg/kg		16 U	190 U						
Bromoform	µg/kg		16 U	190 U						
Bromomethane	µg/kg		16 U	190 U						
Carbon disulfide	µg/kg		16 U	190 U						
Carbon Tetrachloride	µg/kg		16 U	190 U						
Chlorobenzene	µg/kg		16 U	190 U	39	30	5.0 M	11 U	27	94
Chloroethane	µg/kg		16 U	190 U						
Chloroform	µg/kg		16 U	190 U						
Chloromethane	µg/kg		16 U	190 U						
Cis-1,3-dichloropropene	µg/kg		16 U	190 U						
Dibromochloromethane	µg/kg		16 U	190 U						
Ethylbenzene	µg/kg		16 U	190 U	22 U	20 U	20 M	11 U	24 U	22 U
Isopropanol	µg/kg		13 J	170 J						
Pentachloro benzene	µg/kg						21 M	2.4 J		
Styrene	µg/kg		16 U	190 U						
Tetrachlorobenzene (mixed)	µg/kg						17 M	3.7 UJ		
Tetrachloroethene	µg/kg		16 U	190 U						
Toluene	µg/kg		16 U	190 U	22 U	20 U	30 M	11 U	24 U	36
Trans-1,3-dichloropropene	µg/kg		16 U	190 U						
Trichloroethene	µg/kg		16 U	190 U						
Vinyl chloride	µg/kg		16 U	190 U						
Xylene (Total)	µg/kg		16 U	190 U	19 J	14 J	18 M	11 U	24 U	41
Semivolatile Organic Compounds										
1-(1,1-Dimethylethyl) benzene	µg/kg									
1,1'-(1-methylethylidene)bis-benzene	µg/kg									
1,1'(3methyl1propene1,3diyl)bis-benzer	µg/kg									
1,1-Diphenyl-2-propanone	µg/kg									
1,1'-Ethylidenebis-benzene	µg/kg									
1,2,3,4-Tetrachlorobenzene	µg/kg						20 UM	2.5 J		
1,2,3-Trichlorobenzene	µg/kg				22 U	20 U	5.2 M	11 U	24 U	22 U
1,2,4-Trichlorobenzene	µg/kg		74 UJ	370 U	23	18 J	4.8 M	11 U	15 J	47
1,2,4-Trimethylbenzene	µg/kg									
1,2-Dichlorobenzene	µg/kg		74 UJ	370 U	26	22	4.8 M	11 U	15 J	52
1,2-Dimethylnaphthalene	µg/kg									
1,3,5-Trichlorobenzene	µg/kg				22 U	20 U	5.2 M	11 U	24 U	22 U
1,3,5-Trimethylbenzene	µg/kg									
1,3-Dichlorobenzene	µg/kg		74 UJ	370 U	28	19 J	37 M	11 U	14 J	55
1,3-Dimethylbutylbenzene	µg/kg									
1,4,5-Trimethylnaphthalene	µg/kg									
1,4-Dichlorobenzene	µg/kg		74 UJ	160 J	78	58	5.3 M	11 U	42	160
1,4-Dihydro-1,4-methanonaphthalene	µg/kg									
1,4-Dimethyl naphthalene	µg/kg									
11h-Benzo[a]fluorene	µg/kg		15 J							

Table I-4. (cont.)

Analyte	Units	Date Station	5/11/92 S66	5/11/92 S90	7/7/92 S102	7/7/92 S103	7/7/92 S83	7/7/92 S84	7/7/92 S91	7/7/92 S96
11h-Benzo[b]fluorene	µg/kg									
1-Ethyl-4-methyl-benzene	µg/kg									
1-Ethylbutyl-benzene	µg/kg									
1-Iododecane	µg/kg									
1-Methyl phenanthrene	µg/kg									
1-Methyl-benz[a]anthracene	µg/kg									
1-Methylbutyl benzene	µg/kg									
1-Methylheptyl benzene	µg/kg									
1-Methylhexyl benzene	µg/kg									
1-Methylnaphthalene	µg/kg		62 J	920 J						
1-Methylpentyl benzene	µg/kg									
1-Methylpropyl benzene	µg/kg									
1-Methylpyrene	µg/kg									
1-Propynyl benzene	µg/kg									
2,2'-Oxybis(1-chloropropane)	µg/kg		74 UJ	370 U						
2,3,6-Trimethyl octane	µg/kg			310 J						
2,3,7-Trimethyl octane	µg/kg									
2,3-Dihydro-1,1,4-1h-indene	µg/kg									
2,3-Dihydro-1h-inden-1-one	µg/kg									
2,3-Dihydro-1-methyl-3-phenyl-1h-inde	µg/kg									
2,4,5-Trichlorophenol	µg/kg		190 UJ	930 U						
2,4,6-Trichlorophenol	µg/kg		74 UJ	370 U						
2,4-Dichlorophenol	µg/kg		74 UJ	370 U						
2,4-Dimethylphenol	µg/kg		74 UJ	370 U						
2,4-Dinitrophenol	µg/kg		190 UJ	930 U						
2,4-Dinitrotoluene	µg/kg		74 UJ	370 U						
2,5-bis(1,1-dimethyletyl)-thiophene	µg/kg									
2,5-Dimethyl phenanthrene	µg/kg									
2,6-Dinitrotoluene	µg/kg		74 UJ	370 U						
2,7,10-Trimethyldodecane	µg/kg									
2-Chloronaphthalene	µg/kg		74 UJ	370 U						
2-Chlorophenol	µg/kg		74 UJ	370 U						
2-Ethyl-1-hexanamine	µg/kg									
2-Fluoro-biphenyl	µg/kg									
2-Methyl-4,6-dinitrophenol	µg/kg		190 UJ	930 U						
2-Methyl-anthracene	µg/kg									
2-Methylnaphthalene	µg/kg		74 UJ	370 U						
2-Methylphenol	µg/kg		74 UJ	370 U						
2-Methylpyrene	µg/kg									
2-Nitroaniline	µg/kg		190 UJ	930 U						
2-Nitrophenol	µg/kg		74 UJ	370 U						
2-Phenyl naphthalene	µg/kg									
3-(2-Phenylethenly)-benzenamine	µg/kg									
3,3-Dichlorobenzidine	µg/kg		74 UJ	370 U						
3,5-Dichloro-2-hydroxy-benzaldehyde	µg/kg									
3,6-Dimethyl phenanthrene	µg/kg									

Table I-4. (cont.)

Analyte	Units	Date / Station	5/11/92 S66	5/11/92 S90	7/7/92 S102	7/7/92 S103	7/7/92 S83	7/7/92 S84	7/7/92 S91	7/7/92 S96
3,6-Dimethyl undecane	µg/kg									
3-Methyl phenanthrene	µg/kg									
3-Methylcyclopentylbenzene	µg/kg									
3-Nitroaniline	µg/kg		190 UJ	930 U						
4,6-Dimethyl undecane	µg/kg			230 J						
4-Bromophenyl-phenyl ether	µg/kg		74 UJ	370 U						
4-Chloro-3-methylphenol	µg/kg		74 UJ	370 U						
4-Chloroaniline	µg/kg		74 UJ	370 U						
4-Chlorophenyl-phenyl ether	µg/kg		74 UJ	370 U						
4-Ethyl-1,2-dimethylbenzene	µg/kg									
4-Methyl dodecane	µg/kg									
4-Methyl phenanthrene	µg/kg									
4-Methyl tetradecane	µg/kg									
4-Methylphenol	µg/kg		74 UJ	370 U						
4-Nitroaniline	µg/kg		190 UJ	930 U						
4-Nitrophenol	µg/kg		190 UJ	930 U						
5-Methyl-5-phenyl-2-hexanone	µg/kg									
5-Propyldecane	µg/kg									
6-Methyldodecane	µg/kg									
7-Methyl tridecane	µg/kg									
7-Methyl-benz[a]anthracene	µg/kg									
9,10-Dimethyl phenanthrene	µg/kg									
Acenaphthene	µg/kg		74 UJ	370 U						
Acenaphthylene	µg/kg		74 UJ	370 U						
Annotine, 15-deoxy-15-(ethylthio)	µg/kg									
Anthracene	µg/kg		43 J	370 U						
Azulene	µg/kg									
Benz(a)anthracene	µg/kg		84 J	170 J						
Benzo(a)pyrene	µg/kg		99 J	230 J						
Benzo(b)fluoranthene	µg/kg		170 J	390						
Benzo(g,h,i)perylene	µg/kg		55 J	150 J						
Benzo(k)fluoranthene	µg/kg		74 UJ	370 U						
Benzo[e]pyrene	µg/kg									
Biphenyl	µg/kg									
Bis(2-chloroethoxy)methane	µg/kg		74 UJ	370 U						
Bis(2-chloroethyl)ether	µg/kg		74 UJ	370 U						
Bis(2-ethylhexyl)phthalate	µg/kg		23 J	2,100						
Butylbenzylphthalate	µg/kg		74 UJ	370 U						
Carbazole	µg/kg		74 UJ	370 U						
Chrysene	µg/kg		98 J	320 J						
Cyclohexyl benzene	µg/kg									
Cyclopentyl benzene	µg/kg									
Dibenz(a,h)anthracene	µg/kg		22 J	370 U						
Dibenzofuran	µg/kg		74 UJ	370 U						
Dichlorobenzene, non-specific	µg/kg		74 UJ	160 J	132	99	45 M	11 U	71	267
Diethylphthalate	µg/kg		74 UJ	370 U						

Table I-4. (cont.)

Analyte	Units	Date / Station	5/11/92 S66	5/11/92 S90	7/7/92 S102	7/7/92 S103	7/7/92 S83	7/7/92 S84	7/7/92 S91	7/7/92 S96
Dimethylphthalate	µg/kg		74 UJ	370 U						
Di-n-butylphthalate	µg/kg		74 UJ	370 U						
Di-n-octylphthalate	µg/kg		74 UJ	370 U						
Fluoranthene	µg/kg		220 J	280 J						
Fluorene	µg/kg		23 J	370 U						
Hexachlorobenzene	µg/kg		74 UJ	370 U			294 M	2.4 J		
Hexachlorobutadiene	µg/kg		74 UJ	370 U						
Hexachlorocyclopentadiene	µg/kg		74 UJ	370 U						
Hexachloroethane	µg/kg		74 UJ	370 U						
Hexadecane	µg/kg		350 J							
Indeno(1,2,3-cd)pyrene	µg/kg		52 J	130 J						
Isophorone	µg/kg		74 UJ	370 U						
N-(phenylmethylene)-1-propanamine	µg/kg									
Naphthalene	µg/kg		74 UJ	370 U						
Nitrobenzene	µg/kg		74 UJ	370 U						
N-nitroso-di-n-propylamine	µg/kg		74 UJ	370 U						
N-Nitrosodiphenylamine(1)	µg/kg		74 UJ	370 U						
PAH-high MW	µg/kg		790	2,190						
PAH-low MW	µg/kg		418	2,220						
Pentachlorophenol	µg/kg		190 UJ	930 U						
Phenanthrene	µg/kg		130 J	370 U						
Phenol	µg/kg		74 UJ	370 U						
Pyrene	µg/kg		160 J	540						
Thio-, s-undecyl propionic acid	µg/kg									
Total benzofluoranthenes (b + k)	µg/kg									
Trichlorobenzene	µg/kg				23	18 J	7.5 M	11 U	15 J	47
Tritetracontane	µg/kg			230 J						
Undecylcyclohexane	µg/kg									
Pesticides and PCBs										
4,4'-DDD	µg/kg		5.4 U	14 U						
4,4'-DDE	µg/kg		5.4 U	14 U						
4,4'-DDT	µg/kg		5.4 U	14 U						
Aldrin	µg/kg		2.8 U	7.1 U						
alpha-BHC	µg/kg		2.8 U	7.1 U						
alpha-Chlordane	µg/kg		2.8 U	7.1 U						
Aroclor-1016	µg/kg		54 U	140 UJ	150 UJ	41 U	97 UM	37 U	78 UJ	140 UJ
Aroclor-1221	µg/kg		110 U	280 UJ	150 UJ	41 U	97 UM	37 U	78 UJ	140 UJ
Aroclor-1232	µg/kg		54 U	140 UJ	150 UJ	41 U	97 UM	37 U	78 UJ	140 UJ
Aroclor-1242	µg/kg		54 U	140 UJ	150 UJ	41 U	97 UM	37 U	78 UJ	140 UJ
Aroclor-1248	µg/kg		54 U	590	880 J	300	121 M	51	250 J	780 J
Aroclor-1254	µg/kg		54 U	140 UJ	150 UJ	41 U	97 UM	37 U	78 UJ	140 UJ
Aroclor-1260	µg/kg		54 U	240	350 J	110	256 M	37 U	70 J	370 J
beta-BHC	µg/kg		2.8 U	7.1 U						
Chlordane (Sum)	µg/kg		2.8 U	7.1 U						
delta-BHC	µg/kg		2.8 U	7.1 U						
Dieldrin	µg/kg		5.4 U	14 U						

Table I-4. (cont.)

Analyte	Units	Date Station	5/11/92 S66	5/11/92 S90	7/7/92 S102	7/7/92 S103	7/7/92 S83	7/7/92 S84	7/7/92 S91	7/7/92 S96
Endosulfan I	µg/kg		2.8 U	7.1 U						
Endosulfan II	µg/kg		5.4 U	14 U						
Endosulfan sulfate	µg/kg		5.4 U	14 U						
Endrin aldehyde	µg/kg		5.4 U	14 U						
Endrin ketone	µg/kg		5.4 U	14 U						
Endrin	µg/kg		5.4 U	14 U						
gamma-BHC (Lindane)	µg/kg		2.8 U	7.1 U						
gamma-Chlordane	µg/kg		2.8 U	7.1 U						
Heptachlor epoxide	µg/kg		2.8 U	7.1 U						
Heptachlor	µg/kg		2.8 U	7.1 U						
Methoxychlor	µg/kg		28 U	71 U						
PCBs (Sum)	µg/kg		54 U	830	1,230	410	377 M	70	320	1,150
Polychlorinated biphenyls	µg/kg		54 U	830	1,230 J	410	377 M	51	320 J	1,150 J
Toxaphene	µg/kg		280 U	710 U						
Dioxins/Furans										
2,5-Dihydro-2,5-dimethoxyfuran	µg/kg									

Table I-4. (cont.)

Analyte	Units	Date / Station	7/7/92 S97	7/7/92 S98	7/7/92 S99	7/8/92 S107	7/8/92 S22	7/8/92 S23	7/8/92 S85
Conventional Analytes									
Acid-volatile sulfide	mg/kg		4,000 J	2,000 J	2,000 J	160	5,000 J	4,000	2,000
Calcium carbonate	%-dw		53	51	53	58	64	54	68
Chloride-Calculated	mg/kg-ww		1,533	5,316	1,349	1,362	907	668	940
Chloride-Measured	mg/kg		5,500	12,000	4,700	3,700	2,000	1,700	1,900
Percent moisture	%-ww		78	69	78	73	69	72	67
Total organic carbon	%-dw		4.1	3.4	4.4	3.5	2.6 J	3.6	1.4
Total solids	%-ww		22	31	22	27	31	28	33
Percent clay	%-ww		3.3	5.3	3.5	3.8	3.5	3.7	3.5
Percent sand	%-ww		0.8	1.1	0.9	0.7	2.9	1.0	0.5
Percent silt	%-ww		18	24	19	22	26	24	31
Metals									
Aluminum	mg/kg								
Antimony	mg/kg								
Arsenic	mg/kg								
Barium	mg/kg								
Beryllium	mg/kg								
Cadmium	mg/kg		12	9.9	19	23	11	15	0.8 U
Calcium	mg/kg		229,000 J	208,000 J	222,000 J	223,000	248,000	195,000	243,000
Chromium	mg/kg		237 J	188 J	306 J	404 J	216	234 J	19 J
Cobalt	mg/kg								
Copper	mg/kg		116	135	136	186	107	155	27
Iron	mg/kg								
Lead	mg/kg		128	114	146	156	156	231	29
Magnesium	mg/kg		3,970	4,090	4,110	3,800	16,400	6,680	7,870
Manganese	mg/kg								
Mercury	mg/kg		15	7.8	11	20	6.2	15	2.1
Nickel	mg/kg		76	69	75	99	57	55	13 B
Potassium	mg/kg								
Selenium	mg/kg								
Silver	mg/kg								
Sodium	mg/kg								
Thallium	mg/kg								
Vanadium	mg/kg								
Zinc	mg/kg		331 J	300 J	351 J	358 J	228	343 J	78 J
Volatile Organic Compounds									
1,1,1-Trichloroethane	µg/kg								
1,1,2,2-Tetrachloroethane	µg/kg								
1,1,2-Trichloroethane	µg/kg								
1,1-Dichloroethane	µg/kg								
1,1-Dichloroethene	µg/kg								
1,2-Dichloroethane	µg/kg								
1,2-Dichloroethene (Total)	µg/kg								
1,2-Dichloropropane	µg/kg								
2-Butanone	µg/kg								
2-Hexanone	µg/kg								

Table I-4. (cont.)

Analyte	Units	Date / Station	7/7/92 S97	7/7/92 S98	7/7/92 S99	7/8/92 S107	7/8/92 S22	7/8/92 S23	7/8/92 S85
4-Methyl-2-pentanone	µg/kg								
Acetone	µg/kg								
Benzene	µg/kg		20 J	22	28 J	3.0 J	2,800 J	2,000 U	19
Bromodichloromethane	µg/kg								
Bromoform	µg/kg								
Bromomethane	µg/kg								
Carbon disulfide	µg/kg								
Carbon Tetrachloride	µg/kg								
Chlorobenzene	µg/kg		70	68	82 J	76	21,000	5,400	4.0 J
Chloroethane	µg/kg								
Chloroform	µg/kg								
Chloromethane	µg/kg								
Cis-1,3-dichloropropene	µg/kg								
Dibromochloromethane	µg/kg								
Ethylbenzene	µg/kg		52	41	22 UJ	18 U	3,600 U	2,000 U	14 U
Isopropanol	µg/kg								
Pentachloro benzene	µg/kg					5.4 U	33 J	10	5.0 UJ
Styrene	µg/kg								
Tetrachlorobenzene (mixed)	µg/kg					5.4 UJ	120 J	5.7 UJ	5.0 UJ
Tetrachloroethene	µg/kg								
Toluene	µg/kg		23 U	16 U	22 UJ	14 J	3,300 J	2,000 U	7.0 J
Trans-1,3-dichloropropene	µg/kg								
Trichloroethene	µg/kg								
Vinyl chloride	µg/kg								
Xylene (Total)	µg/kg		31	26	44 J	51	20,000	2,000 U	14 U
Semivolatile Organic Compounds									
1-(1,1-Dimethylethyl) benzene	µg/kg								
1,1'-(1-methylethylidene)bis-benzene	µg/kg								
1,1'(3methyl1propene1,3diyl)bis-benzer	µg/kg								
1,1-Diphenyl-2-propanone	µg/kg								
1,1'-Ethylidenebis-benzene	µg/kg								
1,2,3,4-Tetrachlorobenzene	µg/kg					5.4 U	52 J	4.0 J	5.0 UJ
1,2,3-Trichlorobenzene	µg/kg		23 U	16 U	22 UJ	18 U	3,600 U	2,000 U	14 U
1,2,4-Trichlorobenzene	µg/kg		44	28	59 J	17 J	3,600 U	2,000 U	14 U
1,2,4-Trimethylbenzene	µg/kg								
1,2-Dichlorobenzene	µg/kg		45	30	84 J	48	16,000	2,000 U	14 U
1,2-Dimethylnaphthalene	µg/kg								
1,3,5-Trichlorobenzene	µg/kg		23 U	16 U	22 UJ	18 U	3,600 U	2,000 U	14 U
1,3,5-Trimethylbenzene	µg/kg								
1,3-Dichlorobenzene	µg/kg		43	34	69 J	27	3,400 J	2,000 U	14 U
1,3-Dimethylbutylbenzene	µg/kg								
1,4,5-Trimethylnaphthalene	µg/kg								
1,4-Dichlorobenzene	µg/kg		130	110	190 J	120	32,000	1,700 J	14 U
1,4-Dihydro-1,4-methanonaphthalene	µg/kg								
1,4-Dimethyl naphthalene	µg/kg								
11h-Benzo[a]fluorene	µg/kg								

Table I-4. (cont.)

Analyte	Units	Date Station	7/7/92 S97	7/7/92 S98	7/7/92 S99	7/8/92 S107	7/8/92 S22	7/8/92 S23	7/8/92 S85
11h-Benzo[b]fluorene	µg/kg								
1-Ethyl-4-methyl-benzene	µg/kg								
1-Ethylbutyl-benzene	µg/kg								
1-Iododecane	µg/kg								
1-Methyl phenanthrene	µg/kg								
1-Methyl-benz[a]anthracene	µg/kg								
1-Methylbutyl benzene	µg/kg								
1-Methylheptyl benzene	µg/kg								
1-Methylhexyl benzene	µg/kg								
1-Methylnaphthalene	µg/kg								
1-Methylpentyl benzene	µg/kg								
1-Methylpropyl benzene	µg/kg								
1-Methylpyrene	µg/kg								
1-Propynyl benzene	µg/kg								
2,2'-Oxybis(1-chloropropane)	µg/kg								
2,3,6-Trimethyl octane	µg/kg								
2,3,7-Trimethyl octane	µg/kg								
2,3-Dihydro-1,1,4-1h-indene	µg/kg								
2,3-Dihydro-1h-inden-1-one	µg/kg								
2,3-Dihydro-1-methyl-3-phenyl-1h-inde	µg/kg								
2,4,5-Trichlorophenol	µg/kg								
2,4,6-Trichlorophenol	µg/kg								
2,4-Dichlorophenol	µg/kg								
2,4-Dimethylphenol	µg/kg								
2,4-Dinitrophenol	µg/kg								
2,4-Dinitrotoluene	µg/kg								
2,5-bis(1,1-dimethyletyl)-thiophene	µg/kg								
2,5-Dimethyl phenanthrene	µg/kg								
2,6-Dinitrotoluene	µg/kg								
2,7,10-Trimethyldodecane	µg/kg								
2-Chloronaphthalene	µg/kg								
2-Chlorophenol	µg/kg								
2-Ethyl-1-hexanamine	µg/kg								
2-Fluoro-biphenyl	µg/kg								
2-Methyl-4,6-dinitrophenol	µg/kg								
2-Methyl-anthracene	µg/kg								
2-Methylnaphthalene	µg/kg								
2-Methylphenol	µg/kg								
2-Methylpyrene	µg/kg								
2-Nitroaniline	µg/kg								
2-Nitrophenol	µg/kg								
2-Phenyl naphthalene	µg/kg								
3-(2-Phenylethenly)-benzenamine	µg/kg								
3,3-Dichlorobenzidine	µg/kg								
3,5-Dichloro-2-hydroxy-benzaldehyde	µg/kg								
3,6-Dimethyl phenanthrene	µg/kg								

Table I-4. (cont.)

Analyte	Units	Date / Station	7/7/92 S97	7/7/92 S98	7/7/92 S99	7/8/92 S107	7/8/92 S22	7/8/92 S23	7/8/92 S85
3,6-Dimethyl undecane	µg/kg								
3-Methyl phenanthrene	µg/kg								
3-Methylcyclopentylbenzene	µg/kg								
3-Nitroaniline	µg/kg								
4,6-Dimethyl undecane	µg/kg								
4-Bromophenyl-phenyl ether	µg/kg								
4-Chloro-3-methylphenol	µg/kg								
4-Chloroaniline	µg/kg								
4-Chlorophenyl-phenyl ether	µg/kg								
4-Ethyl-1,2-dimethylbenzene	µg/kg								
4-Methyl dodecane	µg/kg								
4-Methyl phenanthrene	µg/kg								
4-Methyl tetradecane	µg/kg								
4-Methylphenol	µg/kg								
4-Nitroaniline	µg/kg								
4-Nitrophenol	µg/kg								
5-Methyl-5-phenyl-2-hexanone	µg/kg								
5-Propyldecane	µg/kg								
6-Methyldodecane	µg/kg								
7-Methyl tridecane	µg/kg								
7-Methyl-benz[a]anthracene	µg/kg								
9,10-Dimethyl phenanthrene	µg/kg								
Acenaphthene	µg/kg								
Acenaphthylene	µg/kg								
Annotine, 15-deoxy-15-(ethylthio)	µg/kg								
Anthracene	µg/kg								
Azulene	µg/kg								
Benz(a)anthracene	µg/kg								
Benzo(a)pyrene	µg/kg								
Benzo(b)fluoranthene	µg/kg								
Benzo(g,h,i)perylene	µg/kg								
Benzo(k)fluoranthene	µg/kg								
Benzo[e]pyrene	µg/kg								
Biphenyl	µg/kg								
Bis(2-chloroethoxy)methane	µg/kg								
Bis(2-chloroethyl)ether	µg/kg								
Bis(2-ethylhexyl)phthalate	µg/kg								
Butylbenzylphthalate	µg/kg								
Carbazole	µg/kg								
Chrysene	µg/kg								
Cyclohexyl benzene	µg/kg								
Cyclopentyl benzene	µg/kg								
Dibenz(a,h)anthracene	µg/kg								
Dibenzofuran	µg/kg								
Dichlorobenzene, non-specific	µg/kg		218	174	343 J	195	51,400	1,700 J	14 U
Diethylphthalate	µg/kg								

Table I-4. (cont.)

Analyte	Units	Date / Station	7/7/92 S97	7/7/92 S98	7/7/92 S99	7/8/92 S107	7/8/92 S22	7/8/92 S23	7/8/92 S85
Dimethylphthalate	µg/kg								
Di-n-butylphthalate	µg/kg								
Di-n-octylphthalate	µg/kg								
Fluoranthene	µg/kg								
Fluorene	µg/kg								
Hexachlorobenzene	µg/kg					5.4 U	1,000 J	60	5.0 UJ
Hexachlorobutadiene	µg/kg								
Hexachlorocyclopentadiene	µg/kg								
Hexachloroethane	µg/kg								
Hexadecane	µg/kg								
Indeno(1,2,3-cd)pyrene	µg/kg								
Isophorone	µg/kg								
N-(phenylmethylene)-1-propanamine	µg/kg								
Naphthalene	µg/kg								
Nitrobenzene	µg/kg								
N-nitroso-di-n-propylamine	µg/kg								
N-Nitrosodiphenylamine(1)	µg/kg								
PAH-high MW	µg/kg								
PAH-low MW	µg/kg								
Pentachlorophenol	µg/kg								
Phenanthrene	µg/kg								
Phenol	µg/kg								
Pyrene	µg/kg								
Thio-, s-undecyl propionic acid	µg/kg								
Total benzofluoranthenes (b + k)	µg/kg								
Trichlorobenzene	µg/kg		44	28	59 J	17 J	3,600 U	2,000 U	14 U
Tritetracontane	µg/kg								
Undecylcyclohexane	µg/kg								
Pesticides and PCBs									
4,4'-DDD	µg/kg								
4,4'-DDE	µg/kg								
4,4'-DDT	µg/kg								
Aldrin	µg/kg								
alpha-BHC	µg/kg								
alpha-Chlordane	µg/kg								
Aroclor-1016	µg/kg		74 UJ	58 UJ	74 UJ	54 U	260 U	290 U	50 UJ
Aroclor-1221	µg/kg		74 UJ	58 UJ	74 UJ	54 U	260 U	290 U	50 UJ
Aroclor-1232	µg/kg		74 UJ	58 UJ	74 UJ	54 U	260 U	290 U	50 UJ
Aroclor-1242	µg/kg		74 UJ	58 UJ	74 UJ	54 U	260 U	290 U	50 UJ
Aroclor-1248	µg/kg		400 J	260 J	270 J	200	1,600	1,300	50 UJ
Aroclor-1254	µg/kg		74 UJ	58 UJ	74 UJ	54 U	260 U	290 U	50 UJ
Aroclor-1260	µg/kg		180 J	110 J	100 J	54 U	420	510	50 UJ
beta-BHC	µg/kg								
Chlordane (Sum)	µg/kg								
delta-BHC	µg/kg								
Dieldrin	µg/kg								

Table I-4. (cont.)

Analyte	Units	Date Station	7/7/92 S97	7/7/92 S98	7/7/92 S99	7/8/92 S107	7/8/92 S22	7/8/92 S23	7/8/92 S85
Endosulfan I	µg/kg								
Endosulfan II	µg/kg								
Endosulfan sulfate	µg/kg								
Endrin aldehyde	µg/kg								
Endrin ketone	µg/kg								
Endrin	µg/kg								
gamma-BHC (Lindane)	µg/kg								
gamma-Chlordane	µg/kg								
Heptachlor epoxide	µg/kg								
Heptachlor	µg/kg								
Methoxychlor	µg/kg								
PCBs (Sum)	µg/kg		580	370	370	227	2,020	1,810	50 U
Polychlorinated biphenyls	µg/kg		580 J	370 J	370 J	200	2,020	1,810	50 UJ
Toxaphene	µg/kg								
Dioxins/Furans									
2,5-Dihydro-2,5-dimethoxyfuran	µg/kg								

Table I-4. (cont.)

Analyte	Units	Date / Station	7/9/92 S31	7/9/92 S32	7/9/92 S38	7/9/92 S40	7/10/92 S11	7/10/92 S12	7/10/92 S18	7/10/92 S19
Conventional Analytes										
Acid-volatile sulfide	mg/kg		4,000	6,000	5,000	4,933 M	2,300	1,900	5,000	2,000
Calcium carbonate	%-dw		47	45	47	48 M	46	42	28	43
Chloride-Calculated	mg/kg-ww		999	1,099	8,208	1,820 M	929	829	652	732
Chloride-Measured	mg/kg		3,900	3,500	23,000	6,300 M	1,400	1,500	1,300	1,600
Percent moisture	%-ww		80	76	74	78 M	60	64	67	69
Total organic carbon	%-dw		3.5	3.4	3.7	3.7 M	2.6	2.6	3.6	3.4
Total solids	%-ww		20	24	26	22 M	40	36	33	31
Percent clay	%-ww		5.0	3.1	4.1	5.1 M	2.8	3.0	4.7	3.0
Percent sand	%-ww		1.0	0.8	0.8	0.4 M	12	4.2	3.5	3.0
Percent silt	%-ww		18	20	22	17 M	26	28	23	26
Metals										
Aluminum	mg/kg									
Antimony	mg/kg									
Arsenic	mg/kg									
Barium	mg/kg									
Beryllium	mg/kg									
Cadmium	mg/kg		8.4	9.4	11	12 M	8.2	8.9	18	9.6
Calcium	mg/kg		191,000	188,000	189,000	200,333 M	184,000	152,000	98,600	161,000
Chromium	mg/kg		187 J	191 J	850 J	283 M	107	143 J	182	168
Cobalt	mg/kg									
Copper	mg/kg		126	137	143	145 M	105	132	175	137
Iron	mg/kg									
Lead	mg/kg		147	160	196	179 M	144	168	288	171
Magnesium	mg/kg		8,490	8,640	6,320	7,600 M	9,750	11,600	14,400	10,500
Manganese	mg/kg									
Mercury	mg/kg		2.7	2.5	5.9	6.2	3.7	3.3	1.8	2.4
Nickel	mg/kg		59	56	149	75	31	45	56	44
Potassium	mg/kg									
Selenium	mg/kg									
Silver	mg/kg									
Sodium	mg/kg									
Thallium	mg/kg									
Vanadium	mg/kg									
Zinc	mg/kg		374 J	385 J	331 J	397	302	378 J	430	400
Volatile Organic Compounds										
1,1,1-Trichloroethane	µg/kg									
1,1,2,2-Tetrachloroethane	µg/kg									
1,1,2-Trichloroethane	µg/kg									
1,1-Dichloroethane	µg/kg									
1,1-Dichloroethene	µg/kg									
1,2-Dichloroethane	µg/kg									
1,2-Dichloroethene (Total)	µg/kg									
1,2-Dichloropropane	µg/kg									
2-Butanone	µg/kg									
2-Hexanone	µg/kg									

Table I-4. (cont.)

Analyte	Units	Date / Station	7/9/92 S31	7/9/92 S32	7/9/92 S38	7/9/92 S40	7/10/92 S11	7/10/92 S12	7/10/92 S18	7/10/92 S19
4-Methyl-2-pentanone	µg/kg									
Acetone	µg/kg									
Benzene	µg/kg		12 J	14 J	15 J	577 M	1,500 U	4.0 J	5.0 J	16 U
Bromodichloromethane	µg/kg									
Bromoform	µg/kg									
Bromomethane	µg/kg									
Carbon disulfide	µg/kg									
Carbon Tetrachloride	µg/kg									
Chlorobenzene	µg/kg		110 J	110 J	17 J	120 M	1,300 J	40	68	78
Chloroethane	µg/kg									
Chloroform	µg/kg									
Chloromethane	µg/kg									
Cis-1,3-dichloropropene	µg/kg									
Dibromochloromethane	µg/kg									
Ethylbenzene	µg/kg		24 UJ	20 UJ	20 U	32 UM	1,500 U	14 U	15 U	16 U
Isopropanol	µg/kg									
Pentachloro benzene	µg/kg		4.3 J	6.9 UJ	6.2 UJ	7.4 UM	4.1 U	4.7 UJ	4.9 U	5.3 U
Styrene	µg/kg									
Tetrachlorobenzene (mixed)	µg/kg		8.1 UJ	7.0 UJ	6.2 UJ	5.0 M	4.1 UJ	4.7 UJ	4.9 UJ	5.3 UJ
Tetrachloroethene	µg/kg									
Toluene	µg/kg		24 UJ	20 UJ	20 U	32 UM	1,500 U	5.0 J	13 J	3.0 J
Trans-1,3-dichloropropene	µg/kg									
Trichloroethene	µg/kg									
Vinyl chloride	µg/kg									
Xylene (Total)	µg/kg		87 J	20 UJ	15 J	54 M	1,500 U	14 U	83	18
Semivolatile Organic Compounds										
1-(1,1-Dimethylethyl) benzene	µg/kg									
1,1'-(1-methylethylidene)bis-benzene	µg/kg									
1,1'(3methyl1propene1,3diyl)bis-benzer	µg/kg									
1,1-Diphenyl-2-propanone	µg/kg									
1,1'-Ethylidenebis-benzene	µg/kg									
1,2,3,4-Tetrachlorobenzene	µg/kg		5.7 J	3.9 J	6.2 UJ	7.4 UM	4.1 U	4.7 BUJ	4.9 U	3.2
1,2,3-Trichlorobenzene	µg/kg		24 UJ	20 UJ	20 U	32 UM	910 J	14 U	15 U	16 U
1,2,4-Trichlorobenzene	µg/kg		26 J	21 J	20 U	22 M	1,500 U	14 U	18	10 J
1,2,4-Trimethylbenzene	µg/kg									
1,2-Dichlorobenzene	µg/kg		19 J	18 J	20 U	21 M	1,500 U	7.0 J	29	16
1,2-Dimethylnaphthalene	µg/kg									
1,3,5-Trichlorobenzene	µg/kg		24 UJ	20 UJ	20 U	32 UM	1,500 U	14 U	14 J	16 U
1,3,5-Trimethylbenzene	µg/kg									
1,3-Dichlorobenzene	µg/kg		19 J	16 J	8.0 J	22 M	1,500 U	14 U	15 U	16 U
1,3-Dimethylbutylbenzene	µg/kg									
1,4,5-Trimethylnaphthalene	µg/kg									
1,4-Dichlorobenzene	µg/kg		65 J	56 J	18 J	62 M	1,800	28	63	43
1,4-Dihydro-1,4-methanonaphthalene	µg/kg									
1,4-Dimethyl naphthalene	µg/kg									
11h-Benzo[a]fluorene	µg/kg									

Table I-4. (cont.)

Analyte	Units	Date / Station	7/9/92 S31	7/9/92 S32	7/9/92 S38	7/9/92 S40	7/10/92 S11	7/10/92 S12	7/10/92 S18	7/10/92 S19
11h-Benzo[b]fluorene	µg/kg									
1-Ethyl-4-methyl-benzene	µg/kg									
1-Ethylbutyl-benzene	µg/kg									
1-Iododecane	µg/kg									
1-Methyl phenanthrene	µg/kg									
1-Methyl-benz[a]anthracene	µg/kg									
1-Methylbutyl benzene	µg/kg									
1-Methylheptyl benzene	µg/kg									
1-Methylhexyl benzene	µg/kg									
1-Methylnaphthalene	µg/kg									
1-Methylpentyl benzene	µg/kg									
1-Methylpropyl benzene	µg/kg									
1-Methylpyrene	µg/kg									
1-Propynyl benzene	µg/kg									
2,2'-Oxybis(1-chloropropane)	µg/kg									
2,3,6-Trimethyl octane	µg/kg									
2,3,7-Trimethyl octane	µg/kg									
2,3-Dihydro-1,1,4-1h-indene	µg/kg									
2,3-Dihydro-1h-inden-1-one	µg/kg									
2,3-Dihydro-1-methyl-3-phenyl-1h-inde	µg/kg									
2,4,5-Trichlorophenol	µg/kg									
2,4,6-Trichlorophenol	µg/kg									
2,4-Dichlorophenol	µg/kg									
2,4-Dimethylphenol	µg/kg									
2,4-Dinitrophenol	µg/kg									
2,4-Dinitrotoluene	µg/kg									
2,5-bis(1,1-dimethyletyl)-thiophene	µg/kg									
2,5-Dimethyl phenanthrene	µg/kg									
2,6-Dinitrotoluene	µg/kg									
2,7,10-Trimethyldodecane	µg/kg									
2-Chloronaphthalene	µg/kg									
2-Chlorophenol	µg/kg									
2-Ethyl-1-hexanamine	µg/kg									
2-Fluoro-biphenyl	µg/kg									
2-Methyl-4,6-dinitrophenol	µg/kg									
2-Methyl-anthracene	µg/kg									
2-Methylnaphthalene	µg/kg									
2-Methylphenol	µg/kg									
2-Methylpyrene	µg/kg									
2-Nitroaniline	µg/kg									
2-Nitrophenol	µg/kg									
2-Phenyl naphthalene	µg/kg									
3-(2-Phenylethenly)-benzenamine	µg/kg									
3,3-Dichlorobenzidine	µg/kg									
3,5-Dichloro-2-hydroxy-benzaldehyde	µg/kg									
3,6-Dimethyl phenanthrene	µg/kg									

Table I-4. (cont.)

Analyte	Units	Date / Station	7/9/92 S31	7/9/92 S32	7/9/92 S38	7/9/92 S40	7/10/92 S11	7/10/92 S12	7/10/92 S18	7/10/92 S19
3,6-Dimethyl undecane	µg/kg									
3-Methyl phenanthrene	µg/kg									
3-Methylcyclopentylbenzene	µg/kg									
3-Nitroaniline	µg/kg									
4,6-Dimethyl undecane	µg/kg									
4-Bromophenyl-phenyl ether	µg/kg									
4-Chloro-3-methylphenol	µg/kg									
4-Chloroaniline	µg/kg									
4-Chlorophenyl-phenyl ether	µg/kg									
4-Ethyl-1,2-dimethylbenzene	µg/kg									
4-Methyl dodecane	µg/kg									
4-Methyl phenanthrene	µg/kg									
4-Methyl tetradecane	µg/kg									
4-Methylphenol	µg/kg									
4-Nitroaniline	µg/kg									
4-Nitrophenol	µg/kg									
5-Methyl-5-phenyl-2-hexanone	µg/kg									
5-Propyldecane	µg/kg									
6-Methyldodecane	µg/kg									
7-Methyl tridecane	µg/kg									
7-Methyl-benz[a]anthracene	µg/kg									
9,10-Dimethyl phenanthrene	µg/kg									
Acenaphthene	µg/kg						3,200 J		4,400 J	
Acenaphthylene	µg/kg						3,800 J		6,100 J	
Annotine, 15-deoxy-15-(ethylthio)	µg/kg									
Anthracene	µg/kg						680 J		2,900 J	
Azulene	µg/kg									
Benz(a)anthracene	µg/kg						1,600 J		3,200 J	
Benzo(a)pyrene	µg/kg						1,600 J		2,400.0 J	
Benzo(b)fluoranthene	µg/kg						3,000 J		4,800 J	
Benzo(g,h,i)perylene	µg/kg						2,700 J		4,600 J	
Benzo(k)fluoranthene	µg/kg						490 J		830 J	
Benzo[e]pyrene	µg/kg									
Biphenyl	µg/kg									
Bis(2-chloroethoxy)methane	µg/kg									
Bis(2-chloroethyl)ether	µg/kg									
Bis(2-ethylhexyl)phthalate	µg/kg									
Butylbenzylphthalate	µg/kg									
Carbazole	µg/kg									
Chrysene	µg/kg						2,700 J		5,400 J	
Cyclohexyl benzene	µg/kg									
Cyclopentyl benzene	µg/kg									
Dibenz(a,h)anthracene	µg/kg						650 J		1,000 J	
Dibenzofuran	µg/kg									
Dichlorobenzene, non-specific	µg/kg		103 J	90 J	26 J	87 M	1,800	35	92	59
Diethylphthalate	µg/kg									

Table I-4. (cont.)

Analyte	Units	Date / Station	7/9/92 S31	7/9/92 S32	7/9/92 S38	7/9/92 S40	7/10/92 S11	7/10/92 S12	7/10/92 S18	7/10/92 S19
Dimethylphthalate	µg/kg									
Di-n-butylphthalate	µg/kg									
Di-n-octylphthalate	µg/kg									
Fluoranthene	µg/kg						2,700 J		990 UJ	
Fluorene	µg/kg						500 J		2,700 J	
Hexachlorobenzene	µg/kg		8.1 UJ	26 J	6.2 UJ	3.7 M	4.1 U	2.7 J	4.9 U	3.1
Hexachlorobutadiene	µg/kg									
Hexachlorocyclopentadiene	µg/kg									
Hexachloroethane	µg/kg									
Hexadecane	µg/kg									
Indeno(1,2,3-cd)pyrene	µg/kg						570 J		1,300 J	
Isophorone	µg/kg									
N-(phenylmethylene)-1-propanamine	µg/kg									
Naphthalene	µg/kg						1,500 J		1,400 J	
Nitrobenzene	µg/kg									
N-nitroso-di-n-propylamine	µg/kg									
N-Nitrosodiphenylamine(1)	µg/kg									
PAH-high MW	µg/kg						15,420		26,790	
PAH-low MW	µg/kg						11,380		25,900	
Pentachlorophenol	µg/kg									
Phenanthrene	µg/kg						1,700 J		8,400 J	
Phenol	µg/kg									
Pyrene	µg/kg						2,900 J		7,900 J	
Thio-, s-undecyl propionic acid	µg/kg									
Total benzofluoranthenes (b + k)	µg/kg									
Trichlorobenzene	µg/kg		26 J	21 J	20 U	22 M	910 J	14 U	32	10 J
Tritetracontane	µg/kg									
Undecylcyclohexane	µg/kg									
Pesticides and PCBs										
4,4'-DDD	µg/kg									
4,4'-DDE	µg/kg									
4,4'-DDT	µg/kg									
Aldrin	µg/kg									
alpha-BHC	µg/kg									
alpha-Chlordane	µg/kg									
Aroclor-1016	µg/kg		81 UJ	140 U	62 UJ	74 UM	83 UJ	47 U	200 UJ	53 UJ
Aroclor-1221	µg/kg		81 UJ	140 U	62 UJ	74 UM	83 UJ	47 U	200 UJ	53 UJ
Aroclor-1232	µg/kg		81 UJ	140 U	62 UJ	74 UM	83 UJ	47 U	200 UJ	53 UJ
Aroclor-1242	µg/kg		81 UJ	140 U	62 UJ	74 UM	83 UJ	47 U	200 UJ	53 UJ
Aroclor-1248	µg/kg		160 J	1,000	290 J	487 M	490 J	250	660 J	550 J
Aroclor-1254	µg/kg		81 UJ	140 U	62 UJ	74 UM	83 UJ	47 U	200 UJ	53 UJ
Aroclor-1260	µg/kg		170 J	370	190 J	297 M	1,100 J	310	590 J	260 J
beta-BHC	µg/kg									
Chlordane (Sum)	µg/kg									
delta-BHC	µg/kg									
Dieldrin	µg/kg									

Table I-4. (cont.)

Analyte	Units	Date / Station	7/9/92 S31	7/9/92 S32	7/9/92 S38	7/9/92 S40	7/10/92 S11	7/10/92 S12	7/10/92 S18	7/10/92 S19
Endosulfan I	µg/kg									
Endosulfan II	µg/kg									
Endosulfan sulfate	µg/kg									
Endrin aldehyde	µg/kg									
Endrin ketone	µg/kg									
Endrin	µg/kg									
gamma-BHC (Lindane)	µg/kg									
gamma-Chlordane	µg/kg									
Heptachlor epoxide	µg/kg									
Heptachlor	µg/kg									
Methoxychlor	µg/kg									
PCBs (Sum)	µg/kg		330	1,370	480	783 M	1,590	560	1,250	810
Polychlorinated biphenyls	µg/kg		330 J	1,370	480 J	783 M	1,590 J	560	1,250 J	810 J
Toxaphene	µg/kg									
Dioxins/Furans										
2,5-Dihydro-2,5-dimethoxyfuran	µg/kg									

Table I-4. (cont.)

Analyte	Units	Date / Station	7/10/92 S24	7/10/92 S25	7/10/92 S30	7/11/92 S63	7/11/92 S69	7/11/92 S70	7/11/92 S78	7/11/92 S79
Conventional Analytes										
Acid-volatile sulfide	mg/kg		4,000	4,000	8,000	3,000	6,000	6,000	3,000	3,600
Calcium carbonate	%-dw		51	48	46	56	58	46	63	59
Chloride-Calculated	mg/kg-ww		761	1,056	1,270	1,463	1,354	2,026	1,611	1,362
Chloride-Measured	mg/kg		2,100	2,900	4,000	3,800	3,500	6,900	3,300	3,400
Percent moisture	%-ww		73	73	76	72	72	77	67	71
Total organic carbon	%-dw		2.8	3.0	3.8	3.0	2.9	4.1	2.1	2.7
Total solids	%-ww		27	27	24	28	28	23	33	29
Percent clay	%-ww		2.6	2.7	3.7	3.3	3.4	4.0	2.3	4.3
Percent sand	%-ww		2.0	0.8	0.6	0.6	0.8	0.6	0.7	0.3
Percent silt	%-ww		22	23	20	24	24	18	30	23
Metals										
Aluminum	mg/kg									
Antimony	mg/kg									
Arsenic	mg/kg									
Barium	mg/kg									
Beryllium	mg/kg									
Cadmium	mg/kg		6.1	5.5	11	5.7	5.4	18	1.7 B	6.2
Calcium	mg/kg		193,000	173,000	180,000	226,000	234,000	195,000	256,000	222,000
Chromium	mg/kg		112	100	248	118	128	293	43	117
Cobalt	mg/kg									
Copper	mg/kg		99	100	144	77	79	148	46	75
Iron	mg/kg									
Lead	mg/kg		113	101	182	92	99	176	48	91
Magnesium	mg/kg		9,310	9,060	7,660	6,510	5,850	6,150	6,840	5,640
Manganese	mg/kg									
Mercury	mg/kg		3.6	2.9	4.1	2.6	5.5	0.2 U	1.9	8.0
Nickel	mg/kg		38	36	65	42	42	77	24	41
Potassium	mg/kg									
Selenium	mg/kg									
Silver	mg/kg									
Sodium	mg/kg									
Thallium	mg/kg									
Vanadium	mg/kg									
Zinc	mg/kg		262	244	389	244	245	392 J	143 J	232 J
Volatile Organic Compounds										
1,1,1-Trichloroethane	µg/kg									
1,1,2,2-Tetrachloroethane	µg/kg									
1,1,2-Trichloroethane	µg/kg									
1,1-Dichloroethane	µg/kg									
1,1-Dichloroethene	µg/kg									
1,2-Dichloroethane	µg/kg									
1,2-Dichloroethene (Total)	µg/kg									
1,2-Dichloropropane	µg/kg									
2-Butanone	µg/kg									
2-Hexanone	µg/kg									

Table I-4. (cont.)

Analyte	Units	Date Station	7/10/92 S24	7/10/92 S25	7/10/92 S30	7/11/92 S63	7/11/92 S69	7/11/92 S70	7/11/92 S78	7/11/92 S79
4-Methyl-2-pentanone	µg/kg									
Acetone	µg/kg									
Benzene	µg/kg		8.0 J	12 J	41	28 J	27 J	6.0 J	6.0 J	8.0 J
Bromodichloromethane	µg/kg									
Bromoform	µg/kg									
Bromomethane	µg/kg									
Carbon disulfide	µg/kg									
Carbon Tetrachloride	µg/kg									
Chlorobenzene	µg/kg		50	67	170	37 J	61 J	40	21	29 J
Chloroethane	µg/kg									
Chloroform	µg/kg									
Chloromethane	µg/kg									
Cis-1,3-dichloropropene	µg/kg									
Dibromochloromethane	µg/kg									
Ethylbenzene	µg/kg		20 U	17 U	20 U	18 UJ	18 UJ	23 U	14 U	18 UJ
Isopropanol	µg/kg									
Pentachloro benzene	µg/kg		6.1 U	6.2 U	3.9	5.9 UJ			5.0 U	
Styrene	µg/kg									
Tetrachlorobenzene (mixed)	µg/kg		11 BUJ	6.2 UJ	14 BJ	5.9 UJ			5.0 UJ	
Tetrachloroethene	µg/kg									
Toluene	µg/kg		7.0 J	15 J	18 J	7.0 J	13 J	23 U	10 J	18 UJ
Trans-1,3-dichloropropene	µg/kg									
Trichloroethene	µg/kg									
Vinyl chloride	µg/kg									
Xylene (Total)	µg/kg		27	13 J	71	18 UJ	16 J	23 U	14 U	18 UJ
Semivolatile Organic Compounds										
1-(1,1-Dimethylethyl) benzene	µg/kg									
1,1'-(1-methylethylidene)bis-benzene	µg/kg									
1,1'(3methyl1propene1,3diyl)bis-benzer	µg/kg									
1,1-Diphenyl-2-propanone	µg/kg									
1,1'-Ethylidenebis-benzene	µg/kg									
1,2,3,4-Tetrachlorobenzene	µg/kg		4.9	6.2 U	5.4	5.9 UJ			5.0 U	
1,2,3-Trichlorobenzene	µg/kg		20 U	17 U	14 J	18 UJ	18 UJ	23 U	14 U	18 UJ
1,2,4-Trichlorobenzene	µg/kg		20 U	17 U	28	20 J	36 J	24	14 U	34 J
1,2,4-Trimethylbenzene	µg/kg									
1,2-Dichlorobenzene	µg/kg		11 J	10 J	20 J	18 UJ	15 J	20 J	6.0 J	18 UJ
1,2-Dimethylnaphthalene	µg/kg									
1,3,5-Trichlorobenzene	µg/kg		20 U	17 U	20 U	18 UJ	18 UJ	23 U	14 U	18 UJ
1,3,5-Trimethylbenzene	µg/kg									
1,3-Dichlorobenzene	µg/kg		20 U	17 U	20 J	18 UJ	20 J	23	17	18 J
1,3-Dimethylbutylbenzene	µg/kg									
1,4,5-Trimethylnaphthalene	µg/kg									
1,4-Dichlorobenzene	µg/kg		30	35	67	33 J	61 J	54	13 J	45 J
1,4-Dihydro-1,4-methanonaphthalene	µg/kg									
1,4-Dimethyl naphthalene	µg/kg									
11h-Benzo[a]fluorene	µg/kg									

Table I-4. (cont.)

Analyte	Units	Date / Station	7/10/92 S24	7/10/92 S25	7/10/92 S30	7/11/92 S63	7/11/92 S69	7/11/92 S70	7/11/92 S78	7/11/92 S79
11h-Benzo[b]fluorene	µg/kg									
1-Ethyl-4-methyl-benzene	µg/kg									
1-Ethylbutyl-benzene	µg/kg									
1-Iododecane	µg/kg									
1-Methyl phenanthrene	µg/kg									
1-Methyl-benz[a]anthracene	µg/kg									
1-Methylbutyl benzene	µg/kg									
1-Methylheptyl benzene	µg/kg									
1-Methylhexyl benzene	µg/kg									
1-Methylnaphthalene	µg/kg									
1-Methylpentyl benzene	µg/kg									
1-Methylpropyl benzene	µg/kg									
1-Methylpyrene	µg/kg									
1-Propynyl benzene	µg/kg									
2,2'-Oxybis(1-chloropropane)	µg/kg									
2,3,6-Trimethyl octane	µg/kg									
2,3,7-Trimethyl octane	µg/kg									
2,3-Dihydro-1,1,4-1h-indene	µg/kg									
2,3-Dihydro-1h-inden-1-one	µg/kg									
2,3-Dihydro-1-methyl-3-phenyl-1h-inde	µg/kg									
2,4,5-Trichlorophenol	µg/kg									
2,4,6-Trichlorophenol	µg/kg									
2,4-Dichlorophenol	µg/kg									
2,4-Dimethylphenol	µg/kg									
2,4-Dinitrophenol	µg/kg									
2,4-Dinitrotoluene	µg/kg									
2,5-bis(1,1-dimethyletyl)-thiophene	µg/kg									
2,5-Dimethyl phenanthrene	µg/kg									
2,6-Dinitrotoluene	µg/kg									
2,7,10-Trimethyldodecane	µg/kg									
2-Chloronaphthalene	µg/kg									
2-Chlorophenol	µg/kg									
2-Ethyl-1-hexanamine	µg/kg									
2-Fluoro-biphenyl	µg/kg									
2-Methyl-4,6-dinitrophenol	µg/kg									
2-Methyl-anthracene	µg/kg									
2-Methylnaphthalene	µg/kg									
2-Methylphenol	µg/kg									
2-Methylpyrene	µg/kg									
2-Nitroaniline	µg/kg									
2-Nitrophenol	µg/kg									
2-Phenyl naphthalene	µg/kg									
3-(2-Phenylethenly)-benzenamine	µg/kg									
3,3-Dichlorobenzidine	µg/kg									
3,5-Dichloro-2-hydroxy-benzaldehyde	µg/kg									
3,6-Dimethyl phenanthrene	µg/kg									

Table I-4. (cont.)

Analyte	Units	Date Station	7/10/92 S24	7/10/92 S25	7/10/92 S30	7/11/92 S63	7/11/92 S69	7/11/92 S70	7/11/92 S78	7/11/92 S79
3,6-Dimethyl undecane	µg/kg									
3-Methyl phenanthrene	µg/kg									
3-Methylcyclopentylbenzene	µg/kg									
3-Nitroaniline	µg/kg									
4,6-Dimethyl undecane	µg/kg									
4-Bromophenyl-phenyl ether	µg/kg									
4-Chloro-3-methylphenol	µg/kg									
4-Chloroaniline	µg/kg									
4-Chlorophenyl-phenyl ether	µg/kg									
4-Ethyl-1,2-dimethylbenzene	µg/kg									
4-Methyl dodecane	µg/kg									
4-Methyl phenanthrene	µg/kg									
4-Methyl tetradecane	µg/kg									
4-Methylphenol	µg/kg									
4-Nitroaniline	µg/kg									
4-Nitrophenol	µg/kg									
5-Methyl-5-phenyl-2-hexanone	µg/kg									
5-Propyldecane	µg/kg									
6-Methyldodecane	µg/kg									
7-Methyl tridecane	µg/kg									
7-Methyl-benz[a]anthracene	µg/kg									
9,10-Dimethyl phenanthrene	µg/kg									
Acenaphthene	µg/kg		3,300 J	640 J	3,800 J					
Acenaphthylene	µg/kg		6,200 J	780 J	14,000 UJ					
Annotine, 15-deoxy-15-(ethylthio)	µg/kg									
Anthracene	µg/kg		360 J	61 UJ	480 J					
Azulene	µg/kg									
Benz(a)anthracene	µg/kg		490 J	400 J	720 J					
Benzo(a)pyrene	µg/kg		500 J	360 J	790 J					
Benzo(b)fluoranthene	µg/kg		1,200 UJ	1,000 J	1,200 J					
Benzo(g,h,i)perylene	µg/kg		1,400 J	650 J	2,400 J					
Benzo(k)fluoranthene	µg/kg		620 UJ	290 J	600 J					
Benzo[e]pyrene	µg/kg									
Biphenyl	µg/kg									
Bis(2-chloroethoxy)methane	µg/kg									
Bis(2-chloroethyl)ether	µg/kg									
Bis(2-ethylhexyl)phthalate	µg/kg									
Butylbenzylphthalate	µg/kg									
Carbazole	µg/kg									
Chrysene	µg/kg		850 J	420 J	1,300 J					
Cyclohexyl benzene	µg/kg									
Cyclopentyl benzene	µg/kg									
Dibenz(a,h)anthracene	µg/kg		1,200 UJ	180 J	500 J					
Dibenzofuran	µg/kg									
Dichlorobenzene, non-specific	µg/kg		41	45	107	33 J	96 J	97	36	63 J
Diethylphthalate	µg/kg									

Table I-4. (cont.)

Analyte	Units	Date / Station	7/10/92 S24	7/10/92 S25	7/10/92 S30	7/11/92 S63	7/11/92 S69	7/11/92 S70	7/11/92 S78	7/11/92 S79
Dimethylphthalate	µg/kg									
Di-n-butylphthalate	µg/kg									
Di-n-octylphthalate	µg/kg									
Fluoranthene	µg/kg		2,300 J	120 UJ	5,500 J					
Fluorene	µg/kg		1,200 UJ	120 UJ	1,400 UJ					
Hexachlorobenzene	µg/kg		4.3	3.5	5.2	5.9 UJ			5.0 U	
Hexachlorobutadiene	µg/kg									
Hexachlorocyclopentadiene	µg/kg									
Hexachloroethane	µg/kg									
Hexadecane	µg/kg									
Indeno(1,2,3-cd)pyrene	µg/kg		2,300 J	61 UJ	680 UJ					
Isophorone	µg/kg									
N-(phenylmethylene)-1-propanamine	µg/kg									
Naphthalene	µg/kg		6,200 UJ	610 UJ	4,800 J					
Nitrobenzene	µg/kg									
N-nitroso-di-n-propylamine	µg/kg									
N-Nitrosodiphenylamine(1)	µg/kg									
PAH-high MW	µg/kg		9,910	2,331	13,390					
PAH-low MW	µg/kg		17,850	2,531	25,480					
Pentachlorophenol	µg/kg									
Phenanthrene	µg/kg		590 J	320 J	1,000 J					
Phenol	µg/kg									
Pyrene	µg/kg		870 J	140 J	1,500 J					
Thio-, s-undecyl propionic acid	µg/kg									
Total benzofluoranthenes (b + k)	µg/kg									
Trichlorobenzene	µg/kg		20 U	17 U	42	20 J	36 J	24	14 U	34 J
Tritetracontane	µg/kg									
Undecylcyclohexane	µg/kg									
Pesticides and PCBs										
4,4'-DDD	µg/kg									
4,4'-DDE	µg/kg									
4,4'-DDT	µg/kg									
Aldrin	µg/kg									
alpha-BHC	µg/kg									
alpha-Chlordane	µg/kg									
Aroclor-1016	µg/kg		61 U	62 UJ	140 U	59 U	59 U	72 U	50 U	58 U
Aroclor-1221	µg/kg		61 U	62 UJ	140 U	59 U	59 U	72 U	50 U	58 U
Aroclor-1232	µg/kg		61 U	62 UJ	140 U	59 U	59 U	72 U	50 U	58 U
Aroclor-1242	µg/kg		61 U	62 UJ	140 U	59 U	59 U	72 U	50 U	58 U
Aroclor-1248	µg/kg		320	240 J	850	280	370	350	64	250
Aroclor-1254	µg/kg		61 U	62 UJ	140 U	59 U	59 U	72 U	50 U	58 U
Aroclor-1260	µg/kg		230	79 J	480	170	110	420	50 U	110
beta-BHC	µg/kg									
Chlordane (Sum)	µg/kg									
delta-BHC	µg/kg									
Dieldrin	µg/kg									

Table I-4. (cont.)

Analyte	Units	Date Station	7/10/92 S24	7/10/92 S25	7/10/92 S30	7/11/92 S63	7/11/92 S69	7/11/92 S70	7/11/92 S78	7/11/92 S79
Endosulfan I	µg/kg									
Endosulfan II	µg/kg									
Endosulfan sulfate	µg/kg									
Endrin aldehyde	µg/kg									
Endrin ketone	µg/kg									
Endrin	µg/kg									
gamma-BHC (Lindane)	µg/kg									
gamma-Chlordane	µg/kg									
Heptachlor epoxide	µg/kg									
Heptachlor	µg/kg									
Methoxychlor	µg/kg									
PCBs (Sum)	µg/kg		550	319	1,330	450	480	770	89	360
Polychlorinated biphenyls	µg/kg		550	319 J	1,330	450	480	770	64	360
Toxaphene	µg/kg									
Dioxins/Furans										
2,5-Dihydro-2,5-dimethoxyfuran	µg/kg									

Table I-4. (cont.)

Analyte	Units	Date / Station	7/11/92 S80	7/11/92 S89	7/13/92 S52	7/13/92 S56	7/13/92 S57	7/13/92 S58	7/13/92 S59	7/13/92 S64
Conventional Analytes										
Acid-volatile sulfide	mg/kg		6,000	5,000	6,000	5,000	3,900	4,000	6,000	7,000
Calcium carbonate	%-dw		50	57	23	52	51	46	44	52
Chloride-Calculated	mg/kg-ww		1,635	1,977	3,903	3,117	2,421	1,427	1,506	1,170
Chloride-Measured	mg/kg		5,600	5,900	14,000	9,400	7,500	5,400	5,700	4,100
Percent moisture	%-ww		77	75	64	75	76	79	79	78
Total organic carbon	%-dw		3.9	3.1	2.9	3.3	2.9	3.9	4.7	4.3
Total solids	%-ww		23	25	22	25	24	21	21	22
Percent clay	%-ww		3.9	3.7	5.6	4.1	3.9	3.0	3.6	3.1
Percent sand	%-ww		0.3	0.3	2.5	0.4	0.4	0.6	0.5	0.4
Percent silt	%-ww		19	21	27	20	19	17	17	19
Metals										
Aluminum	mg/kg									
Antimony	mg/kg									
Arsenic	mg/kg									
Barium	mg/kg									
Beryllium	mg/kg									
Cadmium	mg/kg		19	7.8	13	7.8	9.3	12	16	12
Calcium	mg/kg		217,000	232,000	175,000	216,000	210,000	191,000	188,000	206,000
Chromium	mg/kg		355	170	248	181	214	247	318	255
Cobalt	mg/kg									
Copper	mg/kg		167	94	142	100	116	137	170	131
Iron	mg/kg									
Lead	mg/kg		181	116	174	117	147	169	196	153
Magnesium	mg/kg		5,890	5,720	6,600	5,370	6,510	6,840	6,960	5,830
Manganese	mg/kg									
Mercury	mg/kg		16	13	9.0	8.7	11	11	15	12
Nickel	mg/kg		98	56	66	53	59	68	84	79
Potassium	mg/kg									
Selenium	mg/kg									
Silver	mg/kg									
Sodium	mg/kg									
Thallium	mg/kg									
Vanadium	mg/kg									
Zinc	mg/kg		406 J	302	367	303	335	376	416	363
Volatile Organic Compounds										
1,1,1-Trichloroethane	µg/kg									
1,1,2,2-Tetrachloroethane	µg/kg									
1,1,2-Trichloroethane	µg/kg									
1,1-Dichloroethane	µg/kg									
1,1-Dichloroethene	µg/kg									
1,2-Dichloroethane	µg/kg									
1,2-Dichloroethene (Total)	µg/kg									
1,2-Dichloropropane	µg/kg									
2-Butanone	µg/kg									
2-Hexanone	µg/kg									

Table I-4. (cont.)

Analyte	Units	Date / Station	7/11/92 S80	7/11/92 S89	7/13/92 S52	7/13/92 S56	7/13/92 S57	7/13/92 S58	7/13/92 S59	7/13/92 S64
4-Methyl-2-pentanone	µg/kg									
Acetone	µg/kg									
Benzene	µg/kg		8.0 J	41 J	19 J	15 J	10 J	15 J	19 J	15 J
Bromodichloromethane	µg/kg									
Bromoform	µg/kg									
Bromomethane	µg/kg									
Carbon disulfide	µg/kg									
Carbon Tetrachloride	µg/kg									
Chlorobenzene	µg/kg		35	62 J	120	35	40	81	130	70
Chloroethane	µg/kg									
Chloroform	µg/kg									
Chloromethane	µg/kg									
Cis-1,3-dichloropropene	µg/kg									
Dibromochloromethane	µg/kg									
Ethylbenzene	µg/kg		23 U	20 UJ	22 U	20 U	20 U	23 U	23 U	21 U
Isopropanol	µg/kg									
Pentachloro benzene	µg/kg			6.5 UJ	7.5 BU	6.7 U	6.7 U	7.9 U	7.9 U	7.4 U
Styrene	µg/kg									
Tetrachlorobenzene (mixed)	µg/kg			7.9 J	20 BUJ	6.7 UJ	6.7 UJ	7.9 UJ	8.0 BUJ	16 J
Tetrachloroethene	µg/kg									
Toluene	µg/kg		22 J	15 J	9.0 J	20 U	20 U	8.0 J	11 J	21 JU
Trans-1,3-dichloropropene	µg/kg									
Trichloroethene	µg/kg									
Vinyl chloride	µg/kg									
Xylene (Total)	µg/kg		23 U	23 J	24	23	15 J	25	45	21 J
Semivolatile Organic Compounds										
1-(1,1-Dimethylethyl) benzene	µg/kg									
1,1'-(1-methylethylidene)bis-benzene	µg/kg									
1,1'(3methyl1propene1,3diyl)bis-benzer	µg/kg									
1,1-Diphenyl-2-propanone	µg/kg									
1,1'-Ethylidenebis-benzene	µg/kg									
1,2,3,4-Tetrachlorobenzene	µg/kg			6.5 UJ	7.4 J	6.7 U	7.6 U	5.8 U	4.2 J	5.8 J
1,2,3-Trichlorobenzene	µg/kg		23 U	20 UJ	22 U	20 U	20 U	23 U	23 U	21 U
1,2,4-Trichlorobenzene	µg/kg		21 J	54 J	26	20 U	15 J	23 U	63	45
1,2,4-Trimethylbenzene	µg/kg									
1,2-Dichlorobenzene	µg/kg		16 J	29 J	27	20 U	12 J	19 J	78	40
1,2-Dimethylnaphthalene	µg/kg									
1,3,5-Trichlorobenzene	µg/kg		23 U	20 UJ	22 U	20 U	20 U	23 U	23 U	21 U
1,3,5-Trimethylbenzene	µg/kg									
1,3-Dichlorobenzene	µg/kg		16 J	34 J	22 U	11 J	13 J	18 J	63	35
1,3-Dimethylbutylbenzene	µg/kg									
1,4,5-Trimethylnaphthalene	µg/kg									
1,4-Dichlorobenzene	µg/kg		50	87 J	86	32	38	61	180	110
1,4-Dihydro-1,4-methanonaphthalene	µg/kg									
1,4-Dimethyl naphthalene	µg/kg									
11h-Benzo[a]fluorene	µg/kg									

Table I-4. (cont.)

Analyte	Units	Date / Station	7/11/92 S80	7/11/92 S89	7/13/92 S52	7/13/92 S56	7/13/92 S57	7/13/92 S58	7/13/92 S59	7/13/92 S64
11h-Benzo[b]fluorene	µg/kg									
1-Ethyl-4-methyl-benzene	µg/kg									
1-Ethylbutyl-benzene	µg/kg									
1-Iododecane	µg/kg									
1-Methyl phenanthrene	µg/kg									
1-Methyl-benz[a]anthracene	µg/kg									
1-Methylbutyl benzene	µg/kg									
1-Methylheptyl benzene	µg/kg									
1-Methylhexyl benzene	µg/kg									
1-Methylnaphthalene	µg/kg									
1-Methylpentyl benzene	µg/kg									
1-Methylpropyl benzene	µg/kg									
1-Methylpyrene	µg/kg									
1-Propynyl benzene	µg/kg									
2,2'-Oxybis(1-chloropropane)	µg/kg									
2,3,6-Trimethyl octane	µg/kg									
2,3,7-Trimethyl octane	µg/kg									
2,3-Dihydro-1,1,4-1h-indene	µg/kg									
2,3-Dihydro-1h-inden-1-one	µg/kg									
2,3-Dihydro-1-methyl-3-phenyl-1h-inde	µg/kg									
2,4,5-Trichlorophenol	µg/kg									
2,4,6-Trichlorophenol	µg/kg									
2,4-Dichlorophenol	µg/kg									
2,4-Dimethylphenol	µg/kg									
2,4-Dinitrophenol	µg/kg									
2,4-Dinitrotoluene	µg/kg									
2,5-bis(1,1-dimethyletyl)-thiophene	µg/kg									
2,5-Dimethyl phenanthrene	µg/kg									
2,6-Dinitrotoluene	µg/kg									
2,7,10-Trimethyldodecane	µg/kg									
2-Chloronaphthalene	µg/kg									
2-Chlorophenol	µg/kg									
2-Ethyl-1-hexanamine	µg/kg									
2-Fluoro-biphenyl	µg/kg									
2-Methyl-4,6-dinitrophenol	µg/kg									
2-Methyl-anthracene	µg/kg									
2-Methylnaphthalene	µg/kg									
2-Methylphenol	µg/kg									
2-Methylpyrene	µg/kg									
2-Nitroaniline	µg/kg									
2-Nitrophenol	µg/kg									
2-Phenyl naphthalene	µg/kg									
3-(2-Phenylethenly)-benzenamine	µg/kg									
3,3-Dichlorobenzidine	µg/kg									
3,5-Dichloro-2-hydroxy-benzaldehyde	µg/kg									
3,6-Dimethyl phenanthrene	µg/kg									

Table I-4. (cont.)

Analyte	Units	Date / Station	7/11/92 S80	7/11/92 S89	7/13/92 S52	7/13/92 S56	7/13/92 S57	7/13/92 S58	7/13/92 S59	7/13/92 S64
3,6-Dimethyl undecane	µg/kg									
3-Methyl phenanthrene	µg/kg									
3-Methylcyclopentylbenzene	µg/kg									
3-Nitroaniline	µg/kg									
4,6-Dimethyl undecane	µg/kg									
4-Bromophenyl-phenyl ether	µg/kg									
4-Chloro-3-methylphenol	µg/kg									
4-Chloroaniline	µg/kg									
4-Chlorophenyl-phenyl ether	µg/kg									
4-Ethyl-1,2-dimethylbenzene	µg/kg									
4-Methyl dodecane	µg/kg									
4-Methyl phenanthrene	µg/kg									
4-Methyl tetradecane	µg/kg									
4-Methylphenol	µg/kg									
4-Nitroaniline	µg/kg									
4-Nitrophenol	µg/kg									
5-Methyl-5-phenyl-2-hexanone	µg/kg									
5-Propyldecane	µg/kg									
6-Methyldodecane	µg/kg									
7-Methyl tridecane	µg/kg									
7-Methyl-benz[a]anthracene	µg/kg									
9,10-Dimethyl phenanthrene	µg/kg									
Acenaphthene	µg/kg									
Acenaphthylene	µg/kg									
Annotine, 15-deoxy-15-(ethylthio)	µg/kg									
Anthracene	µg/kg									
Azulene	µg/kg									
Benz(a)anthracene	µg/kg									
Benzo(a)pyrene	µg/kg									
Benzo(b)fluoranthene	µg/kg									
Benzo(g,h,i)perylene	µg/kg									
Benzo(k)fluoranthene	µg/kg									
Benzo[e]pyrene	µg/kg									
Biphenyl	µg/kg									
Bis(2-chloroethoxy)methane	µg/kg									
Bis(2-chloroethyl)ether	µg/kg									
Bis(2-ethylhexyl)phthalate	µg/kg									
Butylbenzylphthalate	µg/kg									
Carbazole	µg/kg									
Chrysene	µg/kg									
Cyclohexyl benzene	µg/kg									
Cyclopentyl benzene	µg/kg									
Dibenz(a,h)anthracene	µg/kg									
Dibenzofuran	µg/kg									
Dichlorobenzene, non-specific	µg/kg		82	150 J	113	43	63	98	321	185
Diethylphthalate	µg/kg									

Table I-4. (cont.)

Analyte	Units	Date / Station	7/11/92 S80	7/11/92 S89	7/13/92 S52	7/13/92 S56	7/13/92 S57	7/13/92 S58	7/13/92 S59	7/13/92 S64
Dimethylphthalate	µg/kg									
Di-n-butylphthalate	µg/kg									
Di-n-octylphthalate	µg/kg									
Fluoranthene	µg/kg									
Fluorene	µg/kg									
Hexachlorobenzene	µg/kg			6.5 UJ	5.3 J	3.4 J	6.7 U	7.9 U	5.0 J	7.4 U
Hexachlorobutadiene	µg/kg									
Hexachlorocyclopentadiene	µg/kg									
Hexachloroethane	µg/kg									
Hexadecane	µg/kg									
Indeno(1,2,3-cd)pyrene	µg/kg									
Isophorone	µg/kg									
N-(phenylmethylene)-1-propanamine	µg/kg									
Naphthalene	µg/kg									
Nitrobenzene	µg/kg									
N-nitroso-di-n-propylamine	µg/kg									
N-Nitrosodiphenylamine(1)	µg/kg									
PAH-high MW	µg/kg									
PAH-low MW	µg/kg									
Pentachlorophenol	µg/kg									
Phenanthrene	µg/kg									
Phenol	µg/kg									
Pyrene	µg/kg									
Thio-, s-undecyl propionic acid	µg/kg									
Total benzofluoranthenes (b + k)	µg/kg									
Trichlorobenzene	µg/kg		21 J	54 J	26	20 U	15 J	23 U	63	45
Tritetracontane	µg/kg									
Undecylcyclohexane	µg/kg									
Pesticides and PCBs										
4,4'-DDD	µg/kg									
4,4'-DDE	µg/kg									
4,4'-DDT	µg/kg									
Aldrin	µg/kg									
alpha-BHC	µg/kg									
alpha-Chlordane	µg/kg									
Aroclor-1016	µg/kg		73 U	65 U	230 U	67 U	67 U	79 U	320 UJ	74 U
Aroclor-1221	µg/kg		73 U	65 U	230 U	67 U	67 U	79 U	320 UJ	74 U
Aroclor-1232	µg/kg		73 U	65 U	230 U	67 U	67 U	79 U	320 UJ	74 U
Aroclor-1242	µg/kg		73 U	65 U	230 U	67 U	67 U	79 U	320 UJ	74 U
Aroclor-1248	µg/kg		650	350	1,200	500	650	820	1,500 J	540
Aroclor-1254	µg/kg		73 U	65 U	230 U	67 U	67 U	79 U	320 UJ	74 U
Aroclor-1260	µg/kg		210	87	710	320	440	530	850 J	350
beta-BHC	µg/kg									
Chlordane (Sum)	µg/kg									
delta-BHC	µg/kg									
Dieldrin	µg/kg									

Table I-4. (cont.)

Analyte	Units	Date Station	7/11/92 S80	7/11/92 S89	7/13/92 S52	7/13/92 S56	7/13/92 S57	7/13/92 S58	7/13/92 S59	7/13/92 S64
Endosulfan I	µg/kg									
Endosulfan II	µg/kg									
Endosulfan sulfate	µg/kg									
Endrin aldehyde	µg/kg									
Endrin ketone	µg/kg									
Endrin	µg/kg									
gamma-BHC (Lindane)	µg/kg									
gamma-Chlordane	µg/kg									
Heptachlor epoxide	µg/kg									
Heptachlor	µg/kg									
Methoxychlor	µg/kg									
PCBs (Sum)	µg/kg		860	437	1,910	820	1,090	1,350	2,350	890
Polychlorinated biphenyls	µg/kg		860	437	1,910	820	1,090	1,350	2,350 J	890
Toxaphene	µg/kg									
Dioxins/Furans										
2,5-Dihydro-2,5-dimethoxyfuran	µg/kg									

Table I-4. (cont.)

Analyte	Units	Date / Station	7/13/92 S65	7/14/92 S15	7/14/92 S29	7/14/92 S39	7/14/92 S86	7/14/92 S88	7/15/92 S33	7/15/92 S41	7/15/92 S42
Conventional Analytes											
Acid-volatile sulfide	mg/kg		5,700	6,000 J	5,000 J	6,000	6,000	2,300	3,100	3,600 J	3,600 J
Calcium carbonate	%-dw		48	59	63	49	54	58	44	49	46
Chloride-Calculated	mg/kg-ww		1,862	963	834	2,953	2,150	1,853	1,319	1,764	1,798
Chloride-Measured	mg/kg		6,800	2,000	1,900	9,100	7,000	5,500	4,000	5,100 J	5,600 J
Percent moisture	%-ww		79	68	70	76	77	75	75	74	76
Total organic carbon	%-dw		3.9	3.8	2.8	3.3	3.0	3.1	3.6	3.4	2.8
Total solids	%-ww		22	33	31	25	24	25	25	26	24
Percent clay	%-ww		3.7	2.9	1.5	3.0	3.8	2.8	3.3	5.0	5.5
Percent sand	%-ww		0.3	2.1	1.9	0.5	0.2	0.3	0.7	0.5	0.8
Percent silt	%-ww		18	26	26	21	19	22	21	20	18
Metals											
Aluminum	mg/kg										
Antimony	mg/kg										
Arsenic	mg/kg										
Barium	mg/kg										
Beryllium	mg/kg										
Cadmium	mg/kg		13	23	14	8.6	8.1	9.8 U	8.4	10	11
Calcium	mg/kg		210,000	219,000	255,000	195,000	236,000	256,000	176,000	176,000	168,000
Chromium	mg/kg		251	292	1,190	298	178	218	166	222	213
Cobalt	mg/kg										
Copper	mg/kg		134	218	226	119	100	109	125	125	129
Iron	mg/kg										
Lead	mg/kg		160	386	410	138	118	123	149	158	157
Magnesium	mg/kg		6,450	7,850	6,110	7,220	5,300	5,100	9,050	6,550	6,680
Manganese	mg/kg										
Mercury	mg/kg		8.5	28	13	3.0	14	30	0.4 UJ	2.8	0.5 U
Nickel	mg/kg		75	70	219	69	57	70	44	61	58
Potassium	mg/kg										
Selenium	mg/kg										
Silver	mg/kg										
Sodium	mg/kg										
Thallium	mg/kg										
Vanadium	mg/kg										
Zinc	mg/kg		377	453	350	318	305	297	367	349	361
Volatile Organic Compounds											
1,1,1-Trichloroethane	µg/kg										
1,1,2,2-Tetrachloroethane	µg/kg										
1,1,2-Trichloroethane	µg/kg										
1,1-Dichloroethane	µg/kg										
1,1-Dichloroethene	µg/kg										
1,2-Dichloroethane	µg/kg										
1,2-Dichloroethene (Total)	µg/kg										
1,2-Dichloropropane	µg/kg										
2-Butanone	µg/kg										
2-Hexanone	µg/kg										

Table I-4. (cont.)

Analyte	Units	Date / Station	7/13/92 S65	7/14/92 S15	7/14/92 S29	7/14/92 S39	7/14/92 S86	7/14/92 S88	7/15/92 S33	7/15/92 S41	7/15/92 S42
4-Methyl-2-pentanone	µg/kg										
Acetone	µg/kg										
Benzene	µg/kg		19 J	5,200 J	1,200 J	22	32 J	11 J	22 J	110	14
Bromodichloromethane	µg/kg										
Bromoform	µg/kg										
Bromomethane	µg/kg										
Carbon disulfide	µg/kg										
Carbon Tetrachloride	µg/kg										
Chlorobenzene	µg/kg		94	140,000	8,300	81	96 J	58	80 J	110	110
Chloroethane	µg/kg										
Chloroform	µg/kg										
Chloromethane	µg/kg										
Cis-1,3-dichloropropene	µg/kg										
Dibromochloromethane	µg/kg										
Ethylbenzene	µg/kg		23 U	5,500	1,600 U	18 U	21 UJ	19 U	20 UJ	20 U	20 U
Isopropanol	µg/kg										
Pentachloro benzene	µg/kg		7.7 U	180 J	3.6 J	6.2 UJ	7.1 U	6.6 U	6.7 U	13 U	14 U
Styrene	µg/kg										
Tetrachlorobenzene (mixed)	µg/kg		9.8 J	690 BJ	16 BUJ	6.2 UJ	8.1 BUJ	6.6 UJ	6.7 UJ	13 UJ	14 UJ
Tetrachloroethene	µg/kg										
Toluene	µg/kg		5.0 J	5,000 J	1,600 U	16 J	16 J	6.0 J	24 J	11 J	47 U
Trans-1,3-dichloropropene	µg/kg										
Trichloroethene	µg/kg										
Vinyl chloride	µg/kg										
Xylene (Total)	µg/kg		25	36,000	1,600 U	34	32 J	17 J	20 UJ	97	27
Semivolatile Organic Compounds											
1-(1,1-Dimethylethyl) benzene	µg/kg										
1,1'-(1-methylethylidene)bis-benzene	µg/kg										
1,1'(3methyl1propene1,3diyl)bis-benzer	µg/kg										
1,1-Diphenyl-2-propanone	µg/kg										
1,1'-Ethylidenebis-benzene	µg/kg										
1,2,3,4-Tetrachlorobenzene	µg/kg		7.7 U	260 BJ	8.4 BU	6.2 UJ	7.1 U	6.6 U	6.7 U	13 U	14 U
1,2,3-Trichlorobenzene	µg/kg		23 U	5,400 U	1,600 U	18 U	21 UJ	19 U	20 UJ	10 J	20 U
1,2,4-Trichlorobenzene	µg/kg		35	5,400 U	1,600 U	18	49 J	26	20 UJ	27	21
1,2,4-Trimethylbenzene	µg/kg										
1,2-Dichlorobenzene	µg/kg		34	24,000	1,600 U	19	23 J	16 J	16 J	23	20
1,2-Dimethylnaphthalene	µg/kg										
1,3,5-Trichlorobenzene	µg/kg		23 U	8,300	1,600 U	18 U	21 UJ	19 U	20 UJ	20 U	20 U
1,3,5-Trimethylbenzene	µg/kg										
1,3-Dichlorobenzene	µg/kg		34	5,400 U	1,600 U	18 U	38 J	59	20 UJ	74	72
1,3-Dimethylbutylbenzene	µg/kg										
1,4,5-Trimethylnaphthalene	µg/kg										
1,4-Dichlorobenzene	µg/kg		100	80,000	8,400	48	110 J	78	37 J	72	63
1,4-Dihydro-1,4-methanonaphthalene	µg/kg										
1,4-Dimethyl naphthalene	µg/kg										
11h-Benzo[a]fluorene	µg/kg										

Table I-4. (cont.)

Analyte	Units	Date Station	7/13/92 S65	7/14/92 S15	7/14/92 S29	7/14/92 S39	7/14/92 S86	7/14/92 S88	7/15/92 S33	7/15/92 S41	7/15/92 S42
11h-Benzo[b]fluorene	µg/kg										
1-Ethyl-4-methyl-benzene	µg/kg										
1-Ethylbutyl-benzene	µg/kg										
1-Iododecane	µg/kg										
1-Methyl phenanthrene	µg/kg										
1-Methyl-benz[a]anthracene	µg/kg										
1-Methylbutyl benzene	µg/kg										
1-Methylheptyl benzene	µg/kg										
1-Methylhexyl benzene	µg/kg										
1-Methylnaphthalene	µg/kg										
1-Methylpentyl benzene	µg/kg										
1-Methylpropyl benzene	µg/kg										
1-Methylpyrene	µg/kg										
1-Propynyl benzene	µg/kg										
2,2'-Oxybis(1-chloropropane)	µg/kg										
2,3,6-Trimethyl octane	µg/kg										
2,3,7-Trimethyl octane	µg/kg										
2,3-Dihydro-1,1,4-1h-indene	µg/kg										
2,3-Dihydro-1h-inden-1-one	µg/kg										
2,3-Dihydro-1-methyl-3-phenyl-1h-inde	µg/kg										
2,4,5-Trichlorophenol	µg/kg										
2,4,6-Trichlorophenol	µg/kg										
2,4-Dichlorophenol	µg/kg										
2,4-Dimethylphenol	µg/kg										
2,4-Dinitrophenol	µg/kg										
2,4-Dinitrotoluene	µg/kg										
2,5-bis(1,1-dimethyletyl)-thiophene	µg/kg										
2,5-Dimethyl phenanthrene	µg/kg										
2,6-Dinitrotoluene	µg/kg										
2,7,10-Trimethyldodecane	µg/kg										
2-Chloronaphthalene	µg/kg										
2-Chlorophenol	µg/kg										
2-Ethyl-1-hexanamine	µg/kg										
2-Fluoro-biphenyl	µg/kg										
2-Methyl-4,6-dinitrophenol	µg/kg										
2-Methyl-anthracene	µg/kg										
2-Methylnaphthalene	µg/kg										
2-Methylphenol	µg/kg										
2-Methylpyrene	µg/kg										
2-Nitroaniline	µg/kg										
2-Nitrophenol	µg/kg										
2-Phenyl naphthalene	µg/kg										
3-(2-Phenylethenly)-benzenamine	µg/kg										
3,3-Dichlorobenzidine	µg/kg										
3,5-Dichloro-2-hydroxy-benzaldehyde	µg/kg										
3,6-Dimethyl phenanthrene	µg/kg										

Table I-4. (cont.)

Analyte	Units	Date / Station	7/13/92 S65	7/14/92 S15	7/14/92 S29	7/14/92 S39	7/14/92 S86	7/14/92 S88	7/15/92 S33	7/15/92 S41	7/15/92 S42
3,6-Dimethyl undecane	µg/kg										
3-Methyl phenanthrene	µg/kg										
3-Methylcyclopentylbenzene	µg/kg										
3-Nitroaniline	µg/kg										
4,6-Dimethyl undecane	µg/kg										
4-Bromophenyl-phenyl ether	µg/kg										
4-Chloro-3-methylphenol	µg/kg										
4-Chloroaniline	µg/kg										
4-Chlorophenyl-phenyl ether	µg/kg										
4-Ethyl-1,2-dimethylbenzene	µg/kg										
4-Methyl dodecane	µg/kg										
4-Methyl phenanthrene	µg/kg										
4-Methyl tetradecane	µg/kg										
4-Methylphenol	µg/kg										
4-Nitroaniline	µg/kg										
4-Nitrophenol	µg/kg										
5-Methyl-5-phenyl-2-hexanone	µg/kg										
5-Propyldecane	µg/kg										
6-Methyldodecane	µg/kg										
7-Methyl tridecane	µg/kg										
7-Methyl-benz[a]anthracene	µg/kg										
9,10-Dimethyl phenanthrene	µg/kg										
Acenaphthene	µg/kg				1,600 J	880 J				1,400 J	
Acenaphthylene	µg/kg				4,300 J	2,500 UJ				4,800 J	
Annotine, 15-deoxy-15-(ethylthio)	µg/kg										
Anthracene	µg/kg				1,600 J	85 J				330 J	
Azulene	µg/kg										
Benz(a)anthracene	µg/kg				1,100 J	150 J				390 J	
Benzo(a)pyrene	µg/kg				810 J	130 J				480 J	
Benzo(b)fluoranthene	µg/kg				7,200 J	400 J				1,300 UJ	
Benzo(g,h,i)perylene	µg/kg				2,100 J	320 J				940 J	
Benzo(k)fluoranthene	µg/kg				590 J	110 J				370 J	
Benzo[e]pyrene	µg/kg										
Biphenyl	µg/kg										
Bis(2-chloroethoxy)methane	µg/kg										
Bis(2-chloroethyl)ether	µg/kg										
Bis(2-ethylhexyl)phthalate	µg/kg										
Butylbenzylphthalate	µg/kg										
Carbazole	µg/kg										
Chrysene	µg/kg				1,700 J	280 J				570 J	
Cyclohexyl benzene	µg/kg										
Cyclopentyl benzene	µg/kg										
Dibenz(a,h)anthracene	µg/kg				380 J	75 J				1,300 UJ	
Dibenzofuran	µg/kg										
Dichlorobenzene, non-specific	µg/kg		168	104,000	8,400	67	171 J	153	53 J	169	155
Diethylphthalate	µg/kg										

Table I-4. (cont.)

Analyte	Units	Date / Station	7/13/92 S65	7/14/92 S15	7/14/92 S29	7/14/92 S39	7/14/92 S86	7/14/92 S88	7/15/92 S33	7/15/92 S41	7/15/92 S42
Dimethylphthalate	µg/kg										
Di-n-butylphthalate	µg/kg										
Di-n-octylphthalate	µg/kg										
Fluoranthene	µg/kg				24,000 J	2,500 J				2,600 J	
Fluorene	µg/kg				2,600 J	250 UJ				1,300 UJ	
Hexachlorobenzene	µg/kg		7.7 U	800 J	8.5	6.2 UJ	7.1 U	6.6 U	4.0 J	13 U	14 U
Hexachlorobutadiene	µg/kg										
Hexachlorocyclopentadiene	µg/kg										
Hexachloroethane	µg/kg										
Hexadecane	µg/kg										
Indeno(1,2,3-cd)pyrene	µg/kg				550 UJ	150 J				640 UJ	
Isophorone	µg/kg										
N-(phenylmethylene)-1-propanamine	µg/kg										
Naphthalene	µg/kg				4,400 J	1,200 UJ				6,400 UJ	
Nitrobenzene	µg/kg										
N-nitroso-di-n-propylamine	µg/kg										
N-Nitrosodiphenylamine(1)	µg/kg										
PAH-high MW	µg/kg				32,840	3,875				7,810	
PAH-low MW	µg/kg				17,000	5,095				14,830	
Pentachlorophenol	µg/kg										
Phenanthrene	µg/kg				2,500 J	180 J				600 J	
Phenol	µg/kg										
Pyrene	µg/kg				2,200 J	270 J				890 J	
Thio-, s-undecyl propionic acid	µg/kg										
Total benzofluoranthenes (b + k)	µg/kg										
Trichlorobenzene	µg/kg		35	8,300	1,600 U	18	49 J	26	20 UJ	37	21
Tritetracontane	µg/kg										
Undecylcyclohexane	µg/kg										
Pesticides and PCBs											
4,4'-DDD	µg/kg										
4,4'-DDE	µg/kg										
4,4'-DDT	µg/kg										
Aldrin	µg/kg										
alpha-BHC	µg/kg										
alpha-Chlordane	µg/kg										
Aroclor-1016	µg/kg		77 U	510 UJ	220 UJ	62 UJ	71 U	66 UJ	67 U	130 U	140 U
Aroclor-1221	µg/kg		77 U	510 UJ	220 UJ	62 UJ	71 U	66 UJ	67 U	130 U	140 U
Aroclor-1232	µg/kg		77 U	510 UJ	220 UJ	62 UJ	71 U	66 UJ	67 U	130 U	140 U
Aroclor-1242	µg/kg		77 U	510 UJ	220 UJ	62 UJ	71 U	66 UJ	67 U	130 U	140 U
Aroclor-1248	µg/kg		400	4,100 J	1,000 J	410 J	230	310 J	690	830	1,000
Aroclor-1254	µg/kg		77 U	510 UJ	220 UJ	62 UJ	71 U	66 UJ	67 U	130 U	140 U
Aroclor-1260	µg/kg		250	1,500 J	220 UJ	490 J	130	160 J	330	370	280
beta-BHC	µg/kg										
Chlordane (Sum)	µg/kg										
delta-BHC	µg/kg										
Dieldrin	µg/kg										

Table I-4. (cont.)

Analyte	Units	Date Station	7/13/92 S65	7/14/92 S15	7/14/92 S29	7/14/92 S39	7/14/92 S86	7/14/92 S88	7/15/92 S33	7/15/92 S41	7/15/92 S42
Endosulfan I	µg/kg										
Endosulfan II	µg/kg										
Endosulfan sulfate	µg/kg										
Endrin aldehyde	µg/kg										
Endrin ketone	µg/kg										
Endrin	µg/kg										
gamma-BHC (Lindane)	µg/kg										
gamma-Chlordane	µg/kg										
Heptachlor epoxide	µg/kg										
Heptachlor	µg/kg										
Methoxychlor	µg/kg										
PCBs (Sum)	µg/kg		650	5,600	1,110	900	360	470	1,020	1,200	1,280
Polychlorinated biphenyls	µg/kg		650	5,600 J	1,000 J	900 J	360	470 J	1,020	1,200	1,280
Toxaphene	µg/kg										
Dioxins/Furans											
2,5-Dihydro-2,5-dimethoxyfuran	µg/kg										

Table I-4. (cont.)

Analyte	Units	Date / Station	7/15/92 S43	7/15/92 S44	7/15/92 S8	7/15/92 S9	7/16/92 S49	7/16/92 S50	10/1/92 S3	10/1/92 S4
Conventional Analytes										
Acid-volatile sulfide	mg/kg		2,700	5,100	2,200 J	3,200 J	3,200	4,000 J	2,600	2,000
Calcium carbonate	%-dw		42	41	60	56	51	47	67	70
Chloride-Calculated	mg/kg-ww		1,233	1,530	584	646	2,122	1,358	733	738
Chloride-Measured	mg/kg		4,200	4,900	1,300 J	1,500 J	6,400	4,300	910	800
Percent moisture	%-ww		77	76	69	70	75	76	55	52
Total organic carbon	%-dw		3.9	4.1	2.6	2.4	3.3	4.0	3.1	3.4
Total solids	%-ww		23	24	31	30	25	24	45	48
Percent clay	%-ww		4.4	3.9	1.5	2.2	3.7	4.6	2.2	1.7
Percent sand	%-ww		0.3	0.5	5.2	1.8	0.6	0.7	20	18
Percent silt	%-ww		18	19	24	26	20	19	23	26
Metals										
Aluminum	mg/kg									
Antimony	mg/kg									
Arsenic	mg/kg									
Barium	mg/kg									
Beryllium	mg/kg									
Cadmium	mg/kg		14	14	6.4	5.6	10	11	5.4	5.3
Calcium	mg/kg		183,000	176,000	218,000	191,000	199,000	185,000	244,000	251,000
Chromium	mg/kg		268	251	130	123	201	248	96 J	102 J
Cobalt	mg/kg									
Copper	mg/kg		157	153	107	109	117	130	63 J	67 J
Iron	mg/kg									
Lead	mg/kg		202	189	122	119	139	175 J	153	160
Magnesium	mg/kg		7,790	7,700	6,740	7,480	6,480	6,570	5,800	5,690
Manganese	mg/kg									
Mercury	mg/kg		4.0 J	3.6 J	7.2	5.9	5.7 J	12	27	29
Nickel	mg/kg		69	64	28	30	60	73	40 J	45 J
Potassium	mg/kg									
Selenium	mg/kg									
Silver	mg/kg									
Sodium	mg/kg									
Thallium	mg/kg									
Vanadium	mg/kg									
Zinc	mg/kg		421	403	275	259	328	398	133 J	133 J
Volatile Organic Compounds										
1,1,1-Trichloroethane	µg/kg									
1,1,2,2-Tetrachloroethane	µg/kg									
1,1,2-Trichloroethane	µg/kg									
1,1-Dichloroethane	µg/kg									
1,1-Dichloroethene	µg/kg									
1,2-Dichloroethane	µg/kg									
1,2-Dichloroethene (Total)	µg/kg									
1,2-Dichloropropane	µg/kg									
2-Butanone	µg/kg									
2-Hexanone	µg/kg									

Table I-4. (cont.)

Analyte	Units	Date / Station	7/15/92 S43	7/15/92 S44	7/15/92 S8	7/15/92 S9	7/16/92 S49	7/16/92 S50	10/1/92 S3	10/1/92 S4
4-Methyl-2-pentanone	µg/kg									
Acetone	µg/kg									
Benzene	µg/kg		18 J	32 J	1,800 U	38	67 J	18 J	800 J	7,900 J
Bromodichloromethane	µg/kg									
Bromoform	µg/kg									
Bromomethane	µg/kg									
Carbon disulfide	µg/kg									
Carbon Tetrachloride	µg/kg									
Chlorobenzene	µg/kg		75	180 J	3,000	250	190 J	73	20,000	150,000
Chloroethane	µg/kg									
Chloroform	µg/kg									
Chloromethane	µg/kg									
Cis-1,3-dichloropropene	µg/kg									
Dibromochloromethane	µg/kg									
Ethylbenzene	µg/kg		21 U	20 UJ	1,800 U	17 U	20 UJ	20 U	1,700 U	9,900 U
Isopropanol	µg/kg									
Pentachloro benzene	µg/kg		7.3 U	4.2 J	4.1 J	11 U	13 U	12 U	7,100 BJ	830 BJ
Styrene	µg/kg									
Tetrachlorobenzene (mixed)	µg/kg		14 BUJ	7.0 UJ	17 BU	18 BUJ	13 UJ	12 BU	22,000 BJ	6,600 BJ
Tetrachloroethene	µg/kg									
Toluene	µg/kg		11 J	18 J	500 J	9.0 J	24 UJ	11 J	530 J	11,000
Trans-1,3-dichloropropene	µg/kg									
Trichloroethene	µg/kg									
Vinyl chloride	µg/kg									
Xylene (Total)	µg/kg		16 J	42 J	1,800 U	29	49 J	30	3,300	59,000
Semivolatile Organic Compounds										
1-(1,1-Dimethylethyl) benzene	µg/kg									
1,1'-(1-methylethylidene)bis-benzene	µg/kg									
1,1'(3methyl1propene1,3diyl)bis-benzer	µg/kg									
1,1-Diphenyl-2-propanone	µg/kg									
1,1'-Ethylidenebis-benzene	µg/kg									
1,2,3,4-Tetrachlorobenzene	µg/kg		7.3 U	4.8 J	10 BU	10 BU	13 U	12 U	30,000 BJ	1,200 BJ
1,2,3-Trichlorobenzene	µg/kg		21 U	20 UJ	1,800 U	17 U	20 UJ	20 U	4,500	11,000
1,2,4-Trichlorobenzene	µg/kg		7.0 J	26 J	1,800 U	11 J	37 J	20 U	3,700	9,900 U
1,2,4-Trimethylbenzene	µg/kg									
1,2-Dichlorobenzene	µg/kg		14 J	32 J	1,800 U	23	35 J	14 J	3,700	12,000
1,2-Dimethylnaphthalene	µg/kg									
1,3,5-Trichlorobenzene	µg/kg		6.0 J	20 UJ	2,000	17 U	7.0 J	20 U	6,400	24,000
1,3,5-Trimethylbenzene	µg/kg									
1,3-Dichlorobenzene	µg/kg		13 J	32 J	1,800 U	28	40 J	13 J	5,000	39,000
1,3-Dimethylbutylbenzene	µg/kg									
1,4,5-Trimethylnaphthalene	µg/kg									
1,4-Dichlorobenzene	µg/kg		35	96 J	2,600	120	120 J	40	42,000	250,000
1,4-Dihydro-1,4-methanonaphthalene	µg/kg									
1,4-Dimethyl naphthalene	µg/kg									
11h-Benzo[a]fluorene	µg/kg									

Table I-4. (cont.)

Analyte	Units	Date Station	7/15/92 S43	7/15/92 S44	7/15/92 S8	7/15/92 S9	7/16/92 S49	7/16/92 S50	10/1/92 S3	10/1/92 S4
11h-Benzo[b]fluorene	µg/kg									
1-Ethyl-4-methyl-benzene	µg/kg									
1-Ethylbutyl-benzene	µg/kg									
1-Iododecane	µg/kg									
1-Methyl phenanthrene	µg/kg									
1-Methyl-benz[a]anthracene	µg/kg									
1-Methylbutyl benzene	µg/kg									
1-Methylheptyl benzene	µg/kg									
1-Methylhexyl benzene	µg/kg									
1-Methylnaphthalene	µg/kg									
1-Methylpentyl benzene	µg/kg									
1-Methylpropyl benzene	µg/kg									
1-Methylpyrene	µg/kg									
1-Propynyl benzene	µg/kg									
2,2'-Oxybis(1-chloropropane)	µg/kg									
2,3,6-Trimethyl octane	µg/kg									
2,3,7-Trimethyl octane	µg/kg									
2,3-Dihydro-1,1,4-1h-indene	µg/kg									
2,3-Dihydro-1h-inden-1-one	µg/kg									
2,3-Dihydro-1-methyl-3-phenyl-1h-inde	µg/kg									
2,4,5-Trichlorophenol	µg/kg									
2,4,6-Trichlorophenol	µg/kg									
2,4-Dichlorophenol	µg/kg									
2,4-Dimethylphenol	µg/kg									
2,4-Dinitrophenol	µg/kg									
2,4-Dinitrotoluene	µg/kg									
2,5-bis(1,1-dimethyletyl)-thiophene	µg/kg									
2,5-Dimethyl phenanthrene	µg/kg									
2,6-Dinitrotoluene	µg/kg									
2,7,10-Trimethyldodecane	µg/kg									
2-Chloronaphthalene	µg/kg									
2-Chlorophenol	µg/kg									
2-Ethyl-1-hexanamine	µg/kg									
2-Fluoro-biphenyl	µg/kg									
2-Methyl-4,6-dinitrophenol	µg/kg									
2-Methyl-anthracene	µg/kg									
2-Methylnaphthalene	µg/kg									
2-Methylphenol	µg/kg									
2-Methylpyrene	µg/kg									
2-Nitroaniline	µg/kg									
2-Nitrophenol	µg/kg									
2-Phenyl naphthalene	µg/kg									
3-(2-Phenylethenly)-benzenamine	µg/kg									
3,3-Dichlorobenzidine	µg/kg									
3,5-Dichloro-2-hydroxy-benzaldehyde	µg/kg									
3,6-Dimethyl phenanthrene	µg/kg									

Table I-4. (cont.)

Analyte	Units	Date / Station	7/15/92 S43	7/15/92 S44	7/15/92 S8	7/15/92 S9	7/16/92 S49	7/16/92 S50	10/1/92 S3	10/1/92 S4
3,6-Dimethyl undecane	µg/kg									
3-Methyl phenanthrene	µg/kg									
3-Methylcyclopentylbenzene	µg/kg									
3-Nitroaniline	µg/kg									
4,6-Dimethyl undecane	µg/kg									
4-Bromophenyl-phenyl ether	µg/kg									
4-Chloro-3-methylphenol	µg/kg									
4-Chloroaniline	µg/kg									
4-Chlorophenyl-phenyl ether	µg/kg									
4-Ethyl-1,2-dimethylbenzene	µg/kg									
4-Methyl dodecane	µg/kg									
4-Methyl phenanthrene	µg/kg									
4-Methyl tetradecane	µg/kg									
4-Methylphenol	µg/kg									
4-Nitroaniline	µg/kg									
4-Nitrophenol	µg/kg									
5-Methyl-5-phenyl-2-hexanone	µg/kg									
5-Propyldecane	µg/kg									
6-Methyldodecane	µg/kg									
7-Methyl tridecane	µg/kg									
7-Methyl-benz[a]anthracene	µg/kg									
9,10-Dimethyl phenanthrene	µg/kg									
Acenaphthene	µg/kg				850 J					17,000 UJ
Acenaphthylene	µg/kg				2,200 J					34,000 UJ
Annotine, 15-deoxy-15-(ethylthio)	µg/kg									
Anthracene	µg/kg				750 J					8,000 J
Azulene	µg/kg									
Benz(a)anthracene	µg/kg				270 UJ					1,700 UJ
Benzo(a)pyrene	µg/kg				270 UJ					1,700 UJ
Benzo(b)fluoranthene	µg/kg				1,300 J					3,400 UJ
Benzo(g,h,i)perylene	µg/kg				1,900 J					3,400 UJ
Benzo(k)fluoranthene	µg/kg				1,200 J					1,700 UJ
Benzo[e]pyrene	µg/kg									
Biphenyl	µg/kg									
Bis(2-chloroethoxy)methane	µg/kg									
Bis(2-chloroethyl)ether	µg/kg									
Bis(2-ethylhexyl)phthalate	µg/kg									
Butylbenzylphthalate	µg/kg									
Carbazole	µg/kg									
Chrysene	µg/kg				950 J					8,800 J
Cyclohexyl benzene	µg/kg									
Cyclopentyl benzene	µg/kg									
Dibenz(a,h)anthracene	µg/kg				390 J					3,400 UJ
Dibenzofuran	µg/kg									
Dichlorobenzene, non-specific	µg/kg		62	160 J	2,600	171	195 J	67	50,700	301,000
Diethylphthalate	µg/kg									

Table I-4. (cont.)

Analyte	Units	Date / Station	7/15/92 S43	7/15/92 S44	7/15/92 S8	7/15/92 S9	7/16/92 S49	7/16/92 S50	10/1/92 S3	10/1/92 S4
Dimethylphthalate	µg/kg									
Di-n-butylphthalate	µg/kg									
Di-n-octylphthalate	µg/kg									
Fluoranthene	µg/kg				27,000 J					47,000 J
Fluorene	µg/kg				130 J					18,000 J
Hexachlorobenzene	µg/kg		7.3 U	14	31	14	13 U	12 U	20,000 J	2,000 J
Hexachlorobutadiene	µg/kg									
Hexachlorocyclopentadiene	µg/kg									
Hexachloroethane	µg/kg									
Hexadecane	µg/kg									
Indeno(1,2,3-cd)pyrene	µg/kg				270 UJ					1,700 UJ
Isophorone	µg/kg									
N-(phenylmethylene)-1-propanamine	µg/kg									
Naphthalene	µg/kg				2,900 J					150,000 J
Nitrobenzene	µg/kg									
N-nitroso-di-n-propylamine	µg/kg									
N-Nitrosodiphenylamine(1)	µg/kg									
PAH-high MW	µg/kg				31,670					69,400
PAH-low MW	µg/kg				8,030					232,700
Pentachlorophenol	µg/kg									
Phenanthrene	µg/kg				1,200 J					5,700 J
Phenol	µg/kg									
Pyrene	µg/kg				620 J					1,700 UJ
Thio-, s-undecyl propionic acid	µg/kg									
Total benzofluoranthenes (b + k)	µg/kg									
Trichlorobenzene	µg/kg		13 J	26 J	2,000	11 J	44 J	20 U	14,600	35,000
Tritetracontane	µg/kg									
Undecylcyclohexane	µg/kg									
Pesticides and PCBs										
4,4'-DDD	µg/kg									
4,4'-DDE	µg/kg									
4,4'-DDT	µg/kg									
Aldrin	µg/kg									
alpha-BHC	µg/kg									
alpha-Chlordane	µg/kg									
Aroclor-1016	µg/kg		73 U	210 U	160 UJ	110 U	130 U	120 U	370 UJ	170 UJ
Aroclor-1221	µg/kg		73 U	210 U	160 UJ	110 U	130 U	120 U	370 UJ	170 UJ
Aroclor-1232	µg/kg		73 U	210 U	160 UJ	110 U	130 U	120 U	370 UJ	170 UJ
Aroclor-1242	µg/kg		73 U	210 U	160 UJ	110 U	130 U	120 U	370 UJ	170 UJ
Aroclor-1248	µg/kg		740	1,500	320 J	450	730	240	4,200 J	1,100 J
Aroclor-1254	µg/kg		73 U	210 U	160 UJ	110 U	130 U	120 U	370 UJ	170 UJ
Aroclor-1260	µg/kg		550	1,100	520 J	170	210	140	1,800 J	410 J
beta-BHC	µg/kg									
Chlordane (Sum)	µg/kg									
delta-BHC	µg/kg									
Dieldrin	µg/kg									

Table I-4. (cont.)

Analyte	Units	Date Station	7/15/92 S43	7/15/92 S44	7/15/92 S8	7/15/92 S9	7/16/92 S49	7/16/92 S50	10/1/92 S3	10/1/92 S4
Endosulfan I	µg/kg									
Endosulfan II	µg/kg									
Endosulfan sulfate	µg/kg									
Endrin aldehyde	µg/kg									
Endrin ketone	µg/kg									
Endrin	µg/kg									
gamma-BHC (Lindane)	µg/kg									
gamma-Chlordane	µg/kg									
Heptachlor epoxide	µg/kg									
Heptachlor	µg/kg									
Methoxychlor	µg/kg									
PCBs (Sum)	µg/kg		1,290	2,600	840	620	940	380	6,000	1,510
Polychlorinated biphenyls	µg/kg		1,290	2,600	840 J	620	940	380	6,000 J	1,510 J
Toxaphene	µg/kg									
Dioxins/Furans										
2,5-Dihydro-2,5-dimethoxyfuran	µg/kg									

Table I-5. 1992 Otisco Lake Sediment (0-2 cm)

		Date	8/18/92	8/18/92	8/18/92	8/19/92	8/19/92
		Station	OT1	OT2	OT3	OT4	OT5
Analyte	**Units**						
Conventional Analytes							
Acid-volatile sulfide	mg/kg		20 U	50	10 U	30 U	100
Calcium carbonate	%-dw		17	28	1.0	55	23
Chloride-Calculated	mg/kg-ww		26	44	50	23	26
Chloride-Measured	mg/kg		30	90	17	40	60
Percent moisture	%-ww		54	67	25	63	70
Total organic carbon	%-dw		0.7	3.7	0.4	2.1	3.0
Total solids	%-ww		47 M	33 M	75 M	37 M	30 M
Percent clay	%-ww		0.9	1.3	0.6	2.3	5.0
Percent fines (clay & silt)	%-dw		25	62	2.0	50	88
Percent sand	%-ww		34	11	73	17	3.8
Percent silt	%-ww		11	19	0.9	16	22
Metals and Cyanide							
Aluminum	mg/kg		3,590	3,980	2,250	3,200	7,750
Antimony	mg/kg		3.4 UJ	5.1 UJ	2.4 UJ	4.4 UJ	5.6 UJ
Arsenic	mg/kg		1.7 B	5.7 B	0.5 BJ	3.1 B	4.4 B
Barium	mg/kg		43 B	96	11 B	119	108
Beryllium	mg/kg		0.3 U	0.5 U	0.2 U	0.4 U	0.5 U
Cadmium	mg/kg		0.3 U	0.7 B	0.2 U	0.4 U	0.5 U
Calcium	mg/kg		54,000	89,700	2,870	193,000	77,000
Chromium	mg/kg		5.8	7.2	3.1	4.3	13
Cobalt	mg/kg		4.7 B	6.8 B	3.3 B	4.7 B	8.9 B
Copper	mg/kg		23.6	82	7.8 U	66	158
Iron	mg/kg		9,310	11,300	5,020	8,010	18,700
Lead	mg/kg		8.8	21	1.3	12	32
Magnesium	mg/kg		5,040	7,280	1,300	5,160	6,870
Manganese	mg/kg		264 J	384 J	87 J	690 J	1,040 J
Mercury	mg/kg		0.1 U	0.2	0.1 U	0.2 U	0.1 U
Nickel	mg/kg		10 B	11 B	5.6 B	8.3 B	22
Potassium	mg/kg		277 B	294 B	148 B	264 B	645 B
Selenium	mg/kg		0.2 UJ	0.8 B	0.2 UJ	0.3 UJ	0.6 B
Silver	mg/kg		0.6 UJ	0.9 UJ	0.4 UJ	0.8 UJ	1.0 UJ
Sodium	mg/kg		88 BU	137 BU	34 B	121 BU	148 BU
Thallium	mg/kg		0.2 U	0.6 UJ	0.2 U	0.3 U	0.6 U
Vanadium	mg/kg		5.3 B	7.0 B	3.2 B	3.5 B	13 B
Zinc	mg/kg		33	50	14	30	73
Cyanide	mg/kg		1.9 U	2.7 U	0.9 U	2.4 U	3.1 U
Volatile Organic Compunds							
1,1,1-Trichloroethane	µg/kg		21 U	31 U	14 U	27 U	35 UJ
1,1,2,2-Tetrachloroethane	µg/kg		21 U	31 U	14 U	27 U	35 UJ
1,1,2-Trichloroethane	µg/kg		21 U	31 U	14 U	27 U	35 UJ
1,1-Dichloroethane	µg/kg		21 U	31 U	14 U	27 U	35 UJ
1,1-Dichloroethene	µg/kg		21 U	31 U	14 U	27 U	35 UJ

Table I-5. (cont.)

		Date	8/18/92	8/18/92	8/18/92	8/19/92	8/19/92
		Station	OT1	OT2	OT3	OT4	OT5
Analyte	**Units**						
1,2-Dichloroethane	µg/kg		21 U	31 U	14 U	27 U	35 UJ
1,2-Dichloroethene (Total)	µg/kg		21 U	31 U	14 U	27 U	35 UJ
1,2-Dichloropropane	µg/kg		21 U	31 U	14 U	27 U	35 UJ
2-Butanone	µg/kg		19 NJ	31 U	69 NJ	150 NJ	74 NJ
2-Hexanone	µg/kg		21 U	31 U	14 U	27 U	35 UJ
4-Methyl-2-pentanone	µg/kg		21 U	31 U	14 U	27 U	35 UJ
Acetone	µg/kg		75 J	95 J	78 J	230 J	410 J
Benzene	µg/kg		21 U	31 U	14 U	27 U	35 UJ
Bromodichloromethane	µg/kg		21 U	31 U	14 U	27 U	35 UJ
Bromoform	µg/kg		21 U	31 U	14 U	27 U	35 UJ
Bromomethane	µg/kg		21 U	31 U	14 U	27 U	35 UJ
Carbon disulfide	µg/kg		21 U	31 U	14 U	27 U	35 UJ
Carbon Tetrachloride	µg/kg		21 U	31 U	14 U	27 U	35 UJ
Chlorobenzene	µg/kg		21 U	31 U	14 U	27 U	35 UJ
Chloroethane	µg/kg		21 U	31 U	14 U	27 U	35 UJ
Chloroform	µg/kg		21 U	31 U	14 U	27 U	35 UJ
Chloromethane	µg/kg		21 U	31 U	14 U	27 U	35 UJ
Cis-1,3-dichloropropene	µg/kg		21 U	31 U	14 U	27 U	35 UJ
Dibromochloromethane	µg/kg		21 U	31 U	14 U	27 U	35 UJ
Ethylbenzene	µg/kg		21 U	31 U	14 U	27 U	35 UJ
Isopropanol	µg/kg					49 J	
Methylene chloride	µg/kg		21 U	31 U	14 U	27 U	35 UJ
Styrene	µg/kg		21 U	31 U	14 U	27 U	35 UJ
Tetrachloroethene	µg/kg		21 U	31 U	14 U	27 U	35 UJ
Toluene	µg/kg		21 U	31 U	14 U	27 U	35 UJ
Trans-1,3-dichloropropene	µg/kg		21 U	31 U	14 U	27 U	35 UJ
Trichloroethene	µg/kg		21 U	31 U	14 U	27 U	35 UJ
Vinyl chloride	µg/kg		21 U	31 U	14 U	27 U	35 UJ
Xylene (Total)	µg/kg		21 U	31 U	14 U	27 U	35 UJ
Semivolatile Oraganic Compounds							
1,2,4-Trichlorobenzene	µg/kg		94 UJ	130 UJ	59 UJ	120 U	150 U
1,2-Dichlorobenzene	µg/kg		94 UJ	130 UJ	59 UJ	120 U	150 U
1,3-Dichlorobenzene	µg/kg		94 UJ	130 UJ	59 UJ	120 U	150 U
1,4-Dichlorobenzene	µg/kg		94 UJ	130 UJ	59 UJ	120 U	150 U
1-Methylnaphthalene	µg/kg		200 J	84 J	37 J	74 J	490 J
2,2'-Oxybis(1-chloropropane)	µg/kg		94 UJ	130 UJ	59 UJ	120 U	150 U
2,4,5-Trichlorophenol	µg/kg		240 UJ	340 UJ	150 UJ	300 U	370 U
2,4,6-Trichlorophenol	µg/kg		94 UJ	130 UJ	59 UJ	120 U	150 U
2,4-Dichlorophenol	µg/kg		94 UJ	130 UJ	59 UJ	120 U	150 U
2,4-Dimethylphenol	µg/kg		94 UJ	130 UJ	59 UJ	120 U	150 U
2,4-Dinitrophenol	µg/kg		240 UJ	340 UJ	150 UJ	300 U	370 U
2,4-Dinitrotoluene	µg/kg		94 UJ	130 UJ	59 UJ	120 U	150 U
2,6-Dinitrotoluene	µg/kg		94 UJ	130 UJ	59 UJ	120 U	150 U

Table I-5. (cont.)

	Date	8/18/92	8/18/92	8/18/92	8/19/92	8/19/92
	Station	OT1	OT2	OT3	OT4	OT5
Analyte	**Units**					
2-Chloronaphthalene	µg/kg	94 UJ	130 UJ	59 UJ	120 U	150 U
2-Chlorophenol	µg/kg	94 UJ	130 UJ	59 UJ	120 U	150 U
2-Methyl-4,6-dinitrophenol	µg/kg	240 UJ	340 UJ	150 UJ	300 U	370 U
2-Methylnaphthalene	µg/kg	94 UJ	130 UJ	59 UJ	120 U	150 U
2-Methylphenol	µg/kg	94 UJ	130 UJ	59 UJ	120 U	150 U
2-Nitroaniline	µg/kg	240 UJ	340 UJ	150 UJ	300 U	370 U
2-Nitrophenol	µg/kg	94 UJ	130 UJ	59 UJ	120 U	150 U
3,3-Dichlorobenzidine	µg/kg	94 UJ	130 UJ	59 UJ	120 U	150 U
3-Nitroaniline	µg/kg	240 UJ	340 UJ	150 UJ	300 U	370 U
4-Bromophenyl-phenyl ether	µg/kg	94 UJ	130 UJ	59 UJ	120 U	150 U
4-Chloro-3-methylphenol	µg/kg	94 UJ	130 UJ	59 UJ	120 U	150 U
4-Chloroaniline	µg/kg	94 UJ	130 UJ	59 UJ	120 U	150 U
4-Chlorophenyl-phenyl ether	µg/kg	94 UJ	130 UJ	59 UJ	120 U	150 U
4-Methylphenol	µg/kg	94 UJ	130 UJ	44 J	120 U	150 U
4-Nitroaniline	µg/kg	240 UJ	340 UJ	150 UJ	300 U	370 U
4-Nitrophenol	µg/kg	240	340	150	300	370
Acenaphthene	µg/kg	94	130	59	120	150
Acenaphthylene	µg/kg	94	130	59	120	150
Anthracene	µg/kg	94	130	59	120	150
Benz(a)anthracene	µg/kg	72	100	59	25	42
Benzo(a)pyrene	µg/kg	70	110	59	35	61
Benzo(b)fluoranthene	µg/kg	67	86	59	120	43
Benzo(g,h,i)perylene	µg/kg	94	64	59	120	150
Benzo(k)fluoranthene	µg/kg	54	110	59	32	51
Bis(2-chloroethoxy)methane	µg/kg	94	130	59	120	150
Bis(2-chloroethyl)ether	µg/kg	94	130	59	120	150
Bis(2-ethylhexyl)phthalate	µg/kg	94	32	59	120	150
Butylbenzylphthalate	µg/kg	94	130	59	120	150
Carbazole	µg/kg	94	130	59	120	150
Chrysene	µg/kg	85	130	59	31	55
Dibenz(a,h)anthracene	µg/kg	94	130	59	120	150
Dibenzofuran	µg/kg	94	130	59	120	150
Dichlorobenzene, non-specific	µg/kg	94	130	59	120	150
Diethylphthalate	µg/kg	94	130	59	120	150
Dimethylphthalate	µg/kg	94	130	59	120	150
Di-n-butylphthalate	µg/kg	94 UJ	130 UJ	59 UJ	120 U	150 U
Di-n-octylphthalate	µg/kg	94 UJ	130 UJ	59 UJ	120 U	150 U
Fluoranthene	µg/kg	130 J	160 J	59 UJ	89 J	99 J
Fluorene	µg/kg	94 UJ	130 UJ	59 UJ	120 U	150 U
Heptadecane	µg/kg					150 J
Hexachlorobenzene	µg/kg	94 UJ	130 UJ	59 UJ	120 U	150 U
Hexachlorobutadiene	µg/kg	94 UJ	130 UJ	59 UJ	120 U	150 U
Hexachlorocyclopentadiene	µg/kg	94 UJ	130 UJ	59 UJ	120 U	150 U

Table I-5. (cont.)

		Date	8/18/92	8/18/92	8/18/92	8/19/92	8/19/92
		Station	OT1	OT2	OT3	OT4	OT5
Analyte	**Units**						
Hexachloroethane	µg/kg		94 UJ	130 UJ	59 UJ	120 U	150 U
Hexadecane	µg/kg						150 J
Indeno(1,2,3-cd)pyrene	µg/kg		33 J	62 J	59 UJ	120 U	150 U
Isophorone	µg/kg		94 UJ	130 UJ	59 UJ	120 U	150 U
Naphthalene	µg/kg		94 UJ	130 UJ	59 UJ	120 U	150 U
Nitrobenzene	µg/kg		94 UJ	130 UJ	59 UJ	120 U	150 U
N-nitroso-di-n-propylamine	µg/kg		94 UJ	130 UJ	59 UJ	120 U	150 U
N-Nitrosodiphenylamine(1)	µg/kg		94 UJ	130 UJ	59 UJ	120 U	150 U
Pentachlorophenol	µg/kg		240 UJ	340 UJ	150 UJ	300 U	370 U
Phenanthrene	µg/kg		49 J	44 J	59 UJ	120 U	150 U
Phenol	µg/kg		94 UJ	130 UJ	59 UJ	120 U	150 U
Pyrene	µg/kg		140 J	160 J	59 UJ	40 J	80 J
Pesticides and PCBs							
4,4'-DDD	µg/kg		7.1 U	9.9 U	4.4 U	8.9 UJ	11 U
4,4'-DDE	µg/kg		7.1 U	9.9 U	4.4 U	8.9 UJ	11 U
4,4'-DDT	µg/kg		7.1 U	9.9 U	4.4 U	8.9 UJ	13
Aldrin	µg/kg		3.6 U	5.1 U	2.3 U	4.6 UJ	5.6 U
alpha-BHC	µg/kg		3.6 U	5.1 U	2.3 U	4.6 UJ	5.6 U
alpha-Chlordane	µg/kg		3.6 U	5.1 U	2.3 U	4.6 UJ	5.6 U
Aroclor-1016	µg/kg		71 U	99 U	44 U	89 UJ	110 U
Aroclor-1221	µg/kg		140 U	200 U	89 U	180 UJ	220 U
Aroclor-1232	µg/kg		71 U	99 U	44 U	89 UJ	110 U
Aroclor-1242	µg/kg		71 U	99 U	44 U	89 UJ	110 U
Aroclor-1248	µg/kg		71 U	99 U	44 U	89 UJ	110 U
Aroclor-1254	µg/kg		71 U	99 U	44 U	89 UJ	110 U
Aroclor-1260	µg/kg		71 U	99 U	44 U	89 UJ	110 U
beta-BHC	µg/kg		3.6 U	5.1 U	2.3 U	4.6 UJ	5.6 U
Chlordane (Sum)	µg/kg		3.6 U	5.1 U	2.3 U	4.6 U	5.6 U
DDT and metabolites (Sum)	µg/kg		7.1 U	9.9 U	4.4 U	8.9 U	13
delta-BHC	µg/kg		3.6 U	5.1 U	2.3 U	4.6 UJ	5.6 U
Dieldrin	µg/kg		7.1 U	9.9 U	4.4 U	8.9 UJ	11 U
Endosulfan I	µg/kg		3.6 U	5.1 U	2.3 U	4.6 UJ	5.6 U
Endosulfan II	µg/kg		7.1 U	9.9 U	4.4 U	8.9 UJ	11 U
Endosulfan sulfate	µg/kg		7.1 U	9.9 U	4.4 U	8.9 UJ	11 U
Endrin aldehyde	µg/kg		7.1 U	9.9 U	4.4 U	8.9 UJ	11 U
Endrin ketone	µg/kg		7.1 U	9.9 U	4.4 U	8.9 UJ	11 U
Endrin	µg/kg		7.1 U	9.9 U	4.4 U	8.9 UJ	11 U
gamma-BHC (Lindane)	µg/kg		3.6 U	5.1 U	2.3 U	4.6 UJ	5.6 U
gamma-Chlordane	µg/kg		3.6 U	5.1 U	2.3 U	4.6 UJ	5.6 U
Heptachlor epoxide	µg/kg		3.6 U	5.1 U	2.3 U	4.6 UJ	5.6 U
Heptachlor	µg/kg		3.6 U	5.1 U	2.3 U	4.6 UJ	5.6 U
Methoxychlor	µg/kg		36 U	51 U	23 U	46 UJ	56 U
Toxaphene	µg/kg		360 U	510 U	230 U	460 UJ	560 U
PCBs (Sum)	µg/kg		71 U	99 U	44 U	89 UJ	110 U

Table I-6 A. 1992 Onondaga Lake Fish Data, Conventional Analytes

Date	Station	Source	Species	Sample	Number of Analysis	Individual Number	Length (mm)	Weight (g)	Sex	Age (yrs)	Lipid %-ww	Percent lipid %-ww	Total solids-dry %-dw	Percent moisture %-ww
7/6/92	220	NYSDEC	SMB	Fillet	1	--	352	500	U	6		0.6		80
7/6/92	220	NYSDEC	SMB	Fillet	1	--	415	450	U	7		0.8		79
7/7/92	220	NYSDEC	SMB	Fillet	1	--	330	460	F	6		0.8		79
7/7/92	220	NYSDEC	SMB	Fillet	1	--	437	1,050	U	9		1.6		78
7/7/92	220	NYSDEC	SMB	Fillet	1	--	455	1,100	F	10		1.0		79
7/7/92	220	NYSDEC	WEYE	Fillet	1	--	460	980	M	9		1.8		78
7/7/92	220	NYSDEC	WEYE	Fillet	1	--	540	1,560	F	7		3.4		76
7/7/92	220	NYSDEC	WEYE	Fillet	1	--	550	1,890	F	6		1.7		78
7/7/92	220	NYSDEC	WEYE	Fillet	1	--	571	2,860	M	9		5.8		75
7/7/92	220	NYSDEC	WEYE	Fillet	1	--	665	3,100	F	8		3.8		76
7/12/92	220	NYSDEC	SMB	Whole Body	2	0	330	403	--	--		1.0 M		77 M
7/12/92	220	NYSDEC	WP	Whole Body	3	0	230	207	--	--		8.8 M		74 M
7/12/92	220	NYSDEC	WP	Whole Body	4	0	197	126	--	--		17 M		72 M
7/16/92	220	NYSDEC	SMB	Whole Body	1	0	400	819	--	--		3.6 M		79 M
8/4/92	220	Allied	CP	Fillet	1	1	526	1,200	N	7	1.9			
8/4/92	220	Allied	GISH	Whole Body	1	1	304	281	N	4	5.1			
8/4/92	220	Allied	GISH	Whole Body	1	1	268	251	N	3	4.3			
8/4/92	220	Allied	GISH	Whole Body	1	1	276	239	N	3	6.3			
8/4/92	220	Allied	GISH	Whole Body	1	1	284	262	N	3	7.7			
8/4/92	220	Allied	GISH	Whole Body	1	1	310	322	N	4	5.6			
8/4/92	220	Allied	GISH	Fillet	1	1	376	605	N	5	5.7			
8/4/92	220	Allied	GISH	Fillet	1	1	360	582	N	5	13			
8/4/92	220	Allied	GISH	Fillet	1	1	319	362	N	4	15			
8/4/92	220	Allied	GISH	Fillet	1	1	299	289	N	5	7.2			
8/4/92	220	Allied	GISH	Fillet	1	1	341	423	N	5	1.8			
8/4/92	220	Allied	GISH	Fillet	1	1	293	278	N	--	6.5			
8/4/92	220	Allied	GISH	Fillet	1	1	311	333	N	4	6.2			
8/4/92	220	Allied	GISH	Fillet	1	1	292	258	N	4	5.1			
8/4/92	220	Allied	GISH	Fillet	1	1	306	315	N	4	11			
8/4/92	220	Allied	SMB	Fillet	1	1	351	502	N	6	0.6			
8/4/92	220	Allied	SMB	Fillet	1	1	293	305	N	4	0.4			
8/4/92	220	Allied	SMB	Fillet	1	1	333	410	N	6	0.3			
8/4/92	220	Allied	WP	Fillet	1	1	205	135	N	3	2.4			
8/4/92	220	Allied	WP	Fillet	1	1	210	136	N	4	3.0			
8/4/92	220	Allied	WP	Fillet	1	1	225	179	N	4	1.0			
8/4/92	220	Allied	WP	Fillet	1	1	202	114	N	4	1.3			
8/4/92	220	Allied	WP	Fillet	1	1	208	130	N	5	1.7			
8/4/92	220	Allied	WP	Fillet	1	1	226	164	N	5	0.5			
8/4/92	220	Allied	WP	Fillet	1	1	215	155	N	4	4.3			
8/4/92	220	Allied	SMB	Fillet	1	1	355	514	N	7	0.5			
8/4/92	220	Allied	SMB	Fillet	1	1	325	406	N	4	0.8			
8/4/92	220	Allied	SMB	Fillet	1	1	350	496	N	6	1.2			
8/4/92	220	Allied	SMB	Fillet	1	1	360	601	N	7	1.4			
8/4/92	220	Allied	SMB	Fillet	1	1	344	459	N	6	1.2			
8/4/92	220	Allied	SMB	Fillet	1	1	355	505	N	6	0.8			

Table I-6 A. (cont.)

Date	Station	Source	Species	Sample	Number of Analysis	Individual Number	Length (mm)	Weight (g)	Sex	Age (yrs)	Lipid %-ww	Percent lipid %-ww	Total solids-dry %-dw	Percent moisture %-ww
8/4/92	220	Allied	SMB	Fillet	1	1	320	397	N	5	0.6			
8/5/92	220	Allied	BLUE	Fillet	1	1	159	92	N	4	0.9			
8/5/92	220	Allied	BLUE	Fillet	1	1	176	118	N	5	0.6			
8/5/92	220	Allied	BLUE	Fillet	1	1	171	111	F	5	0.5			
8/5/92	220	Allied	SMB	Whole Body	1	1	385	723	N	8	2.8			
8/5/92	220	Allied	SMB	Whole Body	1	1	414	890	N	9	3.1			
8/5/92	220	Allied	SMB	Fillet	1	1	396	860	F	9	2.9			
8/5/92	220	Allied	SMB	Fillet	1	1	398	724	M	7	1.0			
8/5/92	220	Allied	SMB	Fillet	1	1	298	274	M	5	0.5			
8/5/92	220	Allied	SMB	Fillet	1	1	274	242	F	5	0.5			
8/5/92	220	Allied	SMB	Fillet	1	1	295	261	M	5	0.5			
8/5/92	220	Allied	SMB	Fillet	1	1	326	465	F	6	0.8			
8/5/92	220	Allied	SMB	Fillet	1	1	409	892	F	9	1.8			
8/5/92	220	Allied	WP	Whole Body	1	1	226	167	N	6	2.0			
8/5/92	220	Allied	WP	Fillet	1	1	233	202	F	4	3.5			
8/5/92	220	Allied	WP	Fillet	1	1	225	177	F	4	3.2			
8/5/92	220	Allied	WP	Fillet	1	1	226	168	F	5	1.6			
8/5/92	220	Allied	BLUE	Fillet	1	1	186	135	N	6	0.6			
8/5/92	220	Allied	BLUE	Fillet	1	1	171	101	F	4	1.1			
8/6/92	220	Allied	BLUE	Whole Body	1	1	166	100	N	4	3.2			
8/6/92	220	Allied	BLUE	Whole Body	1	1	156	75	N	3	0.8			
8/6/92	220	Allied	BLUE	Fillet	1	1	180	106	F	5	0.4			
8/6/92	220	Allied	BLUE	Fillet	1	1	185	130	M	5	1.5			
8/6/92	220	Allied	BLUE	Fillet	1	1	174	130	M	5	1.3			
8/6/92	220	Allied	BLUE	Fillet	1	1	151	69	F	5	0.8			
8/6/92	220	Allied	BLUE	Fillet	1	1	170	101	F	5	0.9			
8/6/92	220	Allied	WP	Whole Body	1	1	203	113	N	4	4.9			
8/6/92	220	Allied	WP	Whole Body	1	1	203	125	N	4	8.1			
8/6/92	220	Allied	WP	Whole Body	1	1	226	176	N	5	10			
8/6/92	220	Allied	SMB	Whole Body	1	1	404	732	N	8	3.8			
8/6/92	220	Allied	SMB	Whole Body	1	1	382	686	N	8	3.9			
8/6/92	220	Allied	BLUE	Whole Body	1	1	165	74	N	4	2.5			
8/6/92	220	Allied	BLUE	Whole Body	1	1	160	87	N	4	2.4			
8/6/92	220	Allied	BLUE	Whole Body	1	1	181	129	N	5	1.6			
8/6/92	220	Allied	CP	Fillet	1	1	550	1,200	F	--	1.6			
8/6/92	220	Allied	SMB	Whole Body	1	1	342	431	N	6	3.5			
8/6/92	220	Allied	WP	Whole Body	1	1	206	133	N	4	4.9			
8/7/92	220	Allied	CATF	Fillet	1	1	444	734	F	10	2.7			
8/10/92	220	Allied	GISH	Whole Body	1	1	321	392	N	4	7.2			
8/10/92	220	Allied	GISH	Whole Body	1	1	316	401	N	4	14			
8/10/92	220	Allied	GISH	Whole Body	1	1	312	343	N	3	16			
8/10/92	220	Allied	GISH	Fillet	1	1	312	322	N	4	6.9			
8/10/92	220	Allied	GISH	Fillet	1	1	279	261	N	3	14			
8/10/92	220	Allied	GISH	Fillet	1	1	291	282	N	3	4.7			
8/10/92	220	Allied	SMB	Fillet	1	1	332	385	M	5	0.9			

Table I-6 A. (cont.)

Date	Station	Source	Species	Sample	Number of Analysis	Individual Number	Length (mm)	Weight (g)	Sex	Age (yrs)	Lipid %-ww	Percent lipid %-ww	Total solids-dry %-dw	Percent moisture %-ww
8/10/92	220	Allied	SMB	Fillet	1	1	270	219	N	4	1.1			
8/10/92	220	Allied	WP	Fillet	1	1	219	167	F	6	4.9			
8/11/92	220	Allied	CATF	Fillet	1	1	431	485	F	10	4.4			
8/11/92	220	Allied	GISH	Whole Body	1	1	309	332	N	4	14			
8/11/92	220	Allied	GISH	Whole Body	1	1	352	399	N	4	3.3			
8/11/92	220	Allied	GISH	Fillet	1	1	289	258	M	3	12			
8/11/92	220	Allied	GISH	Fillet	1	1	311	334	M	3	10			
8/11/92	220	Allied	GISH	Fillet	1	1	323	368	M	4	9.8			
8/11/92	220	Allied	SMB	Whole Body	1	1	358	624	N	--	2.0			
8/11/92	220	Allied	SMB	Fillet	1	1	324	376	F	--	0.9			
8/11/92	220	Allied	SMB	Fillet	1	1	288	249	F	4	0.6			
8/11/92	220	Allied	SMB	Fillet	1	1	272	218	F	4	0.8			
8/11/92	220	Allied	WEYE	Fillet	1	1	504	1,142	M	6	1.9			
8/11/92	220	Allied	WEYE	Fillet	1	1	490	1,043	M	5	1.4			
8/11/92	220	Allied	WP	Whole Body	1	1	202	126	N	4	3.5			
8/11/92	220	Allied	WP	Whole Body	1	1	226	172	N	5	5.6			
8/11/92	220	Allied	WP	Whole Body	1	1	204	143	N	4	5.8			
8/11/92	220	Allied	WP	Fillet	1	1	201	116	F	5	3.4			
8/11/92	220	Allied	WP	Fillet	1	1	205	127	F	6	2.0			
8/11/92	220	Allied	WP	Fillet	1	1	222	228	F	--	3.1			
8/12/92	220	Allied	CATF	Fillet	1	1	400	553	F	10	3.1			
8/12/92	220	Allied	BLUE	Whole Body	1	1	170	86	N	5	1.1			
8/12/92	220	Allied	BLUE	Whole Body	1	1	155	80	N	3	2.8			
8/12/92	220	Allied	BLUE	Whole Body	1	1	165	93	N	4	0.9			
8/12/92	220	Allied	BLUE	Fillet	1	1	180	133	M	5	2.3			
8/12/92	220	Allied	BLUE	Fillet	1	1	155	85	M	4	0.7			
8/12/92	220	Allied	CP	Fillet	1	1	529	1,200	M	8	1.7			
8/12/92	220	Allied	CATF	Fillet	1	1	442	660	F	12	5.5			
8/12/92	220	Allied	CATF	Fillet	1	1	418	428	N	10	1.3			
8/12/92	220	Allied	SMB	Fillet	1	1	302	307	M	4	0.6			
8/12/92	220	Allied	WP	Whole Body	1	1	200	125	N	4	7.9			
8/12/92	220	Allied	WP	Whole Body	1	1	201	115	N	4	8.8			
8/12/92	220	Allied	WP	Fillet	1	1	225	180	M	4	2.3			
8/12/92	220	Allied	WP	Fillet	1	1	206	125	F	6	4.0			
8/12/92	220	Allied	WP	Fillet	1	1	232	153	F	5	1.1			
8/12/92	220	Allied	WP	Fillet	1	1	210	140	F	5	2.2			
8/12/92	220	Allied	BLUE	Fillet	1	1	172	121	M	5	1.1 J			
8/12/92	220	Allied	BLUE	Fillet	1	1	152	77	F	4	0.9			
8/12/92	220	Allied	BLUE	Fillet	1	1	172	106	F	5	0.8			
8/12/92	220	Allied	BLUE	Fillet	1	1	172	97	M	4	0.8			
8/12/92	220	Allied	BLUE	Fillet	1	1	171	118	N	5	1.0			
8/13/92	220	Allied	SMB	Fillet	1	1	346	426	M	6	0.5			
8/14/92	220	Allied	BLUE	Fillet	1	1	151	64	F	4	0.4			
8/14/92	220	Allied	SMB	Fillet	1	1	371	606	M	7	0.4			
8/14/92	220	Allied	SMB	Fillet	1	1	350	481	M	6	1.1			

Table I-6 A. (cont.)

Date	Station	Source	Species	Sample	Number of Analysis	Individual Number	Length (mm)	Weight (g)	Sex	Age (yrs)	Lipid %-ww	Percent lipid %-ww	Total solids-dry %-dw	Percent moisture %-ww
8/14/92	220	Allied	SMB	Fillet	1	1	351	566	F	6	2.3			
8/17/92	220	Allied	CATF	Fillet	1	1	405	548	M	8	1.7			
8/17/92	220	Allied	SSDS	Composite (YOY)	1	2	43	0	N	--	0.9			
8/17/92	220	Allied	BLUE	Composite (YOY)	1	7	101	18	N	--	2.1			
8/17/92	220	Allied	SSDS	Composite (YOY)	1	6	45	0	N	--	3.6			
8/18/92	220	Allied	KF	Composite (YOY)	1	9	31	0	N	--	2.7			
8/18/92	220	Allied	SSDS	Composite (YOY)	1	1	44	1	N	--	6.6 J			
8/18/92	220	Allied	BLUE	Fillet	1	1	185	136	F	7	0.6			
8/18/92	220	Allied	BLUE	Fillet	1	1	185	133	M	7	0.7			
8/18/92	220	Allied	BLUE	Fillet	1	1	162	88	F	4	1.3			
8/18/92	220	Allied	CP	Fillet	1	1	518	1,200	M	7	3.5			
8/18/92	220	Allied	KF	Composite (YOY)	1	5	29	0	N	--	5.4			
8/19/92	220	Allied	WP	Composite (YOY)	1	8	54	2	N	--	2.8			
8/19/92	220	Allied	GISH	Composite (YOY)	1	4	31	0	N	--	2.0			
8/19/92	220	Allied	WEYE	Fillet	1	1	478	1,025	N	5	1.6			
8/21/92	220	Allied	SSDS	Composite (YOY)	1	10	44	0	N	--	3.1			
8/22/92	220	Allied	CP	Fillet	1	1	548	1,200	F	8	1.8			
8/22/92	220	Allied	CP	Fillet	1	1	590	1,200	M	9	2.8			
8/22/92	220	Allied	CP	Fillet	1	1	587	1,200	M	9	1.1			
8/22/92	220	Allied	CP	Fillet	1	1	590	1,200	M	8	3.1			
8/22/92	220	Allied	CP	Fillet	1	1	588	1,200	F	9	1.8			
8/22/92	220	Allied	CP	Fillet	1	1	554	1,200	F	8	5.4			
8/22/92	220	Allied	CP	Fillet	1	1	524	1,200	F	7	0.9			
8/22/92	220	Allied	CP	Fillet	1	1	588	1,200	M	9	2.2			
8/23/92	220	Allied	CP	Fillet	1	1	580	1,200	F	--	0.8			
9/2/92	220	Allied	CP	Fillet	1	1	530	1,200	M	--	2.4			
9/2/92	220	Allied	CP	Fillet	1	1	555	1,200	M	9	2.7			
9/2/92	220	Allied	CATF	Fillet	1	1	361	314	F	7	1.1			
9/2/92	220	Allied	CATF	Fillet	1	1	427	702	F	--	3.6			
9/4/92	220	Allied	CP	Fillet	1	1	572	1,200	F	7	7.3			
9/4/92	220	Allied	WEYE	Fillet	1	1	498	1,019	M	5	3.1			
9/4/92	220	Allied	WEYE	Fillet	1	1	494	1,030	F	5	1.2			
9/4/92	220	Allied	WEYE	Fillet	1	1	468	890	M	6	1.5			
9/4/92	220	Allied	BLUE	Whole Body	1	1	171	106	N	4	1.8 J			
9/4/92	220	Allied	BLUE	Whole Body	1	1	157	82	N	4	0.3 J			
9/4/92	220	Allied	BLUE	Fillet	1	1	152	77	F	4	0.8			
9/4/92	220	Allied	BLUE	Fillet	1	1	158	80	F	5	0.8			
9/4/92	220	Allied	BLUE	Fillet	1	1	187	136	M	5	0.8			
9/4/92	220	Allied	BLUE	Fillet	1	1	182	111	M	4	1.0			
9/8/92	220	Allied	BLUE	Fillet	1	1	175	124	M	4	2.5			
9/8/92	220	Allied	BLUE	Fillet	1	1	168	95	M	4	0.6			
9/8/92	220	Allied	SMB	Fillet	1	1	301	302	F	--	0.9			
9/9/92	220	Allied	CP	Fillet	1	1	558	1,200	F	8	3.4			
9/9/92	220	Allied	CATF	Fillet	1	1	409	687	M	6	6.3			
9/9/92	220	Allied	CATF	Fillet	1	1	385	480	M	10	2.2			

Table I-6 A. (cont.)

Date	Station	Source	Species	Sample	Number of Analysis	Individual Number	Length (mm)	Weight (g)	Sex	Age (yrs)	Lipid %-ww	Percent lipid %-ww	Total solids-dry %-dw	Percent moisture %-ww
9/11/92	220	Allied	CP	Fillet	1	1	505	1,200	M	7	1.0			
9/11/92	220	Allied	WEYE	Fillet	1	1	442	670	M	5	1.7			
9/11/92	220	Allied	SMB	Whole Body	1	1	309	475	N	--	0.7 J			
9/11/92	220	Allied	SMB	Fillet	1	1	328	461	F	5	1.6			
9/11/92	220	Allied	SMB	Fillet	1	1	331	338	M	--	0.9			
9/14/92	220	Allied	WEYE	Fillet	1	1	513	1,200	M	5	1.6			
9/14/92	220	Allied	WEYE	Fillet	1	1	440	766	M	5	4.0			
9/14/92	220	Allied	WP	Fillet	1	1	212	145	F	4	3.0			
9/14/92	220	Allied	WP	Fillet	1	1	208	133	F	4	2.2			
9/15/92	220	Allied	CP	Fillet	1	1	589	1,200	F	9	1.1			
9/16/92	220	Allied	CP	Fillet	1	1	503	1,200	M	7	0.9			
9/16/92	220	Allied	CATF	Fillet	1	1	371	383	M	8	1.6			
9/16/92	220	Allied	CATF	Fillet	1	1	370	463	F	5	4.5			
9/16/92	220	Allied	CATF	Fillet	1	1	371	382	M	8	3.0			
9/16/92	220	Allied	WEYE	Fillet	1	1	471	939	M	6	1.2			
9/16/92	220	Allied	BLUE	Fillet	1	1	183	130	F	5	1.0			
9/16/92	220	Allied	SMB	Whole Body	1	1	304	359	N	--	3.5 J			
9/18/92	220	Allied	GISH	Fillet	1	1	314	380	M	3	9.1			
9/18/92	220	Allied	GISH	Fillet	1	1	318	407	M	3	17			
9/18/92	220	Allied	GISH	Fillet	1	1	318	414	M	3	10			
9/18/92	220	Allied	GISH	Fillet	1	1	331	428	M	3	15			
9/18/92	220	Allied	SMB	Whole Body	1	1	331	380	N	--	1.8 J			
9/24/92	220	Allied	SMB	Whole Body	1	1	341	395	N	6	1.2 J			
10/6/92	220	Allied	CATF	Composite (Adult)	1	4	432	739	M	--	6.0		100	
10/6/92	220	Allied	SMB	Composite (Adult)	1	4	329	339	M	6	0.7		100	
10/6/92	220	Allied	WEYE	Composite (Adult)	1	3	540	984	F	5	2.6		100	
10/6/92	220	Allied	WP	Composite (Adult)	1	3	203	136	F	4	4.5		100	
10/7/92	220	Allied	CATF	Fillet	1	1	440	1,200	F	--	2.2			
10/7/92	220	Allied	CATF	Fillet	1	1	416	1,200	F	--	4.0			
10/7/92	220	Allied	CATF	Fillet	1	1	525	1,200	F	8	8.5			
10/7/92	220	Allied	WEYE	Fillet	1	1	585	1,200	F	8	2.6			
10/7/92	220	Allied	WEYE	Fillet	1	1	511	1,200	F	6	3.2			
10/7/92	220	Allied	WEYE	Fillet	1	1	541	1,200	F	7	1.9			
10/7/92	220	Allied	WEYE	Fillet	1	1	417	--	M	4	1.6			
10/9/92	220	Allied	CATF	Fillet	1	1	404	640	M	--	2.7			
10/9/92	220	Allied	CATF	Fillet	1	1	491	1,200	F	12	3.7			
10/9/92	220	Allied	CATF	Fillet	1	1	463	891	F	11	1.5			
10/9/92	220	Allied	CATF	Fillet	1	1	460	854	F	11	2.7			
10/9/92	220	Allied	CATF	Fillet	1	1	510	1,200	F	11	9.6			
10/9/92	220	Allied	WEYE	Fillet	1	1	461	967	F	5	1.3			
10/9/92	220	Allied	WEYE	Fillet	1	1	565	1,200	F	6	2.0			
10/9/92	220	Allied	WEYE	Fillet	1	1	474	1,200	M	5	1.6			
10/9/92	220	Allied	WEYE	Fillet	1	1	468	977	F	5	2.4			
10/9/92	220	Allied	WEYE	Fillet	1	1	423	712	M	4	0.8			
10/10/92	220	Allied	WEYE	Fillet	1	1	473	1,006	F	--	1.6			

Table I-6 B. 1992 Onondaga Lake Fish Data, Metals

Date	Station	Source	Species	Sample	Number of Analysis	Individual Number	Length (mm)	Weight (g)	Sex	Age (yrs)	Cadmium µg/kg-ww	Ionic mercury µg/kg-ww	Lead µg/kg-ww	Mercury µg/kg-ww	Methyl mercury µg/kg-ww
7/6/1992	220	NYSDEC	SMB	Fillet	1	--	255	220	--	3				390	
7/6/1992	220	NYSDEC	SMB	Fillet	1	--	262	240	--	3				360	
7/6/1992	220	NYSDEC	SMB	Fillet	1	--	265	220	--	3				460	
7/6/1992	220	NYSDEC	SMB	Fillet	1	--	277	260	--	4				440	
7/6/1992	220	NYSDEC	SMB	Fillet	1	--	283	280	--	4				620	
7/6/1992	220	NYSDEC	SMB	Fillet	1	--	287	340	--	4				520	
7/6/1992	220	NYSDEC	SMB	Fillet	1	--	296	320	--	5				660	
7/6/1992	220	NYSDEC	SMB	Fillet	1	--	300	350	--	5				540	
7/6/1992	220	NYSDEC	SMB	Fillet	1	--	310	360	--	--				770	
7/6/1992	220	NYSDEC	SMB	Fillet	1	--	312	360	--	5				790	
7/6/1992	220	NYSDEC	SMB	Fillet	1	--	315	380	--	5				860	
7/6/1992	220	NYSDEC	SMB	Fillet	1	--	317	430	--	5				650	
7/6/1992	220	NYSDEC	SMB	Fillet	1	--	320	400	--	5				700	
7/6/1992	220	NYSDEC	SMB	Fillet	1	--	321	340	--	5				860	
7/6/1992	220	NYSDEC	SMB	Fillet	1	--	338	430	--	6				1,010	
7/6/1992	220	NYSDEC	SMB	Fillet	1	--	345	470	--	6				730	
7/6/1992	220	NYSDEC	SMB	Fillet	1	--	345	520	--	6				930	
7/6/1992	220	NYSDEC	SMB	Fillet	1	--	350	500	--	6				630	
7/6/1992	220	NYSDEC	SMB	Fillet	1	--	352	500	U	6				1,060	
7/6/1992	220	NYSDEC	SMB	Fillet	1	--	375	480	--	--				2,880	
7/6/1992	220	NYSDEC	SMB	Fillet	1	--	415	450	U	7				660	
7/7/1992	220	NYSDEC	SMB	Fillet	1	--	252	180	F	3				480	
7/7/1992	220	NYSDEC	SMB	Fillet	1	--	255	200	--	3				640	
7/7/1992	220	NYSDEC	SMB	Fillet	1	--	259	200	F	4				530	
7/7/1992	220	NYSDEC	SMB	Fillet	1	--	263	210	F	3				640	
7/7/1992	220	NYSDEC	SMB	Fillet	1	--	265	240	F	4				540	
7/7/1992	220	NYSDEC	SMB	Fillet	1	--	268	260	F	3				580	
7/7/1992	220	NYSDEC	SMB	Fillet	1	--	269	250	M	--				570	
7/7/1992	220	NYSDEC	SMB	Fillet	1	--	271	240	F	3				840	
7/7/1992	220	NYSDEC	SMB	Fillet	1	--	271	260	F	4				630	
7/7/1992	220	NYSDEC	SMB	Fillet	1	--	272	230	F	4				610	
7/7/1992	220	NYSDEC	SMB	Fillet	1	--	272	230	F	5				200	
7/7/1992	220	NYSDEC	SMB	Fillet	1	--	275	220	F	4				770	
7/7/1992	220	NYSDEC	SMB	Fillet	1	--	280	260	F	4				670	
7/7/1992	220	NYSDEC	SMB	Fillet	1	--	288	270	F	4				860	
7/7/1992	220	NYSDEC	SMB	Fillet	1	--	295	210	M	5				600	
7/7/1992	220	NYSDEC	SMB	Fillet	1	--	295	310	M	4				400	
7/7/1992	220	NYSDEC	SMB	Fillet	1	--	296	220	M	5				740	
7/7/1992	220	NYSDEC	SMB	Fillet	1	--	298	300	M	5				700	
7/7/1992	220	NYSDEC	SMB	Fillet	1	--	301	330	F	5				1,210	
7/7/1992	220	NYSDEC	SMB	Fillet	1	--	301	340	--	5				540	
7/7/1992	220	NYSDEC	SMB	Fillet	1	--	302	330	F	5				750	
7/7/1992	220	NYSDEC	SMB	Fillet	1	--	302	340	F	5				880	
7/7/1992	220	NYSDEC	SMB	Fillet	1	--	310	380	F	5				780	

Table I-6 B. (cont.)

Date	Station	Source	Species	Sample	Number of Analysis	Individual Number	Length (mm)	Weight (g)	Sex	Age (yrs)	Cadmium µg/kg-ww	Ionic mercury µg/kg-ww	Lead µg/kg-ww	Mercury µg/kg-ww	Methyl mercury µg/kg-ww
7/7/1992	220	NYSDEC	SMB	Fillet	1	--	315	440	--	5				760	
7/7/1992	220	NYSDEC	SMB	Fillet	1	--	316	270	--	6				960	
7/7/1992	220	NYSDEC	SMB	Fillet	1	--	329	480	F	5				700	
7/7/1992	220	NYSDEC	SMB	Fillet	1	--	330	460	F	6				820	
7/7/1992	220	NYSDEC	SMB	Fillet	1	--	437	1,050	--	9				2,100	
7/7/1992	220	NYSDEC	SMB	Fillet	1	--	455	1,100	F	10				2,620	
7/7/1992	220	NYSDEC	WEYE	Fillet	1	--	435	720	F	4				1,130	
7/7/1992	220	NYSDEC	WEYE	Fillet	1	--	460	980	M	9				1,500	
7/7/1992	220	NYSDEC	WEYE	Fillet	1	--	478	1,200	M	5				2,110	
7/7/1992	220	NYSDEC	WEYE	Fillet	1	--	496	1,280	M	5				2,290	
7/7/1992	220	NYSDEC	WEYE	Fillet	1	--	509	1,480	F	6				2,420	
7/7/1992	220	NYSDEC	WEYE	Fillet	1	--	525	1,280	F	6				1,150	
7/7/1992	220	NYSDEC	WEYE	Fillet	1	--	540	1,560	F	7				1,190	
7/7/1992	220	NYSDEC	WEYE	Fillet	1	--	550	1,890	F	6				3,390	
7/7/1992	220	NYSDEC	WEYE	Fillet	1	--	571	2,860	M	9				2,690	
7/7/1992	220	NYSDEC	WEYE	Fillet	1	--	665	3,100	F	8				5,070	
7/12/1992	220	NYSDEC	WP	Fillet	3	--	230	207	--	--	30		120	190	
7/12/1992	220	NYSDEC	WP	Fillet	4	--	197	126	--	--	30		140	700	
7/12/1992	220	NYSDEC	SMB	Whole Body	2	--	330	403	--	--	20		60	620	
7/16/1992	220	NYSDEC	SMB	Whole Body	1	--	400	819	--	--	10		60	760	
8/4/1992	220	Allied	CP	Fillet	1	1	526	1,200	N	7		12 U			41
8/4/1992	220	Allied	GISH	Whole Body	1	1	304	281	N	4		48 J			222
8/4/1992	220	Allied	GISH	Whole Body	1	1	268	251	N	3		32 J			180
8/4/1992	220	Allied	GISH	Whole Body	1	1	276	239	N	3		26 J			215
8/4/1992	220	Allied	GISH	Whole Body	1	1	284	262	N	3		22 J			138
8/4/1992	220	Allied	GISH	Whole Body	1	1	310	322	N	4		23 J			29
8/4/1992	220	Allied	GISH	Fillet	1	1	376	605	N	5					147
8/4/1992	220	Allied	GISH	Fillet	1	1	360	582	N	5					258
8/4/1992	220	Allied	GISH	Fillet	1	1	319	362	N	4					249
8/4/1992	220	Allied	GISH	Fillet	1	1	299	289	N	5					168 J
8/4/1992	220	Allied	GISH	Fillet	1	1	341	423	N	5		21 UJ			140 J
8/4/1992	220	Allied	GISH	Fillet	1	1	293	278	N	--		5.0 UJ			217
8/4/1992	220	Allied	GISH	Fillet	1	1	311	333	N	4					207
8/4/1992	220	Allied	GISH	Fillet	1	1	292	258	N	4					380 J
8/4/1992	220	Allied	GISH	Fillet	1	1	306	315	N	4					239
8/4/1992	220	Allied	GISH	Fillet	1	1	297	283	N	4					332
8/4/1992	220	Allied	SMB	Fillet	1	1	351	502	N	6					907
8/4/1992	220	Allied	SMB	Fillet	1	1	293	305	N	4					458
8/4/1992	220	Allied	SMB	Fillet	1	1	333	410	N	6					898 J

Table I-6 C. 1992 Onondaga Lake Fish Data, Pesticides and PCBs

		Date	7/6/92		7/6/92		7/7/92		7/7/92		7/7/92		7/7/92	
		Station	220		220		220		220		220		220	
		Source	NYSDEC		NYSDEC		NYSDEC		NYSDEC		NYSDEC		NYSDEC	
		Species	SMB		SMB		SMB		SMB		SMB		WEYE	
		Sample	Fillet		Fillet		Fillet		Fillet		Fillet		Fillet	
		Number of Analysis	1		1		1		1		1		1	
		Individual Number	--		--		--		--		--		--	
		Length (mm)	352		415		330		437		455		460	
		Weight (g)	500		450		460		1050		1100		980	
		Sex	U		U		F		U		F		M	
Analyte	**Units**	**Age (yrs)**	**6**		**7**		**6**		**9**		**10**		**9**	
4,4'-DDD	µg/kg-ww		6.0		7.0		6.0		17		15		12	
4,4'-DDE	µg/kg-ww		15		13		10		28		28		21	
4,4'-DDT	µg/kg-ww		5.0		5.0		4.0		9.0		7.0		6.0	
Aldrin and dieldrin (Sum)	µg/kg-ww		19		5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Aldrin	µg/kg-ww													
alpha-BHC	µg/kg-ww													
alpha-Chlordane	µg/kg-ww													
Aroclor-1016	µg/kg-ww		279		317		134		492		465		369	
Aroclor-1221	µg/kg-ww													
Aroclor-1248	µg/kg-ww													
Aroclor-1254 & Aroclor 1260	µg/kg-ww		370		220		370		660		548		306	
Aroclor-1254	µg/kg-ww													
Aroclor-1260	µg/kg-ww													
beta-BHC	µg/kg-ww													
Chlordane (Sum)	µg/kg-ww		35		16		25	U	10		25	U	10	
cis-Chlordane	µg/kg-ww		8.0		5.0	U	5.0	U	5.0	U	5.0	U	5.0	
DDT and metabolites (Sum)	µg/kg-ww		26		25		20		54		50		39	
delta-BHC	µg/kg-ww													
Dieldrin & Aldrin	µg/kg-ww		19		5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dieldrin	µg/kg-ww		19		5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Endosulfan I	µg/kg-ww													
Endosulfan II	µg/kg-ww													
Endosulfan sulfate	µg/kg-ww													
Endrin aldehyde	µg/kg-ww													
Endrin ketone	µg/kg-ww													
Endrin	µg/kg-ww													
gamma-BHC (Lindane)	µg/kg-ww													
gamma-Chlordane	µg/kg-ww													
Heptachlor and Heptachlor epoxide (Sum)	µg/kg-ww													
Heptachlor epoxide	µg/kg-ww													
Heptachlor	µg/kg-ww													
Methoxychlor	µg/kg-ww													
Methoxychlordane	µg/kg-ww													
Mirex & Photomirex	µg/kg-ww		7.0	U	7.0	U	7.0	U	7.0	U	7.0	U	7.0	U

Table I-6 C. (cont.)

		Date	7/6/92		7/6/92		7/7/92		7/7/92		7/7/92		7/7/92	
		Station	220		220		220		220		220		220	
		Source	NYSDEC		NYSDEC		NYSDEC		NYSDEC		NYSDEC		NYSDEC	
		Species	SMB		SMB		SMB		SMB		SMB		WEYE	
		Sample	Fillet		Fillet		Fillet		Fillet		Fillet		Fillet	
		Number of Analysis	1		1		1		1		1		1	
		Individual Number	--		--		--		--		--		--	
		Length (mm)	352		415		330		437		455		460	
		Weight (g)	500		450		460		1050		1100		980	
		Sex	U		U		F		U		F		M	
Analyte	**Units**	**Age (yrs)**	6		7		6		9		10		9	
Mirex	µg/kg-ww		2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Oxychlordane	µg/kg-ww		10	U	10	U	10	U	10	U	10	U	10	U
PCBs (Sum)	µg/kg-ww		649		537		504		1152		1013		675	
Photomirex	µg/kg-ww		5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Sum of a, b, g, d-Hexachlorocyclohexane	µg/kg-ww													
Total Chlordane	µg/kg-ww		27		8.0		25	U	5.0		25	U	5.0	
Total DDT	µg/kg-ww		26		25		20		54		50		39	
Total PCB	µg/kg-ww		649		720		354		1152		1013		675	
Toxaphene	µg/kg-ww													
trans-Chlordane	µg/kg-ww		5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Transnonachlor	µg/kg-ww				8.0		5.0	U	5.0		5.0	U	5.0	U

Table I-6 C. (cont.)

		Date	**7/7/92**		**7/7/92**		**7/7/92**		**7/7/92**		**7/12/92**		**7/12/92**		**7/12/92**	
		Station	**220**		**220**		**220**		**220**		**220**		**220**		**220**	
		Source	**NYSDEC**		**NYSDEC**		**NYSDEC**		**NYSDEC**		**NYSDEC**		**NYSDEC**		**NYSDEC**	
		Species	**WEYE**		**WEYE**		**WEYE**		**WEYE**		**SMB**		**WP**		**WP**	
		Sample	**Fillet**		**Fillet**		**Fillet**		**Fillet**		**Whole**		**Whole**		**Whole**	
		Number of Analysis	**1**		**1**		**1**		**1**		**2**		**3**		**4**	
		Individual Number	**--**		**--**		**--**		**--**		**--**		**--**		**--**	
		Length mm	**540**		**550**		**571**		**665**		**330**		**230.3**		**196.8**	
		Weight g	**1560**		**1890**		**2860**		**3100**		**403**		**207.3**		**126.2**	
		Sex	**F**		**F**		**M**		**F**		**--**		**--**		**--**	
Analyte	**Units**	**Age**	**7**		**6**		**9**		**8**		**0**		**0**		**0**	
4,4'-DDD	µg/kg-ww		20		11		47		32		4.5	U	3.6	U	4.2	
4,4'-DDE	µg/kg-ww		33		15		104		48		4.5	U	3.6	U	4.2	
4,4'-DDT	µg/kg-ww		9.0		5.0		27		16		4.5	U	3.6	U	4.2	
Aldrin and dieldrin (Sum)	µg/kg-ww		6.0		5.0		11		9.0		4.5	U	3.6	U	4.2	
Aldrin	µg/kg-ww										4.5	U	3.6	U	4.2	
alpha-BHC	µg/kg-ww										4.5	U	3.6	U	4.2	
alpha-Chlordane	µg/kg-ww															
Aroclor-1016	µg/kg-ww		468		443		1,607		1,011							
Aroclor-1221	µg/kg-ww															
Aroclor-1248	µg/kg-ww															
Aroclor-1254 & Aroclor 1260	µg/kg-ww		466		319		1,531		945							
Aroclor-1254	µg/kg-ww										11,000		1,000		2,400	
Aroclor-1260	µg/kg-ww															
beta-BHC	µg/kg-ww										4.5	U	3.6	U	4.2	
Chlordane (Sum)	µg/kg-ww		14		25	U	90		52		90	U	70	U	84	
cis-Chlordane	µg/kg-ww		7.0		5.0	U	20		12							
DDT and metabolites (Sum)	µg/kg-ww		62		31		178		96		4.5	U	3.6	U	4.2	
delta-BHC	µg/kg-ww								1.0	U	4.5	U	3.6	U	4.2	
Dieldrin & Aldrin	µg/kg-ww		6.0		5.0		11		9.0							
Dieldrin	µg/kg-ww		6.0		5.0		11		9.0		4.5	U	3.6	U	4.2	
Endosulfan I	µg/kg-ww										4.5	U	3.6	U	4.2	
Endosulfan II	µg/kg-ww										4.5	U	3.6	U	4.2	
Endosulfan sulfate	µg/kg-ww										4.5	U	3.6	U	4.2	
Endrin aldehyde	µg/kg-ww										4.5	U	3.6	U	4.2	
Endrin ketone	µg/kg-ww															
Endrin	µg/kg-ww										4.5	U	3.6	U	4.2	
gamma-BHC (Lindane)	µg/kg-ww				9000						4.5	U	3.6	U	4.2	
gamma-Chlordane	µg/kg-ww															
Heptachlor and Heptachlor epoxide (Sum)	µg/kg-ww										4.5	U	3.6	U	4.2	
Heptachlor epoxide	µg/kg-ww										4.5	U	3.6	U	4.2	
Heptachlor	µg/kg-ww										4.5	U	3.6	U	4.2	
Methoxychlor	µg/kg-ww															
Methoxychlordane	µg/kg-ww										230	U	180	U	210	
Mirex & Photomirex	µg/kg-ww		7.0	U	7.0	U	7.0	U	7.0	U						

Table I-6 C. (cont.)

		Date	7/7/92		7/7/92		7/7/92		7/7/92		7/12/92		7/12/92		7/12/92	
		Station	220		220		220		220		220		220		220	
		Source	NYSDEC		NYSDEC		NYSDEC		NYSDEC		NYSDEC		NYSDEC		NYSDEC	
		Species	WEYE		WEYE		WEYE		WEYE		SMB		WP		WP	
		Sample	Fillet		Fillet		Fillet		Fillet		Whole		Whole		Whole	
		Number of Analysis	1		1		1		1		2		3		4	
		Individual Number	--		--		--		--		--		--		--	
		Length mm	540		550		571		665		330		230.3		196.8	
		Weight g	1560		1890		2860		3100		403		207.3		126.2	
		Sex	F		F		M		F		--		--		--	
Analyte	**Units**	Age	7		6		9		8		0		0		0	
Mirex	µg/kg-ww		2.0	U	2.0	U	2.0	U	2.0	U						
Oxychlordane	µg/kg-ww		10	U	10	U	10	U	10	U						
PCBs (Sum)	µg/kg-ww		934		762		3,138		1,956		11,000		1,000		2,400	
Photomirex	µg/kg-ww		5.0	U	5.0	U	5.0	U	5.0	U						
Sum of a, b, g, d-Hexachlorocyclohexane	µg/kg-ww															
Total Chlordane	µg/kg-ww		7.0		25	U	45		26		90	U	70	U	84	
Total DDT	µg/kg-ww		62		31		178		96							
Total PCB	µg/kg-ww		934		762		3,138		1,956		11,000		1,000		2,400	
Toxaphene	µg/kg-ww										450	U	360	U	420	
trans-Chlordane	µg/kg-ww		5.0	U	5.0	U	9.0		6.0							
Transnonachlor	µg/kg-ww				5.0	U	16		8.0							

Table I-6 C. (cont.)

		Date		**7/16/92**		**10/6/92**		**10/6/92**		**10/6/92**		**10/6/92**	
		Station		**220**		**220**		**220**		**220**		**220**	
		Source		**NYSDEC**		**Allied**		**Allied**		**Allied**		**Allied**	
		Species		**SMB**		**CATF**		**SMB**		**WEYE**		**WP**	
		Sample		**Whole**		**Composite (Adult)**		**Composite (Adult)**		**Composite (Adult)**		**Composite (Adult)**	
		Number of Analysis		**1**		**1**		**1**		**1**		**1**	
		Individual Number		**--**		**4**		**4**		**3**		**3**	
		Length mm		**400**		**432**		**329**		**540**		**203**	
		Weight g		**819**		**739**		**339**		**984**		**136**	
		Sex		**--**		**M**		**M**		**F**		**F**	
Analyte	**Units**	**Age**		**0**		**0**		**6**		**5**		**4**	
4,4'-DDD	µg/kg-ww		U	5.0	U	170	NJ	13	NJ	22	NJ	53	NJ
4,4'-DDE	µg/kg-ww		U	5.0	U	400	J	43		54	J	81	J
4,4'-DDT	µg/kg-ww		U	5.0	U	18	NJ	3.2	U	3.2	U	8.7	NJ
Aldrin and dieldrin (Sum)	µg/kg-ww		U	5.0	U	1.6	U	1.6	U	7.0		1.7	U
Aldrin	µg/kg-ww		U	5.0	U	1.6	U	1.6	U	1.6	U	1.7	U
alpha-BHC	µg/kg-ww		U	5.0	U	1.6	U	1.6	U	1.6	U	1.7	U
alpha-Chlordane	µg/kg-ww					33	NJ	1.6	U	8.4	NJ	16	NJ
Aroclor-1016	µg/kg-ww												
Aroclor-1221	µg/kg-ww												
Aroclor-1248	µg/kg-ww												
Aroclor-1254 & Aroclor 1260	µg/kg-ww												
Aroclor-1254	µg/kg-ww			3,600									
Aroclor-1260	µg/kg-ww												
beta-BHC	µg/kg-ww		U	5.0	U	1.6	U	1.6	U	1.6	U	1.7	U
Chlordane (Sum)	µg/kg-ww		U	100	U	33		1.6	U	8.4		16	
cis-Chlordane	µg/kg-ww												
DDT and metabolites (Sum)	µg/kg-ww		U	5.0	U	588		56		76		143	
delta-BHC	µg/kg-ww		U	5.0	U	1.7	NJ	1.6	U	2.4	NJ	2.8	NJ
Dieldrin & Aldrin	µg/kg-ww												
Dieldrin	µg/kg-ww		U	5.0	U	3.1	U	3.2	U	7.0	NJ	3.3	U
Endosulfan I	µg/kg-ww		U	5.0	U	1.6	U	3.5	NJ	4.6	NJ	7.5	NJ
Endosulfan II	µg/kg-ww		U	5.0	U	3.1	U	3.2	U	3.2	U	3.3	U
Endosulfan sulfate	µg/kg-ww		U	5.0	U	3.1	U	4.2	NJ	3.2	U	3.3	U
Endrin aldehyde	µg/kg-ww		U	5.0	U	3.1	U	3.2	U	3.2	U	3.3	U
Endrin ketone	µg/kg-ww												
Endrin	µg/kg-ww		U	5.0	U								
gamma-BHC (Lindane)	µg/kg-ww		U	5.0	U	1.6	U	1.6	U	1.6	U	1.7	U
gamma-Chlordane	µg/kg-ww					1.6	U	1.6	U	1.6	U	1.7	U
Heptachlor and Heptachlor epoxide (Sum)	µg/kg-ww		U	5.0	U	1.6	U	1.6	U	1.6	U	4.0	
Heptachlor epoxide	µg/kg-ww		U	5.0	U	1.6	U	1.6	U	1.6	U	4.0	NJ
Heptachlor	µg/kg-ww		U	5.0	U	1.6	U	1.6	U	1.6	U	1.7	U
Methoxychlor	µg/kg-ww					16	U	16	U	16	U	17	U
Methoxychlordane	µg/kg-ww		U	250	U								
Mirex & Photomirex	µg/kg-ww												

Table I-6 C. (cont.)

		Date		**7/16/92**		**10/6/92**		**10/6/92**		**10/6/92**		**10/6/92**			
		Station		**220**		**220**		**220**		**220**		**220**			
		Source		**NYSDEC**		**Allied**		**Allied**		**Allied**		**Allied**			
		Species		**SMB**		**CATF**		**SMB**		**WEYE**		**WP**			
		Sample		**Whole**		**Composite (Adult)**		**Composite (Adult)**		**Composite (Adult)**		**Composite (Adult)**			
		Number of Analysis		**1**		**1**		**1**		**1**		**1**			
		Individual Number		**--**		**4**		**4**		**3**		**3**			
		Length mm		**400**		**432**		**329**		**540**		**203**			
		Weight g		**819**		**739**		**339**		**984**		**136**			
		Sex		**--**		**M**		**M**		**F**		**F**			
Analyte	**Units**	**Age**		**0**		**0**		**6**		**5**		**4**			
Mirex	µg/kg-ww														
Oxychlordane	µg/kg-ww														
PCBs (Sum)	µg/kg-ww			3,600											
Photomirex	µg/kg-ww														
Sum of a, b, g, d-Hexachlorocyclohexane	µg/kg-ww														
Total Chlordane	µg/kg-ww		U	100	U										
Total DDT	µg/kg-ww														
Total PCB	µg/kg-ww			3,600											
Toxaphene	µg/kg-ww		U	500	U	160	U	160	U	160	U	170	U		
trans-Chlordane	µg/kg-ww														
Transnonachlor	µg/kg-ww														

Table I-6 D. 1992 Onondaga Lake Fish Data, Organic Compounds and Dioxins/Furans

		Source	NYSDEC	NYSDEC	NYSDEC	NYSDEC	NYSDEC	NYSDEC	NYSDEC	NYSDEC	NYSDEC
		Species	SMB	WP	WP	SMB	SMB	SMB	SMB	SMB	SMB
		Sample	Whole	Whole	Whole	Whole	Fillet	Fillet	Fillet	Fillet	Fillet
		Number of Analyses	2	3	4	1	1	1	1	1	1
		Individual Number	--	--	--	--	--	--	--	--	--
		Length (mm)	330	230	197	400	352	415	330	437	455
		Weight (g)	403	207	126	819	500	450	460	1,050	1,100
		Sex	--	--	--	--	U	U	F	U	F
Analyte	Units	Age (yrs)	--	--	--	--	6	7	6	9	10
1,2,4,5-Tetrachlorobenzene	µg/kg-ww		26 U	25 U	27 U	25 U					
1,2,4-Trichlorobenzene	µg/kg-ww		26 U	25 U	27 U	25 U					
1,2-Dichlorobenzene	µg/kg-ww		26 U	25 U	27 U	25 U					
1,3-Dichlorobenzene	µg/kg-ww		26 U	25 U	27 U	25 U					
1,4-Dichlorobenzene	µg/kg-ww		26 U	25 U	27 U	25 U					
1-Methylnaphthalene	µg/kg-ww										
1-Naphthylamine	µg/kg-ww		26 U	25 U	27 U	25 U					
1-Nitrosodibutylamine	µg/kg-ww		26 U	25 U	27 U	25 U					
1-Nitroso-di-phenylamine	µg/kg-ww		26 U	25 U	27 U	25 U					
1-Nitrosopiperidine	µg/kg-ww		26 U	25 U	27 U	25 U					
2,2'-Oxybis(1-chloropropane)	µg/kg-ww		26 U	25 U	27 U	25 U					
2,3,4,6,-Tetrachlorophenol	µg/kg-ww		51 U	49 U	54 U	50 U					
2,4,5-Trichlorophenol	µg/kg-ww		51 U	49 U	54 U	50 U					
2,4,6-Trichlorophenol	µg/kg-ww		51 U	49 U	54 U	50 U					
2,4-Dichlorophenol	µg/kg-ww		51 U	49 U	54 U	50 U					
2,4-Dimethylphenol	µg/kg-ww		51 U	49 U	54 U	50 U					
2,4-Dinitrophenol	µg/kg-ww		51 U	49 U	54 U	50 U					
2,4-Dinitrotoluene	µg/kg-ww		26 U	25 U	27 U	25 U					
2,6-Dichlorophenol	µg/kg-ww		51 U	49 U	54 U	50 U					
2,6-Dinitrotoluene	µg/kg-ww										
2-Chloronaphthalene	µg/kg-ww		26 U	25 U	27 U	25 U					
2-Chlorophenol	µg/kg-ww		51 U	49 U	54 U	50 U					
2-Methyl-4,6-dinitrophenol	µg/kg-ww										
2-Methylnaphthalene	µg/kg-ww		26 U	25 U	27 U	25 U					
2-Methylphenol	µg/kg-ww		51 U	49 U	54 U	50 U					
2-Nitroaniline	µg/kg-ww		26 U	25 U	27 U	25 U					
2-Nitrophenol	µg/kg-ww		51 U	49 U	54 U	50 U					
2-Picoline	µg/kg-ww		26 U	25 U	27 U	25 U					
3,3-Dichlorobenzidine	µg/kg-ww		26 U	25 U	27 U	25 U					
3-Methylchloranthrene	µg/kg-ww		26 U	25 U	25 U	25 U					
3-Nitroaniline	µg/kg-ww										
4,3-Methylphenol	µg/kg-ww		51 U	49 U	54 U	50 U					
4,6-Dinitro-2-methylphenol	µg/kg-ww		51 U	49 U	54 U	50 U					
4-Aminobiphenyl	µg/kg-ww		26 U	25 U	27 U	25 U					
4-Bromophenyl-phenyl ether	µg/kg-ww		26 U	25 U	27 U	25 U					
4-Chloro-3-methylphenol	µg/kg-ww		51 U	49 U	54 U	50 U					

Table I-6 D. (cont.)

		Source	NYSDEC	NYSDEC	NYSDEC	NYSDEC	NYSDEC	NYSDEC	NYSDEC	NYSDEC	NYSDEC
		Species	SMB	WP	WP	SMB	SMB	SMB	SMB	SMB	SMB
		Sample	Whole	Whole	Whole	Whole	Fillet	Fillet	Fillet	Fillet	Fillet
		Number of Analyses	2	3	4	1	1	1	1	1	1
		Individual Number	--	--	--	--	--	--	--	--	--
		Length (mm)	330	230	197	400	352	415	330	437	455
		Weight (g)	403	207	126	819	500	450	460	1,050	1,100
		Sex	--	--	--	--	U	U	F	U	F
Analyte	Units	Age (yrs)	--	--	--	--	6	7	6	9	10
4-Chloroaniline	µg/kg-ww		26 U	25 U	27 U	25 U					
4-Chlorophenyl-phenyl ether	µg/kg-ww		26 U	25 U	27 U	25 U					
4-Methylphenol	µg/kg-ww										
4-Nitroaniline	µg/kg-ww		26 U	25 U	27 U	25 U					
4-Nitrophenol	µg/kg-ww		51 U	49 U	54 U	50 U					
7,12-Dimethylbenzo(a)anthracene	µg/kg-ww		26 U	25 U	27 U	25 U					
Acenaphthene	µg/kg-ww		26 U	25 U	27 U	25 U					
Acenaphthylene	µg/kg-ww										
Aniline	µg/kg-ww		26 U	25 U	27 U	25 U					
Anthracene	µg/kg-ww		26 U	25 U	27 U	25 U					
Azobenzene	µg/kg-ww		26 U	25 U	27 U	25 U					
Benzidine	µg/kg-ww		26 U	25 U	27 U	25 U					
Benz(a)anthracene	µg/kg-ww		26 U	25 U	27 U	25 U					
Benzo(a)pyrene	µg/kg-ww		26 U	25 U	27 U	25 U					
Benzo(b)fluoranthene	µg/kg-ww		26 U	25 U	27 U	25 U					
Benzo(g,h,i)perylene	µg/kg-ww		26 U	25 U	27 U	25 U					
Benzo(k)fluoranthene	µg/kg-ww		26 U	25 U	27 U	25 U					
Benzoic Acid	µg/kg-ww		51 U	49 U	54 U	50 U					
Benzyl Alcohol	µg/kg-ww		51 U	49 U	54 U	50 U					
Bis(2-chloroethoxy)methane	µg/kg-ww		26 U	25 U	27 U	25 U					
Bis(2-chloroethyl)ether	µg/kg-ww		26 U	25 U	27 U	25 U					
Bis(2-ethylhexyl)phthalate	µg/kg-ww		26 U	44	66	25 U					
Butylbenzylphthalate	µg/kg-ww		26 U	25 U	27 U	25 U					
Carbazole	µg/kg-ww										
Chrysene	µg/kg-ww		26 U	25 U	27 U	25 U					
Dibenz(a,h)anthracene	µg/kg-ww		26 U	25 U	27 U	25 U					
Dibenz(a,j)acridine	µg/kg-ww		26 U	25 U	25 U	25 U					
Dibenzofuran	µg/kg-ww		26 U	25 U	27 U	25 U					
Diethylphthalate	µg/kg-ww		26 U	25 U	27 U	25 U					
Dimethylphthalate	µg/kg-ww		26 U	25 U	27 U	25 U					
Di-n-butylphthalate	µg/kg-ww		55	44	68	55					
Di-n-octylphthalate	µg/kg-ww		26 U	25 U	27 U	25 U					
Diphenylhydrazine	µg/kg-ww		26 U	25 U	27 U	25 U					
Ethylmethane-sulfonate	µg/kg-ww		26 U	25 U	27 U	25 U					
Fluoranthene	µg/kg-ww		26 U	25 U	27 U	25 U					
Fluorene	µg/kg-ww		26 U	25 U	27 U	25 U					
Hexachlorobenzene	µg/kg-ww		26 U	25 U	27 U	25 U	3.0	3.0	2.0	7.0	2.0
Hexachlorobutadiene	µg/kg-ww		26 U	25 U	27 U	25 U					
Hexachlorocyclopentadiene	µg/kg-ww		26 U	25 U	27 U	25 U					

Table I-6 D. (cont.)

		Source	NYSDEC	NYSDEC	NYSDEC	NYSDEC	NYSDEC	NYSDEC	NYSDEC	NYSDEC	NYSDEC
		Species	SMB	WP	WP	SMB	SMB	SMB	SMB	SMB	SMB
		Sample	Whole	Whole	Whole	Whole	Fillet	Fillet	Fillet	Fillet	Fillet
		Number of Analyses	2	3	4	1	1	1	1	1	1
		Individual Number	--	--	--	--	--	--	--	--	--
		Length (mm)	330	230	197	400	352	415	330	437	455
		Weight (g)	403	207	126	819	500	450	460	1,050	1,100
		Sex	--	--	--	--	U	U	F	U	F
Analyte	**Units**	**Age (yrs)**	--	--	--	--	6	7	6	9	10
Hexachloroethane	µg/kg-ww		26 U	25 U	27 U	25 U					
Indeno(1,2,3-cd)pyrene	µg/kg-ww		26 U	25 U	27 U	25 U					
Isophorone	µg/kg-ww		26 U	25 U	27 U	25 U					
Methylmethane-sulfonate	µg/kg-ww		26 U	25 U	27 U	25 U					
Naphthalene	µg/kg-ww		26 U	25 U	27 U	25 U					
Nitrobenzene	µg/kg-ww		26 U	25 U	27 U	25 U					
N-nitroso-di-n-propylamine	µg/kg-ww		25 U	25 U	27 U	25 U					
N-Nitrosodiphenylamine(1)	µg/kg-ww		26 U	25 U	27 U	25 U					
p-Dimethylaminoazobenzene	µg/kg-ww		26 U	25 U	27 U	25 U					
Pentachloronitrobenzene	µg/kg-ww		26 U	25 U	27 U	25 U					
Pentachlorophenol	µg/kg-ww		51 U	49 U	54 U	50 U					
Phenacetin	µg/kg-ww		26 U	25 U	27 U	25 U					
Phenanthrene	µg/kg-ww		26 U	25 U	27 U	25 U					
Phenol	µg/kg-ww		51 U	49 U	54 U	50 U					
Pronamide	µg/kg-ww		26 U	25 U	27 U	25 U					
Pyrene	µg/kg-ww		26 U	25 U	27 U	25 U					
1,1,1-Trichloroethane	µg/kg-ww										
1,1,2,2-Tetrachloroethane	µg/kg-ww										
1,1,2-Trichloroethane	µg/kg-ww										
1,1-Dichloroethane	µg/kg-ww										
1,1-Dichloroethene	µg/kg-ww										
1,2-Dichloroethane	µg/kg-ww										
1,2-Dichloroethene (Total)	µg/kg-ww										
1,2-Dichloropropane	µg/kg-ww										
2-Butanone	µg/kg-ww										
2-Hexanone	µg/kg-ww										
4-Methyl-2-pentanone	µg/kg-ww										
Acetone	µg/kg-ww										
Benzene	µg/kg-ww										
Bromodichloromethane	µg/kg-ww										
Bromoform	µg/kg-ww										
Bromomethane	µg/kg-ww										
Carbon disulfide	µg/kg-ww										
Carbon Tetrachloride	µg/kg-ww										
Chlorobenzene	µg/kg-ww										
Chloroethane	µg/kg-ww										
Chloroform	µg/kg-ww										
Chloromethane	µg/kg-ww										
Cis-1,3-dichloropropene	µg/kg-ww										

Table I-6 D. (cont.)

		Source	NYSDEC	NYSDEC	NYSDEC	NYSDEC	NYSDEC	NYSDEC	NYSDEC	NYSDEC	NYSDEC
		Species	SMB	WP	WP	SMB	SMB	SMB	SMB	SMB	SMB
		Sample	Whole	Whole	Whole	Whole	Fillet	Fillet	Fillet	Fillet	Fillet
		Number of Analyses	2	3	4	1	1	1	1	1	1
		Individual Number	--	--	--	--	--	--	--	--	--
		Length (mm)	330	230	197	400	352	415	330	437	455
		Weight (g)	403	207	126	819	500	450	460	1,050	1,100
		Sex	--	--	--	--	U	U	F	U	F
Analyte	**Units**	**Age (yrs)**	--	--	--	--	6	7	6	9	10
Dibromochloromethane	µg/kg-ww										
Ethylbenzene	µg/kg-ww										
Isopropanol	µg/kg-ww										
Methylene chloride	µg/kg-ww										
Pentachloro benzene	µg/kg-ww		26 U	25 U	27 U	25 U					
Styrene	µg/kg-ww										
Tetrachloroethene	µg/kg-ww										
Toluene	µg/kg-ww										
Trans-1,3-dichloropropene	µg/kg-ww										
Trichloroethene	µg/kg-ww										
Vinyl chloride	µg/kg-ww										
Xylene (Total)	µg/kg-ww										
Dioxin and Furans											
2,3,7,8-Tetra-chlorodibenzo-dioxin	µg/kg-ww		3.8E-03 U	4.0E-03 U	4.8E-03 U	3.6E-03 U					
2,3,7,8-Tetrachlorodibenzofuran	µg/kg-ww		2.9E-03 U	2.9E-02	5.4E-02	1.3E-02					
Octachlorodibenzodioxin	µg/kg-ww		1.1E-02 U	1.1E-02 U	7.1E-03 U	1.0E-02 U					
Octachlorodibenzofuran	µg/kg-ww		1.0E-02 U	5.8E-03 U	7.0E-03 U	8.3E-03 U					
Sum of Heptachlorodibenzofurans	µg/kg-ww		2.2E-02 U	2.7E-02 U	2.1E-02 U	3.1E-02 U					
Sum of Hexachlorodibenzodioxins	µg/kg-ww		8.4E-03 U	6.8E-03 U	7.1E-03 U	8.6E-03 U					
Sum of Hexachlorodibenzofurans	µg/kg-ww		5.9E-03 U	3.9E-03 U	4.6E-03 U	5.1E-03 U					
Sum of Pentachlorodibenzofurans	µg/kg-ww		4.5E-03 U	2.3E-02	3.2E-02	4.6E-03 U					
TEQ (1/2 DL) Avian	µg/kg-ww		3.4E-03 U	3.1E-02	5.6E-02	1.5E-02					
TEQ (1/2 DL) Mammalian	µg/kg-ww		2.0E-03 U	4.9E-03	7.8E-03	3.1E-03					
Total Heptachlorodibenzodioxins	µg/kg-ww		1.0E-02 U	7.3E-03 U	7.3E-03 U	1.0E-02 U					
Total Pentachlorodibenzodioxins	µg/kg-ww		7.7E-03 U	5.9E-03 U	8.5E-03 U	7.9E-03 U					
Total Tetrachlorodibenzodioxins	µg/kg-ww		4.8E-03 U	4.0E-03 U	4.8E-03 U	4.1E-03 U					
Total Tetrachlorodibenzofurans	µg/kg-ww		3.8E-03 U	2.9E-02	6.1E-02	1.3E-02					

Table I-6 D. (cont.)

Analyte	Units	Source	NYSDEC	NYSDEC	NYSDEC	NYSDEC	NYSDEC	Allied	Allied	Allied	Allied
		Species	WEYE	WEYE	WEYE	WEYE	WEYE	CATF Composite	SMB Composite	WEYE Composite	WP Composite
		Sample	Fillet	Fillet	Fillet	Fillet	Fillet	(Adult)	(Adult)	(Adult)	(Adult)
		Number of Analyses	1	1	1	1	1	1	1	1	1
		Individual Number	--	--	--	--	--	4	4	3	3
		Length (mm)	460	540	550	571	665	432	329	540	203
		Weight (g)	980	1560	1890	2860	3100	739	339	984	136
		Sex	M	F	F	M	F	M	M	F	F
		Age	9	7	6	9	8	--	6	5	4
1,2,4,5-Tetrachlorobenzene	µg/kg-ww										
1,2,4-Trichlorobenzene	µg/kg-ww							150 U	160 U	150 U	160 U
1,2-Dichlorobenzene	µg/kg-ww							150 U	160 U	150 U	160 U
1,3-Dichlorobenzene	µg/kg-ww							150 U	160 U	150 U	160 U
1,4-Dichlorobenzene	µg/kg-ww							58	160 U	37	41
1-Methylnaphthalene	µg/kg-ww							2,300	1,300	520	890
1-Naphthylamine	µg/kg-ww										
1-Nitrosodibutylamine	µg/kg-ww										
1-Nitroso-di-phenylamine	µg/kg-ww										
1-Nitrosopiperidine	µg/kg-ww										
2,2'-Oxybis(1-chloropropane)	µg/kg-ww							150 UJ	160 UJ	150 UJ	160 UJ
2,3,4,6,-Tetrachlorophenol	µg/kg-ww										
2,4,5-Trichlorophenol	µg/kg-ww							390 UR	2,000 UR	3,900 UR	4,000 UR
2,4,6-Trichlorophenol	µg/kg-ww							150 UR	780 UR	1,500 UR	1,600 UR
2,4-Dichlorophenol	µg/kg-ww							150 UR	780 UR	1,500 UR	1,600 UR
2,4-Dimethylphenol	µg/kg-ww							150 UR	780 UR	1,500 UR	1,600 UR
2,4-Dinitrophenol	µg/kg-ww							390 UR	2,000 UR	3,900 UR	4,000 UR
2,4-Dinitrotoluene	µg/kg-ww							150 U	160 U	150 U	160 U
2,6-Dichlorophenol	µg/kg-ww										
2,6-Dinitrotoluene	µg/kg-ww							150 U	160 U	150 U	160 U
2-Chloronaphthalene	µg/kg-ww							150 U	160 U	150 U	160 U
2-Chlorophenol	µg/kg-ww							150 UR	780 UR	1,500 UR	1,600 UR
2-Methyl-4,6-dinitrophenol	µg/kg-ww							390 UR	2,000 UR	3,800 UR	4,000 UR
2-Methylnaphthalene	µg/kg-ww							150 U	160 U	150 U	160 U
2-Methylphenol	µg/kg-ww							150 UR	780 UR	1,500 UR	1,600 UR
2-Nitroaniline	µg/kg-ww							390 U	390 U	390 U	400 U
2-Nitrophenol	µg/kg-ww							150 UR	780 UR	1,500 UR	1,600 UR
2-Picoline	µg/kg-ww										
3,3-Dichlorobenzidine	µg/kg-ww							150 UJ	160 U	150 U	160 U
3-Methylchloranthrene	µg/kg-ww										
3-Nitroaniline	µg/kg-ww							390 U	390 U	390 U	400 U
4,3-Methylphenol	µg/kg-ww										
4,6-Dinitro-2-methylphenol	µg/kg-ww										
4-Aminobiphenyl	µg/kg-ww										
4-Bromophenyl-phenyl ether	µg/kg-ww							150 U	160 U	150 U	160 U
4-Chloro-3-methylphenol	µg/kg-ww							150 UR	780 UR	1,500 UR	1,600 UR

Table I-6 D. (cont.)

Analyte	Units	Source	NYSDEC	NYSDEC	NYSDEC	NYSDEC	NYSDEC	Allied	Allied	Allied	Allied
		Species	WEYE	WEYE	WEYE	WEYE	WEYE	CATF Composite	SMB Composite	WEYE Composite	WP Composite
		Sample	Fillet	Fillet	Fillet	Fillet	Fillet	(Adult)	(Adult)	(Adult)	(Adult)
		Number of Analyses	1	1	1	1	1	1	1	1	1
		Individual Number	--	--	--	--	--	4	4	3	3
		Length (mm)	460	540	550	571	665	432	329	540	203
		Weight (g)	980	1560	1890	2860	3100	739	339	984	136
		Sex	M	F	F	M	F	M	M	F	F
		Age	9	7	6	9	8	--	6	5	4
4-Chloroaniline	µg/kg-ww							150 U	160 U	150 U	160 U
4-Chlorophenyl-phenyl ether	µg/kg-ww							150 U	160 U	150 U	160 U
4-Methylphenol	µg/kg-ww							150 UR	780 UR	1,500 UR	1,600 UR
4-Nitroaniline	µg/kg-ww							390 U	390 U	390 U	400 U
4-Nitrophenol	µg/kg-ww							390 UR	2,000 UR	3,900 UR	4,000 UR
7,12-Dimethylbenzo(a)anthracene	µg/kg-ww										
Acenaphthene	µg/kg-ww							150 U	160 U	150 U	160 U
Acenaphthylene	µg/kg-ww							150 U	160 U	150 U	160 U
Aniline	µg/kg-ww										
Anthracene	µg/kg-ww							150 U	160 U	150 U	160 U
Azobenzene	µg/kg-ww										
Benzidine	µg/kg-ww										
Benz(a)anthracene	µg/kg-ww							150 UJ	160 U	150 U	160 U
Benzo(a)pyrene	µg/kg-ww							150 UJ	160 U	150 U	160 U
Benzo(b)fluoranthene	µg/kg-ww							150 UJ	160 U	150 U	160 U
Benzo(g,h,i)perylene	µg/kg-ww							150 UJ	160 U	150 U	160 U
Benzo(k)fluoranthene	µg/kg-ww							150 UJ	160 U	150 U	160 U
Benzoic Acid	µg/kg-ww										
Benzyl Alcohol	µg/kg-ww										
Bis(2-chloroethoxy)methane	µg/kg-ww							150 U	160 U	150 U	160 U
Bis(2-chloroethyl)ether	µg/kg-ww							150 U	160 U	150 U	160 U
Bis(2-ethylhexyl)phthalate	µg/kg-ww							150 JU	2,300	420 U	430 U
Butylbenzylphthalate	µg/kg-ww							150 UJ	160 U	150 U	160 U
Carbazole	µg/kg-ww							150 U	160 U	150 U	160 U
Chrysene	µg/kg-ww							150 UJ	160 U	150 U	160 U
Dibenz(a,h)anthracene	µg/kg-ww							150 UJ	160 U	150 U	160 U
Dibenz(a,j)acridine	µg/kg-ww										
Dibenzofuran	µg/kg-ww							150 U	160 U	150 U	160 U
Diethylphthalate	µg/kg-ww							150 U	160 U	150 U	160 U
Dimethylphthalate	µg/kg-ww							150 U	160 U	150 U	160 U
Di-n-butylphthalate	µg/kg-ww							150 U	160 U	150 U	160 U
Di-n-octylphthalate	µg/kg-ww							150 UJ	160 U	150 U	160 U
Diphenylhydrazine	µg/kg-ww										
Ethylmethane-sulfonate	µg/kg-ww										
Fluoranthene	µg/kg-ww							150 U	160 U	150 U	160 U
Fluorene	µg/kg-ww							150 U	160 U	150 U	160 U
Hexachlorobenzene	µg/kg-ww		7.0	10	9.0	22	25	47	160 U	150 U	160 U
Hexachlorobutadiene	µg/kg-ww							150 UJ	160 UJ	150 UJ	160 UJ
Hexachlorocyclopentadiene	µg/kg-ww							150 UJ	160 UJ	150 UJ	160 UJ

Table I-6 D. (cont.)

Analyte	Units	Source	NYSDEC WEYE	NYSDEC WEYE	NYSDEC WEYE	NYSDEC WEYE	NYSDEC WEYE	Allied CATF Composite (Adult)	Allied SMB Composite (Adult)	Allied WEYE Composite (Adult)	Allied WP Composite (Adult)
		Species									
		Sample	Fillet	Fillet	Fillet	Fillet	Fillet				
		Number of Analyses	1	1	1	1	1	1	1	1	1
		Individual Number	--	--	--	--	--	4	4	3	3
		Length (mm)	460	540	550	571	665	432	329	540	203
		Weight (g)	980	1560	1890	2860	3100	739	339	984	136
		Sex	M	F	F	M	F	M	M	F	F
		Age	9	7	6	9	8	--	6	5	4
Hexachloroethane	µg/kg-ww							150 U	160 U	150 U	160 U
Indeno(1,2,3-cd)pyrene	µg/kg-ww							150 UJ	160 U	150 U	160 U
Isophorone	µg/kg-ww							150 U	160 U	150 U	160 U
Methylmethane-sulfonate	µg/kg-ww										
Naphthalene	µg/kg-ww							61	160 U	150 U	160 U
Nitrobenzene	µg/kg-ww							150 U	160 U	150 U	160 U
N-nitroso-di-n-propylamine	µg/kg-ww							150 UJ	160 UJ	150 UJ	160 UJ
N-Nitrosodiphenylamine(1)	µg/kg-ww							150 U	160 U	150 U	160 U
p-Dimethylaminoazobenzene	µg/kg-ww										
Pentachloronitrobenzene	µg/kg-ww										
Pentachlorophenol	µg/kg-ww							390 UR	2,000 UR	3,900 UR	4,000 UR
Phenacetin	µg/kg-ww										
Phenanthrene	µg/kg-ww							150 U	160 U	150 U	160 U
Phenol	µg/kg-ww							150 UR	780 UR	1,500 UR	1,600 UR
Pronamide	µg/kg-ww										
Pyrene	µg/kg-ww							150 UJ	160 U	150 U	160 U
1,1,1-Trichloroethane	µg/kg-ww							10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	µg/kg-ww							10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	µg/kg-ww							10 U	10 U	10 U	10 U
1,1-Dichloroethane	µg/kg-ww							10 U	10 U	10 U	10 U
1,1-Dichloroethene	µg/kg-ww							10 U	10 U	10 U	10 U
1,2-Dichloroethane	µg/kg-ww							10 U	10 U	10 U	10 U
1,2-Dichloroethene (Total)	µg/kg-ww							10 U	10 U	10 U	10 U
1,2-Dichloropropane	µg/kg-ww							10 U	10 U	10 U	10 U
2-Butanone	µg/kg-ww							10 UJ	8.0 J	6.0 J	10 UJ
2-Hexanone	µg/kg-ww							10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	µg/kg-ww							10 U	10 U	10 U	10 U
Acetone	µg/kg-ww							50 J	180 J	70 J	160 J
Benzene	µg/kg-ww							10 U	10 U	10 U	10 U
Bromodichloromethane	µg/kg-ww							10 U	10 U	10 U	10 U
Bromoform	µg/kg-ww							10 U	10 U	10 U	10 U
Bromomethane	µg/kg-ww							10 U	10 U	10 U	10 U
Carbon disulfide	µg/kg-ww							10 UJ	10 UJ	10 UJ	10 UJ
Carbon Tetrachloride	µg/kg-ww							10 U	10 U	10 U	10 U
Chlorobenzene	µg/kg-ww							10 U	10 U	10 U	10 U
Chloroethane	µg/kg-ww							10 U	10 U	10 U	10 U
Chloroform	µg/kg-ww							10 U	10 U	10 U	10 U
Chloromethane	µg/kg-ww							10 U	10 U	10 U	10 U
Cis-1,3-dichloropropene	µg/kg-ww							10 U	10 U	10 U	10 U

Table I-6 D. (cont.)

Analyte	Units	Source	NYSDEC	NYSDEC	NYSDEC	NYSDEC	NYSDEC	Allied	Allied	Allied	Allied
		Species	WEYE	WEYE	WEYE	WEYE	WEYE	CATF Composite	SMB Composite	WEYE Composite	WP Composite
		Sample	Fillet	Fillet	Fillet	Fillet	Fillet	(Adult)	(Adult)	(Adult)	(Adult)
		Number of Analyses	1	1	1	1	1	1	1	1	1
		Individual Number	--	--	--	--	--	4	4	3	3
		Length (mm)	460	540	550	571	665	432	329	540	203
		Weight (g)	980	1560	1890	2860	3100	739	339	984	136
		Sex	M	F	F	M	F	M	M	F	F
		Age	9	7	6	9	8	--	6	5	4
Dibromochloromethane	µg/kg-ww							10 U	10 U	10 U	10 U
Ethylbenzene	µg/kg-ww							10 U	10 U	10 U	10 U
Isopropanol	µg/kg-ww							8.0	13	8.0	
Methylene chloride	µg/kg-ww							10 U	10 U	10 U	10 U
Pentachloro benzene	µg/kg-ww										
Styrene	µg/kg-ww							10 U	10 U	10 U	10 U
Tetrachloroethene	µg/kg-ww							10 U	10 U	10 U	10 U
Toluene	µg/kg-ww							10 U	5.0 J	10 U	10 U
Trans-1,3-dichloropropene	µg/kg-ww							10 U	10 U	10 U	10 U
Trichloroethene	µg/kg-ww							10 U	10 U	10 U	10 U
Vinyl chloride	µg/kg-ww							10 U	10 U	10 U	10 U
Xylene (Total)	µg/kg-ww							10 U	10 U	10 U	10 U
Dioxin and Furans											
2,3,7,8-Tetra-chlorodibenzo-dioxin	µg/kg-ww										
2,3,7,8-Tetrachlorodibenzofuran	µg/kg-ww										
Octachlorodibenzodioxin	µg/kg-ww										
Octachlorodibenzofuran	µg/kg-ww										
Sum of Heptachlorodibenzofurans	µg/kg-ww										
Sum of Hexachlorodibenzodioxins	µg/kg-ww										
Sum of Hexachlorodibenzofurans	µg/kg-ww										
Sum of Pentachlorodibenzofurans	µg/kg-ww										
TEQ (1/2 DL) Avian	µg/kg-ww										
TEQ (1/2 DL) Mammalian	µg/kg-ww										
Total Heptachlorodibenzodioxins	µg/kg-ww										
Total Pentachlorodibenzodioxins	µg/kg-ww										
Total Tetrachlorodibenzodioxins	µg/kg-ww										
Total Tetrachlorodibenzofurans	µg/kg-ww										

Table I-7. 1992 Fish from Onondaga Lake Tributaries

Date	Station	Source	Species	Sample	Number of Analysis	Individual Number	Length mm	Weight g	Sex	Age	Percent moisture %-ww	Lipid %-ww	Percent lipid %-ww	Ionic mercury µg/kg-ww	Methyl mercury µg/kg-ww
7/16/92	700	NYSDEC	CP	Fillet	1	--	545	2,727	--	--	73		1.1		
7/16/92	700	NYSDEC	CP	Fillet	1	--	660	4,091	--	--	73		3		
7/16/92	700	NYSDEC	CP	Whole Fish	1	--	508	2,386	--	--	78		1.2		
7/16/92	700	NYSDEC	CP	Whole Fish	1	--	550	2,727	--	--	76		2.3		
7/16/92	700	NYSDEC	LDAC	Whole Fish	14	--	56	22	--	--			0.5		
7/16/92	700	NYSDEC	PKSD	Head and viscera removed	1	--	120	24	--	--			0.1		
7/16/92	700	NYSDEC	WS	Whole Fish	1	--	120	19	--	--			0.1		
7/16/92	700	NYSDEC	GOSH	Whole Fish	1	--	186	83	--	--	80		0.1		
7/16/92	700	NYSDEC	GOSH	Whole Fish	1	--	96	12	--	--			0.1		
7/16/92	700	NYSDEC	LDAC	Whole Fish	25	--	46	--	--	--			0.2		
7/16/92	700	NYSDEC	WS	Whole Fish	1	--	120	17	--	--			0.2		
7/16/92	700	NYSDEC	GOSH	Whole Fish	3	--	65	7	--	--			0.5		
7/16/92	700	NYSDEC	LDAC	Whole Fish	20	--	39	10	--	--			0.1		
7/16/92	700	NYSDEC	PKSD	Head and viscera removed	1	--	77	8.5	--	--			0.1		
7/16/92	700	NYSDEC	PKSD	Head and viscera removed	1	--	84	9.5	--	--			0.1		
7/16/92	700	NYSDEC	PKSD	Head and viscera removed	1	--	95	11	--	--			0.1		
7/16/92	700	NYSDEC	WS	Whole Fish	26	--	40	19	--	--			0.1		
9/2/92	700	Allied	BLUE	Composite (YOY)	1	3	36	0.7	N	--		2.4		13 UJ	69
9/16/92	701	Allied	PKSD	Composite (YOY)	1	8	36	0.6	N	--		2.2		13 U	168
9/4/92	703	Allied	CTAD	Composite (YOY)	1	1	30	0.5	N	--		3.6		11 U	174 J
9/4/92	703	Allied	CTAD	Composite (YOY)	1	1	28	0.3	N	--		2.2		17 U	252
9/12/92	704	Allied	BLUE	Composite (YOY)	1	10	36	0.6	N	--		1.7			165
9/1/92	707	Allied	PKSD	Composite (YOY)	1	1	97	17	N	--		1.6		13 UJ	103
9/3/92	709	Allied	PKSD	Composite (YOY)	1	1	84	11	N	--		1.4		7.4 U	131 J

Table I-7. (cont.)

Date	Station	Source	Species	Sample	Number of Analysis	Individual Number	Length mm	Weight g	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
7/16/92	700	NYSDEC	CP	Standard Fillet	1	--	545	2,727	100 U	200 U			110
7/16/92	700	NYSDEC	CP	Standard Fillet	1	--	660	4,091	100 U	200 U			200
7/16/92	700	NYSDEC	CP	Whole fish	1	--	508	2,386	100 U	200 U			1,100
7/16/92	700	NYSDEC	CP	Whole fish	1	--	550	2,727	100 U	200 U			470
7/16/92	700	NYSDEC	LDAC	Whole fish	14	--	56	22	100 U	200 U			870
7/16/92	700	NYSDEC	PKSD	Head and viscera removed	1	--	120	24	100 U	200 U			320
7/16/92	700	NYSDEC	WS	Whole fish	1	--	120	19	100 U	200 U			460
7/16/92	700	NYSDEC	GOSH	Whole fish	1	--	186	83	100 U	200 U			190
7/16/92	700	NYSDEC	GOSH	Whole fish	1	--	96	12	100 U	200 U			380
7/16/92	700	NYSDEC	LDAC	Whole fish	25	--	46	--	100 U	200 U			240
7/16/92	700	NYSDEC	WS	Whole fish	1	--	120	17	100 U	200 U			820
7/16/92	700	NYSDEC	GOSH	Whole fish	3	--	65	7.0	100 U	200 U			860
7/16/92	700	NYSDEC	LDAC	Whole fish	20	--	39	10	100 U	200 U			100 U
7/16/92	700	NYSDEC	PKSD	Head and viscera removed	1	--	77	8.5	100 U	200 U			1,700
7/16/92	700	NYSDEC	PKSD	Head and viscera removed	1	--	84	9.5	100 U	100 U			110
7/16/92	700	NYSDEC	PKSD	Head and viscera removed	1	--	95	11	500 U	1,000 U			2,400
7/16/92	700	NYSDEC	WS	Whole fish	26	--	40	19	100 U	200 U			100 U
9/2/92	700	Allied	BLUE	Whole organism	1	3	36	0.7	390 U	390 UJ	390 U	390 U	1,900
9/16/92	701	Allied	PKSD	Whole organism	1	8	36	0.6	18 UJ	18 UJ	18 UJ	18 UJ	41 J
9/4/92	703	Allied	CTAD	Whole organism	1	1	30	0.5	53 UJ	53 UJ	53 UJ	53 UJ	120 J
9/4/92	703	Allied	CTAD	Whole organism	1	1	28	0.3	38 UJ	38 UJ	38 UJ	38 UJ	92 J
9/12/92	704	Allied	BLUE	Whole organism	1	10	36	0.6	46 UJ	46 UJ	46 UJ	46 UJ	42 J
9/1/92	707	Allied	PKSD	Whole organism	1	1	97	17	33 UJ	33 UJ	33 UJ	33 UJ	50 J
9/3/92	709	Allied	PKSD	Whole organism	1	1	84	11	33 UJ	33 UJ	33 UJ	33 UJ	33 UJ

Table I-7. (cont.)

Date	Station	Source	Species	Sample	Number of Analysis	Individual Number	Length mm	Weight g	Aroclor-1254 µg/kg-ww	Aroclor-1260 µg/kg-ww	PCBs (Sum) µg/kg-ww
7/16/92	700	NYSDEC	CP	Standard Fillet	1	--	545	2,727	100 U	100 U	160
7/16/92	700	NYSDEC	CP	Standard Fillet	1	--	660	4,091	100 U	100 U	250
7/16/92	700	NYSDEC	CP	Whole fish	1	--	508	2,386	100 U	350	1,450
7/16/92	700	NYSDEC	CP	Whole fish	1	--	550	2,727	100 U	700	1,170
7/16/92	700	NYSDEC	LDAC	Whole fish	14	--	56	22	100 U	330	1,200
7/16/92	700	NYSDEC	PKSD	Head and viscera removed	1	--	120	24	100 U	100 U	370
7/16/92	700	NYSDEC	WS	Whole fish	1	--	120	19	100 U	100 U	510
7/16/92	700	NYSDEC	GOSH	Whole fish	1	--	186	83	100 U	100 U	240
7/16/92	700	NYSDEC	GOSH	Whole fish	1	--	96	12	100 U	100 U	430
7/16/92	700	NYSDEC	LDAC	Whole fish	25	--	46	--	100 U	100 U	290
7/16/92	700	NYSDEC	WS	Whole fish	1	--	120	17	100 U	230	1,050
7/16/92	700	NYSDEC	GOSH	Whole fish	3	--	65	7.0	100 U	100 U	910
7/16/92	700	NYSDEC	LDAC	Whole fish	20	--	39	10	100 U	100 U	100 U
7/16/92	700	NYSDEC	PKSD	Head and viscera removed	1	--	77	8.5	100 U	100 U	1,750
7/16/92	700	NYSDEC	PKSD	Head and viscera removed	1	--	84	9.5	100 U	100 U	160
7/16/92	700	NYSDEC	PKSD	Head and viscera removed	1	--	95	11	500 U	500 U	2,650
7/16/92	700	NYSDEC	WS	Whole fish	26	--	40	19	100 U	100 U	100 U
9/2/92	700	Allied	BLUE	Whole organism	1	3	36	0.7	390 UJ	330 J	2,230
9/16/92	701	Allied	PKSD	Whole organism	1	8	36	0.6	18 UJ	29 J	70
9/4/92	703	Allied	CTAD	Whole organism	1	1	30	0.5	53 UJ	51 J	171
9/4/92	703	Allied	CTAD	Whole organism	1	1	28	0.3	38 UJ	51 J	143
9/12/92	704	Allied	BLUE	Whole organism	1	10	36	0.6	46 UJ	35 J	77
9/1/92	707	Allied	PKSD	Whole organism	1	1	97	17	33 UJ	47 J	97
9/3/92	709	Allied	PKSD	Whole organism	1	1	84	11	33 UJ	33 UJ	33 U

Station	Tributary
700	LEY CREEK
701	NINEMILE CREEK
702	WEST FLUME
703	EAST FLUME
704	HARBOR BROOK
705	TRIBUTARY 5A
706	ONONDAGA CREEK
707	BLOODY BROOK
708	BEARTRAP CREEK
709	SAWMILL CREEK
710	GEDDES BROOK

Table I-8A. 1999 Onondaga Lake Surface Water, Conventional Analytes

Date	Station	Depth m	Hydrogen sulfide (μg/L)	Solids- (mg/L)	Sulfate (mg/L)	Sulfides (mg/L)	Chlorophyll-a (μg/L)	Total suspended solids[A] (mg/L-sus)	Total suspended solids[B] (mg/L-sus)	Total suspended solids[C] (mg/L-sus)	Total suspended solids[D] (mg/L-sus)
9/27/99	W1	0	1,000 U	2.7	194	1.0 U	21	3.3	1.6	2.0	3.0
9/27/99	W1	12	5,100	1.9	170	12	11	2.4	0.7		
9/27/99	W1	15	7,200	1.9	162	14	12	2.6	1.0		
9/27/99	W1	18	9,900	2.4	154	20	20	2.6	0.4		
9/27/99	W1	3	1,000 U	2.5	192	1.0 U	22	3.0	2.4		
9/27/99	W1	6	1,000 U	1.4	181	1.0 U	9.2	2.0	0.1 U		
9/27/99	W1	9	1,000 U	2.1	169	1.0 U	8.3	2.9	0.6		
9/27/99	W2	0	1,000 U	3.3	187	1.0 U	29	3.9	0.1 U	2.0	3.0
9/27/99	W2	12	5,000	1.6	174	10	6.9	2.3	0.1 U		
9/27/99	W2	15	6,500	2.4	169	13	8.5	2.8	2.5		
9/27/99	W2	18	1,000 U	2.7	145	1.0 U	12	2.8	0.7		
9/27/99	W2	3	1,000 U	3.4	186	1.0 U	29	4.2	2.7		
9/27/99	W2	6	1,000 U	1.7	197	1.0 U	14	3.0	0.1 U		
9/27/99	W2	9	1,000 U	1.0	184	1.0 U	8.1	1.5	0.3		
9/28/99	W12	2	1,000 UM	3.4 M	197 M	1.0 UM	34 M	3.9 M	0.1 UM		
9/28/99	W50	1								3.0	4.0
9/28/99	W51	0								8.0	9.0
9/28/99	W52	1								3.0	3.0
9/28/99	W53	1								2.9 M	3.2 M
9/28/99	W54	0								3.0	3.0
9/28/99	W55	0								7.0	8.0
9/28/99	W56	1								4.0	4.0
9/28/99	W57	0								9.0	9.0
9/28/99	W58	1								8.0	8.0
10/14/99	W12	1	1,000 U	2.7		1.0 U	16	4.9	3.8		
10/14/99	W12	3	1,000 U	3.4		1.0 U	16	5.4	4.2		
10/15/99	W1	0	1,000 U	1.6	179	1.0 U	19	4.0	3.5		
10/15/99	W1	12	1,000 U	1.9	190	1.0 U	13	3.1	3.8		
10/15/99	W1	15	1,000 U	2.4	173	1.0 U	9.1	3.6	0.5		
10/15/99	W1	18	4,800	3.4	177	7.2	11	3.7	12		
10/15/99	W1	3	1,000 U	2.1	181	1.0 U	16	3.1	5.0		
10/15/99	W1	6	1,000 U	1.9	189	1.0 U	15	3.8	5.0		
10/15/99	W1	9	1,000 UM	1.9 M		1.0 UM	14 M	3.1 M	2.6 M		
10/15/99	W2	0	1,000 U	2.2	189	1.0 U	19	3.4	3.5		
10/15/99	W2	12	1,000 U	1.7		1.0 U	13	2.8	2.8		
10/15/99	W2	15	3,200	1.7		5.2	9.9	2.5	9.5		
10/15/99	W2	18	5,600	2.1		9.9	12	3.6	6.4		
10/15/99	W2	3	1,000 U	0.9		1.0 U	17	2.6	2.2		
10/15/99	W2	6	1,000 U	1.9		1.0 U	17	3.0	2.0		
10/15/99	W2	9	1,000 U	0.9		1.0 U	17	2.6	3.5		
10/25/99	W1	0	1,000 U	1.4	189	1.0 U	10	2.0	2.2		

Table I-8A. (cont.)

Date	Station	Depth m	Hydrogen sulfide (μg/L)	Solids- (mg/L)	Sulfate (mg/L)	Sulfides (mg/L)	Chlorophyll-a (μg/L)	Total suspended solids[A] (mg/L-sus)	Total suspended solids[B] (mg/L-sus)	Total suspended solids[C] (mg/L-sus)	Total suspended solids[D] (mg/L-sus)
10/25/99	W1	12	1,000 U	1.3		1.0 U	8.4	3.2	3.1		
10/25/99	W1	15	1,000 U	0.7	194	1.0 U	7.8	3.1	2.0		
10/25/99	W1	18	1,000 U	1.4	187	1.0 U	6.2	2.7	1.1		
10/25/99	W1	3	1,000 U	0.5	188	1.0 U	9.4	2.4	2.5		
10/25/99	W1	6	1,000 U	1.6	189	1.0 U	9.7	3.4	1.2		
10/25/99	W1	9	1,000 UM	1.6 M		1.0 UM	9.1 M	3.3 M	0.7 M		
10/25/99	W2	0	1,000 U	0	178	1.0 U	9.2	2.0	1.1		
10/25/99	W2	12	1,000 U	1.3	186	1.0 U	8.7	2.7	0.1 U		
10/25/99	W2	15	1,000 U	0.9	190	1.0 U	8.4	3.1	0.1 U		
10/25/99	W2	18	1,000 U	2.3	190	1.0 U	6.2	3.0	1.4		
10/25/99	W2	3	1,000 U	2	179	1.0 U	9.1	2.6	2.0		
10/25/99	W2	6	1,000 U	1.4	145	1.0 U	8.7	2.2	2.0		
10/25/99	W2	9	1,000 U	1	188	1.0 U	9.1	2.5	0.1 U		
10/25/99	W52	1	1,000 U	1.4	181	1.0 U	10	3.1	0.3		
10/25/99	W54	1	1,000 U	2	190	1.0 U	8.1	2.4	0.1 U		
10/26/99	W12	2	1,000 U	0.5	191	1.0 U	8.4	2.9	4.3		
10/26/99	W58	1	1,000 U	1.5	191	1.0 U	10	5.5	4.6		
11/9/99	W1	0	1,000 U	0.9	193	1.0 U	13	1.3	0.7		
11/9/99	W1	12	1,000 UM	1.2 M	186 M	1.0 UM	11 M	2.0 M	0.1 UM		
11/9/99	W1	15	1,000 U	1.6	181	1.0 U	7.9	3.1	0.5		
11/9/99	W1	18	1,000 U	1.5	193	1.0 U	7.2	2.7	0.1 U		
11/9/99	W1	3	1,000 U	1.2	192	1.0 U	13	2.9	1.0		
11/9/99	W1	6	1,000 U	1.3	193	1.0 U	13	2.7	0.7		
11/9/99	W1	9	1,000 U	1.6	180	1.0 U	12	2.5	2.2		
12/2/99	W1	0	1,000 U	2.7		1.0 U	12	4.3	5.0		
12/2/99	W1	12	1,000 UM	2.0 M		1.0 UM	12 M	3.0 M	1.5 M		
12/2/99	W1	15	1,000 U	1.9		1.0 U	12	3.1	2.7		
12/2/99	W1	18	1,000 U	1.3		1.0 U	7.2	2.3	0.7		
12/2/99	W1	3	1,000 U	1.7		1.0 U	12	3.9	4.8		
12/2/99	W1	6	1,000 U	1.5		1.0 U	6.4	3.5	3.5		
12/2/99	W1	9	1,000 U	1.8		1.0 U	13	3.2	2.8		
12/2/99	W12	2	1,000 U	2.4		1.0 U	11	3.5	0.1 U		

Notes:

[A] Suspended solids was analyzed with method 2540D, modified to use a glass filter

[B] Suspended solids was analyzed with method 2540D, modified to use a membrane filter

[C] Suspended solids was analyzed with method E2, modified to use a glass filter

[D] Suspended solids was analyzed with method E2, modified to use a membrane filter

Table I-8B. 1999 Onondaga Lake Surface Water, Metals

Date	Station	Depth m	Chromium (µg/L)	Iron (µg/L)	Iron-dissolved (µg/L - dis)	Lead (µg/L)	Manganese (µg/L)	Manganese (µg/L - dis)	Mercury (ng/L-dis)	Mercury-total (ng/L)	Methylmercury (ng/L)	Methylmercury (ng/L-dis)	Nickel (µg/L)
9/27/99	W1	0	3.5	596	300	1.6 U	30 J	6.0	1.3	14	1.1	0.1	3.6 J
9/27/99	W1	12		273	256		389	410	17	20	6.3	8.2	
9/27/99	W1	15		147	223		420	429	20	20	1.9	1.7	
9/27/99	W1	18		257	131		477	487	24	27	0.6 J	1.2 J	
9/27/99	W1	3		245	110		25	3.0	1.0	5.5	0.7	7.1E-02	
9/27/99	W1	6		160	27		24	2.0	1.0	4.1	0.5	0.1	
9/27/99	W1	9		113	128		230	367	11	13	12	13	
9/27/99	W2	0	3.7	51	28	1.6 U	26 J	6.0	1.0	3.5	0.8	0.2	3.7 J
9/27/99	W2	12		371	204		428	451	15	19	14	15	
9/27/99	W2	15		208	223		392	447	17	20	7.4	5.7	
9/27/99	W2	18		359	222		489	500	19	25	4.9 J	12 J	
9/27/99	W2	3		64	15		28	5.0	1.0	4.1	0.9	0.2	
9/27/99	W2	6		46	58		30	3.0	0.8	4.2	1.1	0.3	
9/27/99	W2	9		107	27		60	4.0	1.2	3.6	1.2	0.6	
9/28/99	W12	2		71 M	21 M		29 M	3.5 M	0.5 M	4.4 M	1.4 M	0.3 M	
9/28/99	W50	1	3.9			3.1	21 J		1.8	12	1.0	0.4	4.6 J
9/28/99	W51	0	3.7			1.6 U	27 J		1.7	11	0.8	0.3	4.7 J
9/28/99	W52	1	3.5			1.6 U	15 J		2.9	2.3	0.8	0.3	4.2 J
9/28/99	W53	1	3.1 M			1.6 UM	15 M		6.0 M	18 M	0.8 M	0.2 M	4.0 M
9/28/99	W54	0	3.1			1.6 U	14 J		1.2	6.2	0.8	0.2	3.7 J
9/28/99	W55	0	3.8			1.6 U	31 J		1.8	103	1.1	0.3	4.2 J
9/28/99	W56	1	3.6			1.6 U	19 J		2.6	4.8	0.6	0.2	3.5 J
9/28/99	W57	0	3.2			1.6 U	16 J		2.7	10	0.8	0.1	3.9 J
9/28/99	W58	1	3.2			1.6 U	16 J		1.8	8.1	0.8	0.2	4.0 J
10/14/99	W12	1		71	9.0		244	219	4.6	10	5.8	3.0	
10/14/99	W12	3		81	18		257	247	4.2	10	5.9	3.1	
10/15/99	W1	0		125	12		79	14	1.8	6.6	2.8	0.9	
10/15/99	W1	12		133	54		82	15	2.0	8.0	1.9	1.1	
10/15/99	W1	15		152	81		240	239	4.6	10	5.4	3.1	
10/15/99	W1	18		278	124		601	604	21	24	9.4	6.1	
10/15/99	W1	3		141	28		65	8.0	1.9	7.5	2.4	1.1	
10/15/99	W1	6		132	68		69	6.0	2.1	7.7	2.5	1.2	
10/15/99	W1	9		105 M	13 M		86 M	14 M	2.2 M	7.4 M	2.3 M	1.1 M	
10/15/99	W2	0		93	14		105	40	2.5	6.2	3.4	1.4	
10/15/99	W2	12		51	34		155	119	3.0	7.5	3.3	1.8	
10/15/99	W2	15		145	72		474	510	18	20	14	11	
10/15/99	W2	18		182	66		577	556	24	25	12	5.2	
10/15/99	W2	3		46	5.0		116	51	2.3	6.6	2.1	1.2	
10/15/99	W2	6		49	5.0		123	51	2.1	6.8	3.6	1.3	
10/15/99	W2	9		50	46		118	55	1.1	6.6	3.0	1.4	
10/25/99	W1	0		43	2.0		119	35	2.2	6.5	2.8	0.7	

Table I-8B. (cont.)

Date	Station	Depth m	Chromium (µg/L)	Iron (µg/L)	Iron-dissolved (µg/L - dis)	Lead (µg/L)	Manganese (µg/L)	Manganese (µg/L - dis)	Mercury (ng/L-dis)	Mercury-total (ng/L)	Methy mercury (ng/L)	Methylmercury (ng/L-dis)	Nickel (µg/L)
10/25/99	W1	12		45	1.0		128	36	2.2	6.8	0.8	0.6	
10/25/99	W1	15		90	50		136	46	1.7	6.9	2.8	1.2	
10/25/99	W1	18		64	18		185	112	2.4	10	2.8	1.1	
10/25/99	W1	3		39	18		120	35	2.0	6.5	1.9	1.3	
10/25/99	W1	6		41	4.0		126	36	2.3	5.3	3.0	0.9	
10/25/99	W1	9		61 M	3.5 M		93 M	20 M	1.8 M	6.6 M	2.1 M	1.0 M	
10/25/99	W2	0		40	2.0		132	31	1.8	4.8	2.3	1.3	
10/25/99	W2	12		23	0.1 U		104	14	1.7	5.6	2.8	1.2	
10/25/99	W2	15		33	35		103	15	2.1	5.9	2.3	1.2	
10/25/99	W2	18		43	7.0		163	77	2.4	10	4.4	1.6	
10/25/99	W2	3		34	3.0		92	13	1.8	5.8	2.4	1.2	
10/25/99	W2	6		32	0.1 U		97	13	2.1	5.5	2.7	0.8	
10/25/99	W2	9		41	2.0		98	15	2.0	4.9	2.2	0.7	
10/25/99	W52	1		39	0.1 U		87	20	2.6 J	7.5	1.5	1.01	
10/25/99	W54	1		26	0.1 U		102	9.0	2.8 J	6.5	2.4	0.8	
10/26/99	W12	2		36	0.1 U		94	10	2.0	6.3	2.1	0.9	
10/26/99	W58	1		216	25		110	63	2.1 J	14	0.8	0.2	
11/9/99	W1	0		63	12		112	7.0	1.8	11	1.6	0.7	
11/9/99	W1	12		59 M	0.5 UM		101 M	3.0 UM	1.8 M	11 M	1.6 M	0.7 M	
11/9/99	W1	15		70	90		112	7.0	1.9	12	1.7	0.7	
11/9/99	W1	18		82	6.0		109	7.0	1.7	11	1.7	0.8	
11/9/99	W1	3		73	27		106	9.0	2.0	10	1.4	0.7	
11/9/99	W1	6		62	4.0		104	8.0	1.8	12	1.8	0.6	
11/9/99	W1	9		59	0.1 U		110	7.0	1.7	11	1.8	0.6	
12/2/99	W1	0		173	23		61	12	1.3	7.1	1.2	0.4	
12/2/99	W1	12		94 M	3.0 M		69 M	6.5 M	1.5 M	6.8 M	1.3 M	0.6 M	
12/2/99	W1	15			1.0			5.0	1.2	7.2	1.4	0.4	
12/2/99	W1	18		80	7.0		71	9.0	1.4 J	7.2	0.9	0.3	
12/2/99	W1	3		144	9.0		59	11	1.6	7.3	1.0	0.5	
12/2/99	W1	6		113	6.0		61	7.0	1.3	7.4	1.1	0.5	
12/2/99	W1	9		121	12		66	7.0	1.5	6.7	1.1	0.6	
12/2/99	W12	2		63	7.0		90	10	1.8	6.6	1.3 J	0.5 J	

Table I-8C. 1999 Onondaga Lake Surface Water, Organics

Date	Station	Depth m	1,2-Dichlorobenzene (µg/L)	1,4-Dichlorobenzen (µg/L)	Dichlorobenzenes (Sum) (µg/L)	Total alkalinity (mg/L)	1,1,1-Trichloro-ethane (µg/L)	1,1,2,2-Tetrachloro- (µg/L)	1,1,2-Trichloroethan (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2-Dichloroethane (µg/L)	1,2-Dichloropropane (µg/L)
9/27/99	W1	0	0.5 U	0.2 J	0.2	114	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
9/27/99	W1	12				223							
9/27/99	W1	15				236							
9/27/99	W1	18				259							
9/27/99	W1	3				115							
9/27/99	W1	6				116							
9/27/99	W1	9				154							
9/27/99	W2	0	0.5 U	0.2 J	0.2	115	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
9/27/99	W2	12				209							
9/27/99	W2	15				224							
9/27/99	W2	18				229							
9/27/99	W2	3				116							
9/27/99	W2	6				117							
9/27/99	W2	9				119							
9/28/99	W12	2				116 M							
9/28/99	W50	1	3.2	3.4	6.6		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
9/28/99	W51	0	0.1 J	0.3 J	0.4		0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
9/28/99	W52	1	0.5 UJ	0.2 J	0.2		0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
9/28/99	W53	1	0.5 UM	0.2 M	0.2 M		0.5 UM	0.5 UM	0.5 UM	0.5 UM	0.5 UM	0.5 UM	0.5 UM
9/28/99	W54	0	0.5 U	0.2 J	0.2		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
9/28/99	W55	0	0.2 J	0.5	0.7		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
9/28/99	W56	1	0.5 U	0.1 J	0.1		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
9/28/99	W57	0	0.5 UJ	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
9/28/99	W58	1	0.5 U	0.2 J	0.2		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10/14/99	W12	1				154							
10/14/99	W12	3				157							
10/15/99	W1	0				142							
10/15/99	W1	12				142							
10/15/99	W1	15				159							
10/15/99	W1	18				217							
10/15/99	W1	3				140							
10/15/99	W1	6				142							
10/15/99	W1	9				141 M							
10/15/99	W2	0				142							
10/15/99	W2	12				145							
10/15/99	W2	15				203							
10/15/99	W2	18				220							
10/15/99	W2	3				143							
10/15/99	W2	6				142							
10/15/99	W2	9				143							
10/25/99	W1	0				149							

Table I-8C (cont.)

Date	Station	Depth m	1,2-Dichlorobenzene (µg/L)	1,4-Dichlorobenzen (µg/L)	Dichlorobenzenes (Sum) (µg/L)	Total alkalinity (mg/L)	1,1,1-Trichloro-ethane (µg/L)	1,1,2,2-Tetrachloro- (µg/L)	1,1,2-Trichloroethan (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	1,2-Dichloroethane (µg/L)	1,2-Dichloropropane (µg/L)
10/25/99	W1	12				149							
10/25/99	W1	15				149							
10/25/99	W1	18				151							
10/25/99	W1	3				148							
10/25/99	W1	6				148							
10/25/99	W1	9				148 M							
10/25/99	W2	0				148							
10/25/99	W2	12				148							
10/25/99	W2	15				148							
10/25/99	W2	18				149							
10/25/99	W2	3				147							
10/25/99	W2	6				147							
10/25/99	W2	9				147							
10/25/99	W52	1				146							
10/25/99	W54	1				147							
10/26/99	W12	2				147							
10/26/99	W58	1				156							
11/9/99	W1	0				148							
11/9/99	W1	12				149 M							
11/9/99	W1	15				150							
11/9/99	W1	18				152							
11/9/99	W1	3				149							
11/9/99	W1	6				150							
11/9/99	W1	9				149							
12/2/99	W1	0				123							
12/2/99	W1	12				149 M							
12/2/99	W1	15				149							
12/2/99	W1	18				149							
12/2/99	W1	3				148							
12/2/99	W1	6				151							
12/2/99	W1	9				149							
12/2/99	W12	2				150							

Table I-8C (cont.)

Date	Station	Depth m	2-Butanone (µg/L)	2-Hexanone (µg/L)	4-Methyl-2-pentanone (µg/L)	Acetone (µg/L)	Benzene (µg/L)	Bromodichloromethane (µg/L)	Bromoform (µg/L)	Bromomethane (µg/L)	Carbon disulfide (µg/L)	Carbon Tetrachloride (µg/L)	Chlorobenzene (µg/L)
9/27/99	W1	0	10 UJ	5.0 U	5.0 U	10 UR	0.5 U	0.1 J	0.5 U	1 U	0.5 U	0.5 U	0.5 U
9/27/99	W1	12											
9/27/99	W1	15											
9/27/99	W1	18											
9/27/99	W1	3											
9/27/99	W1	6											
9/27/99	W1	9											
9/27/99	W2	0	10 UJ	5.0 U	5.0 U	10 UR	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U
9/27/99	W2	12											
9/27/99	W2	15											
9/27/99	W2	18											
9/27/99	W2	3											
9/27/99	W2	6											
9/27/99	W2	9											
9/28/99	W12	2											
9/28/99	W50	1	10 UJ	5.0 U	5.0 U	10 UR	6.3	0.2 J	0.5 U	1 U	0.5 U	0.5 U	12
9/28/99	W51	0	10 UJ	5.0 UJ	5.0 UJ	10 UR	0.5 UJ	0.2 J	0.5 UJ	1 UJ	0.5 UJ	0.5 UJ	0.5 UJ
9/28/99	W52	1	10 U	5.0 U	5.0 U	10 UR	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U
9/28/99	W53	1	10 UM	5.0 UM	5.0 UM	RM	0.5 UM	0.5 UM	0.5 UM	1 UM	0.5 UM	0.5 UM	0.5 UM
9/28/99	W54	0	10 UJ	5.0 U	5.0 U	10 UR	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U
9/28/99	W55	0	10 UJ	5.0 U	5.0 U	10 UR	0.11 J	0.2 J	0.5 U	1 U	0.5 U	0.5 U	0.5
9/28/99	W56	1	10 UJ	5.0 U	5.0 U	10 UR	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U
9/28/99	W57	0	10 U	5.0 U	5.0 U	10 UR	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U
9/28/99	W58	1	10 UJ	5.0 U	5.0 U	10 UR	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U
10/14/99	W12	1											
10/14/99	W12	3											
10/15/99	W1	0											
10/15/99	W1	12											
10/15/99	W1	15											
10/15/99	W1	18											
10/15/99	W1	3											
10/15/99	W1	6											
10/15/99	W1	9											
10/15/99	W2	0											
10/15/99	W2	12											
10/15/99	W2	15											
10/15/99	W2	18											
10/15/99	W2	3											
10/15/99	W2	6											
10/15/99	W2	9											
10/25/99	W1	0											

Table I-8C (cont.)

Date	Station	Depth m	Chloroethane (µg/L)	Chloroform (µg/L)	Chloromethane (µg/L)	Cis-1,2-dichloroethene (µg/L)	Cis-1,3-dichloropropen (µg/L)	Dibromochloromethane (µg/L)	Ethylbenzene (µg/L)	Methylene chloride (µg/L)	Styrene (µg/L)	Tetrachloroethene (µg/L)	Toluene (µg/L)
9/27/99	W1	0	1.0 U	0.5 J	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 UJ	0.5 U	0.5 U	0.5 U
9/27/99	W1	12											
9/27/99	W1	15											
9/27/99	W1	18											
9/27/99	W1	3											
9/27/99	W1	6											
9/27/99	W1	9											
9/27/99	W2	0	1.0 U	0.2 J	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 UJ	0.5 U	0.5 U	0.5 U
9/27/99	W2	12											
9/27/99	W2	15											
9/27/99	W2	18											
9/27/99	W2	3											
9/27/99	W2	6											
9/27/99	W2	9											
9/28/99	W12	2											
9/28/99	W50	1	1.0 U	0.8	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 UJ	0.5 U	0.5 U	0.16 J
9/28/99	W51	0	1.0 UJ	0.9 J	1.0 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.2 UJ	0.5 UJ	0.5 UJ	0.5 UJ
9/28/99	W52	1	1.0 U	0.2 J	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 UJ	0.5 U	0.5 U	0.5 U
9/28/99	W53	1	1.0 UM	0.2 M	1.0 UM	0.5 UM	0.5 UM	0.5 UM	0.5 UM	0.2 UM	0.5 UM	0.5 UM	0.5 UM
9/28/99	W54	0	1.0 U	0.2 J	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.4 UJ	0.5 U	0.5 U	0.5 U
9/28/99	W55	0	1.0 U	0.6	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 UJ	0.5 U	0.5 U	0.5 U
9/28/99	W56	1	1.0 U	0.1 J	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 UJ	0.5 U	0.5 U	0.5 U
9/28/99	W57	0	1.0 U	0.2 J	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.1 UJ	0.5 U	0.5 U	0.5 U
9/28/99	W58	1	1.0 U	0.4 J	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 UJ	0.5 U	0.5 U	0.5 U
10/14/99	W12	1											
10/14/99	W12	3											
10/15/99	W1	0											
10/15/99	W1	12											
10/15/99	W1	15											
10/15/99	W1	18											
10/15/99	W1	3											
10/15/99	W1	6											
10/15/99	W1	9											
10/15/99	W2	0											
10/15/99	W2	12											
10/15/99	W2	15											
10/15/99	W2	18											
10/15/99	W2	3											
10/15/99	W2	6											
10/15/99	W2	9											
10/25/99	W1	0											

Table I-8C (cont.)

Date	Station	Depth m	trans-1,2-Dichloroethene (µg/L)	Trans-1,3-dichloropropen (µg/L)	Trichloroethene (µg/L)	Vinyl chloride (µg/L)	Xylene (Total) (µg/L)
9/27/99	W1	0	0.5 U	0.5 U	0.5 U	1 U	0.5 U
9/27/99	W1	12					
9/27/99	W1	15					
9/27/99	W1	18					
9/27/99	W1	3					
9/27/99	W1	6					
9/27/99	W1	9					
9/27/99	W2	0	0.5 U	0.5 U	0.5 U	1 U	0.5 U
9/27/99	W2	12					
9/27/99	W2	15					
9/27/99	W2	18					
9/27/99	W2	3					
9/27/99	W2	6					
9/27/99	W2	9					
9/28/99	W12	2					
9/28/99	W50	1	0.5 U	0.5 U	0.5 U	1 U	0.5 U
9/28/99	W51	0	0.5 UJ	0.5 UJ	0.5 UJ	1 UJ	0.5 UJ
9/28/99	W52	1	0.5 U	0.5 U	0.5 U	1 U	0.5 U
9/28/99	W53	1	0.5 UM	0.5 UM	0.5 UM	1 UM	0.5 UM
9/28/99	W54	0	0.5 U	0.5 U	0.5 U	1 U	0.5 U
9/28/99	W55	0	0.5 U	0.5 U	0.5 U	1 U	0.3 J
9/28/99	W56	1	0.5 U	0.5 U	0.5 U	1 U	0.5 U
9/28/99	W57	0	0.5 U	0.5 U	0.5 U	1 U	0.5 U
9/28/99	W58	1	0.5 U	0.5 U	0.5 U	1 U	0.5 U
10/14/99	W12	1					
10/14/99	W12	3					
10/15/99	W1	0					
10/15/99	W1	12					
10/15/99	W1	15					
10/15/99	W1	18					
10/15/99	W1	3					
10/15/99	W1	6					
10/15/99	W1	9					
10/15/99	W2	0					
10/15/99	W2	12					
10/15/99	W2	15					
10/15/99	W2	18					
10/15/99	W2	3					
10/15/99	W2	6					
10/15/99	W2	9					
10/25/99	W1	0					

Table I-9A. 2000 Onondaga Lake Surface Sediment, Conventional Analytes

Date	Station	Depth cm	Acid-volatile sulfide (mg/kg)	Ammonia-nitrogen (mg/kg)	Carbonate %-dw	pH	Sulfides (mg/kg)	Total organic %-dw	Total solids %-ww	Liquid Limit %-dw	Liquid Limit %-ww	Particles < 0.074 mm %-dw	Particles < 0.075 mm %-dw
7/13/00	S324	000-015						9.1	40				
7/14/00	S318	000-015						1.2	79				
7/14/00	S325	000-002						9.3	42				
7/14/00	S325	002-015						3.8	41				
7/14/00	S326	000-015						5.9	39				
7/15/00	S328	000-015						6.3	61				
7/16/00	S329	000-015						5.9	52				
7/16/00	S330	000-015						7.3	62				
7/16/00	S331	000-015						7.8	36				
7/18/00	S307	000-015						8.2	66				
7/18/00	S313	000-015						14	60				
7/20/00	S311	000-015			59			7.2	38				
7/21/00	S306	000-015						4.1	63				
7/22/00	S301	000-015						5.1	59				
7/27/00	S353	000-015						9.4	69				
7/28/00	S332	000-002						8.9	56				
7/28/00	S332	002-014						5.0	50				
7/28/00	S400	000-002						11	51				
7/28/00	S400	002-015						7.6	49				
7/29/00	S344	000-002						26	46				
7/29/00	S344	002-015						16	53				
7/29/00	S401	000-002						8.8	42				
7/29/00	S401	002-015						7.9	46				
7/30/00	S342	000-002						12	53				
7/30/00	S342	002-009						18	55				
7/30/00	S402	000-002						6.7	60				
7/30/00	S402	002-010						5.1	63				
7/30/00	S403	000-002						7.3	45				
7/30/00	S403	002-014						6.0	44				
7/31/00	S404	000-002						11	55				
7/31/00	S404	002-008						16	55				
7/31/00	S405	000-002						10	35				
7/31/00	S405	002-015						9.4	38				
7/31/00	S406	000-002						8.3	37				
7/31/00	S406	002-015						10	47				
8/1/00	S317	000-002						9.7	34				
8/1/00	S317	002-014						9.5	35				
8/1/00	S323	000-002						6.8	48				
8/1/00	S323	002-015						9.1	50				
8/1/00	S407	000-002						10	31				
8/1/00	S407	002-015						9.3	38				
8/2/00	S305	000-002						4.3	48				
8/2/00	S305	002-015						6.4	49				

Table I-9A. (cont.)

Date	Station	Depth cm	Acid-volatile sulfide (mg/kg)	Ammonia-nitrogen (mg/kg)	Carbonate %-dw	pH	Sulfides (mg/kg)	Total organic %-dw	Total solids %-ww	Liquid Limit %-dw	Liquid Limit %-ww	Particles < 0.074 mm %-dw	Particles < 0.075 mm %-dw
8/2/00	S333	000-015						9.2	57				
8/2/00	S334	000-015						6.7	64				
8/2/00	S335	000-015						2.9	58				
8/2/00	S372	000-002						6.4	55				
8/2/00	S372	002-014						7.9 M	56 M				
8/3/00	S336	000-015						7.6	89				
8/3/00	S338	000-015			64			9.7	35		40	94	94
8/3/00	S339	000-015			64			12	52		33	77	78
8/3/00	S340	000-015			58			10	57		35	64	64
8/4/00	S319	000-015						9.1	46				
8/4/00	S321	000-015						3.8	71				
8/4/00	S341	000-015			66			5.3	55		30	52	52
8/4/00	S343	000-015			58			2.7	56		29	73	73
8/4/00	S345	000-015						7.3	41				
8/4/00	S346	000-015			62			4.4	65		26	65	65
8/4/00	S347	000-015			63			6.7	53		0	44	44
8/5/00	S327	000-015						8.4	35				
8/5/00	S348	000-015			60			4.9	36		40	93	93
8/5/00	S349	000-015						8.0	49				
8/5/00	S350	000-015			60			2.8	37		38	90	90
8/5/00	S351	000-015			64			11	62		0	44	44
8/9/00	S304	000-015						6.1	56				
8/9/00	S434	000-015						4.4	57				
8/9/00	S435	000-005						31	61				
8/10/00	S308	000-015						8.2	33				
8/10/00	S314	000-015			57			15	46			80	80
8/10/00	S316	000-015						1.2	77				
8/10/00	S322	000-015						4.8	49				
8/10/00	S342	000-015	139	31	59		470	3.6	29		42 J	82	82
8/10/00	S344	000-015	1,180	31			1,400	12	38				
8/10/00	S352	000-015			68			8.8	53		0 J	60	60
8/10/00	S354	000-015	4,120	250			3,600	7.3	20				
8/10/00	S355	000-015	5,340	250			4,600	8.1	19				
8/11/00	S315	000-015	6,890 J	380	67		4,700	8.0	21	41			17
8/11/00	S317	000-015	2,700 J	73			2,400	8.6	34				
8/11/00	S332	000-015	624	16			1,300	9.1	46				
8/11/00	S337	000-015	3,100	120			2,900	8.1	37				
8/11/00	S372	000-015	85 J	11			330	8.7	50				
8/12/00	S302	000-015	1,150 J	68 J	70		1,520	5.6	38	32			
8/12/00	S303	000-015	2,990 J	190 J			1,940	6.3	28				
8/12/00	S305	000-015	454 J	32 J			642	5.5	43				
8/13/00	S320	000-015	2,490 J	200 J			1,950	6.8	30				
8/13/00	S323	000-015	726 J	38 J			1,130	8.6	49				
8/13/00	S365	000-015	421 J	26 J			847	7.7	33				
8/14/00	S309	000-015			59			11	40	35		73	73

Table I-9A. (cont.)

Date	Station	Depth cm	Acid-volatile sulfide (mg/kg)	Ammonia-nitrogen (mg/kg)	Carbonate %-dw	pH	Sulfides (mg/kg)	Total organic %-dw	Total solids %-ww	Liquid Limit %-dw	Liquid Limit %-ww	Particles < 0.074 mm %-dw	Particles < 0.075 mm %-dw
8/14/00	S310	000-015			62			7.3	33	35		91	91
8/14/00	S312	000-015			57			6.1	44	31		95	95
8/15/00	S340	000-002			59 M			8.9 M	48 M		34 M	60 M	60 M
8/15/00	S351	000-002			62			11	41		38	88	88
8/15/00	S361	000-015						4.8 M	55 M				
8/15/00	S362	000-015						5.5	59				
8/15/00	S363	000-002						9.1	61				
8/15/00	S363	002-015						5.9 M	52 M				
8/15/00	S364	000-015						6.6	30				
8/15/00	S366	000-015						9.4	53				
8/15/00	S367	000-002						9.1	54				
8/15/00	S367	002-015						7.5	53				
8/15/00	S368	000-015						9.3	48				
8/15/00	S369	000-015						7.8	55				
8/16/00	S356	000-015						9.8	58				
8/16/00	S357	000-002						10	43				
8/16/00	S357	002-015						46	54				
8/16/00	S358	000-015						9.6	64				
8/16/00	S359	000-015						8.1	68				
8/16/00	S360	000-002						6.0 M	49 M				
8/16/00	S360	002-015						8.0 M	52 M				
8/17/00	S370	000-002						5.1	57				
8/17/00	S370	002-015						4.0	64				
8/17/00	S371	000-015						4.9	41				
8/17/00	S373	000-002						6.7	54				
8/17/00	S373	002-015						8.3	56				
8/17/00	S374	000-015						11	44				

Table I-9A. (cont.)

Date	Station	Depth cm	Particles < 0.106 mm %-dw	Particles < 0.250 mm %-dw	Particles < 0.425 mm %-dw	Particles < 0.85 mm %-dw	Particles < 19.0 mm %-dw	Particles < 2.00 mm (sieve #10) %-dw	Particles < 4.75 mm (sieve #4) %-dw	Particles < 9.50 mm %-dw	Particles < 0.001 mm %-dw	Particles < 0.005 mm %-dw
7/13/00	S324	000-015										
7/14/00	S318	000-015										
7/14/00	S325	000-002										
7/14/00	S325	002-015										
7/14/00	S326	000-015										
7/15/00	S328	000-015										
7/16/00	S329	000-015										
7/16/00	S330	000-015										
7/16/00	S331	000-015										
7/18/00	S307	000-015										
7/18/00	S313	000-015										
7/20/00	S311	000-015										
7/21/00	S306	000-015										
7/22/00	S301	000-015										
7/27/00	S353	000-015										
7/28/00	S332	000-002										
7/28/00	S332	002-014										
7/28/00	S400	000-002										
7/28/00	S400	002-015										
7/29/00	S344	000-002										
7/29/00	S344	002-015										
7/29/00	S401	000-002										
7/29/00	S401	002-015										
7/30/00	S342	000-002										
7/30/00	S342	002-009										
7/30/00	S402	000-002										
7/30/00	S402	002-010										
7/30/00	S403	000-002										
7/30/00	S403	002-014										
7/31/00	S404	000-002										
7/31/00	S404	002-008										
7/31/00	S405	000-002										
7/31/00	S405	002-015										
7/31/00	S406	000-002										
7/31/00	S406	002-015										
8/1/00	S317	000-002										
8/1/00	S317	002-014										
8/1/00	S323	000-002										
8/1/00	S323	002-015										
8/1/00	S407	000-002										
8/1/00	S407	002-015										
8/2/00	S305	000-002										
8/2/00	S305	002-015										

Table I-9A. (cont.)

Date	Station	Depth cm	Particles < 0.106 mm %-dw	Particles < 0.250 mm %-dw	Particles < 0.425 mm %-dw	Particles < 0.85 mm %-dw	Particles < 19.0 mm %-dw	Particles < 2.00 mm (sieve #10) %-dw	Particles < 4.75 mm (sieve #4) %-dw	Particles < 9.50 mm %-dw	Particles < 0.001 mm %-dw	Particles < 0.005 mm %-dw
8/2/00	S333	000-015										
8/2/00	S334	000-015										
8/2/00	S335	000-015										
8/2/00	S372	000-002										
8/2/00	S372	002-014										
8/3/00	S336	000-015										
8/3/00	S338	000-015	95	99	99	100	100	100	100	100	22	32
8/3/00	S339	000-015	81	88	92	96	100	100	100	100	2.8	7.1
8/3/00	S340	000-015	67	81	89	94	100	100	100	100	14	21
8/4/00	S319	000-015										
8/4/00	S321	000-015										
8/4/00	S341	000-015	54	62	75	86	100	90	96	100	3.9	10
8/4/00	S343	000-015	75	82	90	95	100	97	100	100	3.1	17
8/4/00	S345	000-015										
8/4/00	S346	000-015	66	69	71	75	97	80	89	96	3.8	12
8/4/00	S347	000-015	47	56	70	86	100	92	98	100	3.9	14
8/5/00	S327	000-015										
8/5/00	S348	000-015	94	97	98	99	100	100	100	100	5.6	30
8/5/00	S349	000-015										
8/5/00	S350	000-015	91	95	97	98	100	100	100	100	6.1	32
8/5/00	S351	000-015	46	54	61	67	100	72	78	85	3.9	11
8/9/00	S304	000-015										
8/9/00	S434	000-015										
8/9/00	S435	000-005										
8/10/00	S308	000-015										
8/10/00	S314	000-015	85	94	97	99	100	99	100	100	1.9	21
8/10/00	S316	000-015										
8/10/00	S322	000-015										
8/10/00	S342	000-015	82	85	91	93	100	97	97	100	0.0	4.4
8/10/00	S344	000-015										
8/10/00	S352	000-015	65	81	87	93	100	97	99	100	5.2	16
8/10/00	S354	000-015										
8/10/00	S355	000-015										
8/11/00	S315	000-015	30	60	77	89	100	100	100	100		
8/11/00	S317	000-015										
8/11/00	S332	000-015										
8/11/00	S337	000-015										
8/11/00	S372	000-015										
8/12/00	S302	000-015										
8/12/00	S303	000-015										
8/12/00	S305	000-015										
8/13/00	S320	000-015										
8/13/00	S323	000-015										
8/13/00	S365	000-015										
8/14/00	S309	000-015	77	90	96	99	100	100	100	100	9.7	25

Table I-9A. (cont.)

Date	Station	Depth cm	Particles < 0.106 mm %-dw	Particles < 0.250 mm %-dw	Particles < 0.425 mm %-dw	Particles < 0.85 mm %-dw	Particles < 19.0 mm %-dw	Particles < 2.00 mm (sieve #10) %-dw	Particles < 4.75 mm (sieve #4) %-dw	Particles < 9.50 mm %-dw	Particles < 0.001 mm %-dw	Particles < 0.005 mm %-dw
8/14/00	S310	000-015	94	99	100	100	100	100	100	100	9.4	32
8/14/00	S312	000-015	96	98	99	100	100	100	100	100	2.1	11
8/15/00	S340	000-002	61 M	63 M	66 M	68 M	77 M	70 M	72 M	74 M	5.1 M	9.3 M
8/15/00	S351	000-002	91	97	98	98	100	98	100	100	9.5	23
8/15/00	S361	000-015										
8/15/00	S362	000-015										
8/15/00	S363	000-002										
8/15/00	S363	002-015										
8/15/00	S364	000-015										
8/15/00	S366	000-015										
8/15/00	S367	000-002										
8/15/00	S367	002-015										
8/15/00	S368	000-015										
8/15/00	S369	000-015										
8/16/00	S356	000-015										
8/16/00	S357	000-002										
8/16/00	S357	002-015										
8/16/00	S358	000-015										
8/16/00	S359	000-015										
8/16/00	S360	000-002										
8/16/00	S360	002-015										
8/17/00	S370	000-002										
8/17/00	S370	002-015										
8/17/00	S371	000-015										
8/17/00	S373	000-002										
8/17/00	S373	002-015										
8/17/00	S374	000-015										

Table I-9A. (cont.)

Date	Station	Depth cm	Percent clay %-ww	Percent sand %-ww	Percent silt %-ww	Plastic Limit %-dw	Specific gravity g/cc-dw
7/13/00	S324	000-015	5.0	33	62		
7/14/00	S318	000-015	1.0	91	8.0		
7/14/00	S325	000-002	8.0	10	82		
7/14/00	S325	002-015	8.0	8.0	84		
7/14/00	S326	000-015	6.0	5.0	89		
7/15/00	S328	000-015	9.0	71	21		
7/16/00	S329	000-015	12	57	32		
7/16/00	S330	000-015	9.0	63	28		
7/16/00	S331	000-015	9.0	20	71		
7/18/00	S307	000-015	10	61	29		
7/18/00	S313	000-015	9.0	50	41		
7/20/00	S311	000-015	8.0	26	66		
7/21/00	S306	000-015	3.0	48	49		
7/22/00	S301	000-015	7.0	4.0	89		
7/27/00	S353	000-015	3.0	92	5.0		
7/28/00	S332	000-002	3.0	87	10		
7/28/00	S332	002-014	8.0	21	71		
7/28/00	S400	000-002	6.0	72	22		
7/28/00	S400	002-015	12	51	37		
7/29/00	S344	000-002	5.0	78	17		
7/29/00	S344	002-015	5.0	17	78		
7/29/00	S401	000-002	5.0	23	72		
7/29/00	S401	002-015	6.0	23	71		
7/30/00	S342	000-002	7.0	38	55		
7/30/00	S342	002-009	5.0	66	29		
7/30/00	S402	000-002	5.0	67	28		
7/30/00	S402	002-010	5.0	25	70		
7/30/00	S403	000-002	5.0	53	42		
7/30/00	S403	002-014	6.0	23	71		
7/31/00	S404	000-002	4.0	83	13		
7/31/00	S404	002-008	5.0	73	22		
7/31/00	S405	000-002	6.0	31	63		
7/31/00	S405	002-015	10	24	66		
7/31/00	S406	000-002	6.0	35	59		
7/31/00	S406	002-015	6.0	3.0	91		
8/1/00	S317	000-002	4.0	42	54		
8/1/00	S317	002-014	4.0	40	56		
8/1/00	S323	000-002	6.0	67	27		
8/1/00	S323	002-015	5.0	69	26		
8/1/00	S407	000-002	4.0	57	39		
8/1/00	S407	002-015	6.0	31	63		
8/2/00	S305	000-002	5.0	32	63		
8/2/00	S305	002-015	6.0	30	64		

Table I-9A. (cont.)

Date	Station	Depth cm	Percent clay %-ww	Percent sand %-ww	Percent silt %-ww	Plastic Limit %-dw	Specific gravity g/cc-dw
8/2/00	S333	000-015	6.0	47	47		
8/2/00	S334	000-015	4.0	49	47		
8/2/00	S335	000-015	3.0	36	61		
8/2/00	S372	000-002	3.0	91	6.0		
8/2/00	S372	002-014	4.0 M	91.5 M	4.5 M		
8/3/00	S336	000-015	3.0	81	16		
8/3/00	S338	000-015				37	2.5
8/3/00	S339	000-015				30	2.5
8/3/00	S340	000-015				33	2.6
8/4/00	S319	000-015	5.0	42	53		
8/4/00	S321	000-015	4.0	93	3.0		
8/4/00	S341	000-015				27	2.6
8/4/00	S343	000-015				26	2.5
8/4/00	S345	000-015	8.0	55	37		
8/4/00	S346	000-015				25	2.6
8/4/00	S347	000-015				0	2.5
8/5/00	S327	000-015	8.0	27	65		
8/5/00	S348	000-015				35	2.6
8/5/00	S349	000-015	8.0	27	65		
8/5/00	S350	000-015				34	2.7
8/5/00	S351	000-015				0	2.5
8/9/00	S304	000-015	10	27	63		
8/9/00	S434	000-015	18	49	33		
8/9/00	S435	000-005	3.0	86	11		
8/10/00	S308	000-015	8.0	8.0	84		
8/10/00	S314	000-015				0 J	2.4
8/10/00	S316	000-015	4.0	91	5.0		
8/10/00	S322	000-015	0.0	19	81		
8/10/00	S342	000-015				37 J	2.5
8/10/00	S344	000-015	7.0	15	78		
8/10/00	S352	000-015				0 J	2.5
8/10/00	S354	000-015	16	26	58		
8/10/00	S355	000-015	15	26	59		
8/11/00	S315	000-015				36	
8/11/00	S317	000-015	7.0	47	46		
8/11/00	S332	000-015	9.0	29	62		
8/11/00	S337	000-015	7.0	17	76		
8/11/00	S372	000-015	4.0	91	5.0		
8/12/00	S302	000-015				30	2.5
8/12/00	S303	000-015	15	13	72		
8/12/00	S305	000-015	6.0	33	61		
8/13/00	S320	000-015	8.0	12	80		
8/13/00	S323	000-015	7.0	63	30		
8/13/00	S365	000-015	7.0	31	62		
8/14/00	S309	000-015				30	2.5

Table I-9A. (cont.)

Date	Station	Depth cm	Percent clay %-ww	Percent sand %-ww	Percent silt %-ww	Plastic Limit %-dw	Specific gravity g/cc-dw
8/14/00	S310	000-015				32	2.5
8/14/00	S312	000-015				29	2.6
8/15/00	S340	000-002				31 M	2.6 M
8/15/00	S351	000-002				35	2.5
8/15/00	S361	000-015	4.5 M	66.5 M	29 M		
8/15/00	S362	000-015	6.0	88	6.0		
8/15/00	S363	000-002	5.0	79	16		
8/15/00	S363	002-015	3.5 M	33 M	63.5 M		
8/15/00	S364	000-015	7.0	28	65		
8/15/00	S366	000-015	16	48	36		
8/15/00	S367	000-002	6.0	84	10		
8/15/00	S367	002-015	14	46	40		
8/15/00	S368	000-015	18	33	49		
8/15/00	S369	000-015	13	52	35		
8/16/00	S356	000-015	18	42	40		
8/16/00	S357	000-002	9.0	68	23		
8/16/00	S357	002-015	18	53	29		
8/16/00	S358	000-015	15	58	27		
8/16/00	S359	000-015	10	72	18		
8/16/00	S360	000-002	8.0 M	41 M	51 M		
8/16/00	S360	002-015	4.5 M	28 M	67.5 M		
8/17/00	S370	000-002	5.0	11	84		
8/17/00	S370	002-015	4.0	92	4.0		
8/17/00	S371	000-015	4.0	69	27		
8/17/00	S373	000-002	6.0	78	16		
8/17/00	S373	002-015	9.0	59	32		
8/17/00	S374	000-015	14	61	25		

Table I-9B. 2000 Onondaga Lake Surface Sediment, Metals

Date	Station	Depth cm	Sample	Aluminu (mg/kg)	Antimon (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Calcium (mg/kg)	Chromi (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Cyanide (mg/kg)	Iron (mg/kg)	Lead (mg/kg)
7/13/2000	S324	000-015	PR	2,020	0.5 UJ	1.8	185	0.2	0.5 J	328,000	38	1.7	14	1.2 U	3,160	11
7/14/2000	S318	000-015	PR	1,360	0.2 UJ	1.1	39 J	0.1	2.2	47,400	24	1.4	46 J	0.6 U	4,160	53 J
7/14/2000	S325	000-002	PR	2,850	0.5 UJ	3.1	210	0.2	0.4	316,000	229	22	33	1.2 U	11,800	32
7/14/2000	S325	002-015	PR	2,640	0.5 J	2.7	199	0.2	0.3	301,000	193	19	30	1.2 U	10,500	29
7/14/2000	S326	000-015	PR	4,340	0.5 UJ	3.1	297	0.3	1.9	300,000	427	39	71	1.3 U	13,700	78
7/15/2000	S328	000-015	PR	1,660	0.3 UJ	3.2	131 J	0.1	1.1	336,000	356	24	44 J	0.8 U	9,130	49 J
7/16/2000	S329	000-015	PR	791	0.4 J	0.4 U	99	0.2	0.2	315,000	47	1.0	5.1	1.0 U	1,780	4.5
7/16/2000	S330	000-015	PR	1,100	0.3 J	1.3	99	0.2	0.2	355,000	84	7.1	8.1	0.8 U	3,750	13
7/16/2000	S331	000-015	PR	7,090	0.5 UJ	5.3	228	0.6	5.6	240,000	322	20	100	1.4 U	15,000	116
7/18/2000	S307	000-015	PR	967	0.3 UJ	7.0	116	0.1	0.4	287,000	399	23 J	68	0.8 U	34,100	126
7/18/2000	S313	000-015	PR	4,940	0.3 UJ	5.0	201	0.4	2.7	192,000	82	4.0 J	67	0.8 U	10,500	223
7/20/2000	S311	000-015	PR	5,450	0.5 UJ	9.8	271	0.4	0.4	289,000	27	2.6	38	2.8	7,530	24
7/21/2000	S306	000-015	PR	4,970	0.3 UJ	2.5	96 J	0.3	0.8	251,000	18 J	4.2	12 J	0.8 U	9,520	7.7
7/22/2000	S301	000-015	PR	4,080	0.3 UJ	3.1	79	0.0 U	0.8	260,000	29	1.6	38	0.8 U	5,870	71
7/27/2000	S353	000-015	PR	3,100	0.5 J	3.5	188	0.4	2.2	151,000	61	5.4	71	0.7 U	11,500	101
7/28/2000	S332	000-002	PR													
7/28/2000	S332	002-014	PR													
7/28/2000	S400	000-002	PR													
7/28/2000	S400	002-015	PR													
7/29/2000	S344	000-002	PR													
7/29/2000	S344	002-015	PR													
7/29/2000	S401	000-002	PR													
7/29/2000	S401	002-015	PR													
7/30/2000	S342	000-002	PR													
7/30/2000	S342	002-009	PR													
7/30/2000	S402	000-002	PR													
7/30/2000	S402	002-010	PR													
7/30/2000	S403	000-002	PR													
7/30/2000	S403	002-014	PR													
7/31/2000	S404	000-002	PR													
7/31/2000	S404	002-008	PR													
7/31/2000	S405	000-002	PR													
7/31/2000	S405	002-015	PR													
7/31/2000	S406	000-002	PR													
7/31/2000	S406	002-015	PR													
8/1/2000	S317	000-002	PR													
8/1/2000	S317	002-014	PR													
8/1/2000	S323	000-002	PR													
8/1/2000	S323	002-015	PR													
8/1/2000	S407	000-002	PR													
8/1/2000	S407	002-015	PR													
8/2/2000	S305	000-002	PR													
8/2/2000	S305	002-015	PR													
8/2/2000	S333	000-015	PR	3,690	3.4 J	47 J	95	0.5	1.1	252,000	216	15	189	1.8 U	22,200	90
8/2/2000	S334	000-015	PR	3,670	3.5 J	18 J	917	0.4	1.1	232,000	813	31	237	1.2	35,200	393
8/2/2000	S335	000-015	PR	3,930	2.9 J	21 J	685	0.4	1.0	267,000	538	33	194	1.7 U	27,700	200
8/2/2000	S372	000-002	PR													
8/2/2000	S372	002-014	PR													
8/3/2000	S336	000-015	PR	2,080	0.5 J	5.7	204 J	0.2 J	0.2 J	225,000	190	22 J	43 J	0.6 U	12,900	76 J

Table I-9B. (cont.)

Date	Station	Depth cm	Sample	Aluminu (mg/kg)	Antimon (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Calcium (mg/kg)	Chromi (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Cyanide (mg/kg)	Iron (mg/kg)	Lead (mg/kg)
8/3/2000	S338	000-015	PR	5,210	2.3 J	21	1,410 J	0.5 J	10 J	212,000	3,130	95 J	357 J	1.4	34,400	446 J
8/3/2000	S339	000-015	PR	2,730	1.5 J	15	1,430 J	0.3 J	2.3 J	205,000	2,370	96 J	366 J	1.8	35,800	613 J
8/3/2000	S340	000-015	PR	2,770	0.5 J	8.5	952 J	0.3 J	0.1 J	260,000	13	1.4 J	42 J	3.8	5,670	22 J
8/4/2000	S319	000-015	PR	5,980	0.5 J	4.0	196	0.4	4.1	170,000	70 J	6.3	92	1.0 U	14,600	114
8/4/2000	S321	000-015	PR	1,630	0.3 J	0.9	52	0.2	1.6	112,000	26 J	1.4	30	0.7 U	3,830	28
8/4/2000	S341	000-015	PR	6,390	0.8 J	9.4	1,010	0.5	0.2	297,000	10 J	3.1	37 J	1.3	5,780	31
8/4/2000	S343	000-015	PR	3,350	0.6 J	7.3	1,090	0.4	0.9	329,000	21 J	2.7	132 J	0.9	4,840	35
8/4/2000	S345	000-015	PR	8,230	0.7 J	12	2,070	0.7	0.4	276,000	19 J	4.0	51 J	6.4	8,970	20
8/4/2000	S346	000-015	PR	3,080	0.5 J	4.8	776	0.3	0.9	318,000	18 J	2.2	58 J	0.8 U	4,390	36
8/4/2000	S347	000-015	PR	6,200	0.5 J	10	1,360	0.5	0.6	282,000	18 J	4.4	28 J	0.9 U	7,600	21
8/5/2000	S327	000-015	PR	7,510	2.2 J	22	1,080 J	0.5	6.3	177,000	4,180	170	344 J	1.4 U	50,800	303
8/5/2000	S348	000-015	PR	4,000	0.6 J	7.4	284	0.4	0.9	339,000	19 J	2.1	28	1.4 U	5,130	92
8/5/2000	S349	000-015	PR	3,980	0.4 UJ	6.9	783 J	0.4	1.4	309,000	44	3.5	50 J	1.0 U	7,500	50
8/5/2000	S350	000-015	PR	4,590	0.6 J	7.1	1,230 J	0.4	0.7	313,000	36	3.2	41 J	1.3 U	7,760	78
8/5/2000	S351	000-015	PR	2,520	0.3 UJ	3.4	109 J	0.3	0.8	326,000	48	5.1	32 J	0.7 U	6,750	89
8/9/2000	S304	000-015	PR	5,780 J	0.3 UJ	4.8 J	81 J	0.4	0.2	259,000 J	19 J	3.6 J	38 J	0.9 U	9,730 J	46 J
8/9/2000	S434	000-015	PR	1,000 J	0.3 UJ	0.6	98 J	0.1	4.9E-02 U	332,000 J	27 J	2.9 J	4.6 J	0.9 U	2,470 J	3.8 J
8/9/2000	S435	000-005	PR	1,950 J	0.8 J	9.9 J	188 J	0.2	0.2	219,000 J	159 J	15 J	57 J	0.8 U	9,590 J	39 J
8/10/2000	S308	000-015	PR	6,650	1.0 J	4.2	384	0.4	3.5	276,000	500	36	115	1.5 U	16,800	111
8/10/2000	S314	000-015	PR	4,690	1.3 J	14	395	0.5	4.3	278,000	141	5.7	106	1.1 U	12,900	363
8/10/2000	S316	000-015	PR	1,800	0.3 UJ	1.2	24	0.1	7.7E-02	45,300	6.3	1.7	30	0.7 U	5,460	50
8/10/2000	S322	000-015	PR	14,500	0.9 J	8.6	214	0.8	15	91,800	134	9.2	153	1.0 U	25,300	285
8/10/2000	S342	000-015	PR	5,430	0.8 J	9.7	1,430	0.5	1.4	278,000	36	4.5	26	1.6 U	6,640	21
8/10/2000	S344	000-015	PR	3,180	5.4	7.7	125	0.5	1.0	313,000	66	3.6	89	1.3 U	5,600	307
8/10/2000	S352	000-015	PR	5,590	1.2	5.2	242	0.4	2.6	143,000	87	6.5	87	1.0 U	12,500	750
8/10/2000	S354	000-015	PR	12,000	1.2 J	5.6	274	0.7	3.1	215,000	113	9.6	93	2.2 U	24,200	92
8/10/2000	S355	000-015	PR	11,900	0.9 UJ	6.0	250	0.7	3.3	182,000	80	7.4	102	2.3 U	24,200	94
8/11/2000	S315	000-015	PR	7,560	1.2 J	4.9	286 J	0.4	2.8	210,000	84	4.3	125	2.1 U	20,700	109 J
8/11/2000	S317	000-015	PR	5,920	0.8 J	4.3	292 J	0.4	3.2	199,000	83	6.6	118	1.4 U	18,900	142 J
8/11/2000	S332	000-015	PR	3,920	0.4 J	8.4	756	0.4	1.9	375,000	222 J	11	89	1.1 U	10,500	80 J
8/11/2000	S337	000-015	PR	5,050	0.9 J	8.9	510	0.4	4.2	299,000	1,040 J	78	166	1.3 U	22,300	172 J
8/11/2000	S372	000-015	PR	752	0.4 J	0.9	112 J	0.1	3.7	349,000	82	0.8	34	1.1 U	2,530	13 J
8/12/2000	S302	000-015	PR	6,780	0.5 UJ	3.3	90 J	0.4	0.5	206,000	25	4.2	41	1.3 U	13,000	40 J
8/12/2000	S303	000-015	PR	8,440	0.8 J	4.9	128 J	0.4	0.8	210,000	33	4.8	47	1.9 U	17,100	49 J
8/12/2000	S305	000-015	PR	6,940	0.4 UJ	3.4	73 J	0.4	0.2	112,000	24	4.3	36	1.2 U	14,400	29 J
8/13/2000	S320	000-015	PR	10,200	0.6 UJ	4.7	273	0.6	4.2	193,000	86 J	6.6	119	1.7 U	20,600	116 J
8/13/2000	S323	000-015	PR	4,330	0.4 UJ	3.6	159	0.4	12	287,000	148 J	6.4	98	1.0 U	11,600	91 J
8/13/2000	S365	000-015	PR	6,790	0.6 UJ	9.1	146	0.5	2.7	342,000	146 J	7.9	44	1.5 U	10,600	71 J
8/14/2000	S309	000-015	PR	5,860	2.3	12	1,090	0.5	13	299,000	736	13	195	1.3 U	16,400	468 J
8/14/2000	S310	000-015	PR	6,500	0.7	4.7	389	0.4	3.8	273,000	153	9.0	85	1.5 U	12,800	99 J
8/14/2000	S312	000-015	PR	2,180	3.5	4.8	135	0.3	0.9	348,000	47	1.4	39	1.2 U	3,290	107 J
8/15/2000	S340	000-002	PR	2,325 M	0.4 M	18 M	935 M	0.2 M	0.2 M	310,500 M	36 M	4.7 M	21 M	1.2 M	4,070 M	20 M
8/15/2000	S351	000-002	PR	5,760	0.9	5.9	405	0.4	1.1	281,000	58	5.5	64	1.2 U	10,600	124
8/15/2000	S361	000-015	PR	2,385 M	0.4 UM	1.9 M	73 M	0.2 M	0.3 M	222,500 M	11 M	1.2 M	12 M	0.9 UM	4,635 M	26 M
8/15/2000	S362	000-015	PR	1,190	0.3	1.0	71	0.1	4.7E-02 U	234,000	4.2	0.5	3.9	0.8 U	2,290	2.6 J
8/15/2000	S363	000-002	PR	1,350	0.3 U	1.7	114 J	0.2	0.2	392,000	13	0.7	5.6 J	0.9 U	2,040	7.3
8/15/2000	S363	002-015	PR	2,925 M	0.4 UM	2.8 M	98 M	0.2 M	1.3 M	313,500 M	40 M	1.9 M	22 M	0.9 UM	3,595 M	17 M
8/15/2000	S364	000-015	PR	5,310	0.6 U	5.1	141	0.4	0.3	335,000	21	1.9	18	1.7 U	5,970	13 J
8/15/2000	S366	000-015	PR	2,210	0.4 U	0.6	111	0.2	0.1	336,000	11	0.8	6.0	0.9 U	3,650	4.0
8/15/2000	S367	000-002	PR	1,790	0.4 U	0.9	110 J	0.2	2.5	311,000	71	1.9	34 J	0.9 U	4,350	18

Table I-9B. (cont.)

Date	Station	Depth cm	Sample	Aluminu (mg/kg)	Antimon (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Calcium (mg/kg)	Chromi (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Cyanide (mg/kg)	Iron (mg/kg)	Lead (mg/kg)
8/15/2000	S367	002-015	PR	2,660	0.4 U	0.7	106	0.2	1.1	329,000	37	1.3	18	1.0 U	4,600	8.3
8/15/2000	S368	000-015	PR	2,400	0.4 U	0.7	110	0.2	0.4	321,000	24	0.6	12	1.0 U	3,760	7.2
8/15/2000	S369	000-015	PR	1,470	0.3 U	0.4	107	0.1	0.2	338,000	7.6	0.2	4.2	0.9 U	2,500	3.1
8/16/2000	S356	000-015	PR	1,430	0.3 U	0.4 U	112 J	0.1	0.3	345,000	8.9	0.4	6.0 J	0.9 U	1,870	4.2
8/16/2000	S357	000-002	PR	1,180	0.5 U	1.1	117	0.2	2.6	351,000	37 J	0.6	24	1.2 U	2,240	12
8/16/2000	S357	002-015	PR	1,360	0.4 U	0.8	111	0.1	1.0	366,000	16 J	0.6	9.7	0.9 U	2,430	4.5
8/16/2000	S358	000-015	PR	1,590	0.3 U	0.4 U	101	0.1	4.4E-02 U	349,000	3.2 J	0.3	1.8	0.8 U	2,080	0.7
8/16/2000	S359	000-015	PR	5,700	0.3 U	5.3	62	0.4	8.3E-02	178,000	11 J	3.3	15	0.7 U	14,000	17
8/16/2000	S360	000-002	PR	6,465 M	0.4 UM	3.3 M	83 M	0.3 M	0.3 M	228,500 M	25 M	2.9 M	30 M	1.0 UM	10,700 M	40 M
8/16/2000	S360	002-015	PR	4,875 M	0.4 UM	2.9 M	77 M	0.3 M	0.4 M	297,500 M	18 M	1.5 M	23 M	1.0 UM	8,270 M	26 M
8/17/2000	S370	000-002	PR	1,000 J	0.3 U	0.7	70	0.2	1.7	207,000	55	0.7	19	0.9 U	2,240	11
8/17/2000	S370	002-015	PR	747 J	0.3 U	0.8	67	0.1	1.8	196,000	55	0.5	18	0.8 U	1,890	13
8/17/2000	S371	000-015	PR	1,840 J	0.5 U	1.4	96	0.2	2.2	275,000	36	1.4	27	1.2 U	4,880	18
8/17/2000	S373	000-002	PR	1,490	0.4	0.9	79	0.1	1.8	236,000	29	1.4	15	0.9 U	3,360	12 J
8/17/2000	S373	002-015	PR	2,690	0.4	2.1	86	0.2	3.9	231,000	57	2.0	31	0.9 U	5,150	36 J
8/17/2000	S374	000-015	PR	1,680	0.6	0.7	129	0.1	0.6	409,000	19	0.6	9.9	1.1 U	2,380	4.6 J

Table I-9B. (cont.)

Date	Station	cm	Sample	Magnesium (mg/kg)	Manganese (mg/kg)	Mercury (mg/kg)	Methylmercury (ug/kg)	Nickel (mg/kg)	Potassium (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Sodium (mg/kg)	Thallium (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)
7/13/2000	S324	000-015	PR	4,110	326	0.3		12	188	1.4	0.2 U	5,060	1.2 U	5.6	54
7/14/2000	S318	000-015	PR	4,220 J	116	0.9 J		8.9	251	0.5 U	0.4	1,570	0.6 U	4.1	84
7/14/2000	S325	000-002	PR	5,460	844	7.2E-02		107	721	1.8	0.2 U	1,550	1.2 U	23	136
7/14/2000	S325	002-015	PR	5,190	638	0.2		97	660	1.9	0.2 U	1,380	1.2 U	22	120
7/14/2000	S326	000-015	PR	5,940	525	1.3		174	1,060	2.3	0.8	1,700	1.3 U	57	170
7/15/2000	S328	000-015	PR	5,290 J	286	0.7 J		111	533	1.2 U	0.1 U	6,300	0.8 U	26	99
7/16/2000	S329	000-015	PR	2,700	276	0.1		5.3	200	0.7 U	0.1 U	5,170	0.9 U	2.1	22
7/16/2000	S330	000-015	PR	3,560	217	0.4		22	239	1.2 U	0.1 U	3,170	0.8 U	5.3	31
7/16/2000	S331	000-015	PR	5,810	330	1.9		103	1,960	1.3	3.3	2,980	1.4	38	316
7/18/2000	S307	000-015	PR	2,530	414	0.4		132	95 J	1.6	0.1 U	4,740	0.7 U	27	57
7/18/2000	S313	000-015	PR	8,840	199	8.8		35	1,170 J	1.2	1.0	1,770	0.8 U	15	190
7/20/2000	S311	000-015	PR	26,900	410	16 J		23	129	1.0 U	0.2 U	3,240	1.3 U	10 J	67
7/21/2000	S306	000-015	PR	13,400	342	0.7		15 J	1,330 J	1.2	0.1 U	2,130 J	0.8 U	9.6	68 J
7/22/2000	S301	000-015	PR	5,050	236	3.8		16	1,020	0.6	0.3	1,380 J	0.8 U	7.7	129
7/27/2000	S353	000-015	PR	5,200	175	12		32	471	0.5 U	0.5	2,100	0.7 U	6.7	162
7/28/2000	S332	000-002	PR			2.7	4.3								
7/28/2000	S332	002-014	PR			12	4.3								
7/28/2000	S400	000-002	PR			0.4	2.4								
7/28/2000	S400	002-015	PR			0.3	1.4								
7/29/2000	S344	000-002	PR			49	61								
7/29/2000	S344	002-015	PR			68	62								
7/29/2000	S401	000-002	PR			8.3	18								
7/29/2000	S401	002-015	PR			5.7	14								
7/30/2000	S342	000-002	PR			2.3	19								
7/30/2000	S342	002-009	PR			1.6	6.4								
7/30/2000	S402	000-002	PR			1.8	16								
7/30/2000	S402	002-010	PR			1.6	18								
7/30/2000	S403	000-002	PR			1.0	3.5								
7/30/2000	S403	002-014	PR			1.0	0.7								
7/31/2000	S404	000-002	PR			22	8.7								
7/31/2000	S404	002-008	PR			26	12								
7/31/2000	S405	000-002	PR			16	18								
7/31/2000	S405	002-015	PR			11	8.9								
7/31/2000	S406	000-002	PR			40	42								
7/31/2000	S406	002-015	PR			65	20								
8/1/2000	S317	000-002	PR			10	17								
8/1/2000	S317	002-014	PR			11	11								
8/1/2000	S323	000-002	PR			2.0	4.1								
8/1/2000	S323	002-015	PR			2.7	3.5								
8/1/2000	S407	000-002	PR			11	19								
8/1/2000	S407	002-015	PR			9.1	6.1								
8/2/2000	S305	000-002	PR			1.4	4.3								
8/2/2000	S305	002-015	PR			1.5	2.2								
8/2/2000	S333	000-015	PR	4,420	221	1.6		61	449	3.4	0.4	3,440	0.9 U	33	116 J
8/2/2000	S334	000-015	PR	4,360	326	4.2		206	736	3.8	0.5	2,170	0.8 U	55	187 J
8/2/2000	S335	000-015	PR	5,410	291	2.1		159	1,090	3.4	0.5	4,210	0.9	64	185 J
8/2/2000	S372	000-002	PR			1.3	3.3								
8/2/2000	S372	002-014	PR			1.3 M	1.8 M								
8/3/2000	S336	000-015	PR	13,300	297	7.7		71 J	812	0.9 J	0.1 U	1,940 J	0.6 UJ	43 J	137 J

Table I-9B. (cont.)

Date	Station	cm	Sample	Magnesium (mg/kg)	Manganese (mg/kg)	Mercury (mg/kg)	Methylmercury (ug/kg)	Nickel (mg/kg)	Potassium (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Sodium (mg/kg)	Thallium (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)
8/3/2000	S338	000-015	PR	5,500	754	12		972 J	1,190	3.8 J	3.7	2,730 J	1.4 UJ	243 J	421 J
8/3/2000	S339	000-015	PR	3,840	784	6.4		1080 J	594	3.0 J	1.0	7,300 J	0.9 UJ	168 J	234 J
8/3/2000	S340	000-015	PR	12,400	160	2.5		9.7 J	168	0.9 J	0.5	7,020 J	0.8 UJ	6.2 J	40 J
8/4/2000	S319	000-015	PR	8,850	278	3.8 J		26	1,660	1.4	2.4	1,160 J	1.0 U	15	246
8/4/2000	S321	000-015	PR	5,280	180	0.2 J		6.3	391	0.5 U	0.2	614 J	0.7 U	3.7	88
8/4/2000	S341	000-015	PR	15,800	250	2.5		15	712 J	1.6	0.4	4,730 J	0.9	13	47
8/4/2000	S343	000-015	PR	9,940	208	2.8		27	90 J	1.2	0.4	3,360 J	0.9 U	7.5	48
8/4/2000	S345	000-015	PR	30,900	340	0.6		25	313 J	0.9 U	0.2 U	2,530 J	1.2 U	15	31
8/4/2000	S346	000-015	PR	7,410	231	1.8		20	411 J	1.1 U	0.3	2,880 J	0.8 U	6.4	54
8/4/2000	S347	000-015	PR	17,900	405	1.4		20	357 J	1.5	0.2	2,090 J	0.9 U	12	63
8/5/2000	S327	000-015	PR	12,000 J	1,190	2.3 J		1670	2,560	5.9	2.3	11,900	1.4 U	319	348 J
8/5/2000	S348	000-015	PR	24,900	327 J	3.1 J		21	15 U	1.1 U	0.3	4,030 J	1.4 U	7.4 J	54
8/5/2000	S349	000-015	PR	13,100 J	246	2.0 J		23	167	1.1	0.4	11,600	1.0 U	9.3	100 J
8/5/2000	S350	000-015	PR	26,900 J	348	10 J		63	14 U	1.0 U	0.2 U	6,460	1.3 U	7.9	65 J
8/5/2000	S351	000-015	PR	12,500 J	232	6.1 J		26	899	1.2	0.6	888	0.7 U	7.3	88 J
8/9/2000	S304	000-015	PR	11,300 J	355 J	2.2		20 J	1,450 J	1.2 J	0.1 U	1,430 J	0.9 U	11 J	89 J
8/9/2000	S434	000-015	PR	3,120 J	151 J	5.6E-02		9.1 J	160 J	1.2 J	0.1 U	4,490 J	0.9 U	4.3 J	24 J
8/9/2000	S435	000-005	PR	4,710 J	155 J	0.2		73 J	48 J	5.4 J	1.7 J	4,460 J	0.8 U	23 J	51 J
8/10/2000	S308	000-015	PR	6,770	467 J	4.2		158	1,610	1.1 U	2.1	2,030 J	1.5 U	71 J	240
8/10/2000	S314	000-015	PR	7,530	259 J	42		59	769	0.9	2.8	2,200 J	1.1 U	14 J	186
8/10/2000	S316	000-015	PR	6,080	107 J	0.4		4.6	355	0.5 U	0.1	383 J	0.6 U	5.4 J	53
8/10/2000	S322	000-015	PR	16,200	431 J	1.0		51	3,480	0.8 U	5.2	1,250 J	1.1	29 J	383
8/10/2000	S342	000-015	PR	34,700	341 J	0.7	3.2	21	16 U	1.2 U	0.2 U	2,400 J	2.9	9.5 J	58
8/10/2000	S344	000-015	PR	12,700	341	78	121	50	18	0.9 U	0.9	2,360 J	1.2 U	9.3 J	130
8/10/2000	S352	000-015	PR	11,200	186	18		32	1,170	0.8	1.8	4,120 J	1.0	14	218 J
8/10/2000	S354	000-015	PR	11,100	552 J	3.3	6.8	41	3,120	1.6 U	3.3	2,260 J	2.1 U	31 J	248
8/10/2000	S355	000-015	PR	11,900	510 J	3.0	6.7	33	2,960	1.7 U	3.5	2,470 J	2.2 U	27 J	257
8/11/2000	S315	000-015	PR	9,580	347	9.6	5,469	30	1,650	1.5 U	6.1	2,260 J	2.0 U	20	241
8/11/2000	S317	000-015	PR	9,690	290	17	8.1	34	1,140	1.6	4.9	1,440 J	1.4 U	16	269
8/11/2000	S332	000-015	PR	10,000	453 J	3.0	3.8	71	178	1.6	0.4	3,190 J	1.1 U	12	123
8/11/2000	S337	000-015	PR	5,810	572 J	15	15	424	1,620	2.7	2.4	1,900 J	1.3 U	133	328
8/11/2000	S372	000-015	PR	3,310	337	1.6	2.9	7.6	125	1.0	0.6	1,040 J	1.0 U	1.8	84
8/12/2000	S302	000-015	PR	11,300	391	3.0	2.1	17	1,680	1.0 U	0.2 U	1,260 J	1.3 U	14	122
8/12/2000	S303	000-015	PR	10,300	458	3.2	2.3	21	1,950	2.1	0.7	2,340 J	1.8 U	17	166
8/12/2000	S305	000-015	PR	13,800	328	2.5	3.7	15	1,790	1.1	0.2 U	793 J	1.1 U	14	112
8/13/2000	S320	000-015	PR	13,200	415 J	6.1	10	30	2,660	1.2 U	4.0	1,870 J	1.6 U	23 J	282
8/13/2000	S323	000-015	PR	6,450	351 J	1.6	3.9	37	1,060	0.8 U	2.4	996 J	1.0 U	9.7 J	323
8/13/2000	S365	000-015	PR	26,500	476 J	0.7	2.1	57	143	1.1 U	0.3	4,480 J	1.5 U	16 J	96
8/14/2000	S309	000-015	PR	9,280	364 J	26		139	641	1.2	2.7	2,790 J	1.3 U	34 J	265
8/14/2000	S310	000-015	PR	8,020	411 J	12		46	1,520	1.1 U	2.3	2,260 J	1.5 U	23 J	188
8/14/2000	S312	000-015	PR	11,600	163 J	33		41	12 U	0.9 U	0.4	5,050 J	1.1 U	5.1 J	79
8/15/2000	S340	000-002	PR	8,830 M	273 M	1.8 M		14 M	255 M	1.2 M	0.1 M	3,860 M	0.9 UM	8.2 M	50 M
8/15/2000	S351	000-002	PR	9,600	299	12		28	1,290	1.2	1.4	2,010	1.2 U	16	160
8/15/2000	S361	000-015	PR	4,945 M	242 M	0.4 M		8.2 M	498 M	0.5 M	0.1 UM	2,360 M	0.9 UM	4.6 M	53 M
8/15/2000	S362	000-015	PR	4,230	197 J	8.6E-02		3.8	210	0.6 U	0.1 U	6,560	0.8 U	2.2	17
8/15/2000	S363	000-002	PR	4,230	299	0.6 J		5.9	62	1.3 U	0.1 U	2,070 J	0.9 U	3.6	38
8/15/2000	S363	002-015	PR	8,970 M	179 M	0.2 M		19 M	190 M	0.7 UM	0.5 M	5,950 M	0.9 UM	6.5 M	113 M
8/15/2000	S364	000-015	PR	27,100	394 J	9.5E-02 U		14	99	1.2 U	0.3 U	4,760	1.6 U	8.9	39
8/15/2000	S366	000-015	PR	3,610	228	5.3E-02 U		4.2	659	0.9	0.1 U	3,690	0.9 U	3.7	28
8/15/2000	S367	000-002	PR	3,550	364	0.7 J		8.8	507	1.0	0.5	1,060 J	0.9 U	3.9	81

Table I-9B. (cont.)

Date	Station	cm	Sample	Magnesium (mg/kg)	Manganese (mg/kg)	Mercury (mg/kg)	Methylmercury (ug/kg)	Nickel (mg/kg)	Potassium (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Sodium (mg/kg)	Thallium (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)
8/15/2000	S367	002-015	PR	4,510	279	0.3		6.5	851	0.7	0.1 U	1,230	0.9 U	4.5	58
8/15/2000	S368	000-015	PR	3,630	316	0.2		4.7	673	0.8 U	0.2 U	3,390	1.0 U	3.9	34
8/15/2000	S369	000-015	PR	3,320	193	5.5E-02		3.0	422	0.9	0.1 U	1,770	0.9 U	2.6	22
8/16/2000	S356	000-015	PR	3,050	326	0.2 J		3.2	369	0.7	0.1 U	854 J	0.8 U	2.3	33
8/16/2000	S357	000-002	PR	2,840	418	1.2 J		6.1	577	0.9 U	0.4	1,240 J	1.2 U	2.4	77
8/16/2000	S357	002-015	PR	3,040	263	0.5 J		4.3	354	0.9	0.1 U	1,100 J	0.9 U	2.3	34
8/16/2000	S358	000-015	PR	3,390	196	4.5E-02 UJ		3.0	386	1.2 U	0.1 U	1,370 J	0.8 U	2.4	11
8/16/2000	S359	000-015	PR	18,200	305	1.9 J		13	1,760	0.7	0.1 U	1,050 J	0.7 U	12	52
8/16/2000	S360	000-002	PR	8,845 M	285 M	11 M		15 M	2,090 M	0.7 M	0.2 UM	1,600 M	1.0 UM	12 M	81 M
8/16/2000	S360	002-015	PR	7,085 M	329 M	3.7 M		11 M	1,385 M	0.7 UM	0.1 UM	8,845 M	0.9 UM	8.9 M	90 M
8/17/2000	S370	000-002	PR	2,880	197	0.6 J		5.9	225	0.7 U	0.3	744 J	0.9 U	2.3	52
8/17/2000	S370	002-015	PR	2,460	181	0.6 J		6.9	110	0.6 U	0.3	933 J	0.8 U	1.8	56
8/17/2000	S371	000-015	PR	4,410	262	0.5 J		9.5	436	0.9 U	0.3	1,010 J	1.2 U	8.9	102
8/17/2000	S373	000-002	PR	3,400	236	0.6 J		6.2	316	1.1	0.3	753	0.9 U	4.4	70 J
8/17/2000	S373	002-015	PR	3,950	212	0.9 J		15	656	1.3	1.2	1,070	0.9 U	7.7	147 J
8/17/2000	S374	000-015	PR	3,350	269	0.3 J		4.7	362	1.6	0.2 U	1,150	1.1 U	3.0	42 J

Table I-9C. 2000 Onondaga Lake Surface Sediment, Organics

Date	Station	Depth cm	Sample	1,1,1-Trichloro-ethane µg/kg	1,1,2,2-Tetrachloro-ethane µg/kg	1,1,2-Trichloro-ethane µg/kg	1,1-Dichloro-ethane µg/kg	1,1-Dichloro-ethene µg/kg	1,2-Dichloro-ethane µg/kg	1,2-Dichloro-propane µg/kg	2-Butanone µg/kg	2-Hexanone µg/kg
7/13/00	S324	000-015	PR	6.0 U	6.0 U	6.0 U	6.0 U	6.0 U	6.0 U	6.0 U	23 U	11 U
7/14/00	S318	000-015	PR	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	12 U	12 U
7/14/00	S325	000-002	PR	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.0	11 U
7/14/00	S325	002-015	PR	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	7.0 J	9.0 U
7/14/00	S326	000-015	PR	6.0 U	6.0 U	6.0 U	6.0 U	6.0 U	6.0 U	6.0 U	6.0	11 U
7/15/00	S328	000-015	PR	3.0 U	3.0 UJ	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	2.0 J	7.0 U
7/16/00	S329	000-015	PR	4.0 U	4.0 UJ	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	15 U	8.0 U
7/16/00	S330	000-015	PR	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	14 U	7.0 U
7/16/00	S331	000-015	PR	6.0 U	6.0 U	6.0 U	6.0 U	6.0 U	6.0 U	6.0 U	25 U	12 U
7/18/00	S307	000-015	PR	7.6 U	7.6 U	7.6 U	7.6 U	7.6 U	7.6 U	7.6 U	15 U	15 U
7/18/00	S313	000-015	PR	2.7 J	8.4 UJ	8.4 UJ	8.4 UJ	8.4 UJ	8.4 UJ	8.4 UJ	11 J	17 UJ
7/20/00	S311	000-015	PR	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	3,300 U	3,300 UJ
7/21/00	S306	000-015	PR									
7/22/00	S301	000-015	PR									
7/27/00	S353	000-015	PR	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	16 U	8.0 U
8/2/00	S333	000-015	PR	2,600 UJ	2,600 UJ	2,600 UJ	2,600 UJ	2,600 UJ	2,600 UJ	2,600 UJ	10,000 UR	5,100 UJ
8/2/00	S334	000-015	PR	2,200 U	2,200 U	2,200 U	2,200 U	2,200 U	2,200 U	2,200 U	8,900 UR	4,500 U
8/2/00	S335	000-015	PR	4,600 UJ	4,600 UJ	4,600 UJ	4,600 UJ	4,600 UJ	4,600 UJ	4,600 UJ	19,000 UR	9,300 UJ
8/3/00	S336	000-015	PR	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	6,200 UR	3,100 U
8/3/00	S338	000-015	PR	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	16,000 UR	8,100 UJ
8/3/00	S339	000-015	PR	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	12,000 UR	5,800 UJ
8/3/00	S340	000-015	PR	4,700 UJ	4,700 UJ	4,700 UJ	4,700 UJ	4,700 UJ	4,700 UJ	4,700 UJ	19,000 UR	9,400 UJ
8/4/00	S319	000-015	PR	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ	23 UJ	23 UJ
8/4/00	S321	000-015	PR	7.0 U	7.0 U	7.0 U	7.0 U	7.0 U	7.0 U	7.0 U	14 U	14 U
8/4/00	S341	000-015	PR	2,600 UJ	2,600 U	2,600 U	2,600 U	2,600 UJ	2,600 UJ	2,600 UJ	10,000 UR	5,100 U
8/4/00	S343	000-015	PR	2,200 UJ	2,200 UJ	2,200 UJ	2,200 UJ	2,200 UJ	2,200 UJ	2,200 UJ	8,600 UJ	4,300 UJ
8/4/00	S345	000-015	PR	7,400 UJ	7,400 UJ	7,400 UJ	7,400 UJ	7,400 UJ	7,400 UJ	7,400 UJ	29,000 UR	15,000 UJ
8/4/00	S346	000-015	PR	4,300 UJ	4,300 UJ	4,300 UJ	4,300 UJ	4,300 UJ	4,300 UJ	4,300 UJ	17,000 UR	8,600 UJ
8/4/00	S347	000-015	PR	2,600 UJ	2,600 UJ	2,600 UJ	2,600 UJ	2,600 UJ	2,600 UJ	2,600 UJ	10,000 UJ	5,200 UJ
8/5/00	S327	000-015	PR	11 U	11 U	11 U	11 U	11 U	11 U	11 U	26	22 UJ
8/5/00	S348	000-015	PR	3,600 UJ	3,600 UJ	3,600 UJ	3,600 UJ	3,600 UJ	3,600 UJ	3,600 UJ	14,000 UR	7,100 UJ
8/5/00	S349	000-015	PR	2,600 UJ	2,600 UJ	2,600 UJ	2,600 UJ	2,600 UJ	2,600 UJ	2,600 UJ	10,000 UR	5,100 UJ
8/5/00	S350	000-015	PR	3,100 U	3,100 U	3,100 U	3,100 U	3,100 U	3,100 U	3,100 U	12,000 UR	6,200 U
8/5/00	S351	000-015	PR	26 U	26 U	26 U	26 U	26 U	26 U	26 U	34	52 U
8/9/00	S304	000-015	PR	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	5.2	17 U
8/9/00	S434	000-015	PR	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	3.0 J	8.0 U
8/9/00	S435	000-005	PR	3,200 UJ	3,200 UJ	3,200 UJ	3,200 UJ	3,200 UJ	3,200 UJ	3,200 UJ	13,000 UR	6,500 UJ
8/10/00	S308	000-015	PR	15 UJ	15 UJ	15 UJ	15 UJ	15 UJ	15 UJ	15 UJ	43 J	30 UJ
8/10/00	S314	000-015	PR	1,400 U	1,400 U	1,400 U	1,400 U	1,400 U	1,400 U	1,400 U	2,700 U	2,700 U
8/10/00	S316	000-015	PR	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	13 U	13 U
8/10/00	S322	000-015	PR	52 U	52 U	52 U	52 U	52 U	52 U	52 U	94	100 U
8/10/00	S342	000-015	PR	680 U	680 U	680 U	680 U	680 U	680 U	680 U	2,700 UR	1,400 U

Table I-9C. (cont.)

Date	Station	Depth cm	Sample	1,1,1-Trichloro-ethane µg/kg	1,1,2,2-Tetrachloro-ethane µg/kg	1,1,2-Trichloro-ethane µg/kg	1,1-Dichloro-ethane µg/kg	1,1-Dichloro-ethene µg/kg	1,2-Dichloro-ethane µg/kg	1,2-Dichloro-propane µg/kg	2-Butanone µg/kg	2-Hexanone µg/kg
8/10/00	S344	000-015	PR	5,200 U	5,200 U	5,200 U	5,200 U	5,200 U	5,200 U	5,200 U	10,000 UR	5,200 U
8/10/00	S352	000-015	PR	440 U	440 U	440 U	440 U	440 U	440 U	440 U	1,800 UR	880 U
8/10/00	S354	000-015	PR	11 U	11 U	11 U	11 U	11 U	11 U	11 U	57	23 U
8/10/00	S355	000-015	PR	12 U	12 U	12 U	12 U	12 U	12 U	12 U	62	24 U
8/11/00	S315	000-015	PR	22 U	22 U	22 U	22 U	22 U	22 U	22 U	44	44 U
8/11/00	S317	000-015	PR	14 UJ	14 UJ	14 UJ	14 UJ	14 UJ	14 UJ	14 UJ	18 J	27 UJ
8/11/00	S332	000-015	PR	2,500 U	2,500 U	2,500 U	2,500 U	2,500 U	2,500 U	2,500 U	9,800 UR	4,900 U
8/11/00	S337	000-015	PR	6,400 U	6,400 U	6,400 U	6,400 U	6,400 U	6,400 U	6,400 U	26,000 UR	13,000 U
8/11/00	S372	000-015	PR									
8/12/00	S302	000-015	PR									
8/12/00	S303	000-015	PR									
8/12/00	S305	000-015	PR									
8/13/00	S320	000-015	PR	16 U	16 U	16 U	16 U	16 U	16 U	16 U	10	32 U
8/13/00	S323	000-015	PR	10 U	10 U	10 U	10 U	10 U	10 U	10 U	8.5	20 U
8/13/00	S365	000-015	PR	15 U	15 U	15 U	15	15 U	15 U	15 U	6.0	30 U
8/14/00	S309	000-015	PR	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	3,000 U	3,000 U
8/14/00	S310	000-015	PR	16 U	16 U	16 U	16 U	16 U	16 U	16 U	8.7	31 U
8/14/00	S312	000-015	PR	14,000 U	14,000 U	14,000 U	14,000 U	14,000 U	14,000 U	14,000 U	29,000 U	29,000 U
8/15/00	S340	000-002	PR	274 UM	274 UM	274 UM	274 UM	274 UM	138 M	274 UM	33 M	567 UM
8/15/00	S351	000-002	PR	6.0 U	6.0 U	6.0 U	6.0 U	6.0 U	6.0 U	6.0 U	3.0 J	13 UJ
8/15/00	S361	000-015	PR	9.0 UM	9.0 UM	9.0 UM	9.0 M	9.0 UM	9.0 UM	9.0 UM	6.0 M	18 UM
8/15/00	S362	000-015	PR	8.8 U	8.8 U	8.8 U	8.8	8.8 U	8.8 U	8.8 U	18 U	18 U
8/15/00	S363	000-002	PR	39 U	39 U	39 U	39	39 U	39 U	39 U	10	78 U
8/15/00	S363	002-015	PR	1,200 UM	1,200 UM	1,200 UM	1,200 M	1,200 UM	1,200 UM	1,200 UM	2,500 UM	2,500 UM
8/15/00	S364	000-015	PR	16 U	16 U	16 U	16	16 U	16 U	16 U	17	32 U
8/15/00	S366	000-015	PR									
8/15/00	S367	000-002	PR									
8/15/00	S367	002-015	PR									
8/15/00	S368	000-015	PR									
8/15/00	S369	000-015	PR									
8/16/00	S356	000-015	PR									
8/16/00	S357	000-002	PR									
8/16/00	S357	002-015	PR									
8/16/00	S358	000-015	PR									
8/16/00	S359	000-015	PR	7.4 U	7.4 U	7.4 U	7.4	7.4 U	7.4 U	7.4 U	15 U	15 U
8/16/00	S360	000-002	PR									
8/16/00	S360	002-015	PR									
8/17/00	S370	000-002	PR									
8/17/00	S370	002-015	PR									
8/17/00	S371	000-015	PR									
8/17/00	S373	000-002	PR									
8/17/00	S373	002-015	PR									
8/17/00	S374	000-015	PR									

Table I-9C. (cont.)

Date	Station	Depth cm	Sample	4-Methyl-2-pentanone µg/kg	Acetone µg/kg	Benzene µg/kg	Bromodichloro-methane µg/kg	Bromoform µg/kg	Bromomethane µg/kg	Carbon disulfide µg/kg	Carbon Tetrachloride µg/kg	Chloro-benzene µg/kg
7/13/00	S324	000-015	PR	11 U	26	730	6.0 U	6.0 U	11 U	4.0 J	6.0 U	4.0
7/14/00	S318	000-015	PR	12 U	25 U	2.0	6.2 U	6.2 U	6.2 UJ	12 U	6.2 U	14
7/14/00	S325	000-002	PR	11 U	17	5.0 U	5.0 U	5.0 U	11 U	5.0 UJ	5.0 UR	5.0 U
7/14/00	S325	002-015	PR	9.0 U	41	6.0	5.0 U	5.0 U	9.0 U	5.0 U	5.0 U	5.0 U
7/14/00	S326	000-015	PR	11 U	23 U	2.0	6.0 U	6.0 U	11 U	3.0 J	6.0 U	3.0
7/15/00	S328	000-015	PR	7.0 U	8.0 J	3.0 U	3.0 U	3.0 U	7.0 U	0.7 J	3.0 U	3.0 U
7/16/00	S329	000-015	PR	8.0 U	15 U	4.0 U	4.0 U	4.0 U	8.0 U	4.0 U	4.0 U	4.0 U
7/16/00	S330	000-015	PR	7.0 U	14 U	11	4.0 U	4.0 U	7.0 U	4.0 U	4.0 U	150
7/16/00	S331	000-015	PR	12 U	25 U	6.0 U	6.0 U	6.0 U	12 U	2.0 J	6.0 UR	45
7/18/00	S307	000-015	PR	15 U	30 U	7.6 U	7.6 U	7.6 U	7.6 UJ	15 U	7.6 U	6.2
7/18/00	S313	000-015	PR	17 UJ	54 J	79 J	8.4 UJ	8.4 UJ	8.4 UJ	13 J	8.4 UJ	19,000
7/20/00	S311	000-015	PR	3,300 U	6,600 U	800	1,700 U	1,700 U	1,700 U	3,300 U	1,700 UR	1,800
7/21/00	S306	000-015	PR									
7/22/00	S301	000-015	PR									
7/27/00	S353	000-015	PR	8.0 U	16 U	23	4.0 U	4.0 U	8.0 U	2.0 J	4.0 U	210
8/2/00	S333	000-015	PR	5,100 UJ	10,000 UR	4,300 J	2,600 UJ	2,600 UJ	5,100 UJ	2,600 UJ	2,600 UJ	430 J
8/2/00	S334	000-015	PR	4,500 U	8,900 UR	4,700	2,200 U	2,200 U	4,500 U	2,200 UJ	2,200 U	1,900 J
8/2/00	S335	000-015	PR	9,300 UJ	19,000 UR	42,000 J	4,600 UJ	4,600 UJ	9,300 UJ	4,600 UJ	4,600 UJ	90,000 J
8/3/00	S336	000-015	PR	3,100 U	6,200 UR	250 J	1,600 UJ	1,600 UJ	3,100 U	1,600 UJ	1,600 UJ	8,900
8/3/00	S338	000-015	PR	8,100 U	16,000 UR	290	4,000 U	4,000 U	8,100 UJ	4,000 UJ	4,000 UJ	19,000
8/3/00	S339	000-015	PR	5,800 U	12,000 UR	4,200	2,900 U	2,900 U	5,800 U	2,900 UJ	2,900 U	48,000
8/3/00	S340	000-015	PR	9,400 UJ	19,000 UR	2,500 J	4,700 UJ	4,700 UJ	9,400 UJ	4,700 UJ	4,700 UJ	3,600 J
8/4/00	S319	000-015	PR	23 UJ	48 UJ	12 UJ	12 UJ	12 UJ	12 UJ	23 UJ	12 UJ	55 J
8/4/00	S321	000-015	PR	14 U	24 UJ	7.0 U	7.0 U	7.0 U	7.0 U	14 U	7.0 U	7.0 U
8/4/00	S341	000-015	PR	5,100 U	10,000 UR	2,200 J	2,600 UJ	2,600 UJ	5,100 UJ	2,600 UJ	2,600 UJ	1,000 J
8/4/00	S343	000-015	PR	4,300 UJ	8,600 UR	1,200 J	2,200 UJ	2,200 UJ	4,300 UJ	2,200 UJ	2,200 UJ	9,000 J
8/4/00	S345	000-015	PR	15,000 UJ	29,000 UR	1,500 J	7,400 UJ	7,400 UJ	15,000 UJ	7,400 UJ	7,400 UJ	3,700 J
8/4/00	S346	000-015	PR	8,600 UJ	17,000 UR	760 J	4,300 UJ	4,300 UJ	8,600 UJ	4,300 UJ	4,300 UJ	5,000 J
8/4/00	S347	000-015	PR	5,200 UJ	10,000 UR	400 J	2,600 UJ	2,600 UJ	5,200 UJ	2,600 UJ	2,600 UJ	10,000 J
8/5/00	S327	000-015	PR	22 U	120 U	88	11 U	11 U	22 U	4.0	11 U	400
8/5/00	S348	000-015	PR	7,100 UJ	14,000 UR	3,600 UJ	3,600 UJ	3,600 UJ	7,100 UJ	3,600 UJ	3,600 UJ	3,600 J
8/5/00	S349	000-015	PR	5,100 UJ	10,000 UR	1,600 J	2,600 UJ	2,600 UJ	5,100 UJ	2,600 UJ	2,600 UJ	220 J
8/5/00	S350	000-015	PR	6,200 U	12,000 UR	120	3,100 U	3,100 U	6,200 U	3,100 U	3,100 U	2,400
8/5/00	S351	000-015	PR	52 U	170	190	26 U	26 U	52 U	10	26 U	2,000
8/9/00	S304	000-015	PR	17 U	23	8.7 U	8.7 U	8.7 U	8.7 U	17 U	8.7 U	8.7 U
8/9/00	S434	000-015	PR	8.0 U	40 U	5.0	4.0 U	4.0 U	8.0 U	4.0 U	4.0 U	5.0
8/9/00	S435	000-005	PR	6,500 UJ	13,000 UR	30,000 J	3,200 UJ	3,200 UJ	6,500 UJ	3,200 UJ	3,200 UJ	2,900 J
8/10/00	S308	000-015	PR	30 UJ	250 J	15 UJ	15 UJ	15 UJ	15 UJ	17 J	15 UJ	200 J
8/10/00	S314	000-015	PR	2,700 U	5,400 U	2,600	1,400 U	1,400 U	1,400 U	2,700 U	1,400 U	110,000
8/10/00	S316	000-015	PR	13 U	28 UJ	6.4 U	6.4 U	6.4 U	6.4 U	13 U	6.4 U	6.4 U
8/10/00	S322	000-015	PR	100 U	290	25	52 U	52 U	52 U	100 U	52 U	230
8/10/00	S342	000-015	PR	1,400 U	2,700 UR	180	680 U	680 U	1,400 U	680 U	680 U	230

Table I-9C. (cont.)

Date	Station	Depth cm	Sample	4-Methyl-2-pentanone µg/kg	Acetone µg/kg	Benzene µg/kg	Bromodichloro-methane µg/kg	Bromoform µg/kg	Bromomethane µg/kg	Carbon disulfide µg/kg	Carbon Tetrachloride µg/kg	Chloro-benzene µg/kg
8/10/00	S344	000-015	PR	10,000 U	10,000 UR	5,200 U	5,200 U	5,200 U	10,000 U	5,200 U	5,200 U	120,000
8/10/00	S352	000-015	PR	880 U	1,800 UR	110 J	440 U	440 U	880 U	440 U	440 U	9,900
8/10/00	S354	000-015	PR	23 U	220 U	73	11 U	11 U	23 U	8.0	11 U	49
8/10/00	S355	000-015	PR	24 U	180 U	20	12 U	12 U	24 U	10	12 U	44
8/11/00	S315	000-015	PR	44 U	170	9.8	22 U	22 U	22 U	6.7	22 U	140
8/11/00	S317	000-015	PR	27 UJ	100 J	14 J	14 UJ	14 UJ	14 UJ	6.6 J	14 UJ	360 J
8/11/00	S332	000-015	PR	4,900 U	9,800 UR	410	2,500 U	2,500 U	4,900 U	2,500 U	2,500 U	2,800
8/11/00	S337	000-015	PR	13,000 U	26,000 UR	370	6,400 U	6,400 U	13,000 U	6,400 U	6,400 U	65,000
8/11/00	S372	000-015	PR									
8/12/00	S302	000-015	PR									
8/12/00	S303	000-015	PR									
8/12/00	S305	000-015	PR									
8/13/00	S320	000-015	PR	32 U	51	4.5	16 U	16 U	16 U	32 U	16 U	45
8/13/00	S323	000-015	PR	20 U	33	10 U	10 U	10 U	10 U	20 U	10 U	55
8/13/00	S365	000-015	PR	30 U	28	15 U	15 U	15 U	15 U	30 U	15 U	15 U
8/14/00	S309	000-015	PR	3,000 U	6,000 U	3,100	1,500 U	1,500 U	1,500 U	3,000 U	1,500 U	120,000
8/14/00	S310	000-015	PR	31 U	40 U	65	16 U	16 U	16 U	31 U	16 U	1,600 J
8/14/00	S312	000-015	PR	29,000 U	57,000 U	9,200	14,000 U	14,000 U	14,000 U	29,000 U	14,000 U	1,000,000
8/15/00	S340	000-002	PR	567 UM	170 UM	166 M	274 UM	274 UM	567 UM	140 M	274 UM	1,270 M
8/15/00	S351	000-002	PR	13 UJ	78 UJ	18	6.0 U	6.0 UJ	13 U	13 U	6.0 U	350 J
8/15/00	S361	000-015	PR	18 UM	20 UM	9.0 UM	9.0 UM	9.0 UM	9.0 UM	18 UM	9.0 UM	9.0 UM
8/15/00	S362	000-015	PR	18 U	20 U	8.8 U	8.8 U	8.8 U	8.8 U	2.1	8.8 U	8.8 U
8/15/00	S363	000-002	PR	78 U	80 U	170	39 U	39 U	39 U	78 U	39 U	39 U
8/15/00	S363	002-015	PR	2,500 UM	4,950 UM	1,075 M	1,200 UM	1,200 UM	1,200 UM	2,500 UM	1,200 UM	1,200 UM
8/15/00	S364	000-015	PR	32 U	81	6.8	16 U	16 U	16 U	32 U	16 U	16 U
8/15/00	S366	000-015	PR									
8/15/00	S367	000-002	PR									
8/15/00	S367	002-015	PR									
8/15/00	S368	000-015	PR									
8/15/00	S369	000-015	PR									
8/16/00	S356	000-015	PR									
8/16/00	S357	000-002	PR									
8/16/00	S357	002-015	PR									
8/16/00	S358	000-015	PR									
8/16/00	S359	000-015	PR	15 U	30 U	7.4 U	7.4 U	7.4 U	7.4 U	15 U	7.4 U	7.4 U
8/16/00	S360	000-002	PR									
8/16/00	S360	002-015	PR									
8/17/00	S370	000-002	PR									
8/17/00	S370	002-015	PR									
8/17/00	S371	000-015	PR									
8/17/00	S373	000-002	PR									
8/17/00	S373	002-015	PR									
8/17/00	S374	000-015	PR									

Table I-9C. (cont.)

Date	Station	Depth cm	Sample	Chloroethane µg/kg	Chloroform µg/kg	Chloro-methane µg/kg	Cis-1,2-dichloroethene µg/kg	Cis-1,3-dichloropropene µg/kg	Dibromochloro-methane µg/kg	Ethylbenzene µg/kg	Methylene chloride µg/kg	Styrene µg/kg	Tetrachloro-ethene µg/kg
7/13/00	S324	000-015	PR	11 U	6.0 U	11 U	6.0 U	6.0 U	6.0 U	10	11 U	6.0 U	6.0 U
7/14/00	S318	000-015	PR	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	6.2 U
7/14/00	S325	000-002	PR	11 U	5.0 U	11 U	5.0 U	5.0 U	5.0 U	5.0 U	11 U	5.0 U	5.0 U
7/14/00	S325	002-015	PR	9.0 U	5.0 U	9.0 U	5.0 U	5.0 U	5.0 UR	1.0 J	9.0 U	5.0 U	5.0 U
7/14/00	S326	000-015	PR	11 U	6.0 U	11 U	6.0 U	6.0 U	6.0 UR	6.0 U	11 U	6.0 U	6.0 U
7/15/00	S328	000-015	PR	7.0 U	3.0 U	7.0 U	3.0 U	3.0 U	3.0 U	3.0 U	7.0 U	3.0 U	3.0 U
7/16/00	S329	000-015	PR	8.0 U	4.0 U	8.0 U	4.0 U	4.0 U	4.0 U	4.0 U	8.0 U	4.0 U	4.0 U
7/16/00	S330	000-015	PR	7.0 U	4.0 U	7.0 U	4.0 U	4.0 U	4.0 UR	4.0 U	7.0 U	4.0 U	4.0 U
7/16/00	S331	000-015	PR	12 U	6.0 U	12 U	6.0 U	6.0 U	6.0 U	6.0 U	12 U	6.0 U	6.0 U
7/18/00	S307	000-015	PR	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	7.6 U
7/18/00	S313	000-015	PR	8.4 UJ	8.4 UJ	8.4 UJ	2.4 J	8.4 UJ	8.4 UJ	66 J	8.4 UJ	8.4 UJ	3.0 J
7/20/00	S311	000-015	PR	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,700 U	1,400	1,700 U	1,700 U	1,700 U
7/21/00	S306	000-015	PR										
7/22/00	S301	000-015	PR										
7/27/00	S353	000-015	PR	8.0 U	4.0 U	8.0 U	4.0 U	4.0 U	4.0 U	3.0 J	10 J	4.0 U	4.0 U
8/2/00	S333	000-015	PR	5,100 UJ	2,600 UJ	5,100 UJ	2,600 UJ	2,600 UJ	2,600 UJ	1,200 J	5,100 UJ	2,600 UJ	2,600 UJ
8/2/00	S334	000-015	PR	4,500 UJ	2,200 U	4,500 U	2,200 U	2,200 U	2,200 U	620 J	4,500 U	2,200 U	2,200 U
8/2/00	S335	000-015	PR	9,300 UJ	4,600 UJ	9,300 UJ	4,600 UJ	4,600 UJ	4,600 UJ	330 J	9,300 UJ	4,600 UJ	4,600 UJ
8/3/00	S336	000-015	PR	3,100 U	1,600 U	3,100 U	1,600 U	1,600 U	1,600 UJ	1,600 U	3,100 U	1,600 U	1,600 U
8/3/00	S338	000-015	PR	8,100 UJ	4,000 U	8,100 UJ	4,000 U	4,000 U	4,000 U	4,000 U	8,100 U	4,000 U	4,000 U
8/3/00	S339	000-015	PR	5,800 UJ	2,900 U	5,800 U	2,900 U	2,900 U	2,900 U	360	5,800 U	2,900 U	2,900 U
8/3/00	S340	000-015	PR	9,400 UJ	4,700 UJ	9,400 UJ	4,700 UJ	4,700 UJ	4,700 UJ	780 J	9,400 UJ	1,700 J	4,700 UJ
8/4/00	S319	000-015	PR	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ
8/4/00	S321	000-015	PR	7.0 U	7.0 U	7.0 U	7.0 U	7.0 U	7.0 U	7.0 U	7.0 U	7.0 U	7.0 U
8/4/00	S341	000-015	PR	5,100 U	2,600 UJ	5,100 UJ	2,600 U	2,600 U	2,600 UJ	690 J	5,100 U	690 J	2,600 U
8/4/00	S343	000-015	PR	4,300 UJ	2,200 UJ	4,300 UJ	2,200 UJ	2,200 UJ	2,200 UJ	1,400 J	2,300 J	610 J	2,200 UJ
8/4/00	S345	000-015	PR	15,000 UJ	7,400 UJ	15,000 UJ	7,400 UJ	7,400 UJ	7,400 UJ	6,100 J	8,000 J	2,200 J	7,400 UJ
8/4/00	S346	000-015	PR	8,600 UJ	4,300 UJ	8,600 UJ	4,300 UJ	4,300 UJ	4,300 UJ	2,200 J	4,900 J	800 J	4,300 UJ
8/4/00	S347	000-015	PR	5,200 UJ	2,600 UJ	5,200 UJ	2,600 UJ	2,600 UJ	2,600 UJ	480 J	3,000 J	340 J	2,600 UJ
8/5/00	S327	000-015	PR	22 U	11 U	22 U	11 U	11 U	11 U	18	22 U	11 U	11 U
8/5/00	S348	000-015	PR	7,100 UJ	3,600 UJ	7,100 UJ	3,600 UJ	3,600 UJ	3,600 UJ	1,200 J	7,100 UJ	490 J	3,600 UJ
8/5/00	S349	000-015	PR	5,100 UJ	2,600 UJ	5,100 UJ	2,600 UJ	2,600 UJ	2,600 UJ	630 J	5,100 UJ	1,200 J	2,600 UJ
8/5/00	S350	000-015	PR	6,200 U	3,100 U	6,200 U	3,100 U	3,100 U	3,100 U	1,100 J	6,200 U	610	3,100 U
8/5/00	S351	000-015	PR	52 U	26 U	52 U	26 U	26 U	26 U	12	52 U	26 U	26 U
8/9/00	S304	000-015	PR	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	8.7 U
8/9/00	S434	000-015	PR	8.0 U	4.0 U	8.0 U	4.0 U	4.0 U	4.0 U	0.9 J	4.0 U	4.0 U	4.0 U
8/9/00	S435	000-005	PR	6,500 UJ	3,200 UJ	6,500 UJ	3,200 UJ	3,200 UJ	3,200 UJ	71,000 J	6,500 UJ	2,300 J	3,200 UJ
8/10/00	S308	000-015	PR	15 UJ	15 UJ	15 UJ	15 UJ	15 UJ	15 UJ	15 UJ	15 UJ	15 UJ	15 UJ
8/10/00	S314	000-015	PR	1,400 U	1,400 U	1,400 U	1,400 U	1,400 U	1,400 U	4,300	1,400 U	1,400 U	1,400 U
8/10/00	S316	000-015	PR	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	6.4 U
8/10/00	S322	000-015	PR	52 U	52 U	52 U	52 U	52 U	52 U	330	52 U	52 U	52 U
8/10/00	S342	000-015	PR	1,400 UJ	680 U	1,400 U	680 U	680 U	680 U	590	1,400 U	680 U	680 U

Table I-9C. (cont.)

Date	Station	Depth cm	Sample	Chloroethane µg/kg	Chloroform µg/kg	Chloro-methane µg/kg	Cis-1,2-dichloroethene µg/kg	Cis-1,3-dichloropropene µg/kg	Dibromochloro-methane µg/kg	Ethylbenzene µg/kg	Methylene chloride µg/kg	Styrene µg/kg	Tetrachloro-ethene µg/kg
8/10/00	S344	000-015	PR	10,000 UJ	5,200 U	10,000 U	5,200 U	5,200 U	5,200 U	2,100	10,000 U	5,200 U	5,200 U
8/10/00	S352	000-015	PR	880 UJ	440 U	880 U	440 U	440 U	440 U	700	880 U	440 U	440 U
8/10/00	S354	000-015	PR	23 U	11 U	23 U	11 U	11 U	11 U	4.0	23 U	11 U	11 U
8/10/00	S355	000-015	PR	24 U	12 U	24 U	12 U	12 U	12 U	7.0	12 U	12 U	12 U
8/11/00	S315	000-015	PR	22 U	22 U	22 U	22 U	22 U	22 U	12	22 U	22 U	22 U
8/11/00	S317	000-015	PR	14 UJ	14 UJ	14 UJ	14 UJ	14 UJ	14 UJ	14 UJ	14 UJ	14 UJ	14 UJ
8/11/00	S332	000-015	PR	4,900 U	2,500 U	4,900 U	2,500 U	2,500 U	2,500 U	1,600	4,900 U	2,500 U	2,500 U
8/11/00	S337	000-015	PR	13,000 U	6,400 U	13,000 U	6,400 U	6,400 U	6,400 U	6,400 U	13,000 U	6,400 U	6,400 U
8/11/00	S372	000-015	PR										
8/12/00	S302	000-015	PR										
8/12/00	S303	000-015	PR										
8/12/00	S305	000-015	PR										
8/13/00	S320	000-015	PR	16 U	16 U	16 U	16 U	16 U	16 U	4.5	16 U	16 U	16 U
8/13/00	S323	000-015	PR	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
8/13/00	S365	000-015	PR	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U
8/14/00	S309	000-015	PR	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	7,000	1,500 U	1,500 U	1,500 U
8/14/00	S310	000-015	PR	16 U	16 U	16 UJ	16 U	16 U	16 U	8.4	16 U	16 U	16 U
8/14/00	S312	000-015	PR	14,000 U	14,000 U	14,000 U	14,000 U	14,000 U	14,000 U	6,000	14,000 U	4,800	14,000 U
8/15/00	S340	000-002	PR	567 UM	274 UM	567 UM	274 UM	274 UM	274 UM	429 M	290 M	809 M	274 UM
8/15/00	S351	000-002	PR	13 U	6.0 U	13 U	1.0	6.0 U	6.0 UJ	11 J	13 U	6.0 UJ	2.0 J
8/15/00	S361	000-015	PR	9.0 UM	9.0 UM	9.0 UM	9.0 UM	9.0 UM	9.0 UM	9.0 UM	9.0 UM	9.0 UM	9.0 UM
8/15/00	S362	000-015	PR	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	8.8 U
8/15/00	S363	000-002	PR	39 U	39 U	39 U	39 U	39 U	39 U	190	39 U	39 U	39 U
8/15/00	S363	002-015	PR	1,200 UM	1,200 UM	1,200 UM	1,200 UM	1,200 UM	1,200 UM	1,100 M	1,200 UM	1,200 UM	1,200 UM
8/15/00	S364	000-015	PR	16 U	16 U	16 UJ	16 U	16 U	16 U	16 U	4.2	16 U	16 U
8/15/00	S366	000-015	PR										
8/15/00	S367	000-002	PR										
8/15/00	S367	002-015	PR										
8/15/00	S368	000-015	PR										
8/15/00	S369	000-015	PR										
8/16/00	S356	000-015	PR										
8/16/00	S357	000-002	PR										
8/16/00	S357	002-015	PR										
8/16/00	S358	000-015	PR										
8/16/00	S359	000-015	PR	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	7.4 U
8/16/00	S360	000-002	PR										
8/16/00	S360	002-015	PR										
8/17/00	S370	000-002	PR										
8/17/00	S370	002-015	PR										
8/17/00	S371	000-015	PR										
8/17/00	S373	000-002	PR										
8/17/00	S373	002-015	PR										
8/17/00	S374	000-015	PR										

Table I-9C. (cont.)

Date	Station	Depth cm	Sample	Toluene µg/kg	trans-1,2-Dichloroethene µg/kg	Trans-1,3-dichloropropene µg/kg	Trichloro-ethene µg/kg	Vinyl chloride µg/kg	Xylene (m,p&o) µg/kg	Xylene (m,p) µg/kg	Xylene (o) µg/kg	Xylene (Total) µg/kg	1,2,4-Trichloro-benzene µg/kg
7/13/00	S324	000-015	PR	140	6.0 U	6.0 U	6.0 U	11 U				65	77 U
7/14/00	S318	000-015	PR	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U		42 UJ
7/14/00	S325	000-002	PR	5.0 U	5.0 U	5.0 U	5.0 U	11 U				5.0 U	72 U
7/14/00	S325	002-015	PR	5.0 U	5.0 U	5.0 UR	5.0 U	9.0 U				14	72 UJ
7/14/00	S326	000-015	PR	6.0 U	6.0 U	6.0 UR	6.0 U	11 U				3.0	78 U
7/15/00	S328	000-015	PR	3.0 U	3.0 U	3.0 U	3.0 U	7.0 U				3.0 U	51 UJ
7/16/00	S329	000-015	PR	4.0 U	4.0 U	4.0 U	4.0 U	8.0 U				4.0 U	61 UJ
7/16/00	S330	000-015	PR	4.0 U	4.0 U	4.0 UR	4.0 U	7.0 U				4.0 U	55 U
7/16/00	S331	000-015	PR	6.0 U	6.0 U	6.0 U	6.0 U	12 U				10	89 UJ
7/18/00	S307	000-015	PR	7.6 U	7.6 U	7.6 U	7.6 U	7.6 U	2.1	2.1	7.6 U		55 U
7/18/00	S313	000-015	PR	100 J	8.4 UJ	8.4 UJ	1.7 J	8.4 UJ	730	490 J	240 J		11,000 U
7/20/00	S311	000-015	PR	3,700	1,700 U	1,700 U	1,700 U	1,700 U	33,000	25,000	8,000		350 U
7/21/00	S306	000-015	PR										52 UJ
7/22/00	S301	000-015	PR										62 UJ
7/27/00	S353	000-015	PR	8.0 U	4.0 U	4.0 U	4.0 U	8.0 U				14	540 U
8/2/00	S333	000-015	PR	550 J	2,600 UJ	2,600 UJ	2,600 UJ	5,100 UJ				3,500 J	2,500 U
8/2/00	S334	000-015	PR	680 J	2,200 U	2,200 UR	2,200 U	4,500 U				6,200	170 U
8/2/00	S335	000-015	PR	4,600 UJ	4,600 UJ	4,600 UR	4,600 UJ	9,300 UJ				570 J	340 U
8/3/00	S336	000-015	PR	1,600 U	1,600 U	1,600 U	1,600 U	3,100 U				1,600 U	33 U
8/3/00	S338	000-015	PR	4,000 U	4,000 U	4,000 UR	4,000 U	8,100 U				4,000 U	33 U
8/3/00	S339	000-015	PR	2,900 U	2,900 U	2,900 UR	2,900 U	5,800 U				1,800	33 U
8/3/00	S340	000-015	PR	1,100 J	4,700 UJ	4,700 UJ	4,700 UJ	9,400 UJ				23,000 J	500
8/4/00	S319	000-015	PR	12 UJ	12 UJ	12 UJ	12 UJ	12 UJ	12 U	12 UJ	12 UJ		68 UJ
8/4/00	S321	000-015	PR	7.0 U	7.0 U	7.0 U	7.0 U	7.0 U	7.0 U	7.0 U	7.0 U		46 U
8/4/00	S341	000-015	PR	4,000	2,600 U	2,600 UJ	2,600 U	5,100 U				13,000	330
8/4/00	S343	000-015	PR	2,200 J	2,200 UJ	2,200 UJ	2,200 UJ	4,300 UJ				34,000 J	1,100 U
8/4/00	S345	000-015	PR	8,300 J	7,400 UJ	7,400 UJ	7,400 UJ	15,000 UJ				150,000 J	790 U
8/4/00	S346	000-015	PR	2,400 J	4,300 UJ	4,300 UJ	4,300 UJ	8,600 UJ				53,000 J	270 U
8/4/00	S347	000-015	PR	950 J	2,600 UJ	2,600 UJ	2,600 UJ	5,200 UJ				9,800 J	3,700
8/5/00	S327	000-015	PR	21	11 U	11 U	11 U	22 U				90	890 U
8/5/00	S348	000-015	PR	710 J	3,600 UJ	3,600 UJ	3,600 UJ	7,100 UJ				16,000 J	980 U
8/5/00	S349	000-015	PR	4,100 J	2,600 UJ	2,600 UJ	2,600 UJ	5,100 UJ				9,500 J	340 U
8/5/00	S350	000-015	PR	380	3,100 U	3,100 U	3,100 U	6,200 U				14,000	340
8/5/00	S351	000-015	PR	47	26 U	26 U	26 U	52 U				170	2,400
8/9/00	S304	000-015	PR	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U	8.7 U		54 U
8/9/00	S434	000-015	PR	4.0 U	4.0 U	4.0 U	4.0 U	8.0 U				4.0 U	55 U
8/9/00	S435	000-005	PR	6,900 J	3,200 UJ	3,200 UJ	3,200 UJ	6,500 UJ				330,000 J	230,000 U
8/10/00	S308	000-015	PR	15 UJ	15 UJ	15 UJ	15 UJ	15 UJ	15 U	15 UJ	15 UJ		96 UJ
8/10/00	S314	000-015	PR	570	1,400 U	1,400 U	1,400 U	1,400 U	33,000	21,000	12,000		1,400 UJ
8/10/00	S316	000-015	PR	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U	6.4 U		86 U
8/10/00	S322	000-015	PR	52 U	52 U	52 U	52 U	52 U	770	460	310		200 UJ
8/10/00	S342	000-015	PR	460	680 U	680 U	680 U	1,400 U				9,900	580 U

Table I-9C. (cont.)

Date	Station	Depth cm	Sample	Toluene µg/kg	trans-1,2-Dichloroethene µg/kg	Trans-1,3-dichloropropene µg/kg	Trichloro-ethene µg/kg	Vinyl chloride µg/kg	Xylene (m,p&o) µg/kg	Xylene (m,p) µg/kg	Xylene (o) µg/kg	Xylene (Total) µg/kg	1,2,4-Trichloro-benzene µg/kg
8/10/00	S344	000-015	PR	5,200 U	5,200 U	5,200 U	5,200 U	10,000 U				7,800	35,000
8/10/00	S352	000-015	PR	160 J	440 U	440 U	440 U	880 U				1,600	600 UJ
8/10/00	S354	000-015	PR	47	11 U	11 U	11 U	23 U				6.0	130 UJ
8/10/00	S355	000-015	PR	90	12 U	12 U	12 U	24 U				6.0	140 UJ
8/11/00	S315	000-015	PR	9.8	22 U	22 U	22 U	22 U	13	13	22 U		130 U
8/11/00	S317	000-015	PR	5.2 J	14 UJ	14 UJ	14 UJ	14 UJ	17	12 J	5.2 J		86 U
8/11/00	S332	000-015	PR	2,500 U	2,500 U	2,500 U	2,500 U	4,900 U				170	620 U
8/11/00	S337	000-015	PR	6,400 U	6,400 U	6,400 U	6,400 U	13,000 U				6,400 U	81 U
8/11/00	S372	000-015	PR										57 U
8/12/00	S302	000-015	PR										77 U
8/12/00	S303	000-015	PR										110 U
8/12/00	S305	000-015	PR										72 U
8/13/00	S320	000-015	PR	3.2	16 U	16 U	16 U	16 U	4.5	4.5	16 U		96 U
8/13/00	S323	000-015	PR	10 U	10 U	10 U	10 U	10 U	3.3	3.3	10 U		61 U
8/13/00	S365	000-015	PR	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U		87 U
8/14/00	S309	000-015	PR	4,800	1,500 U	1,500 U	1,500 U	1,500 U	50,000	34,000	16,000		1,600 U
8/14/00	S310	000-015	PR	16 U	16 U	16 U	16 U	16 U	58	37	21		190 U
8/14/00	S312	000-015	PR	5,700	14,000 U	14,000 U	14,000 U	14,000 U	123,000	100,000	23,000		5,400
8/15/00	S340	000-002	PR	762 M	274 UM	274 UM	274 UM	567 UM				11,100 M	364 UM
8/15/00	S351	000-002	PR	6.0 U	6.0 U	6.0 U	4.0	13 U				46 J	72 UJ
8/15/00	S361	000-015	PR	9.0 UM	9.0 UM	9.0 UM	9.0 UM	9.0 UM	9.0 U	9.0 UM	9.0 UM		56 UM
8/15/00	S362	000-015	PR	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U	8.8 U		53 U
8/15/00	S363	000-002	PR	1,300	39 U	39 U	39 U	39 U	3,900	2,900	1,000		51 UJ
8/15/00	S363	002-015	PR	8,000 M	1,200 UM	1,200 UM	1,200 UM	1,200 UM	28,850	23,000 M	5,850 M		374 UM
8/15/00	S364	000-015	PR	16 U	16 U	16 U	16 U	16 U	16 U	16 U	16 U		110 UJ
8/15/00	S366	000-015	PR										63 U
8/15/00	S367	000-002	PR										58 U
8/15/00	S367	002-015	PR										58 U
8/15/00	S368	000-015	PR										65 U
8/15/00	S369	000-015	PR										57 U
8/16/00	S356	000-015	PR										56 U
8/16/00	S357	000-002	PR										72 U
8/16/00	S357	002-015	PR										59 U
8/16/00	S358	000-015	PR										55 U
8/16/00	S359	000-015	PR	7.4 U	7.4 U	7.4 U	7.4 U	7.4 U	7.4 U	7.4 U	7.4 U		49 UJ
8/16/00	S360	000-002	PR										59 UM
8/16/00	S360	002-015	PR										60 UM
8/17/00	S370	000-002	PR										55 UJ
8/17/00	S370	002-015	PR										51 UJ
8/17/00	S371	000-015	PR										65 UJ
8/17/00	S373	000-002	PR										57 UJ
8/17/00	S373	002-015	PR										57 UJ
8/17/00	S374	000-015	PR										67 UJ

Table I-9C. (cont.)

Date	Station	Depth cm	Sample	1,2-Dichloro-benzene µg/kg	1,3-Dichloro-benzene µg/kg	1,4-Dichloro-benzene µg/kg	2,2'-Oxybis(1-chloropropane) µg/kg	2,4,5-Trichlorophenol µg/kg	2,4,6-Trichlorophenol µg/kg	2,4-Dichlorophenol µg/kg	2,4-Dimethylphenol µg/kg
7/13/00	S324	000-015	PR	77 U	77 U	77 U	77 U	400 U	400 U	400 U	400 U
7/14/00	S318	000-015	PR	38 J	42 UJ	140 J	42 UJ	220 UJ	220 UJ	220 UJ	220 UJ
7/14/00	S325	000-002	PR	72 U	72 U	72 U	72 U	370 U	370 U	370 U	370 U
7/14/00	S325	002-015	PR	72 UJ	72 UJ	72 UJ	72 UJ	370 U	370 U	370 U	370 U
7/14/00	S326	000-015	PR	78 U	78 U	78 U	78 U	400 U	400 U	400 U	400 U
7/15/00	S328	000-015	PR	51 UJ	51 UJ	51 UJ	51 UJ	260 UJ	260 UJ	260 UJ	260 UJ
7/16/00	S329	000-015	PR	61 UJ	61 UJ	61 UJ	61 UJ	320 UJ	320 UJ	320 UJ	320 UJ
7/16/00	S330	000-015	PR	55 U	55 U	55 U	55 U	280 UJ	280 UJ	280 UJ	280 UJ
7/16/00	S331	000-015	PR	89 UJ	89 UJ	49 J	89 UJ	460 UJ	460 UJ	460 UJ	460 UJ
7/18/00	S307	000-015	PR	55 U	55 U	55 U	55 UJ	280 U	280 U	280 U	280 U
7/18/00	S313	000-015	PR	11,000 U	11,000 U	9,800	11,000 U	59,000 U	59,000 U	59,000 U	59,000 U
7/20/00	S311	000-015	PR	460	350 U	350 U	350 U	1,800 U	1,800 U	1,800 U	1,800 U
7/21/00	S306	000-015	PR	52 UJ	52 UJ	52 UJ	52 UJ	270 UJ	270 UJ	270 UJ	270 UJ
7/22/00	S301	000-015	PR	62 UJ	62 UJ	62 UJ	62 UJ	320 UJ	320 UJ	320 UJ	320 UJ
7/27/00	S353	000-015	PR	850	540 U	2,200 J	540 U	2,800 U	2,800 U	2,800 U	2,800 U
8/2/00	S333	000-015	PR	2,500 U	2,500 U	2,500 UJ	2,500 U	13,000 U	13,000 U	13,000 U	13,000 U
8/2/00	S334	000-015	PR	180	170 U	290 J	170 U	880 U	880 U	880 U	880 U
8/2/00	S335	000-015	PR	440	340 U	340 UJ	340 U	1,700 U	1,700 U	1,700 U	1,700 U
8/3/00	S336	000-015	PR	33 U	660	5,500	33 U	170 U	170 U	170 U	170 U
8/3/00	S338	000-015	PR	33 U	33 U	590	33 U	170 U	170 U	170 U	170 U
8/3/00	S339	000-015	PR	180	220	1,900	33 U	170 U	170 U	170 U	170 U
8/3/00	S340	000-015	PR	4,000	33 U	11,000	33 U	170 U	170 U	170 U	170 U
8/4/00	S319	000-015	PR	68 UJ	68 UJ	200 J	68 UJ	350 UJ	350 UJ	350 UJ	350 UJ
8/4/00	S321	000-015	PR	46 U	46 U	46 U	46 U	240 U	240 U	240 U	240 U
8/4/00	S341	000-015	PR	1,300	61 U	2,500	61 U	310 U	310 U	310 U	310 U
8/4/00	S343	000-015	PR	5,200	1,100 U	6,200	1,100 U	5,700 U	5,700 U	5,700 U	5,700 U
8/4/00	S345	000-015	PR	810	790 U	2,100	790 U	4,100 UJ	4,100 UJ	4,100 UJ	4,100 UJ
8/4/00	S346	000-015	PR	820	270 U	1,500	270 U	1,400 U	1,400 U	1,400 U	1,400 U
8/4/00	S347	000-015	PR	19,000	540 U	31,000	540 U	2,800 UJ	2,800 UJ	2,800 UJ	2,800 UJ
8/5/00	S327	000-015	PR	890 U	890 U	890 U	890 U	4,600 U	4,600 U	4,600 U	4,600 U
8/5/00	S348	000-015	PR	2,100	980 U	6,100	980 U	5,100 U	5,100 U	5,100 U	5,100 U
8/5/00	S349	000-015	PR	340 U	340 U	610	340 U	1,700 U	1,700 U	1,700 U	990
8/5/00	S350	000-015	PR	2,400	88 U	2,800	88 U	450 U	450 U	450 U	450 U
8/5/00	S351	000-015	PR	3,800	710	7,100	180 U	920 U	920 U	920 U	920 U
8/9/00	S304	000-015	PR	54 U	81 J	54 U	54 U	280 U	280 U	280 U	280 U
8/9/00	S434	000-015	PR	55 U	55 U	55 U	55 U	280 U	280 U	280 U	280 U
8/9/00	S435	000-005	PR	230,000 U	230,000 U	230,000 U	230,000 U	1,200,000 U	1,200,000 U	1,200,000 U	1,200,000 U
8/10/00	S308	000-015	PR	96 UJ	96 UJ	130 J	96 UJ	490 UJ	490 UJ	490 UJ	490 UJ
8/10/00	S314	000-015	PR	1,400 UJ	2,700 J	13,000 J	1,400 UJ	7,100 UJ	7,100 UJ	7,100 UJ	7,100 UJ
8/10/00	S316	000-015	PR	86 U	86 U	170	86 U	440 UJ	440 UJ	440 UJ	440 UJ
8/10/00	S322	000-015	PR	200 UJ	200 UJ	210 J	200 UJ	1,000 UJ	1,000 UJ	1,000 UJ	1,000 UJ
8/10/00	S342	000-015	PR	580 U	580 U	760	580 U	3,000 UJ	3,000 UJ	3,000 UJ	3,000 UJ

Table I-9C. (cont.)

Date	Station	Depth cm	Sample	1,2-Dichloro-benzene µg/kg	1,3-Dichloro-benzene µg/kg	1,4-Dichloro-benzene µg/kg	2,2'-Oxybis(1-chloropropane) µg/kg	2,4,5-Trichlorophenol µg/kg	2,4,6-Trichlorophenol µg/kg	2,4-Dichlorophenol µg/kg	2,4-Dimethylphenol µg/kg
8/10/00	S344	000-015	PR	32,000	37,000	170,000	3,800 U	20,000 U	20,000 U	20,000 U	20,000 U
8/10/00	S352	000-015	PR	1,000 J	1,500 J	7,100 J	600 UJ	3,100 UJ	3,100 UJ	3,100 UJ	3,100 UJ
8/10/00	S354	000-015	PR	130 UJ	130 UJ	170 J	130 UJ	670 UJ	670 UJ	670 UJ	670 UJ
8/10/00	S355	000-015	PR	140 UJ	140 UJ	160 J	140 UJ	710 UJ	710 UJ	710 UJ	710 UJ
8/11/00	S315	000-015	PR	130 U	130 U	290	130 U	670 UJ	670 UJ	670 UJ	670 UJ
8/11/00	S317	000-015	PR	250	94	820	86 UJ	450 U	450 U	450 U	450 U
8/11/00	S332	000-015	PR	1,800	620 U	4,300	620 U	3,200 UJ	3,200 UJ	3,200 UJ	3,200 UJ
8/11/00	S337	000-015	PR	81 U	81 U	420	81 UJ	420 U	420 U	420 U	420 U
8/11/00	S372	000-015	PR	57 U	57 U	57 U	57 U	290 U	290 U	290 U	290 U
8/12/00	S302	000-015	PR	77 U	77 U	77 U	77 U	400 U	400 U	400 U	400 U
8/12/00	S303	000-015	PR	110 U	110 U	110 U	110 U	570 UJ	570 UJ	570 UJ	570 UJ
8/12/00	S305	000-015	PR	72 U	72 U	72 U	72 U	370 U	370 U	370 U	370 UJ
8/13/00	S320	000-015	PR	96 U	96 U	96 U	96 U	500 U	500 U	500 U	500 U
8/13/00	S323	000-015	PR	61 U	61 U	61 U	61 U	310 U	310 U	310 U	310 U
8/13/00	S365	000-015	PR	87 U	87 U	87 U	87 U	450 U	450 U	450 U	450 U
8/14/00	S309	000-015	PR	8,900	4,200	49,000	1,600 U	8,100 U	8,100 U	8,100 U	8,100 U
8/14/00	S310	000-015	PR	190 U	190 U	910	190 U	980 U	980 U	980 U	980 U
8/14/00	S312	000-015	PR	48,000	3,400 U	120,000	3,400 U	18,000 U	18,000 U	18,000 U	18,000 U
8/15/00	S340	000-002	PR	1,100 M	364 UM	2,295 M	364 UM	1,875 UM	1,875 UM	1,875 UM	1,875 UM
8/15/00	S351	000-002	PR	72 UJ	72 UJ	72 UJ	72 UJ	370 UJ	370 UJ	370 UJ	370 UJ
8/15/00	S361	000-015	PR	56 UM	56 UM	56 UM	56 UM	290 UM	290 UM	290 UM	290 UM
8/15/00	S362	000-015	PR	53 U	53 U	53 U	53 U	270 U	270 U	270 U	270 U
8/15/00	S363	000-002	PR	51 UJ	51 UJ	51 UJ	51 UJ	260 UJ	260 UJ	260 UJ	260 UJ
8/15/00	S363	002-015	PR	374 UM	374 UM	374 UM	374 UM	1,925 UM	1,925 UM	1,925 UM	1,925 UM
8/15/00	S364	000-015	PR	110 UJ	110 UJ	110 UJ	110 UJ	540 U	540 U	540 U	540 U
8/15/00	S366	000-015	PR	63 U	63 U	63 U	63 U	320 U	320 U	320 U	320 U
8/15/00	S367	000-002	PR	58 U	58 U	58 U	58 U	300 U	300 U	300 U	300 U
8/15/00	S367	002-015	PR	58 U	58 U	58 U	58 U	300 U	300 U	300 U	300 U
8/15/00	S368	000-015	PR	65 U	65 U	65 U	65 U	340 U	340 U	340 U	340 U
8/15/00	S369	000-015	PR	57 U	57 U	57 U	57 U	290 U	290 U	290 U	290 U
8/16/00	S356	000-015	PR	56 U	56 U	56 U	56 U	290 UJ	290 UJ	290 UJ	290 UJ
8/16/00	S357	000-002	PR	72 U	72 U	72 U	72 U	370 U	370 U	370 U	370 U
8/16/00	S357	002-015	PR	59 U	59 U	59 U	59 U	300 U	300 U	300 U	300 U
8/16/00	S358	000-015	PR	55 U	55 U	55 U	55 U	280 U	280 U	280 U	280 U
8/16/00	S359	000-015	PR	49 UJ	49 UJ	49 UJ	49 UJ	250 UJ	250 UJ	250 UJ	250 UJ
8/16/00	S360	000-002	PR	59 UM	59 UM	59 UM	59 UM	300 UM	300 UM	300 UM	300 UM
8/16/00	S360	002-015	PR	60 UM	60 UM	60 UM	60 UM	305 UM	305 UM	305 UM	305 UM
8/17/00	S370	000-002	PR	55 UJ	55 UJ	55 UJ	55 UJ	280 UJ	280 UJ	280 UJ	280 UJ
8/17/00	S370	002-015	PR	51 UJ	51 UJ	51 UJ	51 UJ	260 UJ	260 UJ	260 UJ	260 UJ
8/17/00	S371	000-015	PR	65 UJ	65 UJ	65 UJ	65 UJ	330 UJ	330 UJ	330 UJ	330 UJ
8/17/00	S373	000-002	PR	57 UJ	57 UJ	57 UJ	57 UJ	290 UJ	290 UJ	290 UJ	290 UJ
8/17/00	S373	002-015	PR	57 UJ	57 UJ	57 UJ	57 UJ	300 UJ	300 UJ	300 UJ	300 UJ
8/17/00	S374	000-015	PR	67 UJ	67 UJ	67 UJ	67 UJ	340 UJ	340 UJ	340 UJ	340 UJ

Table I-9C. (cont.)

Date	Station	Depth cm	Sample	2,4-Dinitrophenol µg/kg	2,4-Dinitrotoluene µg/kg	2,6-Dinitrotoluene µg/kg	2-Chloronaphthalene µg/kg	2-Chlorophenol µg/kg	2-Methyl-4,6-dinitrophenol µg/kg	2-Methylnaphthalene µg/kg	2-Methylphenol µg/kg
7/13/00	S324	000-015	PR	2,000 U	400 U	400 U	77 U	77 U	2,000 U	77 U	77 U
7/14/00	S318	000-015	PR	1,100 UJ	220 UJ	220 UJ	42 UJ	42 UJ	1,100 UJ	42 UJ	42 UJ
7/14/00	S325	000-002	PR	1,900 U	370 U	370 U	72 U	72 U	1,900 U	72 U	72 U
7/14/00	S325	002-015	PR	1,900 U	370 UJ	370 UJ	72 UJ	72 U	1,900 U	72 UJ	72 U
7/14/00	S326	000-015	PR	2,000 U	400 U	400 U	78 U	78 U	2,000 U	78 U	78 U
7/15/00	S328	000-015	PR	1,300 UJ	260 UJ	260 UJ	51 UJ	51 UJ	1,300 UJ	51 UJ	51 UJ
7/16/00	S329	000-015	PR	1,600 UJ	320 UJ	320 UJ	61 UJ	61 UJ	1,600 UJ	61 UJ	61 UJ
7/16/00	S330	000-015	PR	1,400 UJ	280 U	280 U	55 U	55 UJ	1,400 UJ	55 U	55 UJ
7/16/00	S331	000-015	PR	2,300 UJ	460 UJ	460 UJ	89 UJ	89 UJ	2,300 UJ	89 UJ	89 UJ
7/18/00	S307	000-015	PR	1,400 UJ	280 U	280 U	55 U	55 U	1,400 U	34 J	55 U
7/18/00	S313	000-015	PR	300,000 UJ	59,000 U	59,000 U	11,000 U	11,000 U	300,000 U	46,000	11,000 U
7/20/00	S311	000-015	PR	8,900 U	1,800 U	1,800 U	350 U	350 U	8,900 U	2,300	350 U
7/21/00	S306	000-015	PR	1,300 UJ	270 UJ	270 UJ	52 UJ	52 UJ	1,300 UJ	52 UJ	52 UJ
7/22/00	S301	000-015	PR	1,600 UJ	320 UJ	320 UJ	62 UJ	62 UJ	1,600 UJ	62 UJ	62 UJ
7/27/00	S353	000-015	PR	14,000 U	2,800 U	2,800 U	540 U	540 U	14,000 U	540 U	540 U
8/2/00	S333	000-015	PR	66,000 U	13,000 U	13,000 U	2,500 U	2,500 U	66,000 U	16,000	2,500 U
8/2/00	S334	000-015	PR	4,400 U	880 U	880 U	170 U	170 U	4,400 U	1,000	170 U
8/2/00	S335	000-015	PR	8,700 U	1,700 U	1,700 U	340 U	340 U	8,700 U	2,000	340 U
8/3/00	S336	000-015	PR	850 U	170 U	170 U	33 U	33 U	850 U	33 U	33 U
8/3/00	S338	000-015	PR	850 U	170 U	170 U	33 U	33 U	850 U	380	33 U
8/3/00	S339	000-015	PR	850 U	170 U	170 U	33 U	33 U	850 U	840	33 U
8/3/00	S340	000-015	PR	850 UJ	170 U	170 U	33 U	33 U	850 U	1,600	33 U
8/4/00	S319	000-015	PR	1,800 UJ	350 UJ	350 UJ	68 UJ	68 UJ	1,800 UJ	130 J	68 UJ
8/4/00	S321	000-015	PR	1,200 U	240 U	240 U	46 U	46 U	1,200 U	46 U	46 U
8/4/00	S341	000-015	PR	1,600 UJ	310 U	310 U	61 U	61 U	1,600 U	1,300	61 U
8/4/00	S343	000-015	PR	29,000 U	5,700 U	5,700 U	1,100 U	1,100 U	29,000 U	4,300	1,100 U
8/4/00	S345	000-015	PR	20,000 UJ	4,100 U	4,100 U	790 U	790 UJ	20,000 UJ	5,200	790 UJ
8/4/00	S346	000-015	PR	6,900 U	1,400 U	1,400 U	270 U	270 U	6,900 U	1,500	270 U
8/4/00	S347	000-015	PR	14,000 UJ	2,800 U	2,800 U	540 U	540 UJ	14,000 UJ	1,000	540 UJ
8/5/00	S327	000-015	PR	23,000 U	4,600 U	4,600 U	890 U	890 U	23,000 U	890 U	890 U
8/5/00	S348	000-015	PR	25,000 U	5,100 U	5,100 U	980 U	980 U	25,000 U	3,800	980 U
8/5/00	S349	000-015	PR	8,700 U	1,700 U	1,700 U	340 U	340 U	8,700 U	2,400	1,100
8/5/00	S350	000-015	PR	2,300 U	450 U	450 U	88 U	88 U	2,300 U	3,900	88 U
8/5/00	S351	000-015	PR	4,600 U	920 U	920 U	180 U	180 U	4,600 U	1,900	180 U
8/9/00	S304	000-015	PR	1,400 UJ	280 U	280 U	54 U	54 U	1,400 U	54 U	54 U
8/9/00	S434	000-015	PR	1,400 UJ	280 U	280 U	55 U	55 U	1,400 U	55 U	55 U
8/9/00	S435	000-005	PR	6,000,000 UJ	1,200,000 U	1,200,000 U	230,000 U	230,000 U	6,000,000 U	2,800,000 J	230,000 U
8/10/00	S308	000-015	PR	2,500 UJ	490 UJ	490 UJ	96 UJ	96 UJ	2,500 UJ	96 UJ	96 UJ
8/10/00	S314	000-015	PR	35,000 UJ	7,100 UJ	7,100 UJ	1,400 UJ	1,400 UJ	35,000 UJ	5,300 J	1,400 UJ
8/10/00	S316	000-015	PR	2,200 UJ	440 U	440 U	86 U	86 UJ	2,200 UJ	130	86 UJ
8/10/00	S322	000-015	PR	5,200 UJ	1,000 UJ	1,000 UJ	200 UJ	200 UJ	5,200 UJ	2,900 J	200 UJ
8/10/00	S342	000-015	PR	15,000 UJ	3,000 U	3,000 U	580 U	580 UJ	15,000 UJ	3,900	580 UJ

Table I-9C. (cont.)

Date	Station	Depth cm	Sample	2,4-Dinitrophenol µg/kg	2,4-Dinitrotoluene µg/kg	2,6-Dinitrotoluene µg/kg	2-Chloronaphthalene µg/kg	2-Chlorophenol µg/kg	2-Methyl-4,6-dinitrophenol µg/kg	2-Methylnaphthalene µg/kg	2-Methylphenol µg/kg
8/10/00	S344	000-015	PR	100,000 UJ	20,000 U	20,000 U	3,800 U	3,800 U	100,000 U	10,000	3,800 U
8/10/00	S352	000-015	PR	15,000 UJ	3,100 UJ	3,100 UJ	600 UJ	600 UJ	15,000 UJ	8,900 J	600 UJ
8/10/00	S354	000-015	PR	3,300 UJ	670 UJ	670 UJ	130 UJ	130 UJ	3,300 UJ	130 UJ	130 UJ
8/10/00	S355	000-015	PR	3,600 UJ	710 UJ	710 UJ	140 UJ	140 UJ	3,600 UJ	140 UJ	140 UJ
8/11/00	S315	000-015	PR	3,300 UJ	670 U	670 U	130 U	130 UJ	3,300 UJ	130 U	130 UJ
8/11/00	S317	000-015	PR	2,200 U	450 U	450 U	86 U	86 U	2,200 U	150	86 U
8/11/00	S332	000-015	PR	16,000 UJ	3,200 U	3,200 U	620 U	620 UJ	16,000 UJ	2,200	620 UJ
8/11/00	S337	000-015	PR	2,100 U	420 U	420 U	81 U	81 U	2,100 U	81 U	81 U
8/11/00	S372	000-015	PR	1,500 UJ	290 U	290 U	57 U	57 U	1,500 U	57 U	57 U
8/12/00	S302	000-015	PR	2,000 UJ	400 U	400 U	77 U	77 U	2,000 U	77 U	77 U
8/12/00	S303	000-015	PR	2,900 UJ	570 U	570 U	110 U	110 UJ	2,900 UJ	110 U	110 UJ
8/12/00	S305	000-015	PR	1,800 U	370 U	370 U	72 U	72 U	1,800 U	72 U	72 U
8/13/00	S320	000-015	PR	2,500 U	500 U	500 U	96 U	96 U	2,500 U	96 U	96 U
8/13/00	S323	000-015	PR	1,600 U	310 U	310 U	61 U	61 U	1,600 U	61 U	61 U
8/13/00	S365	000-015	PR	2,200 U	450 U	450 U	87 U	87 U	2,200 U	87 U	87 U
8/14/00	S309	000-015	PR	40,000 U	8,100 U	8,100 U	1,600 U	1,600 U	40,000 U	7,300	1,600 U
8/14/00	S310	000-015	PR	4,900 U	980 U	980 U	190 U	190 U	4,900 U	190 U	190 U
8/14/00	S312	000-015	PR	89,000 U	18,000 U	18,000 U	3,400 U	3,400 U	89,000 U	4,800	3,400 U
8/15/00	S340	000-002	PR	9,350 UM	1,875 UM	1,875 UM	364 UM	364 UM	9,350 UM	1,130 M	364 UM
8/15/00	S351	000-002	PR	1,800 UJ	370 UJ	370 UJ	72 UJ	72 UJ	1,800 UJ	72 UJ	72 UJ
8/15/00	S361	000-015	PR	1,400 UM	290 UM	290 UM	56 UM	56 UM	1,400 UM	56 UM	56 UM
8/15/00	S362	000-015	PR	1,400 UJ	270 U	270 U	53 U	53 U	1,400 U	53 U	53 U
8/15/00	S363	000-002	PR	1,300 UJ	260 UJ	260 UJ	51 UJ	51 UJ	1,300 UJ	51 UJ	51 UJ
8/15/00	S363	002-015	PR	9,850 UM	1,925 UM	1,925 UM	374 UM	374 UM	9,850 UM	374 UM	374 UM
8/15/00	S364	000-015	PR	2,700 UJ	540 UJ	540 UJ	110 UJ	110 U	2,700 U	110 UJ	110 U
8/15/00	S366	000-015	PR	1,600 UJ	320 U	320 U	63 U	63 U	1,600 U	63 U	63 U
8/15/00	S367	000-002	PR	1,500 U	300 U	300 U	58 U	58 U	1,500 U	58 U	58 U
8/15/00	S367	002-015	PR	1,500 UJ	300 U	300 U	58 U	58 U	1,500 U	58 U	58 U
8/15/00	S368	000-015	PR	1,700 UJ	340 U	340 U	65 U	65 U	1,700 U	65 U	65 U
8/15/00	S369	000-015	PR	1,500 U	290 U	290 U	57 U	57 U	1,500 U	57 U	57 U
8/16/00	S356	000-015	PR	1,400 UJ	290 U	290 U	56 U	56 UJ	1,400 UJ	56 U	56 UJ
8/16/00	S357	000-002	PR	1,900 U	370 U	370 U	72 U	72 U	1,900 U	72 U	72 U
8/16/00	S357	002-015	PR	1,500 U	300 U	300 U	59 U	59 U	1,500 U	59 U	59 U
8/16/00	S358	000-015	PR	1,400 U	280 U	280 U	55 U	55 U	1,400 U	55 U	55 U
8/16/00	S359	000-015	PR	1,300 UJ	250 UJ	250 UJ	49 UJ	49 UJ	1,300 UJ	49 UJ	49 UJ
8/16/00	S360	000-002	PR	1,500 UM	300 UM	300 UM	59 UM	59 UM	1,500 UM	59 UM	59 UM
8/16/00	S360	002-015	PR	1,550 UM	305 UM	305 UM	60 UM	60 UM	1,550 UM	60 UM	235 M
8/17/00	S370	000-002	PR	1,400 UJ	280 UJ	280 UJ	55 UJ	55 UJ	1,400 UJ	55 UJ	55 UJ
8/17/00	S370	002-015	PR	1,300 UJ	260 UJ	260 UJ	51 UJ	51 UJ	1,300 UJ	51 UJ	51 UJ
8/17/00	S371	000-015	PR	1,700 UJ	330 UJ	330 UJ	65 UJ	65 UJ	1,700 UJ	65 UJ	65 UJ
8/17/00	S373	000-002	PR	1,500 UJ	290 UJ	290 UJ	57 UJ	57 UJ	1,500 UJ	57 UJ	57 UJ
8/17/00	S373	002-015	PR	1,500 UJ	300 UJ	300 UJ	57 UJ	57 UJ	1,500 UJ	57 UJ	57 UJ
8/17/00	S374	000-015	PR	1,700 UJ	340 UJ	340 UJ	67 UJ	67 UJ	1,700 UJ	67 UJ	67 UJ

Table I-9C. (cont.)

Date	Station	Depth cm	Sample	2-Nitroaniline µg/kg	2-Nitrophenol µg/kg	3,3-Dichlorobenzidine µg/kg	3-Nitroaniline µg/kg	4-Bromophenyl-phenyl ether µg/kg	4-Chloro-3-methylphenol µg/kg	4-Chloroaniline µg/kg	4-Chlorophenyl-phenyl ether µg/kg
7/13/00	S324	000-015	PR	160 U	400 U	77 U	2,000 U	77 U	400 U	77 U	77 U
7/14/00	S318	000-015	PR	85 UJ	220 UJ	42 UJ	1,100 UJ	42 UJ	220 UJ	42 UJ	42 UJ
7/14/00	S325	000-002	PR	150 UJ	370 U	72 U	1,900 U	72 U	370 U	72 U	72 U
7/14/00	S325	002-015	PR	150 UJ	370 U	72 UJ	1,900 UJ	72 UJ	370 U	72 UJ	72 UJ
7/14/00	S326	000-015	PR	160 UJ	400 U	78 U	2,000 U	78 U	400 U	78 U	78 U
7/15/00	S328	000-015	PR	100 UJ	260 UJ	51 UJ	1,300 UJ	51 UJ	260 UJ	51 UJ	51 UJ
7/16/00	S329	000-015	PR	120 UJ	320 UJ	61 UJ	1,600 UJ	61 UJ	320 UJ	61 UJ	61 UJ
7/16/00	S330	000-015	PR	110 U	280 UJ	55 U	1,400 UJ	55 U	280 UJ	55 UJ	55 U
7/16/00	S331	000-015	PR	180 UJ	460 UJ	89 UJ	2,300 UJ	89 UJ	460 UJ	89 UJ	89 UJ
7/18/00	S307	000-015	PR	110 U	280 U	55 U	1,400 U	55 U	280 U	55 UJ	55 U
7/18/00	S313	000-015	PR	23,000 UJ	59,000 U	11,000 U	300,000 UJ	11,000 U	59,000 U	11,000 UJ	11,000 U
7/20/00	S311	000-015	PR	700 U	1,800 U	350 U	8,900 U	350 U	1,800 U	350 U	350 U
7/21/00	S306	000-015	PR	110 UJ	270 UJ	52 UJ	1,300 UJ	52 UJ	270 UJ	52 UJ	52 UJ
7/22/00	S301	000-015	PR	130 UJ	320 UJ	62 UJ	1,600 UR	62 UJ	320 UJ	62 UR	62 UJ
7/27/00	S353	000-015	PR	1,100 U	2,800 U	540 U	14,000 U	540 U	2,800 U	540 U	540 U
8/2/00	S333	000-015	PR	5,200 U	13,000 U	2,500 U	66,000 U	2,500 U	13,000 U	2,500 U	2,500 U
8/2/00	S334	000-015	PR	350 U	880 U	170 U	4,400 U	170 U	880 U	170 U	170 U
8/2/00	S335	000-015	PR	680 U	1,700 U	340 U	8,700 U	340 U	1,700 U	340 U	340 U
8/3/00	S336	000-015	PR	67 U	170 U	33 U	850 U	33 U	170 U	33 U	33 U
8/3/00	S338	000-015	PR	67 U	170 U	33 U	850 U	33 U	170 U	33 U	33 U
8/3/00	S339	000-015	PR	67 U	170 U	33 U	850 U	33 U	170 U	33 U	33 U
8/3/00	S340	000-015	PR	67 U	170 U	33 U	850 U	33 U	170 U	33 U	33 U
8/4/00	S319	000-015	PR	140 UJ	350 UJ	68 UJ	1,800 UJ	68 UJ	350 UJ	68 UJ	68 UJ
8/4/00	S321	000-015	PR	94 U	240 U	46 U	1,200 U	46 U	240 U	46 U	46 U
8/4/00	S341	000-015	PR	120 U	310 U	61 U	1,600 U	61 U	310 U	61 U	61 U
8/4/00	S343	000-015	PR	2,300 U	5,700 U	1,100 U	29,000 U	1,100 U	5,700 U	1,100 U	1,100 U
8/4/00	S345	000-015	PR	1,600 U	4,100 UJ	790 U	20,000 U	790 U	4,100 UJ	790 U	790 U
8/4/00	S346	000-015	PR	550 U	1,400 U	270 U	6,900 U	270 U	1,400 U	270 U	270 U
8/4/00	S347	000-015	PR	1,100 U	2,800 UJ	540 U	14,000 U	540 U	2,800 UJ	540 U	540 U
8/5/00	S327	000-015	PR	1,800 U	4,600 U	890 U	23,000 U	890 U	4,600 U	890 U	890 U
8/5/00	S348	000-015	PR	2,000 U	5,100 U	980 U	25,000 U	980 U	5,100 U	980 U	980 U
8/5/00	S349	000-015	PR	690 U	1,700 U	340 U	8,700 U	340 U	1,700 U	340 U	340 U
8/5/00	S350	000-015	PR	180 U	450 U	88 U	2,300 U	88 U	450 U	88 U	88 U
8/5/00	S351	000-015	PR	360 U	920 U	180 UJ	4,600 U	180 U	920 U	180 U	180 U
8/9/00	S304	000-015	PR	110 U	280 U	54 U	1,400 U	54 U	280 U	54 U	54 U
8/9/00	S434	000-015	PR	110 U	280 U	55 U	1,400 U	55 U	280 U	55 U	55 U
8/9/00	S435	000-005	PR	470,000 U	1,200,000 U	230,000 U	6,000,000 U	230,000 U	1,200,000 U	230,000 U	230,000 U
8/10/00	S308	000-015	PR	190 UJ	490 UJ	96 UJ	2,500 UJ	96 UJ	490 UJ	96 UJ	96 UJ
8/10/00	S314	000-015	PR	2,800 UJ	7,100 UJ	1,400 UJ	35,000 UJ	1,400 UJ	7,100 UJ	1,400 UJ	1,400 UJ
8/10/00	S316	000-015	PR	170 U	440 UJ	86 U	2,200 UJ	86 U	440 UJ	86 UJ	86 U
8/10/00	S322	000-015	PR	410 UJ	1,000 UJ	200 UJ	5,200 UJ	200 UJ	1,000 UJ	200 UJ	200 UJ
8/10/00	S342	000-015	PR	1,200 U	3,000 UJ	580 U	15,000 UJ	580 U	3,000 UJ	580 UJ	580 U

Table I-9C. (cont.)

Date	Station	Depth cm	Sample	2-Nitroaniline µg/kg	2-Nitrophenol µg/kg	3,3-Dichlorobenzidine µg/kg	3-Nitroaniline µg/kg	4-Bromophenyl-phenyl ether µg/kg	4-Chloro-3-methylphenol µg/kg	4-Chloroaniline µg/kg	4-Chlorophenyl-phenyl ether µg/kg
8/10/00	S344	000-015	PR	7,800 U	20,000 U	3,800 U	100,000 UJ	3,800 U	20,000 U	3,800 UJ	3,800 U
8/10/00	S352	000-015	PR	1,200 UJ	3,100 UJ	600 UJ	15,000 UJ	600 UJ	3,100 UJ	600 UJ	600 UJ
8/10/00	S354	000-015	PR	260 UJ	670 UJ	130 UJ	3,300 UJ	130 UJ	670 UJ	130 UJ	130 UJ
8/10/00	S355	000-015	PR	280 UJ	710 UJ	140 UJ	3,600 UJ	140 UJ	710 UJ	140 UJ	140 UJ
8/11/00	S315	000-015	PR	260 U	670 UJ	130 UJ	3,300 U	130 U	670 UJ	130 UJ	130 U
8/11/00	S317	000-015	PR	180 U	450 U	86 UJ	2,200 U	86 U	450 U	86 UJ	86 U
8/11/00	S332	000-015	PR	1,300 U	3,200 UJ	620 UJ	16,000 U	620 U	3,200 UJ	620 UJ	620 U
8/11/00	S337	000-015	PR	170 U	420 U	81 UJ	2,100 U	81 U	420 U	140 J	81 U
8/11/00	S372	000-015	PR	120 U	290 U	57 UJ	1,500 U	57 U	290 U	57 UJ	57 U
8/12/00	S302	000-015	PR	160 U	400 U	77 UJ	2,000 U	77 U	400 U	77 UJ	77 U
8/12/00	S303	000-015	PR	230 U	570 UJ	110 UJ	2,900 U	110 U	570 UJ	110 UJ	110 U
8/12/00	S305	000-015	PR	150 U	370 U	72 UJ	1,800 U	72 U	370 U	72 UJ	72 U
8/13/00	S320	000-015	PR	200 U	500 U	96 U	2,500 U	96 U	500 U	96 U	96 U
8/13/00	S323	000-015	PR	120 U	310 U	61 U	1,600 U	61 U	310 U	61 U	61 U
8/13/00	S365	000-015	PR	180 U	450 U	87 U	2,200 U	87 U	450 U	87 U	87 U
8/14/00	S309	000-015	PR	3,200 U	8,100 U	1,600 UJ	40,000 U	1,600 U	8,100 U	1,600 UJ	1,600 U
8/14/00	S310	000-015	PR	390 U	980 U	190 UJ	4,900 U	190 U	980 U	190 UJ	190 U
8/14/00	S312	000-015	PR	7,000 U	18,000 U	3,400 UJ	89,000 U	3,400 U	18,000 U	3,400 UJ	3,400 U
8/15/00	S340	000-002	PR	720 UM	1,875 UM	364 UM	9,350 UM	364 U	1,875 U	364 U	364 U
8/15/00	S351	000-002	PR	150 UJ	370 UJ	72 UJ	1,800 UJ	72 UJ	370 UJ	72 UJ	72 UJ
8/15/00	S361	000-015	PR	110 UM	290 UM	56 UM	1,400 UM	56 UM	290 UM	56 UM	56 UM
8/15/00	S362	000-015	PR	110 U	270 U	53 U	1,400 U	53 U	270 U	53 U	53 U
8/15/00	S363	000-002	PR	100 UJ	260 UJ	51 UJ	1,300 UJ	51 UJ	260 UJ	51 UJ	51 UJ
8/15/00	S363	002-015	PR	770 UM	1,925 UM	374 UM	9,850 UM	374 UM	1,925 UM	374 UM	374 UM
8/15/00	S364	000-015	PR	210 UJ	540 U	110 UJ	2,700 UJ	110 UJ	540 U	110 UJ	110 UJ
8/15/00	S366	000-015	PR	130 U	320 U	63 U	1,600 U	63 U	320 U	63 U	63 U
8/15/00	S367	000-002	PR	120 U	300 U	58 U	1,500 U	58 U	300 U	58 U	58 U
8/15/00	S367	002-015	PR	120 U	300 U	58 U	1,500 U	58 U	300 U	58 U	58 U
8/15/00	S368	000-015	PR	130 U	340 U	65 U	1,700 U	65 U	340 U	65 U	65 U
8/15/00	S369	000-015	PR	120 U	290 U	57 U	1,500 U	57 U	290 U	57 U	57 U
8/16/00	S356	000-015	PR	110 U	290 UJ	56 U	1,400 U	56 U	290 UJ	56 U	56 U
8/16/00	S357	000-002	PR	150 U	370 U	72 U	1,900 U	72 U	370 U	72 U	72 U
8/16/00	S357	002-015	PR	120 U	300 U	59 U	1,500 U	59 U	300 U	59 U	59 U
8/16/00	S358	000-015	PR	110 U	280 U	55 U	1,400 U	55 U	280 U	55 U	55 U
8/16/00	S359	000-015	PR	100 UJ	250 UJ	49 UJ	1,300 UJ	49 UJ	250 UJ	49 UJ	49 UJ
8/16/00	S360	000-002	PR	120 UM	300 UM	59 UM	1,500 UM	59 UM	300 UM	59 UM	59 UM
8/16/00	S360	002-015	PR	120 UM	305 UM	60 UM	1,550 UM	60 UM	305 UM	60 UM	60 UM
8/17/00	S370	000-002	PR	110 UJ	280 UJ	55 UJ	1,400 UJ	55 UJ	280 UJ	55 UJ	55 UJ
8/17/00	S370	002-015	PR	100 UJ	260 UJ	51 UJ	1,300 UJ	51 UJ	260 UJ	51 UJ	51 UJ
8/17/00	S371	000-015	PR	130 UJ	330 UJ	65 UJ	1,700 UJ	65 UJ	330 UJ	65 UJ	65 UJ
8/17/00	S373	000-002	PR	120 UJ	290 UJ	57 UJ	1,500 UJ	57 UJ	290 UJ	57 UJ	57 UJ
8/17/00	S373	002-015	PR	120 UJ	300 UJ	57 UJ	1,500 UJ	57 UJ	300 UJ	57 UJ	57 UJ
8/17/00	S374	000-015	PR	140 UJ	340 UJ	67 UJ	1,700 UJ	67 UJ	340 UJ	67 UJ	67 UJ

Table I-9C. (cont.)

Date	Station	Depth cm	Sample	4-Methylphenol µg/kg	4-Nitroaniline µg/kg	4-Nitrophenol µg/kg	Acenaphthene µg/kg	Acenaphthylene µg/kg	Anthracene ug/kg-dw	Benz(a)anthracene µg/kg	Benzo(a)pyrene µg/kg
7/13/00	S324	000-015	PR	77 U	2,000 U	2,000 U	77 U	77 U	77 U	40 J	48 J
7/14/00	S318	000-015	PR	42 UJ	1,100 UJ	1,100 UJ	70 J	77 J	210 J	350 J	370 J
7/14/00	S325	000-002	PR	72 U	1,900 U	1,900 U	72 U	72 U	54 J	130	150
7/14/00	S325	002-015	PR	72 U	1,900 UJ	1,900 U	72 UJ	72 UJ	72 UJ	68 J	81 J
7/14/00	S326	000-015	PR	78 U	2,000 U	2,000 U	78 U	78 U	60 J	180	200
7/15/00	S328	000-015	PR	51 UJ	1,300 UJ	1,300 UJ	51 UJ	51 UJ	51 UJ	58 J	48 J
7/16/00	S329	000-015	PR	61 UJ	1,600 UJ	1,600 UJ	61 UJ	61 UJ	61 UJ	61 UJ	61 UJ
7/16/00	S330	000-015	PR	55 UJ	1,400 UJ	1,400 UJ	55 UJ	55 U	55 U	55 U	55 U
7/16/00	S331	000-015	PR	89 UJ	2,300 UJ	2,300 UJ	89 UJ	89 UJ	89 UJ	110 J	130 J
7/18/00	S307	000-015	PR	55 U	1,400 U	1,400 U	160	65	580	2,200	1,900
7/18/00	S313	000-015	PR	11,000 U	300,000 U	300,000 U	85,000	19,000	95,000	100,000	65,000
7/20/00	S311	000-015	PR	350 U	8,900 U	8,900 U	350 U	380	940	350 U	350 U
7/21/00	S306	000-015	PR	52 UJ	1,300 UJ	1,300 UJ	52 UJ	52 UJ	52 UJ	52 UJ	52 UJ
7/22/00	S301	000-015	PR	62 UJ	1,600 UJ	1,600 UJ	62 UJ	62 UJ	62 UJ	62 UJ	62 UJ
7/27/00	S353	000-015	PR	540 U	14,000 U	14,000 U	1,200 J	1,100	4,000	9,000	9,400
8/2/00	S333	000-015	PR	2,500 U	66,000 U	66,000 U	7,500 J	4,100	16,000	7,200	3,800
8/2/00	S334	000-015	PR	170 U	4,400 U	4,400 U	1,000 J	1,500	4,000	6,000	4,400
8/2/00	S335	000-015	PR	340 U	8,700 U	8,700 U	450 J	770	1,800	2,000	1,500
8/3/00	S336	000-015	PR	33 U	850 U	850 U	33 U	33 U	140	370	360
8/3/00	S338	000-015	PR	33 U	850 U	850 U	220	200	650	600	550
8/3/00	S339	000-015	PR	33 U	850 U	850 U	490	470	1,600	2,300	1,900
8/3/00	S340	000-015	PR	33 U	850 U	850 U	410	390	830	950	620
8/4/00	S319	000-015	PR	68 UJ	1,800 UJ	1,800 UJ	170 J	350 J	620 J	1,600 J	1,700 J
8/4/00	S321	000-015	PR	46 U	1,200 U	1,200 U	46 U	81	110	360	430
8/4/00	S341	000-015	PR	61 U	1,600 U	1,600 U	170	240	520	510	340
8/4/00	S343	000-015	PR	1,100 U	29,000 U	29,000 U	1,100 U	1,100 U	2,200	1,100 U	1,100 U
8/4/00	S345	000-015	PR	790 UJ	20,000 U	20,000 UJ	790 U	870	790 U	790 U	790 U
8/4/00	S346	000-015	PR	270 U	6,900 U	6,900 U	270 U	270 U	380 J	270 U	270 U
8/4/00	S347	000-015	PR	540 UJ	14,000 U	14,000 UJ	540 U	540 U	540 U	540 U	540 U
8/5/00	S327	000-015	PR	890 U	23,000 U	23,000 U	890 U	890 U	890 U	890 U	890 U
8/5/00	S348	000-015	PR	980 U	25,000 U	25,000 U	980 U	980 U	980 U	980 U	980 U
8/5/00	S349	000-015	PR	2,200	8,700 U	8,700 U	340 U	480	850	430	340 U
8/5/00	S350	000-015	PR	88 U	2,300 U	2,300 U	230	500	710	350	200
8/5/00	S351	000-015	PR	180 U	4,600 U	4,600 U	2,600	750	5,700	4,800	4,400
8/9/00	S304	000-015	PR	54 U	1,400 U	1,400 U	54 U	54 U	54 U	130 J	130 J
8/9/00	S434	000-015	PR	55 U	1,400 U	1,400 U	55 U	55 U	55 U	130 J	110 J
8/9/00	S435	000-005	PR	230,000 U	6,000,000 U	6,000,000 U	230,000 U	230,000 U	230,000 U	230,000 U	230,000 U
8/10/00	S308	000-015	PR	96 UJ	2,500 UJ	2,500 UJ	96 UJ	96 UJ	100 J	160 J	210 J
8/10/00	S314	000-015	PR	1,400 UJ	35,000 UJ	35,000 UJ	1,400 UJ	1,800 J	1,400 UJ	2,600 J	1,800 J
8/10/00	S316	000-015	PR	86 UJ	2,200 U	2,200 UJ	440	310	1,000	1,800	2,000
8/10/00	S322	000-015	PR	200 UJ	5,200 UJ	5,200 UJ	2,200 J	560 J	2,500 J	2,500 J	2,300 J
8/10/00	S342	000-015	PR	580 UJ	15,000 U	15,000 UJ	580 U	880	580 U	580 U	580 U

Table I-9C. (cont.)

Date	Station	Depth cm	Sample	4-Methylphenol µg/kg	4-Nitroaniline µg/kg	4-Nitrophenol µg/kg	Acenaphthene µg/kg	Acenaphthylene µg/kg	Anthracene ug/kg-dw	Benz(a)anthracene µg/kg	Benzo(a)pyrene µg/kg
8/10/00	S344	000-015	PR	3,800 U	100,000 U	100,000 U	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U
8/10/00	S352	000-015	PR	600 UJ	15,000 UJ	15,000 UJ	12,000 J	2,200 J	16,000 J	9,600 J	8,100 J
8/10/00	S354	000-015	PR	130 UJ	3,300 UJ	3,300 UJ	130 UJ	130 UJ	210 J	390 J	450 J
8/10/00	S355	000-015	PR	140 UJ	3,600 UJ	3,600 UJ	140 UJ	150 J	270 J	680 J	810 J
8/11/00	S315	000-015	PR	130 UJ	3,300 U	3,300 UJ	130 U	200	130 U	600	670
8/11/00	S317	000-015	PR	86 U	2,200 U	2,200 U	160	520	1,100	1,900	2,100
8/11/00	S332	000-015	PR	620 UJ	16,000 U	16,000 UJ	1,000	1,800	620 U	700	620 U
8/11/00	S337	000-015	PR	81 U	2,100 U	2,100 U	81 U	120	220	300	330
8/11/00	S372	000-015	PR	57 U	1,500 U	1,500 U	57 U	57 U	57 U	57 U	57 U
8/12/00	S302	000-015	PR	77 U	2,000 U	2,000 U	77 U	77 U	77 U	200	250
8/12/00	S303	000-015	PR	110 UJ	2,900 U	2,900 UJ	110 U	110 U	110 U	160	210
8/12/00	S305	000-015	PR	72 U	1,800 U	1,800 U	72 U	72 U	72 U	72 U	72 U
8/13/00	S320	000-015	PR	96 U	2,500 U	2,500 U	96 U	96 U	140	350	450
8/13/00	S323	000-015	PR	61 U	1,600 U	1,600 U	61 U	61 U	61 U	250	250
8/13/00	S365	000-015	PR	87 U	2,200 U	2,200 U	87 U	87 U	87 U	87 U	87 U
8/14/00	S309	000-015	PR	1,600 U	40,000 U	40,000 U	1,600 U	1,600 U	1,600 U	1,700	1,600 U
8/14/00	S310	000-015	PR	190 U	4,900 U	4,900 U	190 U	240	190 U	300	360
8/14/00	S312	000-015	PR	3,400 U	89,000 U	89,000 U	3,400 U	3,400 U	3,400 U	3,400 U	3,400 U
8/15/00	S340	000-002	PR	364 U	9,350 U	9,350 U	315	215	225	202	220
8/15/00	S351	000-002	PR	72 UJ	1,800 UJ	1,800 UJ	72 UJ	72 UJ	72 UJ	72 UJ	72 UJ
8/15/00	S361	000-015	PR	56 UM	1,400 UM	1,400 UM	56 UM	56 UM	56 UM	44 M	56 UM
8/15/00	S362	000-015	PR	53 U	1,400 U	1,400 U	53 U	53 U	53 U	53 U	53 U
8/15/00	S363	000-002	PR	51 UJ	1,300 UJ	1,300 UJ	51 UJ	51 UJ	51 UJ	51 UJ	51 UJ
8/15/00	S363	002-015	PR	374 UM	9,850 UM	9,850 UM	374 UM	374 UM	374 UM	374 UM	374 UM
8/15/00	S364	000-015	PR	110 U	2,700 UJ	2,700 U	110 UJ	110 UJ	110 UJ	110 UJ	110 UJ
8/15/00	S366	000-015	PR	63 U	1,600 U	1,600 U	63 U	63 U	63 U	63 U	63 U
8/15/00	S367	000-002	PR	58 U	1,500 U	1,500 U	58 U	58 U	75	260	270
8/15/00	S367	002-015	PR	58 U	1,500 U	1,500 U	58 U	58 U	58 U	58 U	58 U
8/15/00	S368	000-015	PR	65 U	1,700 U	1,700 U	65 U	65 U	65 U	65 U	65 U
8/15/00	S369	000-015	PR	57 U	1,500 U	1,500 U	57 U	57 U	57 U	57 U	57 U
8/16/00	S356	000-015	PR	56 UJ	1,400 U	1,400 UJ	56 U	56 U	56 U	56 U	56 U
8/16/00	S357	000-002	PR	840	1,900 U	1,900 U	72 U	72 U	72 U	72 U	72 U
8/16/00	S357	002-015	PR	660	1,500 U	1,500 U	59 U	59 U	59 U	120	110
8/16/00	S358	000-015	PR	55 U	1,400 U	1,400 U	55 U	55 U	55 U	55 U	55 U
8/16/00	S359	000-015	PR	49 UJ	1,300 UJ	1,300 UJ	49 UJ	49 UJ	93 J	230 J	200 J
8/16/00	S360	000-002	PR	59 UM	1,500 UM	1,500 UM	59 UM	59 UM	59 UM	110 M	125 M
8/16/00	S360	002-015	PR	1,050 M	1,550 UM	1,550 UM	60 UM	60 UM	60 UM	54 M	62 M
8/17/00	S370	000-002	PR	55 UJ	1,400 UJ	1,400 UJ	55 UJ	55 UJ	55 UJ	55 UJ	58 J
8/17/00	S370	002-015	PR	51 UJ	1,300 UJ	1,300 UJ	51 UJ	51 UJ	51 UJ	51 UJ	51 UJ
8/17/00	S371	000-015	PR	65 UJ	1,700 UJ	1,700 UJ	65 UJ	65 UJ	89 J	290 J	340 J
8/17/00	S373	000-002	PR	57 UJ	1,500 UJ	1,500 UJ	57 UJ	57 UJ	57 UJ	57 UJ	67 J
8/17/00	S373	002-015	PR	57 UJ	1,500 UJ	1,500 UJ	57 UJ	57 UJ	57 UJ	120 J	150 J
8/17/00	S374	000-015	PR	67 UJ	1,700 UJ	1,700 UJ	67 UJ	67 UJ	67 UJ	67 UJ	67 UJ

Table I-9C. (cont.)

Date	Station	Depth cm	Sample	Benzo(b) fluoranthene µg/kg	Benzo(g,h,i) perylene µg/kg	Benzo(k) fluoranthene µg/kg	Benzyl Alcohol µg/kg	Bis(2-chloroethoxy) methane µg/kg	Bis(2-chloroethyl)ether µg/kg	Bis(2-ethylhexyl) phthalate µg/kg	Butylbenzylphthalate µg/kg
7/13/00	S324	000-015	PR	40 J	77 U	40 J	400 U	77 U	77 U	82 J	77 U
7/14/00	S318	000-015	PR	250 J	250 J	290 J	220 UJ	42 UJ	42 UJ	220 UJ	42 UJ
7/14/00	S325	000-002	PR	150	130	140	370 U	72 U	72 U	370	72 UJ
7/14/00	S325	002-015	PR	77 J	66 J	62 J	370 UJ	72 UJ	72 UJ	200 J	72 UJ
7/14/00	S326	000-015	PR	190	93	180	400 U	78 U	78 U	480	78 UJ
7/15/00	S328	000-015	PR	41 J	51 UJ	52 J	260 UJ	51 UJ	51 UJ	66 UJ	51 UJ
7/16/00	S329	000-015	PR	61 UJ	61 UJ	61 UJ	320 UJ	61 UJ	61 UJ	61 UJ	61 UJ
7/16/00	S330	000-015	PR	55 U	55 U	55 U	280 UJ	55 U	55 U	55 U	55 U
7/16/00	S331	000-015	PR	120 J	97 J	110 J	460 UJ	89 UJ	89 UJ	900 J	89 UJ
7/18/00	S307	000-015	PR	1,500	1,200	1,400	280 U	55 U	55 U	74	55 U
7/18/00	S313	000-015	PR	57,000	35,000	60,000	59,000 U	11,000 U	11,000 U	11,000 U	11,000 U
7/20/00	S311	000-015	PR	350 U	350 U	350 U	1,800 U	350 U	350 U	560	350 U
7/21/00	S306	000-015	PR	52 UJ	52 UJ	52 UJ	270 UJ	52 UJ	52 UJ	52 UJ	52 UJ
7/22/00	S301	000-015	PR	62 UJ	62 UJ	62 UJ	320 UJ	62 UJ	62 UJ	280 UJ	62 UJ
7/27/00	S353	000-015	PR	6,900	6,500	7,100	2,800 U	540 U	540 U	1,200 J	540 U
8/2/00	S333	000-015	PR	3,300	2,500 U	4,400	13,000 U	2,500 U	2,500 U	2,500 U	2,500 U
8/2/00	S334	000-015	PR	4,000	2,600	4,200	880 U	170 U	170 U	170 U	170 U
8/2/00	S335	000-015	PR	1,500	980	1,600	1,700 U	340 U	340 U	340 U	340 U
8/3/00	S336	000-015	PR	330	290	310	170 U	33 U	33 U	3,000	33 U
8/3/00	S338	000-015	PR	510	390	410	170 U	33 U	33 U	2,200	33 U
8/3/00	S339	000-015	PR	1,800	1,300	1,700	170 U	33 U	33 U	800	33 U
8/3/00	S340	000-015	PR	630	370	560	170 U	33 U	33 U	33 U	33 U
8/4/00	S319	000-015	PR	1,200 J	1,100 J	1,300 J	350 UJ	68 UJ	68 UJ	1,800 J	68 UJ
8/4/00	S321	000-015	PR	320	280	380	240 U	46 U	46 U	140	46 U
8/4/00	S341	000-015	PR	330	220	320	310 U	61 U	61 U	80	61 U
8/4/00	S343	000-015	PR	1,100 U	1,100 U	1,100 U	5,700 U	1,100 U	1,100 U	1,100 U	1,100 U
8/4/00	S345	000-015	PR	790 U	790 U	790 U	4,100 UJ	790 U	790 U	790 U	790 U
8/4/00	S346	000-015	PR	270 U	270 U	270 U	1,400 U	270 U	270 U	270 U	270 U
8/4/00	S347	000-015	PR	540 U	540 U	540 U	2,800 UJ	540 U	540 U	540 U	540 U
8/5/00	S327	000-015	PR	890 U	890 U	890 U	4,600 U	890 U	890 U	1,800 J	890 U
8/5/00	S348	000-015	PR	980 U	980 U	980 U	5,100 U	980 U	980 U	980 U	980 UJ
8/5/00	S349	000-015	PR	340 U	340 U	340 U	1,700 U	340 U	340 U	340 U	340 UJ
8/5/00	S350	000-015	PR	200	88 U	220	450 U	88 U	88 U	88 U	88 U
8/5/00	S351	000-015	PR	3,600	2,600	4,500	920 U	180 U	180 U	1,700 J	180 UJ
8/9/00	S304	000-015	PR	130 J	96 J	120 J	280 U	54 U	54 U	160 J	54 U
8/9/00	S434	000-015	PR	140 J	110 J	130 J	280 U	55 U	55 U	55 U	55 U
8/9/00	S435	000-005	PR	230,000 U	230,000 U	230,000 U	1,200,000 U	230,000 U	230,000 U	230,000 U	230,000 U
8/10/00	S308	000-015	PR	200 J	180 J	180 J	490 UJ	96 UJ	96 UJ	670 J	96 UJ
8/10/00	S314	000-015	PR	2,000 J	1,400 UJ	1,800 J	7,100 UJ	1,400 UJ	1,400 UJ	1,400 UJ	1,400 UJ
8/10/00	S316	000-015	PR	1,200	1,300	1,400	440 UJ	86 U	86 U	350	86 U
8/10/00	S322	000-015	PR	1,700 J	1,400 J	1,800 J	1,000 UJ	200 UJ	200 UJ	3,900 J	200 UJ
8/10/00	S342	000-015	PR	580 U	580 U	580 U	3,000 UJ	580 U	580 U	750	580 U

Table I-9C. (cont.)

Date	Station	Depth cm	Sample	Benzo(b) fluoranthene µg/kg	Benzo(g,h,i) perylene µg/kg	Benzo(k) fluoranthene µg/kg	Benzyl Alcohol µg/kg	Bis(2-chloroethoxy) methane µg/kg	Bis(2-chloroethyl)ether µg/kg	Bis(2-ethylhexyl) phthalate µg/kg	Butylbenzylphthalate µg/kg
8/10/00	S344	000-015	PR	3,800 U	3,800 U	3,800 U	20,000 U	3,800 U	3,800 U	3,800 U	3,800 U
8/10/00	S352	000-015	PR	6,700 J	4,500 J	6,800 J	3,100 UJ	600 UJ	600 UJ	1,800 J	600 UJ
8/10/00	S354	000-015	PR	470 J	420 J	430 J	670 UJ	130 UJ	130 UJ	1,400 J	130 UJ
8/10/00	S355	000-015	PR	820 J	700 J	660 J	710 UJ	140 UJ	140 UJ	2,100 J	140 UJ
8/11/00	S315	000-015	PR	740	540	620	670 UJ	130 U	130 U	5,100	130 U
8/11/00	S317	000-015	PR	1,700	1,100	1,600	450 U	86 U	86 U	4,100	86 U
8/11/00	S332	000-015	PR	620 U	620 U	620 U	3,200 UJ	620 U	620 U	4,100	620 U
8/11/00	S337	000-015	PR	280	81 U	260	420 U	81 U	81 U	2,400	81 U
8/11/00	S372	000-015	PR	57 U	57 U	57 U	290 U	57 U	57 U	100	57 U
8/12/00	S302	000-015	PR	250	250	250	400 U	77 U	77 U	290 U	77 U
8/12/00	S303	000-015	PR	210	190	190	570 U	110 U	110 U	520 U	110 U
8/12/00	S305	000-015	PR	72 U	72 U	72 U	370 U	72 U	72 U	230 U	72 U
8/13/00	S320	000-015	PR	360	350	430	500 U	96 U	96 U	790	96 U
8/13/00	S323	000-015	PR	280	230	240	310 U	61 U	61 U	910	61 U
8/13/00	S365	000-015	PR	87 U	87 U	87 U	450 U	87 U	87 U	87 U	87 U
8/14/00	S309	000-015	PR	1,600 U	1,600 U	1,600 U	8,100 U	1,600 U	1,600 U	1,600 U	1,600 U
8/14/00	S310	000-015	PR	350	260	280	980 U	190 U	190 U	930	190 U
8/14/00	S312	000-015	PR	3,400 U	3,400 U	3,400 U	18,000 U	3,400 U	3,400 U	3,400 U	3,400 U
8/15/00	S340	000-002	PR	215	206	215	1,875 U	364 U	364 U	420 U	364 U
8/15/00	S351	000-002	PR	72 UJ	72 UJ	72 UJ	370 UJ	72 UJ	72 UJ	72 UJ	72 UJ
8/15/00	S361	000-015	PR	56 UM	56 UM	56 UM	290 UM	56 UM	56 UM	56 UM	56 UM
8/15/00	S362	000-015	PR	53 U	53 U	53 U	270 U	53 U	53 U	53 U	53 U
8/15/00	S363	000-002	PR	51 UJ	51 UJ	51 UJ	260 UJ	51 UJ	51 UJ	74 UJ	51 UJ
8/15/00	S363	002-015	PR	374 UM	374 UM	374 UM	1,925 UM	374 UM	374 UM	374 UM	374 UM
8/15/00	S364	000-015	PR	110 UJ	110 UJ	110 UJ	540 U	110 UJ	110 UJ	110 UJ	110 UJ
8/15/00	S366	000-015	PR	63 U	63 U	63 U	320 U	63 U	63 U	63 U	63 U
8/15/00	S367	000-002	PR	190	160	210	300 U	58 U	58 U	120 U	58 U
8/15/00	S367	002-015	PR	58 U	58 U	58 U	300 U	58 U	58 U	58 U	58 U
8/15/00	S368	000-015	PR	65 U	65 U	65 U	340 U	65 U	65 U	67 U	65 U
8/15/00	S369	000-015	PR	57 U	57 U	57 U	290 U	57 U	57 U	57 U	57 U
8/16/00	S356	000-015	PR	56 U	56 U	56 U	290 UJ	56 U	56 U	56 U	56 U
8/16/00	S357	000-002	PR	72 U	72 U	72 U	370 U	72 U	72 U	72 U	72 U
8/16/00	S357	002-015	PR	85	59 U	83	300 U	59 U	59 U	59 U	59 U
8/16/00	S358	000-015	PR	55 U	55 U	55 U	280 U	55 U	55 U	55 U	55 U
8/16/00	S359	000-015	PR	170 J	110 J	170 J	250 UJ	49 UJ	49 UJ	49 UJ	49 UJ
8/16/00	S360	000-002	PR	120 M	87 M	115 M	300 UM	59 UM	59 UM	110 UM	59 UM
8/16/00	S360	002-015	PR	59 M	48 M	61 M	305 UM	60 UM	60 UM	105 UM	60 UM
8/17/00	S370	000-002	PR	55 UJ	55 UJ	55 UJ	280 UJ	55 UJ	55 UJ	62 J	55 UJ
8/17/00	S370	002-015	PR	51 UJ	51 UJ	51 UJ	260 UJ	51 UJ	51 UJ	55 J	51 UJ
8/17/00	S371	000-015	PR	290 J	220 J	320 J	330 UJ	65 UJ	65 UJ	220 J	65 UJ
8/17/00	S373	000-002	PR	57 UJ	57 UJ	69 J	290 UJ	57 UJ	57 UJ	130 J	57 UJ
8/17/00	S373	002-015	PR	140 J	99 J	120 J	300 UJ	57 UJ	57 UJ	490 J	57 UJ
8/17/00	S374	000-015	PR	67 UJ	67 UJ	67 UJ	340 UJ	67 UJ	67 UJ	67 UJ	67 UJ

Table I-9C. (cont.)

Date	Station	Depth cm	Sample	Carbazole µg/kg	Chrysene µg/kg	Dibenz(a,h) anthracene µg/kg	Dibenzofuran µg/kg	Dichlorobenzenes (Sum) µg/kg	Diethylphthalate µg/kg	Dimethylphthalate µg/kg	Di-n-butylphthalate µg/kg
7/13/00	S324	000-015	PR	77 U	45 J	77 U	77 U	77 U	77 U	77 U	43 J
7/14/00	S318	000-015	PR	42 UJ	380 J	93 J	42 UJ	178	42 UJ	42 UJ	42 UJ
7/14/00	S325	000-002	PR	72 U	180	72 U	72 U	72 U	72 U	72 U	72 U
7/14/00	S325	002-015	PR	72 UJ	86 J	72 UJ	72 UJ	72 U	72 UJ	72 UJ	41 J
7/14/00	S326	000-015	PR	78 U	220	43 J	78 U	78 U	78 U	78 U	78 U
7/15/00	S328	000-015	PR	51 UJ	54 J	51 UJ	51 UJ	51 U	51 UJ	51 UJ	51 UJ
7/16/00	S329	000-015	PR	61 UJ	61 UJ	61 UJ	61 UJ	61 U	61 UJ	61 UJ	49 J
7/16/00	S330	000-015	PR	55 U	55 U	55 U	55 U	55 U	55 U	55 U	55 U
7/16/00	S331	000-015	PR	89 UJ	160 J	89 UJ	89 UJ	49	89 UJ	89 UJ	89 UJ
7/18/00	S307	000-015	PR	390	2,300	500	98	55 U	55 U	55 U	55 U
7/18/00	S313	000-015	PR	19,000	100,000	17,000	81,000	9,800	11,000 U	11,000 U	11,000 U
7/20/00	S311	000-015	PR	350 U	350 U	350 U	350 U	460	350 U	350 U	350 U
7/21/00	S306	000-015	PR	52 UJ	52 UJ	52 UJ	52 UJ	52 U	52 UJ	52 UJ	52 UJ
7/22/00	S301	000-015	PR	62 UJ	62 UJ	62 UJ	62 UJ	62 U	62 UJ	62 UJ	70 J
7/27/00	S353	000-015	PR	910	9,000	2,400 J	690	3,050	540 U	540 U	540 U
8/2/00	S333	000-015	PR	2,500 U	6,200	2,500 U	14,000	2,500 U	2,500 U	2,500 U	2,500 U
8/2/00	S334	000-015	PR	770	5,800	1,300	1,300	470	170 U	170 U	170 U
8/2/00	S335	000-015	PR	340 U	2,200	450	790	440	340 U	340 U	340 U
8/3/00	S336	000-015	PR	33 U	450	33 U	33 U	6,160	33 U	33 U	33 U
8/3/00	S338	000-015	PR	33 U	720	130	190	590	33 U	33 U	33 U
8/3/00	S339	000-015	PR	380	2,600	520	590	2,300	33 U	33 U	33 U
8/3/00	S340	000-015	PR	33 U	880	33 U	500	15,000	33 U	33 U	33 U
8/4/00	S319	000-015	PR	120 J	1,700 J	350 J	70 J	200	68 UJ	68 UJ	68 UJ
8/4/00	S321	000-015	PR	46 U	370	96	46 U	46 U	46 U	46 U	46 U
8/4/00	S341	000-015	PR	61 U	540	90	240	3,800	61 U	61 U	61 U
8/4/00	S343	000-015	PR	1,100 U	1,100 U	1,100 U	1,100 U	11,400	1,100 U	1,100 U	1,100 U
8/4/00	S345	000-015	PR	790 U	790 U	790 U	790 U	2,910	790 U	790 U	790 U
8/4/00	S346	000-015	PR	270 U	270 U	270 U	270 U	2,320	270 U	270 U	270 U
8/4/00	S347	000-015	PR	540 U	540 U	540 U	540 U	50,000	540 U	540 U	540 U
8/5/00	S327	000-015	PR	890 U	890 U	890 U	890 U	890 U	890 U	890 U	890 U
8/5/00	S348	000-015	PR	980 U	980 U	980 U	980 U	8,200	980 U	980 U	980 U
8/5/00	S349	000-015	PR	340 U	530	340 U	340 U	610	340 U	340 U	340 U
8/5/00	S350	000-015	PR	88 U	410	88 U	710	5,200	88 U	88 U	88 U
8/5/00	S351	000-015	PR	840	5,200	790	1,700	11,610	180 U	180 U	180 U
8/9/00	S304	000-015	PR	54 U	160 J	54 U	54 U	81	54 U	54 U	54 U
8/9/00	S434	000-015	PR	55 U	150 J	55 U	55 U	55 U	55 U	55 U	55 U
8/9/00	S435	000-005	PR	230,000 U	230,000 U	230,000 U	230,000 U	230,000 U	230,000 U	230,000 U	230,000 U
8/10/00	S308	000-015	PR	96 UJ	210 J	96 UJ	96 UJ	130	96 UJ	96 UJ	96 UJ
8/10/00	S314	000-015	PR	1,400 UJ	3,200 J	1,400 UJ	2,700 J	15,700	1,400 UJ	1,400 UJ	1,400 UJ
8/10/00	S316	000-015	PR	86 U	1,800	450	170	170	86 U	86 U	86 U
8/10/00	S322	000-015	PR	200 UJ	3,100 J	520 J	510 J	210	200 UJ	200 UJ	200 UJ
8/10/00	S342	000-015	PR	580 U	580 U	580 U	580 U	760	580 U	580 U	580 U

Table I-9C. (cont.)

Date	Station	Depth cm	Sample	Carbazole µg/kg	Chrysene µg/kg	Dibenz(a,h) anthracene µg/kg	Dibenzofuran µg/kg	Dichlorobenzenes (Sum) µg/kg	Diethylphthalate µg/kg	Dimethylphthalate µg/kg	Di-n-butylphthalate µg/kg
8/10/00	S344	000-015	PR	3,800 U	3,800 U	3,800 U	3,800 U	239,000	3,800 U	3,800 U	3,800 U
8/10/00	S352	000-015	PR	2,200 J	10,000 J	1,400 J	7,800 J	9,600	600 UJ	600 UJ	600 UJ
8/10/00	S354	000-015	PR	130 UJ	560 J	130 UJ	130 UJ	170	130 UJ	130 UJ	130 UJ
8/10/00	S355	000-015	PR	140 UJ	940 J	220 J	140 UJ	160	140 UJ	140 UJ	160 J
8/11/00	S315	000-015	PR	130 U	830	270	130 U	290	130 U	130 U	130 U
8/11/00	S317	000-015	PR	86 U	2,200	430	86 U	1,164	86 U	86 U	86 U
8/11/00	S332	000-015	PR	620 U	750	620 U	1,400	6,100	620 U	620 U	620 U
8/11/00	S337	000-015	PR	81 U	450	81 U	81 U	420	81 U	81 U	81 U
8/11/00	S372	000-015	PR	57 U	57 U	57 U	57 U	57 U	57 U	57 U	57 U
8/12/00	S302	000-015	PR	77 U	300	77 U	77 U	77 U	77 U	77 U	77 U
8/12/00	S303	000-015	PR	110 U	260	110 U	110 U	110 U	110 U	110 U	110 U
8/12/00	S305	000-015	PR	72 U	72 U	72 U	72 U	72 U	72 U	72 U	72 U
8/13/00	S320	000-015	PR	96 U	450	130	96 U	96 U	96 U	96 U	170
8/13/00	S323	000-015	PR	61 U	340	61 U	61 U	61 U	61 U	61 U	71
8/13/00	S365	000-015	PR	87 U	87 U	87 U	87 U	87 U	87 U	87 U	87 U
8/14/00	S309	000-015	PR	1,600 U	1,600	1,600 U	1,600 U	62,100	1,600 U	1,600 U	1,600 U
8/14/00	S310	000-015	PR	190 U	340	190 U	190 U	910	190 U	190 U	190 U
8/14/00	S312	000-015	PR	3,400 U	3,400 U	3,400 U	3,400 U	168,000	3,400 U	3,400 U	3,400 U
8/15/00	S340	000-002	PR	270	215	364 U	335	3,395	364 U	364 U	364 UM
8/15/00	S351	000-002	PR	72 UJ	72 UJ	72 UJ	72 UJ	72 U	72 UJ	72 UJ	72 UJ
8/15/00	S361	000-015	PR	56 UM	46 M	56 UM	56 UM	56 UM	56 UM	56 UM	56 UM
8/15/00	S362	000-015	PR	53 U	53 U	53 U	53 U	53 U	53 U	53 U	53 U
8/15/00	S363	000-002	PR	51 UJ	51 UJ	51 UJ	51 UJ	51 U	51 UJ	51 UJ	51 UJ
8/15/00	S363	002-015	PR	374 UM	374 UM	374 UM	374 UM	374 UM	374 UM	374 UM	374 UM
8/15/00	S364	000-015	PR	110 UJ	110 UJ	110 UJ	110 UJ	110 U	110 UJ	110 UJ	110 UJ
8/15/00	S366	000-015	PR	63 U	63 U	63 U	63 U	63 U	63 U	63 U	69
8/15/00	S367	000-002	PR	58 U	270	60	58 U	58 U	58 U	58 U	58 U
8/15/00	S367	002-015	PR	58 U	58 U	58 U	58 U	58 U	58 U	58 U	58 U
8/15/00	S368	000-015	PR	65 U	65 U	65 U	65 U	65 U	65 U	65 U	81 U
8/15/00	S369	000-015	PR	57 U	57 U	57 U	57 U	57 U	57 U	57 U	74 U
8/16/00	S356	000-015	PR	56 U	56 U	56 U	56 U	56 U	56 U	56 U	56 U
8/16/00	S357	000-002	PR	72 U	72 U	72 U	72 U	72 U	72 U	72 U	72 U
8/16/00	S357	002-015	PR	59 U	110	59 U	59 U	59 U	59 U	59 U	59 U
8/16/00	S358	000-015	PR	55 U	55 U	55 U	55 U	55 U	55 U	55 U	55 U
8/16/00	S359	000-015	PR	56 J	270 J	49 UJ	49 UJ	49 U	49 UJ	49 UJ	49 UJ
8/16/00	S360	000-002	PR	59 UM	145 M	59 UM	59 UM	59 UM	59 UM	59 UM	59 UM
8/16/00	S360	002-015	PR	60 UM	85 M	60 UM	60 UM	60 UM	60 UM	60 UM	60 UM
8/17/00	S370	000-002	PR	55 UJ	55 UJ	55 UJ	55 UJ	55 U	55 UJ	55 UJ	55 UJ
8/17/00	S370	002-015	PR	51 UJ	51 UJ	51 UJ	51 UJ	51 U	51 UJ	51 UJ	51 UJ
8/17/00	S371	000-015	PR	65 UJ	320 J	65 UJ	65 UJ	65 U	65 UJ	65 UJ	65 UJ
8/17/00	S373	000-002	PR	57 UJ	64 J	57 UJ	57 UJ	57 U	57 UJ	57 UJ	57 UJ
8/17/00	S373	002-015	PR	57 UJ	140 J	57 UJ	57 UJ	57 U	57 UJ	57 UJ	57 UJ
8/17/00	S374	000-015	PR	67 UJ	67 UJ	67 UJ	67 UJ	67 U	67 UJ	67 UJ	67 UJ

Table I-9C. (cont.)

Date	Station	Depth cm	Sample	Di-n-octylphthalate µg/kg	Fluoranthene µg/kg	Fluorene µg/kg	Hexachloro-benzene µg/kg	Hexachlorobutadiene µg/kg	Hexachlorocyclopentadiene µg/kg	Hexachloroethane µg/kg	Indeno(1,2,3-cd)pyrene µg/kg	Isophorone µg/kg
7/13/00	S324	000-015	PR	77 U	58 J	77 U	1.0 U	77 U	400 U	77 U	77 U	77 U
7/14/00	S318	000-015	PR	42 UJ	760 J	69 J	8.0	42 UJ	220 UJ	42 UJ	230 J	42 UJ
7/14/00	S325	000-002	PR	72 U	340	72 U	2.1	72 U	370 U	72 U	130	72 UJ
7/14/00	S325	002-015	PR	72 UJ	150 J	72 UJ	2.1	72 UJ	370 UJ	72 UJ	61 J	72 UJ
7/14/00	S326	000-015	PR	78 U	390	78 U	1.8	78 U	400 U	78 U	150	78 UJ
7/15/00	S328	000-015	PR	51 UJ	97 J	51 UJ	1.1	51 UJ	260 UJ	51 UJ	35 J	51 UJ
7/16/00	S329	000-015	PR	61 UJ	61 UJ	61 UJ	1.0 U	61 UJ	320 UJ	61 UJ	61 UJ	61 UJ
7/16/00	S330	000-015	PR	55 U	55 U	55 U	1.0 U	55 U	280 UJ	55 U	55 U	55 U
7/16/00	S331	000-015	PR	89 UJ	240 J	58 J	2.0	89 UJ	460 UJ	89 UJ	88 J	89 UJ
7/18/00	S307	000-015	PR	55 U	3,800	130	55 U	55 U	280 UJ	55 U	1,200	55 U
7/18/00	S313	000-015	PR	11,000 U	250,000	140,000	11,000 U	11,000 U	59,000 UJ	11,000 U	38,000	11,000 U
7/20/00	S311	000-015	PR	350 U	750	510	22	350 U	1,800 U	350 U	350 U	350 U
7/21/00	S306	000-015	PR	52 UJ	52 UJ	52 UJ	28	52 UJ	270 UJ	52 UJ	52 UJ	52 UJ
7/22/00	S301	000-015	PR	62 UJ	86 J	62 UJ	19	62 UJ	320 UJ	62 UJ	62 UJ	62 UJ
7/27/00	S353	000-015	PR	540 U	17,000	1,200	117	540 U	2,800 U	540 U	5,400	540 U
8/2/00	S333	000-015	PR	2,500 U	20,000	18,000	3.9	2,500 U	13,000 U	2,500 U	2,500 U	2,500 U
8/2/00	S334	000-015	PR	170 U	12,000	2,500	5.0	170 U	880 U	170 U	2,800	170 U
8/2/00	S335	000-015	PR	340 U	4,600	1,400	43	340 U	1,700 U	340 U	950	340 U
8/3/00	S336	000-015	PR	33 U	980	33 U	1.2	33 U	170 U	33 U	240	33 U
8/3/00	S338	000-015	PR	33 U	1,700	330	11	33 U	170 U	33 U	330	33 U
8/3/00	S339	000-015	PR	33 U	5,500	880	2.6	33 U	170 U	33 U	1,200	33 U
8/3/00	S340	000-015	PR	33 U	3,100	900	143	33 U	170 UJ	33 U	360	33 U
8/4/00	S319	000-015	PR	68 UJ	2,600 J	160 J	21	68 UJ	350 UJ	68 UJ	1,000 J	68 UJ
8/4/00	S321	000-015	PR	46 U	490	46 U	46 U	46 U	240 U	46 U	280	46 U
8/4/00	S341	000-015	PR	61 U	1,500	420	24	61 U	310 UJ	61 U	210	61 U
8/4/00	S343	000-015	PR	1,100 U	1,100 U	1,200	35	1,100 U	5,700 UJ	1,100 U	1,100 U	1,100 U
8/4/00	S345	000-015	PR	790 U	790 U	790 U	790 U	790 U	4,100 UJ	790 U	790 U	790 U
8/4/00	S346	000-015	PR	270 U	620	380 J	53	270 U	1,400 UJ	270 U	270 U	270 U
8/4/00	S347	000-015	PR	540 U	540 U	540 U	37	540 U	2,800 UJ	540 U	540 U	540 U
8/5/00	S327	000-015	PR	890 U	1,000	890 U	1.1 U	890 U	4,600 U	890 U	890 U	890 U
8/5/00	S348	000-015	PR	980 U	980 U	980 U	980 U	980 U	5,100 U	980 U	980 U	980 U
8/5/00	S349	000-015	PR	340 U	1,400	550	93	340 U	1,700 U	340 U	340 U	340 U
8/5/00	S350	000-015	PR	88 U	1,400	750	211	88 U	450 U	88 U	88 U	88 U
8/5/00	S351	000-015	PR	180 UJ	13,000	1,800	149	180 U	920 U	180 U	2,300	180 U
8/9/00	S304	000-015	PR	54 U	270 J	54 U	755	54 U	280 UJ	54 U	91 J	54 U
8/9/00	S434	000-015	PR	55 U	170 J	55 U	1.0 U	55 U	280 UJ	55 U	97 J	55 U
8/9/00	S435	000-005	PR	230,000 U	230,000 U	230,000 U	1.1 U	230,000 U	1,200,000 UJ	230,000 U	230,000 U	230,000 U
8/10/00	S308	000-015	PR	96 UJ	310 J	96 UJ	1.7	96 UJ	490 UR	96 UJ	160 J	96 UJ
8/10/00	S314	000-015	PR	1,400 UJ	8,000 J	3,700 J	6,750	1,400 UJ	7,100 UJ	1,400 UJ	1,400 UJ	1,400 UJ
8/10/00	S316	000-015	PR	86 U	3,000	86 U	86 U	86 U	440 UR	86 U	1,100	86 U
8/10/00	S322	000-015	PR	200 UJ	6,400 J	200 UJ	3.5	200 UJ	1,000 UR	200 UJ	1,200 J	200 UJ
8/10/00	S342	000-015	PR	580 U	580 U	580 U	27	580 U	3,000 UR	580 U	580 U	580 U

Table I-9C. (cont.)

Date	Station	Depth cm	Sample	Di-n-octylphthalate µg/kg	Fluoranthene µg/kg	Fluorene µg/kg	Hexachloro-benzene µg/kg	Hexachlorobutadiene µg/kg	Hexachlorocyclopentadiene µg/kg	Hexachloroethane µg/kg	Indeno(1,2,3-cd)pyrene µg/kg	Isophorone µg/kg
8/10/00	S344	000-015	PR	3,800 U	3,800 U	3,800 U	3,800 U	3,800 U	20,000 UR	3,800 U	3,800 U	3,800 U
8/10/00	S352	000-015	PR	600 UJ	32,000 J	12,000 J	194	600 UJ	3,100 UJ	600 UJ	4,200 J	600 UJ
8/10/00	S354	000-015	PR	130 UJ	830 J	130 UJ	7.4	130 UJ	670 UR	130 UJ	350 J	130 UJ
8/10/00	S355	000-015	PR	140 UJ	1,400 J	140 UJ	7.8	140 UJ	710 UJ	140 UJ	580 J	140 UJ
8/11/00	S315	000-015	PR	130 U	1,300	130 U	15	130 U	670 U	130 U	510	130 U
8/11/00	S317	000-015	PR	86 U	4,000	160	27	86 U	450 U	86 U	1,000	86 U
8/11/00	S332	000-015	PR	620 U	1,800	1,700	70	620 U	3,200 U	620 U	620 U	620 U
8/11/00	S337	000-015	PR	81 U	760	81 U	2.0	81 U	420 U	81 U	200	81 U
8/11/00	S372	000-015	PR	57 U	57 U	57 U	1.1 U	57 U	290 U	57 U	57 U	57 U
8/12/00	S302	000-015	PR	77 U	470	77 U	19	77 U	400 UJ	77 U	220	77 U
8/12/00	S303	000-015	PR	110 U	360	110 U	2.5	110 U	570 UJ	110 U	180	110 U
8/12/00	S305	000-015	PR	72 U	72 U	72 U	54	72 U	370 UJ	72 U	72 U	72 U
8/13/00	S320	000-015	PR	96 U	630	96 U	15	96 U	500 U	96 U	310	96 U
8/13/00	S323	000-015	PR	61 U	480	61 U	3.4	61 U	310 U	61 U	200	61 U
8/13/00	S365	000-015	PR	87 U	87 U	87 U	3.1	87 U	450 U	87 U	87 U	87 U
8/14/00	S309	000-015	PR	1,600 U	4,300	1,800	14	1,600 U	8,100 UJ	1,600 U	1,600 U	1,600 U
8/14/00	S310	000-015	PR	190 U	540	190 U	22	190 U	980 UJ	190 U	210	190 U
8/14/00	S312	000-015	PR	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
8/15/00	S340	000-002	PR	364 UM	295 M	360 M	14	364 UM	1,875 UM	364 UM	202 M	364 UM
8/15/00	S351	000-002	PR	72 UJ	72 UJ	72 UJ	124	72 UJ	370 UJ	72 UJ	72 UJ	72 UJ
8/15/00	S361	000-015	PR	56 UM	59 M	56 UM	1.1 U	56 UM	290 UM	56 UM	56 UM	56 UM
8/15/00	S362	000-015	PR	53 U	53 U	53 U	1.1 U	53 U	270 UJ	53 U	53 U	53 U
8/15/00	S363	000-002	PR	51 UJ	51 UJ	51 UJ	4.3	51 UJ	260 UJ	51 UJ	51 UJ	51 UJ
8/15/00	S363	002-015	PR	374 UM	217 M	374 UM	1.1 U	374 UM	1,925 UM	374 UM	374 UM	374 UM
8/15/00	S364	000-015	PR	110 UJ	110 UJ	110 UJ	1.1 U	110 UJ	540 UJ	110 UJ	110 UJ	110 UJ
8/15/00	S366	000-015	PR	63 U	63 U	63 U	1.1 U	63 U	320 UJ	63 U	63 U	63 U
8/15/00	S367	000-002	PR	58 U	350	58 U	1.0 U	58 U	300 U	58 U	140	58 U
8/15/00	S367	002-015	PR	58 U	80	58 U	1.1 U	58 U	300 UJ	58 U	58 U	58 U
8/15/00	S368	000-015	PR	65 U	65 U	65 U	1.1 U	65 U	340 UJ	65 U	65 U	65 U
8/15/00	S369	000-015	PR	57 U	57 U	57 U	1.1 U	57 U	290 U	57 U	57 U	57 U
8/16/00	S356	000-015	PR	56 U	56 U	56 U	1.1 U	56 U	290 U	56 U	56 U	56 U
8/16/00	S357	000-002	PR	72 U	72 U	72 U	1.1 U	72 U	370 U	72 U	72 U	72 U
8/16/00	S357	002-015	PR	59 U	190	59 U	1.1 U	59 U	300 U	59 U	59 U	59 U
8/16/00	S358	000-015	PR	55 U	55 U	55 U	1.1 U	55 U	280 U	55 U	55 U	55 U
8/16/00	S359	000-015	PR	49 UJ	610 J	49 UJ	10	49 UJ	250 UJ	49 UJ	100 J	49 UJ
8/16/00	S360	000-002	PR	59 UM	255 M	59 UM	132	59 UM	300 UM	59 UM	81 M	59 UM
8/16/00	S360	002-015	PR	60 UM	145 M	60 UM	34	60 UM	305 UM	60 UM	60 UM	60 UM
8/17/00	S370	000-002	PR	55 UJ	72 J	55 UJ	55 U	55 UJ	280 UJ	55 UJ	55 UJ	55 UJ
8/17/00	S370	002-015	PR	51 UJ	73 J	51 UJ	1.1 U	51 UJ	260 UJ	51 UJ	51 UJ	51 UJ
8/17/00	S371	000-015	PR	65 UJ	630 J	65 UJ	3.9	65 UJ	330 UJ	65 UJ	200 J	65 UJ
8/17/00	S373	000-002	PR	57 UJ	120 J	57 UJ	57 U	57 UJ	290 UJ	57 UJ	57 UJ	57 UJ
8/17/00	S373	002-015	PR	57 UJ	270 J	57 UJ	57 U	57 UJ	300 UJ	57 UJ	95 J	57 UJ
8/17/00	S374	000-015	PR	67 UJ	67 UJ	67 UJ	67 U	67 UJ	340 UJ	67 UJ	67 UJ	67 UJ

Table I-9C. (cont.)

Date	Station	Depth cm	Sample	Naphthalene µg/kg	Nitro-benzene µg/kg	N-Nitro-sodimethylamine µg/kg	N-nitroso-di-n-propylamine µg/kg	N-Nitrosodiphenylamine(1) µg/kg	Penta-chlorophenol µg/kg	Phenanthrene µg/kg	Phenol µg/kg	Pyrene µg/kg	Trichloro-benzenes (Sum) µg/kg
7/13/00	S324	000-015	PR	77 U	77 U	400 U	77 U	77 U	2,000 U	77 U	77 U	58 J	77 U
7/14/00	S318	000-015	PR	53 J	42 UJ	220 UJ	42 UJ	42 UJ	1,100 UJ	440 J	42 UJ	700 J	42 U
7/14/00	S325	000-002	PR	260	72 U	370 U	72 U	72 U	1,900 U	160	72 U	260	72 U
7/14/00	S325	002-015	PR	48 J	72 UJ	370 UJ	72 UJ	72 UJ	1,900 U	77 J	72 U	120 J	72 U
7/14/00	S326	000-015	PR	91	78 U	400 U	78 U	78 U	2,000 U	160	78 U	300	78 U
7/15/00	S328	000-015	PR	51 UJ	51 UJ	260 UJ	51 UJ	51 UJ	1,300 UJ	74 J	51 UJ	87 J	51 U
7/16/00	S329	000-015	PR	61 UJ	61 UJ	320 UJ	61 UJ	61 UJ	1,600 UJ	61 UJ	61 UJ	61 UJ	61 U
7/16/00	S330	000-015	PR	55 U	55 U	280 U	55 U	55 U	1,400 UJ	55 U	55 UJ	31 J	55 U
7/16/00	S331	000-015	PR	89 UJ	89 UJ	460 UJ	89 UJ	89 UJ	2,300 UJ	98 J	89 UJ	250 J	89 U
7/18/00	S307	000-015	PR	58	55 U	280 U	55 U	55 U	1,400 U	1,800	55 U	3,200	55 U
7/18/00	S313	000-015	PR	72,000	11,000 U	59,000 U	11,000 U	11,000 U	300,000 U	380,000	11,000 U	150,000	11,000 U
7/20/00	S311	000-015	PR	20,000	350 U	1,800 U	350 U	350 U	8,900 U	1,600	2,200	430	350 U
7/21/00	S306	000-015	PR	52 UJ	52 UJ	270 UJ	52 UJ	52 UJ	1,300 UJ	52 UJ	52 UJ	52 UJ	52 U
7/22/00	S301	000-015	PR	62 UJ	62 UJ	320 UJ	62 UJ	62 UJ	1,600 UJ	62 UJ	62 UJ	70 J	62 U
7/27/00	S353	000-015	PR	1,400	540 U	2,800 U	540 U	540 U	14,000 U	10,000	540 U	13,000	540 U
8/2/00	S333	000-015	PR	130,000	2,500 U	13,000 U	2,500 U	2,500 U	66,000 UJ	42,000	2,500 U	15,000	2,500 U
8/2/00	S334	000-015	PR	5,500	170 U	880 U	170 U	170 U	4,400 UJ	10,000	170 U	9,600	170 U
8/2/00	S335	000-015	PR	15,000	340 U	1,700 U	340 U	340 U	8,700 UJ	4,000	340 U	3,400	340 U
8/3/00	S336	000-015	PR	360	33 U	170 U	33 U	33 U	850 U	720	33 U	880	33 U
8/3/00	S338	000-015	PR	330	33 U	170 U	33 U	33 U	850 U	1,300	33 U	1,200	33 U
8/3/00	S339	000-015	PR	7,700	33 U	170 U	33 U	33 U	850 U	4,600	33 U	3,800	33 U
8/3/00	S340	000-015	PR	18,000	33 U	170 U	33 U	33 U	850 U	4,500	33 U	2,200	500
8/4/00	S319	000-015	PR	230 J	68 UJ	350 UJ	68 UJ	68 UJ	1,800 UJ	1,300 J	68 UJ	2,700 J	68 U
8/4/00	S321	000-015	PR	46 U	46 U	240 U	46 U	46 U	1,200 U	240	46 U	610	46 U
8/4/00	S341	000-015	PR	16,000	61 U	310 U	61 U	61 U	1,600 U	2,000	440	1,100	330
8/4/00	S343	000-015	PR	72,000	1,100 U	5,700 U	1,100 U	1,100 U	29,000 U	2,300	1,100 U	1,100 U	1,100 U
8/4/00	S345	000-015	PR	56,000	790 U	4,100 U	790 U	790 U	20,000 UJ	790 U	940 J	790 U	790 U
8/4/00	S346	000-015	PR	17,000	270 U	1,400 U	270 U	270 U	6,900 U	770	270 U	620	270 U
8/4/00	S347	000-015	PR	11,000	540 U	2,800 U	540 U	540 U	14,000 UJ	540 U	540 UJ	540 U	3,700
8/5/00	S327	000-015	PR	890 U	890 U	4,600 U	890 U	890 U	23,000 U	890 U	890 U	890 U	890 U
8/5/00	S348	000-015	PR	49,000	980 U	5,100 U	980 U	980 U	25,000 U	980 U	980 U	980 U	980 U
8/5/00	S349	000-015	PR	23,000	340 U	1,700 U	340 U	340 U	8,700 U	2,400	2,600	1,500	340 U
8/5/00	S350	000-015	PR	34,000	88 U	450 U	88 U	88 U	2,300 U	2,200	190	940	340
8/5/00	S351	000-015	PR	4,100	180 U	920 U	180 U	180 U	4,600 U	6,700	250	9,700	2,400
8/9/00	S304	000-015	PR	54 U	54 U	280 U	54 U	54 U	1,400 U	160 J	54 U	290 J	54 U
8/9/00	S434	000-015	PR	55 U	55 U	280 U	55 U	55 U	1,400 U	72 J	55 U	230 J	55 U
8/9/00	S435	000-005	PR	26,000,000 J	230,000 U	1,200,000 U	230,000 U	230,000 U	6,000,000 U	630,000 J	230,000 U	230,000 U	230,000 U
8/10/00	S308	000-015	PR	96 UJ	96 UJ	490 UJ	96 UJ	96 UJ	2,500 UJ	130 J	96 UJ	300 J	96 U
8/10/00	S314	000-015	PR	46,000 J	1,400 UJ	7,100 UJ	1,400 UJ	1,400 UJ	35,000 UJ	9,600 J	1,400 UJ	1,400 UJ	1,400 U
8/10/00	S316	000-015	PR	260	86 U	440 U	86 U	86 U	2,200 UJ	1,500	86 UJ	3,200	86 U
8/10/00	S322	000-015	PR	570 J	200 UJ	1,000 UJ	200 UJ	200 UJ	5,200 UJ	7,800 J	200 UJ	6,900 J	200 U
8/10/00	S342	000-015	PR	32,000	580 U	3,000 U	580 U	580 U	15,000 UJ	960	1,900 J	580 U	580 U

Table I-9C. (cont.)

Date	Station	Depth cm	Sample	Naphthalene µg/kg	Nitro-benzene µg/kg	N-Nitro-sodimethylamine µg/kg	N-nitroso-di-n-propylamine µg/kg	N-Nitrosodiphenylamine(1) µg/kg	Penta-chlorophenol µg/kg	Phenanthrene µg/kg	Phenol µg/kg	Pyrene µg/kg	Trichloro-benzenes (Sum) µg/kg
8/10/00	S344	000-015	PR	170,000	3,800 U	20,000 U	3,800 U	3,800 U	100,000 UJ	4,800	3,800 U	3,800 U	35,000
8/10/00	S352	000-015	PR	25,000 J	600 UJ	3,100 UJ	600 UJ	600 UJ	15,000 UJ	38,000 J	600 UJ	26,000 J	600 U
8/10/00	S354	000-015	PR	310 J	130 UJ	670 UJ	130 UJ	130 UJ	3,300 UJ	370 J	130 UJ	740 J	130 U
8/10/00	S355	000-015	PR	170 J	140 UJ	710 UJ	140 UJ	140 UJ	3,600 UJ	550 J	140 UJ	1,300 J	140 U
8/11/00	S315	000-015	PR	260 U	130 U	670 U	130 U	130 U	3,300 UJ	490	130 UJ	910	130 U
8/11/00	S317	000-015	PR	490 U	86 U	450 U	86 U	86 U	2,200 U	1,100	86 U	2,600	86 U
8/11/00	S332	000-015	PR	38,000	620 U	3,200 U	620 U	620 U	16,000 UJ	2,500	620 UJ	620 U	620 U
8/11/00	S337	000-015	PR	350 U	81 U	420 U	81 U	81 U	2,100 U	330	81 U	500	81 U
8/11/00	S372	000-015	PR	57 U	57 U	290 U	57 U	57 U	1,500 U	57 U	57 U	57 U	57 U
8/12/00	S302	000-015	PR	77 U	77 U	400 U	77 U	77 U	2,000 U	180	77 U	410	77 U
8/12/00	S303	000-015	PR	110 U	110 U	570 U	110 U	110 U	2,900 UJ	160	110 UJ	340	110 U
8/12/00	S305	000-015	PR	72 U	72 U	370 U	72 U	72 U	1,800 U	72 U	72 U	72 U	72 U
8/13/00	S320	000-015	PR	96 U	96 U	500 U	96 U	96 U	2,500 U	270	96 U	630	96 U
8/13/00	S323	000-015	PR	61 U	61 U	310 U	61 U	61 U	1,600 U	220	61 U	450	61 U
8/13/00	S365	000-015	PR	190	87 U	450 U	87 U	87 U	2,200 U	87 U	87 U	100	87 U
8/14/00	S309	000-015	PR	70,000	1,600 U	8,100 U	1,600 U	1,600 U	40,000 U	5,500	1,600 U	3,900	1,600 U
8/14/00	S310	000-015	PR	1,300	190 U	980 U	190 U	190 U	4,900 U	190 U	190 U	560	190 U
8/14/00	S312	000-015	PR	42,000	3,400 U	18,000 U	3,400 U	3,400 U	89,000 U	3,400 U	3,400 U	3,400 U	5,400
8/15/00	S340	000-002	PR	12,150 M	364 UM	1,875 UM	364 UM	364 UM	9,350 UM	485 M	280 M	260 M	364 UM
8/15/00	S351	000-002	PR	72 UJ	72 UJ	370 UJ	72 UJ	72 UJ	1,800 UJ	72 UJ	72 UJ	72 UJ	72 U
8/15/00	S361	000-015	PR	56 UM	56 UM	290 UM	56 UM	56 UM	1,400 UM	56 UM	56 UM	64 M	56 UM
8/15/00	S362	000-015	PR	53 U	53 U	270 U	53 U	53 U	1,400 U	53 U	53 U	53 U	53 U
8/15/00	S363	000-002	PR	3,100 J	51 UJ	260 UJ	51 UJ	51 UJ	1,300 UJ	51 UJ	510 J	51 UJ	51 U
8/15/00	S363	002-015	PR	11,017 M	374 UM	1,925 UM	374 UM	374 UM	9,850 UM	374 UM	374 UM	225 M	374 UM
8/15/00	S364	000-015	PR	110 UJ	110 UJ	540 UJ	110 UJ	110 UJ	2,700 U	110 UJ	1,200	130 J	110 U
8/15/00	S366	000-015	PR	63 U	63 U	320 U	63 U	63 U	1,600 U	63 U	63 U	63 U	63 U
8/15/00	S367	000-002	PR	58 U	58 U	300 U	58 U	58 U	1,500 U	230	58 U	360	58 U
8/15/00	S367	002-015	PR	58 U	58 U	300 U	58 U	58 U	1,500 U	58 U	58 U	84	58 U
8/15/00	S368	000-015	PR	65 U	65 U	340 U	65 U	65 U	1,700 U	65 U	65 U	65 U	65 U
8/15/00	S369	000-015	PR	57 U	57 U	290 U	57 U	57 U	1,500 U	57 U	57 U	57 U	57 U
8/16/00	S356	000-015	PR	56 U	56 U	290 U	56 U	56 U	1,400 UJ	56 U	56 UJ	56 U	56 U
8/16/00	S357	000-002	PR	72 U	72 U	370 U	72 U	72 U	1,900 U	72 U	72 U	72 U	72 U
8/16/00	S357	002-015	PR	59 U	59 U	300 U	59 U	59 U	1,500 U	60	59 U	170	59 U
8/16/00	S358	000-015	PR	55 U	55 U	280 U	55 U	55 U	1,400 U	55 U	55 U	55 U	55 U
8/16/00	S359	000-015	PR	49 UJ	49 UJ	250 UJ	49 UJ	49 UJ	1,300 UJ	450 J	49 UJ	480 J	49 U
8/16/00	S360	000-002	PR	59 UM	59 UM	300 UM	59 UM	59 UM	1,500 UM	102 M	59 UM	200 M	59 UM
8/16/00	S360	002-015	PR	60 UM	60 UM	305 UM	60 UM	60 UM	1,550 UM	60 UM	585 M	119 M	60 UM
8/17/00	S370	000-002	PR	55 UJ	55 UJ	280 UJ	55 UJ	55 UJ	1,400 UJ	55 UJ	55 UJ	64 J	55 U
8/17/00	S370	002-015	PR	51 UJ	51 UJ	260 UJ	51 UJ	51 UJ	1,300 UJ	51 UJ	51 UJ	71 J	51 U
8/17/00	S371	000-015	PR	65 UJ	65 UJ	330 UJ	65 UJ	65 UJ	1,700 UJ	300 J	65 UJ	540 J	65 U
8/17/00	S373	000-002	PR	57 UJ	57 UJ	290 UJ	57 UJ	57 UJ	1,500 UJ	57 UJ	57 UJ	110 J	57 U
8/17/00	S373	002-015	PR	57 UJ	57 UJ	300 UJ	57 UJ	57 UJ	1,500 UJ	90 J	57 UJ	260 J	57 U
8/17/00	S374	000-015	PR	67 UJ	67 UJ	340 UJ	67 UJ	67 UJ	1,700 UJ	67 UJ	67 UJ	67 UJ	67 U

Table I-9D. 2000 Onondaga Lake Surface Sediment, Pesticides and PCBs

Date	Station	Depth cm	4,4'-DDD (µg/kg)	4,4'-DDE (µg/kg)	4,4'-DDT (µg/kg)	Aldrin & Dieldrin (µg/kg)	Aldrin (µg/kg)	alpha-BHC (µg/kg)	alpha-Chlordane (µg/kg)	Aroclor-1016 (µg/kg)	Aroclor-1221 (µg/kg)	Aroclor-1232 (µg/kg)	Aroclor-1242 (µg/kg)	Aroclor-1248 (µg/kg)
7/13/00	S324	000-015	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	51 U	51 U	51 U	51 U	19 J
7/14/00	S318	000-015	1.0 UJ	1.0 U	3.2 R	1.0 U	1.0 U	1.0 UJ	1.0 U	50 U	50 U	50 U	131 J	50 U
7/14/00	S325	000-002	1.0 UJ	1.0 UJ	2.3 J	2.3	1.0 U	1.0 UJ	1.0 U	51 U	51 U	51 U	51 U	61 J
7/14/00	S325	002-015	1.0 UJ	1.0 UJ	1.0 R	3.2	1.0 U	1.0 UJ	1.0 U	50 U	50 U	50 U	50 U	63 J
7/14/00	S326	000-015	1.0 U	1.0 U	8.4 J	7.3	2.0 J	1.0 U	1.0 R	50 U	50 U	50 U	50 U	122 J
7/15/00	S328	000-015	1.0 UJ	1.0 U	2.1 J	1.0 U	1.0 U	1.0 UJ	1.0 U	50 U	50 U	50 U	50 U	40 J
7/16/00	S329	000-015	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	50 U	50 U	50 U	50 U	50 U
7/16/00	S330	000-015	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	50 U	50 U	50 U	50 U	50 U
7/16/00	S331	000-015	1.0 UJ	3.0 R	10 J	9.0	4.0 R	1.0 UJ	1.0 UJ	50 U	50 U	50 U	258 J	50 U
7/18/00	S307	000-015	1.0 UJ	7.4 J	4.2 J	4.2	5.8 UJ	1.0 UJ	1.0 UJ	150 U	150 U	150 U	150 U	150 U
7/18/00	S313	000-015	44 R	23 R	88 J	31	51 R	13 J	17 R	1,500 U	1,500 U	1,500 U	2,190 J	1,500 U
7/20/00	S311	000-015	3.9 J	1.0 UR	3.1 J	R	1.0 UR	1.0 UR	1.0 UR	500 U	500 U	500 U	500 U	500 U
7/21/00	S306	000-015	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	50 U	50 U	50 U	50 U	50 U
7/22/00	S301	000-015	1.1 UJ	1.7 J	6.3 J	3.0	1.1 UJ	1.1 UJ	1.1 UJ	52 U	52 U	52 U	119 J	52 U
7/27/00	S353	000-015	1.0 UJ	3.9 R	39 J	13	3.4 R	1.9 J	1.0 U	152 U	152 U	152 U	378 J	152 U
7/28/00	S332	000-002								52 U	52 U	52 U	63 J	52 U
7/28/00	S332	002-014								207 U	207 U	207 U	271 J	207 U
7/28/00	S400	000-002								51 U	51 U	51 U	51 U	51 U
7/28/00	S400	002-015								51 U	51 U	51 U	11 J	51 U
7/29/00	S344	000-002								522 U	522 U	522 U	4,800 J	522 U
7/29/00	S344	002-015								1,030 U	1,030 U	1,030 U	18,800 J	1,030 U
7/29/00	S401	000-002								102 U	102 U	102 U	444 J	102 U
7/29/00	S401	002-015								101 U	101 U	101 U	760 J	101 U
7/30/00	S342	000-002								155 U	155 U	155 U	213 J	155 U
7/30/00	S342	002-009								155 U	155 U	155 U	197 J	155 U
7/30/00	S402	000-002								206 U	206 U	206 U	269 J	206 U
7/30/00	S402	002-010								157 U	157 U	157 U	249 J	157 U
7/30/00	S403	000-002								104 U	104 U	104 U	136 J	104 U
7/30/00	S403	002-014								516 U	516 U	516 U	1,080 J	516 U
7/31/00	S404	000-002								516 U	516 U	516 U	963 J	516 U
7/31/00	S404	002-008								1,280 U	1,280 U	1,280 U	1,860 J	1,280 U
7/31/00	S405	000-002								203 U	203 U	203 U	1,100 J	203 U
7/31/00	S405	002-015								64 U	64 U	64 U	561 J	64 U
7/31/00	S406	000-002								205 U	205 U	205 U	1,040 J	205 U
7/31/00	S406	002-015								514 U	514 U	514 U	2,870 J	514 U
8/1/00	S317	000-002								104 U	104 U	104 U	307 J	104 U
8/1/00	S317	002-014								51 U	51 U	51 U	274 J	51 U
8/1/00	S323	000-002								52 U	52 U	52 U	344 J	52 U
8/1/00	S323	002-015								102 U	102 U	102 U	853 J	102 U
8/1/00	S407	000-002								104 U	104 U	104 U	199 J	104 U
8/1/00	S407	002-015								52 U	52 U	52 U	199 J	52 U
8/2/00	S305	000-002								52 U	52 U	52 U	52 U	52 U
8/2/00	S305	002-015								51 U	51 U	51 U	51 U	51 U
8/2/00	S333	000-015	1.0 UR	1.0 UR	5.0 R	6.0	1.0 UR	1.0 UR	1.0 UR	103 U	103 U	103 U	103 U	103 U
8/2/00	S334	000-015	1.0 UR	1.0 UR	7.4 J	R	1.0 UR	1.0 UR	1.0 UR	101 U	101 U	101 U	58 J	101 U
8/2/00	S335	000-015	1.0 UR	1.0 UR	4.0 J	2.9	1.0 UR	1.0 UR	1.0 UR	103 U	103 U	103 U	82 J	103 U
8/2/00	S372	000-002								53 U	53 U	53 U	13 J	53 U
8/2/00	S372	002-014								51 UM	51 UM	51 UM	51 UM	51 UM

Table I-9D. (cont.)

Date	Station	Depth cm	4,4'-DDD (µg/kg)	4,4'-DDE (µg/kg)	4,4'-DDT (µg/kg)	Aldrin & Dieldrin (µg/kg)	Aldrin (µg/kg)	alpha-BHC (µg/kg)	alpha-Chlordane (µg/kg)	Aroclor-1016 (µg/kg)	Aroclor-1221 (µg/kg)	Aroclor-1232 (µg/kg)	Aroclor-1242 (µg/kg)	Aroclor-1248 (µg/kg)
8/3/00	S336	000-015	1.0 UJ	1.0 R	3.5 J	3.8	1.0 UJ	1.0 UJ	1.0 UJ	52 U	52 U	52 U	20 J	52 U
8/3/00	S338	000-015	1.0 UJ	5.4 J	26 J	36	1.0 UJ	2.5 J	2.5 J	152 U	152 U	152 U	1,800 J	152 U
8/3/00	S339	000-015	1.1 UJ	4.1 J	17 J	3.5	3.5 J	1.1 J	1.1 UJ	53 U	53 U	53 U	314 J	53 U
8/3/00	S340	000-015	1.1 UR	1.1 UR	4.1 J	R	1.1 UR	1.7 J	1.1 UJ	54 U	54 U	54 U	147 J	54 U
8/4/00	S319	000-015	1.1 UR	3.1 R	6.7 J	R	1.1 UR	1.1 UR	1.1 UJ	55 U	55 U	55 U	241 J	55 U
8/4/00	S321	000-015	1.1 UR	1.1 UR	1.1 UR	R	1.1 UR	1.1 UR	1.1 UJ	53 U	53 U	53 U	18 J	53 U
8/4/00	S341	000-015	1.1 UR	1.1 UR	1.1 UR	R	1.1 UR	1.1 UR	1.1 UJ	54 U	287 J	54 U	54 U	54 U
8/4/00	S343	000-015	1.1 UR	1.1 UR	1.1 UR	R	1.1 UR	1.1 UR	1.1 UR	53 U	53 U	53 U	152 J	53 U
8/4/00	S345	000-015	1.1 UR	1.1 UR	1.1 UR	R	1.1 UR	1.1 UR	1.1 UJ	55 U	55 U	55 U	185 J	55 U
8/4/00	S346	000-015	1.1 UJ	1.4 J	1.1 UR	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ	54 U	54 U	54 U	199 J	54 U
8/4/00	S347	000-015	1.0 UJ	1.0 U	1.6 J	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	51 U	51 U	51 U	112 J	51 U
8/5/00	S327	000-015	1.1 UJ	1.1 UJ	12 J	1.1 U	1.1 U	1.1 UJ	8.7 J	55 U	55 U	55 U	1,030 J	55 U
8/5/00	S348	000-015								51 U	51 U	51 U	134 J	51 U
8/5/00	S349	000-015	1.1 UJ	1.1 UJ	7.2 J	1.1 U	1.1 U	1.6 J	1.1 UJ	50 U	50 U	50 U	180 J	50 U
8/5/00	S350	000-015	1.0 UR	14 J	2.6 R	R	1.0 UR	1.0 UR	1.0 UR	52 UJ	52 UJ	52 UJ	247 J	52 UJ
8/5/00	S351	000-015	1.3 J	2.2 J	4.2 R	1.1 U	1.1 U	2.2 J	1.1 UJ	55 U	55 U	55 U	548 J	55 U
8/9/00	S304	000-015	1.1 UJ	1.1 UJ	1.5 J	1.3	1.1 U	1.1 UJ	1.1 UJ	53 U	53 U	53 U	16 J	53 U
8/9/00	S434	000-015	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 UJ	50 U	50 U	50 U	21 J	50 U
8/9/00	S435	000-005	1.1 UJ	1.1 UJ	2.9 J	1.1 U	1.1 U	1.1 UJ	1.1 UJ	54 UJ	54 UJ	54 UJ	67 J	54 UJ
8/10/00	S308	000-015	1.1 UJ	1.3 J	1.1 UR	1.4	1.1 UJ	1.1 UJ	1.1 UJ	54 U	54 U	54 U	65 J	54 U
8/10/00	S314	000-015	1.1 UJ	21 J	38 J	1.1 U	1.1 U	7.6 J	1.1 UJ	1,080 U	1,080 U	1,080 U	9,340 J	1,080 U
8/10/00	S316	000-015	1.1 UJ	1.4 J	1.1 UR	1.1 U	1.1 U	1.1 UJ	1.1 UJ	55 U	55 U	55 U	55 U	55 U
8/10/00	S322	000-015	1.1 UJ	18 J	29 J	1.1 U	1.1 U	1.1 UJ	4.2 J	52 U	52 U	52 U	915 J	52 U
8/10/00	S342	000-015	2.3 R	1.3 J	1.1 UR	1.1 U	1.1 U	1.1 UJ	1.1 UJ	54 U	54 U	54 U	161 J	54 U
8/10/00	S344	000-015	1.1 UJ	11 J	1.1 UR	1.1 U	1.1 U	4.4 J	1.1 UJ	538 U	538 U	538 U	10,500 J	538 U
8/10/00	S352	000-015	1.1 UJ	14 R	27 J	1.1 U	1.1 U	2.0 R	15 J	55 UJ	55 UJ	55 UJ	466 J	55 UJ
8/10/00	S354	000-015	1.1 UJ	1.7 J	2.6 J	1.1 U	1.1 U	1.1 UJ	1.5 J	55 U	55 U	55 U	142 J	55 U
8/10/00	S355	000-015	1.1 UJ	1.6 J	3.8 J	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ	54 UJ	54 UJ	54 UJ	100 J	54 UJ
8/11/00	S315	000-015	1.1 UJ	2.6 J	2.6 J	2.2	1.1 UJ	1.1 UJ	1.2 J	53 U	53 U	53 U	73 J	53 U
8/11/00	S317	000-015	1.1 R	2.2 J	5.9 J	3.0	1.1 R	1.1 UJ	1.5 J	54 U	54 U	54 U	168 J	54 U
8/11/00	S332	000-015	1.1 UR	1.4 J	1.1 UR	2.1	1.1 UR	1.1 UR	1.2 J	54 U	54 U	54 U	192 J	54 U
8/11/00	S337	000-015	1.1 UJ	1.9 J	2.8 J	7.1	1.6 J	1.1 UJ	1.1 UJ	53 U	53 U	53 U	181 J	53 U
8/11/00	S372	000-015	1.1 UJ	1.1 J	1.1 UR	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ	53 U	53 U	53 U	53 U	53 U
8/12/00	S302	000-015	1.1 UJ	1.1 UJ	2.2 J	1.1 U	1.1 U	1.1 UJ	1.1 UJ	54 U	54 U	54 U	17 J	54 U
8/12/00	S303	000-015	1.1 UR	1.1 UR	1.1 R	R	1.1 UR	1.1 UR	1.1 UR	54 UJ	54 UJ	54 UJ	54 UJ	54 UJ
8/12/00	S305	000-015	1.1 UR	2.4 J	1.1 UR	R	1.1 UR	1.1 UR	1.1 UR	55 U	55 U	55 U	55 U	55 U
8/13/00	S320	000-015	1.1 UJ	3.8 J	6.4 J	4.9	2.9 R	1.1 UJ	2.2 J	54 U	54 U	54 U	328 J	54 U
8/13/00	S323	000-015	1.1 UJ	4.4 J	13 J	13	6.1 UJ	1.1 UJ	2.1 J	53 U	53 U	53 U	1,210 J	53 U
8/13/00	S365	000-015	1.0 UJ	1.0 UJ	3.5 J	1.8	1.0 UJ	1.0 UJ	1.0 UJ	53 U	53 U	53 U	53 U	53 U
8/14/00	S309	000-015	6.9 R	8.0 J	8.1 R	16	5.0 UJ	3.2 J	4.1 J	53 U	1,550 J	53 U	898 J	53 U
8/14/00	S310	000-015	3.5 R	4.4 J	4.5 J	6.2	2.0 R	1.1 UJ	1.6 J	53 U	53 U	53 U	508 J	53 U
8/14/00	S312	000-015	1.1 UR	2.1 R	7.0 J	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ	54 U	1,210 J	54 U	542 J	54 U
8/15/00	S340	000-002	RM	1.1 UM	2.1 M	1.4	1.1 UM	1.1 UM	1.1 UM	53 UM	53 UM	53 UM	25 M	53 UM
8/15/00	S351	000-002	4.2 R	4.8 J	7.8 J	R	1.7 R	1.3 R	4.0 J	53 U	53 U	53 U	161 J	53 U
8/15/00	S361	000-015	1.0 UM	1.1 UM	1.1 UM	1.1 U	1.1 UM	1.1 UM	1.1 UM	53 UM	53 UM	53 UM	53 UM	53 UM
8/15/00	S362	000-015	1.1 UR	1.1 UJ	1.7 J	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ	53 U	53 U	53 U	53 U	53 U
8/15/00	S363	000-002	1.1 UJ	1.1 UJ	1.1 UJ	1.1 U	1.1 U	1.1 UJ	1.1 UJ	55 U	55 U	55 U	55 U	55 U
8/15/00	S363	002-015	1.1 UM	1.1 UM	1.3 M	1.1 U	1.1 UM	1.1 UM	1.1 UM	54 UM	54 UM	54 UM	20 M	54 UM

Table I-9D. (cont.)

Date	Station	Depth cm	4,4'-DDD (µg/kg)	4,4'-DDE (µg/kg)	4,4'-DDT (µg/kg)	Aldrin & Dieldrin (µg/kg)	Aldrin (µg/kg)	alpha-BHC (µg/kg)	alpha-Chlordane (µg/kg)	Aroclor-1016 (µg/kg)	Aroclor-1221 (µg/kg)	Aroclor-1232 (µg/kg)	Aroclor-1242 (µg/kg)	Aroclor-1248 (µg/kg)
8/15/00	S364	000-015	1.1 UR	1.1 UJ	1.1 UJ	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ	54 U	54 U	54 U	54 U	54 U
8/15/00	S366	000-015	1.1 UR	1.1 UJ	1.1 UJ	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ	55 U	55 U	55 U	55 U	55 U
8/15/00	S367	000-002	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 UJ	51 U	51 U	51 U	23 J	51 U
8/15/00	S367	002-015	1.1 UR	1.1 UJ	1.2 J	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ	54 U	54 U	54 U	54 U	54 U
8/15/00	S368	000-015	1.1 UJ	2.9 J	1.1 UR	1.1 U	1.1 U	1.1 UJ	1.1 UJ	55 U	55 U	55 U	21 J	55 U
8/15/00	S369	000-015	1.1 UJ	1.1 UJ	1.1 UJ	1.1 U	1.1 U	1.1 UJ	1.1 UJ	53 U	53 U	53 U	53 U	53 U
8/16/00	S356	000-015	1.1 UR	1.1 UJ	1.1 UR	1.1 U	1.1 U	1.1 UJ	1.1 UJ	53 U	53 U	53 U	53 U	53 U
8/16/00	S357	000-002	1.1 UR	1.1 UJ	1.1 UR	1.1 U	1.1 U	1.1 UJ	1.1 UJ	53 U	53 U	53 U	53 U	53 U
8/16/00	S357	002-015	1.1 UR	1.1 UJ	1.1 UR	1.1 U	1.1 U	1.1 UJ	1.1 UJ	53 U	53 U	53 U	53 U	53 U
8/16/00	S358	000-015	1.1 UR	1.1 UJ	1.1 UR	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ	53 U	53 U	53 U	53 U	53 U
8/16/00	S359	000-015	1.1 UR	1.1 UJ	1.3 J	1.3	1.1 UJ	1.1 UJ	1.1 UJ	54 U	54 U	54 U	54 U	54 U
8/16/00	S360	000-002	RM	1.1 UM	4.2 M	2.7	1.1 UM	1.1 UM	1.1 UM	54 UM	54 UM	54 UM	23 M	54 UM
8/16/00	S360	002-015	RM	1.1 UM	1.6 M	1.1 U	1.1 UM	1.1 UM	1.1 UM	54 UM	54 UM	54 UM	19 M	54 UM
8/17/00	S370	000-002	1.1 UR	1.4 J	1.1 UR	R	1.1 UR	1.1 UR	1.1 UR	54 U	54 U	54 U	54 U	54 U
8/17/00	S370	002-015	1.1 UR	1.2 J	1.1 UR	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ	55 U	55 U	55 U	55 U	55 U
8/17/00	S371	000-015	1.1 UR	1.1 UR	1.1 UR	R	1.1 UR	1.1 UR	1.1 UR	54 U	54 U	54 U	54 U	54 U
8/17/00	S373	000-002	1.1 UR	1.1 UR	1.1 UR	R	1.1 UR	1.1 UR	1.1 UR	54 U	54 U	54 U	54 U	54 U
8/17/00	S373	002-015	1.1 UR	1.1 UR	1.1 UR	R	1.1 UR	1.1 UR	1.1 UR	55 U	55 U	55 U	28 J	55 U
8/17/00	S374	000-015	1.1 UR	1.1 UR	1.1 UR	R	1.1 UR	1.1 UR	1.1 UR	54 U	54 U	54 U	54 U	54 U

Table I-9D. (cont.)

Date	Station	Depth cm	Aroclor-1254 (µg/kg)	Aroclor-1260 (µg/kg)	Aroclor-1268 (µg/kg)	beta-BHC (µg/kg)	Chlordane (Sum) (µg/kg)	DDT and metabolites (Sum) (µg/kg)	delta-BHC (µg/kg)	Dieldrin (µg/kg)	Endosulfan I (µg/kg)	Endosulfan II (µg/kg)	Endosulfan sulfate (µg/kg)
7/13/00	S324	000-015	16 J	11 J	51 U	1.0 UJ	1.0 U	1.0 U	1.0 UR	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
7/14/00	S318	000-015	80 J	40 J	50 U	1.0 UJ	1.0 U	1.0 U	1.0 UR	1.0 U	1.0 U	1.0 UJ	1.0 UR
7/14/00	S325	000-002	52 J	26 J	51 U	1.0 UJ	1.0 U	2.3	1.0 UR	2.3 J	1.0 U	1.0 UJ	1.0 UR
7/14/00	S325	002-015	64 J	27 J	50 U	1.0 UJ	1.0 U	1.0 U	1.0 UR	3.2 J	1.0 U	1.0 UJ	1.0 UR
7/14/00	S326	000-015	105 J	43 J	50 U	1.0 U	2.3	8.4	1.0 U	5.3	1.0 U	1.0 U	4.8 J
7/15/00	S328	000-015	51 J	23 J	50 U	1.0 UJ	1.0 U	2.1	1.0 UR	1.0 U	1.0 U	1.0 UJ	1.0 UR
7/16/00	S329	000-015	50 U	50 U	50 U	1.0 UJ	1.0 U	1.0 U	2.0 J	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
7/16/00	S330	000-015	11 J	50 U	50 U	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
7/16/00	S331	000-015	140 J	52 J	50 U	1.0 UJ	5.0	10	1.0 J	9.0 J	1.0 UJ	1.0 UJ	3.0 J
7/18/00	S307	000-015	124 J	150 U	150 U	1.0 UR	1.0 U	12	1.0 UR	4.2 J	1.0 UJ	1.0 UJ	5.2 J
7/18/00	S313	000-015	1,500 U	1,020 J	1,500 U	1.0 UR	R	88	1.0 UR	31 J	1.0 UJ	1.0 UJ	31 J
7/20/00	S311	000-015	500 U	500 U	500 U	1.0 UR	R	7.0	1.0 UR	1.0 UR	1.0 UR	1.0 UR	1.3 R
7/21/00	S306	000-015	50 U	50 U	50 U	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
7/22/00	S301	000-015	89 J	57 J	25 J	1.8 U	1.5	8.0	1.1 UJ	3.0 J	1.1 U	1.1 UJ	5.0 J
7/27/00	S353	000-015	360 J	208 J	152 U	1.0 U	1.0 U	39	1.0 UJ	13 J	1.0 U	1.0 UJ	8.2 R
7/28/00	S332	000-002	94 J	49 J	52 U								
7/28/00	S332	002-014	207 U	207 U	207 U								
7/28/00	S400	000-002	19 J	19 J	51 U								
7/28/00	S400	002-015	11 J	51 U	51 U								
7/29/00	S344	000-002	477 J	503 J	522 U								
7/29/00	S344	002-015	1,270 J	885 J	1,030 U								
7/29/00	S401	000-002	285 J	103 J	102 U								
7/29/00	S401	002-015	412 J	173 J	101 U								
7/30/00	S342	000-002	155 U	155 U	155 U								
7/30/00	S342	002-009	64 J	155 U	155 U								
7/30/00	S402	000-002	206 U	206 U	206 U								
7/30/00	S402	002-010	157 U	157 U	157 U								
7/30/00	S403	000-002	29 J	104 J	104 U								
7/30/00	S403	002-014	192 J	516 U	516 U								
7/31/00	S404	000-002	252 J	309 J	516 U								
7/31/00	S404	002-008	739 J	324 J	1,280 U								
7/31/00	S405	000-002	1,000 J	428 J	203 U								
7/31/00	S405	002-015	376 J	129 J	64 U								
7/31/00	S406	000-002	88 J	110 J	205 U								
7/31/00	S406	002-015	177 J	133 J	514 U								
8/1/00	S317	000-002	283 J	127 J	104 U								
8/1/00	S317	002-014	156 J	68 J	51 U								
8/1/00	S323	000-002	165 J	96 J	52 U								
8/1/00	S323	002-015	356 J	102 J	102 U								
8/1/00	S407	000-002	287 J	129 J	104 U								
8/1/00	S407	002-015	138 J	115 J	52 U								
8/2/00	S305	000-002	11 J	52 U	52 U								
8/2/00	S305	002-015	23 J	18 J	51 U								
8/2/00	S333	000-015	52 J	103 U	103 U	2.0 J	R	1.0 R	1.0 UR	6.0 J	1.0 UR	1.0 UR	1.0 UR
8/2/00	S334	000-015	85 J	37 J	101 U	1.1 R	R	7.4	1.0 UR	2.2 R	1.0 UR	1.0 UR	1.0 UR
8/2/00	S335	000-015	99 J	34 J	103 U	3.9 J	R	4.0	1.0 UR	2.9 J	1.0 UR	1.0 UR	1.0 UR
8/2/00	S372	000-002	25 J	53 U	53 U								
8/2/00	S372	002-014	51 UM	51 UM	51 U								

Table I-9D. (cont.)

Date	Station	Depth cm	Aroclor-1254 (µg/kg)	Aroclor-1260 (µg/kg)	Aroclor-1268 (µg/kg)	beta-BHC (µg/kg)	Chlordane (Sum) (µg/kg)	DDT and metabolites (Sum) (µg/kg)	delta-BHC (µg/kg)	Dieldrin (µg/kg)	Endosulfan I (µg/kg)	Endosulfan II (µg/kg)	Endosulfan sulfate (µg/kg)
8/3/00	S336	000-015	63 J	24 J	52 U	1.0 UJ	1.3	3.5	1.0 UR	3.8 J	1.0 UJ	1.0 UJ	3.2 J
8/3/00	S338	000-015	787 J	263 J	152 U	9.7 J	2.5	32	1.0 UR	36	1.0 UJ	1.0 UJ	1.0 UJ
8/3/00	S339	000-015	274 J	134 J	19 J	3.3 R	1.1 U	21	1.1 UR	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ
8/3/00	S340	000-015	63 J	20 J	54 U	1.1 UJ	1.1 U	4.1	1.6 J	1.1 UR	1.1 UR	1.1 UR	1.1 UR
8/4/00	S319	000-015	150 J	77 J	55 U	1.3 R	1.1 U	6.7	1.2 J	1.1 UR	1.1 UR	1.1 UR	1.1 UR
8/4/00	S321	000-015	14 J	18 J	53 U	1.1 UJ	1.1 U	1.0 R	1.1 UR	1.1 UR	1.1 UR	1.1 UR	1.1 UR
8/4/00	S341	000-015	22 J	54 U	54 U	1.1 UJ	1.1 U	1.0 R	1.1 UR	1.1 UR	1.1 UR	1.1 UR	1.1 UR
8/4/00	S343	000-015	32 J	53 U	53 U	1.1 R	R	1.0 R	1.1 UR	1.4 R	1.1 UR	1.1 UR	1.1 UR
8/4/00	S345	000-015	55 U	19 J	55 U	1.1 UJ	1.1 U	1.0 R	1.1 UR	1.1 UR	1.1 UR	1.1 UR	1.1 UR
8/4/00	S346	000-015	54 U	17 J	54 U	3.3 R	1.1 U	1.4	1.6 R	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ
8/4/00	S347	000-015	20 J	19 J	51 U	1.0 UJ	1.1	1.6	1.0 J	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ
8/5/00	S327	000-015	509 J	148 J	55 U	2.8 R	33	12	1.1 UR	1.1 U	1.1 UJ	1.1 UJ	2.6 R
8/5/00	S348	000-015	51 U	14 J	51 U								
8/5/00	S349	000-015	50 U	239 J	50 U	1.8 J	2.8	7.2	1.1 R	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ
8/5/00	S350	000-015	160 J	97 J	52 UJ	1.0 UR	1.4	14	1.7 J	1.0 UR	1.0 UR	1.0 UR	1.0 UR
8/5/00	S351	000-015	292 J	376 J	55 U	2.3 J	4.3	3.5	1.1 UR	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ
8/9/00	S304	000-015	11 J	53 U	53 U	1.1 UJ	1.1 U	1.5	1.1 UR	1.3 J	1.1 UJ	1.1 UJ	1.1 UJ
8/9/00	S434	000-015	13 J	50 U	50 U	1.0 UJ	1.0 U	1.0 U	1.0 UR	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ
8/9/00	S435	000-005	49 J	16 J	54 UJ	1.1 UJ	1.1 U	2.9	2.5 R	1.1 U	1.1 UJ	1.1 UJ	2.0 R
8/10/00	S308	000-015	49 J	33 J	54 U	1.1 UJ	1.1 U	1.3	1.1 UR	1.4 J	1.1 UJ	1.1 UJ	1.1 UR
8/10/00	S314	000-015	1,010 J	686 J	1,080 U	1.1 UJ	50	59	1.1 UR	1.1 U	1.1 UJ	1.1 UJ	6.0 R
8/10/00	S316	000-015	55 U	55 U	55 U	1.5 J	1.1 U	1.4	1.1 UR	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ
8/10/00	S322	000-015	678 J	225 J	52 U	2.4 R	25	47	1.1 UR	1.1 U	1.1 U	1.1 UJ	1.1 UJ
8/10/00	S342	000-015	54 U	13 J	54 U	1.5 J	1.1 U	1.3	2.4 J	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ
8/10/00	S344	000-015	642 J	556 J	538 U	1.1 UJ	1.1 U	11	2.4 J	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ
8/10/00	S352	000-015	399 J	165 J	55 UJ	1.1 UJ	40	27	1.9 J	1.1 U	8.7 J	1.1 UJ	2.6 R
8/10/00	S354	000-015	108 J	40 J	55 U	1.1 UJ	2.6	4.3	1.1 UR	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ
8/10/00	S355	000-015	75 J	34 J	54 UJ	1.1 UJ	1.1 U	5.4	1.1 UR	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ
8/11/00	S315	000-015	64 J	31 J	53 U	1.8 J	1.2	5.2	1.1 UR	2.2 J	1.1 UJ	1.1 UJ	1.1 UR
8/11/00	S317	000-015	98 J	36 J	54 U	2.1 J	1.5	8.1	1.1 UR	3.0 J	1.1 UJ	1.1 UJ	1.1 UR
8/11/00	S332	000-015	24 J	12 J	54 U	1.6 R	1.2	1.4	2.4 J	2.1 J	1.1 UR	1.1 UR	1.1 UR
8/11/00	S337	000-015	172 J	75 J	53 U	1.1 UJ	3.2	4.8	1.1 UR	5.5 J	1.1 UJ	1.1 UJ	1.1 UR
8/11/00	S372	000-015	53 U	53 U	53 U	1.1 UJ	1.1 U	1.1	1.1 UR	1.1 UJ	1.1 UJ	1.1 UR	1.1 UR
8/12/00	S302	000-015	25 J	33 J	54 U	1.1 UJ	1.7	2.2	1.1 UR	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UR
8/12/00	S303	000-015	25 J	33 J	54 UJ	1.1 UR	R	1.0 R	1.1 UR	1.1 UR	1.1 UR	1.1 UR	1.1 UR
8/12/00	S305	000-015	19 J	14 J	55 U	1.1 UR	R	2.4	1.1 UR	1.1 UR	1.1 UR	1.1 UR	3.1 J
8/13/00	S320	000-015	173 J	81 J	54 U	1.1 UJ	6.2	10	2.9 J	4.9 J	1.1 UJ	1.1 UR	1.1 UR
8/13/00	S323	000-015	445 J	129 J	53 U	1.1 UJ	9.7	18	1.1 UR	13 J	1.1 UJ	1.1 UR	1.1 UR
8/13/00	S365	000-015	49 J	93 J	53 U	1.0 UJ	1.0 U	3.5	1.0 UR	1.8 J	1.0 UJ	1.0 UR	1.0 UR
8/14/00	S309	000-015	340 J	443 J	53 U	1.0 UJ	4.1	8.0	4.8 J	16 J	5.9 J	1.0 UR	4.4 R
8/14/00	S310	000-015	171 J	61 UJ	53 U	1.1 UJ	7.3	9.0	1.1 J	6.2 J	1.1 UJ	1.1 UR	2.2 R
8/14/00	S312	000-015	70 J	33 J	54 U	1.1 UJ	1.1 U	7.0	1.1 UR	1.1 UJ	3.6 J	1.1 UR	1.1 UR
8/15/00	S340	000-002	30 M	25 M	53 UM	1.1 M	1.6 M	2.1 M	RM	1.4 M	1.1 UM	RM	RM
8/15/00	S351	000-002	69 J	58 J	53 U	1.1 UJ	14	13	1.5 J	1.3 R	5.3 J	1.1 UR	1.1 UR
8/15/00	S361	000-015	53 UM	53 UM	53 UM	1.1 UM	1.1 UM	1.0 UM	RM	1.1 UM	1.1 UM	RM	RM
8/15/00	S362	000-015	53 U	78 J	53 U	1.1 UJ	1.1 U	1.7	1.1 UR	1.1 UJ	1.1 UJ	1.1 UR	1.1 UR
8/15/00	S363	000-002	55 U	55 U	55 U	1.1 U	1.1 U	1.1 U	1.1 UR	1.1 U	1.1 UJ	1.1 UR	1.1 UR
8/15/00	S363	002-015	18 M	21 M	54 UM	1.1 UM	1.1 UM	1.3 M	RM	1.1 UM	1.1 UM	RM	RM

Table I-9D. (cont.)

Date	Station	Depth cm	Aroclor-1254 (µg/kg)	Aroclor-1260 (µg/kg)	Aroclor-1268 (µg/kg)	beta-BHC (µg/kg)	Chlordane (Sum) (µg/kg)	DDT and metabolites (Sum) (µg/kg)	delta-BHC (µg/kg)	Dieldrin (µg/kg)	Endosulfan I (µg/kg)	Endosulfan II (µg/kg)	Endosulfan sulfate (µg/kg)
8/15/00	S364	000-015	54 U	54 U	54 U	1.1 UJ	1.1 U	1.1 U	1.1 UR	1.1 UJ	1.1 UJ	1.1 UR	1.1 UR
8/15/00	S366	000-015	55 U	55 U	55 U	1.1 UJ	1.1 U	1.1 U	1.1 UR	1.1 UJ	1.1 UJ	1.1 UR	1.1 UR
8/15/00	S367	000-002	14 J	14 J	51 U	1.0 U	1.0 U	1.0 U	1.0 UR	1.0 U	1.0 UJ	1.0 UR	1.0 UR
8/15/00	S367	002-015	54 U	44 J	54 U	1.1 UJ	1.1 U	1.2	1.1 UR	1.1 UJ	1.1 UJ	1.1 UR	1.1 UR
8/15/00	S368	000-015	55 U	16 J	55 U	1.1 U	1.8	2.9	1.1 UR	1.1 U	1.1 UJ	1.1 UR	1.1 UR
8/15/00	S369	000-015	53 U	53 U	53 U	1.1 U	1.1 U	1.1 U	1.1 UR	1.1 U	1.1 UJ	1.1 UR	1.1 UR
8/16/00	S356	000-015	53 U	53 U	53 U	1.1 UJ	1.1 U	1.1 U	1.1 UR	1.1 U	1.1 UJ	1.1 UR	1.1 UR
8/16/00	S357	000-002	53 U	53 U	53 U	1.1 UJ	1.1 U	1.1 U	1.1 UR	1.1 U	1.1 UJ	1.1 UR	1.1 UR
8/16/00	S357	002-015	53 U	53 U	53 U	1.1 UJ	1.1 U	1.1 U	1.1 UR	1.1 U	1.1 UJ	1.1 UR	1.1 UR
8/16/00	S358	000-015	53 U	53 U	53 U	1.1 UJ	1.1 U	1.1 U	1.1 UR	1.1 UJ	1.1 UJ	1.1 UR	1.1 UR
8/16/00	S359	000-015	37 J	54 U	54 U	1.1 UJ	1.1 U	1.3	1.1 UR	1.3 J	1.1 UJ	1.1 UR	1.1 UR
8/16/00	S360	000-002	90 M	31 M	52 M	1.1 UM	1.1 UM	4.2 M	RM	2.7 M	1.1 UM	RM	RM
8/16/00	S360	002-015	19 M	54 UM	170 M	1.1 UM	1.1 UM	1.6 M	RM	1.1 UM	1.1 UM	RM	RM
8/17/00	S370	000-002	54 U	54 U	54 U	1.1 UR	R	1.4	1.1 UR	1.1 UR	1.1 UR	1.1 UR	1.1 UR
8/17/00	S370	002-015	55 U	55 U	55 U	1.1 UJ	1.1 U	1.2	1.1 UR	1.1 UJ	1.1 UJ	1.1 UR	1.1 UR
8/17/00	S371	000-015	20 J	19 J	54 U	1.1 UR	R	1.0 R	1.1 UR	1.1 UR	1.1 UR	1.1 UR	1.1 UR
8/17/00	S373	000-002	54 U	54 U	54 U	1.1 UR	R	1.0 R	1.1 UR	1.1 UR	1.1 UR	1.1 UR	1.1 UR
8/17/00	S373	002-015	27 J	19 J	55 U	1.1 UR	R	1.0 R	1.1 UR	1.1 UR	1.1 UR	1.1 UR	1.1 UR
8/17/00	S374	000-015	54 U	54 U	54 U	1.1 UR	R	1.0 R	1.1 UR	1.1 UR	1.1 UR	1.1 UR	1.1 UR

Table I-9D. (cont.)

Date	Station	Depth cm	Endrin aldehyde (µg/kg)	Endrin ketone (µg/kg)	Endrin (µg/kg)	gamma-BHC (Lindane) (µg/kg)	gamma-Chlordane (µg/kg)	and Heptachlor epoxide (µg/kg)	Heptachlor epoxide (µg/kg)	Heptachlor (µg/kg)	Hexachlorocyclohexanes (Sum) (µg/kg)	Methoxychlor (µg/kg)	PCBs (Sum) (µg/kg)	Toxaphene (µg/kg)
7/13/00	S324	000-015	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	46	1.0 UJ
7/14/00	S318	000-015	1.8	1.4 J	1.0 U	1.0 UJ	1.0 U	2.4	2.4 J	1.0 U	1.0 U	1.0 U	251	100 U
7/14/00	S325	000-002	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 U	3.4 R	1.0 U	1.0 U	1.0 UJ	139	1.0 UJ
7/14/00	S325	002-015	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 U	1.9 R	1.0 U	1.0 U	1.0 UJ	154	1.0 U
7/14/00	S326	000-015	3.5 J	1.0 U	1.0 U	1.0 U	2.3 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	270	100 U
7/15/00	S328	000-015	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	114	100 U
7/16/00	S329	000-015	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	2.0	1.0 UJ	50 U	100 UJ
7/16/00	S330	000-015	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	36	100 UJ
7/16/00	S331	000-015	1.0 UJ	1.0 J	1.0 UJ	1.0 UJ	5.0 J	7.0	7.0 J	1.0 UJ	1.0	1.0 UJ	450	100 UJ
7/18/00	S307	000-015	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	199	100 UJ
7/18/00	S313	000-015	1.0 UJ	49 J	8.4 J	1.0 UJ	23 R	38	38 J	1.0 UJ	13	1.0 UJ	3,210	100 UJ
7/20/00	S311	000-015	1.0 UR	1.0 UR	2.5 J	1.0 UR	1.0 UR	1.7	1.0 UR	1.7 J	1.0 R	1.0 UR	500 U	100 UR
7/21/00	S306	000-015	1.0 UJ	1.0 UJ	1.5 R	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	50 U	100 UJ
7/22/00	S301	000-015	1.1 UJ	1.1 UJ	1.1 U	1.1 UJ	1.5 J	1.1 U	1.6 R	1.1 U	1.1 U	1.1 UJ	290	105 U
7/27/00	S353	000-015	1.0 UJ	1.0 UJ	1.7 R	1.0 UJ	1.0 U	5.3	1.0 U	5.3 J	1.9	1.0 UJ	946	101 U
7/28/00	S332	000-002											206	
7/28/00	S332	002-014											375	
7/28/00	S400	000-002											38	
7/28/00	S400	002-015											23	
7/29/00	S344	000-002											5,780	
7/29/00	S344	002-015											20,955	
7/29/00	S401	000-002											832	
7/29/00	S401	002-015											1,345	
7/30/00	S342	000-002											291	
7/30/00	S342	002-009											261	
7/30/00	S402	000-002											372	
7/30/00	S402	002-010											328	
7/30/00	S403	000-002											269	
7/30/00	S403	002-014											1,272	
7/31/00	S404	000-002											1,524	
7/31/00	S404	002-008											2,923	
7/31/00	S405	000-002											2,528	
7/31/00	S405	002-015											1,066	
7/31/00	S406	000-002											1,238	
7/31/00	S406	002-015											3,180	
8/1/00	S317	000-002											717	
8/1/00	S317	002-014											498	
8/1/00	S323	000-002											605	
8/1/00	S323	002-015											1,311	
8/1/00	S407	000-002											615	
8/1/00	S407	002-015											452	
8/2/00	S305	000-002											37	
8/2/00	S305	002-015											41	
8/2/00	S333	000-015	1.0 UR	1.0 UR	1.5 J	1.0 UR	1.0 UR	5.2	5.2 J	1.0 UR	2.0	1.0 UR	103	103 UR
8/2/00	S334	000-015	1.0 UR	1.0 UR	1.0 UR	1.0 UR	1.0 UR	1.0 R	1.2 R	1.0 UR	1.0 R	1.0 UR	180	101 UR
8/2/00	S335	000-015	1.0 UR	1.0 UR	2.0 J	1.0 UR	1.0 UR	5.3	5.3 J	1.0 UR	3.9	1.0 UR	215	103 UR
8/2/00	S372	000-002											39	
8/2/00	S372	002-014											51 UM	

Table I-9D. (cont.)

Date	Station	Depth cm	Endrin aldehyde (µg/kg)	Endrin ketone (µg/kg)	Endrin (µg/kg)	gamma-BHC (Lindane) (µg/kg)	gamma-Chlordane (µg/kg)	Heptachlor and Heptachlor epoxide (µg/kg)	Heptachlor epoxide (µg/kg)	Heptachlor (µg/kg)	Hexachlorocyclohexanes (Sum) (µg/kg)	Methoxychlor (µg/kg)	PCBs (Sum) (µg/kg)	Toxaphene (µg/kg)
8/3/00	S336	000-015	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.3 J	2.2	2.2 J	1.0 U	1.0 U	1.0 UJ	106	104 U
8/3/00	S338	000-015	1.0 UJ	1.0 UJ	1.5 J	1.1 R	6.9 R	8.1	8.1 J	1.0 U	12	2.1 J	2,850	101 U
8/3/00	S339	000-015	1.1 UJ	1.1 UJ	2.0 J	1.1 UJ	2.6 R	7.4	7.4	1.1 U	1.1	1.1 UJ	741	105 U
8/3/00	S340	000-015	1.1 UR	1.1 UR	1.1 UR	1.1 UR	1.1 U	1.1 U	1.1 UR	1.1 U	3.3	1.1 UR	231	108 U
8/4/00	S319	000-015	1.1 UR	1.1 UR	1.1 J	1.1 UR	1.7 R	1.1 U	1.1 UR	1.1 U	1.2	1.1 UR	468	109 U
8/4/00	S321	000-015	1.1 UR	1.1 UR	1.1 UR	1.1 UR	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 UR	50	107 U
8/4/00	S341	000-015	1.1 UR	1.1 UR	1.2 J	1.1 UR	1.1 U	1.1 U	3.4 R	1.1 U	1.1 U	1.1 UR	309	107 U
8/4/00	S343	000-015	1.1 UR	1.1 UR	1.1 UR	1.1 UR	1.1 UR	1.0 R	1.1 UR	1.1 UR	1.0 R	1.1 UR	184	105 UR
8/4/00	S345	000-015	1.1 UR	1.1 UR	1.1 UR	1.1 UR	1.1 U	2.7	2.7 J	1.1 U	1.1 U	1.1 R	204	114 U
8/4/00	S346	000-015	1.1 UJ	1.1 UJ	1.1 U	1.1 UJ	1.1 UJ	1.1 U	2.7 R	1.1 U	1.1 U	1.1 UJ	216	108 UJ
8/4/00	S347	000-015	1.0 UJ	1.0 UJ	1.1	1.0 UJ	1.1 J	1.0 U	1.0 U	1.0 U	1.0	1.0 UJ	151	101 UJ
8/5/00	S327	000-015	1.1 UJ	1.1 UJ	1.2	1.1 UJ	24	1.1 U	2.3 R	1.1 U	1.1 U	1.1 UJ	1,687	109 UJ
8/5/00	S348	000-015											148	
8/5/00	S349	000-015	1.1 UJ	1.1 UJ	2.0	1.1 UJ	2.8	1.1 U	1.1 U	1.1 U	3.4	1.7 J	419	105 UJ
8/5/00	S350	000-015	1.0 UR	1.0 UR	1.0 UR	1.0 UR	1.4 J	1.9	1.9 J	1.0 UR	1.7	1.0 UR	504	104 UR
8/5/00	S351	000-015	1.1 UJ	1.1 UJ	2.6 J	1.1 UJ	4.3 J	1.1 U	1.1 U	1.1 U	4.5	3.4 J	1,216	110 UJ
8/9/00	S304	000-015	1.1 UJ	1.1 UJ	1.1 U	1.1 UJ	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 UJ	27	106 U
8/9/00	S434	000-015	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	34	100 U
8/9/00	S435	000-005	1.1 UJ	1.1 UJ	1.1 U	1.1 UJ	1.1 U	3.4	3.1 R	3.4 J	1.1 U	1.1 UJ	132	108 U
8/10/00	S308	000-015	1.1 UJ	1.1 UJ	1.1 U	1.1 UJ	1.1 UJ	2.3	2.3 J	1.1 U	1.1 U	1.1 UJ	147	108 UJ
8/10/00	S314	000-015	1.1 UJ	1.1 UJ	1.1 U	1.1 UJ	50 J	52	52 J	1.1 U	7.6	1.1 UJ	11,036	108 U
8/10/00	S316	000-015	1.1 UJ	1.5 R	1.1 U	1.1 UJ	1.1 U	1.1 U	1.1 U	1.1 U	1.5	1.1 UJ	55 U	109 U
8/10/00	S322	000-015	1.1 UJ	1.1 UJ	1.1 U	1.1 UJ	21 J	1.1 U	1.1 U	1.1 U	1.1 U	1.1 UJ	1,818	105 UJ
8/10/00	S342	000-015	1.1 UJ	1.1 UJ	1.1 U	1.1 UJ	1.1 U	1.1 U	1.1 U	1.1 U	3.9	1.1 UJ	174	109 UJ
8/10/00	S344	000-015	1.1 UJ	1.1 UJ	1.1 U	1.1 UJ	1.1 U	1.1 U	9.6 R	1.1 U	6.8	4.4 R	11,698	108 UJ
8/10/00	S352	000-015	1.1 UJ	1.1 UJ	3.7 J	1.1 UJ	26 J	1.1 U	1.1 U	1.1 U	1.9	5.5 R	1,030	109 UJ
8/10/00	S354	000-015	1.1 UJ	1.1 UJ	1.1 U	1.1 UJ	1.0 J	1.1 U	1.6 R	1.1 U	1.1 U	1.1 UJ	290	109 UJ
8/10/00	S355	000-015	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	2.1 R	1.1 U	1.3 R	1.1 UJ	1.1 U	1.1 UJ	209	108 UJ
8/11/00	S315	000-015	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	3.6 R	2.7	2.7 J	1.1 U	1.8	1.1 UJ	168	107 UJ
8/11/00	S317	000-015	2.6 J	3.1 J	1.1 UJ	1.1 UJ	3.5 R	1.1 U	1.1 U	1.1 U	2.1	1.1 UJ	302	107 UJ
8/11/00	S332	000-015	1.1 UR	1.1 UR	1.1 UR	4.2 J	1.1 UR	1.0 R	1.1 UR	1.1 UR	6.6	1.5 R	229	108 UR
8/11/00	S337	000-015	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	3.2 J	2.8	2.8 J	1.1 U	1.1 U	1.1 UJ	428	106 UJ
8/11/00	S372	000-015	1.2 J	1.1 UJ	1.1 UJ	1.1 UR	1.1 UJ	1.1 U	1.1 UJ	1.1 UJ	1.1 U	1.1 UJ	53 U	106 UJ
8/12/00	S302	000-015	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.7 J	1.4	1.4 J	1.1 U	1.1 U	1.1 UJ	75	108 UJ
8/12/00	S303	000-015	1.1 UR	1.1 UR	1.1 UR	1.1 UR	1.1 UR	1.0 R	1.1 UR	1.1 UR	1.0 R	1.1 UR	58	109 UR
8/12/00	S305	000-015	1.2 R	1.4 J	1.3 J	1.1 UR	1.1 UR	1.0 R	1.8 R	1.1 UR	1.0 R	1.1 UR	33	111 UR
8/13/00	S320	000-015	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	4.0 J	1.1 U	1.1 UJ	1.1 UJ	2.9	1.1 UJ	582	107 UJ
8/13/00	S323	000-015	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	7.6 J	13	13 J	1.1 U	1.1 U	1.1 UJ	1,784	106 UJ
8/13/00	S365	000-015	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	3.0	3.0 J	1.0 U	1.0 U	1.0 UJ	141	104 UJ
8/14/00	S309	000-015	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	4.1 R	15	15 J	1.0 U	8.0	4.0 J	3,231	104 UJ
8/14/00	S310	000-015	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	5.6 J	6.0	6.0 J	1.1 U	1.1	1.1 UJ	679	106 UJ
8/14/00	S312	000-015	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	8.0	8.0 J	1.1 U	1.1 U	1.1 UJ	1,855	108 UJ
8/15/00	S340	000-002	1.1 UM	1.1 UM	1.1 UM	1.1 UM	1.6 M	1.7 M	1.7 M	1.1 UM	1.1 M	1.1 UM	80 M	109 UM
8/15/00	S351	000-002	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	10 J	6.0	6.0 J	1.1 UJ	1.5	1.1 UJ	288	107 UJ
8/15/00	S361	000-015	1.1 UM	1.1 UM	1.1 UM	1.1 UM	1.1 UM	0.8 M	0.8 M	1.1 UM	1.1 UM	1.1 UM	53 UM	107 UM
8/15/00	S362	000-015	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 U	1.1 UJ	1.1 UJ	1.1 U	1.1 UJ	105	107 UJ
8/15/00	S363	000-002	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 UJ	55 U	110 UJ
8/15/00	S363	002-015	1.1 UM	1.1 UM	0.9 M	1.1 UM	1.1 UM	1.1 UM	1.1 UM	1.1 UM	1.1 UM	1.1 UM	58 M	108 UM

Table I-9D. (cont.)

Date	Station	Depth cm	Endrin aldehyde (µg/kg)	Endrin ketone (µg/kg)	Endrin (µg/kg)	gamma-BHC (Lindane) (µg/kg)	gamma-Chlordane (µg/kg)	Heptachlor and Heptachlor epoxide (µg/kg)	Heptachlor epoxide (µg/kg)	Heptachlor (µg/kg)	Hexachlorocyclohexanes (Sum) (µg/kg)	Methoxychlor (µg/kg)	PCBs (Sum) (µg/kg)	Toxaphene (µg/kg)
8/15/00	S364	000-015	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 U	1.1 UJ	1.1 UJ	1.1 U	1.1 UJ	54 U	108 UJ
8/15/00	S366	000-015	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 U	1.1 UJ	1.1 UJ	1.1 U	1.1 UJ	55 U	110 UJ
8/15/00	S367	000-002	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	50	102 UJ
8/15/00	S367	002-015	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 U	1.1 UJ	1.1 UJ	1.1 U	1.1 UJ	71	108 UJ
8/15/00	S368	000-015	1.2 R	1.1 UJ	1.1 U	1.1 UJ	1.8 J	1.1 U	1.1 U	1.1 U	1.1 U	1.1 UJ	37	110 UJ
8/15/00	S369	000-015	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 UJ	53 U	107 UJ
8/16/00	S356	000-015	3.4 J	1.1 UJ	1.1 UJ	1.1 UR	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 UJ	53 U	106 UJ
8/16/00	S357	000-002	1.5 J	1.1 UJ	1.1 UJ	1.1 UR	1.1 U	1.1 U	1.1 R	1.1 U	1.1 U	1.1 UJ	53 U	106 UJ
8/16/00	S357	002-015	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UR	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 UJ	53 U	105 UJ
8/16/00	S358	000-015	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UR	1.1 UJ	1.1 U	1.1 UJ	1.1 UJ	1.1 U	1.1 UJ	53 U	106 UJ
8/16/00	S359	000-015	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UR	1.1 UJ	1.8	1.8 J	1.1 UJ	1.1 U	1.1 UJ	64	108 UJ
8/16/00	S360	000-002	1.1 UM	1.1 UM	1.1 UM	RM	1.1 UM	2.3 M	2.3 M	1.1 UM	1.1 UM	1.1 UM	196 M	108 UM
8/16/00	S360	002-015	1.1 UM	1.1 UM	1.1 UM	RM	1.1 UM	1.1 UM	1.1 UM	1.1 UM	1.1 UM	1.1 UM	209 M	109 UM
8/17/00	S370	000-002	2.1 J	1.1 UR	1.1 UR	1.1 UR	1.1 UR	1.0 R	1.1 UR	1.1 UR	1.0 R	1.1 UR	54 U	107 UR
8/17/00	S370	002-015	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 U	1.1 UJ	1.1 UJ	1.1 U	1.1 UJ	55 U	110 UJ
8/17/00	S371	000-015	1.1 UR	1.1 UR	1.1 UR	1.1 UR	1.1 UR	1.0 R	1.1 UR	1.1 UR	1.0 R	1.1 UR	39	108 UR
8/17/00	S373	000-002	1.1 UR	1.1 UR	1.1 UR	1.1 UR	1.1 UR	1.0 R	1.1 UR	1.1 UR	1.0 R	1.1 UR	54 U	108 UR
8/17/00	S373	002-015	1.1 UR	1.1 UR	1.1 UR	1.1 UR	1.1 UR	1.0 R	1.1 UR	1.1 UR	1.0 R	1.1 UR	75	109 UR
8/17/00	S374	000-015	1.1 UR	1.1 UR	1.1 UR	1.1 UR	1.1 UR	1.0 R	1.1 UR	1.1 UR	1.0 R	1.1 UR	54 U	107 UR

Table I-9E. 2000 Onondaga Lake Surface Sediment, Dioxins/Furans

Analyte	Date / Station / Depth(cm)	7/20/00 S311 000-015	8/2/00 S333 000-015	8/2/00 S335 000-015	8/3/00 S336 000-015	8/4/00 S345 000-015	8/4/00 S346 000-015	8/4/00 S347 000-015	8/10/00 S308 000-015	8/10/00 S316 000-015
1,2,3,4,6,7,8-Heptachlorodibenzodioxin	ng/kg-dw	17 J	10	74	38	20	18	25	321	4.4
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg-dw	18 J	7.8 U	48	17	14	47	37	123	4.8
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg-dw	4.1 J	1.7 J	17	1.7 J	6.1	29	28	11	1.2 J
1,2,3,4,7,8-Hexachlorodibenzodioxin	ng/kg-dw	1.1 J	0.6 J	2.2 J	1.1 J	0.8 J	2.8	2.6	4.2	0.2 J
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg-dw	16 J	4.2	50	4.8	18	79	66	31	2.1
1,2,3,6,7,8-Hexachlorodibenzodioxin	ng/kg-dw	3.0 J	1.4 J	8.2	3.1	4.1	5.9	5.3 J	25	0.6 J
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg-dw	4.0 J	1.6 J	11	1.5 J	4.1	19	9.0	12	1.0 J
1,2,3,7,8,9-Hexachlorodibenzodioxin	ng/kg-dw	2.7 J	1.1 J	6.8	2.6 J	0.7 J	5.6	6.6 J	14	0.5 J
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg-dw	0.6 J	0.3 J	2.6	0.3 J	1.0 J	7.4	2.3 J	1.2 J	0.1 U
1,2,3,7,8-Pentachlorodibenzodioxin	ng/kg-dw	2.0 J	0.8 J	5.1	0.9 J	2.1	4.1 J	5.5	5.5	0.3 J
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg-dw	14 J	2.1	31	3.2	10	68	36	17	1.2
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg-dw	2.0 J	1.0 J	5.4	1.4 J	2.3	7.9	3.8 J	5.9	0.5 J
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg-dw	54 J	5.1	81	3.7	30	231	141	27	2.5
2,3,7,8-Tetra-chlorodibenzo-dioxin	ng/kg-dw	0.9 J	0.2 J	2.0	0.4 J	0.7 J	1.1	1.8 J	2.2	0.2 J
2,3,7,8-Tetrachlorodibenzofuran	ng/kg-dw	51 J	7.0	98	10	36	268	196	36	2.3
Octachlorodibenzodioxin	ng/kg-dw	76 J	47	261	198	46	39 J	136	2,390	20
Octachlorodibenzofuran	ng/kg-dw	37 J	22	179	25	46	214	325	245	6.6
TEQ (1/2 DL) Avian	ng/kg-dw	113	14	197	17	72	524	357	81	5.9
TEQ (1/2 DL) Mammalian	ng/kg-dw	39	5.5	69	6.3	25	165	110	40	2.6
Total heptachlorodibenzodioxins	ng/kg-dw	32 J	20	138	71	39	32	41	702	7.7
Total heptachlorodibenzofurans	ng/kg-dw	23 J	16	110	43	33	108	98	363	9.3
Total hexachlorodibenzodioxins	ng/kg-dw	20 J	12	59	22	22	41	22	205	3.7
Total hexachlorodibenzofurans	ng/kg-dw	47 J	17	155	30	48	209	126	221	7.7
Total pentachlorodibenzodioxins	ng/kg-dw	17 J	10.0	30	4.8	3.3	26	14	44	1.2
Total pentachlorodibenzofurans	ng/kg-dw	211 J	33	349	21	143	758	459	192	13
Total tetrachlorodibenzodioxins	ng/kg-dw	27 J	23	49	5.1	6.5	35	39	91	5.9
Total tetrachlorodibenzofurans	ng/kg-dw	659 J	98	59	54	403	1,400	1,330	320	20

Table I-9E (cont.)

Analyte	Date / Station / Depth (cm)	8/10/00 S322 000-015	8/11/00 S315 000-015	8/12/00 S302 000-015	8/16/00 S359 000-015	8/16/00 S360 000-002	8/16/00 S360 002-015
1,2,3,4,6,7,8-Heptachlorodibenzodioxin	ng/kg-dw	1,430	341	57	8.1	30 M	17 M
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg-dw	240	134	22	3.9	21 M	5.7 M
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg-dw	13	24	2.9	1.4 J	7.7 M	1.1 M
1,2,3,4,7,8-Hexachlorodibenzodioxin	ng/kg-dw	8.3	6.2	1.3 J	0.2 J	0.5 M	0.2 M
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg-dw	22	97	8.6	2.3 J	17 M	3.2 M
1,2,3,6,7,8-Hexachlorodibenzodioxin	ng/kg-dw	86	37	4.1	0.5 J	1.8 M	1.1 M
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg-dw	10	34	2.9	0.6 J	5.3 M	1.0 M
1,2,3,7,8,9-Hexachlorodibenzodioxin	ng/kg-dw	51	24	3.2	0.3 J	1.3 M	0.7 M
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg-dw	1.1 U	2.4 J	0.4 U	0.1 U	0.4 M	0.2 UM
1,2,3,7,8-Pentachlorodibenzodioxin	ng/kg-dw	20	12	1.4 J	0.1 J	0.6 M	0.1 M
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg-dw	11	57	6.6	1.0 J	8.1 M	2.4 M
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg-dw	7.7	14	1.3 J	0.1 J	1.0 M	0.4 M
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg-dw	17	93	4.6	0.6 J	3.7 M	1.4 M
2,3,7,8-Tetra-chlorodibenzo-dioxin	ng/kg-dw	11	4.1	0.4 U	0.1 U	0.3 M	0.1 UM
2,3,7,8-Tetrachlorodibenzofuran	ng/kg-dw	26	85	19	3.5	19 M	9.0 M
Octachlorodibenzodioxin	ng/kg-dw	9,260	2,960	458	72	236 M	134 M
Octachlorodibenzofuran	ng/kg-dw	604	335	47	12	96 M	17 M
TEQ (1/2 DL) Avian	ng/kg-dw	90	218	28	4.7	27 M	11 M
TEQ (1/2 DL) Mammalian	ng/kg-dw	78	100	9.1	1.4	8.4 M	2.8 M
Total heptachlorodibenzodioxins	ng/kg-dw	3,630	691	121	17	61 M	35 M
Total heptachlorodibenzofurans	ng/kg-dw	820	304	48	9.0	48 M	13 M
Total hexachlorodibenzodioxins	ng/kg-dw	942	239	25	2.3 J	15 M	7.2 M
Total hexachlorodibenzofurans	ng/kg-dw	369	316	37	6.8	42 M	9.9 M
Total pentachlorodibenzodioxins	ng/kg-dw	154	77	4.5	0.1 U	3.3 M	0.9 M
Total pentachlorodibenzofurans	ng/kg-dw	277	555	39	3.5	35 M	13 M
Total tetrachlorodibenzodioxins	ng/kg-dw	85	223	37	1.2	14 M	4.7 M
Total tetrachlorodibenzofurans	ng/kg-dw	319	826	94	11	82 M	35 M

Table I-10. 2000 Otisco Lake Sediment (0-15 cm)

		Date	8/9/00	8/14/00
		Station	OT6	OT7
Analyte	**Units**			
Conventional Analytes				
Acid-volatile sulfide	mg/kg-dw		11	55
Ammonia-nitrogen	mg/kg-dw		26	28
Sulfides	mg/kg-dw		111	370
Total organic carbon	%-dw		19	6.6
Total solids	%-ww		23	24
Percent clay	%-ww		10	13
Percent sand	%-ww		58	19
Percent silt	%-ww		32	68
Metals				
Aluminum	mg/kg-dw		13,700 J	11,800
Antimony	mg/kg-dw		0.8 UJ	0.8
Arsenic	mg/kg-dw		7.7 J	5.8
Barium	mg/kg-dw		189 J	145
Beryllium	mg/kg-dw		0.8	0.6
Cadmium	mg/kg-dw		0.1 U	0.1 U
Calcium	mg/kg-dw		50,400 J	129,000
Chromium	mg/kg-dw		24 J	20
Cobalt	mg/kg-dw		4.5 J	7.4
Copper	mg/kg-dw		37 J	139
Cyanide	mg/kg-dw		2.1 U	2.0 U
Iron	mg/kg-dw		16,200 J	20,800
Lead	mg/kg-dw		14 J	25
Magnesium	mg/kg-dw		4,860 J	7,670
Manganese	mg/kg-dw		1,160 J	1,180
Mercury	mg/kg-dw		0.1 U	0.1 U
Methyl mercury	ug/kg-dw		1.4	0.3
Nickel	mg/kg-dw		23 J	22
Potassium	mg/kg-dw		1,660 J	2,320
Selenium	mg/kg-dw		3.2 J	1.5 U
Silver	mg/kg-dw		0.3 U	0.3 U
Sodium	mg/kg-dw		395 J	293 J
Thallium	mg/kg-dw		2.0 U	2.0 U
Vanadium	mg/kg-dw		24 J	20 J
Zinc	mg/kg-dw		82 J	84
Semivolatile Organic Compounds				
1,2,4-Trichlorobenzene	µg/kg-dw		140 U	120 UJ
1,2-Dichlorobenzene	µg/kg-dw		140 U	120 UJ
1,3-Dichlorobenzene	µg/kg-dw		140 U	120 UJ
1,4-Dichlorobenzene	µg/kg-dw		140 U	120 UJ
2,2'-Oxybis(1-chloropropane)	µg/kg-dw		140 U	120 UJ
2,4,5-Trichlorophenol	µg/kg-dw		730 U	620 UJ
2,4,6-Trichlorophenol	µg/kg-dw		730 U	620 UJ
2,4-Dichlorophenol	µg/kg-dw		730 U	620 UJ
2,4-Dimethylphenol	µg/kg-dw		730 U	620 UJ
2,4-Dinitrophenol	µg/kg-dw		3,600 UJ	3,100 UJ
2,4-Dinitrotoluene	µg/kg-dw		730 U	620 UJ

Table I-10. (cont.)

		Date	8/9/00	8/14/00
		Station	OT6	OT7
Analyte	**Units**			
2,6-Dinitrotoluene	µg/kg-dw		730 U	620 UJ
2-Chloronaphthalene	µg/kg-dw		140 U	120 UJ
2-Chlorophenol	µg/kg-dw		140 U	120 UJ
2-Methyl-4,6-dinitrophenol	µg/kg-dw		3,600 U	3,100 UJ
2-Methylnaphthalene	µg/kg-dw		140 U	120 UJ
2-Methylphenol	µg/kg-dw		140 U	120 UJ
2-Nitroaniline	µg/kg-dw		290 U	240 UJ
2-Nitrophenol	µg/kg-dw		730 U	620 UJ
3,3-Dichlorobenzidine	µg/kg-dw		140 U	120 UJ
3-Nitroaniline	µg/kg-dw		3,600 U	3,100 UJ
4-Bromophenyl-phenyl ether	µg/kg-dw		140 U	120 UJ
4-Chloro-3-methylphenol	µg/kg-dw		730 U	620 UJ
4-Chloroaniline	µg/kg-dw		140 U	120 UJ
4-Chlorophenyl-phenyl ether	µg/kg-dw		140 U	120 UJ
4-Methylphenol	µg/kg-dw		140 U	120 UJ
4-Nitroaniline	µg/kg-dw		3,600 U	3,100 UJ
4-Nitrophenol	µg/kg-dw		3,600 U	3,100 UJ
Acenaphthene	µg/kg-dw		140 U	120 UJ
Acenaphthylene	µg/kg-dw		140 U	120 UJ
Anthracene	µg/kg-dw		140 U	120 UJ
Benz(a)anthracene	µg/kg-dw		140 U	120 UJ
Benzo(a)pyrene	µg/kg-dw		140 U	120 UJ
Benzo(b)fluoranthene	µg/kg-dw		140 U	120 UJ
Benzo(g,h,i)perylene	µg/kg-dw		140 U	120 UJ
Benzo(k)fluoranthene	µg/kg-dw		140 U	120 UJ
Benzyl Alcohol	µg/kg-dw		730 U	620 UJ
Bis(2-chloroethoxy)methane	µg/kg-dw		140 U	120 UJ
Bis(2-chloroethyl)ether	µg/kg-dw		140 U	120 UJ
Bis(2-ethylhexyl)phthalate	µg/kg-dw		140 U	120 UJ
Butylbenzylphthalate	µg/kg-dw		140 U	120 UJ
Carbazole	µg/kg-dw		140 U	120 UJ
Chrysene	µg/kg-dw		140 U	120 UJ
Dibenz(a,h)anthracene	µg/kg-dw		140 U	120 UJ
Dibenzofuran	µg/kg-dw		140 U	120 UJ
Dichlorobenzenes (Sum)	µg/kg-dw		140 U	120 U
Diethylphthalate	µg/kg-dw		140 U	120 UJ
Dimethylphthalate	µg/kg-dw		140 U	120 UJ
Di-n-butylphthalate	µg/kg-dw		140 U	190 UJ
Fluoranthene	µg/kg-dw		140 U	120 UJ
Di-n-octylphthalate	µg/kg-dw		140 U	120 UJ
Fluorene	µg/kg-dw		140 U	120 UJ
Hexachlorobenzene	µg/kg-dw		1.0 UJ	1.1 U
Hexachlorobutadiene	µg/kg-dw		140 U	120 UJ
Hexachlorocyclopentadiene	µg/kg-dw		730 UJ	620 UJ
Hexachloroethane	µg/kg-dw		140 U	120 UJ
Indeno(1,2,3-cd)pyrene	µg/kg-dw		140 U	120 UJ
Isophorone	µg/kg-dw		140 U	120 UJ

Table I-10. (cont.)

		Date	8/9/00	8/14/00
		Station	OT6	OT7
Analyte	**Units**			
Naphthalene	µg/kg-dw		140 U	120 UJ
Nitrobenzene	µg/kg-dw		140 U	120 UJ
N-Nitrosodimethylamine	µg/kg-dw		730 U	620 UJ
N-nitroso-di-n-propylamine	µg/kg-dw		140 U	120 UJ
N-Nitrosodiphenylamine(1)	µg/kg-dw		140 U	120 UJ
Pentachlorophenol	µg/kg-dw		3,600 U	3,100 UJ
Phenanthrene	µg/kg-dw		140 U	120 UJ
Phenol	µg/kg-dw		140 U	120 UJ
Pyrene	µg/kg-dw		140 U	120 UJ
Trichlorobenzenes (Sum)	µg/kg-dw		140 U	120 U
Pesticides and PCBs				
4,4'-DDD	µg/kg-dw		1.0 UJ	1.1 UJ
4,4'-DDE	µg/kg-dw		1.0 UJ	1.7 J
4,4'-DDT	µg/kg-dw		1.0 UJ	2.5 J
Aldrin	µg/kg-dw		1.0 UJ	1.1 UJ
alpha-BHC	µg/kg-dw		1.0 UJ	1.1 UJ
alpha-Chlordane	µg/kg-dw		1.0 UJ	1.1 UJ
Aroclor-1016	µg/kg-dw		51 U	54 U
Aroclor-1221	µg/kg-dw		51 U	54 U
Aroclor-1232	µg/kg-dw		51 U	54 U
Aroclor-1242	µg/kg-dw		51 U	54 U
Aroclor-1248	µg/kg-dw		51 U	54 U
Aroclor-1254	µg/kg-dw		51 U	54 U
Aroclor-1260	µg/kg-dw		51 U	97 J
Aroclor-1268	µg/kg-dw		51 U	54 U
beta-BHC	µg/kg-dw		1.0 UJ	1.1 UJ
Chlordane (Sum)	µg/kg-dw		1.0 UJ	1.2 J
DDT and metabolites (Sum)	µg/kg-dw		1.0 U	4.2
delta-BHC	µg/kg-dw		1.0 UR	1.1 UR
Dieldrin	µg/kg-dw		1.0 UJ	1.1 UJ
Endosulfan I	µg/kg-dw		1.0 UJ	1.1 UJ
Endosulfan II	µg/kg-dw		1.0 UJ	1.1 UR
Endosulfan sulfate	µg/kg-dw		1.0 UJ	1.1 UR
Endrin aldehyde	µg/kg-dw		1.0 UJ	1.1 UJ
Endrin ketone	µg/kg-dw		1.0 UJ	1.1 UJ
Endrin	µg/kg-dw		1.0 UJ	1.1 UJ
gamma-BHC (Lindane)	µg/kg-dw		1.0 UJ	1.1 UJ
gamma-Chlordane	µg/kg-dw		1.0 UJ	1.2 J
Heptachlor epoxide	µg/kg-dw		1.0 UJ	1.4 J
Heptachlor	µg/kg-dw		1.0 UJ	1.1 U
Hexachlorocyclohexane (Sum)	µg/kg-dw		1.0 U	1.1 U
Methoxychlor	µg/kg-dw		1.0 UJ	1.1 UJ
PCBs (Sum)	µg/kg-dw		51 U	124
Toxaphene	µg/kg-dw		102 UJ	108 UJ

Table I-11. 2000 Dredge Spoil Soils (All Depths)

Analyte	Units	Date Station Depth (cm)	8/16/00 S436 000-040	8/16/00 S436 040-104	8/16/00 S436 104-183	8/16/00 S436 244-280	8/16/00 S436 280-314	8/16/00 S437 000-107	8/16/00 S437 107-146	8/16/00 S437 146-192
Conventional Analytes										
Total organic carbon	%-dw		3.4	9.0	8.7 M	9.6	20	5.9	8.1	8.2
Total solids	%-ww		88	68	64 M	60	40	84	66	63
Percent clay	%-ww		19	16	15 M	16	16	15	13	15
Percent sand	%-ww		19	11	8.5 M	18	43	30	21	2.0
Percent silt	%-ww		62	73	77 M	66	41	55	66	83
Metals										
Aluminum	mg/kg		9,470	6,230	5,755 M	3,360 J	12,800 J	8,030 J	5,320 J	5,190 J
Antimony	mg/kg		0.3	0.3	0.4 M	0.3 U	0.5 U	0.2 U	0.4	0.5
Arsenic	mg/kg		6.5	9.8	12 M	5.0	5.9	6.8	9.9	9.4
Barium	mg/kg		69	86	87 M	92	84	78	87	85
Beryllium	mg/kg		0.5	0.6	0.7 M	0.3	0.8	0.4	0.5	0.5
Cadmium	mg/kg		3.2E-02 U	0.6	0.7 M	0.7	0.5	3.3E-02 U	0.6	0.9
Calcium	mg/kg		111,000	289,000	268,000 M	296,000	70,400	126,000	287,000	287,000
Chromium	mg/kg		29 J	29 J	26 M	17	27	14	29	27
Cobalt	mg/kg		4.7	3.1	3.2 M	1.4	4.8	4.6	2.8	2.7
Copper	mg/kg		15	39	45 M	21	35	26	39	47
Cyanide	mg/kg		0.6 U	0.7 U	0.9 M	0.8 U	1.2 U	0.6 U	0.8 U	1.1
Iron	mg/kg		15,200	7,840	8,570 M	4,820	14,300	14,500	6,780	6,840
Lead	mg/kg		13	31	43 M	16	35	12	34	52
Magnesium	mg/kg		16,900	6,870	8,200 M	5,700	10,200	12,400	5,750	7,250
Manganese	mg/kg		345	252	275 M	186	134	270	262	277
Mercury	mg/kg		0.3	95	44 M	18	3.4	0.8 J	86 J	99 J
Nickel	mg/kg		15	30	31 M	15	27	14	28	30
Potassium	mg/kg		3,130	1,300	730 M	634	3,270	2,530	986	734
Selenium	mg/kg		1.0	0.9	0.8 M	0.7	1.2	1.0	1.0	0.6
Silver	mg/kg		8.6E-02 U	0.1 U	0.1 UM	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U
Sodium	mg/kg		521 J	1,650 J	2,035 M	1,550 J	1,550 J	378 J	1,940 J	2,970 J
Thallium	mg/kg		0.6 U	0.8	0.8 UM	0.8 U	1.2 U	0.6 U	0.7 U	0.8 U
Vanadium	mg/kg		29	14	13 M	6.5	24	17	12	11
Zinc	mg/kg		43	99	110 M	63	113	32	99	95
Semivolatile Organic Compounds										
1,2,4-Trichlorobenzene	µg/kg		38 U	48 U	303 UM	57 U	81 U	39 U	51 UJ	56 U
1,2-Dichlorobenzene	µg/kg		38 U	48 U	303 UM	57 U	81 U	39 U	51 UJ	80
1,3-Dichlorobenzene	µg/kg		38 U	48 U	303 UM	57 U	120	39 U	57 UJ	56 U
1,4-Dichlorobenzene	µg/kg		38 U	48 U	303 UM	57 U	81 U	39 U	51 UJ	56 U
2,2'-Oxybis(1-chloropropane)	µg/kg		38 UJ	48 UJ	303 UM	57 UJ	81 UJ	39 UJ	51 UJ	56 UJ
2,4,5-Trichlorophenol	µg/kg		190 U	250 U	1,540 UM	290 U	420 U	200 U	260 UJ	290 U
2,4,6-Trichlorophenol	µg/kg		190 U	250 U	1,540 UM	290 U	420 U	200 U	260 UJ	290 U
2,4-Dichlorophenol	µg/kg		190 U	250 U	1,540 UM	290 U	420 U	200 U	260 UJ	290 U
2,4-Dimethylphenol	µg/kg		190 U	250 U	1,540 UM	290 U	420 U	200 U	260 UJ	290 U
2,4-Dinitrophenol	µg/kg		970 U	1,200 U	7,700 UM	1,500 U	2,100 U	1,000 U	1,300 UJ	1,400 U
2,4-Dinitrotoluene	µg/kg		190 U	250 U	1,540 UM	290 U	420 U	200 U	260 UJ	290 U
2,6-Dinitrotoluene	µg/kg		190 U	250 U	1,540 UM	290 U	420 U	200 U	260 UJ	290 U
2-Chloronaphthalene	µg/kg		38 U	48 U	303 UM	57 U	81 U	39 U	51 UJ	56 U

Table I-11. (cont.)

Analyte	Units	Date Station Depth (cm)	8/16/00 S436 000-040	8/16/00 S436 040-104	8/16/00 S436 104-183	8/16/00 S436 244-280	8/16/00 S436 280-314	8/16/00 S437 000-107	8/16/00 S437 107-146	8/16/00 S437 146-192
2-Chlorophenol	µg/kg		38 U	48 U	303 UM	57 U	81 U	39 U	51 UJ	56 U
2-Methyl-4,6-dinitrophenol	µg/kg		970 U	1,200 U	7,700 UM	1,500 U	2,100 U	1,000 U	1,300 UJ	1,400 U
2-Methylnaphthalene	µg/kg		38 U	48 U	303 UM	57 U	81 U	39 U	51 UJ	56 U
2-Methylphenol	µg/kg		38 U	48 U	303 UM	57 U	81 U	39 U	51 UJ	56 U
2-Nitroaniline	µg/kg		76 U	98 U	605 U	120 U	160 U	79 U	100 UJ	110 U
2-Nitrophenol	µg/kg		190 U	250 U	1,540 U	290 U	420 U	200 U	260 UJ	290 U
3,3-Dichlorobenzidine	µg/kg		38 U	48 U	303 U	57 U	81 U	39 U	51 UJ	56 U
3-Nitroaniline	µg/kg		970 U	1,200 U	7,700 U	1,500 U	2,100 U	1,000 U	1,300 UJ	1,400 U
4-Bromophenyl-phenyl ether	µg/kg		38 U	48 U	303 U	57 U	81 U	39 U	51 UJ	56 U
4-Chloro-3-methylphenol	µg/kg		190 U	250 U	1,540 U	290 U	420 U	200 U	260 UJ	290 U
4-Chloroaniline	µg/kg		38 U	48 U	303 U	57 U	81 U	39 U	98 J	56 U
4-Chlorophenyl-phenyl ether	µg/kg		38 U	48 U	303 U	57 U	81 U	39 U	51 UJ	56 U
4-Methylphenol	µg/kg		38 U	48 U	303 U	57 U	81 U	39 U	51 UJ	56 U
4-Nitroaniline	µg/kg		970 U	1,200 U	7,700 U	1,500 U	2,100 U	1,000 U	1,300 UJ	1,400 U
4-Nitrophenol	µg/kg		970 U	1,200 U	7,700 U	1,500 U	2,100 U	1,000 U	1,300 UJ	1,400 U
Acenaphthene	µg/kg		38 U	48 U	303 U	57 U	81 U	39 U	51 UJ	56 U
Acenaphthylene	µg/kg		38 U	48 U	303 U	57 U	81 U	39 U	51 UJ	56 U
Anthracene	µg/kg		38 U	48 U	303 U	57 U	81 U	39 U	96 J	56 U
Benz(a)anthracene	µg/kg		38 U	48 U	303 U	57 U	81 U	39 U	140 J	82
Benzo(a)pyrene	µg/kg		38 U	63	303 U	57 U	81 U	39 U	160 J	92
Benzo(b)fluoranthene	µg/kg		38 U	62	303 U	57 U	81 U	39 U	160 J	79
Benzo(g,h,i)perylene	µg/kg		38 U	48 U	303 U	57 U	81 U	39 U	110 J	66
Benzo(k)fluoranthene	µg/kg		38 U	60	303 U	57 U	81 U	39 U	150 J	85
Benzyl Alcohol	µg/kg		190 U	250 U	1,540 U	290 U	420 U	200 U	260 UJ	290 U
Bis(2-chloroethoxy)methane	µg/kg		38 U	48 U	303 U	57 U	81 U	39 U	51 UJ	56 U
Bis(2-chloroethyl)ether	µg/kg		38 U	48 U	303 U	57 U	81 U	39 U	51 UJ	56 U
Bis(2-ethylhexyl)phthalate	µg/kg		96 J	48 UJ	303 U	130 J	96 J	47 J	560 J	99 J
Butylbenzylphthalate	µg/kg		38 UJ	48 UJ	303 U	57 UJ	81 UJ	39 UJ	51 UJ	56 UJ
Carbazole	µg/kg		38 U	48 U	303 U	57 U	81 U	39 U	51 UJ	56 U
Chrysene	µg/kg		38 U	74	303 U	57 U	81 U	41	190 J	97
Dibenz(a,h)anthracene	µg/kg		38 U	48 U	303 U	57 U	81 U	39 U	51 UJ	56 U
Dibenzofuran	µg/kg		38 U	48 U	303 U	57 U	81 U	39 U	51 UJ	56 U
Diethylphthalate	µg/kg		38 U	48 U	303 U	57 U	81 U	39 U	51 UJ	56 U
Dimethylphthalate	µg/kg		38 U	48 U	303 U	57 U	81 U	39 U	51 UJ	56 U
Di-n-butylphthalate	µg/kg		38 U	48 U	303 U	57 U	81 U	39 U	100 J	56 U
Di-n-octylphthalate	µg/kg		38 U	48 U	303 U	57 U	81 U	39 U	51 UJ	56 U
Fluoranthene	µg/kg		38 U	130	177	100	170	71	320 J	180
Fluorene	µg/kg		38 U	48 U	303 U	57 U	81 U	39 U	51 UJ	56 U
Hexachlorobenzene	µg/kg		38 U	55	303 U	57 U	81 U	39 U	51 UJ	75
Hexachlorobutadiene	µg/kg		38 U	48 U	303 U	57 U	81 U	39 U	51 UJ	56 U
Hexachlorocyclopentadiene	µg/kg		190 U	250 U	1,540 U	290 U	420 U	200 U	260 UJ	290 U
Hexachloroethane	µg/kg		38 U	48 U	303 U	57 U	81 U	39 U	51 UJ	56 U
Indeno(1,2,3-cd)pyrene	µg/kg		38 U	48 U	303 U	57 U	81 U	39 U	100 J	57
Isophorone	µg/kg		38 U	48 U	303 U	57 U	81 U	39 U	51 UJ	56 U
Naphthalene	µg/kg		38 U	48 U	9,014	57 U	81 U	39 U	51 UJ	56 U

Table I-11. (cont.)

Analyte	Units	Date Station Depth (cm)	8/16/00 S436 000-040	8/16/00 S436 040-104	8/16/00 S436 104-183	8/16/00 S436 244-280	8/16/00 S436 280-314	8/16/00 S437 000-107	8/16/00 S437 107-146	8/16/00 S437 146-192
Nitrobenzene	µg/kg		38 U	48 U	303 U	57 U	81 U	39 U	51 UJ	56 U
N-Nitrosodimethylamine	µg/kg		190 U	250 U	1,540 U	290 U	420 U	200 U	260 UJ	290 U
N-nitroso-di-n-propylamine	µg/kg		38 U	48 U	303 U	57 U	81 U	39 U	51 UJ	56 U
N-Nitrosodiphenylamine(1)	µg/kg		38 U	48 U	303 UM	57 U	81 U	39 U	51 UJ	56 U
Pentachlorophenol	µg/kg		970 U	1,200 U	7,700 UM	1,500 U	2,100 U	1,000 U	1,300 UJ	1,400 U
Phenanthrene	µg/kg		38 U	68	303 UM	57 U	81 U	39 U	130 J	120
Phenol	µg/kg		38 U	48 U	303 UM	57 U	81 U	39 U	51 UJ	56 U
Pyrene	µg/kg		38 U	100	176 M	80	120	53	240 J	150
Pesticides and PCBs	µg/kg									
4,4'-DDD	µg/kg									
4,4'-DDE	µg/kg									
4,4'-DDT	µg/kg									
Aldrin	µg/kg									
alpha-BHC	µg/kg									
alpha-Chlordane	µg/kg									
Aroclor-1016	µg/kg		54 U	54 U	53 UM	53 U	54 U	54 U	54 U	55 U
Aroclor-1221	µg/kg		54 U	54 U	53 UM	53 U	54 U	54 U	54 U	55 U
Aroclor-1232	µg/kg		54 U	54 U	53 UM	53 U	54 U	54 U	54 U	55 U
Aroclor-1242	µg/kg		54 U	25 J	38 UM	58 J	36 J	54 U	47 J	44 J
Aroclor-1248	µg/kg		54 U	54 U	53 UM	53 U	54 U	54 U	54 U	55 U
Aroclor-1254	µg/kg		54 U	71 J	49 UM	77 J	31 J	54 U	87 J	85 J
Aroclor-1260	µg/kg		14 J	54 U	53 UM	53 U	54 U	54 U	54 U	55 U
Aroclor-1268	µg/kg		54 U	108 J	321 UM	216 J	54 J	54 U	154 J	376 J
beta-BHC	µg/kg									
Chlordane (Sum)	µg/kg									
delta-BHC	µg/kg									
Dieldrin	µg/kg									
Endosulfan I	µg/kg									
Endosulfan II	µg/kg									
Endosulfan sulfate	µg/kg									
Endrin aldehyde	µg/kg									
Endrin ketone	µg/kg									
Endrin	µg/kg									
gamma-BHC (Lindane)	µg/kg									
gamma-Chlordane	µg/kg									
Heptachlor epoxide	µg/kg									
Heptachlor	µg/kg									
Methoxychlor	µg/kg									
PCBs (Sum)	µg/kg		41	204	408	352	120	54 U	287	505
Toxaphene	µg/kg									
Dioxins/Furans										
1,2,3,4,6,7,8-Heptachlorodibenzodioxin	ng/kg		3.1	106	69 M	25	21			
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg		0.9 J	62	92 M	51	41			
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg		0.3 J	24	67 M	40	12			
1,2,3,4,7,8-Hexachlorodibenzodioxin	ng/kg		0.1 U	0.9 J	1.0 M	0.3 J	0.4 J			

Table I-11. (cont.)

Analyte	Units	Date Station Depth (cm)	8/16/00 S436 000-040	8/16/00 S436 040-104	8/16/00 S436 104-183	8/16/00 S436 244-280	8/16/00 S436 280-314	8/16/00 S437 000-107	8/16/00 S437 107-146	8/16/00 S437 146-192
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg		0.5 J	68	133 M	94	36			
1,2,3,6,7,8-Hexachlorodibenzodioxin	ng/kg		0.2 J	4.9	3.3 M	1.7 J	1.4 J			
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg		0.3 J	20	40 M	28	9.9			
1,2,3,7,8,9-Hexachlorodibenzodioxin	ng/kg		0.3 J	2.7	5.3 M	1.1 J	1.2 J			
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg		0.1 U	1.7 J	3.5 M	2.8	0.6 J			
1,2,3,7,8-Pentachlorodibenzodioxin	ng/kg		0.1 U	0.7 J	1.1 M	0.3 J	0.5 J			
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg		0.3 J	35	70 M	49	14			
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg		0.1 J	3.7	6.0 M	3.8	1.9 J			
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg		0.2 J	14	24 M	17	5.5			
2,3,7,8-Tetra-chlorodibenzo-dioxin	ng/kg		0.1 U	0.5 J	0.4 M	0.1 J	0.3 J			
2,3,7,8-Tetrachlorodibenzofuran	ng/kg		0.4 J	49	69 M	36	16			
Octachlorodibenzodioxin	ng/kg		27	1,110	578 M	244	144			
Octachlorodibenzofuran	ng/kg		2.5 J	298	568 M	360	160			
TEQ (1/2 DL) Avian	ng/kg		0.9	78	122 M	72	29			
TEQ (1/2 DL) Mammalian	ng/kg		0.4	27	45 M	29	12			
Total heptachlorodibenzodioxins	ng/kg		6.7	246	158 M	55	43			
Total heptachlorodibenzofurans	ng/kg		2.3 J	164	303 M	168	78			
Total hexachlorodibenzodioxins	ng/kg		1.7 J	44	39 M	12	14			
Total hexachlorodibenzofurans	ng/kg		2.0 J	202	381 M	243	78			
Total pentachlorodibenzodioxins	ng/kg		0.5 J	12	10 M	3.6	3.9			
Total pentachlorodibenzofurans	ng/kg		1.3	142	240 M	165	63			
Total tetrachlorodibenzodioxins	ng/kg		0.2 J	8.6	7.8 M	4.0	8.4			
Total tetrachlorodibenzofurans	ng/kg		3.2	205	231 M	145	82			

Table I-11. (cont.)

Analyte	Units	Date / Station / Depth (cm)	8/16/00 S437 210-233	8/16/00 S437 282-297	8/16/00 S438 000-049	8/16/00 S438 061-149	8/16/00 S438 183-207	8/16/00 S438 207-265	8/16/00 S438 265-300	8/17/00 S439 006-018	8/17/00 S439 018-055
Conventional Analytes											
Total organic carbon	%-dw		8.4	19	5.4	7.9 M	9.3	9.4	21	6.2	5.9
Total solids	%-ww		60	45	86	87 M	62	60	47	75	84
Percent clay	%-ww		14	20	22	6.0 M	18	17	12	15	17
Percent sand	%-ww		0.0	42	26	81 M	0.0	9.0	46	32	21
Percent silt	%-ww		86	38	52	14 M	82	74	42	53	62
Metals											
Aluminum	mg/kg		5,060 J	23,300 J	9,100	5,695 M	3,990 J	6,240 J	11,200 J	8,950	6,170
Antimony	mg/kg		0.3 U	0.4	0.3	0.2 UM	0.3 U	0.6	0.4 U	0.4 J	0.4 J
Arsenic	mg/kg		11	11	5.9	8.3 M	7.9	13	6.7	8.4	3.4
Barium	mg/kg		82	81	74	77 M	85	90	85	72 J	72 J
Beryllium	mg/kg		0.6	1.0	0.4	0.5 M	0.4	0.7	0.6	0.4	0.3
Cadmium	mg/kg		0.8	6.2E-02 U	3.3E-02 U	0.3 M	0.5	0.4	0.2	3.7E-02 U	3.3E-02 U
Calcium	mg/kg		276,000	34,700	155,000	204,500 M	291,000	271,000	25,800	142,000	183,000
Chromium	mg/kg		26	30	17 J	21 M	19	22	16	16 J	12 J
Cobalt	mg/kg		2.6	5.3	3.9	3.4 M	1.8	3.3	2.4	4.3	3.0
Copper	mg/kg		45	36	24	28 M	28	36	26	18	11
Cyanide	mg/kg		1.0	1.1 U	0.6 U	0.6 UM	0.8 U	0.8 U	1.1 U	0.7 U	0.6 U
Iron	mg/kg		6,210	29,600	14,300	10,200 M	5,600	9,050	10,900	15,900	9,260
Lead	mg/kg		44	36	14	16 M	23	31	38	14	4.5
Magnesium	mg/kg		7,990	7,300	17,000	8,305 M	6,490	8,870	7,940	13,700	11,800
Manganese	mg/kg		282	247	246	223 M	216	258	106	272	280
Mercury	mg/kg		78 J	0.3 J	4.0	47 M	51 J	30 J	0.3 J	0.2	9.7E-02
Nickel	mg/kg		28	30	13	48 M	19	20	15	14	9.5
Potassium	mg/kg		557	5,750	3,180	1,975 M	668	1,190	2,930	2,720	1,880
Selenium	mg/kg		0.9	2.1	1.0	0.5 M	0.9	0.8	1.9	1.4	0.9
Silver	mg/kg		0.1 U	0.2 U	8.7E-02 U	0.1 UM	0.1 U	0.1 U	0.2 U	0.1 U	8.9E-02 U
Sodium	mg/kg		4,110 J	13,000 J	440 J	936 M	1,910 J	2,420 J	5,450 J	375	424
Thallium	mg/kg		0.8 U	1.1 U	0.6 U	0.6 UM	0.8 U	0.8 U	1.0 U	0.7 U	0.6 U
Vanadium	mg/kg		11	41	18	16 M	8.5	15	21	19	13
Zinc	mg/kg		97	60	40	58 M	73	82	55	50	29
Semivolatile Organic Compounds											
1,2,4-Trichlorobenzene	µg/kg		59 U	82 U	39 U	38 UM	55 U	56 U	79 U	43 U	40 UJ
1,2-Dichlorobenzene	µg/kg		59 U	82 U	39 U	38 UM	55 U	56 U	79 U	43 U	40 UJ
1,3-Dichlorobenzene	µg/kg		130	82 U	39 U	38 UM	110	56 U	79 U	43 U	40 UJ
1,4-Dichlorobenzene	µg/kg		59 U	82 U	39 U	38 UM	55 U	56 U	79 U	43 U	40 UJ
2,2'-Oxybis(1-chloropropane)	µg/kg		59 U	82 U	39 UJ	38 UM	55 UJ	56 UJ	79 UJ	43 U	40 UJ
2,4,5-Trichlorophenol	µg/kg		300 U	420 U	200 U	190 UM	290 U	290 U	410 U	220 U	210 UJ
2,4,6-Trichlorophenol	µg/kg		300 U	420 U	200 U	190 UM	290 U	290 U	410 U	220 U	210 UJ
2,4-Dichlorophenol	µg/kg		300 U	420 U	200 U	190 UM	290 U	290 U	410 U	220 U	210 UJ
2,4-Dimethylphenol	µg/kg		300 U	420 U	200 U	190 UM	290 U	290 U	410 U	220 U	210 UJ
2,4-Dinitrophenol	µg/kg		1,500 U	2,100 U	1,000 U	970 UM	1,400 U	1,500 U	2,000 U	1,100 U	1,000 UJ
2,4-Dinitrotoluene	µg/kg		300 U	420 U	200 U	190 UM	290 U	290 U	410 U	220 U	210 UJ
2,6-Dinitrotoluene	µg/kg		300 U	420 U	200 U	190 UM	290 U	290 U	410 U	220 U	210 UJ
2-Chloronaphthalene	µg/kg		59 U	82 U	39 U	38 UM	55 U	56 U	79 U	43 U	40 UJ

Table I-11. (cont.)

Analyte	Units	Date / Station / Depth (cm)	8/16/00 S437 210-233	8/16/00 S437 282-297	8/16/00 S438 000-049	8/16/00 S438 061-149	8/16/00 S438 183-207	8/16/00 S438 207-265	8/16/00 S438 265-300	8/17/00 S439 006-018	8/17/00 S439 018-055
2-Chlorophenol	µg/kg		59 U	82 U	39 U	38 UM	55 U	56 U	79 U	43 U	40 UJ
2-Methyl-4,6-dinitrophenol	µg/kg		1,500 U	2,100 U	1,000 U	970 UM	1,400 U	1,500 U	2,000 U	1,100 U	1,000 UJ
2-Methylnaphthalene	µg/kg		59 U	82 U	39 U	38 UM	55 U	56 U	79 U	43 U	40 UJ
2-Methylphenol	µg/kg		59 U	82 U	39 U	38 UM	55 U	56 U	79 U	43 U	40 UJ
2-Nitroaniline	µg/kg		120 U	170 U	80 U	77 UM	110 U	110 U	160 U	88 U	82 UJ
2-Nitrophenol	µg/kg		300 U	420 U	200 U	190 UM	290 U	290 U	410 U	220 U	210 UJ
3,3-Dichlorobenzidine	µg/kg		59 U	82 U	39 U	38 UM	55 U	56 U	79 U	43 U	40 UJ
3-Nitroaniline	µg/kg		1,500 U	2,100 U	1,000 U	970 UM	1,400 U	1,500 U	2,000 U	1,100 U	1,000 UJ
4-Bromophenyl-phenyl ether	µg/kg		59 U	82 U	39 U	38 UM	55 U	56 U	79 U	43 U	40 UJ
4-Chloro-3-methylphenol	µg/kg		300 U	420 U	200 U	190 UM	290 U	290 U	410 U	220 U	210 UJ
4-Chloroaniline	µg/kg		59 U	82 U	39 U	38 UM	55 U	56 U	79 U	43 U	40 UJ
4-Chlorophenyl-phenyl ether	µg/kg		59 U	82 U	39 U	38 UM	55 U	56 U	79 U	43 U	40 UJ
4-Methylphenol	µg/kg		59 U	82 U	39 U	38 UM	55 U	56 U	79 U	43 U	40 UJ
4-Nitroaniline	µg/kg		1,500 U	2,100 U	1,000 U	970 UM	1,400 U	1,500 U	2,000 U	1,100 U	1,000 UJ
4-Nitrophenol	µg/kg		1,500 U	2,100 U	1,000 U	970 UM	1,400 U	1,500 U	2,000 U	1,100 U	1,000 UJ
Acenaphthene	µg/kg		59 U	82 U	39 U	33 M	55 U	56 U	79 U	43 U	40 UJ
Acenaphthylene	µg/kg		59 U	82 U	39 U	38 UM	55 U	56 U	79 U	43 U	40 UJ
Anthracene	µg/kg		59 U	82 U	39 U	65 M	55 U	56 U	79 U	43 U	40 UJ
Benz(a)anthracene	µg/kg		60	170	83	210 M	55 U	67	170	47	40 UJ
Benzo(a)pyrene	µg/kg		70	170	86	205 M	55 U	74	160	47	40 UJ
Benzo(b)fluoranthene	µg/kg		70	180	77	175 M	55 U	59	130	43 U	40 UJ
Benzo(g,h,i)perylene	µg/kg		59 U	99	56	125 M	55 U	56 U	98	43 U	40 UJ
Benzo(k)fluoranthene	µg/kg		62	180	73	185 M	55 U	56 U	150	43 U	40 UJ
Benzyl Alcohol	µg/kg		300 U	420 U	200 U	190 UM	290 U	290 U	410 U	220 U	210 UJ
Bis(2-chloroethoxy)methane	µg/kg		59 U	82 U	39 U	38 UM	55 U	56 U	79 U	43 U	40 UJ
Bis(2-chloroethyl)ether	µg/kg		59 U	82 U	39 U	38 UM	55 U	56 U	79 U	43 U	40 UJ
Bis(2-ethylhexyl)phthalate	µg/kg		91	160	63 J	459 M	130 J	140 J	150 J	110	53 J
Butylbenzylphthalate	µg/kg		59 U	82 U	39 UJ	38 UM	55 UJ	56 UJ	79 UJ	43 U	40 UJ
Carbazole	µg/kg		59 U	82 U	39 U	34 M	55 U	56 U	79 U	43 U	40 UJ
Chrysene	µg/kg		84	210	91	240 M	55 U	91	180	49	40 UJ
Dibenz(a,h)anthracene	µg/kg		59 U	82 U	39 U	48 M	55 U	56 U	79 U	43 U	40 UJ
Dibenzofuran	µg/kg		59 U	82 U	39 U	38 UM	55 U	56 U	79 U	43 U	40 UJ
Diethylphthalate	µg/kg		59 U	82 U	39 U	38 UM	55 U	56 U	79 U	43 U	40 UJ
Dimethylphthalate	µg/kg		59 U	82 U	39 U	38 UM	55 U	56 U	79 U	43 U	40 UJ
Di-n-butylphthalate	µg/kg		59 U	82 U	39 U	38 UM	55 U	56 U	79 U	43 U	40 UJ
Di-n-octylphthalate	µg/kg		59 U	82 U	39 U	38 UM	55 U	56 U	79 U	43 U	40 UJ
Fluoranthene	µg/kg		130	420	180	495 M	95	180	400	69	40 UJ
Fluorene	µg/kg		59 U	82 U	39 U	30 M	55 U	56 U	79 U	43 U	40 UJ
Hexachlorobenzene	µg/kg		360	82 U	39 U	40 M	55 U	56 U	79 U	43 U	40 UJ
Hexachlorobutadiene	µg/kg		59 U	82 U	39 U	38 UM	55 U	56 U	79 U	43 U	40 UJ
Hexachlorocyclopentadiene	µg/kg		300 U	420 U	200 U	190 UM	290 U	290 U	410 U	220 UJ	210 UJ
Hexachloroethane	µg/kg		59 U	82 U	39 U	38 UM	55 U	56 U	79 U	43 U	40 UJ
Indeno(1,2,3-cd)pyrene	µg/kg		59 U	96	54	115 M	55 U	56 U	100	43 U	40 UJ
Isophorone	µg/kg		59 U	82 U	39 U	38 UM	55 U	56 U	79 U	43 U	40 UJ
Naphthalene	µg/kg		59 U	82 U	39 U	38 UM	55 U	56 U	79 U	43 U	40 UJ

Table I-11. (cont.)

Analyte	Units	Date / Station / Depth (cm)	8/16/00 S437 210-233	8/16/00 S437 282-297	8/16/00 S438 000-049	8/16/00 S438 061-149	8/16/00 S438 183-207	8/16/00 S438 207-265	8/16/00 S438 265-300	8/17/00 S439 006-018	8/17/00 S439 018-055
Nitrobenzene	µg/kg		59 U	82 U	39 U	38 UM	55 U	56 U	79 U	43 U	40 UJ
N-Nitrosodimethylamine	µg/kg		300 U	420 U	200 U	190 UM	290 U	290 U	410 U	220 U	210 UJ
N-nitroso-di-n-propylamine	µg/kg		59 U	82 U	39 U	38 UM	55 U	56 U	79 U	43 U	40 UJ
N-Nitrosodiphenylamine(1)	µg/kg		59 U	82 U	39 U	38 UM	55 U	56 U	79 U	43 U	40 UJ
Pentachlorophenol	µg/kg		1,500 U	2,100 U	1,000 U	970 UM	1,400 U	1,500 U	2,000 U	1,100 U	1,000 UJ
Phenanthrene	µg/kg		71	390	77	360 M	55 U	99	230	43 U	40 UJ
Phenol	µg/kg		59 U	82 U	39 U	38 UM	55 U	56 U	79 U	43 U	40 UJ
Pyrene	µg/kg		140	320	130	390 M	79	140	280	69	40 UJ
Pesticides and PCBs	µg/kg										
4,4'-DDD	µg/kg					1.1 UR					
4,4'-DDE	µg/kg					2.3 R					
4,4'-DDT	µg/kg					1.5 J					
Aldrin	µg/kg					1.2 J					
alpha-BHC	µg/kg					1.1 UR					
alpha-Chlordane	µg/kg					1.1 UJ					
Aroclor-1016	µg/kg		54 U	55 U	53 U	80 UM	54 U	53 U	54 U	53 U	54 U
Aroclor-1221	µg/kg		54 U	55 U	53 U	80 UM	54 U	53 U	54 U	53 U	54 U
Aroclor-1232	µg/kg		54 U	55 U	53 U	80 UM	54 U	53 U	54 U	53 U	54 U
Aroclor-1242	µg/kg		65 J	55 U	53 U	104 M	72 J	53 J	54 U	53 U	54 U
Aroclor-1248	µg/kg		54 U	55 U	53 U	80 UM	54 U	53 U	54 U	53 U	54 U
Aroclor-1254	µg/kg		80 J	55 U	11 J	137 M	54 J	64 J	26 J	53 U	54 U
Aroclor-1260	µg/kg		54 U	55 U	53 U	80 UM	54 U	53 U	54 U	53 U	54 U
Aroclor-1268	µg/kg		73 J	55 U	53 U	151 M	169 J	60 J	54 U	53 U	54 U
beta-BHC	µg/kg					3.2 J					
Chlordane (Sum)	µg/kg					3.0 J					
delta-BHC	µg/kg					1.1 UR					
Dieldrin	µg/kg					3.8 J					
Endosulfan I	µg/kg					1.1 UJ					
Endosulfan II	µg/kg					1.1 UR					
Endosulfan sulfate	µg/kg					1.1 UR					
Endrin aldehyde	µg/kg					2.8 J					
Endrin ketone	µg/kg					1.1 UR					
Endrin	µg/kg					4.2 R					
gamma-BHC (Lindane)	µg/kg					1.1 UR					
gamma-Chlordane	µg/kg					3.0 J					
Heptachlor epoxide	µg/kg					3.8 J					
Heptachlor	µg/kg					1.1 UJ					
Methoxychlor	µg/kg					1.1 UR					
PCBs (Sum)	µg/kg		218	55 U	37	391 M	296	177	53	53 U	54 U
Toxaphene	µg/kg					108 UJ					
Dioxins/Furans											
1,2,3,4,6,7,8-Heptachlorodibenzodioxin	ng/kg				6.0	15 M	57	44	10		
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg				5.5	54 M	52	199	6.5		
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg				1.5 J	55 M	20	96	1.2 J		
1,2,3,4,7,8-Hexachlorodibenzodioxin	ng/kg				0.2 J	0.2 M	0.5 J	0.6 J	0.5 U		

Table I-11. (cont.)

Analyte	Units	Date Station Depth (cm)	8/16/00 S437 210-233	8/16/00 S437 282-297	8/16/00 S438 000-049	8/16/00 S438 061-149	8/16/00 S438 183-207	8/16/00 S438 207-265	8/16/00 S438 265-300	8/17/00 S439 006-018	8/17/00 S439 018-055
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg				2.8	50 M	58	179	4.2		
1,2,3,6,7,8-Hexachlorodibenzodioxin	ng/kg				0.3 J	0.7 M	2.3	2.3 J	0.5 U		
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg				1.0 J	18 M	17	57	1.5 J		
1,2,3,7,8,9-Hexachlorodibenzodioxin	ng/kg				0.3 J	0.5 M	1.4 J	1.6 J	0.7 J		
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg				9.0E-02 U	1.0 M	1.3 J	2.8	0.1 J		
1,2,3,7,8-Pentachlorodibenzodioxin	ng/kg				0.2 J	0.2 M	0.3 J	0.5 J	0.9 J		
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg				1.2	16 M	24	55	2.4		
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg				0.4 J	2.2 M	3.0	6.0	1.1 J		
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg				0.7 J	5.4 M	8.3	19	1.2		
2,3,7,8-Tetra-chlorodibenzo-dioxin	ng/kg				0.1 J	0.1 M	0.3 J	0.2 J	0.2 J		
2,3,7,8-Tetrachlorodibenzofuran	ng/kg				1.2	14 M	37	37	2.5		
Octachlorodibenzodioxin	ng/kg				47	158 M	512	367	61		
Octachlorodibenzofuran	ng/kg				11	252 M	264	735	14		
TEQ (1/2 DL) Avian	ng/kg				2.9	30 M	57	90	5.9		
TEQ (1/2 DL) Mammalian	ng/kg				1.4	14 M	19	45	3.1		
Total heptachlorodibenzodioxins	ng/kg				15	32 M	126	96	20		
Total heptachlorodibenzofurans	ng/kg				10	201 M	134	457	13		
Total hexachlorodibenzodioxins	ng/kg				3.3	4.4 M	23	23	5.3		
Total hexachlorodibenzofurans	ng/kg				8.2	137 M	150	363	18		
Total pentachlorodibenzodioxins	ng/kg				1.1	0.3 M	7.9	6.2	3.5		
Total pentachlorodibenzofurans	ng/kg				7.8	56 M	96	200	22		
Total tetrachlorodibenzodioxins	ng/kg				1.2	1.0 M	5.4	6.3	6.2		
Total tetrachlorodibenzofurans	ng/kg				10	47 M	143	140	28		

Table I-11. (cont.)

Analyte	Units	Date / Station / Depth (cm)	8/17/00 S439 061-183	8/17/00 S439 183-219	8/17/00 S439 219-244	8/17/00 S440 003-017	8/17/00 S440 087-137	8/17/00 S440 137-192	8/17/00 S440 192-235	8/17/00 S440 262-293	8/17/00 S441 006-049
Conventional Analytes											
Total organic carbon	%-dw		8.2	10.0	16	7.3	13	10	8.6	11	7.5
Total solids	%-ww		62	70	46	79	63	64	53	68	81
Percent clay	%-ww		12	11	9.0	13	12	9.0	10	13	18
Percent sand	%-ww		42	42	52	20	33	23	59	37	31
Percent silt	%-ww		46	47	39	67	55	68	31	50	51
Metals											
Aluminum	mg/kg		5,020	3,290	5,520	12,100	5,660	5,710	5,770	1,010	8,140
Antimony	mg/kg		0.4 J	0.7 J	1.3 J	0.3	0.6	0.4	0.45	0.69	0.25 J
Arsenic	mg/kg		8.0	5.7	8.0	8.4	8.5	10	9.4	0.7	3.2
Barium	mg/kg		87 J	99 J	98 J	67	93	85	92	227	78 J
Beryllium	mg/kg		0.4	0.3	0.4	0.6	0.4	0.6	0.53	0.086	0.4
Cadmium	mg/kg		0.9	0.3	4.3	3.6E-02 U	1.1	0.7	0.97	0.041 U	0.034 U
Calcium	mg/kg		311,000	292,000	209,000	88,700	324,000	277,000	333,000	357,000	163,000
Chromium	mg/kg		28 J	10 J	62 J	19	32	25	29	2.8	16 J
Cobalt	mg/kg		2.4	1.8	4.3	4.8	2.7	3.5	2.8	0.15	4.1
Copper	mg/kg		46	18	62	20	49	51	50	2.1	18
Cyanide	mg/kg		0.8 U	0.7 U	1.1 U	0.6 U	1.3	1.1	0.94 U	0.74 U	0.62 U
Iron	mg/kg		6,330	6,300	11,300	17,100	6,900	9,430	7,070	1,330	10,800
Lead	mg/kg		31	44	157	14 J	35 J	35 J	50 J	12 J	9.4
Magnesium	mg/kg		5,680	4,510	6,480	9,690	6,800	8,680	10,700	3,010	18,900
Manganese	mg/kg		259	255	263	294	300	286	294	242	255
Mercury	mg/kg		86	1.6	3.4	0.5 J	80 J	51 J	57 J	5.2E-02 J	8.6E-02
Nickel	mg/kg		26	11	50	17	28	33	32	1.8	14
Potassium	mg/kg		675	608	1,180	3,440	839	659	587	220	2,370
Selenium	mg/kg		0.9	1.1	1.7	1.2	1.4	1.0	0.92	1.1 U	0.71
Silver	mg/kg		0.1	0.1 U	0.9	9.5E-02 U	0.1 U	0.1	0.15	0.11 U	0.092 U
Sodium	mg/kg		3,070	2,230	4,840	299	3,190	4,970	10,300	7,760	350
Thallium	mg/kg		0.8 U	0.7 U	1.1 U	0.6 U	0.8 U	0.8 U	0.92 U	0.73 U	0.6 U
Vanadium	mg/kg		9.9	7.2	14	23	11	13	11	1.7	15
Zinc	mg/kg		113	50	186	46 J	124 J	103 J	120 J	15 J	31
Semivolatile Organic Compounds											
1,2,4-Trichlorobenzene	µg/kg		56 U	48 UJ	85 UJ	40 U	54 U	51 U	58 UJ	50 UJ	42 UJ
1,2-Dichlorobenzene	µg/kg		56 U	48 UJ	85 UJ	51	54 U	51 U	97 J	50 UJ	42 UJ
1,3-Dichlorobenzene	µg/kg		56 U	48 UJ	85 UJ	40 U	54 U	51 U	110 J	50 UJ	42 UJ
1,4-Dichlorobenzene	µg/kg		56 U	48 UJ	85 UJ	40 U	54 U	51 U	58 UJ	50 UJ	42 UJ
2,2'-Oxybis(1-chloropropane)	µg/kg		56 U	48 UJ	85 UJ	40 U	54 U	51 U	58 UJ	50 UJ	42 UJ
2,4,5-Trichlorophenol	µg/kg		290 U	250 UJ	440 UJ	200 U	280 U	260 U	300 UJ	260 UJ	220 UJ
2,4,6-Trichlorophenol	µg/kg		290 U	250 UJ	440 UJ	200 U	280 U	260 U	300 UJ	260 UJ	220 UJ
2,4-Dichlorophenol	µg/kg		290 U	250 UJ	440 UJ	200 U	280 U	260 U	300 UJ	260 UJ	220 UJ
2,4-Dimethylphenol	µg/kg		290 U	250 UJ	440 UJ	200 U	280 U	260 U	300 UJ	260 UJ	220 UJ
2,4-Dinitrophenol	µg/kg		1,400 U	1,200 UJ	2,200 UJ	1,000 U	1,400 U	1,300 U	1,500 UJ	1,300 UJ	1,100 UJ
2,4-Dinitrotoluene	µg/kg		290 U	250 UJ	440 UJ	200 U	280 U	260 U	300 UJ	260 UJ	220 UJ
2,6-Dinitrotoluene	µg/kg		290 U	250 UJ	440 UJ	200 U	280 U	260 U	300 UJ	260 UJ	220 UJ
2-Chloronaphthalene	µg/kg		56 U	48 UJ	85 UJ	40 U	54 U	51 U	58 UJ	50 UJ	42 UJ

Table I-11. (cont.)

Analyte	Units	Date / Station / Depth (cm)	8/17/00 S439 061-183	8/17/00 S439 183-219	8/17/00 S439 219-244	8/17/00 S440 003-017	8/17/00 S440 087-137	8/17/00 S440 137-192	8/17/00 S440 192-235	8/17/00 S440 262-293	8/17/00 S441 006-049
2-Chlorophenol	µg/kg		56 U	48 UJ	85 UJ	40 U	54 U	51 U	58 UJ	50 UJ	42 UJ
2-Methyl-4,6-dinitrophenol	µg/kg		1,400 U	1,200 UJ	2,200 UJ	1,000 U	1,400 U	1,300 U	1,500 UJ	1,300 UJ	1,100 UJ
2-Methylnaphthalene	µg/kg		56 U	48 UJ	85 UJ	40 U	54 U	51 U	58 UJ	50 UJ	42 UJ
2-Methylphenol	µg/kg		56 U	48 UJ	85 UJ	40 U	54 U	51 U	58 UJ	50 UJ	42 UJ
2-Nitroaniline	µg/kg		110 U	97 UJ	170 UJ	80 U	110 U	100 U	120 UJ	100 UJ	86 UJ
2-Nitrophenol	µg/kg		290 U	250 UJ	440 UJ	200 U	280 U	260 U	300 UJ	260 UJ	220 UJ
3,3-Dichlorobenzidine	µg/kg		56 U	48 UJ	85 UJ	40 U	54 U	51 U	58 UJ	50 UJ	42 UJ
3-Nitroaniline	µg/kg		1,400 U	1,200 UJ	2,200 UJ	1,000 U	1,400 U	1,300 U	1,500 UJ	1,300 UJ	1,100 UJ
4-Bromophenyl-phenyl ether	µg/kg		56 U	48 UJ	85 UJ	40 U	54 U	51 U	58 UJ	50 UJ	42 UJ
4-Chloro-3-methylphenol	µg/kg		290 U	250 UJ	440 UJ	200 U	280 U	260 U	300 UJ	260 UJ	220 UJ
4-Chloroaniline	µg/kg		56 U	48 UJ	85 UJ	40 U	54 U	51 U	58 UJ	50 UJ	42 UJ
4-Chlorophenyl-phenyl ether	µg/kg		56 U	48 UJ	85 UJ	40 U	54 U	51 U	58 UJ	50 UJ	42 UJ
4-Methylphenol	µg/kg		56 U	48 UJ	85 UJ	40 U	54 U	51 U	58 UJ	50 UJ	42 UJ
4-Nitroaniline	µg/kg		1,400 U	1,200 UJ	2,200 UJ	1,000 U	1,400 U	1,300 U	1,500 UJ	1,300 UJ	1,100 UJ
4-Nitrophenol	µg/kg		1,400 U	1,200 UJ	2,200 UJ	1,000 U	1,400 U	1,300 U	1,500 UJ	1,300 UJ	1,100 UJ
Acenaphthene	µg/kg		56 U	48 UJ	85 UJ	40 U	54 U	78	58 UJ	50 UJ	42 UJ
Acenaphthylene	µg/kg		56 U	48 UJ	85 UJ	40 U	54 U	51 U	58 UJ	50 UJ	42 UJ
Anthracene	µg/kg		56 U	48 UJ	85 UJ	53	54 U	210	58 UJ	50 UJ	42 UJ
Benz(a)anthracene	µg/kg		71	170 J	320 J	130	54 U	1,900	58 UJ	50 UJ	50 J
Benzo(a)pyrene	µg/kg		87	180 J	370 J	130	60	2,100	58 UJ	50 UJ	44 J
Benzo(b)fluoranthene	µg/kg		90	140 J	310 J	110	56	1,900	58 UJ	50 UJ	42 UJ
Benzo(g,h,i)perylene	µg/kg		56 U	93 J	230 J	67	54 U	1,200	58 UJ	50 UJ	42 UJ
Benzo(k)fluoranthene	µg/kg		75	140 J	300 J	110	66	2,000	58 UJ	50 UJ	42 UJ
Benzyl Alcohol	µg/kg		290 U	250 UJ	440 UJ	200 U	280 U	260 U	300 UJ	260 UJ	220 UJ
Bis(2-chloroethoxy)methane	µg/kg		56 U	48 UJ	85 UJ	40 U	54 U	51 U	58 UJ	50 UJ	42 UJ
Bis(2-chloroethyl)ether	µg/kg		56 U	48 UJ	85 UJ	40 U	54 U	51 U	58 UJ	50 UJ	42 UJ
Bis(2-ethylhexyl)phthalate	µg/kg		130	54 J	150 J	91	110	64	100 J	50 UJ	310 J
Butylbenzylphthalate	µg/kg		56 U	48 UJ	85 UJ	40 U	54 U	51 U	58 UJ	50 UJ	42 UJ
Carbazole	µg/kg		56 U	48 UJ	85 UJ	40 U	54 U	220	58 UJ	50 UJ	42 UJ
Chrysene	µg/kg		95	180 J	390 J	140	65	2,300	58 UJ	50 UJ	52 J
Dibenz(a,h)anthracene	µg/kg		56 U	48 UJ	85 UJ	40 U	54 U	470	58 UJ	50 UJ	42 UJ
Dibenzofuran	µg/kg		56 U	48 UJ	85 UJ	40 U	54 U	51 U	58 UJ	50 UJ	42 UJ
Diethylphthalate	µg/kg		56 U	48 UJ	85 UJ	40 U	54 U	51 U	58 UJ	50 UJ	42 UJ
Dimethylphthalate	µg/kg		56 U	48 UJ	85 UJ	40 U	54 U	51 U	58 UJ	50 UJ	42 UJ
Di-n-butylphthalate	µg/kg		68	54 J	110 J	40 U	54 U	51 U	58 UJ	50 UJ	42 UJ
Di-n-octylphthalate	µg/kg		56 U	48 UJ	85 UJ	40 U	54 U	51 U	58 UJ	50 UJ	42 UJ
Fluoranthene	µg/kg		160	270 J	560 J	290	110	2,900	120 J	57 J	100 J
Fluorene	µg/kg		56 U	48 UJ	85 UJ	40 U	54 U	64	58 UJ	50 UJ	42 UJ
Hexachlorobenzene	µg/kg		360	48 UJ	85 UJ	410	490	51 U	58 UJ	50 UJ	42 UJ
Hexachlorobutadiene	µg/kg		56 U	48 UJ	85 UJ	40 U	54 U	51 U	58 UJ	50 UJ	42 UJ
Hexachlorocyclopentadiene	µg/kg		290 UJ	250 UJ	440 UJ	200 U	280 U	260 U	300 UJ	260 UJ	220 UJ
Hexachloroethane	µg/kg		56 U	48 UJ	85 UJ	40 U	54 U	51 U	58 UJ	50 UJ	42 UJ
Indeno(1,2,3-cd)pyrene	µg/kg		56 U	91 J	200 J	71	54 U	1,100	58 UJ	50 UJ	42 UJ
Isophorone	µg/kg		56 U	48 UJ	85 UJ	40 U	54 U	51 U	58 UJ	50 UJ	42 UJ
Naphthalene	µg/kg		56 U	48 UJ	85 UJ	40 U	54 U	85	58 UJ	50 UJ	42 UJ

Table I-11. (cont.)

Analyte	Units	Date Station Depth (cm)	8/17/00 S439 061-183	8/17/00 S439 183-219	8/17/00 S439 219-244	8/17/00 S440 003-017	8/17/00 S440 087-137	8/17/00 S440 137-192	8/17/00 S440 192-235	8/17/00 S440 262-293	8/17/00 S441 006-049
Nitrobenzene	µg/kg		56 U	48 UJ	85 UJ	40 U	54 U	51 U	58 UJ	50 UJ	42 UJ
N-Nitrosodimethylamine	µg/kg		290 U	250 UJ	440 UJ	200 U	280 U	260 U	300 UJ	260 UJ	220 UJ
N-nitroso-di-n-propylamine	µg/kg		56 U	48 UJ	85 UJ	40 U	54 U	51 U	58 UJ	50 UJ	42 UJ
N-Nitrosodiphenylamine(1)	µg/kg		56 U	48 UJ	85 UJ	40 U	54 U	51 U	58 UJ	50 UJ	42 UJ
Pentachlorophenol	µg/kg		1,400 U	1,200 UJ	2,200 UJ	1,000 U	1,400 U	1,300 U	1,500 UJ	1,300 UJ	1,100 UJ
Phenanthrene	µg/kg		99	130 J	290 J	220	59	970	63 J	50 UJ	70 J
Phenol	µg/kg		56 U	48 UJ	85 UJ	40 U	54 U	51 U	58 UJ	50 UJ	42 UJ
Pyrene	µg/kg		150	260 J	570 J	220	100	2,500	88 J	50 UJ	95 J
Pesticides and PCBs	µg/kg										
4,4'-DDD	µg/kg										
4,4'-DDE	µg/kg										
4,4'-DDT	µg/kg										
Aldrin	µg/kg										
alpha-BHC	µg/kg										
alpha-Chlordane	µg/kg										
Aroclor-1016	µg/kg		53 U	51 U	53 U	55 U	54 U	54 U	55 U	54 U	53 U
Aroclor-1221	µg/kg		53 U	51 U	53 U	55 U	54 U	54 U	55 U	54 U	53 U
Aroclor-1232	µg/kg		53 U	51 U	53 U	55 U	54 U	54 U	55 U	54 U	53 U
Aroclor-1242	µg/kg		52 J	51 U	17 J	55 U	65 J	29 J	158 J	54 U	53 U
Aroclor-1248	µg/kg		53 U	51 U	53 U	55 U	54 U	54 U	55 U	54 U	53 U
Aroclor-1254	µg/kg		192 J	15 J	83 J	55 U	268 J	289 J	228 J	54 U	53 U
Aroclor-1260	µg/kg		53 U	51 U	126 J	28 J	54 U	54 U	55 U	54 U	53 U
Aroclor-1268	µg/kg		242 J	90 J	53 U	55 U	487 J	461 J	440 J	54 U	53 U
beta-BHC	µg/kg										
Chlordane (Sum)	µg/kg										
delta-BHC	µg/kg										
Dieldrin	µg/kg										
Endosulfan I	µg/kg										
Endosulfan II	µg/kg										
Endosulfan sulfate	µg/kg										
Endrin aldehyde	µg/kg										
Endrin ketone	µg/kg										
Endrin	µg/kg										
gamma-BHC (Lindane)	µg/kg										
gamma-Chlordane	µg/kg										
Heptachlor epoxide	µg/kg										
Heptachlor	µg/kg										
Methoxychlor	µg/kg										
PCBs (Sum)	µg/kg		486	105	226	56	820	779	826	54 U	53 U
Toxaphene	µg/kg										
Dioxins/Furans											
1,2,3,4,6,7,8-Heptachlorodibenzodioxin	ng/kg					7.3	88	54	75	0.2 J	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg					3.0	249	119	99	0.2 J	
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg					1.0 J	158	65	67	0.1 U	
1,2,3,4,7,8-Hexachlorodibenzodioxin	ng/kg					0.2 J	0.7 J	0.6 J	0.797 J	0.1 U	

Table I-11. (cont.)

Analyte	Units	Date Station Depth (cm)	8/17/00 S439 061-183	8/17/00 S439 183-219	8/17/00 S439 219-244	8/17/00 S440 003-017	8/17/00 S440 087-137	8/17/00 S440 137-192	8/17/00 S440 192-235	8/17/00 S440 262-293	8/17/00 S441 006-049
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg					2.0 J	274	148	165	0.3 J	
1,2,3,6,7,8-Hexachlorodibenzodioxin	ng/kg					0.4 J	3.5	2.6	3.55	0.1 U	
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg					0.6 J	61	44	48	0.1 U	
1,2,3,7,8,9-Hexachlorodibenzodioxin	ng/kg					0.3 J	2.4 J	1.6 J	2.56	0.1 U	
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg					0.1 U	3.7	2.4	4.18	0.1 U	
1,2,3,7,8-Pentachlorodibenzodioxin	ng/kg					0.2 J	0.5 J	0.4 J	0.633 J	0.1 U	
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg					1.0 J	79	57	96	0.1 J	
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg					0.3 J	7.3	4.8	7.19	0.1 U	
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg					1.0 J	32	23	43	0.1 U	
2,3,7,8-Tetra-chlorodibenzo-dioxin	ng/kg					0.1 U	0.5 J	0.3 J	0.385 J	0.1 U	
2,3,7,8-Tetrachlorodibenzofuran	ng/kg					1.0 J	73	57	78	0.1 J	
Octachlorodibenzodioxin	ng/kg					58 J	866	586	708	2.4 J	
Octachlorodibenzofuran	ng/kg					9.6	3,300	914	676	1.0 J	
TEQ (1/2 DL) Avian	ng/kg					2.7	153	108	156	0.4	
TEQ (1/2 DL) Mammalian	ng/kg					1.3	69	43	61	0.2	
Total heptachlorodibenzodioxins	ng/kg					16	208	128	171	0.1 U	
Total heptachlorodibenzofurans	ng/kg					7.3	847	306	306	0.1 J	
Total hexachlorodibenzodioxins	ng/kg					2.5 J	35	22	33	0.1 U	
Total hexachlorodibenzofurans	ng/kg					6.3	547	303	405	0.1 U	
Total pentachlorodibenzodioxins	ng/kg					0.7 J	5.9	4.1	5.49	0.1 U	
Total pentachlorodibenzofurans	ng/kg					5.5	337	208	345	0.1 J	
Total tetrachlorodibenzodioxins	ng/kg					1.8	9.3	5.4	5.67	0.1 U	
Total tetrachlorodibenzofurans	ng/kg					8.2	312	189	287	0.3 J	

Table I-11. (cont.)

Analyte	Units	Date / Station / Depth (cm)	8/17/00 S441 061-131	8/17/00 S441 131-195	8/17/00 S441 195-259	8/17/00 S441 268-290	8/17/00 S441 290-357	8/17/00 S442 000-061	8/17/00 S442 061-122	8/17/00 S442 122-183	8/17/00 S442 183-232
Conventional Analytes											
Total organic carbon	%-dw		9.1	8.1	8.0	8.3	9.8	2.34	3.53	2.84	1.755 M
Total solids	%-ww		68	63	61	87	66	87	79	81	83 M
Percent clay	%-ww		11	14	11	9	11	19	22	20	22.5 M
Percent sand	%-ww		25	1.0	1.0	61	56	20	33	13	31 M
Percent silt	%-ww		64	85	88	30	33	61	45	67	47 M
Metals											
Aluminum	mg/kg		7,180	5,040	4,680	4,870	1,240	9,980	13,000	14,400	13,000
Antimony	mg/kg		0.34 J	0.84 J	0.55 J	0.52 J	0.44 J	0.24	0.38	0.23 UJ	0.86
Arsenic	mg/kg		4.4	7.9	7.4	6.4	1.2	3.9	4.2	2.7	4.35
Barium	mg/kg		96 J	89 J	84 J	49 J	98 J	76	74	105 J	79
Beryllium	mg/kg		0.36	0.44	0.41	0.31	0.1	0.46	0.51	0.75	0.56
Cadmium	mg/kg		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		217,000	326,000	320,000	109,000	348,000	70,200	71,600	61,700	62,600
Chromium	mg/kg		12 J	33 J	27 J	11 J	3.3 J	15.5	20.6	21.2 J	18.15
Cobalt	mg/kg		2.6	2.5	2.5	4	0.46	4.5	6	6.7	6.25
Copper	mg/kg		15	50	60	57	2.8	18.1	16.8	17.5	18.9
Cyanide	mg/kg		0.73 U	1.3	0.94	0.57 U	0.76 U	0.58 U	0.63 U	0.62 U	0.85
Iron	mg/kg		10,200	5,810	5,880	7,600	2,950	15,400	23,600	18,200	18,000
Lead	mg/kg		6.3	32	29	23	2.5	12 J	8 J	11	55
Magnesium	mg/kg		9,660	5,730	7,150	10,900	3,260	11,800	10,400	10,800	13,050
Manganese	mg/kg		206	287	288	160	256	354	253	274	388
Mercury	mg/kg		0.6	9.3	58	1.9	0.2	0.054 J	0.11 J	0.088 J	0.0705
Nickel	mg/kg		11	29	30	13	2.6	13.8	16.3	19.3	15.75
Potassium	mg/kg		1,880	525	440	1,260	261	3,330	3,330	3,540	2,840
Selenium	mg/kg		1.3	1.3	1.3	0.49	1.1 U	0.79	0.7	0.91	0.555
Silver	mg/kg		0.11 U	0.18	0.12 U	0.086 U	0.11 U	0.087 U	0.095 U	0.092 U	0.0905 U
Sodium	mg/kg		439	2,020	1,920	321	1,360	229	335	587	331
Thallium	mg/kg		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		13	9.4	9.6	14	2.1	19.4	25.9	25.2	24.95
Zinc	mg/kg		29	131	136	37	12	39 J	39 J	52	46
Semivolatile Organic Compounds											
1,2,4-Trichlorobenzene	µg/kg		46 UJ	52 UJ	57 UJ	39 UJ	50 UJ	40 U	43 U	39 UJ	225 UMI
1,2-Dichlorobenzene	µg/kg		46 UJ	52 UJ	65 J	39 UJ	50 UJ	40 U	43 U	39 UJ	225 UM
1,3-Dichlorobenzene	µg/kg		46 UJ	52 UJ	79 J	39 UJ	50 UJ	40 U	43 U	39 UJ	225 UM
1,4-Dichlorobenzene	µg/kg		46 UJ	52 UJ	57 UJ	39 UJ	50 UJ	40 U	43 U	39 UJ	225 UM
2,2'-Oxybis(1-chloropropane)	µg/kg		46 UJ	52 UJ	57 UJ	39 UJ	50 UJ	40 U	43 U	39 UJ	225 UM
2,4,5-Trichlorophenol	µg/kg		230 UJ	270 UJ	290 UJ	200 UJ	260 UJ	210 U	220 U	200 UJ	1,155 UM
2,4,6-Trichlorophenol	µg/kg		230 UJ	270 UJ	290 UJ	200 UJ	260 UJ	210 U	220 U	200 UJ	1,155 UM
2,4-Dichlorophenol	µg/kg		230 UJ	270 UJ	290 UJ	200 UJ	260 UJ	210 U	220 U	200 UJ	1,155 UM
2,4-Dimethylphenol	µg/kg		230 UJ	270 UJ	290 UJ	200 UJ	260 UJ	210 U	220 U	200 UJ	1,155 UM
2,4-Dinitrophenol	µg/kg		1,200 UJ	1,300 UJ	1,500 UJ	1,000 UJ	1,300 UJ	1,000 U	1,100 U	1,000 UJ	6,000 UM
2,4-Dinitrotoluene	µg/kg		230 UJ	270 UJ	290 UJ	200 UJ	260 UJ	210 U	220 U	200 UJ	1,155 UM
2,6-Dinitrotoluene	µg/kg		230 UJ	270 UJ	290 UJ	200 UJ	260 UJ	210 U	220 U	200 UJ	1,155 UM
2-Chloronaphthalene	µg/kg		46 UJ	52 UJ	57 UJ	39 UJ	50 UJ	40 U	43 U	39 UJ	225 UM

Table I-11. (cont.)

Analyte	Units	Date / Station / Depth (cm)	8/17/00 S441 061-131	8/17/00 S441 131-195	8/17/00 S441 195-259	8/17/00 S441 268-290	8/17/00 S441 290-357	8/17/00 S442 000-061	8/17/00 S442 061-122	8/17/00 S442 122-183	8/17/00 S442 183-232
2-Chlorophenol	µg/kg		46 UJ	52 UJ	57 UJ	39 UJ	50 UJ	40 U	43 U	39 UJ	225 UM
2-Methyl-4,6-dinitrophenol	µg/kg		1,200 UJ	1,300 UJ	1,500 UJ	1,000 UJ	1,300 UJ	1,000 U	1,100 U	1,000 UJ	6,000 UM
2-Methylnaphthalene	µg/kg		46 UJ	52 UJ	57 UJ	39 UJ	50 UJ	40 U	43 U	39 UJ	225 UM
2-Methylphenol	µg/kg		46 UJ	52 UJ	57 UJ	39 UJ	50 UJ	40 U	43 U	39 UJ	225 UM
2-Nitroaniline	µg/kg		93 UJ	110 UJ	120 UJ	79 UJ	100 UJ	82 U	87 U	80 UJ	456 UM
2-Nitrophenol	µg/kg		230 UJ	270 UJ	290 UJ	200 UJ	260 UJ	210 U	220 U	200 UJ	1,155 UM
3,3-Dichlorobenzidine	µg/kg		46 UJ	52 UJ	57 UJ	39 UJ	50 UJ	40 U	43 U	39 UJ	225 UM
3-Nitroaniline	µg/kg		1,200 UJ	1,300 UJ	1,500 UJ	1,000 UJ	1,300 UJ	1,000 U	1,100 U	1,000 UJ	6,000 UM
4-Bromophenyl-phenyl ether	µg/kg		46 UJ	52 UJ	57 UJ	39 UJ	50 UJ	40 U	43 U	39 UJ	225 UM
4-Chloro-3-methylphenol	µg/kg		230 UJ	270 UJ	290 UJ	200 UJ	260 UJ	210 U	220 U	200 UJ	1,155 UM
4-Chloroaniline	µg/kg		46 UJ	52 UJ	57 UJ	39 UJ	50 UJ	40 U	43 U	39 UJ	225 UM
4-Chlorophenyl-phenyl ether	µg/kg		46 UJ	52 UJ	57 UJ	39 UJ	50 UJ	40 U	43 U	39 UJ	225 UM
4-Methylphenol	µg/kg		46 UJ	52 UJ	57 UJ	39 UJ	50 UJ	40 U	43 U	39 UJ	225 UM
4-Nitroaniline	µg/kg		1,200 UJ	1,300 UJ	1,500 UJ	1,000 UJ	1,300 UJ	1,000 U	1,100 U	1,000 UJ	6,000 UM
4-Nitrophenol	µg/kg		1,200 UJ	1,300 UJ	1,500 UJ	1,000 UJ	1,300 UJ	1,000 U	1,100 U	1,000 UJ	6,000 UM
Acenaphthene	µg/kg		46 UJ	52 UJ	57 UJ	39 UJ	50 UJ	40 U	43 U	39 UJ	355 M
Acenaphthylene	µg/kg		46 UJ	52 UJ	57 UJ	39 UJ	50 UJ	40 U	43 U	39 UJ	225 UM
Anthracene	µg/kg		46 UJ	52 UJ	57 UJ	39 UJ	50 UJ	40 U	43 U	39 UJ	1,060 M
Benz(a)anthracene	µg/kg		46 UJ	52 UJ	57 UJ	120 J	50 UJ	40 U	43 U	70 J	4,310 M
Benzo(a)pyrene	µg/kg		46 UJ	52 UJ	59 J	140 J	50 UJ	40 U	43 U	78 J	4,210 M
Benzo(b)fluoranthene	µg/kg		46 UJ	53 J	67 J	150 J	50 UJ	40 U	43 U	72 J	3,160 M
Benzo(g,h,i)perylene	µg/kg		46 UJ	52 UJ	57 UJ	110 J	50 UJ	40 U	43 U	51 J	2,110 M
Benzo(k)fluoranthene	µg/kg		46 UJ	56 J	57 UJ	140 J	50 UJ	40 U	43 U	67 J	3,060 M
Benzyl Alcohol	µg/kg		230 UJ	270 UJ	290 UJ	200 UJ	260 UJ	210 U	220 U	200 UJ	1,155 UM
Bis(2-chloroethoxy)methane	µg/kg		46 UJ	52 UJ	57 UJ	39 UJ	50 UJ	40 U	43 U	39 UJ	225 UM
Bis(2-chloroethyl)ether	µg/kg		46 UJ	52 UJ	57 UJ	39 UJ	50 UJ	40 U	43 U	39 UJ	225 UM
Bis(2-ethylhexyl)phthalate	µg/kg		310 J	130 J	330 J	61 J	120 J	69	100	97 J	123 M
Butylbenzylphthalate	µg/kg		46 UJ	52 UJ	57 UJ	39 UJ	50 UJ	40 U	43 U	39 UJ	225 UM
Carbazole	µg/kg		46 UJ	52 UJ	57 UJ	39 UJ	50 UJ	40 U	43 U	39 UJ	860 M
Chrysene	µg/kg		46 UJ	56 J	74 J	170 J	50 UJ	47	43 U	87 J	5,010 M
Dibenz(a,h)anthracene	µg/kg		46 UJ	52 UJ	57 UJ	39 UJ	50 UJ	40 U	43 U	39 UJ	760 M
Dibenzofuran	µg/kg		46 UJ	52 UJ	57 UJ	39 UJ	50 UJ	40 U	43 U	39 UJ	225 UM
Diethylphthalate	µg/kg		46 UJ	52 UJ	57 UJ	39 UJ	50 UJ	40 U	43 U	39 UJ	225 UM
Dimethylphthalate	µg/kg		46 UJ	52 UJ	57 UJ	39 UJ	50 UJ	40 U	43 U	39 UJ	225 UM
Di-n-butylphthalate	µg/kg		64 J	52 UJ	61 J	39 UJ	50 UJ	40 U	43 U	39 UJ	225 UM
Di-n-octylphthalate	µg/kg		46 UJ	52 UJ	57 UJ	39 UJ	50 UJ	40 U	43 U	39 UJ	225 UM
Fluoranthene	µg/kg		46 UJ	90 J	110 J	230 J	50 UJ	76	43 U	110 J	8,510 M
Fluorene	µg/kg		46 UJ	52 UJ	57 UJ	39 UJ	50 UJ	40 U	43 U	39 UJ	365 M
Hexachlorobenzene	µg/kg		46 UJ	200 J	140 J	39 UJ	50 UJ	40 U	43 U	39 UJ	225 UM
Hexachlorobutadiene	µg/kg		46 UJ	52 UJ	57 UJ	39 UJ	50 UJ	40 U	43 U	39 UJ	225 UM
Hexachlorocyclopentadiene	µg/kg		230 UJ	270 UJ	290 UJ	200 UJ	260 UJ	210 U	220 U	200 UJ	1,155 UM
Hexachloroethane	µg/kg		46 UJ	52 UJ	57 UJ	39 UJ	50 UJ	40 U	43 U	39 UJ	225 UM
Indeno(1,2,3-cd)pyrene	µg/kg		46 UJ	52 UJ	57 UJ	100 J	50 UJ	40 U	43 U	47 J	1,810 M
Isophorone	µg/kg		46 UJ	52 UJ	57 UJ	39 UJ	50 UJ	40 U	43 U	39 UJ	225 UM
Naphthalene	µg/kg		46 UJ	52 UJ	57 UJ	39 UJ	50 UJ	40 U	43 U	39 UJ	225 UM

Table I-11. (cont.)

Analyte	Units	Date Station Depth (cm)	8/17/00 S441 061-131	8/17/00 S441 131-195	8/17/00 S441 195-259	8/17/00 S441 268-290	8/17/00 S441 290-357	8/17/00 S442 000-061	8/17/00 S442 061-122	8/17/00 S442 122-183	8/17/00 S442 183-232
Nitrobenzene	µg/kg		46 UJ	52 UJ	57 UJ	39 UJ	50 UJ	40 U	43 U	39 UJ	225 UM
N-Nitrosodimethylamine	µg/kg		230 UJ	270 UJ	290 UJ	200 UJ	260 UJ	210 U	220 U	200 UJ	1,155 UM
N-nitroso-di-n-propylamine	µg/kg		46 UJ	52 UJ	57 UJ	39 UJ	50 UJ	40 U	43 U	39 UJ	225 UM
N-Nitrosodiphenylamine(1)	µg/kg		46 UJ	52 UJ	57 UJ	39 UJ	50 UJ	40 U	43 U	39 UJ	225 UM
Pentachlorophenol	µg/kg		1,200 UJ	1,300 UJ	1,500 UJ	1,000 UJ	1,300 UJ	1,000 U	1,100 U	1,000 UJ	6,000 UM
Phenanthrene	µg/kg		46 UJ	52 UJ	57 UJ	110 J	50 UJ	40 U	43 U	50 J	7,010 M
Phenol	µg/kg		46 UJ	52 UJ	57 UJ	39 UJ	50 UJ	40 U	43 U	39 UJ	225 UM
Pyrene	µg/kg		46 UJ	94 J	140 J	200 J	50 UJ	63	43 U	100 J	8,510 M
Pesticides and PCBs	µg/kg										
4,4'-DDD	µg/kg										
4,4'-DDE	µg/kg										
4,4'-DDT	µg/kg										
Aldrin	µg/kg										
alpha-BHC	µg/kg										
alpha-Chlordane	µg/kg										
Aroclor-1016	µg/kg		51 U	54 U	53 U	51 U	52 U	53 U	53 U	53 U	54 UM
Aroclor-1221	µg/kg		51 U	54 U	53 U	51 U	52 U	53 U	53 U	53 U	54 UM
Aroclor-1232	µg/kg		51 U	54 U	53 U	51 U	52 U	53 U	53 U	53 U	54 UM
Aroclor-1242	µg/kg		51 U	71 J	193 J	51 U	52 U	53 U	53 U	53 U	54 UM
Aroclor-1248	µg/kg		51 U	54 U	53 U	51 U	52 U	53 U	53 U	53 U	54 UM
Aroclor-1254	µg/kg		51 U	214 J	223 J	51 U	52 U	53 U	53 U	53 U	54 UM
Aroclor-1260	µg/kg		51 U	54 U	53 U	51 U	52 U	53 U	53 U	53 U	54 UM
Aroclor-1268	µg/kg		51 U	120 J	162 J	51 U	52 U	53 U	53 U	53 U	54 UM
beta-BHC	µg/kg										
Chlordane (Sum)	µg/kg										
delta-BHC	µg/kg										
Dieldrin	µg/kg										
Endosulfan I	µg/kg										
Endosulfan II	µg/kg										
Endosulfan sulfate	µg/kg										
Endrin aldehyde	µg/kg										
Endrin ketone	µg/kg										
Endrin	µg/kg										
gamma-BHC (Lindane)	µg/kg										
gamma-Chlordane	µg/kg										
Heptachlor epoxide	µg/kg										
Heptachlor	µg/kg										
Methoxychlor	µg/kg										
PCBs (Sum)	µg/kg		51 U	405	578	51 U	52 U	53 U	53 U	53 U	54 UM
Toxaphene	µg/kg										
Dioxins/Furans											
1,2,3,4,6,7,8-Heptachlorodibenzodioxin	ng/kg							3.8	0.757 J	1.01 J	0.262 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg							1.11 J	0.477 J	0.517 J	0.285 J
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg							0.166 J	0.177 J	0.1 U	0.1 U
1,2,3,4,7,8-Hexachlorodibenzodioxin	ng/kg							0.118 J	0.1 U	0.1 U	0.1 U

Table I-11. (cont.)

Analyte	Units	Date Station Depth (cm)	8/17/00 S441 061-131	8/17/00 S441 131-195	8/17/00 S441 195-259	8/17/00 S441 268-290	8/17/00 S441 290-357	8/17/00 S442 000-061	8/17/00 S442 061-122	8/17/00 S442 122-183	8/17/00 S442 183-232
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg							0.258 J	0.43 J	0.2 J	0.112 J
1,2,3,6,7,8-Hexachlorodibenzodioxin	ng/kg							0.247 J	0.1 U	0.1 U	0.1 U
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg							0.274 J	0.152 J	0.1 U	0.1 U
1,2,3,7,8,9-Hexachlorodibenzodioxin	ng/kg							0.172 J	0.1 U	0.1 U	0.1 U
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg							0.1 U	0.1 U	0.1 U	0.1 U
1,2,3,7,8-Pentachlorodibenzodioxin	ng/kg							0.163 J	0.1 U	0.1 U	0.1 U
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg							0.184 J	0.26 J	0.1 U	0.118 J
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg							0.187 J	0.1 U	0.1 U	0.1 U
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg							0.233 J	0.111 J	0.124 J	0.109 J
2,3,7,8-Tetra-chlorodibenzo-dioxin	ng/kg							0.1 U	0.1 U	0.1 U	0.1 U
2,3,7,8-Tetrachlorodibenzofuran	ng/kg							0.264 J	0.343 J	0.154 J	0.126 J
Octachlorodibenzodioxin	ng/kg							23.2	6.24	7.42	1.67 J
Octachlorodibenzofuran	ng/kg							2.17 J	1.62 J	1.38 J	0.415 J
TEQ (1/2 DL) Avian	ng/kg							0.850	0.664	0.434	0.385
TEQ (1/2 DL) Mammalian	ng/kg							0.549	0.301	0.247	0.220
Total heptachlorodibenzodioxins	ng/kg							7.18	1.58 J	2.13 J	0.26 J
Total heptachlorodibenzofurans	ng/kg							1.11 J	0.65 J	0.52 J	0.29 J
Total hexachlorodibenzodioxins	ng/kg							1.29 J	0.53 J	0.7 J	0.19 J
Total hexachlorodibenzofurans	ng/kg							0.83 J	1.78 J	0.77 J	0.32 J
Total pentachlorodibenzodioxins	ng/kg							0.55 J	0.33 J	0.1 U	0.43 J
Total pentachlorodibenzofurans	ng/kg							2.79	1.08	0.83 J	0.22 J
Total tetrachlorodibenzodioxins	ng/kg							1.1	2.3	0.75 J	0.34 J
Total tetrachlorodibenzofurans	ng/kg							4.17	3.06	2.82	1.08

Table I-11. (cont.)

Analyte	Units	Date / Station / Depth (cm)	8/17/00 S442 241-305	8/17/00 S443 000-061	8/17/00 S443 061-122	8/17/00 S443 122-174	8/17/00 S443 174-180	8/17/00 S443 183-204
Conventional Analytes								
Total organic carbon	%-dw		10.2	4.96	2.49	2.3		16.4
Total solids	%-ww		67	87	92	87	86	63
Percent clay	%-ww		17	19	21	18		16
Percent sand	%-ww		26	33	34	34		48
Percent silt	%-ww		57	48	45	48		36
Metals								
Aluminum	mg/kg		1,520	8,230	9,500	7,990	9,410	4,820
Antimony	mg/kg		0.28 UJ	0.31 J	0.37 J	0.32 J	0.22 UJ	0.55 J
Arsenic	mg/kg		0.62	3.2	3.7	4.5	4.5	2.5
Barium	mg/kg		103 J	72 J	73 J	59 J	69 J	121 J
Beryllium	mg/kg		0.14	0.39	0.43	0.39	0.39	0.27
Cadmium	mg/kg		0.042 U	0.032 U	0.031 U	0.032 U	0.032 U	0.2
Calcium	mg/kg		344,000	141,000	81,000	87,600	149,000	300,000
Chromium	mg/kg		3.7 J	12.2 J	14.3 J	13.2 J	13.6 J	9.4 J
Cobalt	mg/kg		0.47	3.9	5.3	4.9	8.2	2.7
Copper	mg/kg		1.8	15.4	14.9	20.9	11.2	9
Cyanide	mg/kg		0.75 U	0.57 U	0.55 U	0.57 U	0.58 U	0.79 U
Iron	mg/kg		1,670	12,500	15,700	14,400	12,200	6,260
Lead	mg/kg		0 U	8	8	32	8	27
Magnesium	mg/kg		3,350	19,000	14,400	15,200	16,900	5,460
Manganese	mg/kg		242	343	440	400	294	308
Mercury	mg/kg		0.042 U	0.032 U	0.031 U	0.11	0.033 U	0.11
Nickel	mg/kg		2.3	12	13.2	13.2	14.6	10.2
Potassium	mg/kg		278	2,380	2,790	2,110	2,960	1,070
Selenium	mg/kg		1.1 U	1.1	0.77	0.82	0.53	1.4
Silver	mg/kg		0.11 U	0.086 U	0.082 U	0.086 U	0.087 U	0.12 U
Sodium	mg/kg		719	284	214	238	318	707
Thallium	mg/kg		0.73 U	0.56 U	0.54 U	0.56 U	0.57 U	0.78 U
Vanadium	mg/kg		2.6	15.6	18.4	17.2	14.1	8.3
Zinc	mg/kg		13	30	29	39	43	33
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	µg/kg		49 U	38 UJ	36 UJ	38 UJ		500 UJ
1,2-Dichlorobenzene	µg/kg		49 U	38 UJ	36 UJ	38 UJ		500 UJ
1,3-Dichlorobenzene	µg/kg		49 U	38 UJ	36 UJ	38 UJ		500 UJ
1,4-Dichlorobenzene	µg/kg		49 U	38 UJ	36 UJ	38 UJ		500 UJ
2,2'-Oxybis(1-chloropropane)	µg/kg		49 U	38 UJ	36 UJ	38 UJ		500 UJ
2,4,5-Trichlorophenol	µg/kg		250 U	190 UJ	190 UJ	200 UJ		2,600 UJ
2,4,6-Trichlorophenol	µg/kg		250 U	190 UJ	190 UJ	200 UJ		2,600 UJ
2,4-Dichlorophenol	µg/kg		250 U	190 UJ	190 UJ	200 UJ		2,600 UJ
2,4-Dimethylphenol	µg/kg		250 U	190 UJ	190 UJ	200 UJ		2,600 UJ
2,4-Dinitrophenol	µg/kg		1,300 U	970 UJ	930 UJ	990 UJ		13,000 UJ
2,4-Dinitrotoluene	µg/kg		250 U	190 UJ	190 UJ	200 UJ		2,600 UJ
2,6-Dinitrotoluene	µg/kg		250 U	190 UJ	190 UJ	200 UJ		2,600 UJ
2-Chloronaphthalene	µg/kg		49 U	38 UJ	36 UJ	38 UJ		500 UJ

Table I-11. (cont.)

Analyte	Units	Date / Station / Depth (cm)	8/17/00 S442 241-305	8/17/00 S443 000-061	8/17/00 S443 061-122	8/17/00 S443 122-174	8/17/00 S443 174-180	8/17/00 S443 183-204
2-Chlorophenol	µg/kg		49 U	38 UJ	36 UJ	38 UJ		500 UJ
2-Methyl-4,6-dinitrophenol	µg/kg		1,300 U	970 UJ	930 UJ	990 UJ		13,000 UJ
2-Methylnaphthalene	µg/kg		49 U	38 UJ	36 UJ	38 UJ		500 UJ
2-Methylphenol	µg/kg		49 U	38 UJ	36 UJ	38 UJ		500 UJ
2-Nitroaniline	µg/kg		100 U	77 UJ	73 UJ	78 UJ		1,000 UJ
2-Nitrophenol	µg/kg		250 U	190 UJ	190 UJ	200 UJ		2,600 UJ
3,3-Dichlorobenzidine	µg/kg		49 U	38 UJ	36 UJ	38 UJ		500 UJ
3-Nitroaniline	µg/kg		1,300 U	970 UJ	930 UJ	990 UJ		13,000 UJ
4-Bromophenyl-phenyl ether	µg/kg		49 U	38 UJ	36 UJ	38 UJ		500 UJ
4-Chloro-3-methylphenol	µg/kg		250 U	190 UJ	190 UJ	200 UJ		2,600 UJ
4-Chloroaniline	µg/kg		49 U	38 UJ	36 UJ	38 UJ		500 UJ
4-Chlorophenyl-phenyl ether	µg/kg		49 U	38 UJ	36 UJ	38 UJ		500 UJ
4-Methylphenol	µg/kg		49 U	38 UJ	36 UJ	38 UJ		500 UJ
4-Nitroaniline	µg/kg		1,300 U	970 UJ	930 UJ	990 UJ		13,000 UJ
4-Nitrophenol	µg/kg		1,300 U	970 UJ	930 UJ	990 UJ		13,000 UJ
Acenaphthene	µg/kg		49 U	38 UJ	36 UJ	38 UJ		1,200 J
Acenaphthylene	µg/kg		49 U	38 UJ	36 UJ	110 J		500 UJ
Anthracene	µg/kg		49 U	38 UJ	36 UJ	140 J		1,900 J
Benz(a)anthracene	µg/kg		49 U	38 UJ	36 UJ	430 J		22,000 J
Benzo(a)pyrene	µg/kg		49 U	38 UJ	36 UJ	530 J		23,000 J
Benzo(b)fluoranthene	µg/kg		49 U	38 UJ	36 UJ	430 J		20,000 J
Benzo(g,h,i)perylene	µg/kg		49 U	38 UJ	36 UJ	360 J		11,000 J
Benzo(k)fluoranthene	µg/kg		49 U	38 UJ	36 UJ	470 J		20,000 J
Benzyl Alcohol	µg/kg		250 U	190 UJ	190 UJ	200 UJ		2,600 UJ
Bis(2-chloroethoxy)methane	µg/kg		49 U	38 UJ	36 UJ	38 UJ		500 UJ
Bis(2-chloroethyl)ether	µg/kg		49 U	38 UJ	36 UJ	38 UJ		500 UJ
Bis(2-ethylhexyl)phthalate	µg/kg		60	55 J	200 J	130 J		500 UJ
Butylbenzylphthalate	µg/kg		49 U	38 UJ	36 UJ	38 UJ		500 UJ
Carbazole	µg/kg		49 U	38 UJ	36 UJ	50 J		2,700 J
Chrysene	µg/kg		49 U	38 UJ	36 UJ	460 J		25,000 J
Dibenz(a,h)anthracene	µg/kg		49 U	38 UJ	36 UJ	140 J		5,200 J
Dibenzofuran	µg/kg		49 U	38 UJ	36 UJ	38 UJ		500 UJ
Diethylphthalate	µg/kg		49 U	38 UJ	36 UJ	38 UJ		500 UJ
Dimethylphthalate	µg/kg		49 U	38 UJ	36 UJ	38 UJ		500 UJ
Di-n-butylphthalate	µg/kg		49 U	38 UJ	36 UJ	38 UJ		500 UJ
Di-n-octylphthalate	µg/kg		49 U	38 UJ	36 UJ	38 UJ		500 UJ
Fluoranthene	µg/kg		49 U	38 J	38 J	820 J		32,000 J
Fluorene	µg/kg		49 U	38 UJ	36 UJ	45 J		800 J
Hexachlorobenzene	µg/kg		49 U	38 UJ	36 UJ	38 UJ		500 UJ
Hexachlorobutadiene	µg/kg		49 U	38 UJ	36 UJ	38 UJ		500 UJ
Hexachlorocyclopentadiene	µg/kg		250 U	190 UJ	190 UJ	200 UJ		2,600 UJ
Hexachloroethane	µg/kg		49 U	38 UJ	36 UJ	38 UJ		500 UJ
Indeno(1,2,3-cd)pyrene	µg/kg		49 U	38 UJ	36 UJ	350 J		11,000 J
Isophorone	µg/kg		49 U	38 UJ	36 UJ	38 UJ		500 UJ
Naphthalene	µg/kg		49 U	38 UJ	36 UJ	38 UJ		640 J

Table I-11. (cont.)

Analyte	Units	Date / Station / Depth (cm)	8/17/00 S442 241-305	8/17/00 S443 000-061	8/17/00 S443 061-122	8/17/00 S443 122-174	8/17/00 S443 174-180	8/17/00 S443 183-204
Nitrobenzene	µg/kg		49 U	38 UJ	36 UJ	38 UJ		500 UJ
N-Nitrosodimethylamine	µg/kg		250 U	190 UJ	190 UJ	200 UJ		2,600 UJ
N-nitroso-di-n-propylamine	µg/kg		49 U	38 UJ	36 UJ	38 UJ		500 UJ
N-Nitrosodiphenylamine(1)	µg/kg		49 U	38 UJ	36 UJ	38 UJ		500 UJ
Pentachlorophenol	µg/kg		1,300 U	970 UJ	930 UJ	990 UJ		13,000 UJ
Phenanthrene	µg/kg		49 U	38 UJ	36 UJ	440 J		9,500 J
Phenol	µg/kg		49 U	38 UJ	36 UJ	38 UJ		500 UJ
Pyrene	µg/kg		49 U	38 UJ	36 UJ	700 J		25,000 J
Pesticides and PCBs	µg/kg							
4,4'-DDD	µg/kg							
4,4'-DDE	µg/kg							
4,4'-DDT	µg/kg							
Aldrin	µg/kg							
alpha-BHC	µg/kg							
alpha-Chlordane	µg/kg							
Aroclor-1016	µg/kg		53 UJ	51 U	54 U	54 U		52 U
Aroclor-1221	µg/kg		53 UJ	51 U	54 U	54 U		52 U
Aroclor-1232	µg/kg		53 UJ	51 U	54 U	54 U		52 U
Aroclor-1242	µg/kg		53 UJ	51 U	54 U	54 U		52 U
Aroclor-1248	µg/kg		53 UJ	51 U	54 U	54 U		52 U
Aroclor-1254	µg/kg		53 UJ	51 U	54 U	54 U		52 U
Aroclor-1260	µg/kg		53 UJ	51 U	54 U	54 U		52 U
Aroclor-1268	µg/kg		53 UJ	51 U	54 U	54 U		52 U
beta-BHC	µg/kg							
Chlordane (Sum)	µg/kg							
delta-BHC	µg/kg							
Dieldrin	µg/kg							
Endosulfan I	µg/kg							
Endosulfan II	µg/kg							
Endosulfan sulfate	µg/kg							
Endrin aldehyde	µg/kg							
Endrin ketone	µg/kg							
Endrin	µg/kg							
gamma-BHC (Lindane)	µg/kg							
gamma-Chlordane	µg/kg							
Heptachlor epoxide	µg/kg							
Heptachlor	µg/kg							
Methoxychlor	µg/kg							
PCBs (Sum)	µg/kg		53 U	51 U	54 U	54 U		52 U
Toxaphene	µg/kg							
Dioxins/Furans								
1,2,3,4,6,7,8-Heptachlorodibenzodioxin	ng/kg		0.1 U					
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg		0.1 U					
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg		0.1 U					
1,2,3,4,7,8-Hexachlorodibenzodioxin	ng/kg		0.1 U					

Table I-11. (cont.)

Analyte	Units	Date / Station / Depth (cm)	8/17/00 S442 241-305	8/17/00 S443 000-061	8/17/00 S443 061-122	8/17/00 S443 122-174	8/17/00 S443 174-180	8/17/00 S443 183-204
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg		0.1 U					
1,2,3,6,7,8-Hexachlorodibenzodioxin	ng/kg		0.1 U					
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg		0.1 U					
1,2,3,7,8,9-Hexachlorodibenzodioxin	ng/kg		0.1 U					
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg		0.1 U					
1,2,3,7,8-Pentachlorodibenzodioxin	ng/kg		0.1 U					
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg		0.1 U					
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg		0.1 U					
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg		0.1 U					
2,3,7,8-Tetra-chlorodibenzo-dioxin	ng/kg		0.1 U					
2,3,7,8-Tetrachlorodibenzofuran	ng/kg		0.1 U					
Octachlorodibenzodioxin	ng/kg		0.478 J					
Octachlorodibenzofuran	ng/kg		0.1 U					
TEQ (1/2 DL) Avian	ng/kg		0.234					
TEQ (1/2 DL) Mammalian	ng/kg		0.169					
Total heptachlorodibenzodioxins	ng/kg		0.1 U					
Total heptachlorodibenzofurans	ng/kg		0.1 U					
Total hexachlorodibenzodioxins	ng/kg		0.1 U					
Total hexachlorodibenzofurans	ng/kg		0.1 U					
Total pentachlorodibenzodioxins	ng/kg		0.1 U					
Total pentachlorodibenzofurans	ng/kg		0.1 U					
Total tetrachlorodibenzodioxins	ng/kg		0.1 U					
Total tetrachlorodibenzofurans	ng/kg		0.1 U					

Table I-12. 2000 and 2002 Wetland Soils (0 - 15 cm)

Analyte	Units	Date Station Depth (cm)	8/11/00 S383 000-015	8/11/00 S384 000-015	8/11/00 S385 000-015	8/11/00 S386 000-015	8/12/00 S375 000-015	8/12/00 S376 000-015	8/12/00 S377 000-015
Conventional Analytes									
Total organic carbon	%-dw		11	28	18 M	7.8	27	15	15
Total solids	%-ww		56	39	53 M	60	22	35	40
Percent clay	%-ww		5.0	4.0	6.5 M	5.0	11	11	7.0
Percent sand	%-ww		80	86	71 M	78	57	50	52
Percent silt	%-ww		15	10	23 M	17	32	39	41
Metals									
Aluminum	mg/kg		4,920	3,510	5,245 M	5,410	7,840	6,540	3,950
Antimony	mg/kg		0.6 J	0.6 J	1.1 M	0.3 UJ	0.9 U	0.5 U	0.6
Arsenic	mg/kg		6.8	4.9	8.6 M	7.8	3.5	4.0	2.7
Barium	mg/kg		273 J	176 J	390 M	369 J	122	176	114
Beryllium	mg/kg		0.5	0.6	0.5 M	0.5	0.6	0.4	0.3
Cadmium	mg/kg		1.3	0.8	2.3 M	0.7	14	1.9	2.9
Calcium	mg/kg		218,000	152,000	196,500 M	231,000	99,000	198,000	264,000
Chromium	mg/kg		43	34	55 M	40	154	41	48
Cobalt	mg/kg		5.0	3.1	4.6 M	4.6	3.9	5.6	2.0
Copper	mg/kg		53	45	74 M	167	120	67	38
Cyanide	mg/kg		0.9 U	1.1 U	0.9 UM	0.9 U	2.3 U	5.4	1.3 U
Iron	mg/kg		11,700	9,040	11,750 M	9,420	11,100	14,300	6,420
Lead	mg/kg		91 J	92 J	259 M	30 J	175	81	49
Magnesium	mg/kg		7,930	5,450	7,710 M	8,810	6,780	14,200	4,250
Manganese	mg/kg		290	175	163 M	303	230	218	234
Mercury	mg/kg		11	18	25 M	4.8	3.9 J	0.5 J	0.9 J
Nickel	mg/kg		33	23	44 M	27	64	30	26
Potassium	mg/kg		832	420	941 M	882	1,740	1,290	793
Selenium	mg/kg		1.3	1.6	1.7 M	1.1	2.5	1.0 U	0.9 U
Silver	mg/kg		0.3	0.2	1.3 M	0.2	1.4	0.2	0.3
Sodium	mg/kg		1,230 J	1,300 J	1,585 M	1,400 J	3,120 J	1,640 J	1,470 J
Thallium	mg/kg		0.9 U	1.1 U	0.9 UM	0.8 U	2.2 U	1.4 U	1.2 U
Vanadium	mg/kg		11	12	13 M	13	22	17	10
Zinc	mg/kg		138	110	119 M	89	353 J	510 J	128 J
Volatile Organic Compounds									
1,1,1-Trichloroethane	µg/kg		9.2 U	15 UJ	9.8 UM	8.3 U			
1,1,2,2-Tetrachloroethane	µg/kg		9.2 U	15 UJ	9.8 UM	8.3 U			
1,1,2-Trichloroethane	µg/kg		9.2 U	15 UJ	9.8 UM	8.3 U			
1,1-Dichloroethane	µg/kg		9.2 U	15 UJ	9.8 UM	8.3 U			
1,1-Dichloroethene	µg/kg		9.2 U	15 UJ	9.8 UM	8.3 U			
1,2-Dichloroethane	µg/kg		9.2 U	15 UJ	9.8 UM	8.3 U			
1,2-Dichloropropane	µg/kg		9.2 U	15 UJ	9.8 UM	8.3 U			
2-Butanone	µg/kg		5.7	4.2 J	20 UM	5.5			
2-Hexanone	µg/kg		18 U	30 UJ	20 UM	17 U			
4-Methyl-2-pentanone	µg/kg		18 U	30 UJ	20 UM	17 U			
Acetone	µg/kg		20 U	63 UJ	30 UM	46 U			

Table I-12. (cont.)

Analyte	Units	Date Station Depth (cm)	8/11/00 S383 000-015	8/11/00 S384 000-015	8/11/00 S385 000-015	8/11/00 S386 000-015	8/12/00 S375 000-015	8/12/00 S376 000-015	8/12/00 S377 000-015
Benzene	µg/kg		3.9	60 J	4.7 M	8.3 U			
Bromodichloromethane	µg/kg		9.2 U	15 UJ	9.8 UM	8.3 U			
Bromoform	µg/kg		9.2 U	15 UJ	9.8 UM	8.3 U			
Bromomethane	µg/kg		9.2 U	15 UJ	9.8 UM	8.3 U			
Carbon disulfide	µg/kg		18 U	30 UJ	20 UM	17 U			
Carbon Tetrachloride	µg/kg		9.2 U	15 UJ	9.8 UM	8.3 U			
Chlorobenzene	µg/kg		110	600	77 M	10 J			
Chloroethane	µg/kg		9.2 U	15 UJ	9.8 UM	8.3 U			
Chloroform	µg/kg		9.2 U	15 UJ	9.8 UM	8.3 U			
Chloromethane	µg/kg		9.2 U	15 UJ	9.8 UM	8.3 U			
Cis-1,2-dichloroethene	µg/kg		9.2 U	15 UJ	9.8 UM	8.3 U			
Cis-1,3-dichloropropene	µg/kg		9.2 U	15 UJ	9.8 UM	8.3 U			
Dibromochloromethane	µg/kg		9.2 U	15 UJ	9.8 UM	8.3 U			
Ethylbenzene	µg/kg		7.0	24 J	7.1 M	8.3 U			
Methylene chloride	µg/kg		9.2 U	15 UJ	9.8 UM	8.3 U			
Styrene	µg/kg		9.2 U	15 UJ	5.7 M	8.3 U			
Tetrachloroethene	µg/kg		9.2 U	15 UJ	9.8 UM	8.3 U			
Toluene	µg/kg		9.2 U	39 UJ	9.8 UM	8.3 U			
trans-1,2-Dichloroethene	µg/kg		9.2 U	15 UJ	9.8 UM	8.3 U			
Trans-1,3-dichloropropene	µg/kg		9.2 U	15 UJ	9.8 UM	8.3 U			
Trichloroethene	µg/kg		9.2 U	15 UJ	9.8 UM	8.3 U			
Vinyl chloride	µg/kg		9.2 U	15 UJ	9.8 UM	8.3 U			
Xylene (m,p)	µg/kg		9.2 U	36 UJ	9.8 UM	8.3 U			
Xylene (o)	µg/kg		9.2 U	15 UJ	9.8 UM	8.3 U			
Semivolatile Organic Compounds	µg/kg								
1,2,4-Trichlorobenzene	µg/kg		1,400	3,200	6,550 M	200 J	130 U	74 U	87 U
1,2-Dichlorobenzene	µg/kg		2,100	4,900	4,400 M	610 J	130 U	74 U	87 U
1,3-Dichlorobenzene	µg/kg		410	830 U	1,380 M	62 J	130 U	74 U	87 U
1,4-Dichlorobenzene	µg/kg		4,500	9,800	7,950 M	920 J	130 U	74 U	87 U
2,2'-Oxybis(1-chloropropane)	µg/kg		120 U	830 U	290 UM	54 UJ	130 U	74 U	87 U
2,4,5-Trichlorophenol	µg/kg		590 U	4,300 U	1,500 UM	280 UJ	670 U	380 U	450 U
2,4,6-Trichlorophenol	µg/kg		590 U	4,300 U	1,500 UM	280 UJ	670 U	380 U	450 U
2,4-Dichlorophenol	µg/kg		590 U	4,300 U	1,500 UM	280 UJ	670 U	380 U	450 U
2,4-Dimethylphenol	µg/kg		590 U	4,300 U	1,500 UM	280 UJ	670 U	380 U	450 U
2,4-Dinitrophenol	µg/kg		3,000 U	21,000 U	7,500 UM	1,400 UJ	3,400 UJ	1,900 UJ	2,200 UJ
2,4-Dinitrotoluene	µg/kg		590 U	4,300 U	1,500 UM	280 UJ	670 U	380 U	450 U
2,6-Dinitrotoluene	µg/kg		590 U	4,300 U	1,500 UM	280 UJ	670 U	380 U	450 U
2-Chloronaphthalene	µg/kg		120 U	830 U	290 UM	54 UJ	130 U	74 U	87 U
2-Chlorophenol	µg/kg		120 U	830 U	290 UM	54 UJ	130 U	74 U	87 U
2-Methyl-4,6-dinitrophenol	µg/kg		3,000 U	21,000 U	7,500 UM	1,400 UJ	3,400 U	1,900 U	2,200 U
2-Methylnaphthalene	µg/kg		330	1,300	415 M	54 UJ	130 U	74 U	87 U
2-Methylphenol	µg/kg		120 U	830 U	290 UM	54 UJ	130 U	74 U	87 U
2-Nitroaniline	µg/kg		230 U	1,700 U	590 UM	110 UJ	260 U	150 U	180 U

Table I-12. (cont.)

Analyte	Units	Date Station Depth (cm)	8/11/00 S383 000-015	8/11/00 S384 000-015	8/11/00 S385 000-015	8/11/00 S386 000-015	8/12/00 S375 000-015	8/12/00 S376 000-015	8/12/00 S377 000-015
2-Nitrophenol	µg/kg		590 U	4,300 U	1,500 UM	280 UJ	670 U	380 U	450 U
3,3-Dichlorobenzidine	µg/kg		120 UJ	830 UJ	290 UM	54 UJ	130 UJ	74 UJ	87 UJ
3-Nitroaniline	µg/kg		3,000 U	21,000 U	7,500 UM	1,400 UJ	3,400 U	1,900 U	2,200 U
4-Bromophenyl-phenyl ether	µg/kg		120 U	830 U	290 UM	54 UJ	130 U	74 U	87 U
4-Chloro-3-methylphenol	µg/kg		590 U	4,300 U	1,500 UM	280 UJ	670 U	380 U	450 U
4-Chloroaniline	µg/kg		120 UJ	830 UJ	290 UM	54 UJ	130 UJ	74 UJ	87 UJ
4-Chlorophenyl-phenyl ether	µg/kg		120 U	830 U	290 UM	54 UJ	130 U	74 U	87 U
4-Methylphenol	µg/kg		130	830 U	578 M	54 UJ	130 U	74 U	87 U
4-Nitroaniline	µg/kg		3,000 U	21,000 U	7,500 UM	1,400 UJ	3,400 U	1,900 U	2,200 U
4-Nitrophenol	µg/kg		3,000 U	21,000 U	7,500 UM	1,400 UJ	3,400 U	1,900 U	2,200 U
Acenaphthene	µg/kg		340	2,500	233 M	54 UJ	130 U	74 U	87 U
Acenaphthylene	µg/kg		630	1,900	1,255 M	170 J	130 U	74 U	87 U
Anthracene	µg/kg		2,400	10,000	1,468 M	300 J	130 U	74 U	87 U
Benz(a)anthracene	µg/kg		2,800	14,000	2,300 M	160 J	220	130	130
Benzo(a)pyrene	µg/kg		3,000	13,000	3,100 M	180 J	250	160	140
Benzo(b)fluoranthene	µg/kg		2,900	11,000	3,500 M	220 J	190	180	110
Benzo(g,h,i)perylene	µg/kg		1,900	6,800	1,800 M	160 J	210	170	110
Benzo(k)fluoranthene	µg/kg		2,700	10,000	3,400 M	200 J	170	150	120
Benzyl Alcohol	µg/kg		590 U	4,300 U	1,500 UM	280 UJ	670 U	380 U	450 U
Bis(2-chloroethoxy)methane	µg/kg		120 U	830 U	290 UM	54 UJ	130 U	74 U	87 U
Bis(2-chloroethyl)ether	µg/kg		120 U	830 U	290 UM	54 UJ	130 U	74 U	87 U
Bis(2-ethylhexyl)phthalate	µg/kg		890 J	1,800 J	373 M	1,800 J	180 U	220 U	87 U
Butylbenzylphthalate	µg/kg		120 U	830 U	290 UM	54 UJ	130 U	74 U	87 U
Carbazole	µg/kg		450	2,600	428 M	54 UJ	130 U	74 U	87 U
Chrysene	µg/kg		3,700	15,000	3,350 M	230 J	280	180	150
Dibenz(a,h)anthracene	µg/kg		800	3,100	543 M	66 J	130 U	74 U	87 U
Dibenzofuran	µg/kg		280	1,900	290 UM	54 UJ	130 U	74 U	87 U
Diethylphthalate	µg/kg		120 U	830 U	290 UM	54 UJ	130 U	74 U	87 U
Dimethylphthalate	µg/kg		120 U	830 U	290 UM	54 UJ	130 U	74 U	87 U
Di-n-butylphthalate	µg/kg		120 U	830 U	290 UM	54 UJ	130 U	74 U	87 U
Di-n-octylphthalate	µg/kg		120 U	830 U	290 UM	54 UJ	130 U	74 U	87 U
Fluoranthene	µg/kg		7,800	33,000	7,300 M	330 J	420	240	250
Fluorene	µg/kg		410	2,700	248 M	54 UJ	130 U	74 U	87 U
Hexachlorobenzene	µg/kg		1,385	1,040	5,355 M	106	130 U	74 U	1.1 U
Hexachlorobutadiene	µg/kg		120 U	830 U	290 UM	54 UJ	130 U	74 U	87 U
Hexachlorocyclopentadiene	µg/kg		590 U	4,300 U	1,500 UM	280 UJ	670 UJ	380 UJ	450 UJ
Hexachloroethane	µg/kg		120 U	830 U	290 UM	54 UJ	130 U	74 U	87 U
Indeno(1,2,3-cd)pyrene	µg/kg		1,800	7,100	1,850 M	120 J	170	120	90
Isophorone	µg/kg		120 U	830 U	290 UM	54 UJ	130 U	74 U	87 U
Naphthalene	µg/kg		2,000	5,000	2,650 M	340 J	130 U	74 U	87 U
Nitrobenzene	µg/kg		120 U	830 U	290 UM	54 UJ	130 U	74 U	87 U
N-Nitrosodimethylamine	µg/kg		590 U	4,300 U	1,500 UM	280 UJ	670 U	380 U	450 U
N-nitroso-di-n-propylamine	µg/kg		120 U	830 U	290 UM	54 UJ	130 U	74 U	87 U

Table I-12. (cont.)

Analyte	Units	Date / Station / Depth (cm)	8/11/00 S383 000-015	8/11/00 S384 000-015	8/11/00 S385 000-015	8/11/00 S386 000-015	8/12/00 S375 000-015	8/12/00 S376 000-015	8/12/00 S377 000-015
N-Nitrosodiphenylamine(1)	µg/kg		120 U	830 U	290 UM	54 UJ	130 U	74 U	87 U
Pentachlorophenol	µg/kg		3,000 U	21,000 U	7,500 UM	1,400 UJ	3,400 U	1,900 U	2,200 U
Phenanthrene	µg/kg		3,700	22,000	4,400 M	190 J	210	110	180
Phenol	µg/kg		530	830 U	2,825 M	89 J	130 U	74 U	87 U
Pyrene	µg/kg		5,600	26,000	5,550 M	310	450	260	250
Pesticides and PCBs	µg/kg								
4,4'-DDD	µg/kg		1.1 UJ	1.1 UJ	1.1 UM	1.0 UJ	1.1 UJ	1.1 UR	1.1 UJ
4,4'-DDE	µg/kg		10.0 R	16 R	17 M	4.9 J	1.1 UJ	1.1 UJ	1.1 UJ
4,4'-DDT	µg/kg		51 J	44 J	39 M	5.7 R	1.7 J	2.3 J	1.5 J
Aldrin	µg/kg		21 J	45 J	28 M	5.4 UJ	1.1 U	1.1 UJ	1.1 U
alpha-BHC	µg/kg		2.3 R	2.5 J	1.1 UM	1.0 UJ	1.1 UJ	1.1 UJ	1.1 UJ
alpha-Chlordane	µg/kg		5.5 J	11 J	1.1 UM	1.0 UJ	1.1 UJ	1.1 UJ	1.1 UJ
Aroclor-1016	µg/kg		53 U	54 U	54 UM	53 U	54 U	54 U	54 U
Aroclor-1221	µg/kg		53 U	54 U	54 UM	53 U	54 U	54 U	54 U
Aroclor-1232	µg/kg		53 U	54 U	54 UM	53 U	54 U	54 U	54 U
Aroclor-1242	µg/kg		308 J	541 J	279 M	49 J	54 U	54 U	54 U
Aroclor-1248	µg/kg		53 U	54 U	54 UM	53 U	54 U	54 U	54 U
Aroclor-1254	µg/kg		483 J	372 J	446 M	53 U	36 J	28 J	17 J
Aroclor-1260	µg/kg		190 J	158 J	141 M	576 J	26 J	54 U	12 J
Aroclor-1268	µg/kg		53 U	54 U	54 UM	53 U	54 U	54 U	54 U
beta-BHC	µg/kg		1.1 UJ	1.1 UJ	5.6 M	1.7 J	1.1 UJ	1.1 UR	1.1 UJ
Chlordane (Sum)	µg/kg		17	30	1.1 UM	4.5	1.1 U	1.1 U	1.1 U
delta-BHC	µg/kg		1.8 J	5.4 R	3.1 M	2.8 J	1.1 UR	1.1 UR	1.1 UR
Dieldrin	µg/kg		20 J	22 J	24 M	4.1 J	1.1 UJ	1.1 UJ	1.1 UJ
Endosulfan I	µg/kg		1.1 UJ	11 J	8.8 M	1.0 UJ	1.1 UJ	1.1 UJ	1.1 UJ
Endosulfan II	µg/kg		1.1 UJ	4.0 R	1.1 UM	1.0 UJ	1.1 UJ	1.1 UR	1.1 UJ
Endosulfan sulfate	µg/kg		1.9 R	10 R	RM	3.1 R	1.1 UR	1.1 UR	1.1 UR
Endrin aldehyde	µg/kg		9.6 R	4.6 R	1.1 UM	1.0 UJ	1.1 UJ	1.1 UJ	1.1 UJ
Endrin ketone	µg/kg		1.1 UJ	17 J	3.2 M	1.0 UJ	1.1 UJ	1.1 UJ	1.1 UJ
Endrin	µg/kg		1.1 UJ	1.1 UJ	1.1 UM	1.0 U	1.1 UJ	1.1 UJ	1.1 UJ
gamma-BHC (Lindane)	µg/kg		1.1 UJ	6.3 J	1.4 M	1.3 J	1.1 UJ	1.1 UR	1.1 UJ
gamma-Chlordane	µg/kg		11 J	19 J	RM	4.5 J	1.1 UJ	1.1 UJ	1.1 UJ
Heptachlor epoxide	µg/kg		15 J	1.1 UJ	7.5 M	3.3	1.1 UJ	1.1 UJ	1.1 UJ
Heptachlor	µg/kg		1.1 UJ	1.1 UJ	1.1 UM	1.0 U	1.1 U	1.1 UJ	1.1 U
Methoxychlor	µg/kg		1.1 UJ	1.1 UJ	1.1 UM	2.8 R	1.1 UJ	1.1 UJ	1.1 UJ
PCBs (Sum)	µg/kg		981	1,071	866 M	625	61	55	28
Toxaphene	µg/kg		105 UJ	108 UJ	108 UM	101 UJ	108 UJ	108 UJ	107 UJ
Dioxins/Furans									
1,2,3,4,6,7,8-Heptachlorodibenzodioxin	ng/kg		408	561	1,615 M	71	159	85	54
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg		151	216	337 M	53	64	21	19
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg		44	64	75 M	24	3.0 J	1.6 J	1.1 J
1,2,3,4,7,8-Hexachlorodibenzodioxin	ng/kg		41	71	298 M	8.0	3.7 J	1.8 J	1.1 J
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg		214	332	464 M	72	7.7	2.7	2.7

Table I-12. (cont.)

Analyte	Units	Date Station Depth (cm)	8/11/00 S383 000-015	8/11/00 S384 000-015	8/11/00 S385 000-015	8/11/00 S386 000-015	8/12/00 S375 000-015	8/12/00 S376 000-015	8/12/00 S377 000-015
1,2,3,6,7,8-Hexachlorodibenzodioxin	ng/kg		110	177	652 M	21	13	5.7	4.2
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg		67	99	133 M	16	4.7 J	1.7 J	1.6 J
1,2,3,7,8,9-Hexachlorodibenzodioxin	ng/kg		57	96	340 M	15	10	4.9	3.5
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg		6.1	9.1	11 M	2.5	1.5 U	0.4 U	0.5 U
1,2,3,7,8-Pentachlorodibenzodioxin	ng/kg		56	102	348 M	11	4.8	1.9 J	1.4
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg		138	224	475 M	52	5.2 J	1.5	1.8
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg		22	33	43 M	8.1	5.8	2.3 J	1.9 J
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg		243	477	711 M	156	8.4	2.5	2.6
2,3,7,8-Tetra-chlorodibenzo-dioxin	ng/kg		9.5	17	56 M	2.6	2.3	0.8 J	0.6 J
2,3,7,8-Tetrachlorodibenzofuran	ng/kg		281	442	879 M	137	14	3.8	5.0
Octachlorodibenzodioxin	ng/kg		1,470	1,720	2,360 M	250	984	510	331
Octachlorodibenzofuran	ng/kg		303	481	704 M	207	97	37	25
TEQ (1/2 DL) Avian	ng/kg		645	1,126	2,168 M	325	34	11	11
TEQ (1/2 DL) Mammalian	ng/kg		280	503	1,086 M	124	20	7.5	6.2
Total heptachlorodibenzodioxins	ng/kg		697	968	2,785 M	129	303	161	103
Total heptachlorodibenzofurans	ng/kg		300	430	629 M	121	126	46	38
Total hexachlorodibenzodioxins	ng/kg		609	1,010	4,030 M	126	125	47	38
Total hexachlorodibenzofurans	ng/kg		545	827	1,185 M	188	90	33	26
Total pentachlorodibenzodioxins	ng/kg		493	935	3,450 M	66	24	9.3	10
Total pentachlorodibenzofurans	ng/kg		1,080	1,910	3,105 M	605	121	23	36
Total tetrachlorodibenzodioxins	ng/kg		467	824	3,455 M	108	38	18	12
Total tetrachlorodibenzofurans	ng/kg		1,810	3,340	4,695 M	929	186	49	55

Table I-12. (cont.)

Analyte	Units	Date Station Depth (cm)	8/12/00 S378 000-015	8/12/00 S379 000-015	8/12/00 S380 000-015	8/12/00 S381 000-015	8/12/00 S382 000-015	8/12/00 S387 000-015	8/12/00 S388 000-015	8/13/00 S389 000-015
Conventional Analytes										
Total organic carbon	%-dw		11	11	11	26	7.5	6.7	7.4	7.0
Total solids	%-ww		28	45	42	53	63	82	78	68
Percent clay	%-ww		7.0	18	4.0	11	11	1.0	6.0	7.0
Percent sand	%-ww		56	16	53	23	19	94	48	83
Percent silt	%-ww		37	66	43	66	70	5.0	46	10
Metals										
Aluminum	mg/kg		4,250	12,400	2,840	9,000	4,320	2,610	3,500	7,090
Antimony	mg/kg		0.7 U	0.5	0.5 U	0.4 U	0.3 U	0.3 U	0.3 J	0.6 J
Arsenic	mg/kg		1.8	18	2.0	4.3	3.4	1.6	3.0	3.7
Barium	mg/kg		129	99	157	84	80	67	143 J	152
Beryllium	mg/kg		0.3	1.2	0.3	0.5	0.3	0.3	0.3	0.4
Cadmium	mg/kg		0.7	0.6	0.9	0.2	0.2	2.7	8.8	8.8
Calcium	mg/kg		331,000	122,000	335,000	108,000	242,000	142,000	148,000	110,000
Chromium	mg/kg		16	47	27	23	13	49	88	115 J
Cobalt	mg/kg		3.0	8.5	2.8	5.6	2.8	1.8	3.8	4.7
Copper	mg/kg		19	49	26	38	25	19	74	88
Cyanide	mg/kg		1.8 U	1.1 U	1.4 U	1.0 U	0.8 U	0.7 U	0.6 U	0.8 U
Iron	mg/kg		9,430	21,600	6,320	16,900	8,070	6,830	9,190	11,800
Lead	mg/kg		18	115	59	37	25	23	112 J	116 J
Magnesium	mg/kg		4,750	10,700	5,700	14,300	6,450	15,600	7,070	17,000
Manganese	mg/kg		242	294	328	488	264	254	242	284 J
Mercury	mg/kg		0.2 J	1.8 J	3.4 J	2.1 J	1.2 J	5.4E-02 J	1.5 J	1.1
Nickel	mg/kg		16	34	15	19	12	13	24	32
Potassium	mg/kg		687	2,120	583	2,160	1,090	504	930	1,880
Selenium	mg/kg		1.3 U	1.8	1.0 U	0.7 U	0.6 U	0.5 U	0.9	0.6 U
Silver	mg/kg		0.3 U	0.2 U	0.2 U	0.1 U	0.1 U	0.2	1.8	2.7
Sodium	mg/kg		2,260 J	2,180 J	1,680 J	682 J	3,420 J	332 J	366 J	502 J
Thallium	mg/kg		1.7 U	2.5	2.1	0.9 U	1.0	0.7 U	0.6 U	0.8 U
Vanadium	mg/kg		7.5	31	6.4	17	8.7	5.1	8.7	16 J
Zinc	mg/kg		108 J	119 J	82 J	118 J	71 J	81 J	241	224
Volatile Organic Compounds										
1,1,1-Trichloroethane	µg/kg			11 UJ	10 U	9.4 UJ	7.8 U	5.6 U	6.4 U	6.9 U
1,1,2,2-Tetrachloroethane	µg/kg			11 UJ	10 U	9.4 UJ	7.8 U	5.6 U	6.4 U	6.9 U
1,1,2-Trichloroethane	µg/kg			11 UJ	10 U	9.4 UJ	7.8 U	5.6 U	6.4 U	6.9 U
1,1-Dichloroethane	µg/kg			11 UJ	10 U	9.4 UJ	7.8 U	5.6 U	6.4 U	6.9 U
1,1-Dichloroethene	µg/kg			11 UJ	10 U	9.4 UJ	7.8 U	5.6 U	6.4 U	6.9 U
1,2-Dichloroethane	µg/kg			11 UJ	10 U	9.4 UJ	7.8 U	5.6 U	6.4 U	6.9 U
1,2-Dichloropropane	µg/kg			11 UJ	10 U	9.4 UJ	7.8 U	5.6 U	6.4 U	6.9 U
2-Butanone	µg/kg			23 UJ	20 U	19 UJ	16 U	11 U	13 U	14 U
2-Hexanone	µg/kg			23 UJ	20 U	19 UJ	16 U	11 U	13 U	14 U
4-Methyl-2-pentanone	µg/kg			23 UJ	20 U	19 UJ	16 U	11 U	13 U	14 U
Acetone	µg/kg			46 UJ	41 U	38 UJ	16	22 U	25 U	28 U

Table I-12. (cont.)

Analyte	Units	Date Station Depth (cm)	8/12/00 S378 000-015	8/12/00 S379 000-015	8/12/00 S380 000-015	8/12/00 S381 000-015	8/12/00 S382 000-015	8/12/00 S387 000-015	8/12/00 S388 000-015	8/13/00 S389 000-015
Benzene	µg/kg			11 UJ	10 U	9.4 UJ	7.8 U	5.6 U	6.4 U	6.9 U
Bromodichloromethane	µg/kg			11 UJ	10 U	9.4 UJ	7.8 U	5.6 U	6.4 U	6.9 U
Bromoform	µg/kg			11 UJ	10 U	9.4 UJ	7.8 U	5.6 U	6.4 U	6.9 U
Bromomethane	µg/kg			11 UJ	10 U	9.4 UJ	7.8 U	5.6 U	6.4 U	6.9 U
Carbon disulfide	µg/kg			23 UJ	20 U	19 UJ	16 U	11 U	13 U	14 U
Carbon Tetrachloride	µg/kg			11 UJ	10 U	9.4 UJ	7.8 U	5.6 U	6.4 U	6.9 U
Chlorobenzene	µg/kg			11 UJ	10 U	9.4 UJ	7.8 U	5.6 U	2.0	6.9 U
Chloroethane	µg/kg			11 UJ	10 U	9.4 UJ	7.8 U	5.6 U	6.4 U	6.9 U
Chloroform	µg/kg			11 UJ	10 U	9.4 UJ	7.8 U	5.6 U	6.4 U	6.9 U
Chloromethane	µg/kg			11 UJ	10 U	9.4 UJ	7.8 U	5.6 U	6.4 U	6.9 U
Cis-1,2-dichloroethene	µg/kg			11 UJ	10 U	9.4 UJ	7.8 U	5.6 U	6.4 U	6.9 U
Cis-1,3-dichloropropene	µg/kg			11 UJ	10 U	9.4 UJ	7.8 U	5.6 U	6.4 U	6.9 U
Dibromochloromethane	µg/kg			11 UJ	10 U	9.4 UJ	7.8 U	5.6 U	6.4 U	6.9 U
Ethylbenzene	µg/kg			11 UJ	10 U	9.4 UJ	7.8 U	5.6 U	6.4 U	6.9 U
Methylene chloride	µg/kg			11 UJ	10 U	9.4 UJ	7.8 U	5.6 U	6.4 U	2.1
Styrene	µg/kg			11 UJ	10 U	9.4 UJ	7.8 U	5.6 U	6.4 U	6.9 U
Tetrachloroethene	µg/kg			11 UJ	10 U	9.4 UJ	7.8 U	5.6 U	6.4 U	6.9 U
Toluene	µg/kg			11 UJ	10 U	9.4 UJ	7.8 U	5.6 U	1.7	6.9 U
trans-1,2-Dichloroethene	µg/kg			11 UJ	10 U	9.4 UJ	7.8 U	5.6 U	6.4 U	6.9 U
Trans-1,3-dichloropropene	µg/kg			11 UJ	10 U	9.4 UJ	7.8 U	5.6 U	6.4 U	6.9 U
Trichloroethene	µg/kg			11 UJ	10 U	9.4 UJ	7.8 U	5.6 U	6.4 U	6.9 U
Vinyl chloride	µg/kg			11 UJ	10 U	9.4 UJ	7.8 U	5.6 U	6.4 U	6.9 U
Xylene (m,p)	µg/kg			11 UJ	10 U	9.4 UJ	7.8 U	5.6 U	6.4 U	6.9 U
Xylene (o)	µg/kg			11 UJ	10 U	9.4 UJ	7.8 U	5.6 U	6.4 U	6.9 U
Semivolatile Organic Compunds	µg/kg									
1,2,4-Trichlorobenzene	µg/kg		98 U	74 U	67 U	60 U	51 U	39 U	410 U	44 U
1,2-Dichlorobenzene	µg/kg		98 U	74 U	67 U	60 U	51 U	39 U	410 U	44 U
1,3-Dichlorobenzene	µg/kg		98 U	74 U	67 U	60 U	51 U	39 U	410 U	44 U
1,4-Dichlorobenzene	µg/kg		98 U	74 U	67 U	60 U	51 U	39 U	410 U	54
2,2-oxybis(1-Chloropropane)	µg/kg		98 U	74 U	67 U	60 U	51 UJ	39 U	410 U	44 U
2,4,5-Trichlorophenol	µg/kg		500 U	380 U	340 U	310 U	260 U	200 U	2,100 U	230 U
2,4,6-Trichlorophenol	µg/kg		500 U	380 U	340 U	310 U	260 U	200 U	2,100 U	230 U
2,4-Dichlorophenol	µg/kg		500 U	380 U	340 U	310 U	260 U	200 U	2,100 U	230 U
2,4-Dimethylphenol	µg/kg		500 U	380 U	340 U	310 U	260 U	200 U	2,100 U	230 U
2,4-Dinitrophenol	µg/kg		2,500 UJ	1,900 UJ	1,700 UJ	1,500 UJ	1,300 UJ	1,000 UJ	11,000 UJ	1,100 U
2,4-Dinitrotoluene	µg/kg		500 U	380 U	340 U	310 U	260 U	200 U	2,100 U	230 U
2,6-Dinitrotoluene	µg/kg		500 U	380 U	340 U	310 U	260 U	200 U	2,100 U	230 U
2-Chloronaphthalene	µg/kg		98 U	74 U	67 U	60 U	51 U	39 U	410 U	44 U
2-Chlorophenol	µg/kg		98 U	74 U	67 U	60 U	51 U	39 U	410 U	44 U
4,6-Dinitro-2-methylphenol	µg/kg		2,500 U	1,900 U	1,700 U	1,500 U	1,300 U	1,000 U	11,000 U	1,100 U
2-Methylnaphthalene	µg/kg		98 U	74 U	67 U	60 U	51 U	39 U	410 U	44 U
2-Methylphenol	µg/kg		98 U	74 U	67 U	60 U	51 U	39 U	410 U	44 U
2-Nitroaniline	µg/kg		200 U	150 U	140 U	120 U	100 U	79 U	840 U	90 U

Table I-12. (cont.)

Analyte	Units	Date Station Depth (cm)	8/12/00 S378 000-015	8/12/00 S379 000-015	8/12/00 S380 000-015	8/12/00 S381 000-015	8/12/00 S382 000-015	8/12/00 S387 000-015	8/12/00 S388 000-015	8/13/00 S389 000-015
2-Nitrophenol	µg/kg		500 U	380 U	340 U	310 U	260 U	200 U	2,100 U	230 U
3,3-Dichlorobenzidine	µg/kg		98 UJ	74 UJ	67 UJ	60 UJ	51 U	39 UJ	410 UJ	44 U
3-Nitroaniline	µg/kg		2,500 U	1,900 U	1,700 U	1,500 U	1,300 U	1,000 U	11,000 U	1,100 U
4-Bromophenyl-phenylether	µg/kg		98 U	74 U	67 U	60 U	51 U	39 U	410 U	44 U
4-Chloro-3-Methylphenol	µg/kg		500 U	380 U	340 U	310 U	260 U	200 U	2,100 U	230 U
4-Chloroaniline	µg/kg		98 UJ	74 UJ	67 UJ	60 UJ	51 UJ	39 UJ	410 UJ	44 U
4-Chlorophenyl-phenylether	µg/kg		98 U	74 U	67 U	60 U	51 U	39 U	410 U	44 U
4-Methylphenol	µg/kg		98 U	74 U	67 U	60 U	51 U	39 U	410 U	44 U
4-Nitroaniline	µg/kg		2,500 U	1,900 U	1,700 U	1,500 U	1,300 U	1,000 U	11,000 U	1,100 U
4-Nitrophenol	µg/kg		2,500 U	1,900 U	1,700 U	1,500 U	1,300 U	1,000 U	11,000 U	1,100 U
Acenaphthene	µg/kg		98 U	74 U	81	60 U	51 U	39 U	410 U	44 U
Acenaphthylene	µg/kg		98 U	74 U	67 U	60 U	51 U	39 U	590	80
Anthracene	µg/kg		98 U	74 U	200	60 U	51 U	39 U	780	120
Benz(a)anthracene	µg/kg		98 U	130	1,700	160	51 U	39 U	1,800	340
Benzo(a)pyrene	µg/kg		98 U	130	1,800	200	51 U	39 U	2,000	360
Benzo(b)fluoranthene	µg/kg		98 U	120	1,500	200	51 U	39 U	1,400	320
Benzo(g,h,i)perylene	µg/kg		98 U	74 U	970	160	51 U	39 U	910	260
Benzo(k)fluoranthene	µg/kg		98 U	120	1,500	200	51 U	39 U	1,700	340
Benzyl Alcohol	µg/kg		500 U	380 U	340 U	310 U	260 U	200 U	2,100 U	230 U
bis(2-Chloroethoxy)methane	µg/kg		98 U	74 U	67 U	60 U	51 U	39 U	410 U	44 U
bis(2-Chloroethyl)Ether	µg/kg		98 U	74 U	67 U	60 U	51 U	39 U	410 U	44 U
bis(2-Ethylhexyl)phthalate	µg/kg		98 U	80 U	76 U	110 U	73 U	71 U	410 U	470
Butylbenzylphthalate	µg/kg		98 U	74 U	67 U	60 U	51 U	39 U	410 U	44 U
Carbazole	µg/kg		98 U	74 U	170	60 U	51 U	39 U	410 U	44 U
Chrysene	µg/kg		98 U	160	2,000	220	100	39 U	2,000	400
Dibenz(a,h)anthracene	µg/kg		98 U	74 U	480	60 U	51 U	39 U	410 U	90
Dibenzofuran	µg/kg		98 U	74 U	67 U	60 U	51 U	39 U	410 U	44 U
Diethylphthalate	µg/kg		98 U	74 U	67 U	60 U	51 U	39 U	410 U	44 U
Dimethylphthalate	µg/kg		98 U	74 U	67 U	60 U	51 U	39 U	410 U	44 U
Di-n-butylphthalate	µg/kg		98 U	74 U	67 U	60 U	51 U	39 U	410 U	44 U
Di-n-octylphthalate	µg/kg		98 U	74 U	67 U	60 U	51 U	39 U	410 U	44 U
Fluoranthene	µg/kg		98 U	230	2,200	290	120	39 U	3,200	730
Fluorene	µg/kg		98 U	74 U	71	60 U	51 U	39 U	410 U	44 U
Hexachlorobenzene	µg/kg		1.1 U	7.3	32	31	35	2.7	31	3.5
Hexachlorobutadiene	µg/kg		98 U	74 U	67 U	60 U	51 U	39 U	410 U	44 U
Hexachlorocyclopentadiene	µg/kg		500 UJ	380 UJ	340 UJ	310 UJ	260 UJ	200 UJ	2,100 UJ	230 U
Hexachloroethane	µg/kg		98 U	74 U	67 U	60 U	51 UJ	39 U	410 U	44 U
Indeno(1,2,3-cd)pyrene	µg/kg		98 U	74 U	1,100	160	51 U	39 U	1,600	190
Isophorone	µg/kg		98 U	74 U	67 U	60 U	51 U	39 U	410 U	44 U
Naphthalene	µg/kg		98 U	74 U	67 U	60 U	51 U	39 U	410 U	44 U
Nitrobenzene	µg/kg		98 U	74 U	67 U	60 U	51 U	39 U	410 U	44 U
N-Nitrosodimethylamine	µg/kg		500 U	380 U	340 U	310 U	260 U	200 U	2,100 U	230 U
N-Nitroso-di-n-propylamine	µg/kg		98 U	74 U	67 U	60 U	51 U	39 U	410 U	44 U

Table I-12. (cont.)

Analyte	Units	Date Station Depth (cm)	8/12/00 S378 000-015	8/12/00 S379 000-015	8/12/00 S380 000-015	8/12/00 S381 000-015	8/12/00 S382 000-015	8/12/00 S387 000-015	8/12/00 S388 000-015	8/13/00 S389 000-015
N-Nitrosodiphenylamine (1)	µg/kg		98 U	74 U	67 U	60 U	51 U	39 U	410 U	44 U
Pentachlorophenol	µg/kg		2,500 U	1,900 U	1,700 U	1,500 U	1,300 U	1,000 U	11,000 U	1,100 U
Phenanthrene	µg/kg		98 U	120	1,000	150	65	39 U	1,900	240
Phenol	µg/kg		98 U	74 U	67 U	60 U	51 U	39 U	410 U	44 U
Pyrene	µg/kg		98	260	2,600	290	120	39	2,600	630
Pesticides and PCBs	µg/kg									
4,4'-DDD	µg/kg		1.1 UJ	1.0 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	2.0 J
4,4'-DDE	µg/kg		1.2 R	1.0 UJ	1.1 UJ	1.1 UJ	1.1 UJ	2.6 J	1.3 J	6.6 R
4,4'-DDT	µg/kg		1.1 UR	1.2 J	1.1 UJ	3.5 J	1.4 J	2.1 J	3.9 J	5.8 J
Aldrin	µg/kg		1.1 U	1.0 UJ	1.1 UJ	1.1 U	1.1 U	1.1 U	1.1 U	1.1 R
alpha-BHC	µg/kg		1.1 UJ	1.0 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ
alpha-Chlordane	µg/kg		1.1 UJ	1.0 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	3.0 J
Aroclor-1016	µg/kg		54 U	52 U	53 U	53 U	55 U	54 U	54 UJ	52 U
Aroclor-1221	µg/kg		54 U	52 U	53 U	53 U	55 U	54 U	54 UJ	52 U
Aroclor-1232	µg/kg		54 U	52 U	53 U	53 U	55 U	54 U	54 UJ	52 U
Aroclor-1242	µg/kg		54 U	52 U	17 J	53 U	55 U	16 J	66 J	18 J
Aroclor-1248	µg/kg		54 U	52 U	53 U	53 U	55 U	54 U	54 UJ	52 U
Aroclor-1254	µg/kg		17 J	14 J	18 J	53 U	55 U	42 J	127 J	100 J
Aroclor-1260	µg/kg		54 U	52 U	14 J	134 J	55 J	30 J	95 J	144 J
Aroclor-1268	µg/kg		54 U	52 U	53 U	53 U	55 U	54 U	54 UJ	52 U
beta-BHC	µg/kg		1.1 UJ	1.0 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ
Chlordane (Sum)	µg/kg		1.1 U	1.0 U	1.1 U	1.1 U	1.1 U	1.1 U	2.3	8.5
delta-BHC	µg/kg		1.1 UR	1.0 UR	1.1 UR	1.1 UR	1.1 UR	1.1 UR	1.1 UR	1.1 R
Dieldrin	µg/kg		1.1 UJ	1.0 UJ	1.1 UJ	1.1 UJ	1.1 UJ	2.6 J	5.0 J	3.2 J
Endosulfan I	µg/kg		1.1 UJ	1.0 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ
Endosulfan II	µg/kg		1.1 UJ	1.0 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UR
Endosulfan sulfate	µg/kg		1.1 UR	1.2 R	1.1 UR	1.1 UR	1.1 UR	1.1 UR	1.6 R	1.1 UR
Endrin aldehyde	µg/kg		1.1 UJ	1.0 UJ	1.1 UJ	1.1 UJ	1.1 UJ	2.1 J	1.1 UJ	1.1 UJ
Endrin ketone	µg/kg		1.1 UJ	1.0 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ
Endrin	µg/kg		1.1 UJ	1.0 UJ	1.5 R	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ
gamma-BHC (Lindane)	µg/kg		1.1 UJ	1.0 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ
gamma-Chlordane	µg/kg		1.1 UJ	1.0 U	1.1 U	1.1 UJ	1.1 UJ	2.1 R	2.3 J	5.5 J
Heptachlor epoxide	µg/kg		1.1 UJ	1.0 U	2.2 J	1.1 UJ	1.1 UJ	2.2 J	3.6 R	5.0 J
Heptachlor	µg/kg		1.1 U	1.0 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Methoxychlor	µg/kg		1.1 UJ	1.0 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ
PCBs (Sum)	µg/kg		45	40	49	161	82	88	288	262
Toxaphene	µg/kg		108 UJ	104 UJ	105 UJ	107 UJ	109 UJ	107 UJ	109 UJ	105 UJ
Dioxins/Furans										
1,2,3,4,6,7,8-Heptachlorodibenzodioxin	ng/kg		17	45	21	51	29			
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg		5.3	33	11	20	17			
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg		0.4 J	3.3	3.6	4.8	6.4			
1,2,3,4,7,8-Hexachlorodibenzodioxin	ng/kg		0.3 J	0.6 J	0.4 J	0.7 J	0.3 J			
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg		0.6 J	4.5	9.2	6.4	14			

Table I-12. (cont.)

Analyte	Units	Date Station Depth (cm)	8/12/00 S378 000-015	8/12/00 S379 000-015	8/12/00 S380 000-015	8/12/00 S381 000-015	8/12/00 S382 000-015	8/12/00 S387 000-015	8/12/00 S388 000-015	8/13/00 S389 000-015
1,2,3,6,7,8-Hexachlorodibenzodioxin	ng/kg		0.9 J	2.9	1.4 J	2.5	1.5 J			
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg		0.6 J	2.0 J	2.9	2.7	3.7			
1,2,3,7,8,9-Hexachlorodibenzodioxin	ng/kg		0.9 J	1.9 J	1.2 J	1.9 J	1.0 J			
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg		0.2 U	0.7 U	0.2 U	0.3 U	0.4 U			
1,2,3,7,8-Pentachlorodibenzodioxin	ng/kg		0.4 J	0.6 J	0.5 U	0.6 U	0.3 U			
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg		0.4 J	2.4	7.0	4.2	5.9			
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg		0.7 J	2.1 J	0.9 J	0.9 J	0.9 J			
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg		0.7 J	2.2	4.4	2.7	2.5			
2,3,7,8-Tetra-chlorodibenzo-dioxin	ng/kg		0.2 J	0.3 J	0.3 J	0.4 J	0.2 J			
2,3,7,8-Tetrachlorodibenzofuran	ng/kg		1.9	5.6	18	12	10			
Octachlorodibenzodioxin	ng/kg		95	331	168	431	263			
Octachlorodibenzofuran	ng/kg		6.8 J	40	38	86	83			
TEQ (1/2 DL) Avian	ng/kg		3.6	10	25	17	16			
TEQ (1/2 DL) Mammalian	ng/kg		1.8	4.9	6.9	5.7	5.6			
Total heptachlorodibenzodioxins	ng/kg		32	87	45	102	59			
Total heptachlorodibenzofurans	ng/kg		10	70	28	56	44			
Total hexachlorodibenzodioxins	ng/kg		8.1	24	11	19	12			
Total hexachlorodibenzofurans	ng/kg		6.1	38	26	34	35			
Total pentachlorodibenzodioxins	ng/kg		1.2 J	4.1	1.8	3.3	1.4			
Total pentachlorodibenzofurans	ng/kg		8.7	28	37	31	24			
Total tetrachlorodibenzodioxins	ng/kg		4.7	9.5	13	7.3	5.1			
Total tetrachlorodibenzofurans	ng/kg		24	48	70	63	35			

Table I-12. (cont.)

Analyte	Units	Date Station Depth (cm)	8/13/00 S390 000-015	5/9/02 SYW6-10015 000-015	5/9/02 SYW6-20015 000-015	5/9/02 SYW6-30015 000-015	5/9/02 SYW6-40015 000-015	5/9/02 SYW6-50015 000-015
Conventional Analytes								
Total organic carbon	%-dw		4.8	61,200	122,000	176,000	107,000	61,900
Total solids	%-ww		83					
Percent clay	%-ww		2.0					
Percent sand	%-ww		93					
Percent silt	%-ww		5.0					
Metals								
Aluminum	mg/kg		2,410	1,780	7,700	5,310	6,610	1,550
Antimony	mg/kg		0.2 UJ	0.8 NB	0.6 UN	2.2 NB	0.4 UN	0.2 UN
Arsenic	mg/kg		1.8	0.9 B	5.9	3.4 B	1.9 B	0.5 B
Barium	mg/kg		31	107	133	114	151	78
Beryllium	mg/kg		0.2	0.2 U	0.5 B	0.5 U	0.4 B	0.1 U
Cadmium	mg/kg		0.9	2.0	2.5	5.4	0.7 B	0.5
Calcium	mg/kg		91,400	275,000	38,500	78,300	193,000	258,000
Chromium	mg/kg		12 J	31	34	89	15	11
Cobalt	mg/kg		1.5	1.8 B	6.7 B	4.9 B	3.2 B	1.5 B
Copper	mg/kg		18	18	45	72	26	9.5
Cyanide	mg/kg		0.6 U					
Iron	mg/kg		7,230	3,420 E	24,000 E	11,300 E	8,270 E	3,290 E
Lead	mg/kg		55 J	58 N	75 N	143 N	32 N	18 N
Magnesium	mg/kg		12,900	2,950	13,000	6,070	4,150	4,320
Manganese	mg/kg		175 J	280	406	288	287	222
Mercury	mg/kg		3.5E-02 U	1.0	0.4	4.5	0.2	0.2
Nickel	mg/kg		8.1	15	38	52	17	5.5
Potassium	mg/kg		666	372 NB	734 NB	1,030 NB	841 N	442 N
Selenium	mg/kg		0.5 U	0.9 U	1.7 U	2.1 U	1.1 U	0.4 U
Silver	mg/kg		9.1E-02 U	0.3 B	0.7 B	1.4 B	0.4 B	0.1 U
Sodium	mg/kg		242 J	964 E	1,120 E	2,380 E	1,340 E	456 E
Thallium	mg/kg		0.6 U	0.4 U	1.4 B	1.1 U	0.5 U	0.2 U
Vanadium	mg/kg		5.3 J	5.1 B	20	16	16	3.4
Zinc	mg/kg		92	76 E	165 E	195 E	60 E	34 E
Volatile Organic Compounds								
1,1,1-Trichloroethane	µg/kg		6.0 U					
1,1,2,2-Tetrachloroethane	µg/kg		6.0 U					
1,1,2-Trichloroethane	µg/kg		6.0 U					
1,1-Dichloroethane	µg/kg		6.0 U					
1,1-Dichloroethene	µg/kg		6.0 U					
1,2-Dichloroethane	µg/kg		6.0 U					
1,2-Dichloropropane	µg/kg		6.0 U					
2-Butanone	µg/kg		12 U					
2-Hexanone	µg/kg		12 U					
4-Methyl-2-pentanone	µg/kg		12 U					
Acetone	µg/kg		24 U					

Table I-12. (cont.)

Analyte	Units	Date / Station / Depth (cm)	8/13/00 S390 000-015	5/9/02 SYW6-10015 000-015	5/9/02 SYW6-20015 000-015	5/9/02 SYW6-30015 000-015	5/9/02 SYW6-40015 000-015	5/9/02 SYW6-50015 000-015
Benzene	µg/kg		6.0 U					
Bromodichloromethane	µg/kg		6.0 U					
Bromoform	µg/kg		6.0 U					
Bromomethane	µg/kg		6.0 U					
Carbon disulfide	µg/kg		12 U					
Carbon Tetrachloride	µg/kg		6.0 U					
Chlorobenzene	µg/kg		6.0 U					
Chloroethane	µg/kg		6.0 U					
Chloroform	µg/kg		6.0 U					
Chloromethane	µg/kg		6.0 U					
Cis-1,2-dichloroethene	µg/kg		6.0 U					
Cis-1,3-dichloropropene	µg/kg		6.0 U					
Dibromochloromethane	µg/kg		6.0 U					
Ethylbenzene	µg/kg		6.0 U					
Methylene chloride	µg/kg		1.3					
Styrene	µg/kg		6.0 U					
Tetrachloroethene	µg/kg		6.0 U					
Toluene	µg/kg		6.0 U					
trans-1,2-Dichloroethene	µg/kg		6.0 U					
Trans-1,3-dichloropropene	µg/kg		6.0 U					
Trichloroethene	µg/kg		6.0 U					
Vinyl chloride	µg/kg		6.0 U					
Xylene (m,p)	µg/kg		6.0 U					
Xylene (o)	µg/kg		6.0 U					
Semivolatile Organic Compunds	µg/kg							
1,2,4-Trichlorobenzene	µg/kg		40 U	740 U	1,500 U	1,900 U	950 U	420 U
1,2-Dichlorobenzene	µg/kg		40 U	740 U	1,500 U	1,900 U	950 U	420 U
1,3-Dichlorobenzene	µg/kg		40 U	740 U	1,500 U	1,900 U	950 U	420 U
1,4-Dichlorobenzene	µg/kg		40 U	740 U	1,500 U	1,900 U	950 U	420 U
2,2-oxybis(1-Chloropropane)	µg/kg		40 U	740 U	1,500 U	1,900 U	950 U	420 U
2,4,5-Trichlorophenol	µg/kg		210 U	1,500 U	3,000 U	3,900 U	1,900 U	840 U
2,4,6-Trichlorophenol	µg/kg		210 U	740 U	1,500 U	1,900 U	950 U	420 U
2,4-Dichlorophenol	µg/kg		210 U	740 U	1,500 U	1,900 U	950 U	420 U
2,4-Dimethylphenol	µg/kg		210 U	740 U	1,500 U	1,900 U	950 U	420 U
2,4-Dinitrophenol	µg/kg		1,000 UJ	1,500 U	3,000 U	3,900 U	1,900 U	840 U
2,4-Dinitrotoluene	µg/kg		210 UJ	740 U	1,500 U	1,900 U	950 U	420 U
2,6-Dinitrotoluene	µg/kg		210 U	740 U	1,500 U	1,900 U	950 U	420 U
2-Chloronaphthalene	µg/kg		40 U	740 U	1,500 U	1,900 U	950 U	420 U
2-Chlorophenol	µg/kg		40 U	740 U	1,500 U	1,900 U	950 U	420 U
4,6-Dinitro-2-methylphenol	µg/kg		1,000 UJ	1,500 U	3,000 U	3,900 U	1,900 U	840 U
2-Methylnaphthalene	µg/kg		40 U	740 U	1,500 U	1,900 U	950 U	420 U
2-Methylphenol	µg/kg		40 U	740 U	1,500 U	1,900 U	950 U	420 U
2-Nitroaniline	µg/kg		82 UJ	1,500 U	3,000 U	3,900 U	1,900 U	840 U

Table I-12. (cont.)

Analyte	Units	Date / Station / Depth (cm)	8/13/00 S390 000-015	5/9/02 SYW6-10015 000-015	5/9/02 SYW6-20015 000-015	5/9/02 SYW6-30015 000-015	5/9/02 SYW6-40015 000-015	5/9/02 SYW6-50015 000-015
2-Nitrophenol	µg/kg		210 U	740 U	1,500 U	1,900 U	950 U	420 U
3,3-Dichlorobenzidine	µg/kg		40 U	740 U	1,500 U	1,900 U	950 U	420 U
3-Nitroaniline	µg/kg		1,000 U	1,500 U	3,000 U	3,900 U	1,900 U	840 U
4-Bromophenyl-phenylether	µg/kg		40 U	740 U	1,500 U	1,900 U	950 U	420 U
4-Chloro-3-Methylphenol	µg/kg		210 U	740 U	1,500 U	1,900 U	950 U	420 U
4-Chloroaniline	µg/kg		40 U	740 U	1,500 U	1,900 U	950 U	420 U
4-Chlorophenyl-phenylether	µg/kg		40 U	740 U	1,500 U	1,900 U	950 U	420 U
4-Methylphenol	µg/kg		40 U	740 U	1,500 U	1,900 U	100 J	420 U
4-Nitroaniline	µg/kg		1,000 U	1,500 U	3,000 U	3,900 U	1,900 U	840 U
4-Nitrophenol	µg/kg		1,000 U	1,500 U	3,000 U	3,900 U	1,900 U	840 U
Acenaphthene	µg/kg		78	740 U	1,500 U	1,900 U	950 U	420 U
Acenaphthylene	µg/kg		79	740 U	1,500 U	320 J	540 J	420 U
Anthracene	µg/kg		230	100 J	1,500 U	540 J	720 J	420 U
Benz(a)anthracene	µg/kg		580	520 J	1,500 U	1,900 J	2,200	180 J
Benzo(a)pyrene	µg/kg		610	550 J	1,500 U	2,000	1,400	190 J
Benzo(b)fluoranthene	µg/kg		410	730 J	1,500 U	2,600	1,900	250 J
Benzo(g,h,i)perylene	µg/kg		340	410 J	1,500 U	1,400 J	550 J	110 J
Benzo(k)fluoranthene	µg/kg		490	260 J	1,500 U	730 J	850 J	94 J
Benzyl Alcohol	µg/kg		210 U					
bis(2-Chloroethoxy)methane	µg/kg		40 U	740 U	1,500 U	1,900 U	950 U	420 U
bis(2-Chloroethyl)Ether	µg/kg		40 U	740 U	1,500 U	1,900 U	950 U	420 U
bis(2-Ethylhexyl)phthalate	µg/kg		170 UJ	740 U	1,500 U	1,900 U	130 J	420 U
Butylbenzylphthalate	µg/kg		40 U	740 U	1,500 U	1,900 U	950 U	420 U
Carbazole	µg/kg		89	740 U	1,500 U	1,900 U	950 U	420 U
Chrysene	µg/kg		570	670 J	170 J	2,100	1,800	200 J
Dibenz(a,h)anthracene	µg/kg		130	740 U	1,500 U	1,900 U	260 J	420 U
Dibenzofuran	µg/kg		46	740 U	1,500 U	1,900 U	950 U	420 U
Diethylphthalate	µg/kg		40 U	740 U	1,500 U	1,900 U	950 U	420 U
Dimethylphthalate	µg/kg		40 U	740 U	1,500 U	1,900 U	950 U	420 U
Di-n-butylphthalate	µg/kg		130 UJ	740 U	1,500 U	1,900 U	950 U	420 U
Di-n-octylphthalate	µg/kg		40 U	740 U	1,500 U	1,900 U	950 U	420 U
Fluoranthene	µg/kg		1,100	990	310 J	3,800	3,700	210 J
Fluorene	µg/kg		82	740 U	1,500 U	260 J	110 J	420 U
Hexachlorobenzene	µg/kg		4.4	740 U	1,500 U	1,900 U	950 U	420 U
Hexachlorobutadiene	µg/kg		40 U	740 U	1,500 U	1,900 U	950 U	420 U
Hexachlorocyclopentadiene	µg/kg		210 U	740 U	1,500 U	1,900 U	950 U	420 U
Hexachloroethane	µg/kg		40 U	740 U	1,500 U	1,900 U	950 U	420 U
Indeno(1,2,3-cd)pyrene	µg/kg		330	360 J	1,500 U	1,400 J	620 J	120 J
Isophorone	µg/kg		40 U	740 U	1,500 U	1,900 U	950 U	420 U
Naphthalene	µg/kg		40 U	740 U	1,500 U	1,900 U	950 U	420 U
Nitrobenzene	µg/kg		40 U	740 U	1,500 U	1,900 U	950 U	420 U
N-Nitrosodimethylamine	µg/kg		210 U					
N-Nitroso-di-n-propylamine	µg/kg		40 U	740 U	1,500 U	1,900 U	950 U	420 U

Table I-12. (cont.)

Analyte	Units	Date / Station / Depth (cm)	8/13/00 S390 000-015	5/9/02 SYW6-10015 000-015	5/9/02 SYW6-20015 000-015	5/9/02 SYW6-30015 000-015	5/9/02 SYW6-40015 000-015	5/9/02 SYW6-50015 000-015
N-Nitrosodiphenylamine (1)	µg/kg		40 U	740 U	1,500 U	1,900 U	950 U	420 U
Pentachlorophenol	µg/kg		1,000 U	1,500 U	3,000 U	3,900 U	1,900 U	840 U
Phenanthrene	µg/kg		800	570 J	1,500 U	2,000	1,200	60 J
Phenol	µg/kg		40 U	740 U	1,500 U	1,900 U	950 U	420 U
Pyrene	µg/kg		890	1,100	260 J	3,400	3,400	240 J
Pesticides and PCBs	µg/kg							
4,4'-DDD	µg/kg		1.4 J					
4,4'-DDE	µg/kg		2.3 J					
4,4'-DDT	µg/kg		5.9 J					
Aldrin	µg/kg		1.1 UJ					
alpha-BHC	µg/kg		1.1 UJ					
alpha-Chlordane	µg/kg		3.2 J					
Aroclor-1016	µg/kg		52 U					
Aroclor-1221	µg/kg		52 U					
Aroclor-1232	µg/kg		52 U					
Aroclor-1242	µg/kg		21 J					
Aroclor-1248	µg/kg		52 U					
Aroclor-1254	µg/kg		125 J					
Aroclor-1260	µg/kg		189 J					
Aroclor-1268	µg/kg		52 U					
beta-BHC	µg/kg		1.1 UJ					
Chlordane (Sum)	µg/kg		7.4					
delta-BHC	µg/kg		1.7 J					
Dieldrin	µg/kg		1.1 UJ					
Endosulfan I	µg/kg		1.1 UJ					
Endosulfan II	µg/kg		1.1 UR					
Endosulfan sulfate	µg/kg		1.1 UR					
Endrin aldehyde	µg/kg		1.1 UJ					
Endrin ketone	µg/kg		1.1 UJ					
Endrin	µg/kg		1.1 UJ					
gamma-BHC (Lindane)	µg/kg		1.1 UJ					
gamma-Chlordane	µg/kg		4.2 J					
Heptachlor epoxide	µg/kg		2.7 J					
Heptachlor	µg/kg		1.1 U					
Methoxychlor	µg/kg		1.1 UJ					
PCBs (Sum)	µg/kg		335					
Toxaphene	µg/kg		105 UJ					
Dioxins/Furans								
1,2,3,4,6,7,8-Heptachlorodibenzodioxin	ng/kg							
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg							
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg							
1,2,3,4,7,8-Hexachlorodibenzodioxin	ng/kg							
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg							

Table I-12. (cont.)

Analyte	Units	Date Station Depth (cm)	8/13/00 S390 000-015	5/9/02 SYW6-10015 000-015	5/9/02 SYW6-20015 000-015	5/9/02 SYW6-30015 000-015	5/9/02 SYW6-40015 000-015	5/9/02 SYW6-50015 000-015
1,2,3,6,7,8-Hexachlorodibenzodioxin	ng/kg							
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg							
1,2,3,7,8,9-Hexachlorodibenzodioxin	ng/kg							
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg							
1,2,3,7,8-Pentachlorodibenzodioxin	ng/kg							
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg							
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg							
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg							
2,3,7,8-Tetra-chlorodibenzo-dioxin	ng/kg							
2,3,7,8-Tetrachlorodibenzofuran	ng/kg							
Octachlorodibenzodioxin	ng/kg							
Octachlorodibenzofuran	ng/kg							
TEQ (1/2 DL) Avian	ng/kg							
TEQ (1/2 DL) Mammalian	ng/kg							
Total heptachlorodibenzodioxins	ng/kg							
Total heptachlorodibenzofurans	ng/kg							
Total hexachlorodibenzodioxins	ng/kg							
Total hexachlorodibenzofurans	ng/kg							
Total pentachlorodibenzodioxins	ng/kg							
Total pentachlorodibenzofurans	ng/kg							
Total tetrachlorodibenzodioxins	ng/kg							
Total tetrachlorodibenzofurans	ng/kg							

Table I-13A. NYSDEC 1994-1999 Fish, Conventional Analytes and Hexachlorobenzene

Date	Station	Source	Species	Sample	Number of Analysis	Individual Number	Length m	Weight g	Sex	Age yrs	Percent moisture %-ww	Percent lipid %-ww	Hexachloro-benzene mg/kg-ww
7/7/94	220	NYSDEC	SMB	Fillet	1	--	442	1,220	M	8	78	0.7	3.0E-03
7/13/94	220	NYSDEC	SMB	Fillet	1	--	356	650	F	6	78	1.1	2.0E-03
7/13/94	220	NYSDEC	SMB	Fillet	1	--	358	810	F	6	78	2.3	6.0E-03
7/13/94	220	NYSDEC	SMB	Fillet	1	--	361	670	F	6	79	1.1	4.0E-03
7/13/94	220	NYSDEC	SMB	Fillet	1	--	372	760	F	6	78	1.7	4.0E-03
7/13/94	220	NYSDEC	SMB	Fillet	1	--	390	840	F	7	77	2.9	1.0E-02
7/13/94	220	NYSDEC	SMB	Fillet	1	--	488	838	M	8	78	1.2	5.0E-03
6/27/96	220	NYSDEC	SMB	Fillet	1	--	420	1,032	M	7	79	1.0	4.0E-03
6/27/96	220	NYSDEC	SMB	Fillet	1	--	417	1,020	M	6	79	0.8	3.0E-03
6/27/96	220	NYSDEC	SMB	Fillet	1	--	447	1,094	M	7	79	1.0	3.0E-03
7/1/96	220	NYSDEC	LMB	Fillet	1	--	372	672	M	9	81	2.2	2.0E-03 U
7/1/96	220	NYSDEC	LMB	Fillet	1	--	339	646	F	5	82	2.1	2.0E-03 U
7/2/96	220	NYSDEC	LMB	Fillet	1	--	373	760	F	5	80	2.2	2.0E-03 U
7/2/96	220	NYSDEC	LMB	Fillet	1	--	393	1,124	F	7	79 M	3.0 M	2.0E-03 UM
7/2/96	220	NYSDEC	LMB	Fillet	1	--	393	952	M	6	81 M	2.2 M	2.0E-03 UM
7/2/96	220	NYSDEC	LMB	Fillet	1	--	380	924	F	6	82	2.1	2.0E-03 U
7/2/96	220	NYSDEC	LMB	Fillet	1	--	367	926	F	6	79	1.5	2.0E-03 U
7/2/96	220	NYSDEC	LMB	Fillet	1	--	343	664	F	5	81	0.6	2.0E-03 U
7/2/96	220	NYSDEC	LMB	Fillet	1	--	380	892	F	5	80	0.5	2.0E-03 U
7/2/96	220	NYSDEC	LMB	Fillet	1	--	354	688	M	6	80	0.7	2.0E-03 U
7/2/96	220	NYSDEC	SMB	Fillet	1	--	421	1,158	M	6	79	0.9	3.0E-03
7/2/96	220	NYSDEC	SMB	Fillet	1	--	451	1,614	M	8	78	1.2	3.0E-03
7/8/96	220	NYSDEC	SMB	Fillet	1	--	439	1,116	F	6	79	1.0	3.0E-03
7/8/96	220	NYSDEC	SMB	Fillet	1	--	436	950	M	7	79	1.6	6.0E-03
7/8/96	220	NYSDEC	SMB	Fillet	1	--	417	1,086	F	7	78	2.0	3.0E-03
7/8/96	220	NYSDEC	SMB	Fillet	1	--	431	988	M	8	80	0.5	2.0E-03 U
7/8/96	220	NYSDEC	SMB	Fillet	1	--	415	992	F	8	78	2.0	4.0E-03
6/30/97	220	NYSDEC	LMB	Fillet	1	--	372	994	F	10	79	2.0	4.0E-03
6/30/97	220	NYSDEC	LMB	Fillet	1	--	394	1,058	M	9	80	0.5	2.0E-03 U
6/30/97	220	NYSDEC	LMB	Fillet	1	--	465	1,742	F	12	80	0.5	2.0E-03 U
6/30/97	220	NYSDEC	LMB	Fillet	1	--	399	1,048	M	9	79	0.8	2.0E-03
6/30/97	220	NYSDEC	LMB	Fillet	1	--	389	902	M	12	79	1.8	9.0E-03
6/30/97	220	NYSDEC	SMB	Fillet	1	--	448	1,142	F	8	79	0.6	2.0E-03 U
6/30/97	220	NYSDEC	WP	Fillet	1	--	266	276	M	6	80	0.7	2.0E-03 U
6/30/97	220	NYSDEC	WP	Fillet	1	--	265	250	M	6	81	1.2	6.0E-03
6/30/97	220	NYSDEC	WP	Fillet	1	--	308	438	F	8	78	3.3	1.2E-02
6/30/97	220	NYSDEC	WP	Fillet	1	--	301	412	F	8	77	3.7	1.9E-02
6/30/97	220	NYSDEC	WP	Fillet	1	--	294	378	F	8	79	1.1	5.0E-03
7/1/97	220	NYSDEC	SMB	Fillet	1	--	442	1,038	M	8	80	0.9	3.0E-03
7/1/97	220	NYSDEC	SMB	Fillet	1	--	397	844	F	9	81	1.1	4.0E-03
7/1/97	220	NYSDEC	SMB	Fillet	1	--	393	726	F	10	81	0.6	2.0E-03
7/3/97	220	NYSDEC	SMB	Fillet	1	--	331	452	F	9	79	0.6	2.0E-03
7/3/97	220	NYSDEC	SMB	Fillet	1	--	340	458	F	8	80	0.2	2.0E-03 U
7/3/97	220	NYSDEC	SMB	Fillet	1	--	359	506	M	8	80	0.8	2.0E-03 U
6/17/98	220	NYSDEC	LMB	Fillet	1	--	408	1,104	M	8	81	0.7	3.0E-03
6/17/98	220	NYSDEC	SMB	Fillet	1	--	422	1,150	M	7	82	1.5	6.0E-03
6/17/98	220	NYSDEC	SMB	Fillet	1	--	403	1,000	F	7	76	3.8	1.9E-02
6/17/98	220	NYSDEC	SMB	Fillet	1	--	365	690	F	7	79	0.9	3.0E-03
6/17/98	220	NYSDEC	WEYE	Fillet	1	--	603	2,500	UN	8	75	4.7	2.2E-02
6/17/98	220	NYSDEC	WEYE	Fillet	1	--	582	2,008	UN	8	79	2.2	1.0E-02

Table I-13A. (cont.)

Date	Station	Source	Species	Sample	Number of Analysis	Individual Number	Length m	Weight g	Sex	Age yrs	Percent moisture %-ww	Percent lipid %-ww	Hexachloro-benzene mg/kg-ww
6/17/98	220	NYSDEC	WEYE	Fillet	1	--	593	2,402	UN	5	77	3.4	1.3E-02
6/17/98	220	NYSDEC	WP	Fillet	1	--	165	65	UN	3	77	3.9	6.0E-03
6/17/98	220	NYSDEC	WP	Fillet	1	--	170	80	UN	3	99	0.6	2.0E-03
6/17/98	220	NYSDEC	WP	Fillet	1	--	170	80	UN	2	77	3.8	1.0E-02
6/17/98	220	NYSDEC	WP	Fillet	1	--	167	65	UN	2	77	3.4	1.1E-02
6/17/98	220	NYSDEC	WP	Fillet	1	--	169	70	UN	2	77	3.5	1.6E-02
6/18/98	220	NYSDEC	WEYE	Fillet	1	--	426	910	UN	--	78	2.0	4.0E-03
6/22/98	220	NYSDEC	LMB	Fillet	1	--	398	1,020	M	9	81	0.8	2.0E-03
6/22/98	220	NYSDEC	LMB	Fillet	1	--	410	1,300	F	10	81	0.5	2.0E-03 U
6/22/98	220	NYSDEC	LMB	Fillet	1	--	380	820	F	8	80	0.4	3.0E-03
6/22/98	220	NYSDEC	NP	Fillet	1	--	902	4,725	--	7	74	3.5	1.7E-02
6/22/98	220	NYSDEC	SMB	Fillet	1	--	391	920	F	8	79	2.1	9.0E-03
6/22/98	220	NYSDEC	SMB	Fillet	1	--	410	1,260	F	8	77	2.2	2.0E-03
6/22/98	220	NYSDEC	SMB	Fillet	1	--	383	760	M	7	77	2.4	1.2E-02
6/22/98	220	NYSDEC	SMB	Fillet	1	--	341	600	M	7	78	1.3	5.0E-03
6/22/98	220	NYSDEC	WEYE	Fillet	1	--	478	1,110	UN	5	78 M	3.5 M	1.2E-02 M
7/28/98	220	NYSDEC	CHC	Fillet	1	--	462	970	--	--	74	8.8	5.6E-02
7/28/98	220	NYSDEC	CHC	Fillet	1	--	451	960	--	--	79	4.8	4.0E-03
7/28/98	220	NYSDEC	CHC	Fillet	1	--	377	550	--	--	76	6.3	2.0E-03 U
7/28/98	220	NYSDEC	CHC	Fillet	1	--	447	820	--	--	79	2.7	3.0E-03
7/28/98	220	NYSDEC	CHC	Fillet	1	--	375	500	--	--	81	2.7	2.0E-03 U
7/28/98	220	NYSDEC	LMB	Fillet	1	--	416	1,120	F	8	80	0.6	2.0E-03 U
6/24/99	220	NYSDEC	CHC	Fillet	1	--	460	846	--	--	80	2.4	5.0E-03
6/24/99	220	NYSDEC	CARP	Fillet	1	--	669	4,364	--	--	74	6.0	6.9E-02
6/24/99	220	NYSDEC	LMB	Fillet	1	--	470	1,544	F	8	79	1.3	3.0E-03
6/24/99	220	NYSDEC	LMB	Fillet	1	--	384	924	M	8	80	0.8	2.0E-03
6/24/99	220	NYSDEC	LMB	Fillet	1	--	439	1,784	F	7	78	3.0	8.0E-03
6/24/99	220	NYSDEC	LMB	Fillet	1	--	464	1,700	F	9	79	1.2	2.0E-03
6/30/99	220	NYSDEC	LMB	Fillet	1	--	453	1,654	F	7	78	2.1	3.0E-03
6/30/99	220	NYSDEC	LMB	Fillet	1	--	406	1,163	F	6	78	0.8	2.0E-03
6/30/99	220	NYSDEC	LMB	Fillet	1	--	385	852	M	6	79	0.8	3.0E-03
6/30/99	220	NYSDEC	SMB	Fillet	1	--	445	1,190	F	9	77	2.1	3.0E-03
6/30/99	220	NYSDEC	SMB	Fillet	1	--	440	1,050	M	9	80	0.4	2.0E-03 U
6/30/99	220	NYSDEC	SMB	Fillet	1	--	424	1,022	M	8	77	1.6	4.0E-03
6/30/99	220	NYSDEC	SMB	Fillet	1	--	449	1,138	F	8	78	0.9	3.0E-03
6/30/99	220	NYSDEC	SMB	Fillet	1	--	444	980	M	7	78	0.3	2.0E-03 U
7/7/99	220	NYSDEC	CHC	Fillet	1	--	466	950	--	--	73	2.7	1.0E-02
7/7/99	220	NYSDEC	CARP	Fillet	1	--	456	1,348	--	--	76	5.8	2.6E-02
7/7/99	220	NYSDEC	CARP	Fillet	1	--	629	3,822	--	--	70	13	0.1
7/7/99	220	NYSDEC	CARP	Fillet	1	--	590	3,222	--	--	75	4.6	3.9E-02
7/7/99	220	NYSDEC	CARP	Fillet	1	--	671	4,034	--	--	78	3.6	2.2E-02
7/7/99	220	NYSDEC	LMB	Fillet	1	--	346	572	M	6	79	0.4	2.0E-03 U
7/7/99	220	NYSDEC	WP	Fillet	1	--	204	126	--	--	57	7.0	1.3E-02
7/7/99	220	NYSDEC	WP	Fillet	1	--	204	152	--	--	74	6.6	3.7E-02
7/7/99	220	NYSDEC	WP	Fillet	1	--	173	82	--	--	76	3.5	1.9E-02
7/7/99	220	NYSDEC	WP	Fillet	1	--	188	118	--	--	73	2.8	1.0E-02
7/7/99	220	NYSDEC	WP	Fillet	1	--	165	68	--	--	74	6.5	1.7E-02
7/16/99	220	NYSDEC	CHC	Fillet	1	--	446	844	--	--	83	1.7	3.0E-03
7/16/99	220	NYSDEC	CHC	Fillet	1	--	545	1,656	--	--	76	7.4	1.4E-02
7/16/99	220	NYSDEC	CHC	Fillet	1	--	481	1,040	--	--	78	6.0	2.4E-02

Table I-13B. NYSDEC 1994-1999 Onondaga Lake Fish, Mercury

Date	Station	Source	Species	Sample	Number of Analysis	Individual Number	Length mm	Weight g	Sex	Age yrs	Mercury mg/kg-ww
7/5/94	220	NYSDEC	SMB	Fillet	1	1	245	200	N	--	0.6 M
7/5/94	220	NYSDEC	SMB	Fillet	1	1	300	360	F	--	0.6
7/5/94	220	NYSDEC	SMB	Fillet	1	1	333	530	F	--	0.8
7/5/94	220	NYSDEC	SMB	Fillet	1	1	305	410	M	--	0.7
7/5/94	220	NYSDEC	SMB	Fillet	1	1	250	200	N	--	0.4
7/5/94	220	NYSDEC	SMB	Fillet	1	1	360	690	F	--	0.8
7/5/94	220	NYSDEC	SMB	Fillet	1	1	250	220	F	--	0.6
7/5/94	220	NYSDEC	SMB	Fillet	1	1	298	330	M	--	0.6
7/5/94	220	NYSDEC	SMB	Fillet	1	1	405	1,140	F	--	0.9
7/5/94	220	NYSDEC	SMB	Fillet	1	1	256	220	F	--	0.7
7/5/94	220	NYSDEC	SMB	Fillet	1	1	308	460	F	--	0.7 M
7/5/94	220	NYSDEC	SMB	Fillet	1	1	286	320	F	--	0.6
7/7/94	220	NYSDEC	SMB	Fillet	1	1	260	320	F	--	0.5
7/7/94	220	NYSDEC	SMB	Fillet	1	1	271	320	F	--	0.6
7/7/94	220	NYSDEC	SMB	Fillet	1	1	256	260	F	--	0.6
7/7/94	220	NYSDEC	SMB	Fillet	1	1	271	300	F	--	0.7
7/7/94	220	NYSDEC	SMB	Fillet	1	1	305	360	M	--	0.8
7/7/94	220	NYSDEC	SMB	Fillet	1	1	278	320	M	--	0.6
7/7/94	220	NYSDEC	SMB	Fillet	1	1	294	390	F	--	0.6
7/7/94	220	NYSDEC	SMB	Fillet	1	1	290	390	M	--	0.6 M
7/7/94	220	NYSDEC	SMB	Fillet	1	1	259	260	M	--	0.6
7/7/94	220	NYSDEC	SMB	Fillet	1	1	309	420	F	--	0.7
7/7/94	220	NYSDEC	SMB	Fillet	1	1	270	290	F	--	0.5
7/7/94	220	NYSDEC	SMB	Fillet	1	1	253	240	M	--	0.6
7/7/94	220	NYSDEC	SMB	Fillet	1	1	261	250	F	--	0.6
7/7/94	220	NYSDEC	SMB	Fillet	1	1	291	340	M	--	0.6
7/7/94	220	NYSDEC	SMB	Fillet	1	1	247	230	M	--	0.5
7/7/94	220	NYSDEC	SMB	Fillet	1	1	244	220	F	--	0.4
7/7/94	220	NYSDEC	SMB	Fillet	1	1	292	320	M	--	0.6
7/7/94	220	NYSDEC	SMB	Fillet	1	1	287	360	F	--	0.6 M
7/7/94	220	NYSDEC	SMB	Fillet	1	1	346	620	F	--	0.7
7/7/94	220	NYSDEC	SMB	Fillet	1	1	372	700	F	--	0.8
7/7/94	220	NYSDEC	SMB	Fillet	1	1	367	680	F	--	0.8
7/7/94	220	NYSDEC	SMB	Fillet	1	1	442	1,220	M	--	2.3
7/13/94	220	NYSDEC	SMB	Fillet	1	1	372	760	F	--	0.9
7/13/94	220	NYSDEC	SMB	Fillet	1	1	358	810	F	--	1.0
7/13/94	220	NYSDEC	SMB	Fillet	1	1	472	760	M	--	1.1
7/13/94	220	NYSDEC	SMB	Fillet	1	1	360	660	M	--	0.9
7/13/94	220	NYSDEC	SMB	Fillet	1	1	390	840	F	--	1.2
7/13/94	220	NYSDEC	SMB	Fillet	1	1	355	610	M	--	0.8 M
7/13/94	220	NYSDEC	SMB	Fillet	1	1	356	650	F	--	1.0
7/13/94	220	NYSDEC	SMB	Fillet	1	1	488	838	M	--	1.0
7/13/94	220	NYSDEC	SMB	Fillet	1	1	352	640	M	--	1.0
7/13/94	220	NYSDEC	SMB	Fillet	1	1	361	670	F	--	0.9
7/13/94	220	NYSDEC	SMB	Fillet	1	1	410	900	M	--	1.4
7/13/94	220	NYSDEC	SMB	Fillet	1	1	374	690	M	--	1.0
7/13/94	220	NYSDEC	SMB	Fillet	1	1	324	360	M	--	0.8

Table I-13B. (cont.)

Date	Station	Source	Species	Sample	Number of Analysis	Individual Number	Length mm	Weight g	Sex	Age yrs	Mercury mg/kg-ww
7/13/94	220	NYSDEC	SMB	Fillet	1	1	365	710	M	--	0.8
7/13/94	220	NYSDEC	SMB	Fillet	1	1	364	670	F	--	0.9
7/13/94	220	NYSDEC	SMB	Fillet	1	1	374	700	M	--	1.0
7/10/95	220	NYSDEC	SMB	Fillet	--	--	379	--	--	4	8.29E-04
7/10/95	220	NYSDEC	SMB	Fillet	--	--	495	--	--	6	1.30E-03
7/10/95	220	NYSDEC	SMB	Fillet	--	--	400	--	--	6	1.57E-03
7/10/95	220	NYSDEC	SMB	Fillet	--	--	307	--	--	4	6.51E-04
7/10/95	220	NYSDEC	SMB	Fillet	--	--	322	--	--	4	9.59E-04
7/10/95	220	NYSDEC	SMB	Fillet	--	--	399	--	--	6	1.24E-03
7/10/95	220	NYSDEC	SMB	Fillet	--	--	303	--	--	4	7.16E-04
7/10/95	220	NYSDEC	SMB	Fillet	--	--	401	--	--	6	1.23E-03
7/10/95	220	NYSDEC	SMB	Fillet	--	--	400	--	--	6	1.47E-03
7/10/95	220	NYSDEC	SMB	Fillet	--	--	352	--	--	6	1.20E-03
7/10/95	220	NYSDEC	SMB	Fillet	--	--	295	--	--	4	5.77E-04
7/10/95	220	NYSDEC	WALLEYE	Fillet	--	--	576	--	--	7	1.95E-03
7/10/95	220	NYSDEC	WALLEYE	Fillet	--	--	552	--	--	6	2.18E-03
7/10/95	220	NYSDEC	WALLEYE	Fillet	--	--	446	--	--	4	1.25E-03
7/10/95	220	NYSDEC	WPERCH	Fillet	--	--	235	--	--	7	1.24E-03
7/10/95	220	NYSDEC	WPERCH	Fillet	--	--	222	--	--	4	1.52E-03
7/10/95	220	NYSDEC	WPERCH	Fillet	--	--	245	--	--	4	1.56E-03
7/10/95	220	NYSDEC	WPERCH	Fillet	--	--	242	--	--	5	9.77E-04
7/10/95	220	NYSDEC	WPERCH	Fillet	--	--	231	--	--	5	8.33E-04
7/10/95	220	NYSDEC	WPERCH	Fillet	--	--	242	--	--	5	1.36E-03
7/10/95	220	NYSDEC	WPERCH	Fillet	--	--	239	--	--	6	1.35E-03
7/10/95	220	NYSDEC	WPERCH	Fillet	--	--	225	--	--	4	6.19E-04
7/10/95	220	NYSDEC	WPERCH	Fillet	--	--	225	--	--	5	1.37E-03
7/10/95	220	NYSDEC	WPERCH	Fillet	--	--	268	--	--	5	1.23E-03
7/10/95	220	NYSDEC	WPERCH	Fillet	--	--	236	--	--	4	1.37E-03
7/10/95	220	NYSDEC	WPERCH	Fillet	--	--	202	--	--	5	1.07E-03
7/10/95	220	NYSDEC	WPERCH	Fillet	--	--	213	--	--	4	9.73E-04
7/10/95	220	NYSDEC	WPERCH	Fillet	--	--	245	--	--	7	1.29E-03
7/10/95	220	NYSDEC	WPERCH	Fillet	--	--	242	--	--	6	1.63E-03
7/10/95	220	NYSDEC	WPERCH	Fillet	--	--	216	--	--	4	9.52E-04
7/10/95	220	NYSDEC	WPERCH	Fillet	--	--	232	--	--	5	6.71E-04
7/11/95	220	NYSDEC	SMB	Fillet	--	--	350	--	--	4	8.42E-04
7/11/95	220	NYSDEC	SMB	Fillet	--	--	315	--	--	4	8.48E-04
7/11/95	220	NYSDEC	SMB	Fillet	--	--	383	--	--	6	1.27E-03
7/11/95	220	NYSDEC	SMB	Fillet	--	--	300	--	--	4	9.89E-04
7/11/95	220	NYSDEC	SMB	Fillet	--	--	320	--	--	4	8.50E-04
7/11/95	220	NYSDEC	SMB	Fillet	--	--	361	--	--	6	8.61E-04
7/11/95	220	NYSDEC	SMB	Fillet	--	--	380	--	--	7	1.09E-03
7/11/95	220	NYSDEC	SMB	Fillet	--	--	396	--	--	7	1.05E-03
7/11/95	220	NYSDEC	SMB	Fillet	--	--	315	--	--	5	9.67E-04
7/11/95	220	NYSDEC	SMB	Fillet	--	--	427	--	--	6	1.59E-03
7/11/95	220	NYSDEC	SMB	Fillet	--	--	458	--	--	7	1.95E-03
7/11/95	220	NYSDEC	SMB	Fillet	--	--	404	--	--	8	1.17E-03
7/11/95	220	NYSDEC	SMB	Fillet	--	--	440	--	--	9	1.56E-03

Table I-13B. (cont.)

Date	Station	Source	Species	Sample	Number of Analysis	Individual Number	Length mm	Weight g	Sex	Age yrs	Mercury mg/kg-ww
7/11/95	220	NYSDEC	SMB	Fillet	--	--	390	--	--	4	1.06E-03
7/11/95	220	NYSDEC	SMB	Fillet	--	--	407	--	--	5	1.25E-03
7/11/95	220	NYSDEC	SMB	Fillet	--	--	361	--	--	3	1.71E-03
7/11/95	220	NYSDEC	WALLEYE	Fillet	--	--	450	--	--	4	1.85E-03
7/11/95	220	NYSDEC	WALLEYE	Fillet	--	--	500	--	--	5	2.26E-03
7/11/95	220	NYSDEC	WALLEYE	Fillet	--	--	480	--	--	4	1.89E-03
7/11/95	220	NYSDEC	WALLEYE	Fillet	--	--	480	--	--	4	1.46E-03
7/11/95	220	NYSDEC	WALLEYE	Fillet	--	--	440	--	--	3	1.15E-03
7/11/95	220	NYSDEC	WALLEYE	Fillet	--	--	465	--	--	4	1.18E-03
7/11/95	220	NYSDEC	WALLEYE	Fillet	--	--	460	--	--	5	1.65E-03
7/11/95	220	NYSDEC	WALLEYE	Fillet	--	--	480	--	--	5	1.98E-03
7/11/95	220	NYSDEC	WALLEYE	Fillet	--	--	466	--	--	5	1.37E-03
7/11/95	220	NYSDEC	WALLEYE	Fillet	--	--	470	--	--	5	2.11E-03
7/11/95	220	NYSDEC	WALLEYE	Fillet	--	--	432	--	--	3	1.36E-03
7/11/95	220	NYSDEC	WALLEYE	Fillet	--	--	439	--	--	3	1.68E-03
7/11/95	220	NYSDEC	WALLEYE	Fillet	--	--	497	--	--	5	3.18E-03
7/11/95	220	NYSDEC	WALLEYE	Fillet	--	--	420	--	--	4	1.66E-03
7/11/95	220	NYSDEC	WALLEYE	Fillet	--	--	562	--	--	6	3.33E-03
7/11/95	220	NYSDEC	WPERCH	Fillet	--	--	170	--	--	2	4.84E-04
7/11/95	220	NYSDEC	WPERCH	Fillet	--	--	230	--	--	3	1.06E-03
7/11/95	220	NYSDEC	WPERCH	Fillet	--	--	220	--	--	3	8.09E-04
7/12/95	220	NYSDEC	SMB	Fillet	--	--	338	--	--	3	8.41E-04
7/12/95	220	NYSDEC	SMB	Fillet	--	--	407	--	--	6	6.98E-04
7/12/95	220	NYSDEC	SMB	Fillet	--	--	396	--	--	7	1.72E-03
7/12/95	220	NYSDEC	SMB	Fillet	--	--	354	--	--	5	9.93E-04
7/12/95	220	NYSDEC	SMB	Fillet	--	--	312	--	--	3	8.30E-04
7/12/95	220	NYSDEC	SMB	Fillet	--	--	321	--	--	3	1.12E-03
7/12/95	220	NYSDEC	WALLEYE	Fillet	--	--	421	--	--	3	7.80E-04
6/27/96	220	NYSDEC	SMB	Fillet	1	--	420	1,032	M	7	1.3
6/27/96	220	NYSDEC	SMB	Fillet	1	--	308	372	F	4	0.7 M
6/27/96	220	NYSDEC	SMB	Fillet	1	--	417	1,020	M	6	1.1
6/27/96	220	NYSDEC	SMB	Fillet	1	--	350	564	M	4	0.9
6/27/96	220	NYSDEC	SMB	Fillet	1	--	447	1,094	M	7	1.7
6/27/96	220	NYSDEC	SMB	Fillet	1	--	372	734	M	4	0.7
6/27/96	220	NYSDEC	SMB	Fillet	1	--	355	586	F	4	1.1
6/27/96	220	NYSDEC	SMB	Fillet	1	--	388	754	M	5	1.1
6/27/96	220	NYSDEC	SMB	Fillet	1	--	340	486	M	4	1.0
6/27/96	220	NYSDEC	SMB	Fillet	1	--	329	450	M	3	0.8
6/27/96	220	NYSDEC	SMB	Fillet	1	--	335	506	M	4	0.7
6/27/96	220	NYSDEC	SMB	Fillet	1	--	394	838	F	4	1.2
6/27/96	220	NYSDEC	SMB	Fillet	1	--	353	578	F	3	0.9
6/27/96	220	NYSDEC	SMB	Fillet	1	--	361	552	F	4	1.1
7/1/96	220	NYSDEC	LMB	Fillet	1	--	306	540	F	3	0.6
7/1/96	220	NYSDEC	LMB	Fillet	1	--	310	478	M	3	0.7
7/1/96	220	NYSDEC	LMB	Fillet	1	--	270	320	F	3	0.5
7/1/96	220	NYSDEC	LMB	Fillet	1	--	266	306	M	2	0.5
7/1/96	220	NYSDEC	LMB	Fillet	1	--	279	374	M	3	0.8

Table I-13B. (cont.)

Date	Station	Source	Species	Sample	Number of Analysis	Individual Number	Length mm	Weight g	Sex	Age yrs	Mercury mg/kg-ww
7/1/96	220	NYSDEC	LMB	Fillet	1	--	257	298	M	2	0.5
7/1/96	220	NYSDEC	LMB	Fillet	1	--	274	360	F	2	0.8
7/1/96	220	NYSDEC	LMB	Fillet	1	--	336	198	F	3	0.5
7/1/96	220	NYSDEC	LMB	Fillet	1	--	310	500	F	4	0.6
7/1/96	220	NYSDEC	LMB	Fillet	1	--	372	672	M	9	1.2
7/1/96	220	NYSDEC	LMB	Fillet	1	--	303	558	M	4	0.6
7/1/96	220	NYSDEC	LMB	Fillet	1	--	300	410	M	3	0.7
7/1/96	220	NYSDEC	LMB	Fillet	1	--	273	378	F	2	0.4
7/1/96	220	NYSDEC	LMB	Fillet	1	--	339	646	F	5	1.3
7/1/96	220	NYSDEC	LMB	Fillet	1	--	282	358	F	2	0.5
7/1/96	220	NYSDEC	LMB	Fillet	1	--	280	378	F	3	0.8
7/1/96	220	NYSDEC	LMB	Fillet	1	--	267	276	M	2	0.6
7/1/96	220	NYSDEC	LMB	Fillet	1	--	198	112	F	1	0.5
7/1/96	220	NYSDEC	SMB	Fillet	1	--	393	790	F	5	1.3
7/1/96	220	NYSDEC	SMB	Fillet	1	--	307	388	F	2	0.6
7/1/96	220	NYSDEC	SMB	Fillet	1	--	350	512	M	3	1.2
7/1/96	220	NYSDEC	SMB	Fillet	1	--	305	388	F	2	0.7
7/1/96	220	NYSDEC	SMB	Fillet	1	--	298	360	F	2	0.9
7/1/96	220	NYSDEC	SMB	Fillet	1	--	274	244	M	2	0.4

Table I-13C. NYSDEC 1994-1999 Onondaga Lake Fish, Pesticides and PCBs

Date	Station	Source	Species	Sample	Number of Analysis	Individual Number	Length mm	Weight g	Sex	Age yrs	4,4'-DDD mg/kg-ww	4,4'-DDE mg/kg-ww	4,4'-DDT mg/kg-ww	α-Hexachloro-cyclohexane mg/kg-ww	Aldrin and dieldrin (Sum) mg/kg-ww
7/7/94	220	NYSDEC	SMB	Fillet	1	--	442	1,220	M	8					
7/7/94	220	NYSDEC	SMB	Fillet	1	--	442	1,220	M	8	1.7E-02	5.2E-02	1.3E-02		5.0E-03 U
7/13/94	220	NYSDEC	SMB	Fillet	1	--	356	650	F	6					
7/13/94	220	NYSDEC	SMB	Fillet	1	--	356	650	F	6	8.0E-03	1.5E-02	5.0E-03		5.0E-03 U
7/13/94	220	NYSDEC	SMB	Fillet	1	--	358	810	F	6					
7/13/94	220	NYSDEC	SMB	Fillet	1	--	358	810	F	6	1.3E-02	2.1E-02	8.0E-03		5.0E-03 U
7/13/94	220	NYSDEC	SMB	Fillet	1	--	361	670	F	6					
7/13/94	220	NYSDEC	SMB	Fillet	1	--	361	670	F	6	7.0E-03	1.3E-02	5.0E-03		5.0E-03 U
7/13/94	220	NYSDEC	SMB	Fillet	1	--	372	760	F	6					
7/13/94	220	NYSDEC	SMB	Fillet	1	--	372	760	F	6	9.0E-03	1.5E-02	6.0E-03		5.0E-03 U
7/13/94	220	NYSDEC	SMB	Fillet	1	--	390	840	F	7					
7/13/94	220	NYSDEC	SMB	Fillet	1	--	390	840	F	7	1.8E-02	2.8E-02	1.1E-02		5.0E-03 U
7/13/94	220	NYSDEC	SMB	Fillet	1	--	488	838	M	8					
7/13/94	220	NYSDEC	SMB	Fillet	1	--	488	838	M	8	1.0E-02	2.1E-02	8.0E-03		5.0E-03 U
6/27/96	220	NYSDEC	SMB	Fillet	1	--	420	1,032	M	7					
6/27/96	220	NYSDEC	SMB	Fillet	1	--	420	1,032	M	7	6.0E-03	1.6E-02	3.0E-03		5.0E-03 U
6/27/96	220	NYSDEC	SMB	Fillet	1	--	417	1,020	M	6					
6/27/96	220	NYSDEC	SMB	Fillet	1	--	417	1,020	M	6	2.0E-03	6.0E-03	2.0E-03 U		5.0E-03 U
6/27/96	220	NYSDEC	SMB	Fillet	1	--	447	1,094	M	7					
6/27/96	220	NYSDEC	SMB	Fillet	1	--	447	1,094	M	7	5.0E-03	1.1E-02	3.0E-03		5.0E-03 U
7/1/96	220	NYSDEC	LMB	Fillet	1	--	372	672	M	9					
7/1/96	220	NYSDEC	LMB	Fillet	1	--	372	672	M	9	2.0E-03 U	2.0E-03	2.0E-03 U		5.0E-03 U
7/1/96	220	NYSDEC	LMB	Fillet	1	--	339	646	F	5					
7/1/96	220	NYSDEC	LMB	Fillet	1	--	339	646	F	5	2.0E-03 U	2.0E-03 U	2.0E-03 U		5.0E-03 U
7/2/96	220	NYSDEC	LMB	Fillet	1	--	373	760	F	5					
7/2/96	220	NYSDEC	LMB	Fillet	1	--	373	760	F	5	2.0E-03 U	2.0E-03 U	2.0E-03 U		5.0E-03 U
7/2/96	220	NYSDEC	LMB	Fillet	1	--	393	1,124	F	7					
7/2/96	220	NYSDEC	LMB	Fillet	1	--	393	1,124	F	7	2.0E-03 M	4.0E-03 M	2.0E-03 UM		5.0E-03 UM
7/2/96	220	NYSDEC	LMB	Fillet	1	--	393	952	M	6					
7/2/96	220	NYSDEC	LMB	Fillet	1	--	393	952	M	6	2.0E-03 UM	2.0E-03 M	2.0E-03 UM		5.0E-03 UM
7/2/96	220	NYSDEC	LMB	Fillet	1	--	380	924	F	6					
7/2/96	220	NYSDEC	LMB	Fillet	1	--	380	924	F	6	2.0E-03 U	2.0E-03 U	2.0E-03 U		5.0E-03 U
7/2/96	220	NYSDEC	LMB	Fillet	1	--	367	926	F	6					
7/2/96	220	NYSDEC	LMB	Fillet	1	--	367	926	F	6	2.0E-03	8.0E-03	2.0E-03 U		5.0E-03 U
7/2/96	220	NYSDEC	LMB	Fillet	1	--	343	664	F	5					
7/2/96	220	NYSDEC	LMB	Fillet	1	--	343	664	F	5	2.0E-03	6.0E-03	2.0E-03 U		5.0E-03 U
7/2/96	220	NYSDEC	LMB	Fillet	1	--	380	892	F	5					
7/2/96	220	NYSDEC	LMB	Fillet	1	--	380	892	F	5	2.0E-03 U	3.0E-03	2.0E-03 U		5.0E-03 U
7/2/96	220	NYSDEC	LMB	Fillet	1	--	354	688	M	6					
7/2/96	220	NYSDEC	LMB	Fillet	1	--	354	688	M	6	2.0E-03 U	4.0E-03	2.0E-03 U		5.0E-03 U
7/2/96	220	NYSDEC	SMB	Fillet	1	--	421	1,158	M	6					
7/2/96	220	NYSDEC	SMB	Fillet	1	--	421	1,158	M	6	4.0E-03	1.0E-02	2.0E-03		5.0E-03 U

Table I-13C. (cont.)

Date	Station	Source	Species	Sample	Number of Analysis	Individual Number	Length mm	Weight g	Sex	Age yrs	4,4'-DDD mg/kg-ww	4,4'-DDE mg/kg-ww	4,4'-DDT mg/kg-ww	α-Hexachloro-cyclohexane mg/kg-ww	Aldrin and dieldrin (Sum) mg/kg-ww
7/2/96	220	NYSDEC	SMB	Fillet	1	--	451	1,614	M	8					
7/2/96	220	NYSDEC	SMB	Fillet	1	--	451	1,614	M	8					
7/2/96	220	NYSDEC	SMB	Fillet	1	--	451	1,614	M	8	6.0E-03	1.7E-02	3.0E-03		5.0E-03 U
7/8/96	220	NYSDEC	SMB	Fillet	1	--	439	1,116	F	6					
7/8/96	220	NYSDEC	SMB	Fillet	1	--	439	1,116	F	6	4.0E-03	9.0E-03	2.0E-03		5.0E-03 U
7/8/96	220	NYSDEC	SMB	Fillet	1	--	436	950	M	7					
7/8/96	220	NYSDEC	SMB	Fillet	1	--	436	950	M	7	1.1E-02	2.5E-02	5.0E-03		5.0E-03 U
7/8/96	220	NYSDEC	SMB	Fillet	1	--	417	1,086	F	7					
7/8/96	220	NYSDEC	SMB	Fillet	1	--	417	1,086	F	7	7.0E-03	2.5E-02	3.0E-03		5.0E-03 U
7/8/96	220	NYSDEC	SMB	Fillet	1	--	431	988	M	8					
7/8/96	220	NYSDEC	SMB	Fillet	1	--	431	988	M	8	3.0E-03	1.0E-02	2.0E-03		5.0E-03 U
7/8/96	220	NYSDEC	SMB	Fillet	1	--	415	992	F	8					
7/8/96	220	NYSDEC	SMB	Fillet	1	--	415	992	F	8	7.0E-03	1.8E-02	2.0E-03		5.0E-03 U
6/30/97	220	NYSDEC	LMB	Fillet	1	--	372	994	F	10					
6/30/97	220	NYSDEC	LMB	Fillet	1	--	372	994	F	10	5.0E-03	1.4E-02	5.0E-03		5.0E-03 U
6/30/97	220	NYSDEC	LMB	Fillet	1	--	394	1,058	M	9					
6/30/97	220	NYSDEC	LMB	Fillet	1	--	394	1,058	M	9	2.0E-03 U	4.0E-03	2.0E-03 U		5.0E-03 U
6/30/97	220	NYSDEC	LMB	Fillet	1	--	465	1,742	F	12					
6/30/97	220	NYSDEC	LMB	Fillet	1	--	465	1,742	F	12	2.0E-03	6.0E-03	2.0E-03		5.0E-03 U
6/30/97	220	NYSDEC	LMB	Fillet	1	--	399	1,048	M	9					
6/30/97	220	NYSDEC	LMB	Fillet	1	--	399	1,048	M	9	4.0E-03	1.1E-02	4.0E-03		5.0E-03 U
6/30/97	220	NYSDEC	LMB	Fillet	1	--	389	902	M	12					
6/30/97	220	NYSDEC	LMB	Fillet	1	--	389	902	M	12	1.4E-02	3.9E-02	1.4E-02		5.0E-03 U
6/30/97	220	NYSDEC	SMB	Fillet	1	--	448	1,142	F	8					
6/30/97	220	NYSDEC	SMB	Fillet	1	--	448	1,142	F	8	4.0E-03	1.1E-02	2.0E-03		5.0E-03 U
6/30/97	220	NYSDEC	WP	Fillet	1	--	266	276	M	6					
6/30/97	220	NYSDEC	WP	Fillet	1	--	266	276	M	6	4.0E-03	1.3E-02	4.0E-03		5.0E-03 U
6/30/97	220	NYSDEC	WP	Fillet	1	--	265	250	M	6					
6/30/97	220	NYSDEC	WP	Fillet	1	--	265	250	M	6	1.1E-02	2.7E-02	1.0E-02		5.0E-03 U
6/30/97	220	NYSDEC	WP	Fillet	1	--	308	438	F	8					
6/30/97	220	NYSDEC	WP	Fillet	1	--	308	438	F	8	1.1E-02	2.0E-02	8.0E-03		5.0E-03 U
6/30/97	220	NYSDEC	WP	Fillet	1	--	301	412	F	8					
6/30/97	220	NYSDEC	WP	Fillet	1	--	301	412	F	8	1.4E-02	2.1E-02	1.0E-02		5.0E-03 U
6/30/97	220	NYSDEC	WP	Fillet	1	--	294	378	F	8					
6/30/97	220	NYSDEC	WP	Fillet	1	--	294	378	F	8	5.0E-03	8.0E-03	4.0E-03		5.0E-03 U
7/1/97	220	NYSDEC	SMB	Fillet	1	--	442	1,038	M	8					
7/1/97	220	NYSDEC	SMB	Fillet	1	--	442	1,038	M	8	7.0E-03	2.4E-02	7.0E-03		5.0E-03 U
7/1/97	220	NYSDEC	SMB	Fillet	1	--	397	844	F	9					
7/1/97	220	NYSDEC	SMB	Fillet	1	--	397	844	F	9	5.0E-03	1.0E-02	4.0E-03		5.0E-03 U
7/1/97	220	NYSDEC	SMB	Fillet	1	--	393	726	F	10					
7/1/97	220	NYSDEC	SMB	Fillet	1	--	393	726	F	10	5.0E-03	1.1E-02	4.0E-03		5.0E-03 U
7/3/97	220	NYSDEC	SMB	Fillet	1	--	331	452	F	9					

Table I-13C. (cont.)

Date	Station	Source	Species	Sample	Number of Analysis	Individual Number	Length mm	Weight g	Sex	Age yrs	4,4'-DDD mg/kg-ww	4,4'-DDE mg/kg-ww	4,4'-DDT mg/kg-ww	α-Hexachloro-cyclohexane mg/kg-ww	Aldrin and dieldrin (Sum) mg/kg-ww
7/3/97	220	NYSDEC	SMB	Fillet	1	--	331	452	F	9	3.0E-03	6.0E-03	3.0E-03		5.0E-03 U
7/3/97	220	NYSDEC	SMB	Fillet	1	--	340	458	F	8					
7/3/97	220	NYSDEC	SMB	Fillet	1	--	340	458	F	8	3.0E-03	8.0E-03	4.0E-03		5.0E-03 U
7/3/97	220	NYSDEC	SMB	Fillet	1	--	359	506	M	8					
7/3/97	220	NYSDEC	SMB	Fillet	1	--	359	506	M	8	2.0E-03 U	2.0E-03	2.0E-03 U		5.0E-03 U
6/17/98	220	NYSDEC	LMB	Fillet	1	--	408	1,104	M	8					
6/17/98	220	NYSDEC	LMB	Fillet	1	--	408	1,104	M	8	4.0E-03	8.0E-03	2.0E-03		5.0E-03 U
6/17/98	220	NYSDEC	SMB	Fillet	1	--	422	1,150	M	7					
6/17/98	220	NYSDEC	SMB	Fillet	1	--	422	1,150	M	7	1.0E-02	2.1E-02	4.0E-03		5.0E-03 U
6/17/98	220	NYSDEC	SMB	Fillet	1	--	403	1,000	F	7					
6/17/98	220	NYSDEC	SMB	Fillet	1	--	403	1,000	F	7	1.6E-02	2.8E-02	7.0E-03		5.0E-03 U
6/17/98	220	NYSDEC	SMB	Fillet	1	--	365	690	F	7					
6/17/98	220	NYSDEC	SMB	Fillet	1	--	365	690	F	7	4.0E-03	8.0E-03	2.0E-03		5.0E-03 U
6/17/98	220	NYSDEC	WEYE	Fillet	1	--	603	2,500	UN	8					
6/17/98	220	NYSDEC	WEYE	Fillet	1	--	603	2,500	UN	8	1.6E-02	3.7E-02	8.0E-03		6.0E-03
6/17/98	220	NYSDEC	WEYE	Fillet	1	--	582	2,008	UN	8					
6/17/98	220	NYSDEC	WEYE	Fillet	1	--	582	2,008	UN	8	1.1E-02	3.7E-02	1.0E-02		5.0E-03 U
6/17/98	220	NYSDEC	WEYE	Fillet	1	--	593	2,402	UN	5					
6/17/98	220	NYSDEC	WEYE	Fillet	1	--	593	2,402	UN	5	7.0E-03	9.0E-03	3.0E-03		6.0E-03
6/17/98	220	NYSDEC	WP	Fillet	1	--	165	65	UN	3					
6/17/98	220	NYSDEC	WP	Fillet	1	--	165	65	UN	3	4.0E-03	6.0E-03	3.0E-03		5.0E-03 U
6/17/98	220	NYSDEC	WP	Fillet	1	--	170	80	UN	3					
6/17/98	220	NYSDEC	WP	Fillet	1	--	170	80	UN	3	2.0E-03	3.0E-03	2.0E-03 U		5.0E-03 U
6/17/98	220	NYSDEC	WP	Fillet	1	--	170	80	UN	2					
6/17/98	220	NYSDEC	WP	Fillet	1	--	170	80	UN	2	7.0E-03	9.0E-03	4.0E-03		7.0E-03
6/17/98	220	NYSDEC	WP	Fillet	1	--	167	65	UN	2					
6/17/98	220	NYSDEC	WP	Fillet	1	--	167	65	UN	2	8.0E-03	1.1E-02	5.0E-03		6.0E-03
6/17/98	220	NYSDEC	WP	Fillet	1	--	169	70	UN	2					
6/17/98	220	NYSDEC	WP	Fillet	1	--	169	70	UN	2	1.4E-02	1.8E-02	7.0E-03		6.0E-03
6/18/98	220	NYSDEC	WEYE	Fillet	1	--	426	910	UN	--					
6/18/98	220	NYSDEC	WEYE	Fillet	1	--	426	910	UN	--	5.0E-03	1.4E-02	2.0E-03		5.0E-03 U
6/22/98	220	NYSDEC	LMB	Fillet	1	--	398	1,020	M	9					
6/22/98	220	NYSDEC	LMB	Fillet	1	--	398	1,020	M	9	3.0E-03	8.0E-03	2.0E-03 U		5.0E-03 U
6/22/98	220	NYSDEC	LMB	Fillet	1	--	410	1,300	F	10					
6/22/98	220	NYSDEC	LMB	Fillet	1	--	410	1,300	F	10	2.0E-03 U	3.0E-03	2.0E-03 U		5.0E-03 U
6/22/98	220	NYSDEC	LMB	Fillet	1	--	380	820	F	8					
6/22/98	220	NYSDEC	LMB	Fillet	1	--	380	820	F	8	2.0E-03	3.0E-03	2.0E-03 U		5.0E-03 U
6/22/98	220	NYSDEC	NP	Fillet	1	--	902	4,725	--	7					
6/22/98	220	NYSDEC	NP	Fillet	1	--	902	4,725	--	7	1.6E-02	2.7E-02	3.0E-03		6.0E-03
6/22/98	220	NYSDEC	SMB	Fillet	1	--	391	920	F	8					
6/22/98	220	NYSDEC	SMB	Fillet	1	--	391	920	F	8	9.0E-03	1.7E-02	3.0E-03		8.0E-03
6/22/98	220	NYSDEC	SMB	Fillet	1	--	410	1,260	F	8					

Table I-13C. (cont.)

Date	Station	Source	Species	Sample	Number of Analysis	Individual Number	Length mm	Weight g	Sex	Age yrs	4,4'-DDD mg/kg-ww	4,4'-DDE mg/kg-ww	4,4'-DDT mg/kg-ww	α-Hexachloro-cyclohexane mg/kg-ww	Aldrin and dieldrin (Sum) mg/kg-ww
6/22/98	220	NYSDEC	SMB	Fillet	1	--	410	1,260	F	8	8.0E-03	1.6E-02	4.0E-03		5.0E-03 U
6/22/98	220	NYSDEC	SMB	Fillet	1	--	383	760	M	7					
6/22/98	220	NYSDEC	SMB	Fillet	1	--	383	760	M	7	1.2E-02	2.0E-02	5.0E-03		5.0E-03 U
6/22/98	220	NYSDEC	SMB	Fillet	1	--	341	600	M	7					
6/22/98	220	NYSDEC	SMB	Fillet	1	--	341	600	M	7	7.0E-03	1.8E-02	4.0E-03		5.0E-03 U
6/22/98	220	NYSDEC	WEYE	Fillet	1	--	478	1,110	UN	5					
6/22/98	220	NYSDEC	WEYE	Fillet	1	--	478	1,110	UN	5	8.3E-03 M	1.2E-02 M	3.0E-03 M		5.0E-03 UM
6/22/98	220	NYSDEC	WEYE	Fillet	1	--	478	1,110	UN	5					
7/28/98	220	NYSDEC	CHC	Fillet	1	--	462	970	--	--					
7/28/98	220	NYSDEC	CHC	Fillet	1	--	462	970	--	--	3.7E-02	0.1	7.0E-03		1.2E-02
7/28/98	220	NYSDEC	CHC	Fillet	1	--	451	960	--	--					
7/28/98	220	NYSDEC	CHC	Fillet	1	--	451	960	--	--	1.5E-02	6.0E-02	4.0E-03		1.0E-02
7/28/98	220	NYSDEC	CHC	Fillet	1	--	377	550	--	--					
7/28/98	220	NYSDEC	CHC	Fillet	1	--	377	550	--	--	5.2E-02	0.1	1.4E-02		5.0E-03 U
7/28/98	220	NYSDEC	CHC	Fillet	1	--	447	820	--	--					
7/28/98	220	NYSDEC	CHC	Fillet	1	--	447	820	--	--	1.6E-02	4.6E-02	7.0E-03		5.0E-03 U
7/28/98	220	NYSDEC	CHC	Fillet	1	--	375	500	--	--					
7/28/98	220	NYSDEC	CHC	Fillet	1	--	375	500	--	--	2.4E-02	5.9E-02	5.0E-03		5.0E-03 U
7/28/98	220	NYSDEC	LMB	Fillet	1	--	416	1,120	F	8					
7/28/98	220	NYSDEC	LMB	Fillet	1	--	416	1,120	F	8	2.0E-03	9.0E-03	2.0E-03 U		5.0E-03 U
6/24/99	220	NYSDEC	CHC	Fillet	1	--	460	846	--	--					
6/24/99	220	NYSDEC	CHC	Fillet	1	--	460	846	--	--	4.0E-03	1.5E-02	1.7E-02	5.0E-03 U	5.0E-03 U
6/24/99	220	NYSDEC	CARP	Fillet	1	--	669	4,364	--	--					
6/24/99	220	NYSDEC	CARP	Fillet	1	--	669	4,364	--	--	1.9E-02	7.1E-02	5.2E-02	5.0E-03 U	5.0E-03
6/24/99	220	NYSDEC	LMB	Fillet	1	--	470	1,544	F	8					
6/24/99	220	NYSDEC	LMB	Fillet	1	--	470	1,544	F	8	6.0E-03	2.0E-02	9.0E-03	5.0E-03 U	5.0E-03 U
6/24/99	220	NYSDEC	LMB	Fillet	1	--	384	924	M	8					
6/24/99	220	NYSDEC	LMB	Fillet	1	--	384	924	M	8	5.0E-03	2.1E-02	1.2E-02	5.0E-03 U	5.0E-03 U
6/24/99	220	NYSDEC	LMB	Fillet	1	--	439	1,784	F	7					
6/24/99	220	NYSDEC	LMB	Fillet	1	--	439	1,784	F	7	1.2E-02	5.2E-02	2.0E-02	5.0E-03 U	5.0E-03 U
6/24/99	220	NYSDEC	LMB	Fillet	1	--	464	1,700	F	9					
6/24/99	220	NYSDEC	LMB	Fillet	1	--	464	1,700	F	9	4.0E-03	1.6E-02	7.0E-03	5.0E-03 U	5.0E-03 U
6/30/99	220	NYSDEC	LMB	Fillet	1	--	453	1,654	F	7					
6/30/99	220	NYSDEC	LMB	Fillet	1	--	453	1,654	F	7	7.0E-03	3.3E-02	1.2E-02	5.0E-03 U	5.0E-03 U
6/30/99	220	NYSDEC	LMB	Fillet	1	--	406	1,163	F	6					
6/30/99	220	NYSDEC	LMB	Fillet	1	--	406	1,163	F	6	4.0E-03	1.8E-02	6.0E-03	5.0E-03 U	5.0E-03 U
6/30/99	220	NYSDEC	LMB	Fillet	1	--	385	852	M	6					
6/30/99	220	NYSDEC	LMB	Fillet	1	--	385	852	M	6	5.0E-03	2.0E-02	1.1E-02	5.0E-03 U	5.0E-03 U
6/30/99	220	NYSDEC	SMB	Fillet	1	--	445	1,190	F	9					
6/30/99	220	NYSDEC	SMB	Fillet	1	--	445	1,190	F	9	8.0E-03	2.9E-02	1.5E-02	5.0E-03 U	5.0E-03 U
6/30/99	220	NYSDEC	SMB	Fillet	1	--	440	1,050	M	9					
6/30/99	220	NYSDEC	SMB	Fillet	1	--	440	1,050	M	9	4.0E-03	1.2E-02	8.0E-03	5.0E-03 U	5.0E-03 U

Table I-13C. (cont.)

Date	Station	Source	Species	Sample	Number of Analysis	Individual Number	Length mm	Weight g	Sex	Age yrs	4,4'-DDD mg/kg-ww	4,4'-DDE mg/kg-ww	4,4'-DDT mg/kg-ww	α-Hexachloro-cyclohexane mg/kg-ww	Aldrin and dieldrin (Sum) mg/kg-ww
6/30/99	220	NYSDEC	SMB	Fillet	1	--	424	1,022	M	8					
6/30/99	220	NYSDEC	SMB	Fillet	1	--	424	1,022	M	8	1.0E-02	3.4E-02	2.1E-02	5.0E-03 U	5.0E-03 U
6/30/99	220	NYSDEC	SMB	Fillet	1	--	449	1,138	F	8					
6/30/99	220	NYSDEC	SMB	Fillet	1	--	449	1,138	F	8	6.0E-03	1.9E-02	1.2E-02	5.0E-03 U	5.0E-03 U
6/30/99	220	NYSDEC	SMB	Fillet	1	--	444	980	M	7					
6/30/99	220	NYSDEC	SMB	Fillet	1	--	444	980	M	7	2.0E-03	8.0E-03	8.0E-03	5.0E-03 U	5.0E-03 U
7/7/99	220	NYSDEC	CHC	Fillet	1	--	466	950	--	--					
7/7/99	220	NYSDEC	CHC	Fillet	1	--	466	950	--	--	1.4E-02	3.7E-02	3.2E-02	5.0E-03 U	5.0E-03 U
7/7/99	220	NYSDEC	CARP	Fillet	1	--	456	1,348	--	--					
7/7/99	220	NYSDEC	CARP	Fillet	1	--	456	1,348	--	--	3.0E-03	6.0E-03	6.0E-03	5.0E-03 U	5.0E-03 U
7/7/99	220	NYSDEC	CARP	Fillet	1	--	629	3,822	--	--					
7/7/99	220	NYSDEC	CARP	Fillet	1	--	629	3,822	--	--	4.4E-02	0.2	8.2E-02	5.0E-03 U	5.0E-03
7/7/99	220	NYSDEC	CARP	Fillet	1	--	590	3,222	--	--					
7/7/99	220	NYSDEC	CARP	Fillet	1	--	590	3,222	--	--	1.2E-02	0.1	4.9E-02	5.0E-03 U	5.0E-03 U
7/7/99	220	NYSDEC	CARP	Fillet	1	--	671	4,034	--	--					
7/7/99	220	NYSDEC	CARP	Fillet	1	--	671	4,034	--	--	1.4E-02	5.5E-02	3.2E-02	5.0E-03 U	5.0E-03 U
7/7/99	220	NYSDEC	LMB	Fillet	1	--	346	572	M	6					
7/7/99	220	NYSDEC	LMB	Fillet	1	--	346	572	M	6	2.0E-03	9.0E-03	7.0E-03	5.0E-03 U	5.0E-03 U
7/7/99	220	NYSDEC	WP	Fillet	1	--	204	126	--	--					
7/7/99	220	NYSDEC	WP	Fillet	1	--	204	126	--	--	1.4E-02	3.7E-02	2.4E-02	5.0E-03 U	5.0E-03
7/7/99	220	NYSDEC	WP	Fillet	1	--	204	152	--	--					
7/7/99	220	NYSDEC	WP	Fillet	1	--	204	152	--	--	1.6E-02	1.8E-02	3.6E-02	5.0E-03 U	5.0E-03 U
7/7/99	220	NYSDEC	WP	Fillet	1	--	173	82	--	--					
7/7/99	220	NYSDEC	WP	Fillet	1	--	173	82	--	--	1.0E-02	9.0E-03	1.1E-02	5.0E-03 U	5.0E-03 U
7/7/99	220	NYSDEC	WP	Fillet	1	--	188	118	--	--					
7/7/99	220	NYSDEC	WP	Fillet	1	--	188	118	--	--	5.0E-03	8.0E-03	1.1E-02	5.0E-03 U	5.0E-03 U
7/7/99	220	NYSDEC	WP	Fillet	1	--	165	68	--	--					
7/7/99	220	NYSDEC	WP	Fillet	1	--	165	68	--	--	8.0E-03	1.4E-02	1.8E-02	5.0E-03 U	5.0E-03
7/16/99	220	NYSDEC	CHC	Fillet	1	--	446	844	--	--					
7/16/99	220	NYSDEC	CHC	Fillet	1	--	446	844	--	--	2.0E-03	1.4E-02	9.0E-03	5.0E-03 U	5.0E-03 U
7/16/99	220	NYSDEC	CHC	Fillet	1	--	545	1,656	--	--					
7/16/99	220	NYSDEC	CHC	Fillet	1	--	545	1,656	--	--	1.2E-02	4.1E-02	7.0E-03	5.0E-03 U	5.0E-03 U
7/16/99	220	NYSDEC	CHC	Fillet	1	--	481	1,040	--	--					
7/16/99	220	NYSDEC	CHC	Fillet	1	--	481	1,040	--	--	1.3E-02	2.6E-02	1.5E-02	5.0E-03 U	5.0E-03 U

Table I-13C. (cont.)

Date	Station	Source	Species	Sample	Aldrin mg/kg-ww	Aroclor-1016 mg/kg-ww	Aroclor-1242 mg/kg-ww	Aroclor-1254 & Aroclor 1260 mg/kg-ww	β-Hexachloro-cyclohexane mg/kg-ww	Chlordane (Sum) mg/kg-ww	cis-Chlordane mg/kg-ww	Cis-nonachlor mg/kg-ww	DDT and metabolites (Sum) mg/kg-ww
7/7/94	220	NYSDEC	SMB	Standard Fillet						4.0E-02			
7/7/94	220	NYSDEC	SMB	Standard Fillet				1.1			5.0E-03 U		0.2
7/13/94	220	NYSDEC	SMB	Standard Fillet						2.5E-02 U			
7/13/94	220	NYSDEC	SMB	Standard Fillet				0.4			5.0E-03 U		5.6E-02
7/13/94	220	NYSDEC	SMB	Standard Fillet						5.2E-02			
7/13/94	220	NYSDEC	SMB	Standard Fillet				0.6			6.0E-03		8.4E-02
7/13/94	220	NYSDEC	SMB	Standard Fillet						3.0E-02			
7/13/94	220	NYSDEC	SMB	Standard Fillet				0.4			5.0E-03 U		5.0E-02
7/13/94	220	NYSDEC	SMB	Standard Fillet						1.0E-02			
7/13/94	220	NYSDEC	SMB	Standard Fillet				0.5			5.0E-03 U		6.0E-02
7/13/94	220	NYSDEC	SMB	Standard Fillet						4.2E-02			
7/13/94	220	NYSDEC	SMB	Standard Fillet				0.8			5.0E-03		0.1
7/13/94	220	NYSDEC	SMB	Standard Fillet						1.0E-02			
7/13/94	220	NYSDEC	SMB	Standard Fillet				0.6			5.0E-03 U		7.8E-02
6/27/96	220	NYSDEC	SMB	Standard Fillet						1.0E-02 U			
6/27/96	220	NYSDEC	SMB	Standard Fillet		1.1		0.2			5.0E-03 U		2.5E-02
6/27/96	220	NYSDEC	SMB	Standard Fillet						1.0E-02 U			
6/27/96	220	NYSDEC	SMB	Standard Fillet		1.0		0.1			5.0E-03 U		8.0E-03
6/27/96	220	NYSDEC	SMB	Standard Fillet						1.0E-02 U			
6/27/96	220	NYSDEC	SMB	Standard Fillet		0.1		0.2			5.0E-03 U		1.9E-02
7/1/96	220	NYSDEC	LMB	Standard Fillet						1.0E-02 U			
7/1/96	220	NYSDEC	LMB	Standard Fillet		3.2E-02		4.3E-02			5.0E-03 U		2.0E-03
7/1/96	220	NYSDEC	LMB	Standard Fillet						1.0E-02 U			
7/1/96	220	NYSDEC	LMB	Standard Fillet		2.8E-02		4.9E-02			5.0E-03 U		2.0E-03 U
7/2/96	220	NYSDEC	LMB	Standard Fillet						1.0E-02 U			
7/2/96	220	NYSDEC	LMB	Standard Fillet		2.0E-02 U		2.0E-02 U			5.0E-03 U		2.0E-03 U
7/2/96	220	NYSDEC	LMB	Standard Fillet						1.0E-02 U			
7/2/96	220	NYSDEC	LMB	Standard Fillet		4.1E-02 M		4.6E-02 M			5.0E-03 UM		6.0E-03 M
7/2/96	220	NYSDEC	LMB	Standard Fillet						1.0E-02 U			
7/2/96	220	NYSDEC	LMB	Standard Fillet		3.2E-02 M		3.9E-02 M			5.0E-03 UM		2.0E-03 M
7/2/96	220	NYSDEC	LMB	Standard Fillet						1.0E-02 U			
7/2/96	220	NYSDEC	LMB	Standard Fillet		2.0E-02 U		2.0E-02 U			5.0E-03 U		2.0E-03 U
7/2/96	220	NYSDEC	LMB	Standard Fillet						1.0E-02 U			
7/2/96	220	NYSDEC	LMB	Standard Fillet		4.9E-02		6.0E-02			5.0E-03 U		1.0E-02
7/2/96	220	NYSDEC	LMB	Standard Fillet						1.0E-02 U			
7/2/96	220	NYSDEC	LMB	Standard Fillet		2.0E-02 U		2.0E-02			5.0E-03 U		8.0E-03
7/2/96	220	NYSDEC	LMB	Standard Fillet						1.0E-02 U			
7/2/96	220	NYSDEC	LMB	Standard Fillet		2.0E-02 U		2.9E-02			5.0E-03 U		3.0E-03
7/2/96	220	NYSDEC	LMB	Standard Fillet						1.0E-02 U			
7/2/96	220	NYSDEC	LMB	Standard Fillet		2.0E-02 U		2.3E-02			5.0E-03 U		4.0E-03
7/2/96	220	NYSDEC	SMB	Standard Fillet						1.0E-02 U			
7/2/96	220	NYSDEC	SMB	Standard Fillet		0.1		0.2			5.0E-03 U		1.6E-02

Table I-13C. (cont.)

Date	Station	Source	Species	Sample	Aldrin mg/kg-ww	Aroclor-1016 mg/kg-ww	Aroclor-1242 mg/kg-ww	Aroclor-1254 & Aroclor 1260 mg/kg-ww	β-Hexachloro-cyclohexane mg/kg-ww	Chlordane (Sum) mg/kg-ww	cis-Chlordane mg/kg-ww	Cis-nonachlor mg/kg-ww	DDT and metabolites (Sum) mg/kg-ww
7/2/96	220	NYSDEC	SMB	Standard Fillet						5.0E-03			
7/2/96	220	NYSDEC	SMB	Standard Fillet									
7/2/96	220	NYSDEC	SMB	Standard Fillet		0.1		0.2			5.0E-03 U		2.6E-02
7/8/96	220	NYSDEC	SMB	Standard Fillet						1.0E-02 U			
7/8/96	220	NYSDEC	SMB	Standard Fillet		0.1		0.2			5.0E-03 U		1.5E-02
7/8/96	220	NYSDEC	SMB	Standard Fillet						1.2E-02			
7/8/96	220	NYSDEC	SMB	Standard Fillet		0.3		0.4			5.0E-03 U		4.1E-02
7/8/96	220	NYSDEC	SMB	Standard Fillet						1.0E-02 U			
7/8/96	220	NYSDEC	SMB	Standard Fillet		6.3E-02		0.1			5.0E-03 U		3.5E-02
7/8/96	220	NYSDEC	SMB	Standard Fillet						1.0E-02 U			
7/8/96	220	NYSDEC	SMB	Standard Fillet		6.8E-02		0.2			5.0E-03 U		1.5E-02
7/8/96	220	NYSDEC	SMB	Standard Fillet						1.0E-02 U			
7/8/96	220	NYSDEC	SMB	Standard Fillet		0.1		0.1			5.0E-03 U		2.7E-02
6/30/97	220	NYSDEC	LMB	Standard Fillet						1.0E-02 U			
6/30/97	220	NYSDEC	LMB	Standard Fillet		0.1		0.2			5.0E-03 U		2.4E-02
6/30/97	220	NYSDEC	LMB	Standard Fillet						1.0E-02 U			
6/30/97	220	NYSDEC	LMB	Standard Fillet		2.9E-02		6.6E-02			5.0E-03 U		4.0E-03
6/30/97	220	NYSDEC	LMB	Standard Fillet						1.0E-02 U			
6/30/97	220	NYSDEC	LMB	Standard Fillet		2.2E-02		7.5E-02			5.0E-03 U		1.0E-02
6/30/97	220	NYSDEC	LMB	Standard Fillet						1.0E-02 U			
6/30/97	220	NYSDEC	LMB	Standard Fillet		9.5E-02		0.2			5.0E-03 U		1.9E-02
6/30/97	220	NYSDEC	LMB	Standard Fillet						1.0E-02 U			
6/30/97	220	NYSDEC	LMB	Standard Fillet		0.3		0.8			5.0E-03 U		6.7E-02
6/30/97	220	NYSDEC	SMB	Standard Fillet						1.0E-02 U			
6/30/97	220	NYSDEC	SMB	Standard Fillet		4.9E-02		0.1			5.0E-03 U		1.7E-02
6/30/97	220	NYSDEC	WP	Standard Fillet						1.0E-02 U			
6/30/97	220	NYSDEC	WP	Standard Fillet		6.2E-02		0.3			5.0E-03 U		2.1E-02
6/30/97	220	NYSDEC	WP	Standard Fillet						1.0E-02 U			
6/30/97	220	NYSDEC	WP	Standard Fillet		0.3		0.8			5.0E-03 U		4.8E-02
6/30/97	220	NYSDEC	WP	Standard Fillet						1.0E-02 U			
6/30/97	220	NYSDEC	WP	Standard Fillet		0.3		0.5			5.0E-03 U		3.9E-02
6/30/97	220	NYSDEC	WP	Standard Fillet						6.0E-03			
6/30/97	220	NYSDEC	WP	Standard Fillet		0.4		0.7			6.0E-03		4.5E-02
6/30/97	220	NYSDEC	WP	Standard Fillet						1.0E-02 U			
6/30/97	220	NYSDEC	WP	Standard Fillet		0.1		0.3			5.0E-03 U		1.7E-02
7/1/97	220	NYSDEC	SMB	Standard Fillet						5.0E-03			
7/1/97	220	NYSDEC	SMB	Standard Fillet		0.1		0.5			5.0E-03 U		3.8E-02
7/1/97	220	NYSDEC	SMB	Standard Fillet						1.0E-02 U			
7/1/97	220	NYSDEC	SMB	Standard Fillet		0.1		0.2			5.0E-03 U		1.9E-02
7/1/97	220	NYSDEC	SMB	Standard Fillet						1.0E-02 U			
7/1/97	220	NYSDEC	SMB	Standard Fillet		0.1		0.3			5.0E-03 U		2.0E-02
7/3/97	220	NYSDEC	SMB	Standard Fillet						1.0E-02 U			

Table I-13C. (cont.)

Date	Station	Source	Species	Sample	Aldrin mg/kg-ww	Aroclor-1016 mg/kg-ww	Aroclor-1242 mg/kg-ww	Aroclor-1254 & Aroclor 1260 mg/kg-ww	β-Hexachloro-cyclohexane mg/kg-ww	Chlordane (Sum) mg/kg-ww	cis-Chlordane mg/kg-ww	Cis-nonachlor mg/kg-ww	DDT and metabolites (Sum) mg/kg-ww
7/3/97	220	NYSDEC	SMB	Standard Fillet		9.6E-02		0.2			5.0E-03 U		1.2E-02
7/3/97	220	NYSDEC	SMB	Standard Fillet						1.0E-02 U			
7/3/97	220	NYSDEC	SMB	Standard Fillet		7.2E-02		0.2			5.0E-03 U		1.5E-02
7/3/97	220	NYSDEC	SMB	Standard Fillet						1.0E-02 U			
7/3/97	220	NYSDEC	SMB	Standard Fillet		5.4E-02		3.0E-02			5.0E-03 U		2.0E-03
6/17/98	220	NYSDEC	LMB	Standard Fillet						1.0E-02 U			
6/17/98	220	NYSDEC	LMB	Standard Fillet		0.1		0.3			5.0E-03 U		1.4E-02
6/17/98	220	NYSDEC	SMB	Standard Fillet						1.0E-02 U			
6/17/98	220	NYSDEC	SMB	Standard Fillet		0.3		0.5			5.0E-03 U		3.5E-02
6/17/98	220	NYSDEC	SMB	Standard Fillet						1.1E-02			
6/17/98	220	NYSDEC	SMB	Standard Fillet		0.7		0.8			5.0E-03		5.1E-02
6/17/98	220	NYSDEC	SMB	Standard Fillet						1.0E-02 U			
6/17/98	220	NYSDEC	SMB	Standard Fillet		0.2		0.3			5.0E-03 U		1.4E-02
6/17/98	220	NYSDEC	WEYE	Standard Fillet						1.1E-02			
6/17/98	220	NYSDEC	WEYE	Standard Fillet		0.5		0.8			6.0E-03		6.1E-02
6/17/98	220	NYSDEC	WEYE	Standard Fillet						1.0E-02			
6/17/98	220	NYSDEC	WEYE	Standard Fillet		0.4		1.0			5.0E-03		5.8E-02
6/17/98	220	NYSDEC	WEYE	Standard Fillet						1.0E-02 U			
6/17/98	220	NYSDEC	WEYE	Standard Fillet		0.4		0.3			5.0E-03 U		1.9E-02
6/17/98	220	NYSDEC	WP	Standard Fillet						1.0E-02 U			
6/17/98	220	NYSDEC	WP	Standard Fillet		0.2		0.2			5.0E-03 U		1.3E-02
6/17/98	220	NYSDEC	WP	Standard Fillet						1.0E-02 U			
6/17/98	220	NYSDEC	WP	Standard Fillet		6.0E-02		8.9E-02			5.0E-03 U		5.0E-03
6/17/98	220	NYSDEC	WP	Standard Fillet						1.0E-02 U			
6/17/98	220	NYSDEC	WP	Standard Fillet		0.3		0.4			5.0E-03 U		2.0E-02
6/17/98	220	NYSDEC	WP	Standard Fillet						1.0E-02 U			
6/17/98	220	NYSDEC	WP	Standard Fillet		0.3		0.4			5.0E-03 U		2.4E-02
6/17/98	220	NYSDEC	WP	Standard Fillet						5.0E-03			
6/17/98	220	NYSDEC	WP	Standard Fillet		0.6		0.7			5.0E-03		3.9E-02
6/18/98	220	NYSDEC	WEYE	Standard Fillet						1.0E-02 U			
6/18/98	220	NYSDEC	WEYE	Standard Fillet		0.1		0.2			5.0E-03 U		2.1E-02
6/22/98	220	NYSDEC	LMB	Standard Fillet						1.0E-02 U			
6/22/98	220	NYSDEC	LMB	Standard Fillet		6.3E-02		0.1			5.0E-03 U		1.1E-02
6/22/98	220	NYSDEC	LMB	Standard Fillet						1.0E-02 U			
6/22/98	220	NYSDEC	LMB	Standard Fillet		4.3E-02		7.2E-02			5.0E-03 U		3.0E-03
6/22/98	220	NYSDEC	LMB	Standard Fillet						1.0E-02 U			
6/22/98	220	NYSDEC	LMB	Standard Fillet		5.0E-02		8.6E-02			5.0E-03 U		5.0E-03
6/22/98	220	NYSDEC	NP	Standard Fillet						1.0E-02 U			
6/22/98	220	NYSDEC	NP	Standard Fillet		0.4		0.5			5.0E-03 U		4.6E-02
6/22/98	220	NYSDEC	SMB	Standard Fillet						1.0E-02 U			
6/22/98	220	NYSDEC	SMB	Standard Fillet		0.2		0.3			5.0E-03 U		2.9E-02
6/22/98	220	NYSDEC	SMB	Standard Fillet						1.0E-02 U			

Table I-13C. (cont.)

Date	Station	Source	Species	Sample	Aldrin mg/kg-ww	Aroclor-1016 mg/kg-ww	Aroclor-1242 mg/kg-ww	Aroclor-1254 & Aroclor 1260 mg/kg-ww	β-Hexachloro-cyclohexane mg/kg-ww	Chlordane (Sum) mg/kg-ww	cis-Chlordane mg/kg-ww	Cis-nonachlor mg/kg-ww	DDT and metabolites (Sum) mg/kg-ww
6/22/98	220	NYSDEC	SMB	Standard Fillet		0.2		0.3			5.0E-03 U		2.8E-02
6/22/98	220	NYSDEC	SMB	Standard Fillet						1.0E-02 U			
6/22/98	220	NYSDEC	SMB	Standard Fillet		0.4		0.5			5.0E-03 U		3.7E-02
6/22/98	220	NYSDEC	SMB	Standard Fillet						1.0E-02 U			
6/22/98	220	NYSDEC	SMB	Standard Fillet		0.2		0.4			5.0E-03 U		2.9E-02
6/22/98	220	NYSDEC	WEYE	Standard Fillet						1.0E-02 U			
6/22/98	220	NYSDEC	WEYE	Standard Fillet		0.3 M		0.3 M			5.0E-03 UM		2.3E-02 M
6/22/98	220	NYSDEC	WEYE	Standard Fillet									
7/28/98	220	NYSDEC	CHC	Standard Fillet						1.5E-02			
7/28/98	220	NYSDEC	CHC	Standard Fillet		0.8		1.7			9.0E-03		0.1
7/28/98	220	NYSDEC	CHC	Standard Fillet						1.0E-02 U			
7/28/98	220	NYSDEC	CHC	Standard Fillet		0.2		0.9			5.0E-03 U		7.9E-02
7/28/98	220	NYSDEC	CHC	Standard Fillet						3.9E-02			
7/28/98	220	NYSDEC	CHC	Standard Fillet		0.6		1.2			1.3E-02		0.2
7/28/98	220	NYSDEC	CHC	Standard Fillet						2.1E-02			
7/28/98	220	NYSDEC	CHC	Standard Fillet		0.3		0.9			5.0E-03		6.9E-02
7/28/98	220	NYSDEC	CHC	Standard Fillet						1.3E-02			
7/28/98	220	NYSDEC	CHC	Standard Fillet		0.3		1.0			6.0E-03		8.8E-02
7/28/98	220	NYSDEC	LMB	Standard Fillet						1.0E-02 U			
7/28/98	220	NYSDEC	LMB	Standard Fillet		5.3E-02		0.1			5.0E-03 U		1.1E-02
6/24/99	220	NYSDEC	CHC	Fillet						5.0E-03			
6/24/99	220	NYSDEC	CHC	Fillet	5.0E-03 U		0.2	0.4	5.0E-03 U		5.0E-03 U	5.0E-03 U	3.6E-02
6/24/99	220	NYSDEC	CARP	Fillet						4.5E-02			
6/24/99	220	NYSDEC	CARP	Fillet	5.0E-03 U		0.9	1.1	5.0E-03 U		5.0E-03	7.0E-03	0.1
6/24/99	220	NYSDEC	LMB	Standard Fillet						1.0E-02			
6/24/99	220	NYSDEC	LMB	Standard Fillet	5.0E-03 U		0.2	0.3	5.0E-03 U		5.0E-03 U	5.0E-03 U	3.5E-02
6/24/99	220	NYSDEC	LMB	Standard Fillet						6.0E-03			
6/24/99	220	NYSDEC	LMB	Standard Fillet	5.0E-03 U		0.2	0.3	5.0E-03 U		5.0E-03 U	5.0E-03 U	3.8E-02
6/24/99	220	NYSDEC	LMB	Standard Fillet						1.3E-02			
6/24/99	220	NYSDEC	LMB	Standard Fillet	5.0E-03 U		0.5	0.4	5.0E-03 U		5.0E-03 U	5.0E-03 U	8.4E-02
6/24/99	220	NYSDEC	LMB	Standard Fillet						6.0E-03			
6/24/99	220	NYSDEC	LMB	Standard Fillet	5.0E-03 U		0.1	0.2	5.0E-03 U		5.0E-03 U	5.0E-03 U	2.7E-02
6/30/99	220	NYSDEC	LMB	Standard Fillet						1.2E-02			
6/30/99	220	NYSDEC	LMB	Standard Fillet	5.0E-03 U		0.3	0.4	5.0E-03 U		5.0E-03 U	5.0E-03 U	5.2E-02
6/30/99	220	NYSDEC	LMB	Standard Fillet						6.0E-03			
6/30/99	220	NYSDEC	LMB	Standard Fillet	5.0E-03 U		0.1	0.2	5.0E-03 U		5.0E-03 U	5.0E-03 U	2.8E-02
6/30/99	220	NYSDEC	LMB	Standard Fillet						1.1E-02			
6/30/99	220	NYSDEC	LMB	Standard Fillet	5.0E-03 U		0.2	0.3	5.0E-03 U		5.0E-03 U	5.0E-03 U	3.6E-02
6/30/99	220	NYSDEC	SMB	Standard Fillet						1.0E-02			
6/30/99	220	NYSDEC	SMB	Standard Fillet	5.0E-03 U		0.3	0.3	5.0E-03 U		5.0E-03 U	5.0E-03 U	5.2E-02
6/30/99	220	NYSDEC	SMB	Standard Fillet						5.0E-03 U			
6/30/99	220	NYSDEC	SMB	Standard Fillet	5.0E-03 U		0.1	0.2	5.0E-03 U		5.0E-03 U	5.0E-03 U	2.4E-02

Table I-13C. (cont.)

Date	Station	Source	Species	Sample	Aldrin mg/kg-ww	Aroclor-1016 mg/kg-ww	Aroclor-1242 mg/kg-ww	Aroclor-1254 & Aroclor 1260 mg/kg-ww	β-Hexachloro-cyclohexane mg/kg-ww	Chlordane (Sum) mg/kg-ww	cis-Chlordane mg/kg-ww	Cis-nonachlor mg/kg-ww	DDT and metabolites (Sum) mg/kg-ww
6/30/99	220	NYSDEC	SMB	Standard Fillet						1.3E-02			
6/30/99	220	NYSDEC	SMB	Standard Fillet	5.0E-03 U		0.3	0.4	5.0E-03 U		5.0E-03 U	5.0E-03 U	6.5E-02
6/30/99	220	NYSDEC	SMB	Standard Fillet						7.0E-03			
6/30/99	220	NYSDEC	SMB	Standard Fillet	5.0E-03 U		0.2	0.3	5.0E-03 U		5.0E-03 U	5.0E-03 U	3.7E-02
6/30/99	220	NYSDEC	SMB	Standard Fillet						5.0E-03			
6/30/99	220	NYSDEC	SMB	Standard Fillet	5.0E-03 U		9.9E-02	0.2	5.0E-03 U		5.0E-03 U	5.0E-03 U	1.8E-02
7/7/99	220	NYSDEC	CHC	Fillet						3.5E-02			
7/7/99	220	NYSDEC	CHC	Fillet	5.0E-03 U		0.4	0.7	5.0E-03 U		5.0E-03	5.0E-03 U	8.3E-02
7/7/99	220	NYSDEC	CARP	Fillet						6.0E-03			
7/7/99	220	NYSDEC	CARP	Fillet	5.0E-03 U		0.3	0.2	5.0E-03 U		5.0E-03 U	5.0E-03 U	1.5E-02
7/7/99	220	NYSDEC	CARP	Fillet						9.5E-02			
7/7/99	220	NYSDEC	CARP	Fillet	5.0E-03 U		2.0	1.9	5.0E-03 U		1.3E-02	1.3E-02	0.3
7/7/99	220	NYSDEC	CARP	Fillet						2.2E-02			
7/7/99	220	NYSDEC	CARP	Fillet	5.0E-03 U		0.6	1.1	5.0E-03 U		5.0E-03 U	5.0E-03	0.2
7/7/99	220	NYSDEC	CARP	Fillet						1.8E-02			
7/7/99	220	NYSDEC	CARP	Fillet	5.0E-03 U		0.6	0.8	5.0E-03 U		5.0E-03 U	5.0E-03 U	0.1
7/7/99	220	NYSDEC	LMB	Standard Fillet						7.0E-03			
7/7/99	220	NYSDEC	LMB	Standard Fillet	5.0E-03 U		0.2	0.3	5.0E-03 U		5.0E-03 U	5.0E-03 U	1.8E-02
7/7/99	220	NYSDEC	WP	Fillet						4.0E-02			
7/7/99	220	NYSDEC	WP	Fillet	5.0E-03 U		0.8	0.6	5.0E-03 U		6.0E-03	5.0E-03	7.5E-02
7/7/99	220	NYSDEC	WP	Fillet						4.1E-02			
7/7/99	220	NYSDEC	WP	Fillet	5.0E-03 U		1.0	0.6	5.0E-03 U		6.0E-03	6.0E-03	7.0E-02
7/7/99	220	NYSDEC	WP	Fillet						1.4E-02			
7/7/99	220	NYSDEC	WP	Fillet	5.0E-03 U		0.5	0.3	5.0E-03 U		5.0E-03 U	5.0E-03 U	3.0E-02
7/7/99	220	NYSDEC	WP	Fillet						9.0E-03			
7/7/99	220	NYSDEC	WP	Fillet	5.0E-03 U		0.3	0.2	5.0E-03 U		5.0E-03 U	5.0E-03 U	2.4E-02
7/7/99	220	NYSDEC	WP	Fillet						2.3E-02			
7/7/99	220	NYSDEC	WP	Fillet	5.0E-03 U		0.7	0.4	5.0E-03 U		5.0E-03	5.0E-03 U	4.0E-02
7/16/99	220	NYSDEC	CHC	Fillet						5.0E-03 U			
7/16/99	220	NYSDEC	CHC	Fillet	5.0E-03 U		9.0E-02	0.2	5.0E-03 U		5.0E-03 U	5.0E-03 U	2.5E-02
7/16/99	220	NYSDEC	CHC	Fillet						2.8E-02			
7/16/99	220	NYSDEC	CHC	Fillet	5.0E-03 U		0.4	0.4	5.0E-03 U		5.0E-03	5.0E-03 U	6.0E-02
7/16/99	220	NYSDEC	CHC	Fillet						2.6E-02			
7/16/99	220	NYSDEC	CHC	Fillet	5.0E-03 U		0.6	0.4	5.0E-03 U		5.0E-03	5.0E-03 U	5.4E-02

Table I-13C. (cont.)

Date	Station	Source	Species	Sample	δ-Hexachloro-cyclohexane mg/kg-ww	Dieldrin & Aldrin mg/kg-ww	Dieldrin mg/kg-ww	Endosulfan I mg/kg-ww	Endosulfan II mg/kg-ww	Endosulfan sulfate mg/kg-ww	Endrin aldehyde mg/kg-ww	Endrin mg/kg-ww	γ-Hexachloro-cyclohexane mg/kg-ww
7/7/94	220	NYSDEC	SMB	Standard Fillet									
7/7/94	220	NYSDEC	SMB	Standard Fillet		5.0E-03 U	5.0E-03 U					5.0E-03 U	
7/13/94	220	NYSDEC	SMB	Standard Fillet									
7/13/94	220	NYSDEC	SMB	Standard Fillet		5.0E-03 U	5.0E-03 U					5.0E-03 U	
7/13/94	220	NYSDEC	SMB	Standard Fillet									
7/13/94	220	NYSDEC	SMB	Standard Fillet		5.0E-03 U	5.0E-03 U					5.0E-03 U	
7/13/94	220	NYSDEC	SMB	Standard Fillet									
7/13/94	220	NYSDEC	SMB	Standard Fillet		5.0E-03 U	5.0E-03 U					5.0E-03 U	
7/13/94	220	NYSDEC	SMB	Standard Fillet									
7/13/94	220	NYSDEC	SMB	Standard Fillet		5.0E-03 U	5.0E-03 U					5.0E-03 U	
7/13/94	220	NYSDEC	SMB	Standard Fillet									
7/13/94	220	NYSDEC	SMB	Standard Fillet		5.0E-03 U	5.0E-03 U					5.0E-03 U	
6/27/96	220	NYSDEC	SMB	Standard Fillet									
6/27/96	220	NYSDEC	SMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
6/27/96	220	NYSDEC	SMB	Standard Fillet									
6/27/96	220	NYSDEC	SMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
6/27/96	220	NYSDEC	SMB	Standard Fillet									
6/27/96	220	NYSDEC	SMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
7/1/96	220	NYSDEC	LMB	Standard Fillet									
7/1/96	220	NYSDEC	LMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
7/1/96	220	NYSDEC	LMB	Standard Fillet									
7/1/96	220	NYSDEC	LMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
7/2/96	220	NYSDEC	LMB	Standard Fillet									
7/2/96	220	NYSDEC	LMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
7/2/96	220	NYSDEC	LMB	Standard Fillet									
7/2/96	220	NYSDEC	LMB	Standard Fillet			5.0E-03 UM					5.0E-03 UM	
7/2/96	220	NYSDEC	LMB	Standard Fillet									
7/2/96	220	NYSDEC	LMB	Standard Fillet			5.0E-03 UM					5.0E-03 UM	
7/2/96	220	NYSDEC	LMB	Standard Fillet									
7/2/96	220	NYSDEC	LMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
7/2/96	220	NYSDEC	LMB	Standard Fillet									
7/2/96	220	NYSDEC	LMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
7/2/96	220	NYSDEC	LMB	Standard Fillet									
7/2/96	220	NYSDEC	LMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
7/2/96	220	NYSDEC	LMB	Standard Fillet									
7/2/96	220	NYSDEC	LMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
7/2/96	220	NYSDEC	LMB	Standard Fillet									
7/2/96	220	NYSDEC	LMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
7/2/96	220	NYSDEC	SMB	Standard Fillet									
7/2/96	220	NYSDEC	SMB	Standard Fillet			5.0E-03 U					5.0E-03 U	

Table I-13C. (cont.)

Date	Station	Source	Species	Sample	δ-Hexachloro-cyclohexane mg/kg-ww	Dieldrin & Aldrin mg/kg-ww	Dieldrin mg/kg-ww	Endosulfan I mg/kg-ww	Endosulfan II mg/kg-ww	Endosulfan sulfate mg/kg-ww	Endrin aldehyde mg/kg-ww	Endrin mg/kg-ww	γ-Hexachloro-cyclohexane mg/kg-ww
7/2/96	220	NYSDEC	SMB	Standard Fillet									
7/2/96	220	NYSDEC	SMB	Standard Fillet									
7/2/96	220	NYSDEC	SMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
7/8/96	220	NYSDEC	SMB	Standard Fillet									
7/8/96	220	NYSDEC	SMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
7/8/96	220	NYSDEC	SMB	Standard Fillet									
7/8/96	220	NYSDEC	SMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
7/8/96	220	NYSDEC	SMB	Standard Fillet									
7/8/96	220	NYSDEC	SMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
7/8/96	220	NYSDEC	SMB	Standard Fillet									
7/8/96	220	NYSDEC	SMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
7/8/96	220	NYSDEC	SMB	Standard Fillet									
7/8/96	220	NYSDEC	SMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
6/30/97	220	NYSDEC	LMB	Standard Fillet									
6/30/97	220	NYSDEC	LMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
6/30/97	220	NYSDEC	LMB	Standard Fillet									
6/30/97	220	NYSDEC	LMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
6/30/97	220	NYSDEC	LMB	Standard Fillet									
6/30/97	220	NYSDEC	LMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
6/30/97	220	NYSDEC	LMB	Standard Fillet									
6/30/97	220	NYSDEC	LMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
6/30/97	220	NYSDEC	LMB	Standard Fillet									
6/30/97	220	NYSDEC	LMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
6/30/97	220	NYSDEC	SMB	Standard Fillet									
6/30/97	220	NYSDEC	SMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
6/30/97	220	NYSDEC	WP	Standard Fillet									
6/30/97	220	NYSDEC	WP	Standard Fillet			5.0E-03 U					5.0E-03 U	
6/30/97	220	NYSDEC	WP	Standard Fillet									
6/30/97	220	NYSDEC	WP	Standard Fillet			5.0E-03 U					5.0E-03 U	
6/30/97	220	NYSDEC	WP	Standard Fillet									
6/30/97	220	NYSDEC	WP	Standard Fillet			5.0E-03 U					5.0E-03 U	
6/30/97	220	NYSDEC	WP	Standard Fillet									
6/30/97	220	NYSDEC	WP	Standard Fillet			5.0E-03 U					5.0E-03 U	
6/30/97	220	NYSDEC	WP	Standard Fillet									
6/30/97	220	NYSDEC	WP	Standard Fillet			5.0E-03 U					5.0E-03 U	
7/1/97	220	NYSDEC	SMB	Standard Fillet									
7/1/97	220	NYSDEC	SMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
7/1/97	220	NYSDEC	SMB	Standard Fillet									
7/1/97	220	NYSDEC	SMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
7/1/97	220	NYSDEC	SMB	Standard Fillet									
7/1/97	220	NYSDEC	SMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
7/3/97	220	NYSDEC	SMB	Standard Fillet									

Table I-13C. (cont.)

Date	Station	Source	Species	Sample	δ-Hexachloro-cyclohexane mg/kg-ww	Dieldrin & Aldrin mg/kg-ww	Dieldrin mg/kg-ww	Endosulfan I mg/kg-ww	Endosulfan II mg/kg-ww	Endosulfan sulfate mg/kg-ww	Endrin aldehyde mg/kg-ww	Endrin mg/kg-ww	γ-Hexachloro-cyclohexane mg/kg-ww
7/3/97	220	NYSDEC	SMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
7/3/97	220	NYSDEC	SMB	Standard Fillet									
7/3/97	220	NYSDEC	SMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
7/3/97	220	NYSDEC	SMB	Standard Fillet									
7/3/97	220	NYSDEC	SMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
6/17/98	220	NYSDEC	LMB	Standard Fillet									
6/17/98	220	NYSDEC	LMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
6/17/98	220	NYSDEC	SMB	Standard Fillet									
6/17/98	220	NYSDEC	SMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
6/17/98	220	NYSDEC	SMB	Standard Fillet									
6/17/98	220	NYSDEC	SMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
6/17/98	220	NYSDEC	SMB	Standard Fillet									
6/17/98	220	NYSDEC	SMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
6/17/98	220	NYSDEC	WEYE	Standard Fillet									
6/17/98	220	NYSDEC	WEYE	Standard Fillet			6.0E-03					5.0E-03 U	
6/17/98	220	NYSDEC	WEYE	Standard Fillet									
6/17/98	220	NYSDEC	WEYE	Standard Fillet			5.0E-03 U					5.0E-03 U	
6/17/98	220	NYSDEC	WEYE	Standard Fillet									
6/17/98	220	NYSDEC	WEYE	Standard Fillet			6.0E-03					5.0E-03 U	
6/17/98	220	NYSDEC	WP	Standard Fillet									
6/17/98	220	NYSDEC	WP	Standard Fillet			5.0E-03 U					5.0E-03 U	
6/17/98	220	NYSDEC	WP	Standard Fillet									
6/17/98	220	NYSDEC	WP	Standard Fillet			5.0E-03 U					5.0E-03 U	
6/17/98	220	NYSDEC	WP	Standard Fillet									
6/17/98	220	NYSDEC	WP	Standard Fillet			7.0E-03					5.0E-03 U	
6/17/98	220	NYSDEC	WP	Standard Fillet									
6/17/98	220	NYSDEC	WP	Standard Fillet			6.0E-03					5.0E-03 U	
6/17/98	220	NYSDEC	WP	Standard Fillet									
6/17/98	220	NYSDEC	WP	Standard Fillet			6.0E-03					5.0E-03 U	
6/18/98	220	NYSDEC	WEYE	Standard Fillet									
6/18/98	220	NYSDEC	WEYE	Standard Fillet			5.0E-03 U					5.0E-03 U	
6/22/98	220	NYSDEC	LMB	Standard Fillet									
6/22/98	220	NYSDEC	LMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
6/22/98	220	NYSDEC	LMB	Standard Fillet									
6/22/98	220	NYSDEC	LMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
6/22/98	220	NYSDEC	LMB	Standard Fillet									
6/22/98	220	NYSDEC	LMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
6/22/98	220	NYSDEC	NP	Standard Fillet									
6/22/98	220	NYSDEC	NP	Standard Fillet			6.0E-03					5.0E-03 U	
6/22/98	220	NYSDEC	SMB	Standard Fillet									
6/22/98	220	NYSDEC	SMB	Standard Fillet			8.0E-03					5.0E-03 U	
6/22/98	220	NYSDEC	SMB	Standard Fillet									

Table I-13C. (cont.)

Date	Station	Source	Species	Sample	δ-Hexachloro-cyclohexane mg/kg-ww	Dieldrin & Aldrin mg/kg-ww	Dieldrin mg/kg-ww	Endosulfan I mg/kg-ww	Endosulfan II mg/kg-ww	Endosulfan sulfate mg/kg-ww	Endrin aldehyde mg/kg-ww	Endrin mg/kg-ww	γ-Hexachloro-cyclohexane mg/kg-ww
6/22/98	220	NYSDEC	SMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
6/22/98	220	NYSDEC	SMB	Standard Fillet									
6/22/98	220	NYSDEC	SMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
6/22/98	220	NYSDEC	SMB	Standard Fillet									
6/22/98	220	NYSDEC	SMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
6/22/98	220	NYSDEC	WEYE	Standard Fillet									
6/22/98	220	NYSDEC	WEYE	Standard Fillet			5.0E-03 UM					5.0E-03 UM	
6/22/98	220	NYSDEC	WEYE	Standard Fillet									
7/28/98	220	NYSDEC	CHC	Standard Fillet									
7/28/98	220	NYSDEC	CHC	Standard Fillet			1.2E-02					5.0E-03 U	
7/28/98	220	NYSDEC	CHC	Standard Fillet									
7/28/98	220	NYSDEC	CHC	Standard Fillet			1.0E-02					5.0E-03 U	
7/28/98	220	NYSDEC	CHC	Standard Fillet									
7/28/98	220	NYSDEC	CHC	Standard Fillet			5.0E-03 U					5.0E-03 U	
7/28/98	220	NYSDEC	CHC	Standard Fillet									
7/28/98	220	NYSDEC	CHC	Standard Fillet			5.0E-03 U					5.0E-03 U	
7/28/98	220	NYSDEC	CHC	Standard Fillet									
7/28/98	220	NYSDEC	CHC	Standard Fillet			5.0E-03 U					5.0E-03 U	
7/28/98	220	NYSDEC	LMB	Standard Fillet									
7/28/98	220	NYSDEC	LMB	Standard Fillet			5.0E-03 U					5.0E-03 U	
6/24/99	220	NYSDEC	CHC	Fillet									
6/24/99	220	NYSDEC	CHC	Fillet	5.0E-03 U		5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
6/24/99	220	NYSDEC	CARP	Fillet									
6/24/99	220	NYSDEC	CARP	Fillet	5.0E-03 U		5.0E-03	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
6/24/99	220	NYSDEC	LMB	Standard Fillet									
6/24/99	220	NYSDEC	LMB	Standard Fillet	5.0E-03 U		5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
6/24/99	220	NYSDEC	LMB	Standard Fillet									
6/24/99	220	NYSDEC	LMB	Standard Fillet	5.0E-03 U		5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
6/24/99	220	NYSDEC	LMB	Standard Fillet									
6/24/99	220	NYSDEC	LMB	Standard Fillet	5.0E-03 U		5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
6/24/99	220	NYSDEC	LMB	Standard Fillet									
6/24/99	220	NYSDEC	LMB	Standard Fillet	5.0E-03 U		5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
6/30/99	220	NYSDEC	LMB	Standard Fillet									
6/30/99	220	NYSDEC	LMB	Standard Fillet	5.0E-03 U		5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
6/30/99	220	NYSDEC	LMB	Standard Fillet									
6/30/99	220	NYSDEC	LMB	Standard Fillet	5.0E-03 U		5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
6/30/99	220	NYSDEC	LMB	Standard Fillet									
6/30/99	220	NYSDEC	LMB	Standard Fillet	5.0E-03 U		5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
6/30/99	220	NYSDEC	SMB	Standard Fillet									
6/30/99	220	NYSDEC	SMB	Standard Fillet	5.0E-03 U		5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
6/30/99	220	NYSDEC	SMB	Standard Fillet									
6/30/99	220	NYSDEC	SMB	Standard Fillet	5.0E-03 U		5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U

Table I-13C. (cont.)

Date	Station	Source	Species	Sample	δ-Hexachloro-cyclohexane mg/kg-ww	Dieldrin & Aldrin mg/kg-ww	Dieldrin mg/kg-ww	Endosulfan I mg/kg-ww	Endosulfan II mg/kg-ww	Endosulfan sulfate mg/kg-ww	Endrin aldehyde mg/kg-ww	Endrin mg/kg-ww	γ-Hexachloro-cyclohexane mg/kg-ww
6/30/99	220	NYSDEC	SMB	Standard Fillet									
6/30/99	220	NYSDEC	SMB	Standard Fillet	5.0E-03 U		5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
6/30/99	220	NYSDEC	SMB	Standard Fillet									
6/30/99	220	NYSDEC	SMB	Standard Fillet	5.0E-03 U		5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
6/30/99	220	NYSDEC	SMB	Standard Fillet									
6/30/99	220	NYSDEC	SMB	Standard Fillet	5.0E-03 U		5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
7/7/99	220	NYSDEC	CHC	Fillet									
7/7/99	220	NYSDEC	CHC	Fillet	5.0E-03 U		5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
7/7/99	220	NYSDEC	CARP	Fillet									
7/7/99	220	NYSDEC	CARP	Fillet	5.0E-03 U		5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
7/7/99	220	NYSDEC	CARP	Fillet									
7/7/99	220	NYSDEC	CARP	Fillet	5.0E-03 U		5.0E-03	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
7/7/99	220	NYSDEC	CARP	Fillet									
7/7/99	220	NYSDEC	CARP	Fillet	5.0E-03 U		5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
7/7/99	220	NYSDEC	CARP	Fillet									
7/7/99	220	NYSDEC	CARP	Fillet	5.0E-03 U		5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
7/7/99	220	NYSDEC	LMB	Standard Fillet									
7/7/99	220	NYSDEC	LMB	Standard Fillet	5.0E-03 U		5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
7/7/99	220	NYSDEC	WP	Fillet									
7/7/99	220	NYSDEC	WP	Fillet	5.0E-03 U		5.0E-03	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
7/7/99	220	NYSDEC	WP	Fillet									
7/7/99	220	NYSDEC	WP	Fillet	5.0E-03 U		5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
7/7/99	220	NYSDEC	WP	Fillet									
7/7/99	220	NYSDEC	WP	Fillet	5.0E-03 U		5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
7/7/99	220	NYSDEC	WP	Fillet									
7/7/99	220	NYSDEC	WP	Fillet	5.0E-03 U		5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
7/7/99	220	NYSDEC	WP	Fillet									
7/7/99	220	NYSDEC	WP	Fillet	5.0E-03 U		5.0E-03	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
7/16/99	220	NYSDEC	CHC	Fillet									
7/16/99	220	NYSDEC	CHC	Fillet	5.0E-03 U		5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
7/16/99	220	NYSDEC	CHC	Fillet									
7/16/99	220	NYSDEC	CHC	Fillet	5.0E-03 U		5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
7/16/99	220	NYSDEC	CHC	Fillet									
7/16/99	220	NYSDEC	CHC	Fillet	5.0E-03 U		5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U

Table I-13C. (cont.)

Date	Station	Source	Species	Sample	Heptachlor and Heptachlor epoxide (Sum) mg/kg-ww	Heptachlor epoxide mg/kg-ww	Heptachlor mg/kg-ww	Mirex & Photomirex mg/kg-ww	Mirex mg/kg-ww	ortha-para DDT sum mg/kg-ww	Ortho-para DDD mg/kg-ww	Ortho-para DDE mg/kg-ww	Ortho-para DDT mg/kg-ww
7/7/94	220	NYSDEC	SMB	Standard Fillet									
7/7/94	220	NYSDEC	SMB	Standard Fillet				7.0E-03 U	2.0E-03 U				
7/13/94	220	NYSDEC	SMB	Standard Fillet									
7/13/94	220	NYSDEC	SMB	Standard Fillet				7.0E-03 U	2.0E-03 U				
7/13/94	220	NYSDEC	SMB	Standard Fillet									
7/13/94	220	NYSDEC	SMB	Standard Fillet				7.0E-03 U	2.0E-03 U				
7/13/94	220	NYSDEC	SMB	Standard Fillet									
7/13/94	220	NYSDEC	SMB	Standard Fillet				7.0E-03 U	2.0E-03 U				
7/13/94	220	NYSDEC	SMB	Standard Fillet									
7/13/94	220	NYSDEC	SMB	Standard Fillet				7.0E-03 U	2.0E-03 U				
7/13/94	220	NYSDEC	SMB	Standard Fillet									
7/13/94	220	NYSDEC	SMB	Standard Fillet				7.0E-03 U	2.0E-03 U				
7/13/94	220	NYSDEC	SMB	Standard Fillet									
7/13/94	220	NYSDEC	SMB	Standard Fillet				7.0E-03 U	2.0E-03 U				
6/27/96	220	NYSDEC	SMB	Standard Fillet									
6/27/96	220	NYSDEC	SMB	Standard Fillet					2.0E-03 U				
6/27/96	220	NYSDEC	SMB	Standard Fillet									
6/27/96	220	NYSDEC	SMB	Standard Fillet					2.0E-03 U				
6/27/96	220	NYSDEC	SMB	Standard Fillet									
6/27/96	220	NYSDEC	SMB	Standard Fillet					2.0E-03 U				
7/1/96	220	NYSDEC	LMB	Standard Fillet									
7/1/96	220	NYSDEC	LMB	Standard Fillet					2.0E-03 U				
7/1/96	220	NYSDEC	LMB	Standard Fillet									
7/1/96	220	NYSDEC	LMB	Standard Fillet					2.0E-03 U				
7/2/96	220	NYSDEC	LMB	Standard Fillet									
7/2/96	220	NYSDEC	LMB	Standard Fillet					2.0E-03 U				
7/2/96	220	NYSDEC	LMB	Standard Fillet									
7/2/96	220	NYSDEC	LMB	Standard Fillet					2.0E-03 UM				
7/2/96	220	NYSDEC	LMB	Standard Fillet									
7/2/96	220	NYSDEC	LMB	Standard Fillet					2.0E-03 UM				
7/2/96	220	NYSDEC	LMB	Standard Fillet									
7/2/96	220	NYSDEC	LMB	Standard Fillet					2.0E-03 U				
7/2/96	220	NYSDEC	LMB	Standard Fillet									
7/2/96	220	NYSDEC	LMB	Standard Fillet					2.0E-03 U				
7/2/96	220	NYSDEC	LMB	Standard Fillet									
7/2/96	220	NYSDEC	LMB	Standard Fillet					2.0E-03 U				
7/2/96	220	NYSDEC	LMB	Standard Fillet									
7/2/96	220	NYSDEC	LMB	Standard Fillet					2.0E-03 U				
7/2/96	220	NYSDEC	LMB	Standard Fillet									
7/2/96	220	NYSDEC	LMB	Standard Fillet					2.0E-03 U				
7/2/96	220	NYSDEC	SMB	Standard Fillet									
7/2/96	220	NYSDEC	SMB	Standard Fillet					2.0E-03 U				

Table I-13C. (cont.)

Date	Station	Source	Species	Sample	Heptachlor and Heptachlor epoxide (Sum) mg/kg-ww	Heptachlor epoxide mg/kg-ww	Heptachlor mg/kg-ww	Mirex & Photomirex mg/kg-ww	Mirex mg/kg-ww	ortha-para DDT sum mg/kg-ww	Ortho-para DDD mg/kg-ww	Ortho-para DDE mg/kg-ww	Ortho-para DDT mg/kg-ww
7/2/96	220	NYSDEC	SMB	Standard Fillet									
7/2/96	220	NYSDEC	SMB	Standard Fillet									
7/2/96	220	NYSDEC	SMB	Standard Fillet					2.0E-03 U				
7/8/96	220	NYSDEC	SMB	Standard Fillet									
7/8/96	220	NYSDEC	SMB	Standard Fillet					2.0E-03 U				
7/8/96	220	NYSDEC	SMB	Standard Fillet									
7/8/96	220	NYSDEC	SMB	Standard Fillet					2.0E-03 U				
7/8/96	220	NYSDEC	SMB	Standard Fillet									
7/8/96	220	NYSDEC	SMB	Standard Fillet					2.0E-03 U				
7/8/96	220	NYSDEC	SMB	Standard Fillet									
7/8/96	220	NYSDEC	SMB	Standard Fillet					2.0E-03 U				
7/8/96	220	NYSDEC	SMB	Standard Fillet									
7/8/96	220	NYSDEC	SMB	Standard Fillet					2.0E-03 U				
6/30/97	220	NYSDEC	LMB	Standard Fillet									
6/30/97	220	NYSDEC	LMB	Standard Fillet					2.0E-03 U				
6/30/97	220	NYSDEC	LMB	Standard Fillet									
6/30/97	220	NYSDEC	LMB	Standard Fillet					2.0E-03 U				
6/30/97	220	NYSDEC	LMB	Standard Fillet									
6/30/97	220	NYSDEC	LMB	Standard Fillet					2.0E-03 U				
6/30/97	220	NYSDEC	LMB	Standard Fillet									
6/30/97	220	NYSDEC	LMB	Standard Fillet					2.0E-03 U				
6/30/97	220	NYSDEC	LMB	Standard Fillet									
6/30/97	220	NYSDEC	LMB	Standard Fillet					2.0E-03 U				
6/30/97	220	NYSDEC	SMB	Standard Fillet									
6/30/97	220	NYSDEC	SMB	Standard Fillet					2.0E-03 U				
6/30/97	220	NYSDEC	WP	Standard Fillet									
6/30/97	220	NYSDEC	WP	Standard Fillet					2.0E-03 U				
6/30/97	220	NYSDEC	WP	Standard Fillet									
6/30/97	220	NYSDEC	WP	Standard Fillet					2.0E-03 U				
6/30/97	220	NYSDEC	WP	Standard Fillet									
6/30/97	220	NYSDEC	WP	Standard Fillet					2.0E-03 U				
6/30/97	220	NYSDEC	WP	Standard Fillet									
6/30/97	220	NYSDEC	WP	Standard Fillet					2.0E-03 U				
6/30/97	220	NYSDEC	WP	Standard Fillet									
6/30/97	220	NYSDEC	WP	Standard Fillet					2.0E-03 U				
7/1/97	220	NYSDEC	SMB	Standard Fillet									
7/1/97	220	NYSDEC	SMB	Standard Fillet					2.0E-03 U				
7/1/97	220	NYSDEC	SMB	Standard Fillet									
7/1/97	220	NYSDEC	SMB	Standard Fillet					2.0E-03 U				
7/1/97	220	NYSDEC	SMB	Standard Fillet									
7/1/97	220	NYSDEC	SMB	Standard Fillet					2.0E-03 U				
7/3/97	220	NYSDEC	SMB	Standard Fillet									

Table I-13C. (cont.)

Date	Station	Source	Species	Sample	Heptachlor and Heptachlor epoxide (Sum) mg/kg-ww	Heptachlor epoxide mg/kg-ww	Heptachlor mg/kg-ww	Mirex & Photomirex mg/kg-ww	Mirex mg/kg-ww	ortha-para DDT sum mg/kg-ww	Ortho-para DDD mg/kg-ww	Ortho-para DDE mg/kg-ww	Ortho-para DDT mg/kg-ww
7/3/97	220	NYSDEC	SMB	Standard Fillet					2.0E-03 U				
7/3/97	220	NYSDEC	SMB	Standard Fillet									
7/3/97	220	NYSDEC	SMB	Standard Fillet					2.0E-03 U				
7/3/97	220	NYSDEC	SMB	Standard Fillet									
7/3/97	220	NYSDEC	SMB	Standard Fillet					2.0E-03 U				
6/17/98	220	NYSDEC	LMB	Standard Fillet									
6/17/98	220	NYSDEC	LMB	Standard Fillet					2.0E-03 U				
6/17/98	220	NYSDEC	SMB	Standard Fillet									
6/17/98	220	NYSDEC	SMB	Standard Fillet					2.0E-03 U				
6/17/98	220	NYSDEC	SMB	Standard Fillet									
6/17/98	220	NYSDEC	SMB	Standard Fillet					2.0E-03 U				
6/17/98	220	NYSDEC	SMB	Standard Fillet									
6/17/98	220	NYSDEC	SMB	Standard Fillet					2.0E-03 U				
6/17/98	220	NYSDEC	WEYE	Standard Fillet									
6/17/98	220	NYSDEC	WEYE	Standard Fillet					2.0E-03 U				
6/17/98	220	NYSDEC	WEYE	Standard Fillet									
6/17/98	220	NYSDEC	WEYE	Standard Fillet					2.0E-03 U				
6/17/98	220	NYSDEC	WEYE	Standard Fillet									
6/17/98	220	NYSDEC	WEYE	Standard Fillet					2.0E-03 U				
6/17/98	220	NYSDEC	WP	Standard Fillet									
6/17/98	220	NYSDEC	WP	Standard Fillet					2.0E-03 U				
6/17/98	220	NYSDEC	WP	Standard Fillet									
6/17/98	220	NYSDEC	WP	Standard Fillet					2.0E-03 U				
6/17/98	220	NYSDEC	WP	Standard Fillet									
6/17/98	220	NYSDEC	WP	Standard Fillet					2.0E-03 U				
6/17/98	220	NYSDEC	WP	Standard Fillet									
6/17/98	220	NYSDEC	WP	Standard Fillet					2.0E-03 U				
6/17/98	220	NYSDEC	WP	Standard Fillet									
6/17/98	220	NYSDEC	WP	Standard Fillet					2.0E-03 U				
6/18/98	220	NYSDEC	WEYE	Standard Fillet									
6/18/98	220	NYSDEC	WEYE	Standard Fillet					2.0E-03 U				
6/22/98	220	NYSDEC	LMB	Standard Fillet									
6/22/98	220	NYSDEC	LMB	Standard Fillet					2.0E-03 U				
6/22/98	220	NYSDEC	LMB	Standard Fillet									
6/22/98	220	NYSDEC	LMB	Standard Fillet					2.0E-03 U				
6/22/98	220	NYSDEC	LMB	Standard Fillet									
6/22/98	220	NYSDEC	LMB	Standard Fillet					2.0E-03 U				
6/22/98	220	NYSDEC	NP	Standard Fillet									
6/22/98	220	NYSDEC	NP	Standard Fillet					2.0E-03 U				
6/22/98	220	NYSDEC	SMB	Standard Fillet									
6/22/98	220	NYSDEC	SMB	Standard Fillet					2.0E-03 U				
6/22/98	220	NYSDEC	SMB	Standard Fillet									

Table I-13C. (cont.)

Date	Station	Source	Species	Sample	Heptachlor and Heptachlor epoxide (Sum) mg/kg-ww	Heptachlor epoxide mg/kg-ww	Heptachlor mg/kg-ww	Mirex & Photomirex mg/kg-ww	Mirex mg/kg-ww	ortha-para DDT sum mg/kg-ww	Ortho-para DDD mg/kg-ww	Ortho-para DDE mg/kg-ww	Ortho-para DDT mg/kg-ww
6/22/98	220	NYSDEC	SMB	Standard Fillet					2.0E-03 U				
6/22/98	220	NYSDEC	SMB	Standard Fillet									
6/22/98	220	NYSDEC	SMB	Standard Fillet					2.0E-03 U				
6/22/98	220	NYSDEC	SMB	Standard Fillet									
6/22/98	220	NYSDEC	SMB	Standard Fillet					2.0E-03 U				
6/22/98	220	NYSDEC	WEYE	Standard Fillet									
6/22/98	220	NYSDEC	WEYE	Standard Fillet					2.0E-03 UM				
6/22/98	220	NYSDEC	WEYE	Standard Fillet									
7/28/98	220	NYSDEC	CHC	Standard Fillet									
7/28/98	220	NYSDEC	CHC	Standard Fillet					2.0E-03				
7/28/98	220	NYSDEC	CHC	Standard Fillet									
7/28/98	220	NYSDEC	CHC	Standard Fillet					2.0E-03 U				
7/28/98	220	NYSDEC	CHC	Standard Fillet									
7/28/98	220	NYSDEC	CHC	Standard Fillet					2.0E-03 U				
7/28/98	220	NYSDEC	CHC	Standard Fillet									
7/28/98	220	NYSDEC	CHC	Standard Fillet					2.0E-03 U				
7/28/98	220	NYSDEC	CHC	Standard Fillet									
7/28/98	220	NYSDEC	CHC	Standard Fillet					2.0E-03 U				
7/28/98	220	NYSDEC	LMB	Standard Fillet									
7/28/98	220	NYSDEC	LMB	Standard Fillet					2.0E-03 U				
6/24/99	220	NYSDEC	CHC	Fillet									
6/24/99	220	NYSDEC	CHC	Fillet	5.0E-03 U	5.0E-03 U	5.0E-03 U		2.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
6/24/99	220	NYSDEC	CARP	Fillet									
6/24/99	220	NYSDEC	CARP	Fillet	5.0E-03 U	5.0E-03 U	5.0E-03 U		2.0E-03 U	1.0E-02	5.0E-03 U	1.0E-02	5.0E-03 U
6/24/99	220	NYSDEC	LMB	Standard Fillet									
6/24/99	220	NYSDEC	LMB	Standard Fillet	9.0E-03	9.0E-03	5.0E-03 U		2.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
6/24/99	220	NYSDEC	LMB	Standard Fillet									
6/24/99	220	NYSDEC	LMB	Standard Fillet	5.0E-03 U	5.0E-03 U	5.0E-03 U		2.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
6/24/99	220	NYSDEC	LMB	Standard Fillet									
6/24/99	220	NYSDEC	LMB	Standard Fillet	5.0E-03 U	5.0E-03 U	5.0E-03 U		2.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
6/24/99	220	NYSDEC	LMB	Standard Fillet									
6/24/99	220	NYSDEC	LMB	Standard Fillet	5.0E-03	5.0E-03	5.0E-03 U		2.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
6/30/99	220	NYSDEC	LMB	Standard Fillet									
6/30/99	220	NYSDEC	LMB	Standard Fillet	1.0E-02	1.0E-02	5.0E-03 U		2.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
6/30/99	220	NYSDEC	LMB	Standard Fillet									
6/30/99	220	NYSDEC	LMB	Standard Fillet	5.0E-03	5.0E-03	5.0E-03 U		2.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
6/30/99	220	NYSDEC	LMB	Standard Fillet									
6/30/99	220	NYSDEC	LMB	Standard Fillet	9.0E-03	9.0E-03	5.0E-03 U		2.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
6/30/99	220	NYSDEC	SMB	Standard Fillet									
6/30/99	220	NYSDEC	SMB	Standard Fillet	5.0E-03 U	5.0E-03 U	5.0E-03 U		2.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
6/30/99	220	NYSDEC	SMB	Standard Fillet									
6/30/99	220	NYSDEC	SMB	Standard Fillet	5.0E-03 U	5.0E-03 U	5.0E-03 U		2.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U

Table I-13C. (cont.)

Date	Station	Source	Species	Sample	Heptachlor and Heptachlor epoxide (Sum) mg/kg-ww	Heptachlor epoxide mg/kg-ww	Heptachlor mg/kg-ww	Mirex & Photomirex mg/kg-ww	Mirex mg/kg-ww	ortha-para DDT sum mg/kg-ww	Ortho-para DDD mg/kg-ww	Ortho-para DDE mg/kg-ww	Ortho-para DDT mg/kg-ww
6/30/99	220	NYSDEC	SMB	Standard Fillet									
6/30/99	220	NYSDEC	SMB	Standard Fillet	5.0E-03 U	5.0E-03 U	5.0E-03 U		2.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
6/30/99	220	NYSDEC	SMB	Standard Fillet									
6/30/99	220	NYSDEC	SMB	Standard Fillet	5.0E-03 U	5.0E-03 U	5.0E-03 U		2.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
6/30/99	220	NYSDEC	SMB	Standard Fillet									
6/30/99	220	NYSDEC	SMB	Standard Fillet	5.0E-03 U	5.0E-03 U	5.0E-03 U		2.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
7/7/99	220	NYSDEC	CHC	Fillet									
7/7/99	220	NYSDEC	CHC	Fillet	5.0E-03 U	5.0E-03 U	5.0E-03 U		2.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
7/7/99	220	NYSDEC	CARP	Fillet									
7/7/99	220	NYSDEC	CARP	Fillet	5.0E-03 U	5.0E-03 U	5.0E-03 U		2.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
7/7/99	220	NYSDEC	CARP	Fillet									
7/7/99	220	NYSDEC	CARP	Fillet	5.0E-03 U	5.0E-03 U	5.0E-03 U		2.0E-03 U	2.4E-02	5.0E-03 U	2.4E-02	5.0E-03 U
7/7/99	220	NYSDEC	CARP	Fillet									
7/7/99	220	NYSDEC	CARP	Fillet	5.0E-03 U	5.0E-03 U	5.0E-03 U		2.0E-03 U	7.0E-03	5.0E-03 U	7.0E-03	5.0E-03 U
7/7/99	220	NYSDEC	CARP	Fillet									
7/7/99	220	NYSDEC	CARP	Fillet	5.0E-03 U	5.0E-03 U	5.0E-03 U		2.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
7/7/99	220	NYSDEC	LMB	Standard Fillet									
7/7/99	220	NYSDEC	LMB	Standard Fillet	5.0E-03	5.0E-03	5.0E-03 U		2.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
7/7/99	220	NYSDEC	WP	Fillet									
7/7/99	220	NYSDEC	WP	Fillet	5.0E-03 U	5.0E-03 U	5.0E-03 U		2.0E-03 U	1.4E-02	5.0E-03	9.0E-03	5.0E-03 U
7/7/99	220	NYSDEC	WP	Fillet									
7/7/99	220	NYSDEC	WP	Fillet	5.0E-03 U	5.0E-03 U	5.0E-03 U		2.0E-03 U	1.4E-02	5.0E-03	9.0E-03	5.0E-03 U
7/7/99	220	NYSDEC	WP	Fillet									
7/7/99	220	NYSDEC	WP	Fillet	5.0E-03 U	5.0E-03 U	5.0E-03 U		2.0E-03 U	5.0E-03	5.0E-03 U	5.0E-03	5.0E-03 U
7/7/99	220	NYSDEC	WP	Fillet									
7/7/99	220	NYSDEC	WP	Fillet	5.0E-03 U	5.0E-03 U	5.0E-03 U		2.0E-03 U	5.0E-03	5.0E-03 U	5.0E-03	5.0E-03 U
7/7/99	220	NYSDEC	WP	Fillet									
7/7/99	220	NYSDEC	WP	Fillet	5.0E-03 U	5.0E-03 U	5.0E-03 U		2.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
7/16/99	220	NYSDEC	CHC	Fillet									
7/16/99	220	NYSDEC	CHC	Fillet	5.0E-03 U	5.0E-03 U	5.0E-03 U		2.0E-03	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
7/16/99	220	NYSDEC	CHC	Fillet									
7/16/99	220	NYSDEC	CHC	Fillet	5.0E-03 U	5.0E-03 U	5.0E-03 U		2.0E-03	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U
7/16/99	220	NYSDEC	CHC	Fillet									
7/16/99	220	NYSDEC	CHC	Fillet	5.0E-03 U	5.0E-03 U	5.0E-03 U		2.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U	5.0E-03 U

Table I-13C. (cont.)

Date	Station	Source	Species	Sample	Oxy-chlordane mg/kg-ww	PCBs (Sum) mg/kg-ww	Photomirex mg/kg-ww	Total Chlordane mg/kg-ww	Total DDT mg/kg-ww	Total PCB mg/kg-ww	trans-Chlordane mg/kg-ww	Trans-nonachlor mg/kg-ww
7/7/94	220	NYSDEC	SMB	Standard Fillet								
7/7/94	220	NYSDEC	SMB	Standard Fillet	1.0E-02 U	1.1	5.0E-03 U	2.0E-02	8.2E-02	1.1	9.0E-03	1.1E-02
7/13/94	220	NYSDEC	SMB	Standard Fillet								
7/13/94	220	NYSDEC	SMB	Standard Fillet	1.0E-02 U	0.4	5.0E-03 U	2.5E-02 U	2.8E-02	0.4	5.0E-03 U	5.0E-03 U
7/13/94	220	NYSDEC	SMB	Standard Fillet								
7/13/94	220	NYSDEC	SMB	Standard Fillet	1.0E-02 U	0.6	5.0E-03 U	2.6E-02	4.2E-02	0.6	8.0E-03	1.2E-02
7/13/94	220	NYSDEC	SMB	Standard Fillet								
7/13/94	220	NYSDEC	SMB	Standard Fillet	1.0E-02 U	0.4	5.0E-03 U	1.5E-02	2.5E-02	0.4	5.0E-03	1.0E-02
7/13/94	220	NYSDEC	SMB	Standard Fillet								
7/13/94	220	NYSDEC	SMB	Standard Fillet	1.0E-02 U	0.5	5.0E-03 U	5.0E-03	3.0E-02	0.5	5.0E-03	5.0E-03 U
7/13/94	220	NYSDEC	SMB	Standard Fillet								
7/13/94	220	NYSDEC	SMB	Standard Fillet	1.0E-02 U	0.8	5.0E-03 U	2.1E-02	5.7E-02	0.8	1.0E-02	6.0E-03
7/13/94	220	NYSDEC	SMB	Standard Fillet								
7/13/94	220	NYSDEC	SMB	Standard Fillet	1.0E-02 U	0.6	5.0E-03 U	5.0E-03	3.9E-02	0.6	5.0E-03	5.0E-03 U
6/27/96	220	NYSDEC	SMB	Standard Fillet								
6/27/96	220	NYSDEC	SMB	Standard Fillet	1.0E-02 U	1.3	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/27/96	220	NYSDEC	SMB	Standard Fillet								
6/27/96	220	NYSDEC	SMB	Standard Fillet	1.0E-02 U	1.1	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/27/96	220	NYSDEC	SMB	Standard Fillet								
6/27/96	220	NYSDEC	SMB	Standard Fillet	1.0E-02 U	0.4	5.0E-03 U				5.0E-03 U	5.0E-03 U
7/1/96	220	NYSDEC	LMB	Standard Fillet								
7/1/96	220	NYSDEC	LMB	Standard Fillet	1.0E-02 U	7.5E-02	5.0E-03 U				5.0E-03 U	5.0E-03 U
7/1/96	220	NYSDEC	LMB	Standard Fillet								
7/1/96	220	NYSDEC	LMB	Standard Fillet	1.0E-02 U	7.7E-02	5.0E-03 U				5.0E-03 U	5.0E-03 U
7/2/96	220	NYSDEC	LMB	Standard Fillet								
7/2/96	220	NYSDEC	LMB	Standard Fillet	1.0E-02 U	2.0E-02 U	5.0E-03 U				5.0E-03 U	5.0E-03 U
7/2/96	220	NYSDEC	LMB	Standard Fillet								
7/2/96	220	NYSDEC	LMB	Standard Fillet	1.0E-02 UM	8.7E-02	5.0E-03 UM				5.0E-03 UM	5.0E-03 UM
7/2/96	220	NYSDEC	LMB	Standard Fillet								
7/2/96	220	NYSDEC	LMB	Standard Fillet	1.0E-02 UM	7.1E-02	5.0E-03 UM				5.0E-03 UM	5.0E-03 UM
7/2/96	220	NYSDEC	LMB	Standard Fillet								
7/2/96	220	NYSDEC	LMB	Standard Fillet	1.0E-02 U	2.0E-02 U	5.0E-03 U				5.0E-03 U	5.0E-03 U
7/2/96	220	NYSDEC	LMB	Standard Fillet								
7/2/96	220	NYSDEC	LMB	Standard Fillet	1.0E-02 U	0.1	5.0E-03 U				5.0E-03 U	5.0E-03 U
7/2/96	220	NYSDEC	LMB	Standard Fillet								
7/2/96	220	NYSDEC	LMB	Standard Fillet	1.0E-02 U	3.0E-02	5.0E-03 U				5.0E-03 U	5.0E-03 U
7/2/96	220	NYSDEC	LMB	Standard Fillet								
7/2/96	220	NYSDEC	LMB	Standard Fillet	1.0E-02 U	3.9E-02	5.0E-03 U				5.0E-03 U	5.0E-03 U
7/2/96	220	NYSDEC	LMB	Standard Fillet								
7/2/96	220	NYSDEC	LMB	Standard Fillet	1.0E-02 U	3.3E-02	5.0E-03 U				5.0E-03 U	5.0E-03 U
7/2/96	220	NYSDEC	SMB	Standard Fillet								
7/2/96	220	NYSDEC	SMB	Standard Fillet	1.0E-02 U	0.3	5.0E-03 U				5.0E-03 U	5.0E-03 U

Table I-13C. (cont.)

Date	Station	Source	Species	Sample	Oxy-chlordane mg/kg-ww	PCBs (Sum) mg/kg-ww	Photomirex mg/kg-ww	Total Chlordane mg/kg-ww	Total DDT mg/kg-ww	Total PCB mg/kg-ww	trans-Chlordane mg/kg-ww	Trans-nonachlor mg/kg-ww
7/2/96	220	NYSDEC	SMB	Standard Fillet								
7/2/96	220	NYSDEC	SMB	Standard Fillet		0.3						
7/2/96	220	NYSDEC	SMB	Standard Fillet	1.0E-02 U		5.0E-03 U				5.0E-03	5.0E-03 U
7/8/96	220	NYSDEC	SMB	Standard Fillet								
7/8/96	220	NYSDEC	SMB	Standard Fillet	1.0E-02 U	0.3	5.0E-03 U				5.0E-03 U	5.0E-03 U
7/8/96	220	NYSDEC	SMB	Standard Fillet								
7/8/96	220	NYSDEC	SMB	Standard Fillet	1.0E-02 U	0.7	5.0E-03 U				7.0E-03	5.0E-03
7/8/96	220	NYSDEC	SMB	Standard Fillet								
7/8/96	220	NYSDEC	SMB	Standard Fillet	1.0E-02 U	0.2	5.0E-03 U				5.0E-03 U	5.0E-03 U
7/8/96	220	NYSDEC	SMB	Standard Fillet								
7/8/96	220	NYSDEC	SMB	Standard Fillet	1.0E-02 U	0.3	5.0E-03 U				5.0E-03 U	5.0E-03 U
7/8/96	220	NYSDEC	SMB	Standard Fillet								
7/8/96	220	NYSDEC	SMB	Standard Fillet	1.0E-02 U	0.2	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/30/97	220	NYSDEC	LMB	Standard Fillet								
6/30/97	220	NYSDEC	LMB	Standard Fillet	1.0E-02 U	0.4	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/30/97	220	NYSDEC	LMB	Standard Fillet								
6/30/97	220	NYSDEC	LMB	Standard Fillet	1.0E-02 U	9.5E-02	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/30/97	220	NYSDEC	LMB	Standard Fillet								
6/30/97	220	NYSDEC	LMB	Standard Fillet	1.0E-02 U	9.7E-02	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/30/97	220	NYSDEC	LMB	Standard Fillet								
6/30/97	220	NYSDEC	LMB	Standard Fillet	1.0E-02 U	0.3	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/30/97	220	NYSDEC	LMB	Standard Fillet								
6/30/97	220	NYSDEC	LMB	Standard Fillet	1.0E-02 U	1.1	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/30/97	220	NYSDEC	SMB	Standard Fillet								
6/30/97	220	NYSDEC	SMB	Standard Fillet	1.0E-02 U	0.2	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/30/97	220	NYSDEC	WP	Standard Fillet								
6/30/97	220	NYSDEC	WP	Standard Fillet	1.0E-02 U	0.4	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/30/97	220	NYSDEC	WP	Standard Fillet								
6/30/97	220	NYSDEC	WP	Standard Fillet	1.0E-02 U	1.1	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/30/97	220	NYSDEC	WP	Standard Fillet								
6/30/97	220	NYSDEC	WP	Standard Fillet	1.0E-02 U	0.8	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/30/97	220	NYSDEC	WP	Standard Fillet								
6/30/97	220	NYSDEC	WP	Standard Fillet	1.0E-02 U	1.1	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/30/97	220	NYSDEC	WP	Standard Fillet								
6/30/97	220	NYSDEC	WP	Standard Fillet	1.0E-02 U	0.4	5.0E-03 U				5.0E-03 U	5.0E-03 U
7/1/97	220	NYSDEC	SMB	Standard Fillet								
7/1/97	220	NYSDEC	SMB	Standard Fillet	1.0E-02 U	0.6	5.0E-03 U				5.0E-03 U	5.0E-03
7/1/97	220	NYSDEC	SMB	Standard Fillet								
7/1/97	220	NYSDEC	SMB	Standard Fillet	1.0E-02 U	0.4	5.0E-03 U				5.0E-03 U	5.0E-03 U
7/1/97	220	NYSDEC	SMB	Standard Fillet								
7/1/97	220	NYSDEC	SMB	Standard Fillet	1.0E-02 U	0.4	5.0E-03 U				5.0E-03 U	5.0E-03 U
7/3/97	220	NYSDEC	SMB	Standard Fillet								

Table I-13C. (cont.)

Date	Station	Source	Species	Sample	Oxy-chlordane mg/kg-ww	PCBs (Sum) mg/kg-ww	Photomirex mg/kg-ww	Total Chlordane mg/kg-ww	Total DDT mg/kg-ww	Total PCB mg/kg-ww	trans-Chlordane mg/kg-ww	Trans-nonachlor mg/kg-ww
7/3/97	220	NYSDEC	SMB	Standard Fillet	1.0E-02 U	0.3	5.0E-03 U				5.0E-03 U	5.0E-03 U
7/3/97	220	NYSDEC	SMB	Standard Fillet								
7/3/97	220	NYSDEC	SMB	Standard Fillet	1.0E-02 U	0.3	5.0E-03 U				5.0E-03 U	5.0E-03 U
7/3/97	220	NYSDEC	SMB	Standard Fillet								
7/3/97	220	NYSDEC	SMB	Standard Fillet	1.0E-02 U	8.4E-02	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/17/98	220	NYSDEC	LMB	Standard Fillet								
6/17/98	220	NYSDEC	LMB	Standard Fillet	1.0E-02 U	0.4	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/17/98	220	NYSDEC	SMB	Standard Fillet								
6/17/98	220	NYSDEC	SMB	Standard Fillet	1.0E-02 U	0.8	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/17/98	220	NYSDEC	SMB	Standard Fillet								
6/17/98	220	NYSDEC	SMB	Standard Fillet	1.0E-02 U	1.5	5.0E-03 U				5.0E-03 U	6.0E-03
6/17/98	220	NYSDEC	SMB	Standard Fillet								
6/17/98	220	NYSDEC	SMB	Standard Fillet	1.0E-02 U	0.4	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/17/98	220	NYSDEC	WEYE	Standard Fillet								
6/17/98	220	NYSDEC	WEYE	Standard Fillet	1.0E-02 U	1.3	5.0E-03 U				5.0E-03 U	5.0E-03
6/17/98	220	NYSDEC	WEYE	Standard Fillet								
6/17/98	220	NYSDEC	WEYE	Standard Fillet	1.0E-02 U	1.4	5.0E-03 U				5.0E-03 U	5.0E-03
6/17/98	220	NYSDEC	WEYE	Standard Fillet								
6/17/98	220	NYSDEC	WEYE	Standard Fillet	1.0E-02 U	0.6	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/17/98	220	NYSDEC	WP	Standard Fillet								
6/17/98	220	NYSDEC	WP	Standard Fillet	1.0E-02 U	0.3	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/17/98	220	NYSDEC	WP	Standard Fillet								
6/17/98	220	NYSDEC	WP	Standard Fillet	1.0E-02 U	0.1	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/17/98	220	NYSDEC	WP	Standard Fillet								
6/17/98	220	NYSDEC	WP	Standard Fillet	1.0E-02 U	0.7	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/17/98	220	NYSDEC	WP	Standard Fillet								
6/17/98	220	NYSDEC	WP	Standard Fillet	1.0E-02 U	0.7	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/17/98	220	NYSDEC	WP	Standard Fillet								
6/17/98	220	NYSDEC	WP	Standard Fillet	1.0E-02 U	1.3	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/18/98	220	NYSDEC	WEYE	Standard Fillet								
6/18/98	220	NYSDEC	WEYE	Standard Fillet	1.0E-02 U	0.3	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/22/98	220	NYSDEC	LMB	Standard Fillet								
6/22/98	220	NYSDEC	LMB	Standard Fillet	1.0E-02 U	0.2	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/22/98	220	NYSDEC	LMB	Standard Fillet								
6/22/98	220	NYSDEC	LMB	Standard Fillet	1.0E-02 U	0.1	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/22/98	220	NYSDEC	LMB	Standard Fillet								
6/22/98	220	NYSDEC	LMB	Standard Fillet	1.0E-02 U	0.1	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/22/98	220	NYSDEC	NP	Standard Fillet								
6/22/98	220	NYSDEC	NP	Standard Fillet	1.0E-02 U	0.9	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/22/98	220	NYSDEC	SMB	Standard Fillet								
6/22/98	220	NYSDEC	SMB	Standard Fillet	1.0E-02 U	0.6	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/22/98	220	NYSDEC	SMB	Standard Fillet								

Table I-13C. (cont.)

Date	Station	Source	Species	Sample	Oxy-chlordane mg/kg-ww	PCBs (Sum) mg/kg-ww	Photomirex mg/kg-ww	Total Chlordane mg/kg-ww	Total DDT mg/kg-ww	Total PCB mg/kg-ww	trans-Chlordane mg/kg-ww	Trans-nonachlor mg/kg-ww
6/22/98	220	NYSDEC	SMB	Standard Fillet	1.0E-02 U	0.5	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/22/98	220	NYSDEC	SMB	Standard Fillet								
6/22/98	220	NYSDEC	SMB	Standard Fillet	1.0E-02 U	0.9	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/22/98	220	NYSDEC	SMB	Standard Fillet								
6/22/98	220	NYSDEC	SMB	Standard Fillet	1.0E-02 U	0.6	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/22/98	220	NYSDEC	WEYE	Standard Fillet								
6/22/98	220	NYSDEC	WEYE	Standard Fillet	1.0E-02 UM	0.6	5.0E-03 UM				5.0E-03 UM	5.0E-03 UM
6/22/98	220	NYSDEC	WEYE	Standard Fillet								
7/28/98	220	NYSDEC	CHC	Standard Fillet								
7/28/98	220	NYSDEC	CHC	Standard Fillet	1.0E-02 U	2.4	5.0E-03 U				5.0E-03 U	6.0E-03
7/28/98	220	NYSDEC	CHC	Standard Fillet								
7/28/98	220	NYSDEC	CHC	Standard Fillet	1.0E-02 U	1.1	5.0E-03 U				5.0E-03 U	5.0E-03 U
7/28/98	220	NYSDEC	CHC	Standard Fillet								
7/28/98	220	NYSDEC	CHC	Standard Fillet	1.0E-02 U	1.8	5.0E-03 U				1.3E-02	1.3E-02
7/28/98	220	NYSDEC	CHC	Standard Fillet								
7/28/98	220	NYSDEC	CHC	Standard Fillet	1.0E-02 U	1.2	5.0E-03 U				5.0E-03	1.1E-02
7/28/98	220	NYSDEC	CHC	Standard Fillet								
7/28/98	220	NYSDEC	CHC	Standard Fillet	1.0E-02 U	1.3	5.0E-03 U				5.0E-03 U	7.0E-03
7/28/98	220	NYSDEC	LMB	Standard Fillet								
7/28/98	220	NYSDEC	LMB	Standard Fillet	1.0E-02 U	0.2	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/24/99	220	NYSDEC	CHC	Fillet								
6/24/99	220	NYSDEC	CHC	Fillet	5.0E-03	0.6	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/24/99	220	NYSDEC	CARP	Fillet								
6/24/99	220	NYSDEC	CARP	Fillet	2.8E-02	2.0	5.0E-03 U				5.0E-03 U	5.0E-03
6/24/99	220	NYSDEC	LMB	Standard Fillet								
6/24/99	220	NYSDEC	LMB	Standard Fillet	1.0E-02	0.5	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/24/99	220	NYSDEC	LMB	Standard Fillet								
6/24/99	220	NYSDEC	LMB	Standard Fillet	6.0E-03	0.5	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/24/99	220	NYSDEC	LMB	Standard Fillet								
6/24/99	220	NYSDEC	LMB	Standard Fillet	1.3E-02	0.9	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/24/99	220	NYSDEC	LMB	Standard Fillet								
6/24/99	220	NYSDEC	LMB	Standard Fillet	6.0E-03	0.3	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/30/99	220	NYSDEC	LMB	Standard Fillet								
6/30/99	220	NYSDEC	LMB	Standard Fillet	1.2E-02	0.6	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/30/99	220	NYSDEC	LMB	Standard Fillet								
6/30/99	220	NYSDEC	LMB	Standard Fillet	6.0E-03	0.3	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/30/99	220	NYSDEC	LMB	Standard Fillet								
6/30/99	220	NYSDEC	LMB	Standard Fillet	1.1E-02	0.6	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/30/99	220	NYSDEC	SMB	Standard Fillet								
6/30/99	220	NYSDEC	SMB	Standard Fillet	1.0E-02	0.6	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/30/99	220	NYSDEC	SMB	Standard Fillet								
6/30/99	220	NYSDEC	SMB	Standard Fillet	5.0E-03 U	0.3	5.0E-03 U				5.0E-03 U	5.0E-03 U

Table I-13C. (cont.)

Date	Station	Source	Species	Sample	Oxy-chlordane mg/kg-ww	PCBs (Sum) mg/kg-ww	Photomirex mg/kg-ww	Total Chlordane mg/kg-ww	Total DDT mg/kg-ww	Total PCB mg/kg-ww	trans-Chlordane mg/kg-ww	Trans-nonachlor mg/kg-ww
6/30/99	220	NYSDEC	SMB	Standard Fillet								
6/30/99	220	NYSDEC	SMB	Standard Fillet	1.3E-02	0.8	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/30/99	220	NYSDEC	SMB	Standard Fillet								
6/30/99	220	NYSDEC	SMB	Standard Fillet	7.0E-03	0.5	5.0E-03 U				5.0E-03 U	5.0E-03 U
6/30/99	220	NYSDEC	SMB	Standard Fillet								
6/30/99	220	NYSDEC	SMB	Standard Fillet	5.0E-03	0.3	5.0E-03 U				5.0E-03 U	5.0E-03 U
7/7/99	220	NYSDEC	CHC	Fillet								
7/7/99	220	NYSDEC	CHC	Fillet	2.5E-02	1.1	5.0E-03 U				5.0E-03 U	5.0E-03
7/7/99	220	NYSDEC	CARP	Fillet								
7/7/99	220	NYSDEC	CARP	Fillet	6.0E-03	0.5	5.0E-03 U				5.0E-03 U	5.0E-03 U
7/7/99	220	NYSDEC	CARP	Fillet								
7/7/99	220	NYSDEC	CARP	Fillet	4.8E-02	3.9	5.0E-03 U				8.0E-03	1.3E-02
7/7/99	220	NYSDEC	CARP	Fillet								
7/7/99	220	NYSDEC	CARP	Fillet	1.7E-02	1.7	5.0E-03 U				5.0E-03 U	5.0E-03 U
7/7/99	220	NYSDEC	CARP	Fillet								
7/7/99	220	NYSDEC	CARP	Fillet	1.8E-02	1.4	5.0E-03 U				5.0E-03 U	5.0E-03 U
7/7/99	220	NYSDEC	LMB	Standard Fillet								
7/7/99	220	NYSDEC	LMB	Standard Fillet	7.0E-03	0.6	5.0E-03 U				5.0E-03 U	5.0E-03 U
7/7/99	220	NYSDEC	WP	Fillet								
7/7/99	220	NYSDEC	WP	Fillet	2.9E-02	1.4	5.0E-03 U				5.0E-03 U	5.0E-03 U
7/7/99	220	NYSDEC	WP	Fillet								
7/7/99	220	NYSDEC	WP	Fillet	2.9E-02	1.5	5.0E-03 U				5.0E-03 U	5.0E-03 U
7/7/99	220	NYSDEC	WP	Fillet								
7/7/99	220	NYSDEC	WP	Fillet	1.4E-02	0.8	5.0E-03 U				5.0E-03 U	5.0E-03 U
7/7/99	220	NYSDEC	WP	Fillet								
7/7/99	220	NYSDEC	WP	Fillet	9.0E-03	0.6	5.0E-03 U				5.0E-03 U	5.0E-03 U
7/7/99	220	NYSDEC	WP	Fillet								
7/7/99	220	NYSDEC	WP	Fillet	1.8E-02	1.1	5.0E-03 U				5.0E-03 U	5.0E-03 U
7/16/99	220	NYSDEC	CHC	Fillet								
7/16/99	220	NYSDEC	CHC	Fillet	5.0E-03 U	0.3	5.0E-03 U				5.0E-03 U	5.0E-03 U
7/16/99	220	NYSDEC	CHC	Fillet								
7/16/99	220	NYSDEC	CHC	Fillet	2.3E-02	0.8	5.0E-03 U				5.0E-03 U	5.0E-03 U
7/16/99	220	NYSDEC	CHC	Fillet								
7/16/99	220	NYSDEC	CHC	Fillet	2.1E-02	0.9	5.0E-03 U				5.0E-03 U	5.0E-03 U

Notes: -- denotes no data

Table I-13D. 1997 and 1999 NYSDEC Fish Data, Dioxins/Furans

		Date	6/30/97	6/30/97	6/30/97	6/30/97	35611.0	6/30/97	7/1/97
		Station	220	220	220	220	220	220	220
		Source	NYSDEC	NYSDEC	NYSDEC	NYSDEC	NYSDEC	NYSDEC	NYSDEC
		Species	LMB	LMB	WP	WP	WP	WP	SMB
		Sample	Fillet	Fillet	Fillet	Fillet	Fillet	Fillet	Fillet
		Number Analyze	1	1	1	1	1.0	1	1
		Length (mm)	399	389	266	265	308.0	294	442
		Weight (g)	1048	902	276	250	438.0	378	1038
		Sex	M	M	M	M	F	F	M
Analyte	**Units**	**Age (yrs)**	**9**	**12**	**6**	**6**	**8.0**	**8**	**8**
1,2,3,4,6,7,8-Heptachlorodibenzodioxin	ng/kg-ww		34 U	130 U	6.8 U	3.9 U	1.9 U	5.8 U	33 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg-ww		1.8 U	4.5 U	1.2 U	1.8 U	1.0 U	1.4 U	1.5 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg-ww		2.6 U	6.5 U	1.8 U	2.6 U	1.5 U	2.0 U	2.2 U
1,2,3,4,7,8-Hexachlorodibenzodioxin	ng/kg-ww		6.3 U	17 U	1.9 U	2.2 U	1.2 U	1.8 U	6.1 U
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg-ww		1.2 U	2.8 U	0.9 U	0.2	0.2	1.0 U	1.0 U
1,2,3,6,7,8-hexachlorodibenzodioxin	ng/kg-ww		5.3 U	14 U	1.7 U	0.4	0.4	1.6 U	5.1 U
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg-ww		1.0 U	2.5 U	0.8 U	1.1 U	0.1	0.9 U	0.9 U
1,2,3,7,8,9-hexachlorodibenzodioxin	ng/kg-ww		5.2 U	14 U	1.8 U	2.1 U	1.1 U	1.7 U	5.0 U
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg-ww		1.5 U	3.6 U	1.2 U	1.7 U	0.9 U	1.3 U	1.3 U
1,2,3,7,8-Pentachlorodibenzodioxin	ng/kg-ww		1.4 U	3.3 U	1.1 U	0.8	0.7	1.1 U	1.1 U
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg-ww		0.8 U	0.4	0.7 U	0.5	0.7	0.6 U	0.6 U
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg-ww		1.4	3.2 U	1.0 U	1.4 U	0.8 U	1.1 U	1.2 U
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg-ww		0.3	1.5	0.7	2.5	2.4	0.8	0.5
2,3,7,8-Tetra-chlorodibenzo-dioxin	ng/kg-ww		0.1	0.5	0.3	0.4	0.5	0.9 U	0.3
2,3,7,8-Tetrachlorodibenzofuran	ng/kg-ww		0.8	1.9	1.1	5.0	8.7	1.7	0.7
Octachlorodibenzodioxin	ng/kg-ww		241 U	300 U	32 U	7.6 U	5.5 U	24 U	170 U
Octachlorodibenzofuran	ng/kg-ww		3.6 U	10 U	2.0 U	3.0 U	1.8 U	2.6 U	3.0 U
Sum of Heptachlorodibenzofurans	ng/kg-ww		1.8 U	4.5 U	1.2 U	1.8 U	1.0 U	1.4 U	1.5 U
Sum of Hexachlorodibenzodioxins	ng/kg-ww		5.3 U	14 U	1.7 U	0.4	0.4	1.6 U	5.1 U
Sum of Hexachlorodibenzofurans	ng/kg-ww		1.2 U	2.8 U	0.9 U	0.5	0.3	1.0 U	1.0 U
Sum of Pentachlorodibenzofurans	ng/kg-ww		0.3	1.8	0.7	3.2	2.8	0.7	0.5
TEQ (1/2 DL) Avian	ng/kg-ww		2.7	7.6	3.0	9.1	13	3.9	2.8
TEQ (1/2 DL) Mammalian	ng/kg-ww		2.4	6.7	1.8	3.5	3.6	2.1	2.4
Total Heptachlorodibenzodioxins	ng/kg-ww		34 U	130 U	6.8 U	3.9 U	1.9 U	5.8 U	33 U
Total Pentachlorodibenzodioxins	ng/kg-ww		1.4 U	3.3 U	1.1 U	0.8	0.7	1.1 U	1.1 U
Total Tetrachlorodibenzodioxins	ng/kg-ww		0.1	0.5	0.3	0.4	0.5	0.9 U	0.3
Total Tetrachlorodibenzofurans	ng/kg-ww		0.8	1.9	1.1	5.0	8.7	1.7	0.7

Table I-13D. (cont.)

		7/3/97		6/24/99		6/24/99		7/16/99		7/21/99		7/21/99		7/7/99		7/7/99	
		220		220		220		220		220		220		704		704	
		NYSDEC		NYSDEC		NYSDEC		NYSDEC		NYSDEC		NYSDEC		NYSDEC		NYSDEC	
		SMB		CATF		CP		CATF		CATF		CATF		CATF		CP	
		Fillet		Fillet		Fillet		Fillet		Fillet		Fillet		Fillet		Fillet	
		1		1		1		1		1		1		1		1	
		359		460		669		446		545		481		466		456	
		506		846		4364		844		1656		1040		950		1348	
		M		U		U		U		U		U		U		U	
Analyte	**Units**	**8**		**U**		**U**		**U**		**U**		**U**		**U**		**U**	
1,2,3,4,6,7,8-Heptachlorodibenzodioxin	ng/kg-ww	6.8	U	0.2		1.8		0.2	U	0.3		0.4		0.4		0.5	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg-ww	2.7	U	0.9		0.5		0.4		2.3		3.3		0.9		0.1	U
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg-ww	4.0	U	0.1	U	0.2	U	0.2	U	0.1	U	0.2	U	0.1	U	0.1	U
1,2,3,4,7,8-Hexachlorodibenzodioxin	ng/kg-ww	3.5	U	0.1	U	0.9		0.2	U	0.1	U	0.1		0.2		0.2	
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg-ww	1.8	U	0.3		7.2		0.2	U	0.2		0.5		0.4		1.8	
1,2,3,6,7,8-hexachlorodibenzodioxin	ng/kg-ww	3.0	U	0.3		2.3		0.2	U	0.5		0.6		0.7		0.6	
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg-ww	1.6	U	0.2		3.0		0.2	U	0.2		0.3		0.2		0.5	
1,2,3,7,8,9-hexachlorodibenzodioxin	ng/kg-ww	3.2	U	0.1		0.5		0.2	U	0.1		0.1		0.2		0.1	U
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg-ww	2.3	U	0.1	U	0.2	U	0.2	U	0.1	U	0.1	U	0.1	U	0.1	U
1,2,3,7,8-Pentachlorodibenzodioxin	ng/kg-ww	1.9	U	0.5		4.2		0.3		0.6		0.6		1.3		0.9	
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg-ww	1.2	U	0.3		7.6		0.2	U	0.4		0.9		0.4		3.1	
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg-ww	2.0	U	0.1		1.1		0.2	U	0.2		0.2		0.2		0.1	
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg-ww	0.9		2.9		60		1.5		2.9		4.9		7.4		12	
2,3,7,8-Tetra-chlorodibenzo-dioxin	ng/kg-ww	0.3		0.4		2.5		0.2	U	0.7		0.5		1.3		0.5	
2,3,7,8-Tetrachlorodibenzofuran	ng/kg-ww	1.5		0.7		7.8		0.2		1.3		1.7		0.5		20	
Octachlorodibenzodioxin	ng/kg-ww	23	U	0.4		1.1		0.4		0.6		0.7		0.6		0.7	
Octachlorodibenzofuran	ng/kg-ww	6.4	U	0.1	U	0.2	U	0.2	U	0.5		0.1	U	0.3		0.2	
Sum of Heptachlorodibenzofurans	ng/kg-ww	2.7	U														
Sum of Hexachlorodibenzodioxins	ng/kg-ww	3.0	U														
Sum of Hexachlorodibenzofurans	ng/kg-ww	1.8	U														
Sum of Pentachlorodibenzofurans	ng/kg-ww	0.9															
TEQ (1/2 DL) Avian	ng/kg-ww	4.4		4.6		76		1.9		5.6		8.0		11		34	
TEQ (1/2 DL) Mammalian	ng/kg-ww	2.8		2.5		39		1.0		3.1		4.1		6.6		9.8	
Total Heptachlorodibenzodioxins	ng/kg-ww	6.8	U														
Total Pentachlorodibenzodioxins	ng/kg-ww	1.9	U														
Total Tetrachlorodibenzodioxins	ng/kg-ww	0.3															
Total Tetrachlorodibenzofurans	ng/kg-ww	1.5															

Table I-13D. (cont.)

		7/7/99		7/7/99		7/7/99		7/7/99		7/7/99		7/7/99		7/7/99		7/7/99	
		704		704		704		704		704		704		704		704	
		NYSDEC		NYSDEC		NYSDEC		NYSDEC		NYSDEC		NYSDEC		NYSDEC		NYSDEC	
		CP		CP		CP		WP		WP		WP		WP		WP	
		Fillet		Fillet		Fillet		Fillet		Fillet		Fillet		Fillet		Fillet	
		1		1		1		1		1		1		1		1	
		629		590		671		204		173		204		188		165	
		3822		3222		4034		152		82		126		118		68	
		U		U		U		U		U		U		U		U	
Analyte	**Units**	**U**		**U**		**U**		**U**		**U**		**U**		**U**		**U**	
1,2,3,4,6,7,8-Heptachlorodibenzodioxin	ng/kg-ww	2.7		1.1		2.4		0.4		0.7		0.2		0.4		0.9	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg-ww	0.6		0.5		0.7		0.3		0.5		0.1	U	0.3		1.4	
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg-ww	0.2	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.0	U	0.6	U
1,2,3,4,7,8-Hexachlorodibenzodioxin	ng/kg-ww	1.0		0.8		0.9		0.2		0.2	U	0.1	U	0.2		0.6	U
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg-ww	3.7		5.1		6.3		1.3		0.9		0.3		1.5		0.7	
1,2,3,6,7,8-hexachlorodibenzodioxin	ng/kg-ww	3.0		2.1		3.2		0.6		0.5		0.3		0.6		0.6	U
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg-ww	1.4		1.7		2.6		0.5		0.3		0.1	U	0.5		0.6	U
1,2,3,7,8,9-hexachlorodibenzodioxin	ng/kg-ww	0.5		0.1	U	0.5		0.1	U	0.8		0.1	U	0.1	U	0.6	U
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg-ww	0.2	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.6	U
1,2,3,7,8-Pentachlorodibenzodioxin	ng/kg-ww	3.3		4.7		4.0		1.3		1.2		0.5		1.5		0.6	U
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg-ww	4.7		5.8		6.3		3.3		1.8		0.7		4.0		0.8	
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg-ww	0.8		0.5		0.7		0.1		0.2		0.1	U	0.2		0.6	U
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg-ww	30		71		61		12		5.9		3.4		15		2.0	
2,3,7,8-Tetra-chlorodibenzo-dioxin	ng/kg-ww	2.9		3.1		2.5		1.4		1.0		0.6		1.2		1.1	U
2,3,7,8-Tetrachlorodibenzofuran	ng/kg-ww	9.9		14		12		40		17		14		35		13	
Octachlorodibenzodioxin	ng/kg-ww	1.9		1.1		1.6		0.7		1.0		0.7		0.6		2.3	
Octachlorodibenzofuran	ng/kg-ww	0.2	U	0.1	U	0.1	U	0.1		0.3		0.1		0.1		0.6	
Sum of Heptachlorodibenzofurans	ng/kg-ww																
Sum of Hexachlorodibenzodioxins	ng/kg-ww																
Sum of Hexachlorodibenzofurans	ng/kg-ww																
Sum of Pentachlorodibenzofurans	ng/kg-ww																
TEQ (1/2 DL) Avian	ng/kg-ww	48		94		81		55		26		19		53		15	
TEQ (1/2 DL) Mammalian	ng/kg-ww	24		46		40		13		7.3		4.3		14		2.4	
Total Heptachlorodibenzodioxins	ng/kg-ww																
Total Pentachlorodibenzodioxins	ng/kg-ww																
Total Tetrachlorodibenzodioxins	ng/kg-ww																
Total Tetrachlorodibenzofurans	ng/kg-ww																

Table I-14. 2000 Onondaga Lake Young-of-Year Fish (at Tributary Mouths)

	Date	9/22/00	9/22/00	9/22/00	9/22/00	9/21/00	9/21/00	9/21/00	9/19/00
	Station	220	220	610	610	700	700	700	701
	Source	Allied	Allied	Allied	Allied	Allied	Allied	Allied	Allied
	Species	LMB	LMB	BLUE	PKSD	BLUE	LMB	PKSD	BLUE
	Sample	Composite	Composite	Composite	Composite	Composite	Composite	Composite	Composite
	Weight (g)	--	7	1	9	1	4	8	1
Total solids	%-ww		19	21	25	23	24	25	23
Lipid	%-ww		1.4	2.6	4.5	3.1	2.5	3.2	3.3
Metals and Hexachlobenzene									
Aluminum	mg/kg-ww		12	11	33	57	5.0	66	26
Antimony	mg/kg-ww		5.0E-02 U	5.0E-02 U	5.0E-02 U	5.0E-02 U	5.0E-02 U	5.0E-02 U	5.0E-02 U
Arsenic	mg/kg-ww		0.6	0.5	0.7	0.5	0.8	0.6	0.6
Barium	mg/kg-ww		2.0	4.5	3.9	4.6	1.2	4.7	5.2
Beryllium	mg/kg-ww		2.0E-02 U	2.0E-02 U	2.0E-02	3.0E-02	2.0E-02	2.0E-02	2.0E-02 U
Cadmium	mg/kg-ww		5.0E-02 U	0.2	9.0E-02	6.0E-02	5.0E-02 U	0.1	7.0E-02
Calcium	mg/kg-ww		44,000 J	43,600 J	45,400 J	49,900 J	34,700 J	56,300 J	41,300 J
Chromium	mg/kg-ww		1.0 U	1.0 U	1.0	1.0 U	1.0 U	1.0 U	1.0 U
Cobalt	mg/kg-ww		0.7	0.5	0.6	0.6	0.5	0.7	0.6
Copper	mg/kg-ww		2.6	2.9	3.2	3.3	2.0	4.2	3.1
Cyanide	mg/kg-ww		0.8 U	0.5 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Iron	mg/kg-ww		45	52	71	102	38	136	77
Lead	mg/kg-ww		0.1	0.1	9.0E-02	0.4	0.06	0.5	0.3
Magnesium	mg/kg-ww		1,800	1,850	1,700	1,900	1,690	1,990	1,780
Manganese	mg/kg-ww		5.0	8.9	11	12	2.8	14	8.0
Mercury	µg/kg-ww		156	88	104	54	96	48	224
Nickel	mg/kg-ww		9.9	7.7	8.5	8.6	8.1	9.6	8.2
Potassium	mg/kg-ww		13,600	14,200	12,000	12,900	14,600	12,400	13,200
Selenium	mg/kg-ww		1.0 U	1.5	1.0 U	1.4	1.2	1.1	1.4
Silver	mg/kg-ww		2.0E-02 U	2.0E-02 U	2.0E-02 U	2.0E-02 U	2.0E-02 U	2.0E-02	3.0E-02
Sodium	mg/kg-ww		3,100	4,530	4,260	4,310	4,550	4,570	4,120
Thallium	mg/kg-ww		2.0E-02 U	2.0E-02 U	2.0E-02 U	2.0E-02 U	2.0E-02 U	2.0E-02 U	2.0E-02 U
Vanadium	mg/kg-ww		0.7	1.1	1.0	1.1	1.1	1.4	1.1
Zinc	mg/kg-ww		93	154	112	130	81	115	136
Hexachlorobenzene (GC/ECD)	ug/kg-ww		8.6	6.3	8.3	10	10 U	10 U	21
Pesticides and PCBs									
4,4'-DDD	µg/kg-ww		2.9 J	3.4	6.6	10	10 U	12	2.5
4,4'-DDE	µg/kg-ww		9.7	10	19	30	18	44	7.7
4,4'-DDT	µg/kg-ww		1.5 J	2.2 J	2.3 J	10 U	10 U	10 U	2.1 J
Aldrin and dieldrin (Sum)	µg/kg-ww		2.9	4.9	3.7	18	10 U	17	3.2
Aldrin	µg/kg-ww		1.0 U	2.0 U	1.0 U	10 U	10 U	10 U	2.0 U
alpha-BHC	µg/kg-ww		1.0 U	2.0 U	1.0 U	10 U	10 U	10 U	2.0 U
alpha-Chlordane	µg/kg-ww		1.0 U	2.0 U	1.0 U	10 U	10 U	10 U	2.0 U
Aroclor-1016	µg/kg-ww		10 UJ	10 UJ	10 UJ	100 UJ	100 UJ	100 UJ	10 UJ
Aroclor-1221	µg/kg-ww		20 UJ	20 UJ	20 UJ	200 UJ	200 UJ	200 UJ	20 UJ
Aroclor-1232	µg/kg-ww		10 UJ	10 UJ	10 UJ	100 UJ	100 UJ	100 UJ	10 UJ
Aroclor-1242	µg/kg-ww		10 UJ	10 UJ	10 UJ	100 UJ	100 UJ	100 UJ	10 UJ
Aroclor-1248	µg/kg-ww		86 J	130 J	130 J	1,300 J	520 J	2,100 J	160 J

Table I-14. (cont.)

	Date	9/22/00	9/22/00	9/22/00	9/22/00	9/21/00	9/21/00	9/21/00	9/19/00
	Station	220	220	610	610	700	700	700	701
	Source	Allied	Allied	Allied	Allied	Allied	Allied	Allied	Allied
	Species	LMB	LMB	BLUE	PKSD	BLUE	LMB	PKSD	BLUE
	Sample	Composite	Composite	Composite	Composite	Composite	Composite	Composite	Composite
	Weight (g)	--	7	1	9	1	4	8	1
Aroclor-1254	µg/kg-ww		10 UJ	10 UJ	10 UJ	100 UJ	100 UJ	100 UJ	10 UJ
Aroclor-1260	µg/kg-ww		56 J	50 J	48 J	250 J	170 J	270 J	53 J
Aroclor-1268	µg/kg-ww		10 UJ	10 UJ	10 UJ	100 UJ	100 UJ	100 UJ	10 UJ
beta-BHC	µg/kg-ww		5.4	2.0 U	1.0 U	10 U	10 U	10 U	2.0 U
Chlordane (Sum)	µg/kg-ww		1.0 U	3.0 U	3.0 U	10 U	10 U	10 U	3.0 U
DDT and metabolites (Sum)	µg/kg-ww		14	16	28	40	18	56	12
delta-BHC	µg/kg-ww		1.0 U	2.0 U	1.0 U	10 U	10 U	10 U	2.0 U
Dieldrin	µg/kg-ww		2.9	4.9	3.7	18	10 U	17	3.2
Endosulfan I	µg/kg-ww		1.0 U	2.0 U	1.0 U	10 U	10 U	10 U	2.0 U
Endosulfan II	µg/kg-ww		1.0 U	2.0 U	1.0 U	10 U	10 U	10 U	2.0 U
Endosulfan sulfate	µg/kg-ww		1.0 U	2.0 U	1.0 U	10 U	10 U	10 U	2.0 U
Endrin aldehyde	µg/kg-ww		1.0 U	2.0 U	3.0 U	10 U	10 U	10 U	2.0 U
Endrin ketone	µg/kg-ww		8.0 U	2.0 U	2.0 U	10 U	10 U	10 U	2.0 U
Endrin	µg/kg-ww		1.9 J	2.2 J	1.5 J	10 U	10 U	10 U	2.2 J
gamma-BHC (Lindane)	µg/kg-ww		1.0 U	2.0 U	1.0 U	10 U	10 U	10 U	2.0 U
gamma-Chlordane	µg/kg-ww		1.0 U	3.0 U	3.0 U	10 U	10 U	10 U	3.0 U
Heptachlor epoxide	µg/kg-ww		5.0 U	7.0 U	5.0 U	15 U	10 U	25 U	5.0 U
Heptachlor	µg/kg-ww		1.0 U	2.0 U	1.0 U	10 U	10 U	12 U	2.0 U
Hexachlorocyclohexanes (Sum)	µg/kg-ww		5.4	2.0 U	1.0 U	10 U	10 U	10 U	2.0 U
Methoxychlor	µg/kg-ww		1.0 U	2.0 U	1.0 U	10 U	10 U	10 U	2.0 U
PCBs (Sum)	µg/kg-ww		142	180	178	1,550	690	2,370	213
Toxaphene	µg/kg-ww		200 U	200 U	200 U	500 U	1,000 U	1,000 U	200 U
Dioxin/Furans									
1,2,3,4,6,7,8-Heptachlorodibenzodioxin	ng/kg-ww	0.12 J	0.1 J	0.6 J	0.9 J	0.8 J	0.2 J	0.7 J	0.2 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ng/kg-ww	0.12 U	0.1 U	0.1 U	0.3 J	0.3 J	0.1 U	0.2 J	0.2 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ng/kg-ww	0.12 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U
1,2,3,4,7,8-Hexachlorodibenzodioxin	ng/kg-ww	0.12 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U
1,2,3,4,7,8-Hexachlorodibenzofuran	ng/kg-ww	0.12 U	0.1 U	0.1 U	0.2 U	0.2 J	0.1 U	0.2 J	0.2 J
1,2,3,6,7,8-Hexachlorodibenzodioxin	ng/kg-ww	0.12 U	0.1 U	0.1 J	0.2 J	0.3 J	0.1 J	0.2 J	0.2 U
1,2,3,6,7,8-Hexachlorodibenzofuran	ng/kg-ww	0.12 U	0.1 U	0.1 J	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U
1,2,3,7,8,9-Hexachlorodibenzodioxin	ng/kg-ww	0.12 U	0.1 U	0.1 U	0.2 U	0.2 J	0.1 U	0.1 U	0.2 U
1,2,3,7,8,9-Hexachlorodibenzofuran	ng/kg-ww	0.12 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U
1,2,3,7,8-Pentachlorodibenzodioxin	ng/kg-ww	0.12 U	0.1 U	0.1 U	0.4 J	0.3 J	0.1 J	0.4 J	0.2 U
1,2,3,7,8-Pentachlorodibenzofuran	ng/kg-ww	0.12 U	0.1 U	0.1 J	0.2 U	0.3 J	0.1 U	0.3 J	0.3 J
2,3,4,6,7,8-Hexachlorodibenzofuran	ng/kg-ww	0.12 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 J	0.1 U	0.2 U
2,3,4,7,8-Pentachlorodibenzofuran	ng/kg-ww	0.173 J	0.2 J	0.2 J	0.2 U	0.7 J	0.6 J	0.6 J	0.6 J
2,3,7,8-Tetra-chlorodibenzo-dioxin	ng/kg-ww	0.12 U	0.1 U	0.2 U	0.3 J	0.8 J	0.3 J	0.8 J	0.2 U
2,3,7,8-Tetrachlorodibenzofuran	ng/kg-ww	0.663 J	0.7 J	0.8 J	2.3	1.6	1.3	2.0	2.8
Octachlorodibenzodioxin	ng/kg-ww	0.49 U	0.5 U	2.7 J	4.3 J	4.1 J	0.8 U	3.6 J	0.8 U
Octachlorodibenzofuran	ng/kg-ww	0.12 U	0.1 U	0.4 J	0.6 J	0.4 J	0.1 U	0.4 J	0.2 U
TEQ - Dioxins (ND=1/2)	ng/kg-ww	0.13							

Table I-14. (cont.)

	Date	9/22/00	9/22/00	9/22/00	9/22/00	9/21/00	9/21/00	9/21/00	9/19/00
	Station	220	220	610	610	700	700	700	701
	Source	Allied	Allied	Allied	Allied	Allied	Allied	Allied	Allied
	Species	LMB	LMB	BLUE	PKSD	BLUE	LMB	PKSD	BLUE
	Sample	Composite	Composite	Composite	Composite	Composite	Composite	Composite	Composite
	Weight (g)	--	7	1	9	1	4	8	1
TEQ - Furans (ND=1/2)	ng/kg-ww	0.16							
TEQ (1/2 DL) Avian	ng/kg-ww	0.99	1.0	1.2	3.2	3.5	2.3	3.9	3.7
TEQ (1/2 DL) Mammalian	ng/kg-ww	0.31	0.3	0.4	1.1	1.7	0.9	1.8	0.8
Total heptachlorodibenzodioxins	ng/kg-ww	0.12 U	0.1 U	0.1 U	1.5 J	0.1 U	0.1 J	0.7 J	0.2 U
Total heptachlorodibenzofurans	ng/kg-ww	0.12 U	0.1 U	0.1 U	0.4 J	0.5 J	0.1 U	0.4 J	0.2 U
Total hexachlorodibenzodioxins	ng/kg-ww	0.12 U	0.1 U	0.1 U	0.2 J	0.1 U	0.1 U	0.3 J	0.2 U
Total hexachlorodibenzofurans	ng/kg-ww	0.12 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.2 J	0.2 U
Total pentachlorodibenzodioxins	ng/kg-ww	0.12 U	0.1 U	0.1 U	0.2 U	0.3 J	0.1 U	0.4 J	0.2 U
Total pentachlorodibenzofurans	ng/kg-ww	0.173 J	0.2 J	0.1 U	0.5 J	1.3 J	0.7 J	1.2	0.9 J
Total tetrachlorodibenzodioxins	ng/kg-ww	0.12 U	0.1 U	0.2 U	0.3 J	0.4 J	0.2 J	0.8 J	0.2 U
Total tetrachlorodibenzofurans	ng/kg-ww	0.553 J	0.6 J	0.9 J	2.0 J	0.6 J	1.3	3.1	2.4

Table I-14. (cont.)

	Date	9/19/00	9/21/00	9/21/00	9/21/00	9/21/00	9/21/00	9/19/00	9/19/00
	Station	701	703	704	706	706	706	707	707
	Source	Allied	Allied	Allied	Allied	Allied	Allied	Allied	Allied
	Species	PKSD	BLUE	BLUE	BLUE	LMB	PKSD	BLUE	PKSD
	Sample	Composite	Composite	Composite	Composite	Composite	Composite	Composite	Composite
	Weight (g)	5	1	1	1	14	3	1	2
Total solids	%-ww	25	22	23	21	23	26	23	25
Lipid	%-ww	4.5	3.8	3.0	3.2	2.4	4.0	3.1	3.8
Metals and Hexachlobenzene									
Aluminum	mg/kg-ww	30	30	50	60	6.4	20	22	16
Antimony	mg/kg-ww	5.0E-02 U	5.0E-02 U	5.0E-02 U	5.0E-02 U	5.0E-02 U	5.0E-02 U	5.0E-02 U	5.0E-02 U
Arsenic	mg/kg-ww	0.5	1.5	0.6	0.5	0.5 U	0.5	0.8	1.0
Barium	mg/kg-ww	3.3	3.9	3.4	4.0	0.7	4.3	4.8	3.9
Beryllium	mg/kg-ww	3.0E-02	3.0E-02	2.0E-02 U	3.0E-02	2.0E-02 U	2.0E-02	2.0E-02	3.0E-02
Cadmium	mg/kg-ww	5.0E-02 U	5.0E-02 U	5.0E-02 U	6.0E-02	5.0E-02 U	5.0E-02 U	0.2	0.2
Calcium	mg/kg-ww	57,400 J	38,200 J	40,700 J	37,000 J	38,800 J	41,100 J	42,800 J	44,600 J
Chromium	mg/kg-ww	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cobalt	mg/kg-ww	0.8	0.5	0.6	0.5	0.5	0.7	0.7	0.7
Copper	mg/kg-ww	2.8	2.8	3.2	3.1	2.3	3.0	4.9	3.1
Cyanide	mg/kg-ww	0.5 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Iron	mg/kg-ww	84	74	123	137	36	78	78	68
Lead	mg/kg-ww	0.2	0.3	1.0	0.5	0.06	0.2	0.2	0.2
Magnesium	mg/kg-ww	1,820	1,750	1,910	1,700	1,710	1,630	1,820	1,710
Manganese	mg/kg-ww	9.6	8.0	6.9	8.5	2.6	7.1	8.4	7.1
Mercury	µg/kg-ww	144	178	137	97	79	97	66	55
Nickel	mg/kg-ww	13	6.6	8.3	7.0	7.2	9.9	10	8.9
Potassium	mg/kg-ww	12,300	13,500	13,400	13,900	14,200	12,400	13,500	12,300
Selenium	mg/kg-ww	1.0 U	2.6	1.7	1.5	1.1	1.0 U	1.5	1.2
Silver	mg/kg-ww	2.0E-02 U	2.0E-02 U	2.0E-02	3.0E-02	2.0E-02 U	3.0E-02	2.0E-02 U	2.0E-02 U
Sodium	mg/kg-ww	4,330	3,730	4,030	4,340	4,690	4,400	4,350	4,630
Thallium	mg/kg-ww	2.0E-02 U	2.0E-02 U	2.0E-02 U	2.0E-02 U	2.0E-02 U	2.0E-02 U	2.0E-02 U	2.0E-02
Vanadium	mg/kg-ww	1.1	1.2	1.2	1.3	1.1	1.3	1.2	1.3
Zinc	mg/kg-ww	100	139	143	134	81	97	127	97
Hexachlorobenzene (GC/ECD)	ug/kg-ww	27	47	44	25	16	19	10 U	10 U
Pesticides and PCBs									
4,4'-DDD	µg/kg-ww	3.3	3.1	5.6	4.9 J	10 U	6.6	10 U	19 J
4,4'-DDE	µg/kg-ww	11	13	14	11	16	19	18	51
4,4'-DDT	µg/kg-ww	1.8 J	2.0 U	2.0 U	4.1 J	10 U	4.6 J	10 U	17 J
Aldrin and dieldrin (Sum)	µg/kg-ww	4.0	6.1	7.2	5.5	10 U	7.4	10 U	26
Aldrin	µg/kg-ww	1.0 U	2.0 U	2.0 U	2.0 U	10 U	1.0 U	10 U	10 U
alpha-BHC	µg/kg-ww	1.0 U	2.0 U	2.0 U	2.0 U	10 U	2.0 U	10 U	10 U
alpha-Chlordane	µg/kg-ww	1.0 U	2.0 U	6.0 U	4.0 U	10 U	4.0 U	10 U	10 U
Aroclor-1016	µg/kg-ww	10 UJ	10 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ
Aroclor-1221	µg/kg-ww	20 UJ	20 UJ	200 UJ	200 UJ	200 UJ	200 UJ	200 UJ	200 UJ
Aroclor-1232	µg/kg-ww	10 UJ	10 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ
Aroclor-1242	µg/kg-ww	10 UJ	10 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ
Aroclor-1248	µg/kg-ww	140 J	160 J	300 J	260 J	330 J	380 J	290 J	400 J

Table I-14. (cont.)

	Date	9/19/00	9/21/00	9/21/00	9/21/00	9/21/00	9/21/00	9/19/00	9/19/00
	Station	701	703	704	706	706	706	707	707
	Source	Allied	Allied	Allied	Allied	Allied	Allied	Allied	Allied
	Species	PKSD	BLUE	BLUE	BLUE	LMB	PKSD	BLUE	PKSD
	Sample	Composite	Composite	Composite	Composite	Composite	Composite	Composite	Composite
	Weight (g)	5	1	1	1	14	3	1	2
Aroclor-1254	µg/kg-ww	10 UJ	10 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ
Aroclor-1260	µg/kg-ww	55 J	47 J	150 J	110 J	180 J	130 J	280 J	750 J
Aroclor-1268	µg/kg-ww	10 UJ	10 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ
beta-BHC	µg/kg-ww	1.0 U	2.0 U	2.0 U	2.0 U	10 U	5.0 U	10 U	10 U
Chlordane (Sum)	µg/kg-ww	2.0 U	2.0 U	9.0 U	2.0 U	10 U	9.0 U	10 U	10 U
DDT and metabolites (Sum)	µg/kg-ww	16	16	20	20	16	30	18	87
delta-BHC	µg/kg-ww	1.0 U	2.0 U	2.0 U	2.0 U	10 U	1.0 U	10 U	10 U
Dieldrin	µg/kg-ww	4.0	6.1	7.2	5.5	10 U	7.4	10 U	26 J
Endosulfan I	µg/kg-ww	1.0 U	2.0 U	2.0 U	2.0 U	10 U	1.0 U	10 U	10 U
Endosulfan II	µg/kg-ww	1.0 U	2.0 U	2.0 U	2.0 U	10 U	1.0 U	10 U	10 U
Endosulfan sulfate	µg/kg-ww	1.0 U	2.0 U	2.0 U	2.0 U	10 U	3.0 U	10 U	10 U
Endrin aldehyde	µg/kg-ww	2.0 U	6.0 U	4.0 U	4.0 U	10 U	5.0 U	10 U	10 U
Endrin ketone	µg/kg-ww	1.0 U	3.0 U	5.2	4.0 U	10 U	1.0 U	10 U	10 U
Endrin	µg/kg-ww	1.5 J	2.5 J	3.6 J	4.7 J	10 U	3.9 J	10 U	33 J
gamma-BHC (Lindane)	µg/kg-ww	1.0 U	2.0 U	2.0 U	2.0 U	10 U	1.0 U	10 U	10 U
gamma-Chlordane	µg/kg-ww	2.0 U	2.0 U	9.0 U	2.0 U	10 U	9.0 U	10 U	10 U
Heptachlor epoxide	µg/kg-ww	6.0 U	6.0 U	13 U	11 U	10 U	3.0 U	10 U	10 U
Heptachlor	µg/kg-ww	1.0 U	2.0 U	2.0 U	2.0 U	10 U	1.0 U	10 U	10 U
Hexachlorocyclohexanes (Sum)	µg/kg-ww	1.0 U	2.0 U	2.0 U	2.0 U	10 U	1.0 U	10 U	10 U
Methoxychlor	µg/kg-ww	1.0 U	2.0 U	2.0 U	2.0 U	10 U	1.0 U	10 U	10 U
PCBs (Sum)	µg/kg-ww	195	207	450	370	510	510	570	1,150
Toxaphene	µg/kg-ww	200 U	200 U	200 U	200 U	1,000 U	200 U	1,000 U	1,000 U
Dioxin/Furans									
1,2,3,4,6,7,8-Heptachlorodibenzo	ng/kg-ww	0.2 J	0.6 J	0.8 J	0.6 J	0.2 J	0.3 J	0.3 J	0.3 J
1,2,3,4,6,7,8-Heptachlorodibenzo	ng/kg-ww	0.1 U	0.3 J	0.2 J	0.3 J	0.1 U	0.1 U	0.2 U	0.1 U
1,2,3,4,7,8,9-Heptachlorodibenzo	ng/kg-ww	0.1 U	0.1 U	0.2 U	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U
1,2,3,4,7,8-Hexachlorodibenzodi	ng/kg-ww	0.1 U	0.1 U	0.2 U	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U
1,2,3,4,7,8-Hexachlorodibenzofu	ng/kg-ww	0.2 J	0.4 J	0.6 J	0.3 J	0.1 U	0.1 J	0.2 U	0.1 U
1,2,3,6,7,8-Hexachlorodibenzodi	ng/kg-ww	0.1 U	0.3 J	0.2 J	0.3 J	0.1 U	0.2 J	0.2 U	0.1 J
1,2,3,6,7,8-Hexachlorodibenzofu	ng/kg-ww	0.1 U	0.1 U	0.2 U	0.2 J	0.1 U	0.1 U	0.2 U	0.1 U
1,2,3,7,8,9-Hexachlorodibenzodi	ng/kg-ww	0.1 U	0.1 U	0.2 U	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U
1,2,3,7,8,9-Hexachlorodibenzofu	ng/kg-ww	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U
1,2,3,7,8-Pentachlorodibenzodio	ng/kg-ww	0.1 J	0.6 J	0.4 J	0.4 J	0.3 J	0.2 J	0.2 J	0.3 J
1,2,3,7,8-Pentachlorodibenzofura	ng/kg-ww	0.4 J	1.1 J	0.8 J	0.6 J	0.2 J	0.1 U	0.2 U	0.2 J
2,3,4,6,7,8-Hexachlorodibenzofu	ng/kg-ww	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U
2,3,4,7,8-Pentachlorodibenzofura	ng/kg-ww	0.1 U	5.6	2.6	1.7	1.0 J	0.9 J	0.4 J	0.7 J
2,3,7,8-Tetra-chlorodibenzo-diox	ng/kg-ww	0.2 J	0.5 J	0.5 J	0.4 J	0.3 J	0.4 J	0.2 J	0.4 J
2,3,7,8-Tetrachlorodibenzofuran	ng/kg-ww	3.2	6.0	4.7	2.4	1.0	3.8	1.2 J	1.8
Octachlorodibenzodioxin	ng/kg-ww	0.6 U	2.1 J	3.3 J	2.3 J	0.8 U	1.1 U	1.6 U	1.6 U
Octachlorodibenzofuran	ng/kg-ww	0.3 J	0.4 J	0.4 J	0.3 J	0.1 U	0.1 J	0.2 U	0.2 U
TEQ - Dioxins (ND=1/2)	ng/kg-ww								

Table I-14. (cont.)

	Date	9/19/00	9/21/00	9/21/00	9/21/00	9/21/00	9/21/00	9/19/00	9/19/00
	Station	701	703	704	706	706	706	707	707
	Source	Allied	Allied	Allied	Allied	Allied	Allied	Allied	Allied
	Species	PKSD	BLUE	BLUE	BLUE	LMB	PKSD	BLUE	PKSD
	Sample	Composite	Composite	Composite	Composite	Composite	Composite	Composite	Composite
	Weight (g)	5	1	1	1	14	3	1	2
TEQ - Furans (ND=1/2)	ng/kg-ww								
TEQ (1/2 DL) Avian	ng/kg-ww	3.6	13	8.5	5.0	2.6	5.5	2.0	3.1
TEQ (1/2 DL) Mammalian	ng/kg-ww	0.7	4.7	2.9	2.0	1.2	1.6	0.7	1.2
Total heptachlorodibenzodioxins	ng/kg-ww	0.1 U	1.0 J	0.5 J	0.6 J	0.1 U	0.2 J	0.3 J	0.8 J
Total heptachlorodibenzofurans	ng/kg-ww	0.1 U	0.3 J	0.2 U	0.3 J	0.1 U	0.1 U	0.2 U	0.1 U
Total hexachlorodibenzodioxins	ng/kg-ww	0.1 U	0.1 U	0.2 U	0.2 U	0.1 U	0.2 J	0.2 U	0.1 J
Total hexachlorodibenzofurans	ng/kg-ww	0.1 U	0.4 J	0.6 J	0.7 J	0.1 U	0.1 U	0.2 U	0.2 J
Total pentachlorodibenzodioxins	ng/kg-ww	0.1 U	0.6 J	0.2 U	0.1 U	0.1 U	0.2 J	0.2 J	0.3 J
Total pentachlorodibenzofurans	ng/kg-ww	0.1 U	7.1	3.8	3.1	0.2 J	1.1	0.7 J	1.2
Total tetrachlorodibenzodioxins	ng/kg-ww	1.3	0.7 J	0.5 J	2.3	0.1 U	1.3	0.2 J	0.4 J
Total tetrachlorodibenzofurans	ng/kg-ww	3.2	7.8	4.7	2.7	0.9 J	4.0	1.1 J	2.3

Table I-15A. 2000 Adult Fish from Onondaga Lake, Conventional Analytes, Hexachlorbenzene, Pesticides and PCBs

Date	Station	Source	Species	Sample	Length mm	Weight g	Sex	Age yrs	Total solids %-ww	Lipid %-ww	Hexachloroben zene µg/kg-ww	4,4'-DDD µg/kg-ww	4,4'-DDE µg/kg-ww
6/14/00	220	NYSDEC	LMB	Fillet	399	--	--	5			2.0 U	2.0 U	3.0
6/14/00	220	NYSDEC	LMB	Fillet	391	--	--	5			8.0	4.0	8.0
6/19/00	220	NYSDEC	LMB	Fillet	400	--	--	5			6.0	5.0	13
6/19/00	220	NYSDEC	LMB	Fillet	396	--	--	5			2.0 U	2.0 U	5.0
6/19/00	220	NYSDEC	LMB	Fillet	414	--	--	5			2.0	2.0 U	4.0
6/19/00	220	NYSDEC	SMB	Fillet	399	--	--	8			6.0	7.0	26
6/19/00	220	NYSDEC	SMB	Fillet	318	--	--	6			2.0	2.0	8.0
6/19/00	220	NYSDEC	SMB	Fillet	376	--	--	6			4.0	3.0	10
6/19/00	220	NYSDEC	SMB	Fillet	374	--	--	5			4.0	4.0	10
6/19/00	220	NYSDEC	SMB	Fillet	361	--	--	6			4.0	2.0	6.0
9/19/00	220	Allied	CP	Whole Body	6,860	4,937	F	9	31	11	160	71	230
9/19/00	220	Allied	CP	Whole Body	6,420	4,200	F	7	36	15	24	50	130
9/19/00	220	Allied	SMB	Whole Body	4,480	1,192	M	8	27	5.9	34	39	170
9/19/00	220	Allied	SMB	Whole Body	4,600	1,589	F	8	30	8.8	30	47	120
9/20/00	220	Allied	BLUE	Whole Body	1,590	79	M	3	22	1.8	13	4.0 U	21
9/20/00	220	Allied	BLUE	Whole Body	1,580	99	F	3	26	4.1	16	4.8	18
9/20/00	220	Allied	BLUE	Whole Body	1,580	78	M	2	23	4.1	16	4.0	18
9/20/00	220	Allied	BLUE	Whole Body	1,400	53	F	2	27	3.5	16	3.5 J	19 J
9/20/00	220	Allied	CP	Fillet	5,630	763	M	7	25	7.1	29	14	43
9/20/00	220	Allied	CP	Fillet	6,030	941	F	8	34	14	20	34	100
9/20/00	220	Allied	CP	Fillet	5,750	858	F	7	29	9.4	170	34	100
9/20/00	220	Allied	CP	Remainder	5,630	1,171	M	7	34	12	120	46	140
9/20/00	220	Allied	CP	Remainder	6,030	1,422	F	8	42	22	35	54	170
9/20/00	220	Allied	CP	Remainder	5,750	1,156	F	7	39	19	280	57	240
9/20/00	220	Allied	CP	Whole Body	7,120	6,470	F	12	36	17	85	56	180
9/20/00	220	Allied	CP	Whole Body	5,900	3,405	M	8	36	17	150	61	180
9/20/00	220	Allied	CP	Whole Body	6,300	4,029	F	8	28	8.3	76	35	110
9/20/00	220	Allied	CP	Whole Body	5,870	3,206	F	8	33	12	31	38	96
9/22/00	220	Allied	BLUE	Fillet	1,890	67	M	3	23	2.2	8.7	3.8	16
9/22/00	220	Allied	BLUE	Fillet	1,760	43	M	4	21	1.0	2.7	1.4	7.6
9/22/00	220	Allied	BLUE	Remainder	1,760	46	M	4	28	2.3	10 U	10 U	21
9/22/00	220	Allied	BLUE	Remainder	1,890	48	M	3	31	4.3	22	20 U	34
9/22/00	220	Allied	CATF	Whole Body	5,050	1,305	F	16	27	7.8	110	60	330
9/22/00	220	Allied	SMB	Whole Body	3,560	601	F	5	29	6.9	36	18	53
9/22/00	220	Allied	SMB	Whole Body	3,160	397	M	6	25	2.5	21	11	33
9/22/00	220	Allied	CATF	Fillet	5,350	398	M	12	23	3.3	12	21	80
9/22/00	220	Allied	CATF	Fillet	5,020	391	F	9	24	6.4	52	52	140
9/22/00	220	Allied	CATF	Remainder	5,350	813	M	12	32	8.8	40	61	290
9/22/00	220	Allied	CATF	Remainder	5,020	599	F	9	37	13	110	85	320
9/22/00	220	Allied	CATF	Whole Body	5,120	1,561	M	12	26	5.9	40	47	170
9/22/00	220	Allied	CATF	Whole Body	5,040	1,362	M	14	26	7.9	52	94	360
9/19/00	701	Allied	CP	Fillet	5,870	647	M	7	28	7.4	110	34 J	100
9/19/00	701	Allied	CP	Fillet	5,900	733	M	10	21	1.0	7.9	3.5	13
9/19/00	701	Allied	CP	Remainder	5,870	1,260	M	7	37	12	150	48 J	150

Table I-15A. (cont.)

Date	Station	Source	Species	Sample	Length mm	Weight g	Sex	Age yrs	Total solids %-ww	Lipid %-ww	Hexachlorobenzene µg/kg-ww	4,4'-DDD µg/kg-ww	4,4'-DDE µg/kg-ww
9/19/00	701	Allied	CP	Remainder	5,900	1,141	M	10	29	4.0	42	18 J	76
9/19/00	701	Allied	SMB	Fillet	3,110	158	M	5	22	1.1	2.3	1.3	6.1
9/19/00	701	Allied	SMB	Fillet	2,970	200	M	5	22	1.7	9.3	3.2	12
9/19/00	701	Allied	SMB	Remainder	3,110	177	M	5	29	5.0	22	22	96
9/19/00	701	Allied	SMB	Remainder	2,970	170	M	5	30	5.8	40	26 J	77

Table I-15A. (cont.)

Date	Station	Source	4,4'-DDT µg/kg-ww	Aldrin and dieldrin (Sum) µg/kg-ww	Aldrin µg/kg-ww	alpha-BHC µg/kg-ww	alpha-Chlordane µg/kg-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 and Aroclor-1260 µg/kg-ww
6/14/00	220	NYSDEC	2.0		5.0 U	5.0 U					44		67
6/14/00	220	NYSDEC	4.0		5.0 U	5.0 U					126		159
6/19/00	220	NYSDEC	6.0		5.0 U	5.0 U					182		235
6/19/00	220	NYSDEC	2.0		5.0 U	5.0 U					47		63
6/19/00	220	NYSDEC	2.0		5.0 U	5.0 U					59		75
6/19/00	220	NYSDEC	9.0		5.0 U	5.0 U					287		489
6/19/00	220	NYSDEC	2.0		5.0 U	5.0 U					95		201
6/19/00	220	NYSDEC	4.0		5.0 U	5.0 U					126		186
6/19/00	220	NYSDEC	5.0		5.0 U	5.0 U					150		241
6/19/00	220	NYSDEC	4.0		5.0 U	5.0 U					117		212
9/19/00	220	Allied	19 J	48	10 U	10 U	10 U	100 UJ	200 UJ	100 UJ	100 UJ	1,500 J	
9/19/00	220	Allied	19	23	1.5 U	1.0 U	7.4 J	100 UJ	200 UJ	100 UJ	100 UJ	1,300 J	
9/19/00	220	Allied	30 J	30	10 U	10 U	10 U	100 UJ	200 UJ	100 UJ	100 UJ	1,500 J	
9/19/00	220	Allied	17 J	27	1.0 U	1.0 U	4.0 J	100 UJ	200 UJ	100 UJ	100 UJ	1,400 J	
9/20/00	220	Allied	3.8 J	6.0	2.0 U	2.0 U	2.0 U	20 UJ	40 UJ	20 UJ	20 UJ	150 J	
9/20/00	220	Allied	4.0 J	6.4	2.0 U	2.0 U	2.0 U	20 UJ	40 UJ	20 UJ	20 UJ	330 J	
9/20/00	220	Allied	2.7 J	3.9	2.0 U	2.0 U	2.0 U	20 UJ	40 UJ	20 UJ	20 UJ	230 J	
9/20/00	220	Allied	5.7 J	7.0	2.0 U	2.0 U	2.0 U	20 UJ	40 UJ	20 UJ	20 UJ	430 J	
9/20/00	220	Allied	6.1 J	7.4	1.0 U	1.0 U	2.6 J	10 UJ	20 UJ	10 UJ	10 UJ	570 J	
9/20/00	220	Allied	5.3	17	3.0	1.0 U	6.9	10 UJ	20 UJ	10 UJ	10 UJ	440 J	
9/20/00	220	Allied	7.6 J	13	10 U	10 U	10 U	10 UJ	20 UJ	10 UJ	10 UJ	640 J	
9/20/00	220	Allied	23 J	53	10 U	10 U	10 U	100 UJ	200 UJ	100 UJ	100 UJ	1,700 J	
9/20/00	220	Allied	10 U	18	10 U	10 U	10 U	100 UJ	200 UJ	100 UJ	100 UJ	700 J	
9/20/00	220	Allied	13 J	21	10 U	10 U	10 U	100 UJ	200 UJ	100 UJ	100 UJ	1,200 J	
9/20/00	220	Allied	16 J	38	10 U	10 U	10 U	100 UJ	200 UJ	100 UJ	100 UJ	1,200 J	
9/20/00	220	Allied	18 J	52	10 U	10 U	10 U	100 UJ	200 UJ	100 UJ	100 UJ	1,700 J	
9/20/00	220	Allied	14 J	35	10 U	10 U	10 U	100 UJ	200 UJ	100 UJ	100 UJ	1,300 J	
9/20/00	220	Allied	4.8 J	8.6	1.0 U	1.0 U	5.2 J	10 UJ	20 UJ	10 UJ	10 UJ	360 J	
9/22/00	220	Allied	4.4 J	5.9	2.0 U	1.0 U	1.0 U	10 UJ	20 UJ	10 UJ	10 UJ	210 J	
9/22/00	220	Allied	1.6 J	3.7	1.0 U	1.0 U	1.0 U	10 UJ	20 UJ	10 UJ	10 UJ	61 J	
9/22/00	220	Allied	10 U	10 U	10 U	10 U	10 U	100 UJ	200 UJ	100 UJ	100 UJ	160 J	
9/22/00	220	Allied	20 U	20 U	20 U	20 U	20 U	100 UJ	200 UJ	100 UJ	100 UJ	470 J	
9/22/00	220	Allied	36 J	79	10 U	10 U	10 U	100 UJ	200 UJ	100 UJ	100 UJ	1,700 J	
9/22/00	220	Allied	12 J	18	10 U	10 U	10 U	100 UJ	200 UJ	100 UJ	100 UJ	1,000 J	
9/22/00	220	Allied	10 U	11	10 U	10 U	10 U	10 UJ	20 UJ	10 UJ	10 UJ	360 J	
9/22/00	220	Allied	7.4 J	14	1.0 U	1.0 U	1.0 U	10 UJ	20 UJ	10 UJ	10 UJ	270 J	
9/22/00	220	Allied	16 J	42	10 U	10 U	10 U	100 UJ	200 UJ	100 UJ	100 UJ	1,100 J	
9/22/00	220	Allied	25 J	31	10 U	10 U	10 U	100 UJ	200 UJ	100 UJ	100 UJ	880 J	
9/22/00	220	Allied	38 J	45	10 U	10 U	10 U	100 UJ	200 UJ	100 UJ	100 UJ	1,600 J	
9/22/00	220	Allied	24 J	53	10 U	10 U	10 U	100 UJ	10 UJ	10 UJ	10 UJ	980 J	
9/22/00	220	Allied	45 J	100	10 U	10 U	10 U	100 UJ	200 UJ	100 UJ	100 UJ	1,100 J	
9/19/00	701	Allied	14 J	20	10 U	10 U	10 U	100 UJ	200 UJ	100 UJ	100 UJ	1,200 J	
9/19/00	701	Allied	1.8 J	2.4	1.0 U	1.0 U	1.0 U	10 UJ	20 UJ	10 UJ	10 UJ	69 J	
9/19/00	701	Allied	18 J	26	10 U	10 U	10 U	100 UJ	200 UJ	100 UJ	100 UJ	1,600 J	

Table I-15A. (cont.)

Date	Station	Source	4,4'-DDT µg/kg-ww	Aldrin and dieldrin (Sum) µg/kg-ww	Aldrin µg/kg-ww	alpha-BHC µg/kg-ww	alpha-Chlordane µg/kg-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 and Aroclor-1260 µg/kg-ww
9/19/00	701	Allied	11 J	15	10 U	10 U	10 U	10 UJ	20 UJ	10 UJ	10 UJ	330 J	
9/19/00	701	Allied	1.9	1.3	1.0 U	1.0 U	1.0 U	10 UJ	20 UJ	10 UJ	10 UJ	53 J	
9/19/00	701	Allied	1.8	3.7	1.0 U	1.0 U	1.0 U	10 UJ	20 UJ	10 UJ	10 UJ	180 J	
9/19/00	701	Allied	19 J	25	10 U	10 U	10 U	100 UJ	200 UJ	100 UJ	100 UJ	530 J	
9/19/00	701	Allied	12 J	21	10 U	10 U	10 U	10 UJ	20 UJ	10 UJ	10 UJ	580 J	

Table I-15A. (cont.)

Date	Station	Source	Aroclor-1254 µg/kg-ww	Aroclor-1260 µg/kg-ww	Aroclor-1268 µg/kg-ww	beta-BHC µg/kg-ww	Chlordane (Sum) µg/kg-ww	cis-Chlordane µg/kg-ww	Cis-nonachlor µg/kg-ww	DDT and metabolites (Sum) µg/kg-ww	delta-BHC µg/kg-ww	Dieldrin µg/kg-ww	Endosulfan I µg/kg-ww
6/14/00	220	NYSDEC				5.0 U		5.0 U	5.0 U		5.0 U	5.0 U	5.0 U
6/14/00	220	NYSDEC				5.0 U		5.0 U	5.0 U		5.0 U	5.0 U	5.0 U
6/19/00	220	NYSDEC				5.0 U		5.0 U	5.0 U		5.0 U	5.0 U	5.0 U
6/19/00	220	NYSDEC				5.0 U		5.0 U	5.0 U		5.0 U	5.0 U	5.0 U
6/19/00	220	NYSDEC				5.0 U		5.0 U	5.0 U		5.0 U	5.0 U	5.0 U
6/19/00	220	NYSDEC				5.0 U		5.0 U	5.0 U		5.0 U	5.0 U	5.0 U
6/19/00	220	NYSDEC				5.0 U		5.0 U	5.0 U		5.0 U	5.0 U	5.0 U
6/19/00	220	NYSDEC				5.0 U		5.0 U	5.0 U		5.0 U	5.0 U	5.0 U
6/19/00	220	NYSDEC				5.0 U		5.0 U	5.0 U		5.0 U	5.0 U	5.0 U
6/19/00	220	NYSDEC				5.0 U		5.0 U	5.0 U		5.0 U	5.0 U	5.0 U
9/19/00	220	Allied	100 UJ	1,100 J	100 UJ	10 U	10 U			320	10 U	48	10 U
9/19/00	220	Allied	100 UJ	590 J	100 UJ	1.0 U	12			199	1.7 U	23	1.0 U
9/19/00	220	Allied	100 UJ	930 J	100 UJ	10 U	10 U			239	16 U	30	10 U
9/19/00	220	Allied	100 UJ	770 J	100 UJ	1.0 U	6.4			184	2.0 U	27	1.0 U
9/20/00	220	Allied	20 UJ	150 J	20 UJ	3.0 U	2.0 U			25	2.0 U	6.0	2.0 U
9/20/00	220	Allied	20 UJ	140 J	20 UJ	2.0 U	2.0 U			27	2.0 U	6.4	2.0 U
9/20/00	220	Allied	20 UJ	83 J	20 UJ	2.0 U	2.0 U			25	2.0 U	3.9 J	2.0 U
9/20/00	220	Allied	20 UJ	220 J	20 UJ	2.0 U	2.0 U			28	2.0 U	7.0 J	2.0 U
9/20/00	220	Allied	10 UJ	230 J	10 UJ	1.0 U	4.0			63	1.0 U	7.4 J	1.0 U
9/20/00	220	Allied	10 UJ	140 J	10 UJ	1.0 U	11			139	1.0 U	14	1.0 U
9/20/00	220	Allied	10 UJ	330 J	10 UJ	10 U	10 U			142	10 U	13	10 U
9/20/00	220	Allied	100 UJ	660 J	100 UJ	10 U	10 U			209	10 U	53	10 U
9/20/00	220	Allied	100 UJ	220 J	100 UJ	10 U	10 U			224	10 U	18	10 UJ
9/20/00	220	Allied	100 UJ	590 J	100 UJ	10 U	10 U			310	10 U	21	10 U
9/20/00	220	Allied	100 UJ	840 J	100 UJ	10 U	10 U			252	10 U	38	10 U
9/20/00	220	Allied	100 UJ	1,100 J	100 UJ	10 U	10 U			259	10 U	52	10 U
9/20/00	220	Allied	100 UJ	770 J	100 UJ	10 U	10 U			159	10 U	35 J	10 U
9/20/00	220	Allied	10 UJ	140 J	10 UJ	1.0 U	10			139	1.5 U	8.6	1.0 U
9/22/00	220	Allied	10 UJ	140 J	10 UJ	1.0 U	1.0 U			24	1.0 U	5.9	1.0 U
9/22/00	220	Allied	10 UJ	72 J	10 UJ	2.0 U	1.0 U			11	1.0 U	3.7	1.0 U
9/22/00	220	Allied	100 UJ	220 J	100 UJ	10 U	10 U			21	10 U	10 U	10 U
9/22/00	220	Allied	100 UJ	320 J	100 UJ	20 U	20 U			34	20 U	20 U	20 U
9/22/00	220	Allied	100 UJ	1,700 J	100 UJ	10 U	10 U			426	10 U	79 J	10 U
9/22/00	220	Allied	100 UJ	400 J	100 UJ	10 U	10 U			83	17 U	18	10 U
9/22/00	220	Allied	10 UJ	230 J	10 UJ	10 U	10 U			44	12 U	11	10 U
9/22/00	220	Allied	10 UJ	270 J	10 UJ	1.0 U	1.1			108	1.0 U	14	2.0 U
9/22/00	220	Allied	100 UJ	720 J	100 UJ	10 U	10 U			208	10 U	42 J	10 U
9/22/00	220	Allied	100 UJ	930 J	100 UJ	10 U	10 U			376	10 U	31 J	10 U
9/22/00	220	Allied	100 UJ	1,100 J	100 UJ	10 U	10 U			443	10 U	45 J	10 U
9/22/00	220	Allied	10 UJ	1,200 J	10 UJ	10 U	10 U			241	15 U	53 J	10 U
9/22/00	220	Allied	100 UJ	2,300 J	100 UJ	10 U	10 U			499	18 U	100 J	10 U
9/19/00	701	Allied	100 UJ	640 J	100 UJ	10 U	10 U			148	20 U	20	10 U
9/19/00	701	Allied	10 UJ	110 J	10 UJ	1.0 U	1.0 U			18	1.0 U	2.4	1.0 U
9/19/00	701	Allied	100 UJ	770 J	100 UJ	10 U	10 U			216	23 U	26 J	10 U

Table I-15A. (cont.)

Date	Station	Source	Aroclor-1254 µg/kg-ww	Aroclor-1260 µg/kg-ww	Aroclor-1268 µg/kg-ww	beta-BHC µg/kg-ww	Chlordane (Sum) µg/kg-ww	cis-Chlordane µg/kg-ww	Cis-nonachlor µg/kg-ww	DDT and metabolites (Sum) µg/kg-ww	delta-BHC µg/kg-ww	Dieldrin µg/kg-ww	Endosulfan I µg/kg-ww
9/19/00	701	Allied	10 UJ	550 J	10 UJ	10 U	10 U			105	10 U	15 J	10 U
9/19/00	701	Allied	10 UJ	35 J	10 UJ	1.0 U	1.0 U			9.3	1.0 U	1.3	1.0 U
9/19/00	701	Allied	10 UJ	66 J	10 UJ	1.0 U	1.0 U			17	1.0 U	3.7	1.0 U
9/19/00	701	Allied	100 UJ	620 J	100 UJ	10 U	10 U			137	10 U	25	10 U
9/19/00	701	Allied	10 UJ	410 J	10 UJ	10 U	10 U			115	12 U	21	10 U

Table I-15A. (cont.)

Date	Station	Source	Endosulfan II µg/kg-ww	Endosulfan sulfate µg/kg-ww	Endrin aldehyde µg/kg-ww	Endrin ketone µg/kg-ww	Endrin µg/kg-ww	gamma-BHC (Lindane) µg/kg-ww	gamma-Chlordane µg/kg-ww	epoxide and Heptachlor (Sum) µg/kg-ww	Heptachlor epoxide µg/kg-ww
6/14/00	220	NYSDEC		5.0 U	5.0 U		5.0 U	5.0 U			5.0 U
6/14/00	220	NYSDEC		5.0 U	5.0 U		5.0 U	5.0 U			5.0 U
6/19/00	220	NYSDEC		5.0 U	5.0 U		5.0 U	5.0 U			7.0
6/19/00	220	NYSDEC		5.0 U	5.0 U		5.0 U	5.0 U			5.0 U
6/19/00	220	NYSDEC		5.0 U	5.0 U		5.0 U	5.0 U			5.0 U
6/19/00	220	NYSDEC		5.0 U	5.0 U		5.0 U	5.0 U			5.0 U
6/19/00	220	NYSDEC		5.0 U	5.0 U		5.0 U	5.0 U			5.0 U
6/19/00	220	NYSDEC		5.0 U	5.0 U		5.0 U	5.0 U			5.0 U
6/19/00	220	NYSDEC		5.0 U	5.0 U		5.0 U	5.0 U			5.0 U
9/19/00	220	Allied	200 U	13 U	10 U	10 U	24 J	10 U	10 U	10 U	21 U
9/19/00	220	Allied	86 U	8.0 U	2.5 U	2.0 U	13 J	1.1	4.8 J	1.0 U	9.0 U
9/19/00	220	Allied	170 U	13 U	10 U	10 U	33 J	10 U	10 U	10 U	22 U
9/19/00	220	Allied	10 U	5.5 U	11 U	3.0 U	16 J	1.7	2.4 J	1.0 U	9.5 U
9/20/00	220	Allied	3.0 U	2.0 U	2.0 U	2.0 U	3.4 J	2.0 U	2.0 U	2.0 U	7.5 U
9/20/00	220	Allied	2.0 U	2.8	4.9	2.5	4.5 J	2.0 U	5.0 U	2.0 U	13 U
9/20/00	220	Allied	2.0 U	2.0 U	2.7 U	2.0 U	2.6 J	2.0 U	3.5 U	2.0 U	8.5 U
9/20/00	220	Allied	2.0 U	2.5 U	2.0 U	2.5 U	5.5 J	2.0 U	4.5 U	2.0 U	3.0 U
9/20/00	220	Allied	10 U	3.5 U	1.0 U	1.0 U	7.2 J	1.0 U	1.4 J	1.0 U	6.0 U
9/20/00	220	Allied	10 U	3.0 U	5.0 U	2.0 U	6.5	1.5	4.4	1.0 U	15 U
9/20/00	220	Allied	10 U	10 U	25 U	10 U	10 J	10 U	10 U	10 U	20 U
9/20/00	220	Allied	10 U	10 U	10 U	10 U	31 J	10 U	10 U	10 U	22 U
9/20/00	220	Allied	10 U	10 U	13 U	10 U	12 J	10 U	10 U	10 U	10 U
9/20/00	220	Allied	10 U	15 U	35 U	10 U	24 J	10 U	19 U	10 U	10 U
9/20/00	220	Allied	10 U	13 U	10 U	10 U	19 J	10 U	10 U	10 U	15 U
9/20/00	220	Allied	150 U	13 U	12 U	10 U	36 J	10 U	10 U	10 U	23 U
9/20/00	220	Allied	10 U	10 U	10 U	10 U	20 J	10 U	10 U	10 U	17 U
9/20/00	220	Allied	1.0 U	3.5 U	8.5 U	2.0 U	5.4 J	1.2	5.0 J	1.0 U	3.5 U
9/22/00	220	Allied	1.0 U	2.0 U	1.5 U	1.5 U	3.6	1.0 U	1.0 U	1.0 U	9.0 U
9/22/00	220	Allied	1.0 U	1.0 U	1.0 U	1.0 U	1.6	1.0 U	1.0 U	1.0 U	4.0 U
9/22/00	220	Allied	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
9/22/00	220	Allied	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
9/22/00	220	Allied	270 U	21 U	10 U	10 U	35 J	10 U	10 U	10 U	27 U
9/22/00	220	Allied	68 U	10 U	10 U	10 U	17 J	10 U	10 U	10 U	11 U
9/22/00	220	Allied	41 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
9/22/00	220	Allied	10 U	4.0 U	1.0 U	1.0 U	6.2 J	1.0 U	1.1 J	1.0 U	20 U
9/22/00	220	Allied	10 U	10 U	10 U	10 U	21 J	10 U	10 U	10 U	10 U
9/22/00	220	Allied	10 U	15 U	32 U	10 U	20 J	10 U	10 U	10 U	50 U
9/22/00	220	Allied	10 U	20 U	10 U	10 U	42 J	10 U	10 U	10 U	27 U
9/22/00	220	Allied	170 U	10 U	10 U	10 U	25 J	10 U	10 U	10 U	18 U
9/22/00	220	Allied	360 U	18 U	10 U	10 U	46 J	10 U	10 U	10 U	31 U
9/19/00	701	Allied	100 U	10 U	10 U	10 U	16 J	10 U	10 U	10 U	12 U
9/19/00	701	Allied	1.0 U	1.5 U	1.7 U	1.0 U	1.7 J	1.0 U	1.0 U	1.0 U	1.0 U
9/19/00	701	Allied	140 U	12 U	10 U	10 U	24 J	10 U	10 U	10 U	16 U

Table I-15A. (cont.)

Date	Station	Source	Endosulfan II µg/kg-ww	Endosulfan sulfate µg/kg-ww	Endrin aldehyde µg/kg-ww	Endrin ketone µg/kg-ww	Endrin µg/kg-ww	gamma-BHC (Lindane) µg/kg-ww	gamma-Chlordane µg/kg-ww	Heptachlor epoxide and Heptachlor µg/kg-ww	Heptachlor epoxide µg/kg-ww
9/19/00	701	Allied	82 U	10 U	10 U	10 U	11 J	10 U	10 U	10 U	18 U
9/19/00	701	Allied	1.0 U	1.0 U	1.0 U	1.0 U	1.3	1.0 U	1.0 U	1.0 U	1.0 U
9/19/00	701	Allied	1.0 UJ	1.0 U	3.0 U	1.0 U	2.7 J	1.0 U	1.0 U	1.0 U	2.0 U
9/19/00	701	Allied	10 U	10 U	10 U	10 U	21 J	10 U	10 U	10 U	10 U
9/19/00	701	Allied	70 U	10 U	10 U	10 U	13 J	10 U	10 U	10 U	10 U

Table I-15A. (cont.)

Date	Station	Source	Heptachlor µg/kg-ww	Hexachloro-cyclohexane (Sum) µg/kg-ww	Methoxychlor µg/kg-ww	Mirex µg/kg-ww	Ortho-para DDD µg/kg-ww	Ortho-para DDE µg/kg-ww	Ortho-para DDT(ug/kg-ww) µg/kg-ww	Oxychlordane µg/kg-ww	PCBs (Sum) µg/kg-ww	Photomirex ug/kg-ww
6/14/00	220	NYSDEC	5.0 U			2.0 U	5.0 U	5.0 U	5.0 U	5.0 U		5.0 U
6/14/00	220	NYSDEC	5.0 U			2.0 U	5.0 U	5.0 U	5.0 U	5.0 U		5.0 U
6/19/00	220	NYSDEC	5.0 U			2.0 U	5.0 U	5.0 U	5.0 U	5.0		5.0 U
6/19/00	220	NYSDEC	5.0 U			2.0 U	5.0 U	5.0 U	5.0 U	5.0 U		5.0 U
6/19/00	220	NYSDEC	5.0 U			2.0 U	5.0 U	5.0 U	5.0 U	5.0 U		5.0 U
6/19/00	220	NYSDEC	5.0 U			2.0 U	5.0 U	5.0 U	5.0 U	10		5.0 U
6/19/00	220	NYSDEC	5.0 U			2.0 U	5.0 U	5.0 U	5.0 U	5.0 U		5.0 U
6/19/00	220	NYSDEC	5.0 U			2.0 U	5.0 U	5.0 U	5.0 U	5.0 U		5.0 U
6/19/00	220	NYSDEC	5.0 U			2.0 U	5.0 U	5.0 U	5.0 U	5.0		5.0 U
6/19/00	220	NYSDEC	5.0 U			2.0 U	5.0 U	5.0 U	5.0 U	5.0 U		5.0 U
9/19/00	220	Allied	10 U	10 U	10 U						2,600	
9/19/00	220	Allied	1.0 U	1.1	7.5 U						1,890	
9/19/00	220	Allied	10 U	10 U	13 U						2,430	
9/19/00	220	Allied	1.0 U	1.7	14 U						2,170	
9/20/00	220	Allied	2.0 U	2.0 U	2.0 U						300	
9/20/00	220	Allied	2.0 U	2.0 U	2.0 U						470	
9/20/00	220	Allied	2.0 U	2.0 U	2.0 U						313	
9/20/00	220	Allied	2.0 U	2.0 U	2.0 U						650	
9/20/00	220	Allied	1.0 U	1.0 U	1.0 U						800	
9/20/00	220	Allied	1.0 U	1.5	10 U						580	
9/20/00	220	Allied	10 U	10 U	10 U						970	
9/20/00	220	Allied	10 U	10 U	10 U						2,360	
9/20/00	220	Allied	10 UJ	10 U	10 U						920	
9/20/00	220	Allied	10 U	10 U	10 U						1,790	
9/20/00	220	Allied	10 U	10 U	10 U						2,040	
9/20/00	220	Allied	10 U	10 U	10 U						2,800	
9/20/00	220	Allied	10 U	10 U	10 U						2,070	
9/20/00	220	Allied	1.0 U	1.2	3.5 U						500	
9/22/00	220	Allied	1.0 U	1.0 U	1.0 U						350	
9/22/00	220	Allied	1.0 U	1.0 U	1.0 U						133	
9/22/00	220	Allied	10 U	10 U	10 U						380	
9/22/00	220	Allied	20 U	20 U	20 U						790	
9/22/00	220	Allied	10 U	10 U	10 U						3,400	
9/22/00	220	Allied	10 U	10 U	10 U						1,400	
9/22/00	220	Allied	10 U	10 U	10 U						590	
9/22/00	220	Allied	1.0 U	1.0 U	1.0 U						540	
9/22/00	220	Allied	10 U	10 U	10 U						1,820	
9/22/00	220	Allied	10 U	10 U	10 U						1,810	
9/22/00	220	Allied	10 U	10 U	10 U						2,700	
9/22/00	220	Allied	10 U	10 U	10 U						2,180	
9/22/00	220	Allied	10 U	10 U	10 U						3,400	
9/19/00	701	Allied	10 U	10 U	10 U						1,840	
9/19/00	701	Allied	1.0 U	1.0 U	1.0 U						179	
9/19/00	701	Allied	10 U	10 U	10 U						2,370	

Table I-15A. (cont.)

Date	Station	Source	Heptachlor µg/kg-ww	Hexachloro-cyclohexane (Sum) µg/kg-ww	Methoxychlor µg/kg-ww	Mirex µg/kg-ww	Ortho-para DDD µg/kg-ww	Ortho-para DDE µg/kg-ww	Ortho-para DDT(ug/kg-ww) µg/kg-ww	Oxychlordane µg/kg-ww	PCBs (Sum) µg/kg-ww	Photomirex ug/kg-ww
9/19/00	701	Allied	10 U	10 U	10 UJ						880	
9/19/00	701	Allied	1.0 U	1.0 U	1.0 U						88	
9/19/00	701	Allied	1.0 U	1.0 U	1.0 U						246	
9/19/00	701	Allied	10 U	10 U	10 U						1,150	
9/19/00	701	Allied	10 U	10 U	10 U						990	

Table I-15A. (cont.)

Date	Station	Source	Sum PCB (µg/kg-wwt) µg/kg-ww	Total Chlordane µg/kg-ww	Toxaphene µg/kg-ww	trans-Chlordane µg/kg-ww	Transnonachlor µg/kg-ww
6/14/00	220	NYSDEC	111	2.5 U		5.0 U	5.0 U
6/14/00	220	NYSDEC	285	2.5 U		5.0 U	5.0 U
6/19/00	220	NYSDEC	417	7.5 U		5.0 U	5.0 U
6/19/00	220	NYSDEC	110	2.5 U		5.0 U	5.0 U
6/19/00	220	NYSDEC	134	2.5 U		5.0 U	5.0 U
6/19/00	220	NYSDEC	776	18 U		5.0 U	5.0
6/19/00	220	NYSDEC	296	2.5 U		5.0 U	5.0 U
6/19/00	220	NYSDEC	312	2.5 U		5.0 U	5.0 U
6/19/00	220	NYSDEC	391	7.5 U		5.0 U	5.0 U
6/19/00	220	NYSDEC	329	2.5 U		5.0 U	5.0 U
9/19/00	220	Allied			2,000 U		
9/19/00	220	Allied			1,000 U		
9/19/00	220	Allied			1,000 U		
9/19/00	220	Allied			1,000 U		
9/20/00	220	Allied			200 U		
9/20/00	220	Allied			200 U		
9/20/00	220	Allied			200 U		
9/20/00	220	Allied			200 U		
9/20/00	220	Allied			500 U		
9/20/00	220	Allied			500 U		
9/20/00	220	Allied			500 U		
9/20/00	220	Allied			1,000 U		
9/20/00	220	Allied			1,000 U		
9/20/00	220	Allied			1,000 U		
9/20/00	220	Allied			2,000 U		
9/20/00	220	Allied			2,000 U		
9/20/00	220	Allied			2,000 U		
9/20/00	220	Allied			500 U		
9/22/00	220	Allied			500 U		
9/22/00	220	Allied			50 U		
9/22/00	220	Allied			1,000 U		
9/22/00	220	Allied			2,000 U		
9/22/00	220	Allied			2,000 U		
9/22/00	220	Allied			500 U		
9/22/00	220	Allied			1,000 U		
9/22/00	220	Allied			1,000 U		
9/22/00	220	Allied			2,000 U		
9/22/00	220	Allied			1,000 U		
9/22/00	220	Allied			1,000 U		
9/22/00	220	Allied			2,000 U		
9/22/00	220	Allied			2,000 U		
9/19/00	701	Allied			1,000 U		
9/19/00	701	Allied			100 U		
9/19/00	701	Allied			1,000 U		

Table I-15A. (cont.)

Date	Station	Source	Sum PCB (µg/kg-wwt) µg/kg-ww	Total Chlordane µg/kg-ww	Toxaphene µg/kg-ww	trans-Chlordane µg/kg-ww	Transnonachlor µg/kg-ww
9/19/00	701	Allied			1,000 U		
9/19/00	701	Allied			300 U		
9/19/00	701	Allied			200 U		
9/19/00	701	Allied			1,000 U		
9/19/00	701	Allied			1,000 U		

Table I-15B. 2000 Adult Fish from Onondaga Lake, Metals

Date	Station	Source	Species	Sample	Length mm	Weight g	Sex	Age yrs	Aluminum mg/kg-ww	Antimony mg/kg-ww	Arsenic mg/kg-ww	Barium mg/kg-ww	Beryllium mg/kg-ww	Cadmium mg/kg-ww	Calcium mg/kg-ww	Chromium mg/kg-ww
9/19/00	220	Allied	CP	Whole Body	6860	4937	F	9	115 J	5.0E-02 U	0.5 U	2.1	2.0E-02 U	0.2	23,100	4.8
9/19/00	220	Allied	CP	Whole Body	6420	4200	F	7	33 J	5.0E-02 U	0.7	6.7	2.0E-02 U	0.2	32,800	2.3
9/19/00	220	Allied	SMB	Whole Body	4480	1192	M	8	5.0 U	2.0E-02 U	1.6	1.4	2.0E-02 U	5.0E-02 U	34,900	1.0 U
9/19/00	220	Allied	SMB	Whole Body	4600	1589	F	8	14 J	5.0E-02 U	1.1	1.3	2.0E-02 U	5.0E-02 U	28,900	1.0 U
9/20/00	220	Allied	BLUE	Whole Body	1590	79	M	3	22	2.0E-02 U	0.6	4.2	2.0E-02	7.0E-02	58,500	3.0
9/20/00	220	Allied	BLUE	Whole Body	1580	99	F	3	38	2.0E-02 U	0.7	3.7	2.0E-02 U	5.0E-02 U	34,900	3.5
9/20/00	220	Allied	BLUE	Whole Body	1580	78	M	2	38	2.0E-02 U	0.5 U	3.1	2.0E-02 U	5.0E-02 U	39,300	14
9/20/00	220	Allied	BLUE	Whole Body	1400	53	F	2	5.2	2.0E-02 U	0.5 U	4.5	2.0E-02 U	5.0E-02 U	50,900	3.3
9/20/00	220	Allied	BLUE	Whole Body	1150	26	F	1	4.9 U	2.0E-02 U	0.5 U	4.0	2.0E-02 U	5.0E-02 U	46,300	1.0 U
9/20/00	220	Allied	CP	Fillet	5630	763	M	7	5.5	5.0E-02 U	0.5 U	0.1	2.0E-02 U	5.0E-02 U	1,380 J	1.0 U
9/20/00	220	Allied	CP	Fillet	6030	941	F	8	4.9 U	5.0E-02 U	1.0	0.2	3.0E-02	5.0E-02 U	1,300 J	1.0 U
9/20/00	220	Allied	CP	Fillet	5750	858	F	7	5.9	5.0E-02 U	1.1	0.1	2.0E-02	5.0E-02 U	880 J	1.0 U
9/20/00	220	Allied	CP	Remainder	5630	1171	M	7	7.0 J	5.0E-02 U	0.5	3.1	2.0E-02 U	5.0E-02 U	45,200 J	1.0 U
9/20/00	220	Allied	CP	Remainder	6030	1422	F	8	8.3	5.0E-02 U	1.1	3.9	3.5E-02	5.0E-02 U	39,500 J	1.0 U
9/20/00	220	Allied	CP	Remainder	5750	1156	F	7	7.8 J	5.0E-02 U	1.0	3.9	2.0E-02 U	5.0E-02 U	42,400 J	1.0 U
9/20/00	220	Allied	CP	Whole Body	7120	6470	F	12	4.9 U	5.0E-02 U	1.3	0.8	2.0E-02 U	0.3	15,300	1.2
9/20/00	220	Allied	CP	Whole Body	5900	3405	M	8	5.5 J	5.0E-02 U	0.8	4.9	2.0E-02 U	0.2	22,000	1.0 U
9/20/00	220	Allied	CP	Whole Body	6300	4029	F	8	11 J	5.0E-02 U	0.5 U	3.1	2.0E-02 U	0.1	32,100	3.0
9/20/00	220	Allied	CP	Whole Body	5870	3206	F	8	13 J	5.0E-02 U	2.0	3.0	2.0E-02 U	0.1	13,500	1.7
9/22/00	220	Allied	BLUE	Fillet	1890	67	M	3	4.9 U	5.0E-02 U	0.5 U	0.8	2.0E-02 U	5.0E-02 U	16,500 J	1.0 U
9/22/00	220	Allied	BLUE	Fillet	1760	43	M	4	4.8 U	5.0E-02 U	0.5 U	0.7	2.0E-02 U	5.0E-02 U	24,400 J	1.0 U
9/22/00	220	Allied	BLUE	Remainder	1760	46	M	4	5.2 J	5.0E-02 U	0.5 U	2.7	2.0E-02 U	5.0E-02 U	90,400 J	6.2
9/22/00	220	Allied	BLUE	Remainder	1890	48	M	3	6.2 J	5.0E-02 U	0.5 U	4.2	2.0E-02 U	5.0E-02 U	84,100 J	3.6
9/22/00	220	Allied	CATF	Whole Body	5050	1305	F	16	19	2.0E-02 U	0.5 U	4.4	2.0E-02	7.0E-02	25,800	1.3
9/22/00	220	Allied	SMB	Whole Body	3560	601	F	5	25	2.0E-02 U	1.8	0.7	2.0E-02 U	5.0E-02 U	31,700	1.0 U
9/22/00	220	Allied	SMB	Whole Body	3160	396.893	M	6	21	2.0E-02 U	1.4	1.9	2.0E-02 U	5.0E-02 U	41,300	1.0 U
9/22/00	220	Allied	CATF	Fillet	5350	398	M	12	5.3	5.0E-02 U	0.5 U	0.0	2.0E-02 U	5.0E-02 U	389 J	1.0 U
9/22/00	220	Allied	CATF	Fillet	5020	391	F	9	4.9 U	5.0E-02 U	0.5 U	0.1	2.0E-02	5.0E-02 U	1,060 J	1.0 U
9/22/00	220	Allied	CATF	Remainder	5350	813	M	12	5.5 J	5.0E-02 U	0.5 U	2.2	2.0E-02 U	5.0E-02 U	51,200 J	1.0 U
9/22/00	220	Allied	CATF	Remainder	5020	599	F	9	7.9	5.0E-02 U	0.5 U	1.3	2.0E-02	5.0E-02 U	36,900 J	1.0 U
9/22/00	220	Allied	CATF	Whole Body	5120	1561	M	12	34	2.0E-02 U	0.5 U	4.9	2.0E-02	6.0E-02	38,200	1.0 U
9/22/00	220	Allied	CATF	Whole Body	5040	1362	M	14	19	2.0E-02 U	0.5 U	2.6	3.0E-02	0.1	30,400	1.3
9/19/00	701	Allied	CP	Fillet	5870	647	M	7	4.9 U	2.0E-02 U	0.5 U	0.3	2.0E-02	5.0E-02 U	2,620	1.0 U
9/19/00	701	Allied	CP	Fillet	5900	733	M	10	9.4	2.0E-02 U	0.5 U	0.2	3.0E-02 J	0.5	2,360	1.0 U
9/19/00	701	Allied	CP	Remainder	5870	1260	M	7	9.3	2.0E-02 U	0.5 U	3.5	3.0E-02 J	5.0E-02 U	55,000	1.0 U
9/19/00	701	Allied	CP	Remainder	5900	1141	M	10	20	2.0E-02 U	0.5 U	3.8	2.5E-02 J	0.9	87,000	1.0 U
9/19/00	701	Allied	SMB	Fillet	3110	158	M	5	13	5.0E-02 U	0.9	0.1	2.0E-02 U	5.0E-02 U	2,330 J	1.0 U
9/19/00	701	Allied	SMB	Fillet	2970	200	M	5	11	2.0E-02 U	1.1	0.2	2.0E-02 U	5.0E-02 U	4,250	1.0 U
9/19/00	701	Allied	SMB	Remainder	3110	177	M	5	15	5.0E-02 U	1.0	1.1	2.0E-02 U	5.0E-02 U	49,900 J	1.0 U
9/19/00	701	Allied	SMB	Remainder	2970	170	M	5	15	2.0E-02 U	1.1	1.5	3.0E-02 J	5.0E-02 U	59,500	1.0 U

Table I-15B. (cont.)

Date	Station	Source	Species	Sample	Length mm	Weight g	Sex	Age yrs	Cobalt mg/kg-ww	Copper mg/kg-ww	Cyanide mg/kg-ww	Iron mg/kg-ww	Lead mg/kg-ww	Magnesium mg/kg-ww	Manganese mg/kg-ww	Mercury µg/kg-ww
9/19/00	220	Allied	CP	Whole Body	6860	4937	F	9	0.4	2.9	0.4 U	225 J	0.5	1,190	5.1	332
9/19/00	220	Allied	CP	Whole Body	6420	4200	F	7	0.3	3.6	0.4 U	126 J	0.4	1,020	17	244
9/19/00	220	Allied	SMB	Whole Body	4480	1192	M	8	0.3	1.5	0.5 U	59	4.0E-02	1,360	1.7	1,020
9/19/00	220	Allied	SMB	Whole Body	4600	1589	F	8	0.3	1.5	0.4 U	62 J	4.0E-02	1,220	1.9	1,050
9/20/00	220	Allied	BLUE	Whole Body	1590	79	M	3	0.4	16	0.5 U	69	0.6	1,960	13	542
9/20/00	220	Allied	BLUE	Whole Body	1580	99	F	3	0.3	19	0.8 U	67	0.2	1,500	9.6	321
9/20/00	220	Allied	BLUE	Whole Body	1580	78	M	2	0.3	12	0.5 U	126	0.4	1,540	9.8	186
9/20/00	220	Allied	BLUE	Whole Body	1400	53	F	2	0.4	5.4	0.5 U	71	0.3	1,690	7.5	183
9/20/00	220	Allied	BLUE	Whole Body	1150	26	F	1	0.2	1.5	0.5 U	31	8.0E-02	1,670	4.6	182
9/20/00	220	Allied	CP	Fillet	5630	763	M	7	0.0	3.1	0.4 U	44	2.0E-02	992	0.6	428
9/20/00	220	Allied	CP	Fillet	6030	941	F	8	0.0 U	3.0	1.7	20	2.0E-02 U	738	0.8	381
9/20/00	220	Allied	CP	Fillet	5750	858	F	7	0.0 U	2.3	0.4 U	26	3.0E-02	862	0.5	461
9/20/00	220	Allied	CP	Remainder	5630	1171	M	7	0.2	2.0	0.5 U	46	0.3	1,340	5.2	287
9/20/00	220	Allied	CP	Remainder	6030	1422	F	8	0.5	2.6	0.5 U	25	0.2	1,100	11	217
9/20/00	220	Allied	CP	Remainder	5750	1156	F	7	0.2	2.1	0.5 U	35	0.4	1,160	8.4	223
9/20/00	220	Allied	CP	Whole Body	7120	6470	F	12	0.3	2.3	0.4 U	71 J	0.2	876	2.9	434
9/20/00	220	Allied	CP	Whole Body	5900	3405	M	8	0.3	3.1	0.4 U	72 J	0.3	906	3.5	361
9/20/00	220	Allied	CP	Whole Body	6300	4029	F	8	0.5	3.2	0.4 U	115 J	0.5	1,190	5.4	309
9/20/00	220	Allied	CP	Whole Body	5870	3206	F	8	0.4	4.1	0.4 U	102 J	0.2	863	4.2	175
9/22/00	220	Allied	BLUE	Fillet	1890	67	M	3	0.1	1.3	0.9 U	11	5.0E-02	1,430	1.9	439
9/22/00	220	Allied	BLUE	Fillet	1760	43	M	4	0.2	1.3	14	18	8.0E-02	1,610	5.5	230
9/22/00	220	Allied	BLUE	Remainder	1760	46	M	4	0.6	1.3	0.8 U	62	0.2	2,250	21	129
9/22/00	220	Allied	BLUE	Remainder	1890	48	M	3	0.5	2.0	0.8 U	39	0.2	1,880	8.9	281
9/22/00	220	Allied	CATF	Whole Body	5050	1305	F	16	0.6	2.2	0.5 U	116	0.4	1,050	5.2	936
9/22/00	220	Allied	SMB	Whole Body	3560	601	F	5	0.1	3.1	0.5 U	43	7.0E-02	1,200	1.6	455
9/22/00	220	Allied	SMB	Whole Body	3160	396.893	M	6	0.2	3.7	0.5 U	67	0.1	1,630	3.7	486
9/22/00	220	Allied	CATF	Fillet	5350	398	M	12	0.0 U	3.1	0.4 U	14	2.0E-02	1,030	0.4	661
9/22/00	220	Allied	CATF	Fillet	5020	391	F	9	0.1	2.0	0.4 U	15	7.0E-02	989	0.5	541
9/22/00	220	Allied	CATF	Remainder	5350	813	M	12	0.3	2.1	0.5 U	32	0.4	1,400	45	347
9/22/00	220	Allied	CATF	Remainder	5020	599	F	9	0.3	1.9	0.5 U	23	0.3	1,040	5.3	312
9/22/00	220	Allied	CATF	Whole Body	5120	1561	M	12	0.3	3.1	0.5 U	78	0.5	1,290	9.9	350
9/22/00	220	Allied	CATF	Whole Body	5040	1362	M	14	0.6	2.1	0.5 U	91	0.7	1,140	7.3	395
9/19/00	701	Allied	CP	Fillet	5870	647	M	7	0.0	2.7	0.5 U	49	4.0E-02	814	0.7	467
9/19/00	701	Allied	CP	Fillet	5900	733	M	10	0.1	5.0	0.5 U	75	0.1	1,040	1.1	904
9/19/00	701	Allied	CP	Remainder	5870	1260	M	7	0.2	2.2	0.5 U	50	0.4	1,520	6.6	391
9/19/00	701	Allied	CP	Remainder	5900	1141	M	10	0.4	5.4	0.5 U	88	1.9	2,000	13	734
9/19/00	701	Allied	SMB	Fillet	3110	158	M	5	0.0	10	0.9 U	10	2.0E-02	1,380	0.5	773
9/19/00	701	Allied	SMB	Fillet	2970	200	M	5	0.0	4.8	0.5 U	15	2.0E-02 U	1,360	0.9	555
9/19/00	701	Allied	SMB	Remainder	3110	177	M	5	0.2	12	0.5 U	38	6.0E-02	1,590	2.4	479
9/19/00	701	Allied	SMB	Remainder	2970	170	M	5	0.2	5.0	0.8 U	40	0.1	1,780	6.9	379

Table I-15B. (cont.)

Date	Station	Source	Species	Sample	Length mm	Weight g	Sex	Age yrs	Nickel mg/kg-ww	Potassium mg/kg-ww	Selenium mg/kg-ww	Silver mg/kg-ww	Sodium mg/kg-ww	Thallium mg/kg-ww	Vanadium mg/kg-ww	Zinc mg/kg-ww
9/19/00	220	Allied	CP	Whole Body	6860	4937	F	9	3.0	10,100	1.5	2.0E-02 U	3,550	2.0E-02 U	1.0	364
9/19/00	220	Allied	CP	Whole Body	6420	4200	F	7	2.1	7,780	1.2	5.0E-02	2,740	2.0E-02 U	0.5	241
9/19/00	220	Allied	SMB	Whole Body	4480	1192	M	8	1.8	10,500	1.0 U	2.0E-02	3,880	2.0E-02 U	0.8	37
9/19/00	220	Allied	SMB	Whole Body	4600	1589	F	8	1.6	11,800	1.0 U	2.0E-02 U	4,500	2.0E-02 U	0.2	48
9/20/00	220	Allied	BLUE	Whole Body	1590	79	M	3	6.5	11,900	1.0 U	2.0E-02 U	5,380	2.0E-02 U	1.0	108
9/20/00	220	Allied	BLUE	Whole Body	1580	99	F	3	7.2	12,100	1.2	2.0E-02 U	4,370	2.0E-02 U	0.8	73
9/20/00	220	Allied	BLUE	Whole Body	1580	78	M	2	14	11,200	1.0 U	2.0E-02 U	4,520	2.0E-02 U	0.9	82
9/20/00	220	Allied	BLUE	Whole Body	1400	53	F	2	5.3	11,700	1.3	2.0E-02 U	4,490	2.0E-02 U	1.2	73
9/20/00	220	Allied	BLUE	Whole Body	1150	26	F	1	2.6	12,300	1.0 U	2.0E-02 U	4,270	2.0E-02 U	0.8	69
9/20/00	220	Allied	CP	Fillet	5630	763	M	7	0.3	14,600	2.2	2.0E-02 U	1,760	2.0E-02 U	0.7	48
9/20/00	220	Allied	CP	Fillet	6030	941	F	8	0.7	9,880	1.1	2.0E-02 U	1,120	2.0E-02 U	0.5	54
9/20/00	220	Allied	CP	Fillet	5750	858	F	7	0.5	12,100	1.7	2.0E-02 U	1,220	2.0E-02 U	0.5	74
9/20/00	220	Allied	CP	Remainder	5630	1171	M	7	2.6	6,810	1.1	2.0E-02 U	3,320	2.0E-02 U	0.7	192
9/20/00	220	Allied	CP	Remainder	6030	1422	F	8	8.2	5,450	1.0 U	2.0E-02 U	2,790	2.0E-02 U	0.7	183
9/20/00	220	Allied	CP	Remainder	5750	1156	F	7	2.5	5,450	1.0 U	2.0E-02 U	2,890	2.0E-02 U	0.4	219
9/20/00	220	Allied	CP	Whole Body	7120	6470	F	12	1.4	7,970	1.0 U	2.0E-02 U	2,510	2.0E-02 U	0.3	247
9/20/00	220	Allied	CP	Whole Body	5900	3405	M	8	1.5	8,380	1.0 U	3.0E-02	2,530	2.0E-02 U	0.6	234
9/20/00	220	Allied	CP	Whole Body	6300	4029	F	8	2.6	11,600	1.0 U	4.0E-02	4,080	2.0E-02 U	0.5	174
9/20/00	220	Allied	CP	Whole Body	5870	3206	F	8	1.5	8,940	1.2	5.0E-02	2,980	2.0E-02 U	0.3	425
9/22/00	220	Allied	BLUE	Fillet	1890	67	M	3	0.9	16,400	1.5	2.0E-02 U	2,980	2.0E-02 U	0.6	35
9/22/00	220	Allied	BLUE	Fillet	1760	43	M	4	1.9	15,600	1.6	2.0E-02 U	2,870	2.0E-02 U	0.5	54
9/22/00	220	Allied	BLUE	Remainder	1760	46	M	4	7.1	8,740	1.0	2.0E-02 U	6,460	2.0E-02 U	0.8	126
9/22/00	220	Allied	BLUE	Remainder	1890	48	M	3	6.1	7,170	1.0	2.0E-02 U	5,670	2.0E-02 U	0.8	85
9/22/00	220	Allied	CATF	Whole Body	5050	1305	F	16	2.0	9,520	1.3	3.0E-02	4,340	2.0E-02 U	1.0	67
9/22/00	220	Allied	SMB	Whole Body	3560	601	F	5	2.3	10,300	1.0 U	2.0E-02 U	3,530	2.0E-02 U	0.7	35
9/22/00	220	Allied	SMB	Whole Body	3160	396.893	M	6	2.5	12,600	1.1	2.0E-02 U	4,890	2.0E-02 U	0.4	56
9/22/00	220	Allied	CATF	Fillet	5350	398	M	12	0.6	17,700	1.2	2.0E-02 U	2,270	2.0E-02 U	0.8	24
9/22/00	220	Allied	CATF	Fillet	5020	391	F	9	0.3	14,200	1.4	2.0E-02 U	2,230	2.0E-02 U	1.0	20
9/22/00	220	Allied	CATF	Remainder	5350	813	M	12	3.2	6,910	1.0 U	2.0E-02 U	4,740	2.0E-02 U	0.7	73
9/22/00	220	Allied	CATF	Remainder	5020	599	F	9	2.6	5,560	1.4	2.0E-02 U	3,570	2.0E-02 U	0.7	58
9/22/00	220	Allied	CATF	Whole Body	5120	1561	M	12	2.6	9,190	1.0 U	2.0E-02	4,260	2.0E-02 U	1.0	74
9/22/00	220	Allied	CATF	Whole Body	5040	1362	M	14	2.0	9,230	1.0 U	5.0E-02	4,590	2.0E-02 U	1.1	54
9/19/00	701	Allied	CP	Fillet	5870	647	M	7	0.4	10,400	1.0 U	2.0E-02 U	1,870	2.0E-02 U	0.7	64
9/19/00	701	Allied	CP	Fillet	5900	733	M	10	0.7	15,300	2.4	3.0E-02	3,210	2.0E-02 U	1.4	46
9/19/00	701	Allied	CP	Remainder	5870	1260	M	7	3.0	6,550	1.0 U	4.0E-02	3,260	2.0E-02 U	1.2	175
9/19/00	701	Allied	CP	Remainder	5900	1141	M	10	5.4	7,320	1.4	2.0E-02 U	6,310	2.0E-02 U	1.7	198
9/19/00	701	Allied	SMB	Fillet	3110	158	M	5	2.9	17,600	1.9	2.0E-02 U	2,880	2.0E-02 U	0.8	26
9/19/00	701	Allied	SMB	Fillet	2970	200	M	5	1.8	17,700	1.4	2.0E-02 U	2,970	2.0E-02 U	0.4	23
9/19/00	701	Allied	SMB	Remainder	3110	177	M	5	5.9	9,590	1.9	2.0E-02 U	5,250	2.0E-02 U	0.8	52
9/19/00	701	Allied	SMB	Remainder	2970	170	M	5	4.1	8,830	1.1	2.0E-02	4,710	2.0E-02 U	1.3	49

Table I-15B. (cont.)

Date	Station	Source	Species	Sample	Length mm	Weight g	Sex	Age yrs	Mercury µg/kg-ww
6/14/00	220	NYSDEC	LMB	Fillet	263	--	--	4	397
6/14/00	220	NYSDEC	LMB	Fillet	336	--	--	4	1,430
6/14/00	220	NYSDEC	LMB	Fillet	291	--	--	3	340
6/14/00	220	NYSDEC	LMB	Fillet	316	--	--	4	907
6/14/00	220	NYSDEC	LMB	Fillet	399	--	--	5	1,350
6/14/00	220	NYSDEC	LMB	Fillet	363	--	--	4	1,170
6/14/00	220	NYSDEC	LMB	Fillet	325	--	--	4	1,180
6/14/00	220	NYSDEC	LMB	Fillet	340	--	--	4	1,070
6/14/00	220	NYSDEC	LMB	Fillet	342	--	--	4	1,060
6/14/00	220	NYSDEC	LMB	Fillet	250	--	--	3	423
6/14/00	220	NYSDEC	LMB	Fillet	330	--	--	4	1,490
6/14/00	220	NYSDEC	LMB	Fillet	359	--	--	4	1,220
6/14/00	220	NYSDEC	LMB	Fillet	362	--	--	4	1,300
6/14/00	220	NYSDEC	LMB	Fillet	391	--	--	5	1,890
6/14/00	220	NYSDEC	LMB	Fillet	279	--	--	4	633
6/14/00	220	NYSDEC	LMB	Fillet	315	--	--	4	712
6/14/00	220	NYSDEC	LMB	Fillet	301	--	--	3	981
6/14/00	220	NYSDEC	LMB	Fillet	302	--	--	4	926
6/14/00	220	NYSDEC	LMB	Fillet	307	--	--	4	719
6/14/00	220	NYSDEC	LMB	Fillet	289	--	--	3	1,130
6/14/00	220	NYSDEC	LMB	Fillet	306	--	--	4	1,030
6/14/00	220	NYSDEC	SMB	Fillet	375	--	--	5	1,060
6/14/00	220	NYSDEC	SMB	Fillet	250	--	--	4	463
6/14/00	220	NYSDEC	SMB	Fillet	286	--	--	5	754
6/14/00	220	NYSDEC	SMB	Fillet	301	--	--	3	664
6/14/00	220	NYSDEC	SMB	Fillet	252	--	--	3	634
6/14/00	220	NYSDEC	SMB	Fillet	286	--	--	3	591
6/14/00	220	NYSDEC	SMB	Fillet	254	--	--	3	451
6/14/00	220	NYSDEC	SMB	Fillet	361	--	--	5	1,000
6/14/00	220	NYSDEC	SMB	Fillet	255	--	--	3	568
6/14/00	220	NYSDEC	SMB	Fillet	312	--	--	4	901
6/14/00	220	NYSDEC	SMB	Fillet	304	--	--	4	682
6/14/00	220	NYSDEC	SMB	Fillet	261	--	--	3	577
6/14/00	220	NYSDEC	SMB	Fillet	250	--	--	3	483
6/14/00	220	NYSDEC	SMB	Fillet	324	--	--	5	953
6/14/00	220	NYSDEC	SMB	Fillet	261	--	--	3	552
6/14/00	220	NYSDEC	SMB	Fillet	297	--	--	3	680
6/14/00	220	NYSDEC	SMB	Fillet	262	--	--	3	432
6/14/00	220	NYSDEC	SMB	Fillet	351	--	--	5	1,010
6/14/00	220	NYSDEC	SMB	Fillet	276	--	--	3	708
6/14/00	220	NYSDEC	SMB	Fillet	251	--	--	3	520
6/14/00	220	NYSDEC	SMB	Fillet	286	--	--	3	517
6/14/00	220	NYSDEC	SMB	Fillet	346	--	--	4	1,140
6/14/00	220	NYSDEC	SMB	Fillet	276	--	--	3	541

Table I-15B. (cont.)

Date	Station	Source	Species	Sample	Length mm	Weight g	Sex	Age yrs	Mercury µg/kg-ww
6/14/00	220	NYSDEC	SMB	Fillet	253	--	--	3	505
6/19/00	220	NYSDEC	LMB	Fillet	400	--	--	5	1,420
6/19/00	220	NYSDEC	LMB	Fillet	336	--	--	5	1,260
6/19/00	220	NYSDEC	LMB	Fillet	360	--	--	4	1,210
6/19/00	220	NYSDEC	LMB	Fillet	356	--	--	4	1,000
6/19/00	220	NYSDEC	LMB	Fillet	356	--	--	4	1,370
6/19/00	220	NYSDEC	LMB	Fillet	311	--	--	4	693
6/19/00	220	NYSDEC	LMB	Fillet	298	--	--	3	680
6/19/00	220	NYSDEC	LMB	Fillet	305	--	--	3	725
6/19/00	220	NYSDEC	LMB	Fillet	346	--	--	4	1,230
6/19/00	220	NYSDEC	LMB	Fillet	359	--	--	4	1,500
6/19/00	220	NYSDEC	LMB	Fillet	315	--	--	4	713
6/19/00	220	NYSDEC	LMB	Fillet	274	--	--	4	494
6/19/00	220	NYSDEC	LMB	Fillet	329	--	--	4	1,180
6/19/00	220	NYSDEC	LMB	Fillet	326	--	--	4	739
6/19/00	220	NYSDEC	LMB	Fillet	360	--	--	4	1,140
6/19/00	220	NYSDEC	LMB	Fillet	350	--	--	4	1,020
6/19/00	220	NYSDEC	LMB	Fillet	360	--	--	4	812
6/19/00	220	NYSDEC	LMB	Fillet	396	--	--	5	934
6/19/00	220	NYSDEC	LMB	Fillet	380	--	--	5	1,100
6/19/00	220	NYSDEC	LMB	Fillet	335	--	--	4	927
6/19/00	220	NYSDEC	LMB	Fillet	382	--	--	5	1,020
6/19/00	220	NYSDEC	LMB	Fillet	340	--	--	4	915
6/19/00	220	NYSDEC	LMB	Fillet	400	--	--	5	1,280
6/19/00	220	NYSDEC	LMB	Fillet	356	--	--	4	1,020
6/19/00	220	NYSDEC	LMB	Fillet	253	--	--	4	411
6/19/00	220	NYSDEC	LMB	Fillet	364	--	--	5	908
6/19/00	220	NYSDEC	LMB	Fillet	320	--	--	4	902
6/19/00	220	NYSDEC	LMB	Fillet	414	--	--	5	1,440
6/19/00	220	NYSDEC	LMB	Fillet	285	--	--	4	296
6/19/00	220	NYSDEC	SMB	Fillet	399	--	--	8	1,480
6/19/00	220	NYSDEC	SMB	Fillet	256	--	--	3	408
6/19/00	220	NYSDEC	SMB	Fillet	305	--	--	4	829
6/19/00	220	NYSDEC	SMB	Fillet	372	--	--	5	972
6/19/00	220	NYSDEC	SMB	Fillet	250	--	--	4	524
6/19/00	220	NYSDEC	SMB	Fillet	368	--	--	5	989
6/19/00	220	NYSDEC	SMB	Fillet	360	--	--	5	1,110
6/19/00	220	NYSDEC	SMB	Fillet	348	--	--	5	772
6/19/00	220	NYSDEC	SMB	Fillet	328	--	--	4	577

Table I-15B. (cont.)

Date	Station	Source	Species	Sample	Length mm	Weight g	Sex	Age yrs	Mercury µg/kg-ww
6/19/00	220	NYSDEC	SMB	Fillet	318	--	--	6	884
6/19/00	220	NYSDEC	SMB	Fillet	277	--	--	3	496
6/19/00	220	NYSDEC	SMB	Fillet	251	--	--	3	628
6/19/00	220	NYSDEC	SMB	Fillet	404	--	--	5	1,530
6/19/00	220	NYSDEC	SMB	Fillet	293	--	--	4	599
6/19/00	220	NYSDEC	SMB	Fillet	258	--	--	3	439
6/19/00	220	NYSDEC	SMB	Fillet	240	--	--	3	517
6/19/00	220	NYSDEC	SMB	Fillet	328	--	--	5	621
6/19/00	220	NYSDEC	SMB	Fillet	376	--	--	6	1,120
6/19/00	220	NYSDEC	SMB	Fillet	374	--	--	5	1,050
6/19/00	220	NYSDEC	SMB	Fillet	305	--	--	4	846
6/19/00	220	NYSDEC	SMB	Fillet	379	--	--	5	1,260
6/19/00	220	NYSDEC	SMB	Fillet	360.7	--	--	6	1,120

Table I-15C. 2000 Adult Fish from Onondaga Lake, Dioxins/Furans

Date	Station	Source	Species	Sample	Length (mm)	Weight (g)	Sex	Age yrs	1,2,3,4,6,7,8-Hepta-chloro-dibenzodioxin ng/kg-ww	1,2,3,4,6,7,8-Hepta-chloro-dibenzofuran ng/kg-ww	1,2,3,4,7,8,9-Heptachlorodi benzofuran ng/kg-ww	1,2,3,4,7,8-Hexachlorodib enzodioxin ng/kg-ww	1,2,3,4,7,8-Hexachlorodib enzofuran ng/kg-ww	1,2,3,6,7,8-Hexachlorodib enzodioxin ng/kg-ww	1,2,3,6,7,8-Hexachlorodib enzofuran ng/kg-ww	1,2,3,7,8,9-Hexachlorodib enzodioxin ng/kg-ww
9/19/00	220	Allied	CP	Whole Body	6,860	4,937	F	9	3.2 J	0.9 J	0.1 J	0.9 J	2.2 J	3.0	0.8 J	0.3 J
9/19/00	220	Allied	CP	Whole Body	6,420	4,200	F	7	4.2	0.7 J	0.1 U	0.6 J	1.0 J	2.5	0.6 J	0.7 J
9/19/00	220	Allied	SMB	Whole Body	4,480	1,192	M	8	0.1 J	0.2 J	0.1 U	0.1 U	0.2 J	0.2 J	0.1 U	0.1 U
9/19/00	220	Allied	SMB	Whole Body	4,600	1,589	F	8	0.1 J	0.1 J	0.1 U	0.1 U	0.2 J	0.4 J	0.1 U	0.1 U
9/20/00	220	Allied	BLUE	Whole Body	1,590	79	M	3	0.6 J	0.6 J	0.2 U	0.1 U	0.4 J	0.3 J	0.1 J	0.1 U
9/20/00	220	Allied	BLUE	Whole Body	1,580	99	F	3	0.7 J	0.2 U	0.2 U	0.2 U	0.2 J	0.2 U	0.2 U	0.2 U
9/20/00	220	Allied	BLUE	Whole Body	1,580	78	M	2	0.9 J	0.4 J	0.1 U	0.2 U	0.3 J	0.4 J	0.1 U	0.2 U
9/20/00	220	Allied	BLUE	Whole Body	1,400	53	F	2	0.3 J	0.3 J	0.1 U	0.2 U	0.2 J	0.3 J	0.1 U	0.2 U
9/20/00	220	Allied	BLUE	Whole Body	1,150	26	F	1	0.2 U	0.5 J	0.1 U	0.1 U	0.2 J	0.2 J	0.1 U	0.1 U
9/20/00	220	Allied	CP	Fillet	5,630	763	M	7	1.5 J	0.2 J	0.1 U	0.3 J	0.9 J	0.8 J	0.4 J	0.3 J
9/20/00	220	Allied	CP	Fillet	6,030	941	F	8	5.2	0.7 J	0.1 U	0.5 J	0.8 J	1.8 J	0.5 J	0.6 J
9/20/00	220	Allied	CP	Fillet	5,750	858	F	7	2.9	1.1 J	0.3 J	1.1 J	11	3.2	3.8	0.6 J
9/20/00	220	Allied	CP	Remainder	5,630	1,171	M	7	4.0	0.8 J	0.1 J	0.7 J	2.5	2.5 J	1.2 J	0.6 J
9/20/00	220	Allied	CP	Remainder	6,030	1,422	F	8	8.1	1.1 J	0.1 U	0.8 J	1.2 J	2.8	0.7 J	0.8 J
9/20/00	220	Allied	CP	Remainder	5,750	1,156	F	7	5.6	1.8 J	0.4 J	1.9 J	21	6.4	7.8	1.2 J
9/20/00	220	Allied	CP	Whole Body	7,120	6,470	F	12	4.6	1.1 J	0.2 J	0.7 J	5.8	2.9	2.2 J	0.6 J
9/20/00	220	Allied	CP	Whole Body	5,900	3,405	M	8	4.5	1.2 J	0.2 J	1.2 J	7.3	3.9	3.4	1.1 J
9/20/00	220	Allied	CP	Whole Body	6,300	4,029	F	8	2.7	0.7 J	0.3 J	0.7 J	3.9	3.1	1.2 J	0.7 J
9/20/00	220	Allied	CP	Whole Body	5,870	3,206	F	8	1.7 J	0.4 J	0.1 U	0.2 J	1.5 J	1.1 J	0.7 J	0.2 J
9/22/00	220	Allied	BLUE	Fillet	1,890	67	M	3	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 J	0.1 U	0.1 U
9/22/00	220	Allied	BLUE	Fillet	1,760	43	M	4	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
9/22/00	220	Allied	BLUE	Remainder	1,760	46	M	4	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
9/22/00	220	Allied	BLUE	Remainder	1,890	48	M	3	0.1 U	0.1 U	0.1 U	0.1 U	0.1 J	0.2 J	0.1 U	0.1 U
9/22/00	220	Allied	CATF	Whole Body	5,050	1,305	F	16	0.7 J	0.2 J	0.1 U	0.3 J	0.8 J	1.2 J	0.4 J	0.3 J
9/22/00	220	Allied	SMB	Whole Body	3,560	601	F	5	0.1 J	0.2 J	0.1 U	0.1 U	0.2 J	0.1 J	0.1 U	0.1 U
9/22/00	220	Allied	SMB	Whole Body	3,160	397	M	6	0.1 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
9/22/00	220	Allied	CATF	Fillet	5,350	398	M	12	0.2 J	0.1 J	0.1 U	0.1 U	0.1 J	0.4 J	0.1 U	0.1 J
9/22/00	220	Allied	CATF	Fillet	5,020	391	F	9	0.3 J	0.1 U	0.1 U	0.1 U	0.3 J	0.6 J	0.2 J	0.1 J
9/22/00	220	Allied	CATF	Remainder	5,350	813	M	12	0.5 J	0.1 J	0.1 U	0.2 J	0.2 J	1.3 J	0.2 J	0.3 J
9/22/00	220	Allied	CATF	Remainder	5,020	599	F	9	0.5 J	0.2 J	0.1 U	0.2 J	0.5 J	1.4 J	0.2 J	0.2 J
9/22/00	220	Allied	CATF	Whole Body	5,120	1,561	M	12	0.4 J	0.1 U	0.1 U	0.2 J	0.4 J	1.0 J	0.1 J	0.2 J
9/22/00	220	Allied	CATF	Whole Body	5,040	1,362	M	14	0.4 J	0.2 J	0.1 U	0.2 J	0.2 J	1.3 J	0.3 J	0.3 J
9/19/00	701	Allied	CP	Fillet	5,870	647	M	7	4.2	1.2 J	0.1 J	0.8 J	5.1	2.6	2.2 J	0.5 J
9/19/00	701	Allied	CP	Fillet	5,900	733	M	10	0.2 J	0.1 U	0.1 U	0.1 U	0.2 J	0.2 J	0.1 J	0.1 U
9/19/00	701	Allied	CP	Remainder	5,870	1,260	M	7	6.0	1.5 J	0.3 J	0.9 J	6.6	3.4	3.1	0.9 J
9/19/00	701	Allied	CP	Remainder	5,900	1,141	M	10	0.8 J	0.1 U	0.1 U	0.2 J	0.5 J	0.5 J	0.2 J	0.1 J
9/19/00	701	Allied	SMB	Fillet	3,110	158	M	5	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 J	0.1 U	0.1 U
9/19/00	701	Allied	SMB	Fillet	2,970	200	M	5	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
9/19/00	701	Allied	SMB	Remainder	3,110	177	M	5	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 J	0.1 U	0.1 U
9/19/00	701	Allied	SMB	Remainder	2,970	170	M	5	0.1 J	0.1 U	0.1 U	0.1 U	0.1 J	0.2 J	0.1 U	0.1 U

Table I-15C. (cont.)

Date	Station	Source	Species	Sample	Length (mm)	Weight (g)	Sex	Age	1,2,3,7,8,9-Hexachlorodibenzofuran ng/kg-ww	1,2,3,7,8-Pentachlorodibenzodioxin ng/kg-ww	1,2,3,7,8-Pentachlorodibenzofuran ng/kg-ww	2,3,4,6,7,8-Hexachlorodibenzofuran ng/kg-ww	2,3,4,7,8-Pentachlorodibenzofuran ng/kg-ww	2,3,7,8-Tetrachlorodibenzo-dioxin ng/kg-ww	2,3,7,8-Tetrachlorodibenzofuran ng/kg-ww	Octachlorodibenzodioxin ng/kg-ww	Octa-chloro-dibenzofuran ng/kg-ww
9/19/00	220	Allied	CP	Whole Body	6,860	4,937	F	9	0.1 U	1.8	2.5	0.6 J	10	1.9	9.8	3.2 J	0.4 U
9/19/00	220	Allied	CP	Whole Body	6,420	4,200	F	7	0.1 U	2.0	1.9	0.5 J	5.9	1.6	7.6	5.9	0.1 U
9/19/00	220	Allied	SMB	Whole Body	4,480	1,192	M	8	0.1 U	0.7 J	0.7 J	0.1 U	6.0	1.7	7.7	0.4 U	0.1 U
9/19/00	220	Allied	SMB	Whole Body	4,600	1,589	F	8	0.1 U	0.7 J	0.9 J	0.1 U	3.4	1.3	9.9	0.3 U	0.1 U
9/20/00	220	Allied	BLUE	Whole Body	1,590	79	M	3	0.1 U	0.1 U	1.5 J	0.1 U	2.0 J	0.9 J	3.2 J	2.5 J	0.2 U
9/20/00	220	Allied	BLUE	Whole Body	1,580	99	F	3	0.2 U	0.2 J	0.4 J	0.2 U	0.5 J	0.4 J	1.9 J	4.2 J	0.2 U
9/20/00	220	Allied	BLUE	Whole Body	1,580	78	M	2	0.1 U	0.3 J	0.8 J	0.1 U	1.1 J	0.5 J	3.5 J	2.5 J	0.4 U
9/20/00	220	Allied	BLUE	Whole Body	1,400	53	F	2	0.1 U	0.2 J	0.3 J	0.1 U	0.6 J	0.6 J	2.2 J	0.7 U	0.2 U
9/20/00	220	Allied	BLUE	Whole Body	1,150	26	F	1	0.1 U	0.1 U	0.1 J	0.1 U	0.2 J	0.3 J	1.4 J	0.7 U	0.2 U
9/20/00	220	Allied	CP	Fillet	5,630	763	M	7	0.1 U	0.9 J	1.0	0.2 J	6.0	0.6 J	2.4	1.4 U	0.1 U
9/20/00	220	Allied	CP	Fillet	6,030	941	F	8	0.1 U	1.2	1.4	0.4 J	3.6	0.7 J	10	5.2	0.2 U
9/20/00	220	Allied	CP	Fillet	5,750	858	F	7	0.2 J	3.5	15	1.0 J	59	2.0	33	2.1 J	0.1 U
9/20/00	220	Allied	CP	Remainder	5,630	1,171	M	7	0.1 U	2.6	2.8 J	0.5 J	16	1.7	7.1	3.0 J	0.2 U
9/20/00	220	Allied	CP	Remainder	6,030	1,422	F	8	0.1 U	1.7	2.3	0.5 J	4.8	1.1	16	7.0	0.1 U
9/20/00	220	Allied	CP	Remainder	5,750	1,156	F	7	0.2 J	6.4	27	1.9 J	114	3.4	64	2.6 J	0.2 U
9/20/00	220	Allied	CP	Whole Body	7,120	6,470	F	12	0.2 J	3.1	6.7	0.9 J	59	2.4	9.1	4.4 J	0.2 U
9/20/00	220	Allied	CP	Whole Body	5,900	3,405	M	8	0.2 J	5.1	7.2	1.2 J	99	3.2	19	3.3 J	0.2 U
9/20/00	220	Allied	CP	Whole Body	6,300	4,029	F	8	0.1 J	3.6	7.6	0.5 J	47	3.3	16	13	0.3 U
9/20/00	220	Allied	CP	Whole Body	5,870	3,206	F	8	0.1 U	0.7 J	2.9	0.2 J	6.2	0.6 J	12	5.9	0.2 U
9/22/00	220	Allied	BLUE	Fillet	1,890	67	M	3	0.1 U	0.1 U	0.3 J	0.1 U	0.1 J	0.3 J	0.9 J	0.4 U	0.1 U
9/22/00	220	Allied	BLUE	Fillet	1,760	43	M	4	0.1 U	0.1 U	0.1 U	0.1 U	0.1 J	0.2 U	0.2 J	0.4 U	0.1 U
9/22/00	220	Allied	BLUE	Remainder	1,760	46	M	4	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 J	0.5 J	0.4 U	0.1 U
9/22/00	220	Allied	BLUE	Remainder	1,890	48	M	3	0.1 U	0.1 J	0.4 J	0.1 U	0.4 J	0.5 J	2.2	0.4 U	0.1 U
9/22/00	220	Allied	CATF	Whole Body	5,050	1,305	F	16	0.1 U	3.4 J	0.8 J	0.3 J	29	4.0	1.9	1.4 U	0.4 U
9/22/00	220	Allied	SMB	Whole Body	3,560	601	F	5	0.1 U	0.4 J	0.6 J	0.1 U	2.6	0.8 J	11	0.4 U	0.1 U
9/22/00	220	Allied	SMB	Whole Body	3,160	397	M	6	0.1 U	0.3 J	0.3 J	0.1 U	1.4	0.2 J	4.1	0.9 U	0.1 U
9/22/00	220	Allied	CATF	Fillet	5,350	398	M	12	0.1 U	0.5 J	0.2 J	0.1 U	1.6	0.6 J	0.4 J	0.6 U	0.1 U
9/22/00	220	Allied	CATF	Fillet	5,020	391	F	9	0.1 U	1.0	0.9 J	0.2 J	4.1	0.9 J	1.6	0.4 U	0.1 U
9/22/00	220	Allied	CATF	Remainder	5,350	813	M	12	0.1 U	1.8	0.6 J	0.3 J	5.3	1.7	1.4	0.8 U	0.1 U
9/22/00	220	Allied	CATF	Remainder	5,020	599	F	9	0.1 U	2.1	1.6	0.2 J	8.3	2.0	3.2	0.9 U	0.2 U
9/22/00	220	Allied	CATF	Whole Body	5,120	1,561	M	12	0.1 U	1.7	0.5 J	0.2 J	7.6	1.9	1.6	0.9 U	0.2 U
9/22/00	220	Allied	CATF	Whole Body	5,040	1,362	M	14	0.1 U	2.1	0.6 J	0.2 J	8.1	2.5 J	1.0	1.0 U	0.1 U
9/19/00	701	Allied	CP	Fillet	5,870	647	M	7	0.1 U	1.7	6.2	0.8 J	17	1.3	7.1	2.7 J	0.1 J
9/19/00	701	Allied	CP	Fillet	5,900	733	M	10	0.1 U	0.1 U	0.1 U	0.1 U	0.4 J	0.2 J	0.5 J	0.7 U	0.1 U
9/19/00	701	Allied	CP	Remainder	5,870	1,260	M	7	0.2 J	2.6	8.5	1.0 J	22	1.9	10	4.1 J	0.2 U
9/19/00	701	Allied	CP	Remainder	5,900	1,141	M	10	0.1 U	0.3 J	0.6 J	0.3 J	1.6	0.3 J	2.5	1.4 U	0.2 U
9/19/00	701	Allied	SMB	Fillet	3,110	158	M	5	0.1 U	0.1 U	0.2 J	0.1 U	0.2 J	0.1 U	0.8 J	0.5 U	0.1 U
9/19/00	701	Allied	SMB	Fillet	2,970	200	M	5	0.1 U	0.1 U	0.2 J	0.1 U	0.3 J	0.2 J	1.8	0.3 U	0.1 U
9/19/00	701	Allied	SMB	Remainder	3,110	177	M	5	0.1 U	0.3 J	0.3 J	0.1 U	1.2	0.6 J	5.9	0.3 U	0.1 U
9/19/00	701	Allied	SMB	Remainder	2,970	170	M	5	0.1 U	0.2 J	0.5 J	0.1 U	1.5	0.4 J	7.4	0.5 U	0.1 U

Table I-15C. (cont.)

Date	Station	Source	Species	Sample	Length (mm)	Weight (g)	Sex	Age	TEQ (1/2 DL) Avian ng/kg-ww	TEQ (1/2 DL) Mammalia ng/kg-ww	Total hepta-chloro-dibenzodioxi ng/kg-ww	Total hepta-chloro-dibenzofurans ng/kg-ww	Total hexa-chloro-dibenzodioxins ng/kg-ww	Total hexa-chloro-dibenzofurans ng/kg-ww	Total penta-chloro-dibenzodioxins ng/kg-ww	Total penta-chloro-dibenzofurans ng/kg-ww	Total tetra-chloro-dibenzodioxins ng/kg-ww	Total tetra-chloro-dibenzofuran ng/kg-ww
9/19/00	220	Allied	CP	Whole Body	6,860	4,937	F	9	24	11	4.9 J	0.16 J	4.0	3.8	1.8	14	1.9	10
9/19/00	220	Allied	CP	Whole Body	6,420	4,200	F	7	18	8.1	4.2	0.236 J	3.4	0.1 U	2.0	9.5	1.8	9.4
9/19/00	220	Allied	SMB	Whole Body	4,480	1,192	M	8	16	6.2	1.3 J	0.1 U	0.3 J	0.6 J	0.7 J	6.7	1.7	7.4
9/19/00	220	Allied	SMB	Whole Body	4,600	1,589	F	8	15	4.8	0.1 U	0.1 U	0.4 J	0.3 J	0.1 U	4.7	1.3	9.5
9/20/00	220	Allied	BLUE	Whole Body	1,590	79	M	3	6.4	2.5	1.2 J	0.15 U	0.1 U	0.8 J	0.1 U	4.0	0.9 J	3.1 J
9/20/00	220	Allied	BLUE	Whole Body	1,580	99	F	3	3.1	1.2	0.2 U	0.22 U	0.2 U	0.2 J	0.2 U	0.5 J	0.2 U	2.1 J
9/20/00	220	Allied	BLUE	Whole Body	1,580	78	M	2	5.5	1.9	0.3 J	0.14 U	0.6 J	0.1 U	0.3 J	1.9 J	0.4 U	3.4 J
9/20/00	220	Allied	BLUE	Whole Body	1,400	53	F	2	3.7	1.4	0.3 J	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	0.1 U	2.3 J
9/20/00	220	Allied	BLUE	Whole Body	1,150	26	F	1	1.9	0.6	0.2 U	0.12 U	0.2 J	0.2 J	0.1 U	0.1 U	0.1 U	1.6 J
9/20/00	220	Allied	CP	Fillet	5,630	763	M	7	10	5.1	1.5 J	0.24 J	1.5 J	1.3 J	0.9 J	7.1	0.6 J	2.6
9/20/00	220	Allied	CP	Fillet	6,030	941	F	8	16	5.3	6.4	0.938 J	1.1 J	2.0 J	1.2	7.7	0.1 U	13
9/20/00	220	Allied	CP	Fillet	5,750	858	F	7	101	41	2.9	1.21 J	4.9	17	3.5	77	2.0	34
9/20/00	220	Allied	CP	Remainder	5,630	1,171	M	7	29	14	4.4	0.885 J	1.8	3.5	2.6	18	1.7	7.5
9/20/00	220	Allied	CP	Remainder	6,030	1,422	F	8	24	7.6	10	1.34 J	4.1	4.0	1.7	11	1.1	21
9/20/00	220	Allied	CP	Remainder	5,750	1,156	F	7	194	79	6.6	2.44 J	8.4	31	6.7	149	3.4	68
9/20/00	220	Allied	CP	Whole Body	7,120	6,470	F	12	75	38	5.1	1.61 J	4.4	9.5	3.1	66	2.4	9.2
9/20/00	220	Allied	CP	Whole Body	5,900	3,405	M	8	128	62	4.5	1.56 J	6.2	12	5.1	109	3.2	21
9/20/00	220	Allied	CP	Whole Body	6,300	4,029	F	8	72	34	3.9	0.95 J	4.7	6.6	3.6	56	3.3	19
9/20/00	220	Allied	CP	Whole Body	5,870	3,206	F	8	20	6.2	2.8	0.1 U	1.4 J	1.8 J	0.7 J	9.4	0.1 U	13
9/22/00	220	Allied	BLUE	Fillet	1,890	67	M	3	1.5	0.6	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.3 J	0.3 J	0.8 J
9/22/00	220	Allied	BLUE	Fillet	1,760	43	M	4	0.5	0.3	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.2 J
9/22/00	220	Allied	BLUE	Remainder	1,760	46	M	4	0.9	0.4	0.1 U	0.12 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.5 J
9/22/00	220	Allied	BLUE	Remainder	1,890	48	M	3	3.3	1.2	0.1 U	0.1 U	0.2 J	0.2 J	0.1 J	0.8 J	0.5 J	2.1
9/22/00	220	Allied	CATF	Whole Body	5,050	1,305	F	16	39	22	1.4 J	0.445 J	1.5 J	0.7 J	0.1 U	31	4.0	2.3
9/22/00	220	Allied	SMB	Whole Body	3,560	601	F	5	14	3.7	0.3 J	0.1 U	0.1 U	0.2 J	0.4 J	3.6	0.1 U	11
9/22/00	220	Allied	SMB	Whole Body	3,160	397	M	6	6.1	1.7	0.3 J	0.1 U	0.1 U	0.1 U	0.1 U	1.4	0.2 J	4.2
9/22/00	220	Allied	CATF	Fillet	5,350	398	M	12	3.2	2.0	0.5 J	0.1 U	0.4 J	0.1 J	0.5 J	1.6	0.6 J	0.4 J
9/22/00	220	Allied	CATF	Fillet	5,020	391	F	9	7.8	4.4	0.1 U	0.1 U	0.1 U	0.3 J	1.0	4.9	0.9 J	1.5
9/22/00	220	Allied	CATF	Remainder	5,350	813	M	12	10	6.6	1.1 J	0.166 J	1.3 J	0.3 J	1.8	6.3	1.7	1.3
9/22/00	220	Allied	CATF	Remainder	5,020	599	F	9	16	9.0	1.4 J	0.172 J	1.8 J	0.7 J	2.2	9.9	2.1	3.6
9/22/00	220	Allied	CATF	Whole Body	5,120	1,561	M	12	13	7.8	1.0 J	0.137 J	1.2 J	0.7 J	1.7	8.0	1.9	1.9
9/22/00	220	Allied	CATF	Whole Body	5,040	1,362	M	14	14	9.1	0.1 U	0.1 U	1.5 J	0.1 U	2.1	9.2	0.1 U	1.3
9/19/00	701	Allied	CP	Fillet	5,870	647	M	7	29	14	4.2	1.6 J	3.1	8.8	1.7	25	1.3	8.5
9/19/00	701	Allied	CP	Fillet	5,900	733	M	10	1.2	0.6	0.2 J	0.1 U	0.1 U	0.2 J	0.1 U	0.1 U	0.4 J	0.7 J
9/19/00	701	Allied	CP	Remainder	5,870	1,260	M	7	39	18	6.0	0.168 J	5.2	10	2.6	31	1.9	9.9
9/19/00	701	Allied	CP	Remainder	5,900	1,141	M	10	5.0	2.0	0.1 U	0.1 U	0.8 J	1.4 J	0.1 U	2.3	0.2 U	0.1 U
9/19/00	701	Allied	SMB	Fillet	3,110	158	M	5	1.2	0.3	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.9 J
9/19/00	701	Allied	SMB	Fillet	2,970	200	M	5	2.4	0.6	0.2 J	0.11 U	0.1 U	0.1 U	0.1 U	0.3 J	0.1 U	1.9
9/19/00	701	Allied	SMB	Remainder	3,110	177	M	5	8.0	2.1	3.2	0.1 U	0.1 J	0.1 U	0.1 U	1.5	0.1 U	5.9
9/19/00	701	Allied	SMB	Remainder	2,970	170	M	5	9.7	2.2	0.1 J	0.11 U	0.1 U	0.1 J	0.1 U	2.0	0.4 J	7.1

Table I-16. 1992 Toxicity Test Results

		Amphipod Test					Chironomid Test				
Station	Collection Date	Replicate	Laboratory Batch	No. of Survivors	Mortality (%)	Individual Biomass[a] (mg dry)	Replicate	Batch	No. of Survivors	Mortality (%)	Individual Biomass[a,b] (mg dry)
S1	02-Aug-92	A	3	17	15	0.24	A	6	11[c]	0	2.86
S1	02-Aug-92	B	3	20	0	0.30	B	6	9	10	2.51
S1	02-Aug-92	C	3	19	5	0.23	C	6	10	0	1.63
S1	02-Aug-92	D	3	19	5	0.20	D	6	8	20	1.55
S1	02-Aug-92	E	3	17	15	0.19	E	6	10	0	2.46
S1	02-Aug-92	A	3	16	20	0.33	A	6	8	20	2.04
S1	02-Aug-92	B	3	17	15	0.18	B	6	10	0	2.63
S1	02-Aug-92	C	3	19	5	0.24	C	6	10	0	2.54
S1	02-Aug-92	D	3	14	30	0.34	D	6	9	10	3.32
S1	02-Aug-92	E	3	17	15	0.22	E	6	9	10	2.73
S1	02-Aug-92	A	3	19	5	0.30	A	6	9	10	1.77
S1	02-Aug-92	B	3	12	40	0.18	B	6	–[d]	–[d]	1.20
S1	02-Aug-92	C	3	19	5	0.27	C	6	8	20	0.63
S1	02-Aug-92	D	3	19	5	0.21	D	6	9	10	2.54
S1	02-Aug-92	E	3	18	10	0.23	E	6	8	20	1.53
S2	30-Jul-92	A	3	15	25	0.21	A	5	8	20	1.49
S2	30-Jul-92	B	3	18	10	0.19	B	5	8	20	1.23
S2	30-Jul-92	C	3	15	25	0.18	C	5	10	0	1.09
S2	30-Jul-92	D	3	18	10	0.21	D	5	9	10	1.69
S2	30-Jul-92	E	3	18	10	0.20	E	5	17[e]	15	0.99
S3	12-Aug-92	A	6	18	10	0.25	A	11	7	30	0.69
S3	12-Aug-92	B	6	19	5	0.21	B	11	9	10	0.36
S3	12-Aug-92	C	6	17	15	0.31	C	11	7	30	0.49
S3	12-Aug-92	D	6	19	5	0.29	D	11	7	30	0.45
S3	12-Aug-92	E	6	19	5	0.22	E	11	8	20	0.54
S4	09-Aug-92	A	5	19	5	0.36	A	10	8	20	0.60
S4	09-Aug-92	B	5	18	10	0.33	B	10	2	80	0.35
S4	09-Aug-92	C	5	19	5	0.16	C	10	8	20	0.44
S4	09-Aug-92	D	5	17	15	0.21	D	10	7	30	0.64
S4	09-Aug-92	E	5	14	30	0.41	E	10	8	20	0.43
S5	30-Jul-92	A	3	14	30	0.16	A	6	0	100	-
S5	30-Jul-92	B	3	13	35	0.11	B	6	3	70	0.33
S5	30-Jul-92	C	3	14	30	0.12	C	6	0	100	-
S5	30-Jul-92	D	3	13	35	0.12	D	6	0	100	-
S5	30-Jul-92	E	3	13	35	0.09	E	6	2	80	0.75
S6	06-Aug-92	A	5	20	0	0.31	A	9	9	10	2.61
S6	06-Aug-92	B	5	20	0	0.46	B	9	8	20	1.36
S6	06-Aug-92	C	5	18	10	0.42	C	9	10	0	1.32
S6	06-Aug-92	D	5	20	0	0.21	D	9	8	20	1.71
S6	06-Aug-92	E	5	20	0	0.22	E	9	10	0	0.99
S7	02-Aug-92	A	3	19	5	0.23	A	6	0	100	-
S7	02-Aug-92	B	3	16	20	0.29	B	6	3	70	1.07
S7	02-Aug-92	C	3	18	10	0.17	C	6	6	40	1.23
S7	02-Aug-92	D	3	16	20	0.09	D	6	2	80	0.75
S7	02-Aug-92	E	3	17	15	0.21	E	6	3	70	0.35
S8	09-Aug-92	A	5	15	25	0.20	A	10	8	20	0.48
S8	09-Aug-92	B	5	17	15	0.13	B	10	10	0	0.42
S8	09-Aug-92	C	5	19	5	0.34	C	10	8	20	0.31
S8	09-Aug-92	D	5	19	5	0.36	D	10	9	10	0.33
S8	09-Aug-92	E	5	19	5	0.27	E	10	8	20	0.45
S9	09-Aug-92	A	5	19	5	0.26	A	10	6	40	0.38
S9	09-Aug-92	B	5	20	0	0.19	B	10	7	30	0.47
S9	09-Aug-92	C	5	19	5	0.29	C	10	3	70	0.40
S9	09-Aug-92	D	5	18	10	0.28	D	10	3	70	0.63
S9	09-Aug-92	E	5	20	0	0.19	E	10	6	40	0.33
S10	04-Aug-92	A	4	19	5	0.28	A	8	11[c]	0	0.85
S10	04-Aug-92	B	4	17	15	0.34	B	8	10	0	0.83
S10	04-Aug-92	C	4	19	5	0.34	C	8	8	20	0.94
S10	04-Aug-92	D	4	18	10	0.31	D	8	10	0	1.37
S10	04-Aug-92	E	4	16	20	0.22	E	8	9	10	0.93
S11	03-Aug-92	A	4	20	0	0.34	A	7	9	10	3.41
S11	03-Aug-92	B	4	19	5	0.30	B	7	10	0	3.28
S11	03-Aug-92	C	4	20	0	0.40	C	7	9	10	3.63
S11	03-Aug-92	D	4	18	10	0.40	D	7	9	10	3.39
S11	03-Aug-92	E	4	20	0	0.19	E	7	10	0	3.71
S12	06-Aug-92	A	5	17	15	0.27	A	9	10	0	0.43

Table I-16 (cont.)

		Amphipod Test					Chironomid Test				
Station	Collection Date	Replicate	Laboratory Batch	No. of Survivors	Mortality (%)	Individual Biomass[a] (mg dry)	Replicate	Batch	No. of Survivors	Mortality (%)	Individual Biomass[a,b] (mg dry)
S12	06-Aug-92	B	5	19	5	0.34	B	9	8	20	0.30
S12	06-Aug-92	C	5	19	5	0.29	C	9	9	10	0.33
S12	06-Aug-92	D	5	19	5	0.26	D	9	8	20	0.30
S12	06-Aug-92	E	5	18	10	0.34	E	9	8	20	0.46
S13	03-Aug-92	A	4	15	25	0.38	A	7	2	80	0.50
S13	03-Aug-92	B	4	14	30	0.25	B	7	1	90	1.20
S13	03-Aug-92	C	4	18	10	0.31	C	7	1	90	1.70
S13	03-Aug-92	D	4	17	15	0.35	D	7	0	100	-
S13	03-Aug-92	E	4	19	5	0.20	E	7	3	70	0.73
S14	30-Jul-92	A	3	8	60	0.10	A	5	2	80	5.80
S14	30-Jul-92	B	3	4	80	0.09	B	5	1	90	0.60
S14	30-Jul-92	C	3	8	60	0.15	C	5	1	90	0.60
S14	30-Jul-92	D	3	8	60	0.09	D	5	6	40	1.80
S14	30-Jul-92	E	3	2	90	0.09	E	5	0	100	-
S15	12-Aug-92	A	6	12	40	0.09	A	11	2	80	0.05
S15	12-Aug-92	B	6	17	15	0.08	B	11	2	80	0.15
S15	12-Aug-92	C	6	7	65	0.21	C	11	0	100	-
S15	12-Aug-92	D	6	8	60	0.15	D	11	0	100	-
S15	12-Aug-92	E	6	5	75	0.17	E	11	0	100	-
S16	03-Aug-92	A	4	19	5	0.19	A	7	10	0	2.55
S16	03-Aug-92	B	4	20	0	0.33	B	7	9	10	2.73
S16	03-Aug-92	C	4	19	5	0.42	C	7	10	0	2.98
S16	03-Aug-92	D	4	20	0	0.43	D	7	9	10	2.81
S16	03-Aug-92	E	4	19	5	0.38	E	7	10	0	2.54
S17	03-Aug-92	A	4	_[d]	_[d]	0.39	A	6	8	20	2.76
S17	03-Aug-92	B	4	20	0	0.16	B	6	10	0	1.67
S17	03-Aug-92	C	4	20	0	0.34	C	6	10	0	2.77
S17	03-Aug-92	D	4	20	0	0.26	D	6	9	10	1.34
S17	03-Aug-92	E	4	19	5	0.34	E	6	9	10	2.88
S17	03-Aug-92	A	4	20	0	0.38	A	7	10	0	2.71
S17	03-Aug-92	B	4	20	0	0.29	B	7	10	0	2.71
S17	03-Aug-92	C	4	20	0	0.37	C	7	8	20	3.25
S17	03-Aug-92	D	4	18	10	0.26	D	7	6	40	3.35
S17	03-Aug-92	E	4	20	0	0.25	E	7	10	0	_[d]
S17	03-Aug-92	A	4	19	5	0.42	A	7	10	0	1.54
S17	03-Aug-92	B	4	20	0	0.38	B	7	10	0	1.67
S17	03-Aug-92	C	4	20	0	0.30	C	7	10	0	1.45
S17	03-Aug-92	D	4	20	0	0.33	D	7	8	20	2.65
S17	03-Aug-92	E	4	20	0	0.32	E	7	10	0	1.56
S18	06-Aug-92	A	5	19	5	0.22	A	9	7	30	0.30
S18	06-Aug-92	B	5	20	0	0.35	B	9	10	0	0.48
S18	06-Aug-92	C	5	17	15	0.32	C	9	9	10	0.31
S18	06-Aug-92	D	5	15	25	0.24	D	9	9	10	0.44
S18	06-Aug-92	E	5	15	25	0.22	E	9	8	20	0.89
S19	09-Aug-92	A	5	18	10	0.34	A	9	8	20	1.99
S19	09-Aug-92	B	5	19	5	0.36	B	9	10	0	1.59
S19	09-Aug-92	C	5	17	15	0.23	C	9	10	0	1.58
S19	09-Aug-92	D	5	19	5	0.31	D	9	10	0	1.54
S19	09-Aug-92	E	5	20	0	0.32	E	9	10	0	1.90
S20	02-Aug-92	A	3	15	25	0.31	A	6	2	80	0.10
S20	02-Aug-92	B	3	12	40	0.24	B	6	0	100	-
S20	02-Aug-92	C	3	16	20	0.22	C	6	2	80	0.40
S20	02-Aug-92	D	3	4	80	0.16	D	6	0	100	-
S20	02-Aug-92	E	3	9	55	0.12	E	6	0	100	-
S21	30-Jul-92	A	3	17	15	0.20	A	5	10	0	0.97
S21	30-Jul-92	B	3	19	5	0.16	B	5	8	20	0.80
S21	30-Jul-92	C	3	20	0	0.25	C	5	6	40	0.53
S21	30-Jul-92	D	3	18	10	0.09	D	5	0	100	-
S21	30-Jul-92	E	3	16	20	0.17	E	5	9	10	0.83
S22	02-Aug-92	A	3	20	0	0.21	A	6	10	0	1.13
S22	02-Aug-92	B	3	17	15	0.22	B	6	9	10	2.02
S22	02-Aug-92	C	3	6	70	0.17	C	6	9	10	1.60
S22	02-Aug-92	D	3	14	30	0.14	D	6	10	0	0.76
S22	02-Aug-92	E	3	13	35	0.28	E	6	9	10	0.72
S24	12-Aug-92	A	6	16	20	0.21	A	11	8	20	0.70
S24	12-Aug-92	B	6	20	0	0.19	B	11	8	20	0.35

Table I-16 (cont.)

		Amphipod Test					Chironomid Test				
Station	Collection Date	Replicate	Laboratory Batch	No. of Survivors	Mortality (%)	Individual Biomass[a] (mg dry)	Replicate	Batch	No. of Survivors	Mortality (%)	Individual Biomass[a,b] (mg dry)
S24	12-Aug-92	C	6	18	10	0.16	C	11	10	0	1.74
S24	12-Aug-92	D	6	18	10	0.17	D	11	9	10	1.82
S24	12-Aug-92	E	6	17	15	0.37	E	11	9	10	0.46
S25	12-Aug-92	A	6	19	5	0.24	A	11	10	0	1.26
S25	12-Aug-92	B	6	18	10	0.21	B	11	9	10	1.32
S25	12-Aug-92	C	6	19	5	0.39	C	11	9	10	0.47
S25	12-Aug-92	D	6	19	5	0.19	D	11	8	20	0.60
S25	12-Aug-92	E	6	18	10	0.41	E	11	9	10	1.70
S26	06-Aug-92	A	5	20	0	0.35	A	8	10	0	2.53
S26	06-Aug-92	B	5	17	15	0.37	B	8	10	0	2.34
S26	06-Aug-92	C	5	20	0	0.28	C	8	10	0	2.45
S26	06-Aug-92	D	5	20	0	0.37	D	8	9	10	2.16
S26	06-Aug-92	E	5	19	5	0.49	E	8	10	0	2.46
S27	07-Aug-92	A	5	20	0	0.32	A	9	7	30	0.37
S27	07-Aug-92	B	5	17	15	0.34	B	9	10	0	1.97
S27	07-Aug-92	C	5	19	5	0.35	C	9	9	10	1.07
S27	07-Aug-92	D	5	20	0	0.51	D	9	9	10	0.58
S27	07-Aug-92	E	5	19	5	0.38	E	9	7	30	1.01
S28	28-Jul-92	A	3	11	45	0.12	A	5	3	70	0.53
S28	28-Jul-92	B	3	3	85	0.15	B	5	10	0	0.23
S28	28-Jul-92	C	3	4	80	0.08	C	5	15[e]	25	0.25
S28	28-Jul-92	D	3	1	95	0.06	D	5	0	100	-
S28	28-Jul-92	E	3	3	85	0.17	E	5	4	60	0.33
S29	28-Jul-92	A	3	15	25	0.23	A	5	10	0	1.08
S29	28-Jul-92	B	3	20	0	0.28	B	5	8	20	2.13
S29	28-Jul-92	C	3	18	10	0.21	C	5	10	0	1.38
S29	28-Jul-92	D	3	19	5	0.21	D	5	7	30	1.63
S29	28-Jul-92	E	3	17	15	0.25	E	5	8	20	1.79
S34	04-Aug-92	A	4	20	0	0.30	A	8	10	0	1.99
S34	04-Aug-92	B	4	20	0	0.41	B	8	10	0	1.87
S34	04-Aug-92	C	4	20	0	0.36	C	8	9	10	1.72
S34	04-Aug-92	D	4	20	0	0.41	D	8	10	0	1.59
S34	04-Aug-92	E	4	20	0	0.29	E	8	10	0	1.46
S35	28-Jul-92	A	3	17	15	0.22	A	5	10	0	1.77
S35	28-Jul-92	B	3	16	20	0.28	B	5	10	0	2.28
S35	28-Jul-92	C	3	20	0	0.24	C	5	10	0	2.33
S35	28-Jul-92	D	3	17	15	0.24	D	5	9	10	2.67
S35	28-Jul-92	E	3	19	5	0.24	E	5	9	10	2.29
S36	27-Jul-92	A	2	16	20	0.10	A	4	8	20	0.50
S36	27-Jul-92	B	2	16	20	0.08	B	4	6	40	0.53
S36	27-Jul-92	C	2	20	0	0.21	C	4	6	40	0.42
S36	27-Jul-92	D	2	20	0	0.18	D	4	5	50	0.36
S36	27-Jul-92	E	2	20	0	0.09	E	4	6	40	0.25
S37	24-Jul-92	A	2	19	5	0.28	A	3	9	10	2.28
S37	24-Jul-92	B	2	18	10	0.14	B	3	8	20	2.16
S37	24-Jul-92	C	2	19	5	0.17	C	3	9	10	2.34
S37	24-Jul-92	D	2	17	15	0.27	D	3	9	10	2.34
S37	24-Jul-92	E	2	20	0	0.21	E	3	9	10	2.10
S38	27-Jul-92	A	2	19	5	0.12	A	4	8	20	0.59
S38	27-Jul-92	B	2	18	10	0.15	B	4	10	0	0.85
S38	27-Jul-92	C	2	20	0	0.13	C	4	9	10	0.78
S38	27-Jul-92	D	2	19	5	0.12	D	4	9	10	1.38
S38	27-Jul-92	E	2	20	0	0.18	E	4	9	10	0.69
S39	27-Jul-92	A	2	19	5	0.12	A	4	10	0	1.28
S39	27-Jul-92	B	2	18	10	0.25	B	4	10	0	1.88
S39	27-Jul-92	C	2	19	5	0.12	C	4	9	10	1.03
S39	27-Jul-92	D	2	18	10	0.14	D	4	7	30	0.99
S39	27-Jul-92	E	2	18	10	0.19	E	4	9	10	0.91
S40	07-Aug-92	A	5	19	5	0.33	A	9	8	20	1.14
S40	07-Aug-92	B	5	18	10	0.37	B	9	10	0	1.01
S40	07-Aug-92	C	5	19	5	0.22	C	9	10	0	0.69
S40	07-Aug-92	D	5	18	10	0.24	D	9	9	10	0.82
S40	07-Aug-92	E	5	20	0	0.39	E	9	10	0	1.06
S45	04-Aug-92	A	4	18	10	0.38	A	8	10	0	1.31
S45	04-Aug-92	B	4	20	0	0.35	B	8	10	0	1.28
S45	04-Aug-92	C	4	18	10	0.37	C	8	10	0	1.14
S45	04-Aug-92	D	4	20	0	0.47	D	8	9	10	1.44

Table I-16 (cont.)

		Amphipod Test					Chironomid Test				
Station	Collection Date	Replicate	Laboratory Batch	No. of Survivors	Mortality (%)	Individual Biomass[a] (mg dry)	Replicate	Batch	No. of Survivors	Mortality (%)	Individual Biomass[a,b] (mg dry)
S45	04-Aug-92	E	4	18	10	0.22	E	8	10	0	0.61
S46	04-Aug-92	A	4	19	5	0.23	A	8	10	0	1.49
S46	04-Aug-92	B	4	20	0	0.29	B	8	8	20	2.24
S46	04-Aug-92	C	4	19	5	0.41	C	8	10	0	1.69
S46	04-Aug-92	D	4	20	0	0.25	D	8	9	10	1.20
S46	04-Aug-92	E	4	20	0	0.36	E	8	8	20	1.75
S47	24-Jul-92	A	2	16	20	0.22	A	3	10	0	2.00
S47	24-Jul-92	B	2	17	15	0.12	B	3	10	0	1.64
S47	24-Jul-92	C	2	14	30	0.20	C	3	9	10	–[f]
S47	24-Jul-92	D	2	20	0	0.29	D	3	10	0	1.87
S47	24-Jul-92	E	2	18	10	0.07	E	3	8	20	1.74
S48	24-Jul-92	A	2	18	10	0.19	A	3	5	50	1.06
S48	24-Jul-92	B	2	17	15	0.10	B	3	4	60	0.35
S48	24-Jul-92	C	2	36[g]	10	–[h]	C	3	2	80	0.50
S48	24-Jul-92	D	2	18	10	0.31	D	3	6	40	0.62
S48	24-Jul-92	E	2	15	25	0.21	E	3	6	40	0.58
S51	07-Aug-92	A	5	20	0	0.22	A	9	10	0	1.00
S51	07-Aug-92	B	5	20	0	0.25	B	9	10	0	0.65
S51	07-Aug-92	C	5	18	10	0.28	C	9	10	0	1.02
S51	07-Aug-92	D	5	19	5	0.30	D	9	9	10	0.57
S51	07-Aug-92	E	5	18	10	0.43	E	9	9	10	0.83
S53	27-Jul-92	A	2	20	0	0.07	A	4	9	10	0.37
S53	27-Jul-92	B	2	16	20	0.11	B	4	2	80	0.45
S53	27-Jul-92	C	2	15	25	0.08	C	4	7	30	1.09
S53	27-Jul-92	D	2	13	35	0.19	D	4	8	20	0.23
S53	27-Jul-92	E	2	16	20	0.11	E	4	7	30	1.24
S54	23-Jul-92	A	2	19	5	0.31	A	3	10	0	1.15
S54	23-Jul-92	B	2	17	15	0.12	B	3	10	0	1.28
S54	23-Jul-92	C	2	17	15	0.25	C	3	10	0	1.36
S54	23-Jul-92	D	2	20	0	0.14	D	3	9	10	1.67
S54	23-Jul-92	E	2	19	5	0.16	E	3	9	10	1.26
S55	23-Jul-92	A	2	14	30	0.21	A	3	10	0	1.41
S55	23-Jul-92	B	2	16	20	0.21	B	3	10	0	1.60
S55	23-Jul-92	C	2	18	10	0.18	C	3	10	0	1.87
S55	23-Jul-92	D	2	16	20	0.22	D	3	9	10	1.10
S55	23-Jul-92	E	2	19	5	0.18	E	3	10	0	1.11
S56	07-Aug-92	A	5	19	5	0.25	A	9	10	0	0.99
S56	07-Aug-92	B	5	20	0	0.28	B	9	10	0	1.21
S56	07-Aug-92	C	5	19	5	0.41	C	9	9	10	1.14
S56	07-Aug-92	D	5	19	5	0.31	D	9	9	10	1.02
S56	07-Aug-92	E	5	20	0	0.35	E	9	9	10	1.06
S61	07-Aug-92	A	5	20	0	0.25	A	9	10	0	0.44
S61	07-Aug-92	B	5	18	10	0.33	B	9	10	0	0.41
S61	07-Aug-92	C	5	19	5	0.43	C	9	9	10	0.33
S61	07-Aug-92	D	5	19	5	0.42	D	9	10	0	0.54
S61	07-Aug-92	E	5	18	10	0.31	E	9	10	0	0.31
S62	24-Jul-92	A	2	20	0	0.19	A	3	10	0	2.02
S62	24-Jul-92	B	2	19	5	0.21	B	3	10	0	2.18
S62	24-Jul-92	C	2	20	0	0.30	C	3	10	0	2.22
S62	24-Jul-92	D	2	19	5	0.15	D	3	10	0	–[d]
S62	24-Jul-92	E	2	19	5	0.12	E	3	10	0	2.20
S66	10-Aug-92	A	6	19	5	0.26	A	10	10	0	2.02
S66	10-Aug-92	B	6	20	0	0.40	B	10	8	20	2.18
S66	10-Aug-92	C	6	20	0	0.38	C	10	8	20	2.49
S66	10-Aug-92	D	6	19	5	0.36	D	10	9	10	2.09
S66	10-Aug-92	E	6	19	5	0.38	E	10	7	30	2.36
S67	23-Jul-92	A	2	18	10	0.15	A	3	10	0	1.44
S67	23-Jul-92	B	2	–[i]	–[i]	–[i]	B	3	9	10	1.39
S67	23-Jul-92	C	2	19	5	0.29	C	3	6	40	1.72
S67	23-Jul-92	D	2	18	10	0.20	D	3	7	30	1.70
S67	23-Jul-92	E	2	17	15	0.13	E	3	10	0	1.85
S68	23-Jul-92	A	2	19	5	0.22	A	3	10	0	2.20
S68	23-Jul-92	B	2	18	10	0.14	B	3	8	20	1.68
S68	23-Jul-92	C	2	18	10	0.13	C	3	9	10	1.90
S68	23-Jul-92	D	2	19	5	0.12	D	3	10	0	1.60
S68	23-Jul-92	E	2	20	0	0.16	E	3	9	10	2.06

Table I-16 (cont.)

		Amphipod Test					Chironomid Test				
Station	Collection Date	Replicate	Laboratory Batch	No. of Survivors	Mortality (%)	Individual Biomass[a] (mg dry)	Replicate	Batch	No. of Survivors	Mortality (%)	Individual Biomass[a,b] (mg dry)
S70	10-Aug-92	A	5	17	15	0.43	A	10	10	0	1.83
S70	10-Aug-92	B	5	20	0	0.39	B	10	9	10	2.08
S70	10-Aug-92	C	5	20	0	0.34	C	10	8	20	1.54
S70	10-Aug-92	D	5	19	5	0.35	D	10	9	10	1.40
S70	10-Aug-92	E	5	20	0	0.46	E	10	10	0	1.94
S71	10-Aug-92	A	5	17	15	0.29	A	10	7	30	2.09
S71	10-Aug-92	B	5	19	5	0.30	B	10	8	20	1.79
S71	10-Aug-92	C	5	20	0	0.41	C	10	10	0	1.66
S71	10-Aug-92	D	5	18	10	0.20	D	10	10	0	1.80
S71	10-Aug-92	E	5	20	0	0.38	E	10	8	20	2.11
S72	10-Aug-92	A	5	19	5	0.37	A	10	10	0	2.08
S72	10-Aug-92	B	5	20	0	0.38	B	10	10	0	2.20
S72	10-Aug-92	C	5	20	0	0.45	C	10	8	20	2.08
S72	10-Aug-92	D	5	20	0	0.37	D	10	10	0	1.87
S72	10-Aug-92	E	5	20	0	0.25	E	10	4	60	2.00
S73	10-Aug-92	A	6	19	5	0.49	A	10	10	0	2.83
S73	10-Aug-92	B	6	20	0	0.44	B	10	10	0	1.84
S73	10-Aug-92	C	6	18	10	0.40	C	10	10	0	2.62
S73	10-Aug-92	D	6	20	0	0.33	D	10	8	20	2.31
S73	10-Aug-92	E	6	20	0	0.47	E	10	8	20	3.68
S74	22-Jul-92	A	1	19	5	0.34	A	2	10	0	1.46
S74	22-Jul-92	B	1	20	0	0.30	B	2	9	10	1.30
S74	22-Jul-92	C	1	20	0	0.27	C	2	7	30	1.16
S74	22-Jul-92	D	1	18	10	0.31	D	2	9	10	1.40
S74	22-Jul-92	E	1	19	5	0.35	E	2	10	0	1.43
S75	22-Jul-92	A	1	20	0	0.32	A	2	9	10	1.94
S75	22-Jul-92	B	1	19	5	0.33	B	2	8	20	1.01
S75	22-Jul-92	C	1	19	5	0.33	C	2	10	0	1.29
S75	22-Jul-92	D	1	18	10	0.35	D	2	10	0	2.10
S75	22-Jul-92	E	1	19	5	0.34	E	2	8	20	1.40
S76	22-Jul-92	A	1	20	0	0.20	A	2	9	10	1.41
S76	22-Jul-92	B	1	18	10	0.40	B	2	10	0	1.33
S76	22-Jul-92	C	1	20	0	0.39	C	2	10	0	1.59
S76	22-Jul-92	D	1	20	0	0.34	D	2	10	0	1.67
S76	22-Jul-92	E	1	19	5	0.39	E	2	10	0	1.52
S77	22-Jul-92	A	1	18	10	0.35	A	2	10	0	1.50
S77	22-Jul-92	B	1	20	0	0.35	B	2	9	10	1.53
S77	22-Jul-92	C	1	20	0	0.33	C	2	8	20	0.94
S77	22-Jul-92	D	1	18	10	0.33	D	2	8	20	1.19
S77	22-Jul-92	E	1	17	15	0.28	E	2	8	20	1.48
S81	24-Jul-92	A	2	15	25	0.13	A	3	7	30	2.24
S81	24-Jul-92	B	2	20	0	0.11	B	3	11[c]	0	1.95
S81	24-Jul-92	C	2	18	10	0.27	C	3	10	0	2.01
S81	24-Jul-92	D	2	20	0	0.31	D	3	11[c]	0	1.76
S81	24-Jul-92	E	2	19	5	0.20	E	3	10	0	1.97
S82	21-Jul-92	A	1	20	0	0.28	A	1	8	20	1.49
S82	21-Jul-92	B	1	18	10	0.38	B	1	7	30	1.29
S82	21-Jul-92	C	1	20	0	0.27	C	1	8	20	1.56
S82	21-Jul-92	D	1	19	5	0.25	D	1	7	30	1.60
S82	21-Jul-92	E	1	19	5	0.27	E	1	5	50	2.30
S83	21-Jul-92	A	1	18	10	0.31	A	1	10	0	1.54
S83	21-Jul-92	B	1	20	0	0.33	B	1	8	20	1.13
S83	21-Jul-92	C	1	20	0	0.30	C	1	7	30	1.19
S83	21-Jul-92	D	1	19	5	0.31	D	1	9	10	1.44
S83	21-Jul-92	E	1	19	5	0.32	E	1	8	20	2.28
S84	21-Jul-92	A	1	19	5	0.33	A	1	8	20	1.88
S84	21-Jul-92	B	1	20	0	0.41	B	1	8	20	2.03
S84	21-Jul-92	C	1	19	5	0.28	C	1	10	0	1.11
S84	21-Jul-92	D	1	20	0	0.32	D	1	9	10	1.58
S84	21-Jul-92	E	1	19	5	0.24	E	1	10	0	1.77
S86	11-Aug-92	A	6	18	10	0.25	A	11	9	10	2.60
S86	11-Aug-92	B	6	19	5	0.27	B	11	8	20	1.28
S86	11-Aug-92	C	6	20	0	0.34	C	11	9	10	1.16
S86	11-Aug-92	D	6	20	0	0.28	D	11	8	20	1.76
S86	11-Aug-92	E	6	18	10	0.17	E	11	10	0	0.87
S87	22-Jul-92	A	1	20	0	0.41	A	2	8	20	1.83
S87	22-Jul-92	B	1	20	0	0.37	B	2	7	30	1.24

Table I-16 (cont.)

		Amphipod Test					Chironomid Test				
Station	Collection Date	Replicate	Laboratory Batch	No. of Survivors	Mortality (%)	Individual Biomass[a] (mg dry)	Replicate	Batch	No. of Survivors	Mortality (%)	Individual Biomass[a,b] (mg dry)
S87	22-Jul-92	C	1	20	0	0.34	C	2	8	20	1.65
S87	22-Jul-92	D	1	19	5	0.37	D	2	9	10	0.86
S87	22-Jul-92	E	1	19	5	0.38	E	2	9	10	1.93
S90	11-Aug-92	A	6	18	10	0.43	A	11	8	20	1.28
S90	11-Aug-92	B	6	20	0	0.27	B	11	7	30	2.69
S90	11-Aug-92	C	6	19	5	0.36	C	11	9	10	2.08
S90	11-Aug-92	D	6	18	10	0.44	D	11	10	0	0.81
S90	11-Aug-92	E	6	19	5	0.35	E	11	9	10	0.90
S92	31-Jul-92	A	3	19	5	0.25	A	5	4	60	2.95
S92	31-Jul-92	B	3	19	5	0.20	B	5	8	20	2.33
S92	31-Jul-92	C	3	20	0	0.25	C	5	9	10	1.73
S92	31-Jul-92	D	3	19	5	0.32	D	5	16[e]	20	1.69
S92	31-Jul-92	E	3	17	15	0.29	E	5	10	0	1.82
S93	31-Jul-92	A	3	20	0	0.30	A	5	7	30	2.60
S93	31-Jul-92	B	3	17	15	0.40	B	5	10	0	2.12
S93	31-Jul-92	C	3	18	10	0.26	C	5	10	0	2.25
S93	31-Jul-92	D	3	20	0	0.39	D	5	7	30	2.11
S93	31-Jul-92	E	3	20	0	0.32	E	5	10	0	2.84
S94	22-Jul-92	A	1	19	5	0.25	A	2	6	40	1.05
S94	22-Jul-92	B	1	20	0	0.30	B	2	7	30	0.87
S94	22-Jul-92	C	1	17	15	0.24	C	2	7	30	1.01
S94	22-Jul-92	D	1	19	5	0.30	D	2	10	0	1.20
S94	22-Jul-92	E	1	19	5	0.30	E	2	9	10	1.32
S95	11-Aug-92	A	6	19	5	0.36	A	11	10	0	1.65
S95	11-Aug-92	B	6	19	5	0.25	B	11	8	20	1.13
S95	11-Aug-92	C	6	20	0	0.42	C	11	10	0	1.12
S95	11-Aug-92	D	6	19	5	0.25	D	11	9	10	1.16
S95	11-Aug-92	E	6	20	0	0.30	E	11	10	0	1.10
S100	11-Aug-92	A	6	19	5	0.33	A	11	7	30	2.99
S100	11-Aug-92	B	6	20	0	0.25	B	11	10	0	3.59
S100	11-Aug-92	C	6	20	0	0.47	C	11	10	0	1.26
S100	11-Aug-92	D	6	18	10	0.32	D	11	10	0	2.86
S100	11-Aug-92	E	6	10	50	0.40	E	11	10	0	2.98
S103	11-Aug-92	A	6	20	0	0.34	A	11	7	30	0.91
S103	11-Aug-92	B	6	20	0	0.32	B	11	10	0	2.95
S103	11-Aug-92	C	6	19	5	0.26	C	11	10	0	2.78
S103	11-Aug-92	D	6	18	10	0.30	D	11	10	0	2.25
S103	11-Aug-92	E	6	20	0	0.22	E	11	10	0	2.16
S104	05-Aug-92	A	4	19	5	0.33	A	8	10	0	1.86
S104	05-Aug-92	B	4	18	10	0.28	B	8	10	0	1.80
S104	05-Aug-92	C	4	19	5	0.39	C	8	10	0	1.12
S104	05-Aug-92	D	4	18	10	0.43	D	8	10	0	1.44
S104	05-Aug-92	E	4	20	0	0.36	E	8	11[j]	8	1.30
S105	31-Jul-92	A	3	20	0	0.26	A	5	10	0	2.30
S105	31-Jul-92	B	3	19	5	0.21	B	5	9	10	2.59
S105	31-Jul-92	C	3	20	0	0.32	C	5	11[c]	0	1.99
S105	31-Jul-92	D	3	19	5	0.24	D	5	9	10	1.94
S105	31-Jul-92	E	3	19	5	0.24	E	5	9	10	2.78
S108	20-Jul-92	A	1	18	10	0.40	A	1	9	10	1.51
S108	20-Jul-92	B	1	20	0	0.35	B	1	10	0	1.66
S108	20-Jul-92	C	1	20	0	0.22	C	1	10	0	1.52
S108	20-Jul-92	D	1	18	10	0.39	D	1	9	10	2.20
S108	20-Jul-92	E	1	18	10	0.34	E	1	9	10	1.54
S109	20-Jul-92	A	1	18	10	0.30	A	1	7	30	2.44
S109	20-Jul-92	B	1	20	0	0.32	B	1	6	40	1.87
S109	20-Jul-92	C	1	19	5	0.28	C	1	8	20	1.65
S109	20-Jul-92	D	1	19	5	0.25	D	1	7	30	0.87
S109	20-Jul-92	E	1	17	15	0.34	E	1	7	30	1.50
S110	20-Jul-92	A	1	19	5	0.41	A	1	9	10	1.68
S110	20-Jul-92	B	1	20	0	0.30	B	1	10	0	1.53
S110	20-Jul-92	C	1	20	0	0.34	C	1	9	10	1.58
S110	20-Jul-92	D	1	20	0	0.35	D	1	9	10	1.46
S110	20-Jul-92	E	1	20	0	0.35	E	1	7	30	1.96
S111	05-Aug-92	A	4	20	0	0.37	A	8	10	0	1.61
S111	05-Aug-92	B	4	20	0	0.33	B	8	9	10	1.69
S111	05-Aug-92	C	4	20	0	0.41	C	8	10	0	0.80
S111	05-Aug-92	D	4	20	0	0.32	D	8	9	10	1.56

Table I-16 (cont.)

		Amphipod Test					Chironomid Test				
Station	Collection Date	Replicate	Laboratory Batch	No. of Survivors	Mortality (%)	Individual Biomass[a] (mg dry)	Replicate	Batch	No. of Survivors	Mortality (%)	Individual Biomass[a,b] (mg dry)
S111	05-Aug-92	E	4	20	0	0.42	E	8	10	0	1.75
S112	05-Aug-92	A	4	19	5	0.43	A	8	8	20	1.69
S112	05-Aug-92	B	4	20	0	0.21	B	8	10	0	1.56
S112	05-Aug-92	C	4	19	5	0.21	C	8	10	0	1.70
S112	05-Aug-92	D	4	20	0	0.42	D	8	10	0	1.60
S112	05-Aug-92	E	4	18	10	0.28	E	8	10	0	1.92
S113	05-Aug-92	A	4	20	0	0.50	A	8	10	0	2.15
S113	05-Aug-92	B	4	18	10	0.40	B	8	10	0	1.23
S113	05-Aug-92	C	4	20	0	0.23	C	8	10	0	1.22
S113	05-Aug-92	D	4	19	5	0.39	D	8	9	10	1.11
S113	05-Aug-92	E	4	19	5	0.40	E	8	8	20	2.43
S114	31-Jul-92	A	3	20	0	0.33	A	6	8	20	2.53
S114	31-Jul-92	B	3	18	10	0.29	B	6	6	40	3.07
S114	31-Jul-92	C	3	19	5	0.27	C	6	9	10	1.97
S114	31-Jul-92	D	3	19	5	0.26	D	6	9	10	2.41
S114	31-Jul-92	E	3	18	10	0.25	E	6	9	10	1.98
CR1	25-Jul-92	A	2	19	5	0.25	A	4	10	0	0.78
CR1	25-Jul-92	B	2	19	5	0.26	B	4	8	20	0.88
CR1	25-Jul-92	C	2	19	5	0.20	C	4	7	30	2.13
CR1	25-Jul-92	D	2	17	15	0.13	D	4	9	10	1.37
CR1	25-Jul-92	E	2	18	10	0.11	E	4	9	10	1.09
CR2	26-Jul-92	A	2	20	0	0.14	A	4	10	0	1.03
CR2	26-Jul-92	B	2	20	0	0.21	B	4	7	30	1.16
CR2	26-Jul-92	C	2	20	0	0.12	C	4	10	0	1.18
CR2	26-Jul-92	D	2	19	5	0.19	D	4	10	0	1.33
CR2	26-Jul-92	E	2	20	0	0.19	E	4	10	0	1.05
CR3	25-Jul-92	A	2	15	25	0.16	A	4	10	0	1.08
CR3	25-Jul-92	B	2	15	25	0.15	B	4	9	10	1.18
CR3	25-Jul-92	C	2	19	5	0.14	C	4	10	0	1.16
CR3	25-Jul-92	D	2	19	5	0.27	D	4	10	0	0.92
CR3	25-Jul-92	E	2	17	15	0.30	E	4	10	0	1.63
CR4	25-Jul-92	A	2	18	10	0.16	A	4	10	0	1.64
CR4	25-Jul-92	B	2	19	5	0.20	B	4	10	0	0.92
CR4	25-Jul-92	C	2	15	25	0.09	C	4	9	10	1.11
CR4	25-Jul-92	D	2	20	0	0.26	D	4	10	0	1.09
CR4	25-Jul-92	E	2	18	10	0.20	E	4	10	0	0.94
CR5	26-Jul-92	A	2	18	10	0.14	A	4	10	0	1.05
CR5	26-Jul-92	B	2	19	5	0.21	B	4	10	0	1.28
CR5	26-Jul-92	C	2	17	15	0.13	C	4	10	0	1.10
CR5	26-Jul-92	D	2	20	0	0.11	D	4	10	0	1.13
CR5	26-Jul-92	E	2	19	5	0.28	E	4	10	0	1.00
OT1	18-Aug-92	A	6	20	0	0.27	A	12	10	0	1.53
OT1	18-Aug-92	B	6	18	10	0.26	B	12	10	0	1.44
OT1	18-Aug-92	C	6	20	0	0.24	C	12	9	10	1.34
OT1	18-Aug-92	D	6	19	5	0.28	D	12	10	0	–[d]
OT1	18-Aug-92	E	6	18	10	0.31	E	12	10	0	1.36
OT2	18-Aug-92	A	6	19	5	0.28	A	12	10	0	1.25
OT2	18-Aug-92	B	6	18	10	0.32	B	12	9	10	1.46
OT2	18-Aug-92	C	6	19	5	0.29	C	12	9	10	0.88
OT2	18-Aug-92	D	6	19	5	0.29	D	12	9	10	0.72
OT2	18-Aug-92	E	6	20	0	0.27	E	12	10	0	0.97
OT3	18-Aug-92	A	6	17	15	0.23	A	12	10	0	1.15
OT3	18-Aug-92	B	6	18	10	0.24	B	12	10	0	1.10
OT3	18-Aug-92	C	6	18	10	0.30	C	12	9	10	1.06
OT3	18-Aug-92	D	6	18	10	0.23	D	12	10	0	1.34
OT3	18-Aug-92	E	6	18	10	0.35	E	12	10	0	1.07
OT4	19-Aug-92	A	6	18	10	0.33	A	12	10	0	0.97
OT4	19-Aug-92	B	6	17	15	0.27	B	12	10	0	1.15
OT4	19-Aug-92	C	6	18	10	0.28	C	12	10	0	0.95
OT4	19-Aug-92	D	6	2	90	0.33	D	12	9	10	1.18
OT4	19-Aug-92	E	6	18	10	0.30	E	12	11[c]	0	1.09
OT5	19-Aug-92	A	6	20	0	0.34	A	12	10	0	1.29
OT5	19-Aug-92	B	6	18	10	0.27	B	12	9	10	1.44
OT5	19-Aug-92	C	6	20	0	0.29	C	12	10	0	1.34
OT5	19-Aug-92	D	6	20	0	0.23	D	12	10	0	0.84
OT5	19-Aug-92	E	6	18	10	0.26	E	12	9	10	1.43

Table I-16 (cont.)

		Amphipod Test					Chironomid Test				
Station	Collection Date	Replicate	Laboratory Batch	No. of Survivors	Mortality (%)	Individual Biomass[a] (mg dry)	Replicate	Batch	No. of Survivors	Mortality (%)	Individual Biomass[a,b] (mg dry)
Control		A	1	20	0	0.30	A	1	10	0	0.79
Control		B	1	20	0	0.32	B	1	10	0	0.72
Control		C	1	19	5	0.26	C	1	6	40	1.60
Control		D	1	18	10	0.37	D	1	10	0	0.94
Control		E	1	20	0	0.28	E	1	10	0	0.69
Control		A	2	19	5	0.09	A	2	9	10	0.79
Control		B	2	19	5	0.11	B	2	9	10	0.83
Control		C	2	20	0	0.22	C	2	9	10	0.91
Control		D	2	20	0	0.15	D	2	8	20	1.10
Control		E	2	17	15	0.17	E	2	10	0	0.49
Control		A	3	19	5	0.16	A	3	10	0	1.46
Control		B	3	19	5	0.30	B	3	9	10	1.43
Control		C	3	19	5	0.25	C	3	10	0	1.45
Control		D	3	19	5	0.24	D	3	8	20	1.38
Control		E	3	19	5	0.34	E	3	10	0	1.41
Control		A	4	20	0	0.33	A	4	10	0	0.52
Control		B	4	20	0	0.18	B	4	10	0	0.63
Control		C	4	20	0	0.39	C	4	10	0	0.71
Control		D	4	20	0	0.41	D	4	9	10	1.20
Control		E	4	20	0	0.24	E	4	9	10	0.76
Control		A	5	20	0	0.33	A	5	9	10	1.31
Control		B	5	20	0	0.36	B	5	10	0	1.25
Control		C	5	19	5	0.27	C	5	10	0	1.14
Control		D	5	19	5	0.25	D	5	9	10	1.32
Control		E	5	17	15	0.36	E	5	8	20	1.59
Control		A	6	20	0	0.30	A	6	10	0	1.39
Control		B	6	20	0	0.30	B	6	8	20	1.39
Control		C	6	19	5	0.23	C	6	8	20	1.96
Control		D	6	20	0	0.37	D	6	10	0	1.13
Control		E	6	20	0	0.25	E	6	9	10	1.56
Control							A	7	10	0	1.53
Control							B	7	9	10	0.86
Control							C	7	8	20	2.25
Control							D	7	10	0	1.78
Control							E	7	11[c]	0	1.46
Control							A	8	9	10	1.21
Control							B	8	10	0	1.01
Control							C	8	10	0	0.66
Control							D	8	10	0	0.82
Control							E	8	10	0	1.08
Control							A	9	10	0	0.79
Control							B	9	10	0	0.91
Control							C	9	9	10	1.81
Control							D	9	9	10	1.81
Control							E	9	9	10	0.60
Control							A	10	10	0	1.29
Control							B	10	9	10	1.00
Control							C	10	10	0	0.95
Control							D	10	8	20	1.18
Control							E	10	9	10	0.82
Control							A	11	10	0	0.64
Control							B	11	10	0	0.73
Control							C	11	10	0	1.03
Control							D	11	10	0	1.37
Control							E	11	7	30	0.43
Control							A	12	9	10	0.83
Control							B	12	9	10	0.50
Control							C	12	10	0	0.65
Control							D	12	10	0	0.70
Control							E	12	9	10	0.56

Source: PTI, 1993

[a] Biomass was calculated only for survivors.
[b] When mortality was 100 percent for a replicate, biomass could not be determined.
[c] Test chamber was apparently seeded with 11 test organisms.
[d] Data value was rejected following quality assurance review.
[e] Test chamber was apparently seeded with 20 test organisms.
[f] Biomass was not determined because all surviving test organisms were lost prior to weighing.
[g] Test chamber was apparently seeded with 40 test organisms.
[h] Biomass was not determined by the laboratory.
[i] No organisms were apparently seeded in the test chamber.
[j] Test chamber was apparently seeded with 12 test organisms.
[k] All controls identified in this table are negative controls.

Table I-17. 1992 Benthic Community Data

Phylum	Class	Order	Family	Genus/Species	Station Replicate Date	CR1 REP1 92/07/25	CR1 REP2 92/07/25	CR1 REP3 92/07/25	CR1 REP4 92/07/25	CR1 REP5 92/07/25	CR10 REP1 92/07/29	CR10 REP2 92/07/29	CR10 REP3 92/07/29	CR10 REP4 92/07/29	CR10 REP5 92/07/29
Cnidaria				Hydrozoa (LPIL)											
Platyhelmenthes	Turbellaria			Turbellaria (LPIL)		37	39	24	20	16	52	16	70	4	88
		Seriata	Planaridae	Dugesia (LPIL)											
				Dugesia Tigrina											
				Planariidae (LPIL)											
Annelida	Hirudinea	Rhynchobdellida	Glossiphoniidae	Helobdella Stagnalis											
	Oligochaeta			Oligochaeta (LPIL)											
		Tubificida	Naididae	Dero (LPIL)											
				Dero Digitata											
				Naididae (LPIL)		0	2	0	0	0	8	0	0	0	0
			Tubificidae	Limnodrilus Cervix											
				Limnodrilus Hoffmeisteri		40	15	4	16	8	4	36	84	4	21
				Limnodrilus (LPIL)											
				Tubificidae (LPIL)		160	210	164	156	184	576	328	451	380	792
Mollusca	Pelecypoda			Pelecypoda (LPIL)											
		Heterodonta	Dreissenidae	Dreissina Polymorpha		4	0	0	0	0	16	12	5	4	12
				Mytilopsis Leucophaeata											
			Sphaeriidae	Sphaeriidae (LPIL)											
				Pisidium Compressum											
				Pisidium Dubium											
				Pisidium Nitidum											
				Pisidium Walkeri											
				Sphaerium (LPIL)											
				Sphaerium Corneum											
				Sphaerium Fabale											
				Sphaerium Nitidum											
				Sphaerium Patella											
				Sphaerium Rhomboideum											
	Gastropoda			Gastropoda (LPIL)											
		Mesogastropoda	Hydrobiidae	Amnicola Limosa											
		Basommatophora	Ancylidae	Ancylidae (LPIL)											
				Ferrissia (LPIL)		0	0	4	0	0					
				Ferrissia Parallela											
				Ferrissia Rivularis		4	0	0	0	0					
				Laevapex Fuscus											
			Physidae	Physa (LPIL)											
				Physa Gyrina											
				Physa Heterostropha											
				Physa sp.B											
				Physidae (LPIL)											
		Lymnophila	Lymnaeidae	Lymnaea (LPIL)											
			Planorbidae	Gyraulus (LPIL)											
				Gyraulus Circumstriatus											
				Gyraulus Parvus											
				Planorbidae (LPIL)											

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	CR1	CR1	CR1	CR1	CR1	CR10	CR10	CR10	CR10	CR10
					Replicate	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5
					Date	92/07/25	92/07/25	92/07/25	92/07/25	92/07/25	92/07/29	92/07/29	92/07/29	92/07/29	92/07/29
Arthropoda		Cladocera	Macrothricidae	Ilyocryptus (LPIL)							4	0	0	0	4
	Arachnida	Acarina		Acarina (LPIL)											
		Hydracarina		Hydracarina (LPIL)							0	0	0	0	8
			Mideopsidae	Mideopsis sp.A											
			Sperchontidae	Sperchon (LPIL)							0	0	0	0	4
				Sperchon sp.B							4	4	0	0	4
				Sperchon sp.D							0	0	1	0	0
				Sperchontidae (LPIL)											
			Unionicolidae	Neumania (LPIL)											
				Neumania sp.A							0	0	1	0	0
				Unionicola (LPIL)											
				Unionicolidae (LPIL)											
	Crustacea	Amphipoda	Gammaridae	Gammaridae (LPIL)		5	0	0	0	0	0	12	2	0	0
				Gammarus (LPIL)							4	0	10	0	0
				Gammarus cf. Fasciatus											
				Gammarus Tigrinus		10	0	4	0	0	16	12	22	0	4
		Isopoda	Asellidae	Asellidae (LPIL)											
				Caecidotea (LPIL)											
				Caecidotea Racovitzai											
				Caecidotea Racovitzai Racovitzai											
		Ostracoda		Ostracoda (LPIL)		0	0	0	0	8					
				Podocopa (LPIL)											
			Cypridae	Cypridae (LPIL)							0	0	0	4	0
			Cypridopsidae	Cypridopsidae (LPIL)											
				Cypridopsis (LPIL)											
				Cypridopsis sp.B											
	Hexapoda	Lepidoptera	Pyralidae	Acentria (LPIL)							0	0	1	0	0
	Insecta	Coleoptera	Dytiscidae	Desmopachria (LPIL)											
			Elmidae	Dubiraphia (LPIL)											
				Elmidae (LPIL)											
				Macronychus (LPIL)											
				Promoresia (LPIL)											
				Stenelmis (LPIL)											
			Haliplidae	Haliplidae (LPIL)											
			Psephenidae	Ectopria (LPIL)											
			Staphylinidae	Staphylinidae (LPIL)											
		Collembola		Collembola (LPIL)											
			Entomobryidae	Entomobrya sp. A											
			Onychiuridae	Tullbergia (LPIL)											

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	CR1	CR1	CR1	CR1	CR1	CR10	CR10	CR10	CR10	CR10
					Replicate	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5
					Date	92/07/25	92/07/25	92/07/25	92/07/25	92/07/25	92/07/29	92/07/29	92/07/29	92/07/29	92/07/29
		Diptera		Diptera (LPIL)											
			Blephariceridae	Blephariceridae (LPIL)											
			Ceratopogonidae	Ceratopogonidae (LPIL)											
			Chironomidae	Chironomidae (LPIL)		8	5	12	12	32	20	44	39	40	40
				Chironomidae Genus AM											
				Chironomidae Genus BG											
				Chironomidae Genus S							0	0	6	8	4
				Chironomidae Genus U											
				Chironomus (LPIL)		28	9	4	36	20	4	0	3	0	0
				Cladopelma (LPIL)		16	9	4	16	24	0	0	2	0	0
				Cladotanytarsus (LPIL)		12	24	8	8	8	56	40	58	100	152
				Cricotopus (LPIL)							0	8	0	0	0
				CryptoChironomus (LPIL)		4	1	0	0	0	8	8	9	16	14
				Dicrotendipes (LPIL)		4	0	0	0	0	8	4	24	12	12
				Djalmabatista (LPIL)											
				Einfeldia (LPIL)											
				Endochironomus Nigricans											
				Eukiefferiella (LPIL)											
				Glyptotendipes (LPIL)		0	1	0	0	0	0	12	5	0	4
				Microtendipes (LPIL)											
				Parachironomus (LPIL)											
				Parachironomus Carinatus		0	1	0	0	0					
				Parachironomus Directus											
				ParaTanytarsus (LPIL)							0	4	0	0	0
				Paratendipes (LPIL)											
				Polypedilum (LPIL)		0	1	0	0	4	4	4	14	12	0
				Polypedilum Simulans Group		0	2	0	0	4	0	0	4	8	8
				Procladius (LPIL)		12	19	28	8	0	12	8	9	4	12
				Prodiamesa (LPIL)											
				PsectroTanypus (LPIL)											
				PseudoChironomus (LPIL)							0	0	2	0	0
				RheoTanytarsus (LPIL)											
				Tanypus (LPIL)											
				Tanypus Stellatus											
				Tanytarsus (LPIL)		4	10	4	4	4	12	8	9	4	4
				Tanytarsus sp. IV		4	11	0	8	4	0	4	16	8	16
				Tanytarsus sp.I		0	1	0	0	0	0	4	0	0	0
			Culicidae	Chaoborus (LPIL)											
				Culicidae (LPIL)											
			Dolichopodidae	Dolichopodidae (LPIL)											
			Psychodidae	Pericoma (LPIL)											
				Psychoda alternata											
				Psychodidae (LPIL)											
				Psychoda (LPIL)											
			Tipulidae	Tipulidae (LPIL)											
		Ephemeroptera	Caenidae	Caenis (LPIL)											
		Hemiptera	Hebridae	Merragata (LPIL)											
		Megaloptera	Sialidae	Sialis (LPIL)											
		Odonata		Odonata (LPIL)							0	0	1	0	0
			Coenagrionidae	Coenagrionidae (LPIL)											
		Trichoptera		Trichoptera (LPIL)							0	0	0	0	1
			Hydroptilidae	Hydroptila (LPIL)		0	0	0	4	0	0	0	2	0	1
			Leptoceridae	Oecetis (LPIL)											
Rhynchocoela				Rhynchocoela (LPIL)											

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station Replicate Date	S40 REP1 92/08/07	S40 REP2 92/08/07	S40 REP3 92/08/07	S40 REP4 92/08/07	S40 REP5 92/08/07	S45 REP1 92/08/04	S45 REP2 92/08/04	S45 REP3 92/08/04	S45 REP4 92/08/04	S45 REP5 92/08/04
Cnidaria				Hydrozoa (LPIL)											
Platyhelmenthes	Turbellaria			Turbellaria (LPIL)							28	0	0	0	1
		Seriata	Planaridae	Dugesia (LPIL)							24	4	0	0	1
				Dugesia Tigrina							0	0	0	4	0
				Planariidae (LPIL)											
Annelida	Hirudinea	Rhynchobdellida	Glossiphoniidae	Helobdella Stagnalis											
	Oligochaeta			Oligochaeta (LPIL)											
		Tubificida	Naididae	Dero (LPIL)											
				Dero Digitata							48	296	296	52	13
				Naididae (LPIL)							12	0	48	28	0
			Tubificidae	Limnodrilus Cervix											
				Limnodrilus Hoffmeisteri							52	0	32	104	27
				Limnodrilus (LPIL)											
				Tubificidae (LPIL)							1056	880	1096	1068	274
Mollusca	Pelecypoda			Pelecypoda (LPIL)											
		Heterodonta	Dreissenidae	Dreissina Polymorpha											
				Mytilopsis Leucophaeata											
			Sphaeriidae	Sphaeriidae (LPIL)											
				Pisidium Compressum											
				PisidiumDubium											
				Pisidium Nitidum											
				Pisidium Walkeri											
				Sphaerium (LPIL)											
				Sphaerium Corneum											
				Sphaerium Fabale											
				Sphaerium Nitidum											
				Sphaerium Patella											
				Sphaerium Rhomboideum											
	Gastropoda			Gastropoda (LPIL)											
		Mesogastropoda	Hydrobiidae	Amnicola Limosa											
		Basommatophora	Ancylidae	Ancylidae (LPIL)											
				Ferrissia (LPIL)											
				Ferrissia Parallela											
				Ferrissia Rivularis											
				Laevapex Fuscus											
			Physidae	Physa (LPIL)											
				Physa Gyrina											
				Physa Heterostropha											
				Physa sp.B											
				Physidae (LPIL)											
		Lymnophila	Lymnaeidae	Lymnaea (LPIL)											
			Planorbidae	Gyraulus (LPIL)											
				Gyraulus Circumstriatus											
				Gyraulus Parvus											
				Planorbidae (LPIL)											
Arthropoda		Cladocera	Macrothricidae	Ilyocryptus (LPIL)											
	Arachnida	Acarina		Acarina (LPIL)											
		Hydracarina		Hydracarina (LPIL)							8	0	0	0	1
			Mideopsidae	Mideopsis sp.A											
			Sperchontidae	Sperchon (LPIL)											
				Sperchon sp.B							4	4	0	0	0
				Sperchon sp.D											

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S40	S40	S40	S40	S40	S45	S45	S45	S45	S45
					Replicate	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5
					Date	92/08/07	92/08/07	92/08/07	92/08/07	92/08/07	92/08/04	92/08/04	92/08/04	92/08/04	92/08/04
				Sperchontidae (LPIL)											
			Unionicolidae	Neumania (LPIL)							0	4	0	0	0
				Neumania sp.A							0	0	4	0	0
				Unionicola (LPIL)											
				Unionicolidae (LPIL)											
	Crustacea	Amphipoda	Gammaridae	Gammaridae (LPIL)							8	4	0	0	1
				Gammarus (LPIL)							8	16	24	0	16
				Gammarus cf. Fasciatus											
				Gammarus Tigrinus							36	40	20	4	10
		Isopoda	Asellidae	Asellidae (LPIL)											
				Caecidotea (LPIL)											
				Caecidotea Racovitzai											
				Caecidotea Racovitzai Racovitzai											
		Ostracoda		Ostracoda (LPIL)											
				Podocopa (LPIL)											
			Cypridae	Cypridae (LPIL)							4	0	0	0	0
			Cypridopsidae	Cypridopsidae (LPIL)											
				Cypridopsis (LPIL)											
				Cypridopsis sp.B											
	Hexapoda	Lepidoptera	Pyralidae	Acentria (LPIL)											
	Insecta	Coleoptera	Dytiscidae	Desmopachria (LPIL)											
			Elmidae	Dubiraphia (LPIL)											
				Elmidae (LPIL)											
				Macronychus (LPIL)											
				Promoresia (LPIL)											
				Stenelmis (LPIL)											
			Haliplidae	Haliplidae (LPIL)											
			Psephenidae	Ectopria (LPIL)											
			Staphylinidae	Staphylinidae (LPIL)											
		Collembola		Collembola (LPIL)											
			Entomobryidae	Entomobrya sp. A											
			Onychiuridae	Tullbergia (LPIL)											
		Diptera		Diptera (LPIL)											
			Blephariceridae	Blephariceridae (LPIL)											
			Ceratopogonidae	Ceratopogonidae (LPIL)											
			Chironomidae	Chironomidae (LPIL)							16	0	8	28	1
				Chironomidae Genus AM											
				Chironomidae Genus BG											
				Chironomidae Genus S											
				Chironomidae Genus U											
				Chironomus (LPIL)							84	92	84	56	28
				Cladopelma (LPIL)							4	0	0	8	2
				Cladotanytarsus (LPIL)							8	4	4	0	0
				Cricotopus (LPIL)							20	0	0	0	0
				CryptoChironomus (LPIL)											
				Dicrotendipes (LPIL)							20	0	0	4	0
				Djalmabatista (LPIL)											
				Einfeldia (LPIL)											
				Endochironomus Nigricans											
				Eukiefferiella (LPIL)											
				Glyptotendipes (LPIL)							4	0	0	0	1
				Microtendipes (LPIL)											
				Parachironomus (LPIL)							24	0	0	0	0
				Parachironomus Carinatus											
				Parachironomus Directus											
				ParaTanytarsus (LPIL)											
				Paratendipes (LPIL)											

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station Replicate Date	S40 REP1 92/08/07	S40 REP2 92/08/07	S40 REP3 92/08/07	S40 REP4 92/08/07	S40 REP5 92/08/07	S45 REP1 92/08/04	S45 REP2 92/08/04	S45 REP3 92/08/04	S45 REP4 92/08/04	S45 REP5 92/08/04
				Polypedilum (LPIL)							4	0	0	0	0
				Polypedilum Simulans Group											
				Procladius (LPIL)							4	0	0	0	0
				Prodiamesa (LPIL)											
				PsectroTanypus (LPIL)											
				PseudoChironomus (LPIL)											
				RheoTanytarsus (LPIL)											
				Tanypus (LPIL)											
				Tanypus Stellatus											
				Tanytarsus (LPIL)							60	76	20	28	13
				Tanytarsus sp. IV							80	92	136	68	15
				Tanytarsus sp.I											
			Culicidae	Chaoborus (LPIL)											
				Culicidae (LPIL)											
			Dolichopodidae	Dolichopodidae (LPIL)											
			Psychodidae	Pericoma (LPIL)											
				Psychoda alternata											
				Psychodidae (LPIL)											
				Psychoda (LPIL)											
			Tipulidae	Tipulidae (LPIL)											
		Ephemeroptera	Caenidae	Caenis (LPIL)											
		Hemiptera	Hebridae	Merragata (LPIL)											
		Megaloptera	Sialidae	Sialis (LPIL)											
		Odonata		Odonata (LPIL)											
			Coenagrionidae	Coenagrionidae (LPIL)											
		Trichoptera		Trichoptera (LPIL)											
			Hydroptilidae	Hydroptila (LPIL)											
			Leptoceridae	Oecetis (LPIL)											
Rhynchocoela				Rhynchocoela (LPIL)											

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	CR2	CR2	CR2	CR2	CR2	CR3	CR3	CR3	CR3	CR3	CR4	CR4	CR4	CR4
					Replicate	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4
					Date	92/07/26	92/07/26	92/07/26	92/07/26	92/07/26	92/07/25	92/07/25	92/07/25	92/07/25	92/07/25	92/07/25	92/07/25	92/07/25	92/07/25
Cnidaria				Hydrozoa (LPIL)															
Platyhelmenthes	Turbellaria			Turbellaria (LPIL)		0	4	8	5	15	4	0	1	0	0				
		Seriata	Planaridae	Dugesia (LPIL)															
				Dugesia Tigrina															
				Planariidae (LPIL)															
Annelida	Hirudinea	Rhynchobdellida	Glossiphoniidae	Helobdella Stagnalis															
	Oligochaeta			Oligochaeta (LPIL)															
		Tubificida	Naididae	Dero (LPIL)															
				Dero Digitata												4	6	10	0
				Naididae (LPIL)		0	1	3	3	2						4	2	0	4
			Tubificidae	Limnodrilus Cervix												2	10	0	0
				Limnodrilus Hoffmeisteri		1	3	3	3	1	16	16	33	20	20	12	18	6	14
				Limnodrilus (LPIL)															
				Tubificidae (LPIL)		7	32	37	121	50	356	328	278	212	172	92	134	157	134
Mollusca	Pelecypoda			Pelecypoda (LPIL)															
		Heterodonta	Dreissenidae	Dreissina Polymorpha															
				Mytilopsis Leucophaeata		0	0	4	0	0									
			Sphaeriidae	Sphaeriidae (LPIL)															
				Pisidium Compressum															
				Pisidium Dubium															
				Pisidium Nitidum															
				Pisidium Walkeri															
				Sphaerium (LPIL)															
				Sphaerium Corneum															
				Sphaerium Fabale															
				Sphaerium Nitidum															
				Sphaerium Patella															
				Sphaerium Rhomboideum															
	Gastropoda			Gastropoda (LPIL)		0	0	0	0	1									
		Mesogastropoda	Hydrobiidae	Amnicola Limosa															
		Basommatophora	Ancylidae	Ancylidae (LPIL)		0	0	0	1	0									
				Ferrissia (LPIL)															
				Ferrissia Parallela															
				Ferrissia Rivularis															
				Laevapex Fuscus															
			Physidae	Physa (LPIL)															
				Physa Gyrina															
				Physa Heterostropha															
				Physa sp.B															
				Physidae (LPIL)															
		Lymnophila	Lymnaeidae	Lymnaea (LPIL)															
			Planorbidae	Gyraulus (LPIL)															
				Gyraulus Circumstriatus															
				Gyraulus Parvus															
				Planorbidae (LPIL)															

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	CR2	CR2	CR2	CR2	CR2	CR3	CR3	CR3	CR3	CR3	CR4	CR4	CR4	CR4
					Replicate	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4
					Date	92/07/26	92/07/26	92/07/26	92/07/26	92/07/26	92/07/25	92/07/25	92/07/25	92/07/25	92/07/25	92/07/25	92/07/25	92/07/25	92/07/25
Arthropoda		Cladocera	Macrothricidae	Ilyocryptus (LPIL)		0	0	0	0	5						2	0	0	0
	Arachnida	Acarina		Acarina (LPIL)															
		Hydracarina		Hydracarina (LPIL)		0	0	0	0	1									
			Mideopsidae	Mideopsis sp.A															
			Sperchontidae	Sperchon (LPIL)		0	0	0	1	1									
				Sperchon sp.B		0	0	0	0	1									
				Sperchon sp.D		0	0	0	0	1									
				Sperchontidae (LPIL)															
			Unionicolidae	Neumania (LPIL)															
				Neumania sp.A															
				Unionicola (LPIL)															
				Unionicolidae (LPIL)															
	Crustacea	Amphipoda	Gammaridae	Gammaridae (LPIL)		0	0	0	1	0									
				Gammarus (LPIL)															
				Gammarus cf. Fasciatus															
				Gammarus Tigrinus		0	0	0	0	1	0	0	0	0	4				
		Isopoda	Asellidae	Asellidae (LPIL)															
				Caecidotea (LPIL)															
				Caecidotea Racovitzai															
				Caecidotea Racovitzai Racovitzai															
		Ostracoda		Ostracoda (LPIL)		0	0	0	0	1									
				Podocopa (LPIL)															
			Cypridae	Cypridae (LPIL)		0	0	1	1	1									
			Cypridopsidae	Cypridopsidae (LPIL)															
				Cypridopsis (LPIL)															
				Cypridopsis sp.B															
	Hexapoda	Lepidoptera	Pyralidae	Acentria (LPIL)															
	Insecta	Coleoptera	Dytiscidae	Desmopachria (LPIL)															
			Elmidae	Dubiraphia (LPIL)															
				Elmidae (LPIL)															
				Macronychus (LPIL)															
				Promoresia (LPIL)															
				Stenelmis (LPIL)															
			Haliplidae	Haliplidae (LPIL)															
			Psephenidae	Ectopria (LPIL)															
			Staphylinidae	Staphylinidae (LPIL)															
		Collembola		Collembola (LPIL)															
			Entomobryidae	Entomobrya sp. A															
			Onychiuridae	Tullbergia (LPIL)															

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	CR2	CR2	CR2	CR2	CR2	CR3	CR3	CR3	CR3	CR3	CR4	CR4	CR4	CR4
					Replicate	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4
					Date	92/07/26	92/07/26	92/07/26	92/07/26	92/07/26	92/07/25	92/07/25	92/07/25	92/07/25	92/07/25	92/07/25	92/07/25	92/07/25	92/07/25
		Diptera		Diptera (LPIL)															
			Blephariceridae	Blephariceridae (LPIL)															
			Ceratopogonidae	Ceratopogonidae (LPIL)															
			Chironomidae	Chironomidae (LPIL)		20	16	11	66	30	32	12	8	20	8	10	0	8	8
				Chironomidae Genus AM															
				Chironomidae Genus BG															
				Chironomidae Genus S		1	5	1	3	5									
				Chironomidae Genus U															
				Chironomus (LPIL)		1	3	1	5	6	8	12	24	20	20	18	16	16	12
				Cladopelma (LPIL)		0	1	0	0	2	12	20	5	0	0				
				Cladotanytarsus (LPIL)		12	7	10	33	40									
				Cricotopus (LPIL)		0	1	0	0	0									
				CryptoChironomus (LPIL)		0	2	2	3	18	8	0	2	0	0				
				Dicrotendipes (LPIL)		0	0	1	3	3									
				Djalmabatista (LPIL)							0	0	1	4	0				
				Einfeldia (LPIL)															
				Endochironomus Nigricans															
				Eukiefferiella (LPIL)															
				Glyptotendipes (LPIL)															
				Microtendipes (LPIL)															
				Parachironomus (LPIL)							0	4	0	0	4				
				Parachironomus Carinatus															
				Parachironomus Directus															
				ParaTanytarsus (LPIL)															
				Paratendipes (LPIL)															
				Polypedilum (LPIL)		1	8	2	7	31									
				Polypedilum Simulans Group		7	4	4	16	27	4	0	0	0	0				
				Procladius (LPIL)		4	2	4	8	10	32	16	14	24	4	0	0	0	0
				Prodiamesa (LPIL)															
				PsectroTanypus (LPIL)															
				PseudoChironomus (LPIL)		11	10	2	19	8									
				RheoTanytarsus (LPIL)															
				Tanypus (LPIL)															
				Tanypus Stellatus							4	0	1	4	0	4	2	0	0
				Tanytarsus (LPIL)		0	1	7	10	16									
				Tanytarsus sp. IV		1	1	2	2	2	4	0	0	8	0				
				Tanytarsus sp.I		0	0	0	2	0	4	4	2	0	0				
			Culicidae	Chaoborus (LPIL)												6	14	20	12
				Culicidae (LPIL)		0	0	0	0	1						6	2	10	2
			Dolichopodidae	Dolichopodidae (LPIL)															
			Psychodidae	Pericoma (LPIL)															
				Psychoda alternata															
				Psychodidae (LPIL)															
				Psychoda (LPIL)															
			Tipulidae	Tipulidae (LPIL)															
		Ephemeroptera	Caenidae	Caenis (LPIL)		0	2	1	4	5									
		Hemiptera	Hebridae	Merragata (LPIL)															
		Megaloptera	Sialidae	Sialis (LPIL)															
		Odonata		Odonata (LPIL)															
			Coenagrionidae	Coenagrionidae (LPIL)															
		Trichoptera		Trichoptera (LPIL)															
			Hydroptilidae	Hydroptila (LPIL)															
			Leptoceridae	Oecetis (LPIL)		0	0	0	3	1									
Rhynchocoela				Rhynchocoela (LPIL)															

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S46	S46	S46	S46	S46	S47	S47	S47	S47	S47	S48	S48	S48	S48
					Replicate	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4
					Date	92/08/04	92/08/04	92/08/04	92/08/04	92/08/04	92/07/24	92/07/24	92/07/24	92/07/24	92/07/24	92/07/24	92/07/24	92/07/24	92/07/24
Cnidaria				Hydrozoa (LPIL)															
Platyhelmenthes	Turbellaria			Turbellaria (LPIL)		3	0	0	0	0	0	1	2	2	5	1	0	0	0
		Seriata	Planaridae	Dugesia (LPIL)												0	0	3	4
				Dugesia Tigrina												1	0	0	0
				Planariidae (LPIL)															
Annelida	Hirudinea	Rhynchobdellida	Glossiphoniidae	Helobdella Stagnalis															
	Oligochaeta			Oligochaeta (LPIL)															
		Tubificida	Naididae	Dero (LPIL)															
				Dero Digitata		34	7	112	140	12	5	0	16	0	7				
				Naididae (LPIL)		8	2	32	100	0	0	0	16	5	0				
			Tubificidae	Limnodrilus Cervix		25	2	0	40	0									
				Limnodrilus Hoffmeisteri		235	38	156	216	16	56	65	39	42	57	5	0	0	3
				Limnodrilus (LPIL)							5	5	0	0	0				
				Tubificidae (LPIL)		479	151	1120	1304	232	436	464	662	503	657	26	2	0	4
Mollusca	Pelecypoda			Pelecypoda (LPIL)															
		Heterodonta	Dreissenidae	Dreissina Polymorpha															
				Mytilopsis Leucophaeata															
			Sphaeriidae	Sphaeriidae (LPIL)															
				Pisidium Compressum															
				PisidiumDubium															
				Pisidium Nitidum															
				Pisidium Walkeri															
				Sphaerium (LPIL)															
				Sphaerium Corneum															
				Sphaerium Fabale															
				Sphaerium Nitidum															
				Sphaerium Patella															
				Sphaerium Rhomboideum															
	Gastropoda			Gastropoda (LPIL)							0	0	0	0	1	0	0	0	1
		Mesogastropoda	Hydrobiidae	Amnicola Limosa															
		Basommatophora	Ancylidae	Ancylidae (LPIL)															
				Ferrissia (LPIL)															
				Ferrissia Parallela															
				Ferrissia Rivularis															
				Laevapex Fuscus															
			Physidae	Physa (LPIL)												3	0	2	0
				Physa Gyrina															
				Physa Heterostropha															
				Physa sp.B															
				Physidae (LPIL)															
		Lymnophila	Lymnaeidae	Lymnaea (LPIL)															
			Planorbidae	Gyraulus (LPIL)							1	2	0	0	0	2	0	2	0
				Gyraulus Circumstriatus															
				Gyraulus Parvus															
				Planorbidae (LPIL)							0	1	0	0	0				
Arthropoda		Cladocera	Macrothricidae	Ilyocryptus (LPIL)							0	5	24	7	13	0	0	2	0
	Arachnida	Acarina		Acarina (LPIL)							0	0	0	0	1				
		Hydracarina		Hydracarina (LPIL)															
			Mideopsidae	Mideopsis sp.A															
			Sperchontidae	Sperchon (LPIL)							0	0	1	0	0				
				Sperchon sp.B							0	1	0	0	0				
				Sperchon sp.D															

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S46	S46	S46	S46	S46	S47	S47	S47	S47	S47	S48	S48	S48	S48
					Replicate	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4
					Date	92/08/04	92/08/04	92/08/04	92/08/04	92/08/04	92/07/24	92/07/24	92/07/24	92/07/24	92/07/24	92/07/24	92/07/24	92/07/24	92/07/24
				Sperchontidae (LPIL)												1	0	0	0
			Unionicolidae	Neumania (LPIL)															
				Neumania sp.A		0	0	0	4	0									
				Unionicola (LPIL)															
				Unionicolidae (LPIL)															
	Crustacea	Amphipoda	Gammaridae	Gammaridae (LPIL)		1	0	0	4	0	0	1	0	0	0	38	6	14	0
				Gammarus (LPIL)		2	0	4	32	4	0	0	0	1	0	51	1	8	3
				Gammarus cf. Fasciatus															
				Gammarus Tigrinus		15	0	24	32	4	0	7	0	1	2	130	24	85	11
		Isopoda	Asellidae	Asellidae (LPIL)															
				Caecidotea (LPIL)															
				Caecidotea Racovitzai															
				Caecidotea Racovitzai Racovitzai															
		Ostracoda		Ostracoda (LPIL)												0	0	1	0
				Podocopa (LPIL)															
			Cypridae	Cypridae (LPIL)		10	0	0	0	0	0	0	1	0	1	13	0	38	1
			Cypridopsidae	Cypridopsidae (LPIL)															
				Cypridopsis (LPIL)															
				Cypridopsis sp.B															
	Hexapoda	Lepidoptera	Pyralidae	Acentria (LPIL)							0	1	2	1	2				
	Insecta	Coleoptera	Dytiscidae	Desmopachria (LPIL)															
			Elmidae	Dubiraphia (LPIL)															
				Elmidae (LPIL)															
				Macronychus (LPIL)															
				Promoresia (LPIL)															
				Stenelmis (LPIL)															
			Haliplidae	Haliplidae (LPIL)															
			Psephenidae	Ectopria (LPIL)															
			Staphylinidae	Staphylinidae (LPIL)															
		Collembola		Collembola (LPIL)															
			Entomobryidae	Entomobrya sp. A															
			Onychiuridae	Tullbergia (LPIL)															
		Diptera		Diptera (LPIL)															
			Blephariceridae	Blephariceridae (LPIL)															
			Ceratopogonidae	Ceratopogonidae (LPIL)															
			Chironomidae	Chironomidae (LPIL)		37	3	60	52	12	6	18	4	6	0	4	6	11	3
				Chironomidae Genus AM															
				Chironomidae Genus BG															
				Chironomidae Genus S															
				Chironomidae Genus U							1	23	0	3	3				
				Chironomus (LPIL)		120	16	71	285	20	6	3	17	39	50	35	18	181	4
				Cladopelma (LPIL)		43	3	28	72	16	0	0	3	0	0	15	18	25	1
				Cladotanytarsus (LPIL)		0	0	0	0	4									
				Cricotopus (LPIL)							10	88	1	43	2	0	2	0	0
				CryptoChironomus (LPIL)															
				Dicrotendipes (LPIL)		3	2	0	8	0	1	7	0	5	0	11	4	19	4
				Djalmabatista (LPIL)															
				Einfeldia (LPIL)							1	16	18	3	0				
				Endochironomus Nigricans															
				Eukiefferiella (LPIL)															
				Glyptotendipes (LPIL)		0	0	4	0	0						68	44	71	8
				Microtendipes (LPIL)															
				Parachironomus (LPIL)		0	0	0	8	0	4	34	0	2	1	2	0	5	0
				Parachironomus Carinatus															
				Parachironomus Directus															
				ParaTanytarsus (LPIL)															
				Paratendipes (LPIL)															

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S46	S46	S46	S46	S46	S47	S47	S47	S47	S47	S48	S48	S48	S48
					Replicate	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4
					Date	92/08/04	92/08/04	92/08/04	92/08/04	92/08/04	92/07/24	92/07/24	92/07/24	92/07/24	92/07/24	92/07/24	92/07/24	92/07/24	92/07/24
				Polypedilum (LPIL)		3	0	12	0	0						0	0	5	0
				Polypedilum Simulans Group		0	0	4	0	0									
				Procladius (LPIL)		0	0	0	12	0									
				Prodiamesa (LPIL)															
				PsectroTanypus (LPIL)															
				PseudoChironomus (LPIL)							0	0	3	0	0	0	8	0	0
				RheoTanytarsus (LPIL)												0	0	10	0
				Tanypus (LPIL)															
				Tanypus Stellatus							0	2	0	0	0				
				Tanytarsus (LPIL)		72	2	60	128	16						5	14	13	7
				Tanytarsus sp. IV		34	2	40	84	16						34	38	167	1
				Tanytarsus sp.I															
			Culicidae	Chaoborus (LPIL)															
				Culicidae (LPIL)															
			Dolichopodidae	Dolichopodidae (LPIL)															
			Psychodidae	Pericoma (LPIL)															
				Psychoda alternata															
				Psychodidae (LPIL)															
				Psychoda (LPIL)															
			Tipulidae	Tipulidae (LPIL)							0	1	0	0	0				
		Ephemeroptera	Caenidae	Caenis (LPIL)															
		Hemiptera	Hebridae	Merragata (LPIL)															
		Megaloptera	Sialidae	Sialis (LPIL)															
		Odonata		Odonata (LPIL)												0	1	0	0
			Coenagrionidae	Coenagrionidae (LPIL)							0	2	0	0	0				
		Trichoptera		Trichoptera (LPIL)															
			Hydroptilidae	Hydroptila (LPIL)															
			Leptoceridae	Oecetis (LPIL)															
Rhynchocoela				Rhynchocoela (LPIL)															

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station Replicate Date	CR4 REP5 92/07/25	CR5 REP1 92/07/26	CR5 REP2 92/07/26	CR5 REP3 92/07/26	CR5 REP4 92/07/26	CR5 REP5 92/07/26	CR6 REP1 92/07/24	CR6 REP2 92/07/24	CR6 REP3 92/07/24	CR6 REP4 92/07/24	CR6 REP5 92/07/24	CR7 REP1 92/07/24	CR7 REP2 92/07/24
Cnidaria				Hydrozoa (LPIL)														
Platyhelmenthes	Turbellaria			Turbellaria (LPIL)								4	8	12	4	7	4	11
		Seriata	Planaridae	Dugesia (LPIL)														
				Dugesia Tigrina														
				Planariidae (LPIL)														
Annelida	Hirudinea	Rhynchobdellida	Glossiphoniidae	Helobdella Stagnalis														
	Oligochaeta			Oligochaeta (LPIL)														
		Tubificida	Naididae	Dero (LPIL)														
				Dero Digitata		3												
				Naididae (LPIL)		5	0	4	4	0	0						0	0
			Tubificidae	Limnodrilus Cervix		13	6	2	4	4	1							
				Limnodrilus Hoffmeisteri		5	1	5	2	0	2	20	8	4	4	2	4	21
				Limnodrilus (LPIL)														
				Tubificidae (LPIL)		200	15	54	54	10	25	252	108	156	92	154	324	177
Mollusca	Pelecypoda			Pelecypoda (LPIL)														
		Heterodonta	Dreissenidae	Dreissina Polymorpha														
				Mytilopsis Leucophaeata														
			Sphaeriidae	Sphaeriidae (LPIL)														
				Pisidium Compressum														
				Pisidium Dubium														
				Pisidium Nitidum														
				Pisidium Walkeri														
				Sphaerium (LPIL)													1	0
				Sphaerium Corneum														
				Sphaerium Fabale														
				Sphaerium Nitidum														
				Sphaerium Patella														
				Sphaerium Rhomboideum														
	Gastropoda			Gastropoda (LPIL)														
		Mesogastropoda	Hydrobiidae	Amnicola Limosa														
		Basommatophora	Ancylidae	Ancylidae (LPIL)														
				Ferrissia (LPIL)														
				Ferrissia Parallela														
				Ferrissia Rivularis														
				Laevapex Fuscus														
			Physidae	Physa (LPIL)														
				Physa Gyrina														
				Physa Heterostropha														
				Physa sp.B														
				Physidae (LPIL)														
		Lymnophila	Lymnaeidae	Lymnaea (LPIL)														
			Planorbidae	Gyraulus (LPIL)														
				Gyraulus Circumstriatus														
				Gyraulus Parvus														
				Planorbidae (LPIL)														

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	CR4	CR5	CR5	CR5	CR5	CR5	CR6	CR6	CR6	CR6	CR6	CR7	CR7
					Replicate	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2
					Date	92/07/25	92/07/26	92/07/26	92/07/26	92/07/26	92/07/26	92/07/24	92/07/24	92/07/24	92/07/24	92/07/24	92/07/24	92/07/24
Arthropoda		Cladocera	Macrothricidae	Ilyocryptus (LPIL)		0											8	0
	Arachnida	Acarina		Acarina (LPIL)														
		Hydracarina		Hydracarina (LPIL)														
			Mideopsidae	Mideopsis sp.A														
			Sperchontidae	Sperchon (LPIL)													0	0
				Sperchon sp.B													0	0
				Sperchon sp.D														
				Sperchontidae (LPIL)														
			Unionicolidae	Neumania (LPIL)														
				Neumania sp.A													2	3
				Unionicola (LPIL)														
				Unionicolidae (LPIL)														
	Crustacea	Amphipoda	Gammaridae	Gammaridae (LPIL)								0	0	0	0	1	0	1
				Gammarus (LPIL)														
				Gammarus cf. Fasciatus														
				Gammarus Tigrinus								0	0	0	0	2	4	1
		Isopoda	Asellidae	Asellidae (LPIL)														
				Caecidotea (LPIL)														
				Caecidotea Racovitzai														
				Caecidotea Racovitzai Racovitzai														
		Ostracoda		Ostracoda (LPIL)								0	0	0	0	1	0	1
				Podocopa (LPIL)														
			Cypridae	Cypridae (LPIL)								0	0	0	0	1		
			Cypridopsidae	Cypridopsidae (LPIL)														
				Cypridopsis (LPIL)														
				Cypridopsis sp.B														
	Hexapoda	Lepidoptera	Pyralidae	Acentria (LPIL)														
	Insecta	Coleoptera	Dytiscidae	Desmopachria (LPIL)														
			Elmidae	Dubiraphia (LPIL)														
				Elmidae (LPIL)														
				Macronychus (LPIL)														
				Promoresia (LPIL)														
				Stenelmis (LPIL)														
			Haliplidae	Haliplidae (LPIL)														
			Psephenidae	Ectopria (LPIL)														
			Staphylinidae	Staphylinidae (LPIL)														
		Collembola		Collembola (LPIL)														
			Entomobryidae	Entomobrya sp. A														
			Onychiuridae	Tullbergia (LPIL)														

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	CR4	CR5	CR5	CR5	CR5	CR5	CR6	CR6	CR6	CR6	CR6	CR7	CR7
					Replicate	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2
					Date	92/07/25	92/07/26	92/07/26	92/07/26	92/07/26	92/07/26	92/07/24	92/07/24	92/07/24	92/07/24	92/07/24	92/07/24	92/07/24
		Diptera		Diptera (LPIL)														
			Blephariceridae	Blephariceridae (LPIL)														
			Ceratopogonidae	Ceratopogonidae (LPIL)														
			Chironomidae	Chironomidae (LPIL)		0						28	32	24	16	25	60	24
				Chironomidae Genus AM														
				Chironomidae Genus BG														
				Chironomidae Genus S														
				Chironomidae Genus U														
				Chironomus (LPIL)		23	1	0	0	0	0	16	16	16	8	4	16	12
				Cladopelma (LPIL)								0	0	0	4	2	0	0
				Cladotanytarsus (LPIL)													8	2
				Cricotopus (LPIL)														
				CryptoChironomus (LPIL)													32	6
				Dicrotendipes (LPIL)														
				Djalmabatista (LPIL)														
				Einfeldia (LPIL)														
				Endochironomus Nigricans														
				Eukiefferiella (LPIL)														
				Glyptotendipes (LPIL)														
				Microtendipes (LPIL)														
				Parachironomus (LPIL)								0	0	0	0	1		
				Parachironomus Carinatus														
				Parachironomus Directus														
				ParaTanytarsus (LPIL)														
				Paratendipes (LPIL)														
				Polypedilum (LPIL)													100	66
				Polypedilum Simulans Group														
				Procladius (LPIL)		2						16	8	12	8	45	4	1
				Prodiamesa (LPIL)														
				PsectroTanypus (LPIL)														
				PseudoChironomus (LPIL)														
				RheoTanytarsus (LPIL)														
				Tanypus (LPIL)														
				Tanypus Stellatus		0												
				Tanytarsus (LPIL)								0	0	8	0	7	4	1
				Tanytarsus sp. IV								0	4	0	0	3	8	6
				Tanytarsus sp.I								0	0	0	0	2		
			Culicidae	Chaoborus (LPIL)		27	18	8	5	0	6						0	1
				Culicidae (LPIL)		5	1	1	1	0	0						0	1
			Dolichopodidae	Dolichopodidae (LPIL)														
			Psychodidae	Pericoma (LPIL)														
				Psychoda alternata														
				Psychodidae (LPIL)														
				Psychoda (LPIL)														
			Tipulidae	Tipulidae (LPIL)														
		Ephemeroptera	Caenidae	Caenis (LPIL)													0	1
		Hemiptera	Hebridae	Merragata (LPIL)														
		Megaloptera	Sialidae	Sialis (LPIL)														
		Odonata		Odonata (LPIL)														
			Coenagrionidae	Coenagrionidae (LPIL)														
		Trichoptera		Trichoptera (LPIL)														
			Hydroptilidae	Hydroptila (LPIL)														
			Leptoceridae	Oecetis (LPIL)														
Rhynchocoela				Rhynchocoela (LPIL)														

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S48	S5	S5	S5	S5	S5	S51	S51	S51	S51	S51	S53	S53
					Replicate	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2
					Date	92/07/24	92/07/30	92/07/30	92/07/30	92/07/30	92/07/30	92/08/07	92/08/07	92/08/07	92/08/07	92/08/07	92/07/27	92/07/27
Cnidaria				Hydrozoa (LPIL)														
Platyhelmenthes	Turbellaria			Turbellaria (LPIL)		0											0	4
		Seriata	Planaridae	Dugesia (LPIL)		0											1	0
				Dugesia Tigrina		2												
				Planariidae (LPIL)														
Annelida	Hirudinea	Rhynchobdellida	Glossiphoniidae	Helobdella Stagnalis														
	Oligochaeta			Oligochaeta (LPIL)														
		Tubificida	Naididae	Dero (LPIL)														
				Dero Digitata			0	0	0	8	10						0	0
				Naididae (LPIL)			10	0	4	8	0						0	0
			Tubificidae	Limnodrilus Cervix			0	0	2	0	0	1	0	0	0	0		
				Limnodrilus Hoffmeisteri		34	28	4	22	62	42	0	0	1	0	0	5	0
				Limnodrilus (LPIL)														
				Tubificidae (LPIL)		286	315	116	185	306	440	1	0	1	0	1	12	4
Mollusca	Pelecypoda			Pelecypoda (LPIL)														
		Heterodonta	Dreissenidae	Dreissina Polymorpha														
				Mytilopsis Leucophaeata														
			Sphaeriidae	Sphaeriidae (LPIL)														
				Pisidium Compressum														
				PisidiumDubium														
				Pisidium Nitidum														
				Pisidium Walkeri														
				Sphaerium (LPIL)														
				Sphaerium Corneum														
				Sphaerium Fabale														
				Sphaerium Nitidum														
				Sphaerium Patella														
				Sphaerium Rhomboideum														
	Gastropoda			Gastropoda (LPIL)		0											1	0
		Mesogastropoda	Hydrobiidae	Amnicola Limosa														
		Basommatophora	Ancylidae	Ancylidae (LPIL)														
				Ferrissia (LPIL)														
				Ferrissia Parallela														
				Ferrissia Rivularis														
				Laevapex Fuscus														
			Physidae	Physa (LPIL)		0												
				Physa Gyrina													1	0
				Physa Heterostropha														
				Physa sp.B														
				Physidae (LPIL)														
		Lymnophila	Lymnaeidae	Lymnaea (LPIL)														
			Planorbidae	Gyraulus (LPIL)		1												
				Gyraulus Circumstriatus													0	0
				Gyraulus Parvus														
				Planorbidae (LPIL)														
Arthropoda		Cladocera	Macrothricidae	Ilyocryptus (LPIL)		0												
	Arachnida	Acarina		Acarina (LPIL)														
		Hydracarina		Hydracarina (LPIL)														
			Mideopsidae	Mideopsis sp.A														
			Sperchontidae	Sperchon (LPIL)														
				Sperchon sp.B														
				Sperchon sp.D														

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S48	S5	S5	S5	S5	S5	S51	S51	S51	S51	S51	S53	S53
					Replicate	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2
					Date	92/07/24	92/07/30	92/07/30	92/07/30	92/07/30	92/07/30	92/08/07	92/08/07	92/08/07	92/08/07	92/08/07	92/07/27	92/07/27
				Sperchontidae (LPIL)		0												
			Unionicolidae	Neumania (LPIL)														
				Neumania sp.A														
				Unionicola (LPIL)														
				Unionicolidae (LPIL)														
	Crustacea	Amphipoda	Gammaridae	Gammaridae (LPIL)		6											18	12
				Gammarus (LPIL)		10											10	12
				Gammarus cf. Fasciatus														
				Gammarus Tigrinus		20											90	36
		Isopoda	Asellidae	Asellidae (LPIL)														
				Caecidotea (LPIL)														
				Caecidotea Racovitzai														
				Caecidotea Racovitzai Racovitzai														
		Ostracoda		Ostracoda (LPIL)		0											0	0
				Podocopa (LPIL)														
			Cypridae	Cypridae (LPIL)		7											0	8
			Cypridopsidae	Cypridopsidae (LPIL)														
				Cypridopsis (LPIL)														
				Cypridopsis sp.B														
	Hexapoda	Lepidoptera	Pyralidae	Acentria (LPIL)														
	Insecta	Coleoptera	Dytiscidae	Desmopachria (LPIL)														
			Elmidae	Dubiraphia (LPIL)														
				Elmidae (LPIL)														
				Macronychus (LPIL)														
				Promoresia (LPIL)														
				Stenelmis (LPIL)														
			Haliplidae	Haliplidae (LPIL)														
			Psephenidae	Ectopria (LPIL)														
			Staphylinidae	Staphylinidae (LPIL)														
		Collembola		Collembola (LPIL)														
			Entomobryidae	Entomobrya sp. A														
			Onychiuridae	Tullbergia (LPIL)														
		Diptera		Diptera (LPIL)														
			Blephariceridae	Blephariceridae (LPIL)														
			Ceratopogonidae	Ceratopogonidae (LPIL)														
			Chironomidae	Chironomidae (LPIL)		13	24	12	72	32	30						98	8
				Chironomidae Genus AM														
				Chironomidae Genus BG														
				Chironomidae Genus S			0	0	1	0	0							
				Chironomidae Genus U														
				Chironomus (LPIL)		71	38	42	73	54	62						179	76
				Cladopelma (LPIL)		12											0	8
				Cladotanytarsus (LPIL)													12	16
				Cricotopus (LPIL)		2	18	0	19	8	36							
				CryptoChironomus (LPIL)														
				Dicrotendipes (LPIL)		13	6	0	25	28	22						0	0
				Djalmabatista (LPIL)														
				Einfeldia (LPIL)														
				Endochironomus Nigricans														
				Eukiefferiella (LPIL)														
				Glyptotendipes (LPIL)		47	26	0	45	30	16						54	20
				Microtendipes (LPIL)														
				Parachironomus (LPIL)		0	2	0	0	0	0							
				Parachironomus Carinatus													0	0
				Parachironomus Directus														
				ParaTanytarsus (LPIL)														
				Paratendipes (LPIL)														

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S48	S5	S5	S5	S5	S5	S51	S51	S51	S51	S51	S53	S53
					Replicate	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2
					Date	92/07/24	92/07/30	92/07/30	92/07/30	92/07/30	92/07/30	92/08/07	92/08/07	92/08/07	92/08/07	92/08/07	92/07/27	92/07/27
				Polypedilum (LPIL)		0												
				Polypedilum Simulans Group														
				Procladius (LPIL)														
				Prodiamesa (LPIL)														
				PsectroTanypus (LPIL)														
				PseudoChironomus (LPIL)		0												
				RheoTanytarsus (LPIL)		14												
				Tanypus (LPIL)														
				Tanypus Stellatus														
				Tanytarsus (LPIL)		7											23	12
				Tanytarsus sp. IV		57											37	44
				Tanytarsus sp.I													8	12
			Culicidae	Chaoborus (LPIL)														
				Culicidae (LPIL)														
			Dolichopodidae	Dolichopodidae (LPIL)														
			Psychodidae	Pericoma (LPIL)														
				Psychoda alternata														
				Psychodidae (LPIL)													1	0
				Psychoda (LPIL)														
			Tipulidae	Tipulidae (LPIL)														
		Ephemeroptera	Caenidae	Caenis (LPIL)														
		Hemiptera	Hebridae	Merragata (LPIL)														
		Megaloptera	Sialidae	Sialis (LPIL)														
		Odonata		Odonata (LPIL)		0												
			Coenagrionidae	Coenagrionidae (LPIL)														
		Trichoptera		Trichoptera (LPIL)														
			Hydroptilidae	Hydroptila (LPIL)														
			Leptoceridae	Oecetis (LPIL)														
Rhynchocoela				Rhynchocoela (LPIL)														

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station Replicate Date	CR7 REP3 92/07/24	CR7 REP4 92/07/24	CR7 REP5 92/07/24	CR8 REP1 92/07/29	CR8 REP2 92/07/29	CR8 REP3 92/07/29	CR8 REP4 92/07/29	CR8 REP5 92/07/29	CR9 REP1 92/07/29	CR9 REP2 92/07/29	CR9 REP3 92/07/29
Cnidaria				Hydrozoa (LPIL)												
Platyhelmenthes	Turbellaria			Turbellaria (LPIL)		8	20	16	24	80	9	36	36	0	8	28
		Seriata	Planaridae	Dugesia (LPIL)												
				Dugesia Tigrina												
				Planariidae (LPIL)												
Annelida	Hirudinea	Rhynchobdellida	Glossiphoniidae	Helobdella Stagnalis												
	Oligochaeta			Oligochaeta (LPIL)												
		Tubificida	Naididae	Dero (LPIL)												
				Dero Digitata										7	0	0
				Naididae (LPIL)		0	0	4	8	0	3	16	16	16	4	12
			Tubificidae	Limnodrilus Cervix												
				Limnodrilus Hoffmeisteri		8	32	20	24	72	3	12	8	11	12	28
				Limnodrilus (LPIL)												
				Tubificidae (LPIL)		172	248	164	244	568	64	316	297	41	132	240
Mollusca	Pelecypoda			Pelecypoda (LPIL)												
		Heterodonta	Dreissenidae	Dreissina Polymorpha					0	40	0	4	12	13	12	36
				Mytilopsis Leucophaeata												
			Sphaeriidae	Sphaeriidae (LPIL)												
				Pisidium Compressum												
				Pisidium Dubium												
				Pisidium Nitidum												
				Pisidium Walkeri					0	0	0	4	0			
				Sphaerium (LPIL)		0	0	0								
				Sphaerium Corneum					0	4	0	0	12			
				Sphaerium Fabale												
				Sphaerium Nitidum												
				Sphaerium Patella												
				Sphaerium Rhomboideum												
	Gastropoda			Gastropoda (LPIL)					0	0	0	0	4	0	0	4
		Mesogastropoda	Hydrobiidae	Amnicola Limosa					0	4	0	0	0			
		Basommatophora	Ancylidae	Ancylidae (LPIL)												
				Ferrissia (LPIL)												
				Ferrissia Parallela										0	0	0
				Ferrissia Rivularis												
				Laevapex Fuscus										0	0	8
			Physidae	Physa (LPIL)												
				Physa Gyrina												
				Physa Heterostropha												
				Physa sp.B												
				Physidae (LPIL)												
		Lymnophila	Lymnaeidae	Lymnaea (LPIL)												
			Planorbidae	Gyraulus (LPIL)												
				Gyraulus Circumstriatus												
				Gyraulus Parvus												
				Planorbidae (LPIL)												

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	CR7	CR7	CR7	CR8	CR8	CR8	CR8	CR8	CR9	CR9	CR9
					Replicate	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3
					Date	92/07/24	92/07/24	92/07/24	92/07/29	92/07/29	92/07/29	92/07/29	92/07/29	92/07/29	92/07/29	92/07/29
Arthropoda		Cladocera	Macrothricidae	Ilyocryptus (LPIL)		0	28	0								
	Arachnida	Acarina		Acarina (LPIL)												
		Hydracarina		Hydracarina (LPIL)										0	0	4
			Mideopsidae	Mideopsis sp.A												
			Sperchontidae	Sperchon (LPIL)		0	4	0						0	0	4
				Sperchon sp.B		0	4	0						0	0	0
				Sperchon sp.D										0	0	0
				Sperchontidae (LPIL)												
			Unionicolidae	Neumania (LPIL)												
				Neumania sp.A		0	0	0								
				Unionicola (LPIL)												
				Unionicolidae (LPIL)										0	0	0
	Crustacea	Amphipoda	Gammaridae	Gammaridae (LPIL)		0	0	0						0	0	0
				Gammarus (LPIL)										3	0	0
				Gammarus cf. Fasciatus												
				Gammarus Tigrinus		0	0	0						6	0	4
		Isopoda	Asellidae	Asellidae (LPIL)												
				Caecidotea (LPIL)												
				Caecidotea Racovitzai												
				Caecidotea Racovitzai Racovitzai												
		Ostracoda		Ostracoda (LPIL)		0	0	0	0	4	0	0	0			
				Podocopa (LPIL)												
			Cypridae	Cypridae (LPIL)												
			Cypridopsidae	Cypridopsidae (LPIL)												
				Cypridopsis (LPIL)												
				Cypridopsis sp.B												
	Hexapoda	Lepidoptera	Pyralidae	Acentria (LPIL)										8	0	0
	Insecta	Coleoptera	Dytiscidae	Desmopachria (LPIL)												
			Elmidae	Dubiraphia (LPIL)												
				Elmidae (LPIL)												
				Macronychus (LPIL)												
				Promoresia (LPIL)												
				Stenelmis (LPIL)												
			Haliplidae	Haliplidae (LPIL)												
			Psephenidae	Ectopria (LPIL)												
			Staphylinidae	Staphylinidae (LPIL)												
		Collembola		Collembola (LPIL)												
			Entomobryidae	Entomobrya sp. A												
			Onychiuridae	Tullbergia (LPIL)												

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	CR7	CR7	CR7	CR8	CR8	CR8	CR8	CR8	CR9	CR9	CR9
					Replicate	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3
					Date	92/07/24	92/07/24	92/07/24	92/07/29	92/07/29	92/07/29	92/07/29	92/07/29	92/07/29	92/07/29	92/07/29
		Diptera		Diptera (LPIL)												
			Blephariceridae	Blephariceridae (LPIL)										0	0	0
			Ceratopogonidae	Ceratopogonidae (LPIL)												
			Chironomidae	Chironomidae (LPIL)		56	28	64	16	32	2	16	28	15	32	16
				Chironomidae Genus AM												
				Chironomidae Genus BG												
				Chironomidae Genus S										3	4	0
				Chironomidae Genus U												
				Chironomus (LPIL)		12	32	16	4	4	0	0	0	7	4	4
				Cladopelma (LPIL)		4	4	4	0	4	0	0	0	1	4	12
				Cladotanytarsus (LPIL)		0	4	0	60	32	8	32	29	14	60	28
				Cricotopus (LPIL)										13	0	8
				CryptoChironomus (LPIL)		0	0	8	12	16	2	4	8	18	16	12
				Dicrotendipes (LPIL)										9	0	20
				Djalmabatista (LPIL)					0	4	0	0	0	1	0	0
				Einfeldia (LPIL)												
				Endochironomus Nigricans										1	0	0
				Eukiefferiella (LPIL)												
				Glyptotendipes (LPIL)										4	0	4
				Microtendipes (LPIL)												
				Parachironomus (LPIL)					0	0	0	0	4			
				Parachironomus Carinatus												
				Parachironomus Directus												
				ParaTanytarsus (LPIL)												
				Paratendipes (LPIL)												
				Polypedilum (LPIL)		56	96	40	0	8	2	8	4	2	4	0
				Polypedilum Simulans Group					0	0	0	0	12	2	4	0
				Procladius (LPIL)		4	4	0	12	32	0	4	12	0	4	4
				Prodiamesa (LPIL)												
				PsectroTanypus (LPIL)												
				PseudoChironomus (LPIL)					0	0	0	4	4			
				RheoTanytarsus (LPIL)												
				Tanypus (LPIL)												
				Tanypus Stellatus												
				Tanytarsus (LPIL)		4	12	0	28	36	7	8	20	5	4	0
				Tanytarsus sp. IV		0	8	0	28	64	3	36	72	7	8	12
				Tanytarsus sp.I					4	0	1	4	4	1	8	0
			Culicidae	Chaoborus (LPIL)		0	0	0								
				Culicidae (LPIL)		0	0	0								
			Dolichopodidae	Dolichopodidae (LPIL)												
			Psychodidae	Pericoma (LPIL)												
				Psychoda alternata												
				Psychodidae (LPIL)												
				Psychoda (LPIL)												
			Tipulidae	Tipulidae (LPIL)												
		Ephemeroptera	Caenidae	Caenis (LPIL)		0	0	0								
		Hemiptera	Hebridae	Merragata (LPIL)												
		Megaloptera	Sialidae	Sialis (LPIL)												
		Odonata		Odonata (LPIL)												
			Coenagrionidae	Coenagrionidae (LPIL)												
		Trichoptera		Trichoptera (LPIL)										1	0	0
			Hydroptilidae	Hydroptila (LPIL)										0	0	8
			Leptoceridae	Oecetis (LPIL)												
Rhynchocoela				Rhynchocoela (LPIL)												

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station Replicate Date	S53 REP3 92/07/27	S53 REP4 92/07/27	S53 REP5 92/07/27	S54 REP1 92/07/23	S54 REP2 92/07/23	S54 REP3 92/07/23	S54 REP4 92/07/23	S54 REP5 92/07/23	S55 REP1 92/07/23	S55 REP2 92/07/23	S55 REP3 92/07/23
Cnidaria				Hydrozoa (LPIL)												
Platyhelmenthes	Turbellaria			Turbellaria (LPIL)		7	0	0	3	0	13	3	1			
		Seriata	Planaridae	Dugesia (LPIL)		0	0	8	0	0	18	0	0			
				Dugesia Tigrina					0	0	7	0	0			
				Planariidae (LPIL)												
Annelida	Hirudinea	Rhynchobdellida	Glossiphoniidae	Helobdella Stagnalis												
	Oligochaeta			Oligochaeta (LPIL)												
		Tubificida	Naididae	Dero (LPIL)										3	0	0
				Dero Digitata		4	0	0	7	0	0	9	0	15	5	56
				Naididae (LPIL)		12	0	8	2	2	0	0	0	9	8	143
			Tubificidae	Limnodrilus Cervix					0	0	0	9	2	0	0	0
				Limnodrilus Hoffmeisteri		4	0	12	2	4	128	60	9	15	1	32
				Limnodrilus (LPIL)										0	0	0
				Tubificidae (LPIL)		116	28	72	145	57	683	723	44	251	67	263
Mollusca	Pelecypoda			Pelecypoda (LPIL)												
		Heterodonta	Dreissenidae	Dreissina Polymorpha					0	0	0	0	1			
				Mytilopsis Leucophaeata												
			Sphaeriidae	Sphaeriidae (LPIL)												
				Pisidium Compressum												
				PisidiumDubium												
				Pisidium Nitidum												
				Pisidium Walkeri												
				Sphaerium (LPIL)												
				Sphaerium Corneum												
				Sphaerium Fabale												
				Sphaerium Nitidum												
				Sphaerium Patella												
				Sphaerium Rhomboideum												
	Gastropoda			Gastropoda (LPIL)		0	0	0	0	0	0	0	2			
		Mesogastropoda	Hydrobiidae	Amnicola Limosa												
		Basommatophora	Ancylidae	Ancylidae (LPIL)												
				Ferrissia (LPIL)												
				Ferrissia Parallela												
				Ferrissia Rivularis												
				Laevapex Fuscus												
			Physidae	Physa (LPIL)					0	0	2	0	0			
				Physa Gyrina		0	0	0								
				Physa Heterostropha												
				Physa sp.B					0	0	0	0	7			
				Physidae (LPIL)					0	0	0	0	1			
		Lymnophila	Lymnaeidae	Lymnaea (LPIL)												
			Planorbidae	Gyraulus (LPIL)					0	0	0	0	2			
				Gyraulus Circumstriatus		0	0	1								
				Gyraulus Parvus												
				Planorbidae (LPIL)												
Arthropoda		Cladocera	Macrothricidae	Ilyocryptus (LPIL)										1	0	1
	Arachnida	Acarina		Acarina (LPIL)												
		Hydracarina		Hydracarina (LPIL)												
			Mideopsidae	Mideopsis sp.A												
			Sperchontidae	Sperchon (LPIL)					0	0	2	0	0			
				Sperchon sp.B												
				Sperchon sp.D												

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S53	S53	S53	S54	S54	S54	S54	S54	S55	S55	S55
					Replicate	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3
					Date	92/07/27	92/07/27	92/07/27	92/07/23	92/07/23	92/07/23	92/07/23	92/07/23	92/07/23	92/07/23	92/07/23
				Sperchontidae (LPIL)												
			Unionicolidae	Neumania (LPIL)												
				Neumania sp.A												
				Unionicola (LPIL)												
				Unionicolidae (LPIL)												
	Crustacea	Amphipoda	Gammaridae	Gammaridae (LPIL)		8	12	12	2	1	11	0	0			
				Gammarus (LPIL)		4	4	12	2	0	0	0	1			
				Gammarus cf. Fasciatus												
				Gammarus Tigrinus		4	36	44	10	2	24	10	11			
		Isopoda	Asellidae	Asellidae (LPIL)												
				Caecidotea (LPIL)												
				Caecidotea Racovitzai												
				Caecidotea Racovitzai Racovitzai												
		Ostracoda		Ostracoda (LPIL)		0	0	4								
				Podocopa (LPIL)												
			Cypridae	Cypridae (LPIL)		8	0	0	0	0	0	7	0			
			Cypridopsidae	Cypridopsidae (LPIL)												
				Cypridopsis (LPIL)												
				Cypridopsis sp.B												
	Hexapoda	Lepidoptera	Pyralidae	Acentria (LPIL)												
	Insecta	Coleoptera	Dytiscidae	Desmopachria (LPIL)												
			Elmidae	Dubiraphia (LPIL)												
				Elmidae (LPIL)												
				Macronychus (LPIL)												
				Promoresia (LPIL)												
				Stenelmis (LPIL)												
			Haliplidae	Haliplidae (LPIL)												
			Psephenidae	Ectopria (LPIL)												
			Staphylinidae	Staphylinidae (LPIL)												
		Collembola		Collembola (LPIL)												
			Entomobryidae	Entomobrya sp. A												
			Onychiuridae	Tullbergia (LPIL)												
		Diptera		Diptera (LPIL)												
			Blephariceridae	Blephariceridae (LPIL)												
			Ceratopogonidae	Ceratopogonidae (LPIL)												
			Chironomidae	Chironomidae (LPIL)		12	20	188	0	4	4	9	3	2	0	0
				Chironomidae Genus AM					0	0	2	0	0			
				Chironomidae Genus BG												
				Chironomidae Genus S												
				Chironomidae Genus U												
				Chironomus (LPIL)		104	116	336	8	14	38	5	2	40	9	33
				Cladopelma (LPIL)		0	0	8	5	6	20	2	1			
				Cladotanytarsus (LPIL)		8	20	40	0	0	3	5	0			
				Cricotopus (LPIL)												
				CryptoChironomus (LPIL)					0	0	0	0	1			
				Dicrotendipes (LPIL)		4	12	8	0	0	0	4	1			
				Djalmabatista (LPIL)												
				Einfeldia (LPIL)												
				Endochironomus Nigricans												
				Eukiefferiella (LPIL)												
				Glyptotendipes (LPIL)		8	20	76						1	0	0
				Microtendipes (LPIL)												
				Parachironomus (LPIL)					0	0	0	0	3	0	0	1
				Parachironomus Carinatus		4	0	0								
				Parachironomus Directus												
				ParaTanytarsus (LPIL)												
				Paratendipes (LPIL)												

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S53	S53	S53	S54	S54	S54	S54	S54	S55	S55	S55
					Replicate	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3
					Date	92/07/27	92/07/27	92/07/27	92/07/23	92/07/23	92/07/23	92/07/23	92/07/23	92/07/23	92/07/23	92/07/23
				Polypedilum (LPIL)					0	1	0	0	0			
				Polypedilum Simulans Group												
				Procladius (LPIL)												
				Prodiamesa (LPIL)												
				PsectroTanypus (LPIL)												
				PseudoChironomus (LPIL)												
				RheoTanytarsus (LPIL)					0	2	0	0	0			
				Tanypus (LPIL)												
				Tanypus Stellatus					1	0	1	0	0	1	0	1
				Tanytarsus (LPIL)		12	16	56	1	3	10	6	4			
				Tanytarsus sp. IV		12	8	60	17	6	69	17	1			
				Tanytarsus sp.I		4	12	32								
			Culicidae	Chaoborus (LPIL)												
				Culicidae (LPIL)												
			Dolichopodidae	Dolichopodidae (LPIL)												
			Psychodidae	Pericoma (LPIL)					0	0	0	0	5			
				Psychoda alternata					0	2	0	0	0			
				Psychodidae (LPIL)		0	0	0	0	2	0	0	0			
				Psychoda (LPIL)												
			Tipulidae	Tipulidae (LPIL)												
		Ephemeroptera	Caenidae	Caenis (LPIL)												
		Hemiptera	Hebridae	Merragata (LPIL)												
		Megaloptera	Sialidae	Sialis (LPIL)												
		Odonata		Odonata (LPIL)												
			Coenagrionidae	Coenagrionidae (LPIL)												
		Trichoptera		Trichoptera (LPIL)												
			Hydroptilidae	Hydroptila (LPIL)												
			Leptoceridae	Oecetis (LPIL)												
Rhynchocoela				Rhynchocoela (LPIL)												

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	CR9 REP4 92/07/29	CR9 REP5 92/07/29	OT1 REP1 92/08/18	OT1 REP2 92/08/18	OT1 REP3 92/08/18	OT1 REP4 92/08/18	OT1 REP5 92/08/18	OT2 REP1 92/08/18	OT2 REP2 92/08/18	OT2 REP3 92/08/18	OT2 REP4 92/08/18	OT2 REP5 92/08/18	OT3 REP1 92/08/18
Cnidaria				Hydrozoa (LPIL)													
Platyhelmenthes	Turbellaria			Turbellaria (LPIL)	6	5	0	0	0	2	0	2	0	10	1	0	0
		Seriata	Planaridae	Dugesia (LPIL)								0	0	0	2	0	0
				Dugesia Tigrina													
				Planariidae (LPIL)													
Annelida	Hirudinea	Rhynchobdellida	Glossiphoniida	Helobdella Stagnalis			0	3	0	6	3						
	Oligochaeta			Oligochaeta (LPIL)													
		Tubificida	Naididae	Dero (LPIL)			3	0	0	0	0						
				Dero Digitata	2	3	3	0	0	3	0	3	0	3	14	4	0
				Naididae (LPIL)	8	87						1	2	0	10	4	6
			Tubificidae	Limnodrilus Cervix													
				Limnodrilus Hoffmeist	30	40	11	27	2	5	25	8	5	18	0	0	2
				Limnodrilus (LPIL)													
				Tubificidae (LPIL)	92	269	237	177	157	123	263	97	64	187	266	314	33
Mollusca	Pelecypoda			Pelecypoda (LPIL)													
		Heterodonta	Dreissenidae	Dreissina Polymorpha	43	52											
				Mytilopsis Leucophaeata													
			Sphaeriidae	Sphaeriidae (LPIL)													21
				Pisidium Compressum													
				Pisidium Dubium													
				Pisidium Nitidum													
				Pisidium Walkeri													
				Sphaerium (LPIL)													
				Sphaerium Corneum													
				Sphaerium Fabale								0	0	1	0	0	
				Sphaerium Nitidum													
				Sphaerium Patella													
				Sphaerium Rhomboideum													
	Gastropoda			Gastropoda (LPIL)	1	1						0	1	1	0	0	0
		Mesogastropoda	Hydrobiidae	Amnicola Limosa													
		Basommatophor	Ancylidae	Ancylidae (LPIL)													
				Ferrissia (LPIL)													
				Ferrissia Parallela	28	0											
				Ferrissia Rivularis													
				Laevapex Fuscus	10	4											
			Physidae	Physa (LPIL)													
				Physa Gyrina													
				Physa Heterostropha													
				Physa sp.B													
				Physidae (LPIL)													
		Lymnophila	Lymnaeidae	Lymnaea (LPIL)													
			Planorbidae	Gyraulus (LPIL)													
				Gyraulus Circumstriatus													
				Gyraulus Parvus													
				Planorbidae (LPIL)													0

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	CR9 REP4 92/07/29	CR9 REP5 92/07/29	OT1 REP1 92/08/18	OT1 REP2 92/08/18	OT1 REP3 92/08/18	OT1 REP4 92/08/18	OT1 REP5 92/08/18	OT2 REP1 92/08/18	OT2 REP2 92/08/18	OT2 REP3 92/08/18	OT2 REP4 92/08/18	OT2 REP5 92/08/18	OT3 REP1 92/08/18
Arthropoda		Cladocera	Macrothricidae	Ilyocryptus (LPIL)													
	Arachnida	Acarina		Acarina (LPIL)													
		Hydracarina		Hydracarina (LPIL)	0	12											1
			Mideopsidae	Mideopsis sp.A													0
			Sperchontidae	Sperchon (LPIL)	1	1											0
				Sperchon sp.B	0	12											1
				Sperchon sp.D	0	9											1
				Sperchontidae (LPIL)													
			Unionicolidae	Neumania (LPIL)													
				Neumania sp.A								0	0	0	1	0	0
				Unionicola (LPIL)													0
				Unionicolidae (LPIL)	0	1											
	Crustacea	Amphipoda	Gammaridae	Gammaridae (LPIL)	2	3	1	0	0	2	0	0	2	0	0	2	1
				Gammarus (LPIL)	0	1	2	2	0	0	2						5
				Gammarus cf. Fasciatus													
				Gammarus Tigrinus	7	16	11	2	9	1	7	0	2	0	5	1	7
		Isopoda	Asellidae	Asellidae (LPIL)													
				Caecidotea (LPIL)													
				Caecidotea Racovitzai													
				Caecidotea Racovitzai Racovitzai													
		Ostracoda		Ostracoda (LPIL)			0	1	1	0	3	0	0	1	0	0	0
				Podocopa (LPIL)													
			Cypridae	Cypridae (LPIL)			0	0	2	0	0	0	0	2	1	2	0
			Cypridopsidae	Cypridopsidae (LPIL)													0
				Cypridopsis (LPIL)													
				Cypridopsis sp.B													17
	Hexapoda	Lepidoptera	Pyralidae	Acentria (LPIL)	12	32						1	0	0	0	1	
	Insecta	Coleoptera	Dytiscidae	Desmopachria (LPIL)													
			Elmidae	Dubiraphia (LPIL)			1	0	0	0	0						
				Elmidae (LPIL)			0	0	0	0	1						
				Macronychus (LPIL)													
				Promoresia (LPIL)													
				Stenelmis (LPIL)													
			Haliplidae	Haliplidae (LPIL)													
			Psephenidae	Ectopria (LPIL)													
			Staphylinidae	Staphylinidae (LPIL)													
		Collembola		Collembola (LPIL)													
			Entomobryidae	Entomobrya sp. A													
			Onychiuridae	Tullbergia (LPIL)													

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	CR9 REP4 92/07/29	CR9 REP5 92/07/29	OT1 REP1 92/08/18	OT1 REP2 92/08/18	OT1 REP3 92/08/18	OT1 REP4 92/08/18	OT1 REP5 92/08/18	OT2 REP1 92/08/18	OT2 REP2 92/08/18	OT2 REP3 92/08/18	OT2 REP4 92/08/18	OT2 REP5 92/08/18	OT3 REP1 92/08/18
		Diptera		Diptera (LPIL)													
			Blephariceridae	Blephariceridae (LPIL)	0	1											
			Ceratopogonid	Ceratopogonidae (LPIL)													
			Chironomidae	Chironomidae (LPIL)	14	53	10	19	11	0	5	5	2	5	9	4	88
				Chironomidae Genus AM													
				Chironomidae Genus BG													
				Chironomidae Genus S	0	4											
				Chironomidae Genus U													
				Chironomus (LPIL)	3	12	35	43	42	0	47	0	0	2	1	8	
				Cladopelma (LPIL)	3	0	5	1	1	0	3	2	0	1	5	8	
				Cladotanytarsus (LPIL)	26	29	0	0	0	0	1						9
				Cricotopus (LPIL)	7	61											
				CryptoChironomus (LF	6	27	3	6	6	0	6	12	9	8	13	11	0
				Dicrotendipes (LPIL)	4	32						3	1	0	0	0	0
				Djalmabatista (LPIL)	0	0											
				Einfeldia (LPIL)													
				Endochironomus Nigric	0	1											
				Eukiefferiella (LPIL)								0	0	0	0	1	
				Glyptotendipes (LPIL)	5	2	3	0	0	0	0	0	0	0	1	2	
				Microtendipes (LPIL)													
				Parachironomus (LPIL)			1	0	0	0	0						
				Parachironomus Carinatus													
				Parachironomus Directus													
				ParaTanytarsus (LPIL)								0	0	0	0	1	
				Paratendipes (LPIL)			2	0	0	0	2						
				Polypedilum (LPIL)	0	0	0	1	1	0	0	0	0	0	1	0	
				Polypedilum Simulans	2	7	0	4	0	0	0						
				Procladius (LPIL)	2	5	5	5	1	0	2	1	1	2	5	10	
				Prodiamesa (LPIL)													
				PsectroTanypus (LPIL)													
				PseudoChironomus (LPIL)													
				RheoTanytarsus (LPIL)													
				Tanypus (LPIL)								1	0	0	1	0	
				Tanypus Stellatus													
				Tanytarsus (LPIL)	4	11	3	0	2	0	4	0	0	0	3	4	265
				Tanytarsus sp. IV	9	20	1	0	2	0	0	0	0	0	3	2	454
				Tanytarsus sp.I	2	5	0	2	1	0	1						51
			Culicidae	Chaoborus (LPIL)													
				Culicidae (LPIL)													
			Dolichopodidae	Dolichopodidae (LPIL)													
			Psychodidae	Pericoma (LPIL)													
				Psychoda alternata													
				Psychodidae (LPIL)													
				Psychoda (LPIL)													
			Tipulidae	Tipulidae (LPIL)													
		Ephemeroptera	Caenidae	Caenis (LPIL)													
		Hemiptera	Hebridae	Merragata (LPIL)													
		Megaloptera	Sialidae	Sialis (LPIL)								0	1	0	0	0	
		Odonata		Odonata (LPIL)								0	0	0	1	0	
			Coenagrionidae	Coenagrionidae (LPIL)													
		Trichoptera		Trichoptera (LPIL)	0	0						0	0	1	0	0	0
			Hydroptilidae	Hydroptila (LPIL)	1	6						0	0	0	1	0	
			Leptoceridae	Oecetis (LPIL)			0	0	0	0	1	0	0	1	0	0	6
Rhynchocoela				Rhynchocoela (LPIL)													0

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	S55 REP4 92/07/23	S55 REP5 92/07/23	S56 REP1 92/08/07	S56 REP2 92/08/07	S56 REP3 92/08/07	S56 REP4 92/08/07	S56 REP5 92/08/07	S61 REP1 92/08/07	S61 REP2 92/08/07	S61 REP3 92/08/07	S61 REP4 92/08/07	S61 REP5 92/08/07	S62 REP1 92/07/24
Cnidaria				Hydrozoa (LPIL)													
Platyhelmenthes	Turbellaria			Turbellaria (LPIL)								0	12	0	4	0	12
		Seriata	Planaridae	Dugesia (LPIL)													0
				Dugesia Tigrina													
				Planariidae (LPIL)													
Annelida	Hirudinea	Rhynchobdellida	Glossiphoniida	Helobdella Stagnalis													
	Oligochaeta			Oligochaeta (LPIL)													
		Tubificida	Naididae	Dero (LPIL)	0	0											
				Dero Digitata	21	6						33	112	52	136	113	108
				Naididae (LPIL)	10	1						0	24	0	20	0	28
			Tubificidae	Limnodrilus Cervix	5	0											
				Limnodrilus Hoffmeist	38	17						93	40	46	61	71	36
				Limnodrilus (LPIL)	10	0											
				Tubificidae (LPIL)	155	32	1	0	0	0	0	522	620	477	453	945	532
Mollusca	Pelecypoda			Pelecypoda (LPIL)													
		Heterodonta	Dreissenidae	Dreissina Polymorpha													
				Mytilopsis Leucophaeata													
			Sphaeriidae	Sphaeriidae (LPIL)													
				Pisidium Compressum													
				PisidiumDubium													
				Pisidium Nitidum													
				Pisidium Walkeri													
				Sphaerium (LPIL)													
				Sphaerium Corneum													
				Sphaerium Fabale													
				Sphaerium Nitidum													
				Sphaerium Patella													
				Sphaerium Rhomboideum													
	Gastropoda			Gastropoda (LPIL)													
		Mesogastropoda	Hydrobiidae	Amnicola Limosa													
		Basommatophor	Ancylidae	Ancylidae (LPIL)													
				Ferrissia (LPIL)													
				Ferrissia Parallela													
				Ferrissia Rivularis													
				Laevapex Fuscus													
			Physidae	Physa (LPIL)													
				Physa Gyrina													
				Physa Heterostropha													
				Physa sp.B													
				Physidae (LPIL)													
		Lymnophila	Lymnaeidae	Lymnaea (LPIL)													
			Planorbidae	Gyraulus (LPIL)													
				Gyraulus Circumstriatus													
				Gyraulus Parvus													
				Planorbidae (LPIL)													
Arthropoda		Cladocera	Macrothricidae	Ilyocryptus (LPIL)	0	0											
	Arachnida	Acarina		Acarina (LPIL)													
		Hydracarina		Hydracarina (LPIL)													
			Mideopsidae	Mideopsis sp.A													
			Sperchontidae	Sperchon (LPIL)													
				Sperchon sp.B													
				Sperchon sp.D													

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	S55 REP4 92/07/23	S55 REP5 92/07/23	S56 REP1 92/08/07	S56 REP2 92/08/07	S56 REP3 92/08/07	S56 REP4 92/08/07	S56 REP5 92/08/07	S61 REP1 92/08/07	S61 REP2 92/08/07	S61 REP3 92/08/07	S61 REP4 92/08/07	S61 REP5 92/08/07	S62 REP1 92/07/24
				Sperchontidae (LPIL)													3
			Unionicolidae	Neumania (LPIL)													
				Neumania sp.A													
				Unionicola (LPIL)													
				Unionicolidae (LPIL)													
	Crustacea	Amphipoda	Gammaridae	Gammaridae (LPIL)								0	0	1	1	0	4
				Gammarus (LPIL)								0	9	3	0	0	0
				Gammarus cf. Fasciatus													
				Gammarus Tigrinus								4	13	11	3	1	4
		Isopoda	Asellidae	Asellidae (LPIL)													
				Caecidotea (LPIL)													
				Caecidotea Racovitzai													
				Caecidotea Racovitzai Racovitzai													
		Ostracoda		Ostracoda (LPIL)								0	0	1	0	0	20
				Podocopa (LPIL)													
			Cypridae	Cypridae (LPIL)								0	1	0	11	12	0
			Cypridopsidae	Cypridopsidae (LPIL)													
				Cypridopsis (LPIL)													
				Cypridopsis sp.B													
	Hexapoda	Lepidoptera	Pyralidae	Acentria (LPIL)													
	Insecta	Coleoptera	Dytiscidae	Desmopachria (LPIL)													
			Elmidae	Dubiraphia (LPIL)													
				Elmidae (LPIL)													
				Macronychus (LPIL)													
				Promoresia (LPIL)													
				Stenelmis (LPIL)													
			Haliplidae	Haliplidae (LPIL)													
			Psephenidae	Ectopria (LPIL)													
			Staphylinidae	Staphylinidae (LPIL)													
		Collembola		Collembola (LPIL)													
			Entomobryidae	Entomobrya sp. A													
			Onychiuridae	Tullbergia (LPIL)													
		Diptera		Diptera (LPIL)													
			Blephariceridae	Blephariceridae (LPIL)													
			Ceratopogonid	Ceratopogonidae (LPIL)													0
			Chironomidae	Chironomidae (LPIL)	1	1						54	52	41	20	38	12
				Chironomidae Genus AM								1	0	0	0	0	
				Chironomidae Genus BG													
				Chironomidae Genus S								1	1	0	0	0	0
				Chironomidae Genus U													
				Chironomus (LPIL)	34	43						55	78	82	84	80	60
				Cladopelma (LPIL)								2	7	5	6	5	4
				Cladotanytarsus (LPIL)								4	9	0	4	0	32
				Cricotopus (LPIL)													
				CryptoChironomus (LPIL)													0
				Dicrotendipes (LPIL)								0	4	2	2	0	0
				Djalmabatista (LPIL)													
				Einfeldia (LPIL)													
				Endochironomus Nigricans													
				Eukiefferiella (LPIL)													
				Glyptotendipes (LPIL)	0	0						2	4	3	0	2	4
				Microtendipes (LPIL)													
				Parachironomus (LPIL	0	0											
				Parachironomus Carinatus													
				Parachironomus Directus													
				ParaTanytarsus (LPIL)													
				Paratendipes (LPIL)													

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	S55 REP4 92/07/23	S55 REP5 92/07/23	S56 REP1 92/08/07	S56 REP2 92/08/07	S56 REP3 92/08/07	S56 REP4 92/08/07	S56 REP5 92/08/07	S61 REP1 92/08/07	S61 REP2 92/08/07	S61 REP3 92/08/07	S61 REP4 92/08/07	S61 REP5 92/08/07	S62 REP1 92/07/24
				Polypedilum (LPIL)								2	2	2	2	2	0
				Polypedilum Simulans Group								2	0	3	4	2	
				Procladius (LPIL)								0	0	2	2	0	0
				Prodiamesa (LPIL)													
				PsectroTanypus (LPIL)													
				PseudoChironomus (LPIL)													
				RheoTanytarsus (LPIL)													
				Tanypus (LPIL)													
				Tanypus Stellatus	0	0											0
				Tanytarsus (LPIL)								38	46	20	42	17	8
				Tanytarsus sp. IV								21	55	20	17	22	12
				Tanytarsus sp.I								0	7	0	0	0	4
			Culicidae	Chaoborus (LPIL)													
				Culicidae (LPIL)													
			Dolichopodidae	Dolichopodidae (LPIL)													
			Psychodidae	Pericoma (LPIL)													
				Psychoda alternata													
				Psychodidae (LPIL)													
				Psychoda (LPIL)													
			Tipulidae	Tipulidae (LPIL)													
		Ephemeroptera	Caenidae	Caenis (LPIL)													
		Hemiptera	Hebridae	Merragata (LPIL)													
		Megaloptera	Sialidae	Sialis (LPIL)													
		Odonata		Odonata (LPIL)													
			Coenagrionidae	Coenagrionidae (LPIL)													
		Trichoptera		Trichoptera (LPIL)													
			Hydroptilidae	Hydroptila (LPIL)													
			Leptoceridae	Oecetis (LPIL)													
Rhynchocoela				Rhynchocoela (LPIL)													

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	OT3 REP2 92/08/18	OT3 REP3 92/08/18	OT3 REP4 92/08/18	OT3 REP5 92/08/18	OT4 REP1 92/08/19	OT4 REP2 92/08/19	OT4 REP3 92/08/19	OT4 REP4 92/08/19	OT4 REP5 92/08/19	OT5 REP1 92/08/19	OT5 REP2 92/08/19	OT5 REP3 92/08/19	OT5 REP4 92/08/19	OT5 REP5 92/08/19	S100 REP1 92/08/11
Cnidaria				Hydrozoa (LPIL)															
Platyhelmenthes	Turbellaria			Turbellaria (LPIL)	2	3	2	0											21
		Seriata	Planaridae	Dugesia (LPIL)	6	20	13	1											11
				Dugesia Tigrina															2
				Planariidae (LPIL)															
Annelida	Hirudinea	Rhynchobdellida	Glossiphoniidae	Helobdella Stagnalis															
	Oligochaeta			Oligochaeta (LPIL)															
		Tubificida	Naididae	Dero (LPIL)															1
				Dero Digitata	0	1	1	0	0	1	0	0	0						4
				Naididae (LPIL)	0	2	1	1	1	0	0	7	0						3
			Tubificidae	Limnodrilus Cervix															1
				Limnodrilus Hoffmeist	10	9	6	6	0	8	0	0	0	0	0	2	1	0	
				Limnodrilus (LPIL)															
				Tubificidae (LPIL)	30	38	60	28	55	55	33	97	40	41	25	62	42	63	61
Mollusca	Pelecypoda			Pelecypoda (LPIL)															
		Heterodonta	Dreissenidae	Dreissina Polymorpha															
				Mytilopsis Leucophaeata															
			Sphaeriidae	Sphaeriidae (LPIL)	25	18	35	10	20	3	0	0	0	3	0	0	0	0	
				Pisidium Compressum															
				Pisidium Dubium															
				Pisidium Nitidum															
				Pisidium Walkeri															
				Sphaerium (LPIL)															
				Sphaerium Corneum															
				Sphaerium Fabale					0	0	16	8	8						
				Sphaerium Nitidum															
				Sphaerium Patella															
				Sphaerium Rhomboideum															
	Gastropoda			Gastropoda (LPIL)	0	1	0	0											
		Mesogastropoda	Hydrobiidae	Amnicola Limosa															
		Basommatophora	Ancylidae	Ancylidae (LPIL)															
				Ferrissia (LPIL)															
				Ferrissia Parallela															
				Ferrissia Rivularis															
				Laevapex Fuscus															
			Physidae	Physa (LPIL)															0
				Physa Gyrina															
				Physa Heterostropha															
				Physa sp.B															
				Physidae (LPIL)															
		Lymnophila	Lymnaeidae	Lymnaea (LPIL)															
			Planorbidae	Gyraulus (LPIL)															
				Gyraulus Circumstriatus															
				Gyraulus Parvus															
				Planorbidae (LPIL)	0	1	2	0											

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	OT3 REP2 92/08/18	OT3 REP3 92/08/18	OT3 REP4 92/08/18	OT3 REP5 92/08/18	OT4 REP1 92/08/19	OT4 REP2 92/08/19	OT4 REP3 92/08/19	OT4 REP4 92/08/19	OT4 REP5 92/08/19	OT5 REP1 92/08/19	OT5 REP2 92/08/19	OT5 REP3 92/08/19	OT5 REP4 92/08/19	OT5 REP5 92/08/19	S100 REP1 92/08/11
Arthropoda		Cladocera	Macrothricidae	Ilyocryptus (LPIL)										0	0	0	0	1	
	Arachnida	Acarina		Acarina (LPIL)															
		Hydracarina		Hydracarina (LPIL)	0	0	1	0											
			Mideopsidae	Mideopsis sp.A	5	0	1	0											
			Sperchontidae	Sperchon (LPIL)	0	0	1	1						0	0	0	1	0	
				Sperchon sp.B	0	0	0	0											
				Sperchon sp.D	0	0	0	0											
				Sperchontidae (LPIL)															
			Unionicolidae	Neumania (LPIL)															
				Neumania sp.A	0	0	3	1											
				Unionicola (LPIL)	1	0	1	0											
				Unionicolidae (LPIL)															
	Crustacea	Amphipoda	Gammaridae	Gammaridae (LPIL)	1	4	8	0	1	2	0	0	0						7
				Gammarus (LPIL)	4	4	0	1	0	1	0	0	0						21
				Gammarus cf. Fasciatus															
				Gammarus Tigrinus	16	12	19	24	0	0	0	0	4	0	0	0	1	0	75
		Isopoda	Asellidae	Asellidae (LPIL)															
				Caecidotea (LPIL)															
				Caecidotea Racovitzai															
				Caecidotea Racovitzai Racovitzai															
		Ostracoda		Ostracoda (LPIL)	5	1	2	0	0	1	0	8	0	1	0	0	0	0	
				Podocopa (LPIL)															
			Cypridae	Cypridae (LPIL)	1	0	2	0	0	14	0	0	0	1	0	0	0	0	1
			Cypridopsidae	Cypridopsidae (LPIL)	0	0	2	0											
				Cypridopsis (LPIL)										0	1	0	1	4	
				Cypridopsis sp.B	23	1	19	6	1	14	0	0	24						
	Hexapoda	Lepidoptera	Pyralidae	Acentria (LPIL)															
	Insecta	Coleoptera	Dytiscidae	Desmopachria (LPIL)															
			Elmidae	Dubiraphia (LPIL)															
				Elmidae (LPIL)															
				Macronychus (LPIL)															
				Promoresia (LPIL)															
				Stenelmis (LPIL)															
			Haliplidae	Haliplidae (LPIL)															
			Psephenidae	Ectopria (LPIL)															
			Staphylinidae	Staphylinidae (LPIL)															
		Collembola		Collembola (LPIL)															
			Entomobryidae	Entomobrya sp. A															
			Onychiuridae	Tullbergia (LPIL)															

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	OT3 REP2 92/08/18	OT3 REP3 92/08/18	OT3 REP4 92/08/18	OT3 REP5 92/08/18	OT4 REP1 92/08/19	OT4 REP2 92/08/19	OT4 REP3 92/08/19	OT4 REP4 92/08/19	OT4 REP5 92/08/19	OT5 REP1 92/08/19	OT5 REP2 92/08/19	OT5 REP3 92/08/19	OT5 REP4 92/08/19	OT5 REP5 92/08/19	S100 REP1 92/08/11
		Diptera		Diptera (LPIL)															
			Blephariceridae	Blephariceridae (LPIL)															
			Ceratopogonidae	Ceratopogonidae (LPIL)															
			Chironomidae	Chironomidae (LPIL)	227	0	1	0	0	1	11	4	0	3	6	8	4	5	24
				Chironomidae Genus AM															1
				Chironomidae Genus BG															
				Chironomidae Genus S															0
				Chironomidae Genus U															
				Chironomus (LPIL)					3	0	0	4	5	20	6	12	9	3	53
				Cladopelma (LPIL)					0	0	14	0	26	7	1	5	4	5	2
				Cladotanytarsus (LPIL	0	0	0	0											20
				Cricotopus (LPIL)															8
				CryptoChironomus (LF	0	0	7	4	0	0	7	4	0	1	0	0	1	2	0
				Dicrotendipes (LPIL)	0	0	14	0											0
				Djalmabatista (LPIL)															
				Einfeldia (LPIL)															
				Endochironomus Nigricans															
				Eukiefferiella (LPIL)															
				Glyptotendipes (LPIL)															0
				Microtendipes (LPIL)															
				Parachironomus (LPIL)															
				Parachironomus Carinatus															
				Parachironomus Directus															
				ParaTanytarsus (LPIL)															
				Paratendipes (LPIL)															
				Polypedilum (LPIL)															17
				Polypedilum Simulans Group															6
				Procladius (LPIL)					0	0	10	4	12	1	2	3	1	1	
				Prodiamesa (LPIL)															
				PsectroTanypus (LPIL)															
				PseudoChironomus (LPIL)															
				RheoTanytarsus (LPIL)															
				Tanypus (LPIL)															
				Tanypus Stellatus															
				Tanytarsus (LPIL)	254	77	266	39	122	233	77	48	254	6	0	2	3	1	27
				Tanytarsus sp. IV	507	255	379	267	185	1009	188	320	251	79	29	40	70	82	33
				Tanytarsus sp.I	85	27	73	15	23	52	17	12	26	1	0	0	0	0	9
			Culicidae	Chaoborus (LPIL)															
				Culicidae (LPIL)															
			Dolichopodidae	Dolichopodidae (LPIL)															
			Psychodidae	Pericoma (LPIL)															
				Psychoda alternata															
				Psychodidae (LPIL)															
				Psychoda (LPIL)															
			Tipulidae	Tipulidae (LPIL)															
		Ephemeroptera	Caenidae	Caenis (LPIL)															
		Hemiptera	Hebridae	Merragata (LPIL)															
		Megaloptera	Sialidae	Sialis (LPIL)															
		Odonata		Odonata (LPIL)															
			Coenagrionidae	Coenagrionidae (LPIL)															
		Trichoptera		Trichoptera (LPIL)	0	1	0	0											
			Hydroptilidae	Hydroptila (LPIL)															
			Leptoceridae	Oecetis (LPIL)	6	0	3	4	0	0	1	0	0						
Rhynchocoela				Rhynchocoela (LPIL)	1	0	0	0											

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	S62 REP2 92/07/24	S62 REP3 92/07/24	S62 REP4 92/07/24	S62 REP5 92/07/24	S67 REP1 92/07/23	S67 REP2 92/07/23	S67 REP3 92/07/23	S67 REP4 92/07/23	S67 REP5 92/07/23	S68 REP1 92/07/23	S68 REP2 92/07/23	S68 REP3 92/07/23	S68 REP4 92/07/23	S68 REP5 92/07/23	S7 REP1 92/08/02
Cnidaria				Hydrozoa (LPIL)															
Platyhelmenthes	Turbellaria			Turbellaria (LPIL)	0	0	0	12	4	0	4	0	0	0	0	0	1	0	0
		Seriata	Planaridae	Dugesia (LPIL)	0	0	0	8											
				Dugesia Tigrina															
				Planariidae (LPIL)															
Annelida	Hirudinea	Rhynchobdellida	Glossiphoniidae	Helobdella Stagnalis															
	Oligochaeta			Oligochaeta (LPIL)															
		Tubificida	Naididae	Dero (LPIL)															
				Dero Digitata	114	36	160	28						0	7	12	40	0	52
				Naididae (LPIL)	28	12	40	0	4	0	116	0	0	15	131	52	86	0	36
			Tubificidae	Limnodrilus Cervix					0	9	0	0	8	6	34	8	0	0	
				Limnodrilus Hoffmeist	76	72	64	16	8	172	44	0	4	11	90	34	54	0	228
				Limnodrilus (LPIL)															
				Tubificidae (LPIL)	654	972	780	524	488	278	204	4	22	176	331	270	420	2	1372
Mollusca	Pelecypoda			Pelecypoda (LPIL)															
		Heterodonta	Dreissenidae	Dreissina Polymorpha															
				Mytilopsis Leucophaeata															
			Sphaeriidae	Sphaeriidae (LPIL)										0	4	4	0	0	
				Pisidium Compressum															
				PisidiumDubium															
				Pisidium Nitidum															
				Pisidium Walkeri															
				Sphaerium (LPIL)															
				Sphaerium Corneum															
				Sphaerium Fabale															
				Sphaerium Nitidum															
				Sphaerium Patella															
				Sphaerium Rhomboideum															
	Gastropoda			Gastropoda (LPIL)															
		Mesogastropoda	Hydrobiidae	Amnicola Limosa															
		Basommatophora	Ancylidae	Ancylidae (LPIL)															
				Ferrissia (LPIL)															
				Ferrissia Parallela															
				Ferrissia Rivularis															
				Laevapex Fuscus															
			Physidae	Physa (LPIL)															
				Physa Gyrina															
				Physa Heterostropha															
				Physa sp.B															
				Physidae (LPIL)															
		Lymnophila	Lymnaeidae	Lymnaea (LPIL)															
			Planorbidae	Gyraulus (LPIL)															
				Gyraulus Circumstriatus					0	0	0	0	2						
				Gyraulus Parvus															
				Planorbidae (LPIL)															
Arthropoda		Cladocera	Macrothricidae	Ilyocryptus (LPIL)					0	0	8	0	0						
	Arachnida	Acarina		Acarina (LPIL)															
		Hydracarina		Hydracarina (LPIL)															
			Mideopsidae	Mideopsis sp.A															
			Sperchontidae	Sperchon (LPIL)															
				Sperchon sp.B															
				Sperchon sp.D															

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	S62 REP2 92/07/24	S62 REP3 92/07/24	S62 REP4 92/07/24	S62 REP5 92/07/24	S67 REP1 92/07/23	S67 REP2 92/07/23	S67 REP3 92/07/23	S67 REP4 92/07/23	S67 REP5 92/07/23	S68 REP1 92/07/23	S68 REP2 92/07/23	S68 REP3 92/07/23	S68 REP4 92/07/23	S68 REP5 92/07/23	S7 REP1 92/08/02
				Sperchontidae (LPIL)	0	0	0	0											
			Unionicolidae	Neumania (LPIL)															
				Neumania sp.A															
				Unionicola (LPIL)															
				Unionicolidae (LPIL)															
	Crustacea	Amphipoda	Gammaridae	Gammaridae (LPIL)	0	0	4	8	0	1	0	2	0						
				Gammarus (LPIL)	1	0	0	8	0	0	8	0	4						
				Gammarus cf. Fasciatus															
				Gammarus Tigrinus	9	0	12	16	16	2	4	0	4	0	1	0	6	0	
		Isopoda	Asellidae	Asellidae (LPIL)															
				Caecidotea (LPIL)															
				Caecidotea Racovitzai															
				Caecidotea Racovitzai Racovitzai															
		Ostracoda		Ostracoda (LPIL)	0	12	0	0	0	2	12	0	4						
				Podocopa (LPIL)															
			Cypridae	Cypridae (LPIL)	0	0	28	24	140	35	140	0	38						
			Cypridopsidae	Cypridopsidae (LPIL)															
				Cypridopsis (LPIL)															
				Cypridopsis sp.B															
	Hexapoda	Lepidoptera	Pyralidae	Acentria (LPIL)															4
	Insecta	Coleoptera	Dytiscidae	Desmopachria (LPIL)															
			Elmidae	Dubiraphia (LPIL)															
				Elmidae (LPIL)															
				Macronychus (LPIL)															
				Promoresia (LPIL)															
				Stenelmis (LPIL)															
			Haliplidae	Haliplidae (LPIL)															
			Psephenidae	Ectopria (LPIL)															
			Staphylinidae	Staphylinidae (LPIL)					0	0	0	2	0						
		Collembola		Collembola (LPIL)															
			Entomobryidae	Entomobrya sp. A															
			Onychiuridae	Tullbergia (LPIL)															
		Diptera		Diptera (LPIL)															
			Blephariceridae	Blephariceridae (LPIL)															
			Ceratopogonidae	Ceratopogonidae (LPII	0	0	4	0											
			Chironomidae	Chironomidae (LPIL)	9	28	24	8	20	15	12	0	14	2	9	4	6	0	8
				Chironomidae Genus AM															
				Chironomidae Genus BG															
				Chironomidae Genus S	0	8	8	0	4	2	8	0	8						
				Chironomidae Genus U															
				Chironomus (LPIL)	84	52	100	80	16	30	44	0	28	13	25	16	52	0	92
				Cladopelma (LPIL)	4	0	12	4	4	4	4	0	6	0	2	0	2	0	
				Cladotanytarsus (LPIL	67	28	76	40	16	23	12	0	16	0	0	0	36	0	
				Cricotopus (LPIL)															
				CryptoChironomus (LF	0	0	4	0											
				Dicrotendipes (LPIL)	0	4	4	4											
				Djalmabatista (LPIL)															
				Einfeldia (LPIL)															
				Endochironomus Nigricans															
				Eukiefferiella (LPIL)															
				Glyptotendipes (LPIL)	6	0	0	0											
				Microtendipes (LPIL)															
				Parachironomus (LPIL)															
				Parachironomus Carinatus															
				Parachironomus Directus															
				ParaTanytarsus (LPIL)															
				Paratendipes (LPIL)															

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	S62 REP2 92/07/24	S62 REP3 92/07/24	S62 REP4 92/07/24	S62 REP5 92/07/24	S67 REP1 92/07/23	S67 REP2 92/07/23	S67 REP3 92/07/23	S67 REP4 92/07/23	S67 REP5 92/07/23	S68 REP1 92/07/23	S68 REP2 92/07/23	S68 REP3 92/07/23	S68 REP4 92/07/23	S68 REP5 92/07/23	S7 REP1 92/08/02
				Polypedilum (LPIL)	2	0	4	0	0	1	0	0	0						
				Polypedilum Simulans Group															
				Procladius (LPIL)	0	0	0	4						0	1	0	0	0	
				Prodiamesa (LPIL)															
				PsectroTanypus (LPIL)															
				PseudoChironomus (LPIL)															
				RheoTanytarsus (LPIL)															
				Tanypus (LPIL)															
				Tanypus Stellatus	2	0	0	0											
				Tanytarsus (LPIL)	19	20	40	16	52	9	12	0	46	0	8	0	14	0	4
				Tanytarsus sp. IV	10	16	8	12	40	15	36	0	18	0	4	0	8	0	4
				Tanytarsus sp.I	0	4	8	8	4	5	24	0	8	0	1	2	2	0	
			Culicidae	Chaoborus (LPIL)															
				Culicidae (LPIL)															
			Dolichopodidae	Dolichopodidae (LPIL)															
			Psychodidae	Pericoma (LPIL)					0	0	0	0	4						
				Psychoda alternata															
				Psychodidae (LPIL)															
				Psychoda (LPIL)															
			Tipulidae	Tipulidae (LPIL)															
		Ephemeroptera	Caenidae	Caenis (LPIL)															
		Hemiptera	Hebridae	Merragata (LPIL)															
		Megaloptera	Sialidae	Sialis (LPIL)															
		Odonata		Odonata (LPIL)															
			Coenagrionidae	Coenagrionidae (LPIL)															
		Trichoptera		Trichoptera (LPIL)															
			Hydroptilidae	Hydroptila (LPIL)															
			Leptoceridae	Oecetis (LPIL)															
Rhynchocoela				Rhynchocoela (LPIL)															

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	S100 REP2 92/08/11	S100 REP3 92/08/11	S100 REP4 92/08/11	S100 REP5 92/08/11	S103 REP1 92/08/11	S103 REP2 92/08/11	S103 REP3 92/08/11	S103 REP4 92/08/11	S103 REP5 92/08/11	S104 REP1 92/08/05
Cnidaria				Hydrozoa (LPIL)										
Platyhelmenthes	Turbellaria			Turbellaria (LPIL)	14	5	8	12						1
		Seriata	Planaridae	Dugesia (LPIL)	16	6	9	19						2
				Dugesia Tigrina	0	1	0	0						
				Planariidae (LPIL)										
Annelida	Hirudinea	Rhynchobdellida	Glossiphoniidae	Helobdella Stagnalis										
	Oligochaeta			Oligochaeta (LPIL)										0
		Tubificida	Naididae	Dero (LPIL)	0	0	0	0						
				Dero Digitata	1	8	3	3						34
				Naididae (LPIL)	2	5	1	4						17
			Tubificidae	Limnodrilus Cervix	0	2	1	0						
				Limnodrilus Hoffmeisteri										34
				Limnodrilus (LPIL)										
				Tubificidae (LPIL)	58	115	36	73	1	0	0	0	0	401
Mollusca	Pelecypoda			Pelecypoda (LPIL)										
		Heterodonta	Dreissenidae	Dreissina Polymorpha										
				Mytilopsis Leucophaeata										
			Sphaeriidae	Sphaeriidae (LPIL)										
				Pisidium Compressum										
				Pisidium Dubium										
				Pisidium Nitidum										
				Pisidium Walkeri										
				Sphaerium (LPIL)										0
				Sphaerium Corneum										
				Sphaerium Fabale										
				Sphaerium Nitidum										
				Sphaerium Patella										
				Sphaerium Rhomboideum										
	Gastropoda			Gastropoda (LPIL)										
		Mesogastropoda	Hydrobiidae	Amnicola Limosa										
		Basommatophora	Ancylidae	Ancylidae (LPIL)										
				Ferrissia (LPIL)										
				Ferrissia Parallela										
				Ferrissia Rivularis										
				Laevapex Fuscus										
			Physidae	Physa (LPIL)	0	1	0	0						
				Physa Gyrina										
				Physa Heterostropha										
				Physa sp.B										
				Physidae (LPIL)										
		Lymnophila	Lymnaeidae	Lymnaea (LPIL)										
			Planorbidae	Gyraulus (LPIL)										
				Gyraulus Circumstriatus										
				Gyraulus Parvus										
				Planorbidae (LPIL)										

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	S100 REP2 92/08/11	S100 REP3 92/08/11	S100 REP4 92/08/11	S100 REP5 92/08/11	S103 REP1 92/08/11	S103 REP2 92/08/11	S103 REP3 92/08/11	S103 REP4 92/08/11	S103 REP5 92/08/11	S104 REP1 92/08/05
Arthropoda		Cladocera	Macrothricidae	Ilyocryptus (LPIL)										
	Arachnida	Acarina		Acarina (LPIL)										
		Hydracarina		Hydracarina (LPIL)										
			Mideopsidae	Mideopsis sp.A										
			Sperchontidae	Sperchon (LPIL)										
				Sperchon sp.B										

			Sperchon sp.D					
			Sperchontidae (LPIL)					
		Unionicolidae	Neumania (LPIL)					
			Neumania sp.A					
			Unionicola (LPIL)					
			Unionicolidae (LPIL)					0
Crustacea	Amphipoda	Gammaridae	Gammaridae (LPIL)	13	15	1	1	11
			Gammarus (LPIL)	19	16	11	30	35
			Gammarus cf. Fasciatus					
			Gammarus Tigrinus	68	74	53	72	31
	Isopoda	Asellidae	Asellidae (LPIL)					
			Caecidotea (LPIL)					
			Caecidotea Racovitzai					
			Caecidotea Racovitzai Racovitzai					
	Ostracoda		Ostracoda (LPIL)					
			Podocopa (LPIL)					
		Cypridae	Cypridae (LPIL)	2	0	0	4	3
		Cypridopsidae	Cypridopsidae (LPIL)					
			Cypridopsis (LPIL)					
			Cypridopsis sp.B					
Hexapoda	Lepidoptera	Pyralidae	Acentria (LPIL)					
Insecta	Coleoptera	Dytiscidae	Desmopachria (LPIL)					
		Elmidae	Dubiraphia (LPIL)					
			Elmidae (LPIL)					
			Macronychus (LPIL)					
			Promoresia (LPIL)					
			Stenelmis (LPIL)					
		Haliplidae	Haliplidae (LPIL)					
		Psephenidae	Ectopria (LPIL)					
		Staphylinidae	Staphylinidae (LPIL)					
	Collembola		Collembola (LPIL)					
		Entomobryidae	Entomobrya sp. A					
		Onychiuridae	Tullbergia (LPIL)					

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	S100 REP2 92/08/11	S100 REP3 92/08/11	S100 REP4 92/08/11	S100 REP5 92/08/11	S103 REP1 92/08/11	S103 REP2 92/08/11	S103 REP3 92/08/11	S103 REP4 92/08/11	S103 REP5 92/08/11	S104 REP1 92/08/05
		Diptera		Diptera (LPIL)										
			Blephariceridae	Blephariceridae (LPIL)										
			Ceratopogonidae	Ceratopogonidae (LPIL)										
			Chironomidae	Chironomidae (LPIL)	19	47	19	30						20
				Chironomidae Genus AM	0	0	0	0						
				Chironomidae Genus BG										
				Chironomidae Genus S	3	0	0	3						
				Chironomidae Genus U										
				Chironomus (LPIL)	52	21	17	24	2	1	1	0	1	75
				Cladopelma (LPIL)	2	2	0	4						8
				Cladotanytarsus (LPIL)	16	11	16	27						5
				Cricotopus (LPIL)	5	3	0	6						0
				CryptoChironomus (LPIL)	1	0	0	0						
				Dicrotendipes (LPIL)	7	8	3	4						0
				Djalmabatista (LPIL)										
				Einfeldia (LPIL)										
				Endochironomus Nigricans										
				Eukiefferiella (LPIL)										
				Glyptotendipes (LPIL)	0	5	0	1						
				Microtendipes (LPIL)										
				Parachironomus (LPIL)										0
				Parachironomus Carinatus										
				Parachironomus Directus										
				ParaTanytarsus (LPIL)										
				Paratendipes (LPIL)										
				Polypedilum (LPIL)	11	6	0	9						
				Polypedilum Simulans Group	2	6	0	2						3
				Procladius (LPIL)										
				Prodiamesa (LPIL)										
				PsectroTanypus (LPIL)										
				PseudoChironomus (LPIL)										
				RheoTanytarsus (LPIL)										
				Tanypus (LPIL)										
				Tanypus Stellatus										
				Tanytarsus (LPIL)	44	19	11	52						27
				Tanytarsus sp. IV	18	16	25	38						26
				Tanytarsus sp.I	7	8	8	7						3
			Culicidae	Chaoborus (LPIL)										
				Culicidae (LPIL)										
			Dolichopodidae	Dolichopodidae (LPIL)										
			Psychodidae	Pericoma (LPIL)										
				Psychoda alternata										
				Psychodidae (LPIL)										
				Psychoda (LPIL)										
			Tipulidae	Tipulidae (LPIL)										
		Ephemeroptera	Caenidae	Caenis (LPIL)										
		Hemiptera	Hebridae	Merragata (LPIL)										
		Megaloptera	Sialidae	Sialis (LPIL)										
		Odonata		Odonata (LPIL)										
			Coenagrionidae	Coenagrionidae (LPIL)										
		Trichoptera		Trichoptera (LPIL)										
			Hydroptilidae	Hydroptila (LPIL)										
			Leptoceridae	Oecetis (LPIL)										
Rhynchocoela				Rhynchocoela (LPIL)										

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	S7 REP2 92/08/02	S7 REP3 92/08/02	S7 REP4 92/08/02	S7 REP5 92/08/02	S70 REP1 92/08/10	S70 REP2 92/08/10	S70 REP3 92/08/10	S70 REP4 92/08/10	S70 REP5 92/08/10	S71 REP1 92/08/10
Cnidaria				Hydrozoa (LPIL)										
Platyhelmenthes	Turbellaria			Turbellaria (LPIL)	2	0	0	0						0
		Seriata	Planaridae	Dugesia (LPIL)										0
				Dugesia Tigrina										
				Planariidae (LPIL)										
Annelida	Hirudinea	Rhynchobdellida	Glossiphoniidae	Helobdella Stagnalis										
	Oligochaeta			Oligochaeta (LPIL)										
		Tubificida	Naididae	Dero (LPIL)										
				Dero Digitata	0	97	41	103						10
				Naididae (LPIL)	0	83	14	30						7
			Tubificidae	Limnodrilus Cervix										2
				Limnodrilus Hoffmeisteri	234	194	398	246						36
				Limnodrilus (LPIL)										
				Tubificidae (LPIL)	517	914	823	933						183
Mollusca	Pelecypoda			Pelecypoda (LPIL)										
		Heterodonta	Dreissenidae	Dreissina Polymorpha										
				Mytilopsis Leucophaeata										
			Sphaeriidae	Sphaeriidae (LPIL)										
				Pisidium Compressum										
				PisidiumDubium										
				Pisidium Nitidum										
				Pisidium Walkeri										
				Sphaerium (LPIL)										
				Sphaerium Corneum										
				Sphaerium Fabale										0
				Sphaerium Nitidum										
				Sphaerium Patella										
				Sphaerium Rhomboideum										
	Gastropoda			Gastropoda (LPIL)										
		Mesogastropoda	Hydrobiidae	Amnicola Limosa										
		Basommatophora	Ancylidae	Ancylidae (LPIL)										
				Ferrissia (LPIL)										
				Ferrissia Parallela										
				Ferrissia Rivularis										
				Laevapex Fuscus										
			Physidae	Physa (LPIL)										
				Physa Gyrina										
				Physa Heterostropha										
				Physa sp.B										
				Physidae (LPIL)										
		Lymnophila	Lymnaeidae	Lymnaea (LPIL)										
			Planorbidae	Gyraulus (LPIL)										
				Gyraulus Circumstriatus										
				Gyraulus Parvus										
				Planorbidae (LPIL)										
Arthropoda		Cladocera	Macrothricidae	Ilyocryptus (LPIL)										
	Arachnida	Acarina		Acarina (LPIL)										
		Hydracarina		Hydracarina (LPIL)										
			Mideopsidae	Mideopsis sp.A										
			Sperchontidae	Sperchon (LPIL)										
				Sperchon sp.B										
				Sperchon sp.D										

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	S7 REP2 92/08/02	S7 REP3 92/08/02	S7 REP4 92/08/02	S7 REP5 92/08/02	S70 REP1 92/08/10	S70 REP2 92/08/10	S70 REP3 92/08/10	S70 REP4 92/08/10	S70 REP5 92/08/10	S71 REP1 92/08/10
				Sperchontidae (LPIL)										
			Unionicolidae	Neumania (LPIL)										
				Neumania sp.A										
				Unionicola (LPIL)										
				Unionicolidae (LPIL)										
	Crustacea	Amphipoda	Gammaridae	Gammaridae (LPIL)										4
				Gammarus (LPIL)										6
				Gammarus cf. Fasciatus										
				Gammarus Tigrinus										13
		Isopoda	Asellidae	Asellidae (LPIL)										
				Caecidotea (LPIL)										
				Caecidotea Racovitzai										0
				Caecidotea Racovitzai Racovitzai										
		Ostracoda		Ostracoda (LPIL)										
				Podocopa (LPIL)										
			Cypridae	Cypridae (LPIL)										0
			Cypridopsidae	Cypridopsidae (LPIL)										
				Cypridopsis (LPIL)										
				Cypridopsis sp.B										
	Hexapoda	Lepidoptera	Pyralidae	Acentria (LPIL)	0	0	0	0						
	Insecta	Coleoptera	Dytiscidae	Desmopachria (LPIL)										
			Elmidae	Dubiraphia (LPIL)										
				Elmidae (LPIL)										
				Macronychus (LPIL)										
				Promoresia (LPIL)										
				Stenelmis (LPIL)										
			Haliplidae	Haliplidae (LPIL)										
			Psephenidae	Ectopria (LPIL)										
			Staphylinidae	Staphylinidae (LPIL)										
		Collembola		Collembola (LPIL)										
			Entomobryidae	Entomobrya sp. A										
			Onychiuridae	Tullbergia (LPIL)										
		Diptera		Diptera (LPIL)										
			Blephariceridae	Blephariceridae (LPIL)										
			Ceratopogonidae	Ceratopogonidae (LPIL)										
			Chironomidae	Chironomidae (LPIL)	10	8	8	12						6
				Chironomidae Genus AM										
				Chironomidae Genus BG										
				Chironomidae Genus S										
				Chironomidae Genus U										
				Chironomus (LPIL)	112	148	112	124	2	0	0	0	0	32
				Cladopelma (LPIL)										0
				Cladotanytarsus (LPIL)										0
				Cricotopus (LPIL)					0	1	0	0	0	
				CryptoChironomus (LPIL)										
				Dicrotendipes (LPIL)										0
				Djalmabatista (LPIL)										
				Einfeldia (LPIL)										
				Endochironomus Nigricans										
				Eukiefferiella (LPIL)										
				Glyptotendipes (LPIL)										0
				Microtendipes (LPIL)										
				Parachironomus (LPIL)										
				Parachironomus Carinatus										
				Parachironomus Directus										
				ParaTanytarsus (LPIL)										
				Paratendipes (LPIL)										

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	S7 REP2 92/08/02	S7 REP3 92/08/02	S7 REP4 92/08/02	S7 REP5 92/08/02	S70 REP1 92/08/10	S70 REP2 92/08/10	S70 REP3 92/08/10	S70 REP4 92/08/10	S70 REP5 92/08/10	S71 REP1 92/08/10
				Polypedilum (LPIL)										
				Polypedilum Simulans Group										1
				Procladius (LPIL)										0
				Prodiamesa (LPIL)										
				PsectroTanypus (LPIL)										
				PseudoChironomus (LPIL)										
				RheoTanytarsus (LPIL)										
				Tanypus (LPIL)										
				Tanypus Stellatus										
				Tanytarsus (LPIL)	0	0	0	0						4
				Tanytarsus sp. IV	0	0	0	0						4
				Tanytarsus sp.I										
			Culicidae	Chaoborus (LPIL)										
				Culicidae (LPIL)										
			Dolichopodidae	Dolichopodidae (LPIL)										
			Psychodidae	Pericoma (LPIL)										
				Psychoda alternata										
				Psychodidae (LPIL)										
				Psychoda (LPIL)					0	1	0	0	0	
			Tipulidae	Tipulidae (LPIL)										
		Ephemeroptera	Caenidae	Caenis (LPIL)										
		Hemiptera	Hebridae	Merragata (LPIL)										
		Megaloptera	Sialidae	Sialis (LPIL)										
		Odonata		Odonata (LPIL)										
			Coenagrionidae	Coenagrionidae (LPIL)										
		Trichoptera		Trichoptera (LPIL)										
			Hydroptilidae	Hydroptila (LPIL)										
			Leptoceridae	Oecetis (LPIL)										
Rhynchocoela				Rhynchocoela (LPIL)										

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S104	S104	S104	S104	S105	S105	S105	S105	S105	S108	S108	S108	S108	S108	S109
					Replicate	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1
					Date	92/08/05	92/08/05	92/08/05	92/08/05	92/07/31	92/07/31	92/07/31	92/07/31	92/07/31	92/07/20	92/07/20	92/07/20	92/07/20	92/07/20	92/07/20
Cnidaria				Hydrozoa (LPIL)																
Platyhelmenthes	Turbellaria			Turbellaria (LPIL)		8	10	2	5	60	88	104	56	21						0
		Seriata	Planaridae	Dugesia (LPIL)		0	5	0	4	136	188	208	52	33						
				Dugesia Tigrina						12	4	8	4	0						
				Planariidae (LPIL)																
Annelida	Hirudinea	Rhynchobdellida	Glossiphoniidae	Helobdella Stagnalis																
	Oligochaeta			Oligochaeta (LPIL)		0	0	0	1											
		Tubificida	Naididae	Dero (LPIL)						4	0	0	0	0						
				Dero Digitata		23	30	27	51	16	28	32	12	58	3	12	1	0	3	37
				Naididae (LPIL)		0	12	7	13	20	12	16	4	8	11	11	2	0	0	15
			Tubificidae	Limnodrilus Cervix						0	4	0	0	8						4
				Limnodrilus Hoffmeisteri		23	41	48	38	8	12	24	4	25	0	0	4	0	0	19
				Limnodrilus (LPIL)																
				Tubificidae (LPIL)		248	457	581	514	252	324	708	356	721	2	1	17	0	3	221
Mollusca	Pelecypoda			Pelecypoda (LPIL)																
		Heterodonta	Dreissenidae	Dreissina Polymorpha																
				Mytilopsis Leucophaeata																
			Sphaeriidae	Sphaeriidae (LPIL)																0
				Pisidium Compressum																
				Pisidium Dubium																
				Pisidium Nitidum																
				Pisidium Walkeri																
				Sphaerium (LPIL)		1	0	0	0											
				Sphaerium Corneum																
				Sphaerium Fabale																
				Sphaerium Nitidum																
				Sphaerium Patella																
				Sphaerium Rhomboideum																
	Gastropoda			Gastropoda (LPIL)						12	0	0	0	0						
		Mesogastropoda	Hydrobiidae	Amnicola Limosa																
		Basommatophora	Ancylidae	Ancylidae (LPIL)																
				Ferrissia (LPIL)																
				Ferrissia Parallela																
				Ferrissia Rivularis																
				Laevapex Fuscus																
			Physidae	Physa (LPIL)																
				Physa Gyrina																
				Physa Heterostropha																
				Physa sp.B																
				Physidae (LPIL)																
		Lymnophila	Lymnaeidae	Lymnaea (LPIL)																
			Planorbidae	Gyraulus (LPIL)						0	20	0	0	0						
				Gyraulus Circumstriatus																
				Gyraulus Parvus						0	0	36	0	5						
				Planorbidae (LPIL)																

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S104	S104	S104	S104	S105	S105	S105	S105	S105	S108	S108	S108	S108	S108	S109
					Replicate	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1
					Date	92/08/05	92/08/05	92/08/05	92/08/05	92/07/31	92/07/31	92/07/31	92/07/31	92/07/31	92/07/20	92/07/20	92/07/20	92/07/20	92/07/20	92/07/20
Arthropoda		Cladocera	Macrothricidae	Ilyocryptus (LPIL)																0
	Arachnida	Acarina		Acarina (LPIL)																
		Hydracarina		Hydracarina (LPIL)						0	4	0	0	2						
			Mideopsidae	Mideopsis sp.A																
			Sperchontidae	Sperchon (LPIL)																
				Sperchon sp.B																
				Sperchon sp.D																
				Sperchontidae (LPIL)																
			Unionicolidae	Neumania (LPIL)																
				Neumania sp.A																
				Unionicola (LPIL)																
				Unionicolidae (LPIL)		0	0	0	1											
	Crustacea	Amphipoda	Gammaridae	Gammaridae (LPIL)		0	5	1	1	20	4	28	20	8						2
				Gammarus (LPIL)		31	57	11	29	0	0	0	16	0						2
				Gammarus cf. Fasciatus																
				Gammarus Tigrinus		18	4	16	17	52	52	104	84	46						7
		Isopoda	Asellidae	Asellidae (LPIL)																
				Caecidotea (LPIL)																
				Caecidotea Racovitzai																
				Caecidotea Racovitzai Racovitzai																
		Ostracoda		Ostracoda (LPIL)																0
				Podocopa (LPIL)																
			Cypridae	Cypridae (LPIL)		1	32	0	2	40	20	96	280	0						0
			Cypridopsidae	Cypridopsidae (LPIL)																
				Cypridopsis (LPIL)																
				Cypridopsis sp.B																
	Hexapoda	Lepidoptera	Pyralidae	Acentria (LPIL)																
	Insecta	Coleoptera	Dytiscidae	Desmopachria (LPIL)																
			Elmidae	Dubiraphia (LPIL)																
				Elmidae (LPIL)																
				Macronychus (LPIL)																
				Promoresia (LPIL)																
				Stenelmis (LPIL)																
			Haliplidae	Haliplidae (LPIL)																
			Psephenidae	Ectopria (LPIL)																
			Staphylinidae	Staphylinidae (LPIL)																
		Collembola		Collembola (LPIL)																
			Entomobryidae	Entomobrya sp. A																
			Onychiuridae	Tullbergia (LPIL)																

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S104	S104	S104	S104	S105	S105	S105	S105	S105	S108	S108	S108	S108	S108	S109
					Replicate	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1
					Date	92/08/05	92/08/05	92/08/05	92/08/05	92/07/31	92/07/31	92/07/31	92/07/31	92/07/31	92/07/20	92/07/20	92/07/20	92/07/20	92/07/20	92/07/20
		Diptera		Diptera (LPIL)																
			Blephariceridae	Blephariceridae (LPIL)																
			Ceratopogonidae	Ceratopogonidae (LPIL)																
			Chironomidae	Chironomidae (LPIL)		23	14	8	31	12	16	20	20	14	13	16	8	7	14	17
				Chironomidae Genus AM																
				Chironomidae Genus BG																
				Chironomidae Genus S						0	0	0	4	5						
				Chironomidae Genus U																
				Chironomus (LPIL)		49	102	53	95	0	12	4	40	15	109	70	68	18	56	18
				Cladopelma (LPIL)		6	8	9	4						0	0	0	0	1	2
				Cladotanytarsus (LPIL)		1	18	4	4	20	28	88	140	41	0	1	0	0	0	5
				Cricotopus (LPIL)		0	0	1	0	12	0	12	8	10						
				CryptoChironomus (LPIL)																
				Dicrotendipes (LPIL)		0	3	0	2	28	44	36	4	24						0
				Djalmabatista (LPIL)																
				Einfeldia (LPIL)																
				Endochironomus Nigricans																
				Eukiefferiella (LPIL)																
				Glyptotendipes (LPIL)						4	0	12	12	14						
				Microtendipes (LPIL)																
				Parachironomus (LPIL)		1	2	0	0											
				Parachironomus Carinatus																
				Parachironomus Directus																
				ParaTanytarsus (LPIL)																
				Paratendipes (LPIL)																
				Polypedilum (LPIL)						8	4	4	0	29						1
				Polypedilum Simulans Group		0	4	3	5	0	12	8	4	17						0
				Procladius (LPIL)											1	1	0	0	0	0
				Prodiamesa (LPIL)																
				PsectroTanypus (LPIL)																
				PseudoChironomus (LPIL)																
				RheoTanytarsus (LPIL)																
				Tanypus (LPIL)																
				Tanypus Stellatus																
				Tanytarsus (LPIL)		12	17	18	37	0	20	8	12	26						3
				Tanytarsus sp. IV		8	35	7	9	12	32	108	88	53						6
				Tanytarsus sp.I		3	8	1	2											3
			Culicidae	Chaoborus (LPIL)																
				Culicidae (LPIL)																
			Dolichopodidae	Dolichopodidae (LPIL)																
			Psychodidae	Pericoma (LPIL)																
				Psychoda alternata																
				Psychodidae (LPIL)																
				Psychoda (LPIL)																
			Tipulidae	Tipulidae (LPIL)																
		Ephemeroptera	Caenidae	Caenis (LPIL)																
		Hemiptera	Hebridae	Merragata (LPIL)																
		Megaloptera	Sialidae	Sialis (LPIL)																
		Odonata		Odonata (LPIL)																
			Coenagrionidae	Coenagrionidae (LPIL)																
		Trichoptera		Trichoptera (LPIL)																
			Hydroptilidae	Hydroptila (LPIL)																
			Leptoceridae	Oecetis (LPIL)																
Rhynchocoela				Rhynchocoela (LPIL)																

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S71	S71	S71	S71	S72	S72	S72	S72	S72	S73	S73	S73	S73	S73	S74
					Replicate	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1
					Date	92/08/10	92/08/10	92/08/10	92/08/10	92/08/10	92/08/10	92/08/10	92/08/10	92/08/10	92/08/10	92/08/10	92/08/10	92/08/10	92/08/10	92/07/22
Cnidaria				Hydrozoa (LPIL)																
Platyhelmenthes	Turbellaria			Turbellaria (LPIL)		0	8	3	9	0	0	0	2	0	3	19	10	16	5	0
		Seriata	Planaridae	Dugesia (LPIL)		0	0	0	1						23	31	27	9	25	
				Dugesia Tigrina											0	1	0	0	0	
				Planariidae (LPIL)																
Annelida	Hirudinea	Rhynchobdellida	Glossiphoniidae	Helobdella Stagnalis																
	Oligochaeta			Oligochaeta (LPIL)																
		Tubificida	Naididae	Dero (LPIL)																
				Dero Digitata		25	43	12	98	0	21	21	23	17	0	4	0	0	0	30
				Naididae (LPIL)		12	11	0	0	5	32	15	13	6	0	4	4	2	0	47
			Tubificidae	Limnodrilus Cervix		12	0	0	12	0	0	0	3	0	7	2	7	3	7	0
				Limnodrilus Hoffmeisteri		197	44	44	37	2	0	2	0	6	33	0	11	7	4	47
				Limnodrilus (LPIL)																
				Tubificidae (LPIL)		975	906	584	1064	237	307	169	290	247	596	192	341	151	345	263
Mollusca	Pelecypoda			Pelecypoda (LPIL)																
		Heterodonta	Dreissenidae	Dreissina Polymorpha																
				Mytilopsis Leucophaeata																
			Sphaeriidae	Sphaeriidae (LPIL)																
				Pisidium Compressum																
				PisidiumDubium																
				Pisidium Nitidum																
				Pisidium Walkeri																
				Sphaerium (LPIL)																
				Sphaerium Corneum																
				Sphaerium Fabale		0	1	0	0						0	0	0	0	1	
				Sphaerium Nitidum																
				Sphaerium Patella																
				Sphaerium Rhomboideum																
	Gastropoda			Gastropoda (LPIL)																
		Mesogastropoda	Hydrobiidae	Amnicola Limosa																
		Basommatophora	Ancylidae	Ancylidae (LPIL)																
				Ferrissia (LPIL)																
				Ferrissia Parallela																
				Ferrissia Rivularis																
				Laevapex Fuscus																
			Physidae	Physa (LPIL)																
				Physa Gyrina																
				Physa Heterostropha																
				Physa sp.B																
				Physidae (LPIL)																
		Lymnophila	Lymnaeidae	Lymnaea (LPIL)																
			Planorbidae	Gyraulus (LPIL)																
				Gyraulus Circumstriatus																
				Gyraulus Parvus																
				Planorbidae (LPIL)											0	0	1	0	1	
Arthropoda		Cladocera	Macrothricidae	Ilyocryptus (LPIL)																
	Arachnida	Acarina		Acarina (LPIL)																
		Hydracarina		Hydracarina (LPIL)											0	0	0	1	0	
			Mideopsidae	Mideopsis sp.A																
			Sperchontidae	Sperchon (LPIL)																
				Sperchon sp.B																
				Sperchon sp.D																

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S71	S71	S71	S71	S72	S72	S72	S72	S72	S73	S73	S73	S73	S73	S74
					Replicate	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1
					Date	92/08/10	92/08/10	92/08/10	92/08/10	92/08/10	92/08/10	92/08/10	92/08/10	92/08/10	92/08/10	92/08/10	92/08/10	92/08/10	92/08/10	92/07/22
				Sperchontidae (LPIL)																
			Unionicolidae	Neumania (LPIL)																
				Neumania sp.A																
				Unionicola (LPIL)																
				Unionicolidae (LPIL)																
	Crustacea	Amphipoda	Gammaridae	Gammaridae (LPIL)		3	1	0	0						7	21	1	22	7	0
				Gammarus (LPIL)		6	8	2	10	0	0	1	0	1	8	9	17	34	7	0
				Gammarus cf. Fasciatus																
				Gammarus Tigrinus		22	50	8	50	0	3	2	2	5	151	87	52	140	89	3
		Isopoda	Asellidae	Asellidae (LPIL)																
				Caecidotea (LPIL)											0	0	0	0	1	
				Caecidotea Racovitzai		0	0	1	0											
				Caecidotea Racovitzai Racovitzai																
		Ostracoda		Ostracoda (LPIL)																
				Podocopa (LPIL)																
			Cypridae	Cypridae (LPIL)		0	0	0	1						5	0	2	0	4	
			Cypridopsidae	Cypridopsidae (LPIL)																
				Cypridopsis (LPIL)																
				Cypridopsis sp.B																
	Hexapoda	Lepidoptera	Pyralidae	Acentria (LPIL)																
	Insecta	Coleoptera	Dytiscidae	Desmopachria (LPIL)																
			Elmidae	Dubiraphia (LPIL)																
				Elmidae (LPIL)																
				Macronychus (LPIL)																
				Promoresia (LPIL)																
				Stenelmis (LPIL)																
			Haliplidae	Haliplidae (LPIL)																
			Psephenidae	Ectopria (LPIL)																
			Staphylinidae	Staphylinidae (LPIL)																
		Collembola		Collembola (LPIL)																
			Entomobryidae	Entomobrya sp. A																
			Onychiuridae	Tullbergia (LPIL)																
		Diptera		Diptera (LPIL)																
			Blephariceridae	Blephariceridae (LPIL)																
			Ceratopogonidae	Ceratopogonidae (LPIL)																
			Chironomidae	Chironomidae (LPIL)		14	13	1	9	8	9	9	8	16	60	15	13	11	5	2
				Chironomidae Genus AM																
				Chironomidae Genus BG																
				Chironomidae Genus S											0	2	1	0	0	0
				Chironomidae Genus U																
				Chironomus (LPIL)		206	90	32	152	36	64	34	56	45	91	22	31	19	21	61
				Cladopelma (LPIL)		10	1	0	0	0	3	1	1	1	5	1	5	1	2	1
				Cladotanytarsus (LPIL)		3	0	0	0						21	7	8	5	3	42
				Cricotopus (LPIL)											0	0	0	2	1	
				CryptoChironomus (LPIL)																
				Dicrotendipes (LPIL)		0	3	0	0						6	6	18	2	2	0
				Djalmabatista (LPIL)																
				Einfeldia (LPIL)																
				Endochironomus Nigricans																
				Eukiefferiella (LPIL)																
				Glyptotendipes (LPIL)		3	1	0	2	0	0	0	1	0	0	2	3	1	2	
				Microtendipes (LPIL)																
				Parachironomus (LPIL)											0	0	3	2	0	
				Parachironomus Carinatus																
				Parachironomus Directus																
				ParaTanytarsus (LPIL)																
				Paratendipes (LPIL)																

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station Replicate Date	S71 REP2 92/08/10	S71 REP3 92/08/10	S71 REP4 92/08/10	S71 REP5 92/08/10	S72 REP1 92/08/10	S72 REP2 92/08/10	S72 REP3 92/08/10	S72 REP4 92/08/10	S72 REP5 92/08/10	S73 REP1 92/08/10	S73 REP2 92/08/10	S73 REP3 92/08/10	S73 REP4 92/08/10	S73 REP5 92/08/10	S74 REP1 92/07/22
				Polypedilum (LPIL)											5	3	10	0	1	
				Polypedilum Simulans Group		0	0	0	2						8	1	5	0	1	
				Procladius (LPIL)		0	1	0	0	0	4	2	2	2	3	0	3	1	0	
				Prodiamesa (LPIL)																
				PsectroTanypus (LPIL)																
				PseudoChironomus (LPIL)																
				RheoTanytarsus (LPIL)																
				Tanypus (LPIL)																
				Tanypus Stellatus																
				Tanytarsus (LPIL)		4	13	1	11	2	2	0	1	3	47	19	32	11	12	14
				Tanytarsus sp. IV		26	20	2	9	0	1	0	2	0	37	44	44	25	33	11
				Tanytarsus sp.I																1
			Culicidae	Chaoborus (LPIL)																
				Culicidae (LPIL)																
			Dolichopodidae	Dolichopodidae (LPIL)																
			Psychodidae	Pericoma (LPIL)																
				Psychoda alternata																
				Psychodidae (LPIL)																
				Psychoda (LPIL)																
			Tipulidae	Tipulidae (LPIL)																
		Ephemeroptera	Caenidae	Caenis (LPIL)																
		Hemiptera	Hebridae	Merragata (LPIL)																
		Megaloptera	Sialidae	Sialis (LPIL)																
		Odonata		Odonata (LPIL)																
			Coenagrionidae	Coenagrionidae (LPIL)																
		Trichoptera		Trichoptera (LPIL)																
			Hydroptilidae	Hydroptila (LPIL)																
			Leptoceridae	Oecetis (LPIL)																
Rhynchocoela				Rhynchocoela (LPIL)																

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S109	S109	S109	S109	S11	S11	S11	S11	S11	S110	S110	S110	S110	S110	S111	S111
					Replicate	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2
					Date	92/07/20	92/07/20	92/07/20	92/07/20	92/08/03	92/08/03	92/08/03	92/08/03	92/08/03	92/07/20	92/07/20	92/07/20	92/07/20	92/07/20	92/08/05	92/08/05
Cnidaria				Hydrozoa (LPIL)																	
Platyhelmenthes	Turbellaria			Turbellaria (LPIL)		8	36	0	4	7	9	0	0	0	2	0	6	0	6	1	0
		Seriata	Planaridae	Dugesia (LPIL)																	
				Dugesia Tigrina																	
				Planariidae (LPIL)																	
Annelida	Hirudinea	Rhynchobdellida	Glossiphoniidae	Helobdella Stagnalis																	
	Oligochaeta			Oligochaeta (LPIL)																	
		Tubificida	Naididae	Dero (LPIL)																	
				Dero Digitata		32	84	24	8	0	205	169	132	149	26	24	8	53	32	34	30
				Naididae (LPIL)		52	140	52	28	143	146	48	58	30	12	10	8	13	8	41	17
			Tubificidae	Limnodrilus Cervix		0	0	4	8						8	0	10	20	8	0	0
				Limnodrilus Hoffmeisteri		36	24	0	4	161	175	121	248	268	14	4	0	13	4	27	12
				Limnodrilus (LPIL)																	
				Tubificidae (LPIL)		644	964	308	220	1252	2397	1985	702	2417	268	250	138	477	292	199	172
Mollusca	Pelecypoda			Pelecypoda (LPIL)																	
		Heterodonta	Dreissenidae	Dreissina Polymorpha																	
				Mytilopsis Leucophaeata																	
			Sphaeriidae	Sphaeriidae (LPIL)		0	0	4	0												
				Pisidium Compressum																	
				Pisidium Dubium																	
				Pisidium Nitidum																	
				Pisidium Walkeri																	
				Sphaerium (LPIL)																	
				Sphaerium Corneum																	
				Sphaerium Fabale																	
				Sphaerium Nitidum																	
				Sphaerium Patella																	
				Sphaerium Rhomboideum																	
	Gastropoda			Gastropoda (LPIL)											0	0	0	0	1		
		Mesogastropoda	Hydrobiidae	Amnicola Limosa																	
		Basommatophora	Ancylidae	Ancylidae (LPIL)																	
				Ferrissia (LPIL)																	
				Ferrissia Parallela																	
				Ferrissia Rivularis																	
				Laevapex Fuscus																	
			Physidae	Physa (LPIL)																	
				Physa Gyrina																	
				Physa Heterostropha																	
				Physa sp.B																	
				Physidae (LPIL)																	
		Lymnophila	Lymnaeidae	Lymnaea (LPIL)																	
			Planorbidae	Gyraulus (LPIL)																	
				Gyraulus Circumstriatus											0	0	0	6	0		
				Gyraulus Parvus																	
				Planorbidae (LPIL)																	

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S109	S109	S109	S109	S11	S11	S11	S11	S11	S110	S110	S110	S110	S110	S111	S111
					Replicate	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2
					Date	92/07/20	92/07/20	92/07/20	92/07/20	92/08/03	92/08/03	92/08/03	92/08/03	92/08/03	92/07/20	92/07/20	92/07/20	92/07/20	92/07/20	92/08/05	92/08/05
Arthropoda		Cladocera	Macrothricidae	Ilyocryptus (LPIL)		0	16	0	0	2	1	0	0	0	0	0	0	1	2		
	Arachnida	Acarina		Acarina (LPIL)																	
		Hydracarina		Hydracarina (LPIL)																	
			Mideopsidae	Mideopsis sp.A																	
			Sperchontidae	Sperchon (LPIL)																	
				Sperchon sp.B																	
				Sperchon sp.D																	
				Sperchontidae (LPIL)											0	0	0	1	0		
			Unionicolidae	Neumania (LPIL)																	
				Neumania sp.A																0	0
				Unionicola (LPIL)																	
				Unionicolidae (LPIL)																	
	Crustacea	Amphipoda	Gammaridae	Gammaridae (LPIL)		4	8	4	8						4	2	2	0	24		
				Gammarus (LPIL)		0	0	4	0						0	8	0	2	8	0	0
				Gammarus cf. Fasciatus																	
				Gammarus Tigrinus		16	20	8	8	2	2	0	0	4	46	26	10	7	24	0	0
		Isopoda	Asellidae	Asellidae (LPIL)																	
				Caecidotea (LPIL)																	
				Caecidotea Racovitzai																	
				Caecidotea Racovitzai Racovitzai																	
		Ostracoda		Ostracoda (LPIL)		0	1	0	4						2	0	0	2	0		
				Podocopa (LPIL)																	
			Cypridae	Cypridae (LPIL)		4	32	0	0						2	0	0	0	22	1	0
			Cypridopsidae	Cypridopsidae (LPIL)																	
				Cypridopsis (LPIL)																	
				Cypridopsis sp.B																	
	Hexapoda	Lepidoptera	Pyralidae	Acentria (LPIL)						0	0	6	16	8							
	Insecta	Coleoptera	Dytiscidae	Desmopachria (LPIL)																	
			Elmidae	Dubiraphia (LPIL)																	
				Elmidae (LPIL)																	
				Macronychus (LPIL)																	
				Promoresia (LPIL)																	
				Stenelmis (LPIL)																	
			Haliplidae	Haliplidae (LPIL)																	
			Psephenidae	Ectopria (LPIL)																	
			Staphylinidae	Staphylinidae (LPIL)																	
		Collembola		Collembola (LPIL)																	
			Entomobryidae	Entomobrya sp. A																	
			Onychiuridae	Tullbergia (LPIL)																	

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S109	S109	S109	S109	S11	S11	S11	S11	S11	S110	S110	S110	S110	S110	S111	S111
					Replicate	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2
					Date	92/07/20	92/07/20	92/07/20	92/07/20	92/08/03	92/08/03	92/08/03	92/08/03	92/08/03	92/07/20	92/07/20	92/07/20	92/07/20	92/07/20	92/08/05	92/08/05
		Diptera		Diptera (LPIL)																0	0
			Blephariceridae	Blephariceridae (LPIL)						0	1	0	0	0							
			Ceratopogonidae	Ceratopogonidae (LPIL)																	
			Chironomidae	Chironomidae (LPIL)		12	12	28	8	45	40	27	64	164	14	16	2	32	32	16	5
				Chironomidae Genus AM																	
				Chironomidae Genus BG						1	1	1	8	16							
				Chironomidae Genus S											4	0	2	0	2		
				Chironomidae Genus U											0	0	0	1	2		
				Chironomus (LPIL)		52	16	40	24	98	119	119	148	103	56	38	26	99	90	24	24
				Cladopelma (LPIL)		4	0	0	0	0	0	0	0	4	4	0	8	18	8	1	2
				Cladotanytarsus (LPIL)		20	4	0	0						22	30	18	12	22	1	0
				Cricotopus (LPIL)						3	9	19	68	48							
				CryptoChironomus (LPIL)																0	1
				Dicrotendipes (LPIL)		12	0	0	0	4	18	12	20	80	18	2	6	38	28		
				Djalmabatista (LPIL)																	
				Einfeldia (LPIL)																	
				Endochironomus Nigricans																	
				Eukiefferiella (LPIL)																	
				Glyptotendipes (LPIL)						0	13	3	4	44	0	2	2	4	0		
				Microtendipes (LPIL)																	
				Parachironomus (LPIL)						0	39	9	40	76						0	0
				Parachironomus Carinatus																	
				Parachironomus Directus																	
				ParaTanytarsus (LPIL)																	
				Paratendipes (LPIL)																	
				Polypedilum (LPIL)		12	20	8	4						2	4	0	15	2	3	0
				Polypedilum Simulans Group		0	8	0	0											3	2
				Procladius (LPIL)		4	8	0	0						4	0	2	3	0	0	0
				Prodiamesa (LPIL)																	
				PsectroTanypus (LPIL)																	
				PseudoChironomus (LPIL)																	
				RheoTanytarsus (LPIL)																	
				Tanypus (LPIL)																	
				Tanypus Stellatus																	
				Tanytarsus (LPIL)		32	16	0	20	0	0	1	0	0	46	44	40	61	66	10	3
				Tanytarsus sp. IV		36	28	16	8						40	26	30	42	48	12	6
				Tanytarsus sp.I		16	8	4	0						10	10	10	12	14		
			Culicidae	Chaoborus (LPIL)																	
				Culicidae (LPIL)																	
			Dolichopodidae	Dolichopodidae (LPIL)																	
			Psychodidae	Pericoma (LPIL)																	
				Psychoda alternata																	
				Psychodidae (LPIL)																	
				Psychoda (LPIL)																	
			Tipulidae	Tipulidae (LPIL)																	
		Ephemeroptera	Caenidae	Caenis (LPIL)																	
		Hemiptera	Hebridae	Merragata (LPIL)																	
		Megaloptera	Sialidae	Sialis (LPIL)																	
		Odonata		Odonata (LPIL)																	
			Coenagrionidae	Coenagrionidae (LPIL)						1	0	0	0	0							
		Trichoptera		Trichoptera (LPIL)																	
			Hydroptilidae	Hydroptila (LPIL)																	
			Leptoceridae	Oecetis (LPIL)																	
Rhynchocoela				Rhynchocoela (LPIL)																	

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S74	S74	S74	S74	S75	S75	S75	S75	S75	S76	S76	S76	S76	S76	S77	S77
					Replicate	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2
					Date	92/07/22	92/07/22	92/07/22	92/07/22	92/07/21	92/07/21	92/07/21	92/07/21	92/07/21	92/07/22	92/07/22	92/07/22	92/07/22	92/07/22	92/07/22	92/07/22
Cnidaria				Hydrozoa (LPIL)																	
Platyhelmenthes	Turbellaria			Turbellaria (LPIL)		1	0	0	0	0	3	7	3	0	0	0	8	6	0	24	8
		Seriata	Planaridae	Dugesia (LPIL)																	
				Dugesia Tigrina																	
				Planariidae (LPIL)											1	0	0	0	0		
Annelida	Hirudinea	Rhynchobdellida	Glossiphoniidae	Helobdella Stagnalis																	
	Oligochaeta			Oligochaeta (LPIL)																	
		Tubificida	Naididae	Dero (LPIL)																	
				Dero Digitata		10	0	15	19	14	65	8	18	0	0	44	16	65	96	204	124
				Naididae (LPIL)		48	10	19	14	22	15	8	12	2	17	40	4	57	56	52	52
			Tubificidae	Limnodrilus Cervix		5	0	8	0	22	5	8	30	6	13	12	0	65	8	12	28
				Limnodrilus Hoffmeisteri		48	8	57	19	50	25	57	48	18	74	44	24	122	80	32	36
				Limnodrilus (LPIL)																	
				Tubificidae (LPIL)		345	61	228	134	559	377	662	459	107	310	472	64	399	448	668	464
Mollusca	Pelecypoda			Pelecypoda (LPIL)																	
		Heterodonta	Dreissenidae	Dreissina Polymorpha																	
				Mytilopsis Leucophaeata																	
			Sphaeriidae	Sphaeriidae (LPIL)																	
				Pisidium Compressum																	
				PisidiumDubium																	
				Pisidium Nitidum																	
				Pisidium Walkeri																	
				Sphaerium (LPIL)																	
				Sphaerium Corneum																	
				Sphaerium Fabale																	
				Sphaerium Nitidum																	
				Sphaerium Patella																	
				Sphaerium Rhomboideum																	
	Gastropoda			Gastropoda (LPIL)																	
		Mesogastropoda	Hydrobiidae	Amnicola Limosa																	
		Basommatophora	Ancylidae	Ancylidae (LPIL)																	
				Ferrissia (LPIL)																	
				Ferrissia Parallela																	
				Ferrissia Rivularis																	
				Laevapex Fuscus																	
			Physidae	Physa (LPIL)																	
				Physa Gyrina																	
				Physa Heterostropha																	
				Physa sp.B																	
				Physidae (LPIL)																	
		Lymnophila	Lymnaeidae	Lymnaea (LPIL)																	
			Planorbidae	Gyraulus (LPIL)																	
				Gyraulus Circumstriatus																	
				Gyraulus Parvus																	
				Planorbidae (LPIL)																	
Arthropoda		Cladocera	Macrothricidae	Ilyocryptus (LPIL)																	
	Arachnida	Acarina		Acarina (LPIL)																	
		Hydracarina		Hydracarina (LPIL)																	
			Mideopsidae	Mideopsis sp.A																	
			Sperchontidae	Sperchon (LPIL)											0	0	0	1	0		
				Sperchon sp.B																	
				Sperchon sp.D																	

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S74	S74	S74	S74	S75	S75	S75	S75	S75	S76	S76	S76	S76	S76	S77	S77
					Replicate	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2
					Date	92/07/22	92/07/22	92/07/22	92/07/22	92/07/21	92/07/21	92/07/21	92/07/21	92/07/21	92/07/22	92/07/22	92/07/22	92/07/22	92/07/22	92/07/22	92/07/22
				Sperchontidae (LPIL)																	
			Unionicolidae	Neumania (LPIL)																	
				Neumania sp.A																	
				Unionicola (LPIL)																	
				Unionicolidae (LPIL)																	
	Crustacea	Amphipoda	Gammaridae	Gammaridae (LPIL)		3	0	3	0	0	1	0	0	0	2	8	0	0	0	12	0
				Gammarus (LPIL)		0	0	2	0	0	3	0	0	2	1	0	0	3	0	0	0
				Gammarus cf. Fasciatus																	
				Gammarus Tigrinus		2	0	6	2	5	5	9	4	3	6	4	8	11	8	12	12
		Isopoda	Asellidae	Asellidae (LPIL)																	
				Caecidotea (LPIL)																	
				Caecidotea Racovitzai																	
				Caecidotea Racovitzai Racovitzai																	
		Ostracoda		Ostracoda (LPIL)																	
				Podocopa (LPIL)																	
			Cypridae	Cypridae (LPIL)						0	0	0	2	0	1	8	0	0	0	0	4
			Cypridopsidae	Cypridopsidae (LPIL)																	
				Cypridopsis (LPIL)																	
				Cypridopsis sp.B																	
	Hexapoda	Lepidoptera	Pyralidae	Acentria (LPIL)																	
	Insecta	Coleoptera	Dytiscidae	Desmopachria (LPIL)																	
			Elmidae	Dubiraphia (LPIL)						1	0	0	2	1							
				Elmidae (LPIL)																	
				Macronychus (LPIL)						0	0	0	1	0							
				Promoresia (LPIL)																	
				Stenelmis (LPIL)																	
			Haliplidae	Haliplidae (LPIL)																	
			Psephenidae	Ectopria (LPIL)																	
			Staphylinidae	Staphylinidae (LPIL)																	
		Collembola		Collembola (LPIL)																	
			Entomobryidae	Entomobrya sp. A																	
			Onychiuridae	Tullbergia (LPIL)																	
		Diptera		Diptera (LPIL)																	
			Blephariceridae	Blephariceridae (LPIL)																	
			Ceratopogonidae	Ceratopogonidae (LPIL)																	
			Chironomidae	Chironomidae (LPIL)		4	0	0	2	11	4	14	17	4	1	4	0	1	0	4	0
				Chironomidae Genus AM																	
				Chironomidae Genus BG																	
				Chironomidae Genus S		0	0	0	2						0	0	0	3	0		
				Chironomidae Genus U																	
				Chironomus (LPIL)		80	9	20	5	175	133	196	123	76	23	32	12	52	28	40	20
				Cladopelma (LPIL)		4	0	0	2	0	3	3	4	1	0	0	0	1	4		
				Cladotanytarsus (LPIL)		19	0	16	7	9	2	8	0	0	2	4	0	13	0	4	0
				Cricotopus (LPIL)																	
				CryptoChironomus (LPIL)																	
				Dicrotendipes (LPIL)		4	0	0	0	4	0	0	0	0	0	4	0	0	0		
				Djalmabatista (LPIL)																	
				Einfeldia (LPIL)																	
				Endochironomus Nigricans																	
				Eukiefferiella (LPIL)																	
				Glyptotendipes (LPIL)																	
				Microtendipes (LPIL)																	
				Parachironomus (LPIL)																	
				Parachironomus Carinatus																	
				Parachironomus Directus																	
				ParaTanytarsus (LPIL)																	
				Paratendipes (LPIL)																	

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S74	S74	S74	S74	S75	S75	S75	S75	S75	S76	S76	S76	S76	S76	S77	S77
					Replicate	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2
					Date	92/07/22	92/07/22	92/07/22	92/07/22	92/07/21	92/07/21	92/07/21	92/07/21	92/07/21	92/07/22	92/07/22	92/07/22	92/07/22	92/07/22	92/07/22	92/07/22
				Polypedilum (LPIL)																	
				Polypedilum Simulans Group						0	0	3	2	0							
				Procladius (LPIL)						2	3	0	0	0	0	0	0	1	0		
				Prodiamesa (LPIL)																	
				PsectroTanypus (LPIL)																	
				PseudoChironomus (LPIL)																	
				RheoTanytarsus (LPIL)																	
				Tanypus (LPIL)																	
				Tanypus Stellatus																	
				Tanytarsus (LPIL)		14	0	6	7	22	23	41	36	2	7	8	4	14	4	9	0
				Tanytarsus sp. IV		3	0	0	0	2	3	11	8	1	0	0	0	16	0	4	0
				Tanytarsus sp.I		3	0	1	0	0	3	3	4	0	10	0	12	10	4	8	4
			Culicidae	Chaoborus (LPIL)																	
				Culicidae (LPIL)																	
			Dolichopodidae	Dolichopodidae (LPIL)																	
			Psychodidae	Pericoma (LPIL)																	
				Psychoda alternata																	
				Psychodidae (LPIL)																	
				Psychoda (LPIL)																	
			Tipulidae	Tipulidae (LPIL)																	
		Ephemeroptera	Caenidae	Caenis (LPIL)																	
		Hemiptera	Hebridae	Merragata (LPIL)																	
		Megaloptera	Sialidae	Sialis (LPIL)																	
		Odonata		Odonata (LPIL)																	
			Coenagrionidae	Coenagrionidae (LPIL)																	
		Trichoptera		Trichoptera (LPIL)																	
			Hydroptilidae	Hydroptila (LPIL)																	
			Leptoceridae	Oecetis (LPIL)																	
Rhynchocoela				Rhynchocoela (LPIL)																	

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S111	S111	S111	S112	S112	S112	S112	S112	S12	S12	S12	S12	S12	S13	S13	S13
					Replicate	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3
					Date	92/08/05	92/08/05	92/08/05	92/08/05	92/08/05	92/08/05	92/08/05	92/08/05	92/08/06	92/08/06	92/08/06	92/08/06	92/08/06	92/08/03	92/08/03	92/08/03
Cnidaria				Hydrozoa (LPIL)																	
Platyhelmenthes	Turbellaria			Turbellaria (LPIL)		1	1	0	8	0	52	1	19	8	8	12	4	0	0	0	1
		Seriata	Planaridae	Dugesia (LPIL)																	
				Dugesia Tigrina																	
				Planariidae (LPIL)																	
Annelida	Hirudinea	Rhynchobdellida	Glossiphoniidae	Helobdella Stagnalis																	
	Oligochaeta			Oligochaeta (LPIL)																	
		Tubificida	Naididae	Dero (LPIL)										12	0	0	0	29			
				Dero Digitata		69	36	44	66	6	49	23	38	135	77	280	170	260	0	35	0
				Naididae (LPIL)		16	8	12	29	17	14	0	0	37	20	160	114	260	13	52	0
			Tubificidae	Limnodrilus Cervix		2	0	0	7	0	14	0	0	61	10	40	170	87	40	312	160
				Limnodrilus Hoffmeisteri		8	13	23	109	17	14	53	28	122	40	20	114	87	123	294	176
				Limnodrilus (LPIL)																	
				Tubificidae (LPIL)		144	187	195	484	205	484	245	684	762	728	1417	1249	1926	233	1174	801
Mollusca	Pelecypoda			Pelecypoda (LPIL)																	
		Heterodonta	Dreissenidae	Dreissina Polymorpha																	
				Mytilopsis Leucophaeata																	
			Sphaeriidae	Sphaeriidae (LPIL)																	
				Pisidium Compressum																	
				Pisidium Dubium															0	2	0
				Pisidium Nitidum																	
				Pisidium Walkeri															0	0	1
				Sphaerium (LPIL)																	
				Sphaerium Corneum																	
				Sphaerium Fabale					0	0	1	0	0								
				Sphaerium Nitidum															1	1	2
				Sphaerium Patella																	
				Sphaerium Rhomboideum															0	0	0
	Gastropoda			Gastropoda (LPIL)					0	0	0	1	0								
		Mesogastropoda	Hydrobiidae	Amnicola Limosa																	
		Basommatophora	Ancylidae	Ancylidae (LPIL)																	
				Ferrissia (LPIL)																	
				Ferrissia Parallela																	
				Ferrissia Rivularis																	
				Laevapex Fuscus																	
			Physidae	Physa (LPIL)																	
				Physa Gyrina																	
				Physa Heterostropha																	
				Physa sp.B																	
				Physidae (LPIL)																	
		Lymnophila	Lymnaeidae	Lymnaea (LPIL)																	
			Planorbidae	Gyraulus (LPIL)																	
				Gyraulus Circumstriatus																	
				Gyraulus Parvus																	
				Planorbidae (LPIL)																	

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S111	S111	S111	S112	S112	S112	S112	S112	S12	S12	S12	S12	S12	S13	S13	S13
					Replicate	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3
					Date	92/08/05	92/08/05	92/08/05	92/08/05	92/08/05	92/08/05	92/08/05	92/08/05	92/08/06	92/08/06	92/08/06	92/08/06	92/08/06	92/08/03	92/08/03	92/08/03
Arthropoda		Cladocera	Macrothricidae	Ilyocryptus (LPIL)															0	1	0
	Arachnida	Acarina		Acarina (LPIL)					0	0	1	0	0								
		Hydracarina		Hydracarina (LPIL)																	
			Mideopsidae	Mideopsis sp.A																	
			Sperchontidae	Sperchon (LPIL)																	
				Sperchon sp.B																	
				Sperchon sp.D																	
				Sperchontidae (LPIL)																	
			Unionicolidae	Neumania (LPIL)																	
				Neumania sp.A		0	2	0													
				Unionicola (LPIL)																	
				Unionicolidae (LPIL)																	
	Crustacea	Amphipoda	Gammaridae	Gammaridae (LPIL)					4	0	1	0	1								
				Gammarus (LPIL)		1	1	0	8	0	11	2	4	4	0	0	2	4			
				Gammarus cf. Fasciatus																	
				Gammarus Tigrinus		0	0	1	15	2	37	1	18	4	0	0	4	0			
		Isopoda	Asellidae	Asellidae (LPIL)																	
				Caecidotea (LPIL)																	
				Caecidotea Racovitzai					0	0	1	0	0								
				Caecidotea Racovitzai Racovitzai																	
		Ostracoda		Ostracoda (LPIL)																	
				Podocopa (LPIL)																	
			Cypridae	Cypridae (LPIL)		0	0	0	3	0	37	1	9								
			Cypridopsidae	Cypridopsidae (LPIL)																	
				Cypridopsis (LPIL)																	
				Cypridopsis sp.B																	
	Hexapoda	Lepidoptera	Pyralidae	Acentria (LPIL)																	
	Insecta	Coleoptera	Dytiscidae	Desmopachria (LPIL)																	
			Elmidae	Dubiraphia (LPIL)																	
				Elmidae (LPIL)																	
				Macronychus (LPIL)																	
				Promoresia (LPIL)																	
				Stenelmis (LPIL)																	
			Haliplidae	Haliplidae (LPIL)																	
			Psephenidae	Ectopria (LPIL)																	
			Staphylinidae	Staphylinidae (LPIL)																	
		Collembola		Collembola (LPIL)																	
			Entomobryidae	Entomobrya sp. A					1	0	0	0	0								
			Onychiuridae	Tullbergia (LPIL)																	

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S111	S111	S111	S112	S112	S112	S112	S112	S12	S12	S12	S12	S12	S13	S13	S13
					Replicate	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3
					Date	92/08/05	92/08/05	92/08/05	92/08/05	92/08/05	92/08/05	92/08/05	92/08/05	92/08/06	92/08/06	92/08/06	92/08/06	92/08/06	92/08/03	92/08/03	92/08/03
		Diptera		Diptera (LPIL)		0	0	1													
			Blephariceridae	Blephariceridae (LPIL)																	
			Ceratopogonidae	Ceratopogonidae (LPIL)																	
			Chironomidae	Chironomidae (LPIL)		9	7	8	5	1	15	2	13	2	12	0	0	0	2	19	9
				Chironomidae Genus AM																	
				Chironomidae Genus BG																	
				Chironomidae Genus S																	
				Chironomidae Genus U																	
				Chironomus (LPIL)		16	19	45	11	4	10	5	11	3	80	6	20	16	28	66	39
				Cladopelma (LPIL)		1	0	4	1	0	1	2	2						0	0	1
				Cladotanytarsus (LPIL)		1	1	2	8	1	2	1	5								
				Cricotopus (LPIL)															1	0	0
				CryptoChironomus (LPIL)		1	0	0													
				Dicrotendipes (LPIL)																	
				Djalmabatista (LPIL)																	
				Einfeldia (LPIL)																	
				Endochironomus Nigricans																	
				Eukiefferiella (LPIL)																	
				Glyptotendipes (LPIL)																	
				Microtendipes (LPIL)																	
				Parachironomus (LPIL)		0	0	1	0	0	1	0	1								
				Parachironomus Carinatus					0	0	0	1	0								
				Parachironomus Directus																	
				ParaTanytarsus (LPIL)																	
				Paratendipes (LPIL)																	
				Polypedilum (LPIL)		0	0	0	1	0	1	0	0								
				Polypedilum Simulans Group		0	0	1	1	0	1	0	0								
				Procladius (LPIL)		1	0	3	2	0	2	0	5	0	4	0	0	0	1	6	3
				Prodiamesa (LPIL)																	
				PsectroTanypus (LPIL)																	
				PseudoChironomus (LPIL)																	
				RheoTanytarsus (LPIL)																	
				Tanypus (LPIL)															2	1	2
				Tanypus Stellatus																	
				Tanytarsus (LPIL)		6	4	6	15	1	32	1	30	0	4	0	0	0			
				Tanytarsus sp. IV		14	10	9	33	1	11	18	12								
				Tanytarsus sp.I					3	0	0	0	0								
			Culicidae	Chaoborus (LPIL)																	
				Culicidae (LPIL)																	
			Dolichopodidae	Dolichopodidae (LPIL)																	
			Psychodidae	Pericoma (LPIL)																	
				Psychoda alternata																	
				Psychodidae (LPIL)										1	0	0	0	0			
				Psychoda (LPIL)																	
			Tipulidae	Tipulidae (LPIL)																	
		Ephemeroptera	Caenidae	Caenis (LPIL)																	
		Hemiptera	Hebridae	Merragata (LPIL)																	
		Megaloptera	Sialidae	Sialis (LPIL)																	
		Odonata		Odonata (LPIL)																	
			Coenagrionidae	Coenagrionidae (LPIL)																	
		Trichoptera		Trichoptera (LPIL)																	
			Hydroptilidae	Hydroptila (LPIL)																	
			Leptoceridae	Oecetis (LPIL)																	
Rhynchocoela				Rhynchocoela (LPIL)																	

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S77	S77	S77	S8	S8	S8	S8	S8	S82	S82	S82	S82	S82	S83	S83	S83
					Replicate	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3
					Date	92/07/22	92/07/22	92/07/22	92/08/09	92/08/09	92/08/09	92/08/09	92/08/09	92/07/21	92/07/21	92/07/21	92/07/21	92/07/21	92/07/21	92/07/21	92/07/21
Cnidaria				Hydrozoa (LPIL)																	
Platyhelmenthes	Turbellaria			Turbellaria (LPIL)		8	0	4						0	4	0	0	7	0	0	12
		Seriata	Planaridae	Dugesia (LPIL)																	
				Dugesia Tigrina																	
				Planariidae (LPIL)																	
Annelida	Hirudinea	Rhynchobdellida	Glossiphoniidae	Helobdella Stagnalis																	
	Oligochaeta			Oligochaeta (LPIL)																	
		Tubificida	Naididae	Dero (LPIL)																	
				Dero Digitata		72	12	99	0	0	4	1	0	0	8	4	0	0	12	8	8
				Naididae (LPIL)		24	8	40	0	0	1	0	1	0	0	12	0	0	4	0	8
			Tubificidae	Limnodrilus Cervix		12	8	13	0	0	1	1	0	4	28	16	24	26	4	28	16
				Limnodrilus Hoffmeisteri		44	44	66	4	0	4	14	1	8	60	20	64	73	24	56	108
				Limnodrilus (LPIL)																	
				Tubificidae (LPIL)		448	336	418	20	6	32	53	8	252	776	320	680	556	492	808	676
Mollusca	Pelecypoda			Pelecypoda (LPIL)																	
		Heterodonta	Dreissenidae	Dreissina Polymorpha																	
				Mytilopsis Leucophaeata																	
			Sphaeriidae	Sphaeriidae (LPIL)															0	0	0
				Pisidium Compressum																	
				PisidiumDubium																	
				Pisidium Nitidum																	
				Pisidium Walkeri																	
				Sphaerium (LPIL)																	
				Sphaerium Corneum																	
				Sphaerium Fabale																	
				Sphaerium Nitidum																	
				Sphaerium Patella																	
				Sphaerium Rhomboideum																	
	Gastropoda			Gastropoda (LPIL)																	
		Mesogastropoda	Hydrobiidae	Amnicola Limosa																	
		Basommatophora	Ancylidae	Ancylidae (LPIL)																	
				Ferrissia (LPIL)																	
				Ferrissia Parallela																	
				Ferrissia Rivularis																	
				Laevapex Fuscus																	
			Physidae	Physa (LPIL)																	
				Physa Gyrina																	
				Physa Heterostropha																	
				Physa sp.B																	
				Physidae (LPIL)																	
		Lymnophila	Lymnaeidae	Lymnaea (LPIL)																	
			Planorbidae	Gyraulus (LPIL)																	
				Gyraulus Circumstriatus																	
				Gyraulus Parvus																	
				Planorbidae (LPIL)																	
Arthropoda		Cladocera	Macrothricidae	Ilyocryptus (LPIL)																	
	Arachnida	Acarina		Acarina (LPIL)																	
		Hydracarina		Hydracarina (LPIL)																	
			Mideopsidae	Mideopsis sp.A																	
			Sperchontidae	Sperchon (LPIL)																	
				Sperchon sp.B																	
				Sperchon sp.D																	

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S77	S77	S77	S8	S8	S8	S8	S8	S82	S82	S82	S82	S82	S83	S83	S83
					Replicate	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3
					Date	92/07/22	92/07/22	92/07/22	92/08/09	92/08/09	92/08/09	92/08/09	92/08/09	92/07/21	92/07/21	92/07/21	92/07/21	92/07/21	92/07/21	92/07/21	92/07/21
				Sperchontidae (LPIL)																	
			Unionicolidae	Neumania (LPIL)																	
				Neumania sp.A																	
				Unionicola (LPIL)																	
				Unionicolidae (LPIL)																	
	Crustacea	Amphipoda	Gammaridae	Gammaridae (LPIL)		8	0	8						0	4	0	0	3			
				Gammarus (LPIL)		4	0	6						0	0	0	0	1	0	0	0
				Gammarus cf. Fasciatus																	
				Gammarus Tigrinus		32	0	30						0	16	4	4	10	8	4	0
		Isopoda	Asellidae	Asellidae (LPIL)																	
				Caecidotea (LPIL)																	
				Caecidotea Racovitzai																	
				Caecidotea Racovitzai Racovitzai																	
		Ostracoda		Ostracoda (LPIL)																	
				Podocopa (LPIL)																	
			Cypridae	Cypridae (LPIL)		0	0	1											0	0	4
			Cypridopsidae	Cypridopsidae (LPIL)																	
				Cypridopsis (LPIL)																	
				Cypridopsis sp.B																	
	Hexapoda	Lepidoptera	Pyralidae	Acentria (LPIL)																	
	Insecta	Coleoptera	Dytiscidae	Desmopachria (LPIL)																	
			Elmidae	Dubiraphia (LPIL)															0	0	0
				Elmidae (LPIL)																	
				Macronychus (LPIL)										0	0	0	0	1			
				Promoresia (LPIL)																	
				Stenelmis (LPIL)																	
			Haliplidae	Haliplidae (LPIL)																	
			Psephenidae	Ectopria (LPIL)																	
			Staphylinidae	Staphylinidae (LPIL)																	
		Collembola		Collembola (LPIL)																	
			Entomobryidae	Entomobrya sp. A																	
			Onychiuridae	Tullbergia (LPIL)																	
		Diptera		Diptera (LPIL)																	
			Blephariceridae	Blephariceridae (LPIL)																	
			Ceratopogonidae	Ceratopogonidae (LPIL)																	
			Chironomidae	Chironomidae (LPIL)		0	0	1	0	0	6	7	0	0	0	4	0	5	4	8	21
				Chironomidae Genus AM																	
				Chironomidae Genus BG																	
				Chironomidae Genus S																	
				Chironomidae Genus U																	
				Chironomus (LPIL)		48	32	46	1	2	6	8	3	60	172	84	145	157	72	136	164
				Cladopelma (LPIL)															0	0	4
				Cladotanytarsus (LPIL)		4	0	1						0	0	4	0	2	0	0	4
				Cricotopus (LPIL)					0	0	1	0	0								
				CryptoChironomus (LPIL)																	
				Dicrotendipes (LPIL)										0	0	8	0	5			
				Djalmabatista (LPIL)																	
				Einfeldia (LPIL)																	
				Endochironomus Nigricans																	
				Eukiefferiella (LPIL)																	
				Glyptotendipes (LPIL)																	
				Microtendipes (LPIL)																	
				Parachironomus (LPIL)																	
				Parachironomus Carinatus																	
				Parachironomus Directus																	
				ParaTanytarsus (LPIL)																	
				Paratendipes (LPIL)																	

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S77	S77	S77	S8	S8	S8	S8	S8	S82	S82	S82	S82	S82	S83	S83	S83
					Replicate	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3
					Date	92/07/22	92/07/22	92/07/22	92/08/09	92/08/09	92/08/09	92/08/09	92/08/09	92/07/21	92/07/21	92/07/21	92/07/21	92/07/21	92/07/21	92/07/21	92/07/21
				Polypedilum (LPIL)															0	0	4
				Polypedilum Simulans Group																	
				Procladius (LPIL)										4	0	0	4	4	0	0	0
				Prodiamesa (LPIL)																	
				PsectroTanypus (LPIL)																	
				PseudoChironomus (LPIL)																	
				RheoTanytarsus (LPIL)																	
				Tanypus (LPIL)																	
				Tanypus Stellatus																	
				Tanytarsus (LPIL)		0	0	1						0	0	0	0	4	0	0	8
				Tanytarsus sp. IV		0	0	1						4	4	0	4	0	0	8	0
				Tanytarsus sp.I		4	0	1											4	0	0
			Culicidae	Chaoborus (LPIL)																	
				Culicidae (LPIL)																	
			Dolichopodidae	Dolichopodidae (LPIL)																	
			Psychodidae	Pericoma (LPIL)																	
				Psychoda alternata																	
				Psychodidae (LPIL)																	
				Psychoda (LPIL)																	
			Tipulidae	Tipulidae (LPIL)																	
		Ephemeroptera	Caenidae	Caenis (LPIL)																	
		Hemiptera	Hebridae	Merragata (LPIL)																	
		Megaloptera	Sialidae	Sialis (LPIL)																	
		Odonata		Odonata (LPIL)																	
			Coenagrionidae	Coenagrionidae (LPIL)																	
		Trichoptera		Trichoptera (LPIL)																	
			Hydroptilidae	Hydroptila (LPIL)																	
			Leptoceridae	Oecetis (LPIL)																	
Rhynchocoela				Rhynchocoela (LPIL)																	

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S13	S13	S14	S14	S14	S14	S14	S17	S17	S17	S17	S17	S18	S18	S18	S18	S18
					Replicate	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5
					Date	92/08/03	92/08/03	92/07/30	92/07/30	92/07/30	92/07/30	92/07/30	92/08/03	92/08/03	92/08/03	92/08/03	92/08/03	92/08/06	92/08/06	92/08/06	92/08/06	92/08/06
Cnidaria				Hydrozoa (LPIL)																		
Platyhelmenthes	Turbellaria			Turbellaria (LPIL)		0	0						2	0	5	3	2	0	3	0	0	0
		Seriata	Planaridae	Dugesia (LPIL)																		
				Dugesia Tigrina																		
				Planariidae (LPIL)																		
Annelida	Hirudinea	Rhynchobdellida	Glossiphoniidae	Helobdella Stagnalis																		
	Oligochaeta			Oligochaeta (LPIL)																		
		Tubificida	Naididae	Dero (LPIL)														10	0	0	0	0
				Dero Digitata		7	0						36	18	25	95	39	46	80	82	275	40
				Naididae (LPIL)		0	0						18	36	25	24	13	0	27	22	110	80
			Tubificidae	Limnodrilus Cervix		159	201	0	4	1	1	23	63	0	125	95	0	28	40	15	0	53
				Limnodrilus Hoffmeisteri		101	93	4	16	12	19	41	81	18	175	191	79	46	187	44	12	40
				Limnodrilus (LPIL)																		
				Tubificidae (LPIL)		386	695	10	43	12	76	56	560	1452	1809	1477	1158	781	964	504	692	661
Mollusca	Pelecypoda			Pelecypoda (LPIL)																		
		Heterodonta	Dreissenidae	Dreissina Polymorpha																		
				Mytilopsis Leucophaeata																		
			Sphaeriidae	Sphaeriidae (LPIL)																		
				Pisidium Compressum									0	0	0	3	0					
				Pisidium Dubium		0	0															
				Pisidium Nitidum																		
				Pisidium Walkeri		0	0															
				Sphaerium (LPIL)																		
				Sphaerium Corneum														0	1	0	0	4
				Sphaerium Fabale																		
				Sphaerium Nitidum		0	0											0	0	0	0	4
				Sphaerium Patella									0	0	1	0	0					
				Sphaerium Rhomboideum		0	1															
	Gastropoda			Gastropoda (LPIL)																		
		Mesogastropoda	Hydrobiidae	Amnicola Limosa																		
		Basommatophora	Ancylidae	Ancylidae (LPIL)																		
				Ferrissia (LPIL)																		
				Ferrissia Parallela																		
				Ferrissia Rivularis																		
				Laevapex Fuscus																		
			Physidae	Physa (LPIL)																		
				Physa Gyrina																		
				Physa Heterostropha																		
				Physa sp.B																		
				Physidae (LPIL)																		
		Lymnophila	Lymnaeidae	Lymnaea (LPIL)																		
			Planorbidae	Gyraulus (LPIL)																		
				Gyraulus Circumstriatus																		
				Gyraulus Parvus									0	0	0	0	1					
				Planorbidae (LPIL)																		

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S13	S13	S14	S14	S14	S14	S14	S17	S17	S17	S17	S17	S18	S18	S18	S18	S18
					Replicate	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5
					Date	92/08/03	92/08/03	92/07/30	92/07/30	92/07/30	92/07/30	92/07/30	92/08/03	92/08/03	92/08/03	92/08/03	92/08/03	92/08/06	92/08/06	92/08/06	92/08/06	92/08/06
Arthropoda		Cladocera	Macrothricidae	Ilyocryptus (LPIL)		0	0															
	Arachnida	Acarina		Acarina (LPIL)																		
		Hydracarina		Hydracarina (LPIL)																		
			Mideopsidae	Mideopsis sp.A																		
			Sperchontidae	Sperchon (LPIL)																		
				Sperchon sp.B																		
				Sperchon sp.D																		
				Sperchontidae (LPIL)																		
			Unionicolidae	Neumania (LPIL)														0	0	0	8	0
				Neumania sp.A																		
				Unionicola (LPIL)																		
				Unionicolidae (LPIL)																		
	Crustacea	Amphipoda	Gammaridae	Gammaridae (LPIL)									1	0	2	2	0					
				Gammarus (LPIL)														0	0	1	0	0
				Gammarus cf. Fasciatus																		
				Gammarus Tigrinus									6	6	15	18	10	1	0	0	0	0
		Isopoda	Asellidae	Asellidae (LPIL)																		
				Caecidotea (LPIL)									0	0	0	1	0					
				Caecidotea Racovitzai																		
				Caecidotea Racovitzai Racovitzai																		
		Ostracoda		Ostracoda (LPIL)									1	0	0	1	0					
				Podocopa (LPIL)																		
			Cypridae	Cypridae (LPIL)									0	0	0	1	0					
			Cypridopsidae	Cypridopsidae (LPIL)																		
				Cypridopsis (LPIL)																		
				Cypridopsis sp.B																		
	Hexapoda	Lepidoptera	Pyralidae	Acentria (LPIL)																		
	Insecta	Coleoptera	Dytiscidae	Desmopachria (LPIL)																		
			Elmidae	Dubiraphia (LPIL)																		
				Elmidae (LPIL)																		
				Macronychus (LPIL)																		
				Promoresia (LPIL)																		
				Stenelmis (LPIL)																		
			Haliplidae	Haliplidae (LPIL)																		
			Psephenidae	Ectopria (LPIL)																		
			Staphylinidae	Staphylinidae (LPIL)																		
		Collembola		Collembola (LPIL)																		
			Entomobryidae	Entomobrya sp. A																		
			Onychiuridae	Tullbergia (LPIL)																		

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S13	S13	S14	S14	S14	S14	S14	S17	S17	S17	S17	S17	S18	S18	S18	S18	S18
					Replicate	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5
					Date	92/08/03	92/08/03	92/07/30	92/07/30	92/07/30	92/07/30	92/07/30	92/08/03	92/08/03	92/08/03	92/08/03	92/08/03	92/08/06	92/08/06	92/08/06	92/08/06	92/08/06
		Diptera		Diptera (LPIL)																		
			Blephariceridae	Blephariceridae (LPIL)																		
			Ceratopogonidae	Ceratopogonidae (LPIL)																		
			Chironomidae	Chironomidae (LPIL)		0	1	3	16	0	7	7	12	17	12	45	5	1	0	2	20	4
				Chironomidae Genus AM																		
				Chironomidae Genus BG																		
				Chironomidae Genus S																		
				Chironomidae Genus U																		
				Chironomus (LPIL)		38	32	52	85	104	114	67	79	39	125	80	68	59	70	55	68	92
				Cladopelma (LPIL)		0	1															
				Cladotanytarsus (LPIL)																		
				Cricotopus (LPIL)		0	1	1	0	0	1	0						2	0	0	0	0
				CryptoChironomus (LPIL)																		
				Dicrotendipes (LPIL)				4	1	1	0	0										
				Djalmabatista (LPIL)																		
				Einfeldia (LPIL)																		
				Endochironomus Nigricans																		
				Eukiefferiella (LPIL)																		
				Glyptotendipes (LPIL)				2	0	1	0	0						0	0	1	0	0
				Microtendipes (LPIL)																		
				Parachironomus (LPIL)									0	0	1	0	0					
				Parachironomus Carinatus																		
				Parachironomus Directus																		
				ParaTanytarsus (LPIL)																		
				Paratendipes (LPIL)																		
				Polypedilum (LPIL)																		
				Polypedilum Simulans Group																		
				Procladius (LPIL)		4	1						0	0	1	1	2	0	1	0	0	0
				Prodiamesa (LPIL)																		
				PsectroTanypus (LPIL)																		
				PseudoChironomus (LPIL)																		
				RheoTanytarsus (LPIL)																		
				Tanypus (LPIL)		0	1						1	0	0	0	0					
				Tanypus Stellatus																		
				Tanytarsus (LPIL)									0	1	4	0	1					
				Tanytarsus sp. IV									0	1	1	0	1					
				Tanytarsus sp.I																		
			Culicidae	Chaoborus (LPIL)																		
				Culicidae (LPIL)																		
			Dolichopodidae	Dolichopodidae (LPIL)																		
			Psychodidae	Pericoma (LPIL)				0	1	0	0	0										
				Psychoda alternata																		
				Psychodidae (LPIL)																		
				Psychoda (LPIL)																		
			Tipulidae	Tipulidae (LPIL)																		
		Ephemeroptera	Caenidae	Caenis (LPIL)																		
		Hemiptera	Hebridae	Merragata (LPIL)																		
		Megaloptera	Sialidae	Sialis (LPIL)																		
		Odonata		Odonata (LPIL)																		
			Coenagrionidae	Coenagrionidae (LPIL)																		
		Trichoptera		Trichoptera (LPIL)																		
			Hydroptilidae	Hydroptila (LPIL)																		
			Leptoceridae	Oecetis (LPIL)																		
Rhynchocoela				Rhynchocoela (LPIL)																		

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S83	S83	S84	S84	S84	S84	S84	S86	S86	S86	S86	S86	S87	S87	S87	S87	S87
					Replicate	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5
					Date	92/07/21	92/07/21	92/07/21	92/07/21	92/07/21	92/07/21	92/07/21	92/08/11	92/08/11	92/08/11	92/08/11	92/08/11	92/07/22	92/07/22	92/07/22	92/07/22	92/07/22
Cnidaria				Hydrozoa (LPIL)																		
Platyhelmenthes	Turbellaria			Turbellaria (LPIL)		0	0	0	0	0	4	0						4	0	4	4	10
		Seriata	Planaridae	Dugesia (LPIL)														0	1	4	0	5
				Dugesia Tigrina														0	2	8	0	0
				Planariidae (LPIL)																		
Annelida	Hirudinea	Rhynchobdellida	Glossiphoniidae	Helobdella Stagnalis																		
	Oligochaeta			Oligochaeta (LPIL)																		
		Tubificida	Naididae	Dero (LPIL)																		
				Dero Digitata		2	16	7	8	40	32	0						12	3	8	8	4
				Naididae (LPIL)		0	0	0	4	20	8	4						8	0	12	8	4
			Tubificidae	Limnodrilus Cervix		10	4	45	0	8	8	20						8	1	8	0	0
				Limnodrilus Hoffmeisteri		33	12	15	8	12	8	12						8	2	32	4	24
				Limnodrilus (LPIL)																		
				Tubificidae (LPIL)		160	324	648	212	360	624	312						308	54	564	204	384
Mollusca	Pelecypoda			Pelecypoda (LPIL)																		
		Heterodonta	Dreissenidae	Dreissina Polymorpha																		
				Mytilopsis Leucophaeata																		
			Sphaeriidae	Sphaeriidae (LPIL)		1	5															
				Pisidium Compressum																		
				PisidiumDubium																		
				Pisidium Nitidum																		
				Pisidium Walkeri																		
				Sphaerium (LPIL)																		
				Sphaerium Corneum																		
				Sphaerium Fabale																		
				Sphaerium Nitidum																		
				Sphaerium Patella																		
				Sphaerium Rhomboideum																		
	Gastropoda			Gastropoda (LPIL)														4	0	0	0	0
		Mesogastropoda	Hydrobiidae	Amnicola Limosa																		
		Basommatophora	Ancylidae	Ancylidae (LPIL)																		
				Ferrissia (LPIL)																		
				Ferrissia Parallela																		
				Ferrissia Rivularis																		
				Laevapex Fuscus																		
			Physidae	Physa (LPIL)																		
				Physa Gyrina																		
				Physa Heterostropha																		
				Physa sp.B																		
				Physidae (LPIL)																		
		Lymnophila	Lymnaeidae	Lymnaea (LPIL)																		
			Planorbidae	Gyraulus (LPIL)																		
				Gyraulus Circumstriatus																		
				Gyraulus Parvus																		
				Planorbidae (LPIL)																		
Arthropoda		Cladocera	Macrothricidae	Ilyocryptus (LPIL)																		
	Arachnida	Acarina		Acarina (LPIL)																		
		Hydracarina		Hydracarina (LPIL)																		
			Mideopsidae	Mideopsis sp.A																		
			Sperchontidae	Sperchon (LPIL)														4	0	0	0	5
				Sperchon sp.B																		
				Sperchon sp.D																		

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S83	S83	S84	S84	S84	S84	S84	S86	S86	S86	S86	S86	S87	S87	S87	S87	S87
					Replicate	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5
					Date	92/07/21	92/07/21	92/07/21	92/07/21	92/07/21	92/07/21	92/07/21	92/08/11	92/08/11	92/08/11	92/08/11	92/08/11	92/07/22	92/07/22	92/07/22	92/07/22	92/07/22
				Sperchontidae (LPIL)																		
			Unionicolidae	Neumania (LPIL)																		
				Neumania sp.A																		
				Unionicola (LPIL)																		
				Unionicolidae (LPIL)																		
	Crustacea	Amphipoda	Gammaridae	Gammaridae (LPIL)														28	2	40	0	10
				Gammarus (LPIL)		0	4											12	0	24	0	20
				Gammarus cf. Fasciatus																		
				Gammarus Tigrinus		0	8											100	23	72	40	65
		Isopoda	Asellidae	Asellidae (LPIL)																		
				Caecidotea (LPIL)														0	0	4	0	0
				Caecidotea Racovitzai																		
				Caecidotea Racovitzai Racovitzai																		
		Ostracoda		Ostracoda (LPIL)														0	0	4	0	0
				Podocopa (LPIL)																		
			Cypridae	Cypridae (LPIL)		0	0											32	0	28	40	20
			Cypridopsidae	Cypridopsidae (LPIL)																		
				Cypridopsis (LPIL)																		
				Cypridopsis sp.B																		
	Hexapoda	Lepidoptera	Pyralidae	Acentria (LPIL)																		
	Insecta	Coleoptera	Dytiscidae	Desmopachria (LPIL)																		
			Elmidae	Dubiraphia (LPIL)		1	0															
				Elmidae (LPIL)																		
				Macronychus (LPIL)																		
				Promoresia (LPIL)																		
				Stenelmis (LPIL)																		
			Haliplidae	Haliplidae (LPIL)																		
			Psephenidae	Ectopria (LPIL)																		
			Staphylinidae	Staphylinidae (LPIL)																		
		Collembola		Collembola (LPIL)																		
			Entomobryidae	Entomobrya sp. A																		
			Onychiuridae	Tullbergia (LPIL)																		
		Diptera		Diptera (LPIL)																		
			Blephariceridae	Blephariceridae (LPIL)																		
			Ceratopogonidae	Ceratopogonidae (LPIL)																		
			Chironomidae	Chironomidae (LPIL)		2	8	6	0	8	8	4						20	46	112	28	0
				Chironomidae Genus AM																		
				Chironomidae Genus BG																		
				Chironomidae Genus S														8	1	8	4	20
				Chironomidae Genus U																		
				Chironomus (LPIL)		60	88	64	4	48	76	52						172	49	172	36	60
				Cladopelma (LPIL)		0	0											0	0	0	4	4
				Cladotanytarsus (LPIL)		0	0											180	12	120	20	48
				Cricotopus (LPIL)																		
				CryptoChironomus (LPIL)																		
				Dicrotendipes (LPIL)														32	1	0	0	0
				Djalmabatista (LPIL)																		
				Einfeldia (LPIL)																		
				Endochironomus Nigricans																		
				Eukiefferiella (LPIL)																		
				Glyptotendipes (LPIL)														24	1	64	0	12
				Microtendipes (LPIL)																		
				Parachironomus (LPIL)																		
				Parachironomus Carinatus																		
				Parachironomus Directus																		
				ParaTanytarsus (LPIL)																		
				Paratendipes (LPIL)																		

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S83	S83	S84	S84	S84	S84	S84	S86	S86	S86	S86	S87	S87	S87	S87	S87
					Replicate	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5
					Date	92/07/21	92/07/21	92/07/21	92/07/21	92/07/21	92/07/21	92/07/21	92/08/11	92/08/11	92/08/11	92/08/11	92/08/11	92/07/22	92/07/22	92/07/22	92/07/22	92/07/22
				Polypedilum (LPIL)		0	0											0	1	0	0	0
				Polypedilum Simulans Group																		
				Procladius (LPIL)		3	0															
				Prodiamesa (LPIL)																		
				PsectroTanypus (LPIL)																		
				PseudoChironomus (LPIL)																		
				RheoTanytarsus (LPIL)																		
				Tanypus (LPIL)																		
				Tanypus Stellatus																		
				Tanytarsus (LPIL)		0	0											140	28	104	44	56
				Tanytarsus sp. IV		0	0											20	4	40	4	36
				Tanytarsus sp.I		0	4											76	4	12	4	8
			Culicidae	Chaoborus (LPIL)																		
				Culicidae (LPIL)																		
			Dolichopodidae	Dolichopodidae (LPIL)																		
			Psychodidae	Pericoma (LPIL)																		
				Psychoda alternata																		
				Psychodidae (LPIL)																		
				Psychoda (LPIL)																		
			Tipulidae	Tipulidae (LPIL)																		
		Ephemeroptera	Caenidae	Caenis (LPIL)																		
		Hemiptera	Hebridae	Merragata (LPIL)																		
		Megaloptera	Sialidae	Sialis (LPIL)																		
		Odonata		Odonata (LPIL)																		
			Coenagrionidae	Coenagrionidae (LPIL)																		
		Trichoptera		Trichoptera (LPIL)																		
			Hydroptilidae	Hydroptila (LPIL)																		
			Leptoceridae	Oecetis (LPIL)																		
Rhynchocoela				Rhynchocoela (LPIL)																		

Table I-17. (cont.)

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station Replicate Date	S19 REP1 92/08/09	S19 REP2 92/08/09	S19 REP3 92/08/09	S19 REP4 92/08/09	S19 REP5 92/08/09	S2 REP1 92/07/30	S2 REP2 92/07/30	S2 REP3 92/07/30	S2 REP4 92/07/30	S2 REP5 92/07/30	S21 REP1 92/07/30	S21 REP2 92/07/30	S21 REP3 92/07/30	S21 REP4 92/07/30	S21 REP5 92/07/30	S22 REP1 92/08/02	S22 REP2 92/08/02	Phylum	Class
Cnidaria				Hydrozoa (LPIL)																			Cnidaria	
Platyhelmenthes	Turbellaria			Turbellaria (LPIL)																			Platyhelmenthes	Turbellaria
		Seriata	Planaridae	Dugesia (LPIL)																				
				Dugesia Tigrina																				
				Planariidae (LPIL)																				
Annelida	Hirudinea	Rhynchobdellida	Glossiphoniidae	Helobdella Stagnalis																			Annelida	Hirudinea
	Oligochaeta			Oligochaeta (LPIL)																				Oligochaeta
		Tubificida	Naididae	Dero (LPIL)																				
				Dero Digitata		86	46	49	58	68											0	0		
				Naididae (LPIL)		36	28	49	0	22											0	0		
			Tubificidae	Limnodrilus Cervix		18	28	42	42	22						0	0	0	0	8	0	0		
				Limnodrilus Hoffmeisteri		18	14	7	25	12	22	10	68	26	192	48	1190	33	83	44	1	1		
				Limnodrilus (LPIL)																				
				Tubificidae (LPIL)		281	226	181	282	170	135	124	564	337	528	332	775	169	166	192	5	7		
Mollusca	Pelecypoda			Pelecypoda (LPIL)																			Mollusca	Pelecypoda
		Heterodonta	Dreissenidae	Dreissina Polymorpha																				
				Mytilopsis Leucophaeata																				
			Sphaeriidae	Sphaeriidae (LPIL)												0	1	0	0	0				
				Pisidium Compressum																				
				Pisidium Dubium																				
				Pisidium Nitidum																				
				Pisidium Walkeri																				
				Sphaerium (LPIL)																				
				Sphaerium Corneum																				
				Sphaerium Fabale																				
				Sphaerium Nitidum																				
				Sphaerium Patella																				
				Sphaerium Rhomboideum																				
	Gastropoda			Gastropoda (LPIL)																				Gastropoda
		Mesogastropoda	Hydrobiidae	Amnicola Limosa																				
		Basommatophora	Ancylidae	Ancylidae (LPIL)																				
				Ferrissia (LPIL)																				
				Ferrissia Parallela																				
				Ferrissia Rivularis																				
				Laevapex Fuscus																				
			Physidae	Physa (LPIL)																				
				Physa Gyrina																				
				Physa Heterostropha												0	0	0	0	1				
				Physa sp.B																				
				Physidae (LPIL)																				
		Lymnophila	Lymnaeidae	Lymnaea (LPIL)																				
			Planorbidae	Gyraulus (LPIL)																				
				Gyraulus Circumstriatus																				
				Gyraulus Parvus																				
				Planorbidae (LPIL)																				

Table I-17. (cont.)

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S19	S19	S19	S19	S19	S2	S2	S2	S2	S2	S21	S21	S21	S21	S21	S22	S22	Phylum	Class
					Replicate	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2		
					Date	92/08/09	92/08/09	92/08/09	92/08/09	92/08/09	92/07/30	92/07/30	92/07/30	92/07/30	92/07/30	92/07/30	92/07/30	92/07/30	92/07/30	92/07/30	92/08/02	92/08/02		
Arthropoda		Cladocera	Macrothricidae	Ilyocryptus (LPIL)																			Arthropoda	
	Arachnida	Acarina		Acarina (LPIL)																				Arachnida
		Hydracarina		Hydracarina (LPIL)																				
			Mideopsidae	Mideopsis sp.A																				
			Sperchontidae	Sperchon (LPIL)																				
				Sperchon sp.B																				
				Sperchon sp.D																				
				Sperchontidae (LPIL)																				
			Unionicolidae	Neumania (LPIL)							0	0	4	0	0									
				Neumania sp.A																				
				Unionicola (LPIL)																				
				Unionicolidae (LPIL)																				
	Crustacea	Amphipoda	Gammaridae	Gammaridae (LPIL)							0	0	0	0	4	12	0	0	0	4				Crustacea
				Gammarus (LPIL)												4	3	0	2	4				
				Gammarus cf. Fasciatus																				
				Gammarus Tigrinus												4	9	1	6	16				
		Isopoda	Asellidae	Asellidae (LPIL)																				
				Caecidotea (LPIL)																				
				Caecidotea Racovitzai																				
				Caecidotea Racovitzai Racovitzai																				
		Ostracoda		Ostracoda (LPIL)												0	0	0	0	8				
				Podocopa (LPIL)																				
			Cypridae	Cypridae (LPIL)												0	1	0	1	8				
			Cypridopsidae	Cypridopsidae (LPIL)																				
				Cypridopsis (LPIL)																				
				Cypridopsis sp.B																				
	Hexapoda	Lepidoptera	Pyralidae	Acentria (LPIL)																				Hexapoda
	Insecta	Coleoptera	Dytiscidae	Desmopachria (LPIL)																				Insecta
			Elmidae	Dubiraphia (LPIL)																				
				Elmidae (LPIL)																				
				Macronychus (LPIL)																				
				Promoresia (LPIL)																				
				Stenelmis (LPIL)																				
			Haliplidae	Haliplidae (LPIL)																				
			Psephenidae	Ectopria (LPIL)																				
			Staphylinidae	Staphylinidae (LPIL)																				
		Collembola		Collembola (LPIL)																				
			Entomobryidae	Entomobrya sp. A												0	1	0	0	0				
			Onychiuridae	Tullbergia (LPIL)																				

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S19	S19	S19	S19	S19	S2	S2	S2	S2	S2	S21	S21	S21	S21	S21	S22	S22	Phylum	Class
					Replicate	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2		
					Date	92/08/09	92/08/09	92/08/09	92/08/09	92/08/09	92/07/30	92/07/30	92/07/30	92/07/30	92/07/30	92/07/30	92/07/30	92/07/30	92/07/30	92/07/30	92/08/02	92/08/02		
		Diptera		Diptera (LPIL)																				
			Blephariceridae	Blephariceridae (LPIL)																				
			Ceratopogonidae	Ceratopogonidae (LPIL)																				
			Chironomidae	Chironomidae (LPIL)		0	0	1	0	4	39	18	64	75	36	16	62	15	38	84	0	0		
				Chironomidae Genus AM																				
				Chironomidae Genus BG																				
				Chironomidae Genus S																				
				Chironomidae Genus U																				
				Chironomus (LPIL)		3	1	3	4	1	59	50	80	43	144	92	238	50	271	392	4	5		
				Cladopelma (LPIL)																				
				Cladotanytarsus (LPIL)																				
				Cricotopus (LPIL)							19	24	16	24	8	0	0	0	0	4				
				CryptoChironomus (LPIL)																				
				Dicrotendipes (LPIL)							4	24	20	2	0	0	0	0	0	20				
				Djalmabatista (LPIL)																				
				Einfeldia (LPIL)																				
				Endochironomus Nigricans																				
				Eukiefferiella (LPIL)																				
				Glyptotendipes (LPIL)							15	30	64	30	28									
				Microtendipes (LPIL)																				
				Parachironomus (LPIL)		1	0	0	0	0														
				Parachironomus Carinatus																				
				Parachironomus Directus																				
				ParaTanytarsus (LPIL)																				
				Paratendipes (LPIL)																				
				Polypedilum (LPIL)																				
				Polypedilum Simulans Group																				
				Procladius (LPIL)																				
				Prodiamesa (LPIL)																				
				PsectroTanypus (LPIL)																				
				PseudoChironomus (LPIL)																				
				RheoTanytarsus (LPIL)																				
				Tanypus (LPIL)																				
				Tanypus Stellatus																				
				Tanytarsus (LPIL)		0	0	1	0	0														
				Tanytarsus sp. IV																				
				Tanytarsus sp.I																				
			Culicidae	Chaoborus (LPIL)																				
				Culicidae (LPIL)																				
			Dolichopodidae	Dolichopodidae (LPIL)																				
			Psychodidae	Pericoma (LPIL)																				
				Psychoda alternata												0	0	0	0	8				
				Psychodidae (LPIL)																				
				Psychoda (LPIL)																				
			Tipulidae	Tipulidae (LPIL)																				
		Ephemeroptera	Caenidae	Caenis (LPIL)																				
		Hemiptera	Hebridae	Merragata (LPIL)																				
		Megaloptera	Sialidae	Sialis (LPIL)																				
		Odonata		Odonata (LPIL)																				
			Coenagrionidae	Coenagrionidae (LPIL)																				
		Trichoptera		Trichoptera (LPIL)																				
			Hydroptilidae	Hydroptila (LPIL)																				
			Leptoceridae	Oecetis (LPIL)																				
Rhynchocoela				Rhynchocoela (LPIL)																			Rhynchocoela	

Table I-17. (cont.)

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S9	S9	S9	S9	S9	S90	S90	S90	S90	S90	S92	S92	S92	S92	S92	S93	S93	Phylum	Class
					Replicate	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2		
					Date	92/08/09	92/08/09	92/08/09	92/08/09	92/08/09	92/08/11	92/08/11	92/08/11	92/08/11	92/08/11	92/07/31	92/07/31	92/07/31	92/07/31	92/07/31	92/07/31	92/07/31		
Cnidaria				Hydrozoa (LPIL)																			Cnidaria	
Platyhelmenthes	Turbellaria			Turbellaria (LPIL)												0	4	0	12	0	8	17	Platyhelmenthes	Turbellaria
		Seriata	Planaridae	Dugesia (LPIL)																				
				Dugesia Tigrina																				
				Planariidae (LPIL)																				
Annelida	Hirudinea	Rhynchobdellida	Glossiphoniidae	Helobdella Stagnalis																			Annelida	Hirudinea
	Oligochaeta			Oligochaeta (LPIL)																				Oligochaeta
		Tubificida	Naididae	Dero (LPIL)																				
				Dero Digitata												28	140	265	200	64	120	75		
				Naididae (LPIL)												64	52	13	52	4	32	38		
			Tubificidae	Limnodrilus Cervix																	0	15		
				Limnodrilus Hoffmeisteri		0	0	0	0	1						8	76	53	20	44	32	75		
				Limnodrilus (LPIL)																				
				Tubificidae (LPIL)		0	1	1	0	0						556	660	952	844	812	1388	535		
Mollusca	Pelecypoda			Pelecypoda (LPIL)												0	0	1	0	0			Mollusca	Pelecypoda
		Heterodonta	Dreissenidae	Dreissina Polymorpha																				
				Mytilopsis Leucophaeata																				
			Sphaeriidae	Sphaeriidae (LPIL)																				
				Pisidium Compressum																				
				PisidiumDubium																				
				Pisidium Nitidum																				
				Pisidium Walkeri																				
				Sphaerium (LPIL)																				
				Sphaerium Corneum																				
				Sphaerium Fabale																				
				Sphaerium Nitidum																				
				Sphaerium Patella																				
				Sphaerium Rhomboideum																				
	Gastropoda			Gastropoda (LPIL)																				Gastropoda
		Mesogastropoda	Hydrobiidae	Amnicola Limosa																				
		Basommatophora	Ancylidae	Ancylidae (LPIL)																				
				Ferrissia (LPIL)																				
				Ferrissia Parallela																				
				Ferrissia Rivularis																				
				Laevapex Fuscus																				
			Physidae	Physa (LPIL)																				
				Physa Gyrina																				
				Physa Heterostropha																				
				Physa sp.B																				
				Physidae (LPIL)																				
		Lymnophila	Lymnaeidae	Lymnaea (LPIL)																				
			Planorbidae	Gyraulus (LPIL)																				
				Gyraulus Circumstriatus																				
				Gyraulus Parvus																				
				Planorbidae (LPIL)																				
Arthropoda		Cladocera	Macrothricidae	Ilyocryptus (LPIL)																			Arthropoda	
	Arachnida	Acarina		Acarina (LPIL)																				Arachnida
		Hydracarina		Hydracarina (LPIL)																				
			Mideopsidae	Mideopsis sp.A																				
			Sperchontidae	Sperchon (LPIL)																				
				Sperchon sp.B																				
				Sperchon sp.D																				

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S9	S9	S9	S9	S9	S90	S90	S90	S90	S90	S92	S92	S92	S92	S92	S93	S93	Phylum	Class
					Replicate	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2		
					Date	92/08/09	92/08/09	92/08/09	92/08/09	92/08/09	92/08/11	92/08/11	92/08/11	92/08/11	92/08/11	92/07/31	92/07/31	92/07/31	92/07/31	92/07/31	92/07/31	92/07/31		
				Sperchontidae (LPIL)																				
			Unionicolidae	Neumania (LPIL)																				
				Neumania sp.A																				
				Unionicola (LPIL)																				
				Unionicolidae (LPIL)																				
	Crustacea	Amphipoda	Gammaridae	Gammaridae (LPIL)												8	4	2	4	12	12	19		Crustacea
				Gammarus (LPIL)												0	0	2	16	16	12	9		
				Gammarus cf. Fasciatus																				
				Gammarus Tigrinus												24	16	33	24	48	88	97		
		Isopoda	Asellidae	Asellidae (LPIL)																				
				Caecidotea (LPIL)																				
				Caecidotea Racovitzai																				
				Caecidotea Racovitzai Racovitzai																				
		Ostracoda		Ostracoda (LPIL)																				
				Podocopa (LPIL)																				
			Cypridae	Cypridae (LPIL)												0	8	31	4	4	16	17		
			Cypridopsidae	Cypridopsidae (LPIL)																				
				Cypridopsis (LPIL)																				
				Cypridopsis sp.B																				
	Hexapoda	Lepidoptera	Pyralidae	Acentria (LPIL)																				Hexapoda
	Insecta	Coleoptera	Dytiscidae	Desmopachria (LPIL)																				Insecta
			Elmidae	Dubiraphia (LPIL)																				
				Elmidae (LPIL)																				
				Macronychus (LPIL)																				
				Promoresia (LPIL)																				
				Stenelmis (LPIL)																				
			Haliplidae	Haliplidae (LPIL)																				
			Psephenidae	Ectopria (LPIL)																				
			Staphylinidae	Staphylinidae (LPIL)																				
		Collembola		Collembola (LPIL)																				
			Entomobryidae	Entomobrya sp. A																				
			Onychiuridae	Tullbergia (LPIL)																				
		Diptera		Diptera (LPIL)																				
			Blephariceridae	Blephariceridae (LPIL)																				
			Ceratopogonidae	Ceratopogonidae (LPIL)																				
			Chironomidae	Chironomidae (LPIL)		0	0	1	0	0						4	4	11	0	4	24	12		
				Chironomidae Genus AM																				
				Chironomidae Genus BG																				
				Chironomidae Genus S																				
				Chironomidae Genus U																				
				Chironomus (LPIL)		0	4	3	2	1						12	40	32	24	32	44	34		
				Cladopelma (LPIL)												0	0	3	0	4	8	1		
				Cladotanytarsus (LPIL)												0	0	7	0	4	136	26		
				Cricotopus (LPIL)												0	0	2	1	0	4	0		
				CryptoChironomus (LPIL)																				
				Dicrotendipes (LPIL)												0	4	0	0	0	4	2		
				Djalmabatista (LPIL)																				
				Einfeldia (LPIL)																				
				Endochironomus Nigricans																				
				Eukiefferiella (LPIL)																				
				Glyptotendipes (LPIL)																	0	0		
				Microtendipes (LPIL)																				
				Parachironomus (LPIL)												0	0	1	0	0	0	0		
				Parachironomus Carinatus																				
				Parachironomus Directus																				
				ParaTanytarsus (LPIL)																				
				Paratendipes (LPIL)																				

Table I-17. (cont.)

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S9	S9	S9	S9	S9	S90	S90	S90	S90	S90	S92	S92	S92	S92	S92	S93	S93	Phylum	Class
					Replicate	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2		
					Date	92/08/09	92/08/09	92/08/09	92/08/09	92/08/09	92/08/11	92/08/11	92/08/11	92/08/11	92/08/11	92/07/31	92/07/31	92/07/31	92/07/31	92/07/31	92/07/31	92/07/31		
				Polypedilum (LPIL)												0	0	2	4	0	12	0		
				Polypedilum Simulans Group												0	8	9	0	4	28	3		
				Procladius (LPIL)												0	0	2	0	0				
				Prodiamesa (LPIL)																				
				PsectroTanypus (LPIL)																				
				PseudoChironomus (LPIL)																				
				RheoTanytarsus (LPIL)																				
				Tanypus (LPIL)																				
				Tanypus Stellatus																				
				Tanytarsus (LPIL)												4	0	0	0	8	24	13		
				Tanytarsus sp. IV												0	4	4	0	0	44	19		
				Tanytarsus sp.I												0	0	4	0	0	8	0		
			Culicidae	Chaoborus (LPIL)																				
				Culicidae (LPIL)																				
			Dolichopodidae	Dolichopodidae (LPIL)																				
			Psychodidae	Pericoma (LPIL)																				
				Psychoda alternata																				
				Psychodidae (LPIL)																				
				Psychoda (LPIL)																				
			Tipulidae	Tipulidae (LPIL)																				
		Ephemeroptera	Caenidae	Caenis (LPIL)																				
		Hemiptera	Hebridae	Merragata (LPIL)																				
		Megaloptera	Sialidae	Sialis (LPIL)																				
		Odonata		Odonata (LPIL)																				
			Coenagrionidae	Coenagrionidae (LPIL)																				
		Trichoptera		Trichoptera (LPIL)																				
			Hydroptilidae	Hydroptila (LPIL)																				
			Leptoceridae	Oecetis (LPIL)																				
Rhynchocoela				Rhynchocoela (LPIL)																				Rhynchocoela	

Order	Family	Genus/Species	Station	S22	S22	S22	S24	S24	S24	S24	S24	S25	S25	S25	S25	S25	S26	S26	S26	S26
			Replicate	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4
			Date	92/08/02	92/08/02	92/08/02	92/08/12	92/08/12	92/08/12	92/08/12	92/08/12	92/08/12	92/08/12	92/08/12	92/08/12	92/08/12	92/08/06	92/08/06	92/08/06	92/08/06
		Hydrozoa (LPIL)																		
		Turbellaria (LPIL)															1	13	2	1
Seriata	Planaridae	Dugesia (LPIL)															7	33	7	14
		Dugesia Tigrina															0	0	0	1
		Planariidae (LPIL)																		
Rhynchobdellida	Glossiphoniidae	Helobdella Stagnalis																		
		Oligochaeta (LPIL)										0	1	0	0	0				
Tubificida	Naididae	Dero (LPIL)																		
		Dero Digitata		1	0	0											3	1	1	2
		Naididae (LPIL)		3	4	0											3	0	2	6
	Tubificidae	Limnodrilus Cervix		0	0	1											3	0	2	2
		Limnodrilus Hoffmeisteri		0	0	4											5	0	6	3
		Limnodrilus (LPIL)																		
		Tubificidae (LPIL)		11	11	11											207	134	75	65
		Pelecypoda (LPIL)																		
Heterodonta	Dreissenidae	Dreissina Polymorpha																		
		Mytilopsis Leucophaeata																		
	Sphaeriidae	Sphaeriidae (LPIL)																		
		Pisidium Compressum																		
		Pisidium Dubium																		
		Pisidium Nitidum																		
		Pisidium Walkeri																		
		Sphaerium (LPIL)																		
		Sphaerium Corneum																		
		Sphaerium Fabale																		
		Sphaerium Nitidum																		
		Sphaerium Patella																		
		Sphaerium Rhomboideum																		
		Gastropoda (LPIL)																		
Mesogastropoda	Hydrobiidae	Amnicola Limosa																		
Basommatophora	Ancylidae	Ancylidae (LPIL)																		
		Ferrissia (LPIL)																		
		Ferrissia Parallela																		
		Ferrissia Rivularis																		
		Laevapex Fuscus																		
	Physidae	Physa (LPIL)																		
		Physa Gyrina																		
		Physa Heterostropha																		
		Physa sp.B																		
		Physidae (LPIL)																		
Lymnophila	Lymnaeidae	Lymnaea (LPIL)																		
	Planorbidae	Gyraulus (LPIL)																		
		Gyraulus Circumstriatus																		
		Gyraulus Parvus															0	2	0	0
		Planorbidae (LPIL)																		

Order	Family	Genus/Species	Station	S22	S22	S22	S24	S24	S24	S24	S24	S25	S25	S25	S25	S25	S26	S26	S26	S26
			Replicate	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4
			Date	92/08/02	92/08/02	92/08/02	92/08/12	92/08/12	92/08/12	92/08/12	92/08/12	92/08/12	92/08/12	92/08/12	92/08/12	92/08/12	92/08/06	92/08/06	92/08/06	92/08/06
Cladocera	Macrothricidae	Ilyocryptus (LPIL)																		
Acarina		Acarina (LPIL)																		
Hydracarina		Hydracarina (LPIL)																		
	Mideopsidae	Mideopsis sp.A																		
	Sperchontidae	Sperchon (LPIL)																		
		Sperchon sp.B																		
		Sperchon sp.D																		
		Sperchontidae (LPIL)																		
	Unionicolidae	Neumania (LPIL)																		
		Neumania sp.A																		
		Unionicola (LPIL)																		
		Unionicolidae (LPIL)																		
Amphipoda	Gammaridae	Gammaridae (LPIL)															3	4	4	0
		Gammarus (LPIL)															28	22	11	7
		Gammarus cf. Fasciatus																		
		Gammarus Tigrinus															8	18	9	9
Isopoda	Asellidae	Asellidae (LPIL)																		
		Caecidotea (LPIL)																		
		Caecidotea Racovitzai																		
		Caecidotea Racovitzai Racovitzai																		
Ostracoda		Ostracoda (LPIL)																		
		Podocopa (LPIL)																		
	Cypridae	Cypridae (LPIL)															0	0	2	0
	Cypridopsidae	Cypridopsidae (LPIL)																		
		Cypridopsis (LPIL)																		
		Cypridopsis sp.B																		
Lepidoptera	Pyralidae	Acentria (LPIL)																		
Coleoptera	Dytiscidae	Desmopachria (LPIL)																		
	Elmidae	Dubiraphia (LPIL)																		
		Elmidae (LPIL)																		
		Macronychus (LPIL)																		
		Promoresia (LPIL)																		
		Stenelmis (LPIL)																		
	Haliplidae	Haliplidae (LPIL)																		
	Psephenidae	Ectopria (LPIL)																		
	Staphylinidae	Staphylinidae (LPIL)																		
Collembola		Collembola (LPIL)																		
	Entomobryidae	Entomobrya sp. A																		
	Onychiuridae	Tullbergia (LPIL)																		

Order	Family	Genus/Species	Station	S22	S22	S22	S24	S24	S24	S24	S24	S25	S25	S25	S25	S25	S26	S26	S26	S26
			Replicate	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4
			Date	92/08/02	92/08/02	92/08/02	92/08/12	92/08/12	92/08/12	92/08/12	92/08/12	92/08/12	92/08/12	92/08/12	92/08/12	92/08/12	92/08/06	92/08/06	92/08/06	92/08/06
Diptera		Diptera (LPIL)																		
	Blephariceridae	Blephariceridae (LPIL)																		
	Ceratopogonidae	Ceratopogonidae (LPIL)																		
	Chironomidae	Chironomidae (LPIL)		3	0	1						2	0	0	0	0	14	1	7	9
		Chironomidae Genus AM																		
		Chironomidae Genus BG																		
		Chironomidae Genus S																		
		Chironomidae Genus U																		
		Chironomus (LPIL)		13	7	10											65	21	38	26
		Cladopelma (LPIL)															2	1	2	0
		Cladotanytarsus (LPIL)																		
		Cricotopus (LPIL)															0	1	0	0
		CryptoChironomus (LPIL)																		
		Dicrotendipes (LPIL)															1	8	0	0
		Djalmabatista (LPIL)																		
		Einfeldia (LPIL)																		
		Endochironomus Nigricans																		
		Eukiefferiella (LPIL)																		
		Glyptotendipes (LPIL)																		
		Microtendipes (LPIL)																		
		Parachironomus (LPIL)															3	0	0	0
		Parachironomus Carinatus															0	1	0	0
		Parachironomus Directus																		
		ParaTanytarsus (LPIL)																		
		Paratendipes (LPIL)																		
		Polypedilum (LPIL)															2	0	3	0
		Polypedilum Simulans Group																		
		Procladius (LPIL)															1	0	0	0
		Prodiamesa (LPIL)																		
		PsectroTanypus (LPIL)																		
		PseudoChironomus (LPIL)																		
		RheoTanytarsus (LPIL)																		
		Tanypus (LPIL)																		
		Tanypus Stellatus																		
		Tanytarsus (LPIL)															5	1	6	1
		Tanytarsus sp. IV															5	1	3	0
		Tanytarsus sp.I															1	0	1	0
	Culicidae	Chaoborus (LPIL)																		
		Culicidae (LPIL)																		
	Dolichopodidae	Dolichopodidae (LPIL)																		
	Psychodidae	Pericoma (LPIL)																		
		Psychoda alternata																		
		Psychodidae (LPIL)																		
		Psychoda (LPIL)																		
	Tipulidae	Tipulidae (LPIL)																		
Ephemeroptera	Caenidae	Caenis (LPIL)																		
Hemiptera	Hebridae	Merragata (LPIL)																		
Megaloptera	Sialidae	Sialis (LPIL)																		
Odonata		Odonata (LPIL)																		
	Coenagrionidae	Coenagrionidae (LPIL)																		
Trichoptera		Trichoptera (LPIL)																		
	Hydroptilidae	Hydroptila (LPIL)																		
	Leptoceridae	Oecetis (LPIL)																		
		Rhynchocoela (LPIL)																		

Order	Family	Genus/Species	Station Replicate Date	S93 REP3 92/07/31	S93 REP4 92/07/31	S93 REP5 92/07/31	S94 REP1 92/07/22	S94 REP2 92/07/22	S94 REP3 92/07/22	S94 REP4 92/07/22	S94 REP5 92/07/22	S95 REP1 92/08/11	S95 REP2 92/08/11	S95 REP3 92/08/11	S95 REP4 92/08/11	S95 REP5 92/08/11	T1 REP1 92/08/02	T1 REP2 92/08/02	T1 REP3 92/08/02	T1 REP4 92/08/02
		Hydrozoa (LPIL)																		
		Turbellaria (LPIL)		8	60	12	32	8	0	2	4	1	0	0	3	6				
Seriata	Planaridae	Dugesia (LPIL)																		
		Dugesia Tigrina					0	0	4	0	0									
		Planariidae (LPIL)																		
Rhynchobdellida	Glossiphoniidae	Helobdella Stagnalis																		
		Oligochaeta (LPIL)																		
Tubificida	Naididae	Dero (LPIL)																		
		Dero Digitata		84	184	64	104	0	32	0	80	64	54	18	14	27	0	0	0	10
		Naididae (LPIL)		36	32	0	36	12	32	24	32	8	0	3	7	5				
	Tubificidae	Limnodrilus Cervix		0	0	0	12	4	12	12	0	14	0	0	3	0				
		Limnodrilus Hoffmeisteri		0	16	0	80	0	20	158	24	107	33	30	14	55	29	5	31	51
		Limnodrilus (LPIL)																		
		Tubificidae (LPIL)		1052	1224	852	820	104	596	642	556	509	322	196	312	346	276	23	138	597
		Pelecypoda (LPIL)																		
Heterodonta	Dreissenidae	Dreissina Polymorpha																		
		Mytilopsis Leucophaeata																		
	Sphaeriidae	Sphaeriidae (LPIL)																		
		Pisidium Compressum																		
		PisidiumDubium																		
		Pisidium Nitidum																		
		Pisidium Walkeri																		
		Sphaerium (LPIL)																		
		Sphaerium Corneum																		
		Sphaerium Fabale																		
		Sphaerium Nitidum															0	0	0	0
		Sphaerium Patella																		
		Sphaerium Rhomboideum																		
		Gastropoda (LPIL)										2	0	0	0	0				
Mesogastropoda	Hydrobiidae	Amnicola Limosa																		
Basommatophora	Ancylidae	Ancylidae (LPIL)																		
		Ferrissia (LPIL)																		
		Ferrissia Parallela																		
		Ferrissia Rivularis																		
		Laevapex Fuscus																		
	Physidae	Physa (LPIL)																		
		Physa Gyrina																		
		Physa Heterostropha															1	0	0	0
		Physa sp.B																		
		Physidae (LPIL)																		
Lymnophila	Lymnaeidae	Lymnaea (LPIL)																		
	Planorbidae	Gyraulus (LPIL)																		
		Gyraulus Circumstriatus																		
		Gyraulus Parvus																		
		Planorbidae (LPIL)																		
Cladocera	Macrothricidae	Ilyocryptus (LPIL)					36	0	0	0	0									
Acarina		Acarina (LPIL)															1	0	2	0
Hydracarina		Hydracarina (LPIL)																		
	Mideopsidae	Mideopsis sp.A																		
	Sperchontidae	Sperchon (LPIL)																		
		Sperchon sp.B																		
		Sperchon sp.D																		

Order	Family	Genus/Species	Station	S93	S93	S93	S94	S94	S94	S94	S94	S95	S95	S95	S95	S95	T1	T1	T1	T1
			Replicate	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4
			Date	92/07/31	92/07/31	92/07/31	92/07/22	92/07/22	92/07/22	92/07/22	92/07/22	92/08/11	92/08/11	92/08/11	92/08/11	92/08/11	92/08/02	92/08/02	92/08/02	92/08/02
		Sperchontidae (LPIL)																		
	Unionicolidae	Neumania (LPIL)																		
		Neumania sp.A																		
		Unionicola (LPIL)																		
		Unionicolidae (LPIL)																		
Amphipoda	Gammaridae	Gammaridae (LPIL)		20	4	24	16	0	0	7	0	0	0	0	1	2	1	0	1	0
		Gammarus (LPIL)		20	8	28	0	4	0	4	0	0	4	2	2	1	0	0	0	0
		Gammarus cf. Fasciatus																		
		Gammarus Tigrinus		88	28	92	12	0	24	21	36	12	22	3	7	6	0	0	0	2
Isopoda	Asellidae	Asellidae (LPIL)															0	0	0	0
		Caecidotea (LPIL)															2	0	0	0
		Caecidotea Racovitzai																		
		Caecidotea Racovitzai Racovitzai																		
Ostracoda		Ostracoda (LPIL)					0	0	4	2	4									
		Podocopa (LPIL)																		
	Cypridae	Cypridae (LPIL)		8	20	8	8	12	0	10	12	0	0	0	1	1	0	0	0	0
	Cypridopsidae	Cypridopsidae (LPIL)																		
		Cypridopsis (LPIL)																		
		Cypridopsis sp.B																		
Lepidoptera	Pyralidae	Acentria (LPIL)																		
Coleoptera	Dytiscidae	Desmopachria (LPIL)																		
	Elmidae	Dubiraphia (LPIL)																		
		Elmidae (LPIL)																		
		Macronychus (LPIL)																		
		Promoresia (LPIL)																		
		Stenelmis (LPIL)																		
	Haliplidae	Haliplidae (LPIL)																		
	Psephenidae	Ectopria (LPIL)																		
	Staphylinidae	Staphylinidae (LPIL)																		
Collembola		Collembola (LPIL)															1	0	0	0
	Entomobryidae	Entomobrya sp. A																		
	Onychiuridae	Tullbergia (LPIL)															0	0	0	0
Diptera		Diptera (LPIL)															0	0	0	0
	Blephariceridae	Blephariceridae (LPIL)																		
	Ceratopogonidae	Ceratopogonidae (LPIL)																		
	Chironomidae	Chironomidae (LPIL)		12	16	0	44	8	24	36	0	42	34	18	38	59	1	2	1	6
		Chironomidae Genus AM										1	0	0	0	0				
		Chironomidae Genus BG																		
		Chironomidae Genus S										0	0	0	0	2				
		Chironomidae Genus U																		
		Chironomus (LPIL)		48	48	48	76	0	44	23	20	179	145	73	98	125	5	1	6	23
		Cladopelma (LPIL)		8	0	0	0	0	4	1	4	3	0	1	6	0				
		Cladotanytarsus (LPIL)		88	32	60	4	0	12	3	4	5	2	1	7	0				
		Cricotopus (LPIL)		0	0	8														
		CryptoChironomus (LPIL)					0	0	0	1	0									
		Dicrotendipes (LPIL)		4	16	8	0	0	4	7	8	0	2	0	0	0				
		Djalmabatista (LPIL)															1	0	0	0
		Einfeldia (LPIL)																		
		Endochironomus Nigricans																		
		Eukiefferiella (LPIL)																		
		Glyptotendipes (LPIL)		0	0	8														
		Microtendipes (LPIL)																		
		Parachironomus (LPIL)		0	4	0														
		Parachironomus Carinatus																		
		Parachironomus Directus																		
		ParaTanytarsus (LPIL)																		
		Paratendipes (LPIL)																		

Order	Family	Genus/Species	Station	S93	S93	S93	S94	S94	S94	S94	S94	S95	S95	S95	S95	S95	T1	T1	T1	T1
			Replicate	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4
			Date	92/07/31	92/07/31	92/07/31	92/07/22	92/07/22	92/07/22	92/07/22	92/07/22	92/08/11	92/08/11	92/08/11	92/08/11	92/08/11	92/08/02	92/08/02	92/08/02	92/08/02
		Polypedilum (LPIL)		4	4	0	36	0	24	39	4	5	7	2	6	9				
		Polypedilum Simulans Group		4	8	0	4	0	0	10	12	0	9	4	11	0				
		Procladius (LPIL)					0	0	8	0	0	8	4	2	2	9	0	0	0	5
		Prodiamesa (LPIL)															16	5	5	2
		PsectroTanypus (LPIL)															0	0	0	1
		PseudoChironomus (LPIL)																		
		RheoTanytarsus (LPIL)																		
		Tanypus (LPIL)															0	0	0	1
		Tanypus Stellatus																		
		Tanytarsus (LPIL)		32	24	4	25	0	8	20	0	22	19	6	10	13				
		Tanytarsus sp. IV		52	24	28	12	0	12	6	4	16	2	3	6	9	0	0	0	0
		Tanytarsus sp.I		12	0	12	4	0	0	3	4	3	2	2	4	7				
	Culicidae	Chaoborus (LPIL)																		
		Culicidae (LPIL)																		
	Dolichopodidae	Dolichopodidae (LPIL)															1	0	0	0
	Psychodidae	Pericoma (LPIL)															1	0	1	0
		Psychoda alternata																		
		Psychodidae (LPIL)																		
		Psychoda (LPIL)																		
	Tipulidae	Tipulidae (LPIL)																		
Ephemeroptera	Caenidae	Caenis (LPIL)																		
Hemiptera	Hebridae	Merragata (LPIL)																		
Megaloptera	Sialidae	Sialis (LPIL)																		
Odonata		Odonata (LPIL)																		
	Coenagrionidae	Coenagrionidae (LPIL)																		
Trichoptera		Trichoptera (LPIL)																		
	Hydroptilidae	Hydroptila (LPIL)																		
	Leptoceridae	Oecetis (LPIL)																		
		Rhynchocoela (LPIL)										0	0	0	0	3				

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S26	S27	S27	S27	S27	S27	S28	S28	S28	S28	S28	S29	S29	S29	S29	S29	S34	S34
					Replicate	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2
					Date	92/08/06	92/08/07	92/08/07	92/08/07	92/08/07	92/08/07	92/07/28	92/07/28	92/07/28	92/07/28	92/07/28	92/07/28	92/07/28	92/07/28	92/07/28	92/07/28	92/08/04	92/08/04
Cnidaria				Hydrozoa (LPIL)																			
Platyhelmenthes	Turbellaria			Turbellaria (LPIL)		4						0	0	0	0	2	0	0	1	0	0	10	3
		Seriata	Planaridae	Dugesia (LPIL)		17																6	27
				Dugesia Tigrina		0																0	0
				Planariidae (LPIL)																			
Annelida	Hirudinea	Rhynchobdellida	Glossiphoniidae	Helobdella Stagnalis																			
	Oligochaeta			Oligochaeta (LPIL)																			
		Tubificida	Naididae	Dero (LPIL)																			
				Dero Digitata		0						0	0	0	11	17	0	0	24	0	0	57	105
				Naididae (LPIL)		0						16	0	9	19	121	14	3	18	6	0	33	6
			Tubificidae	Limnodrilus Cervix		1						0	6	9	12	34	22	40	51	22	35	0	6
				Limnodrilus Hoffmeisteri		4	0	0	1	0	0	51	47	320	62	603	13	58	42	16	24	33	6
				Limnodrilus (LPIL)																			
				Tubificidae (LPIL)		25	0	0	1	0	0	142	126	415	343	603	79	116	114	66	75	803	409
Mollusca	Pelecypoda			Pelecypoda (LPIL)																			
		Heterodonta	Dreissenidae	Dreissina Polymorpha																			
				Mytilopsis Leucophaeata																			
			Sphaeriidae	Sphaeriidae (LPIL)																			
				Pisidium Compressum																			
				Pisidium Dubium																			
				Pisidium Nitidum																			
				Pisidium Walkeri																			
				Sphaerium (LPIL)																			
				Sphaerium Corneum																			
				Sphaerium Fabale																			
				Sphaerium Nitidum																			
				Sphaerium Patella																			
				Sphaerium Rhomboideum																			
	Gastropoda			Gastropoda (LPIL)								0	0	1	0	2							
		Mesogastropoda	Hydrobiidae	Amnicola Limosa																			
		Basommatophora	Ancylidae	Ancylidae (LPIL)																			
				Ferrissia (LPIL)																			
				Ferrissia Parallela																			
				Ferrissia Rivularis																			
				Laevapex Fuscus																			
			Physidae	Physa (LPIL)																			
				Physa Gyrina																			
				Physa Heterostropha																			
				Physa sp.B																			
				Physidae (LPIL)																			
		Lymnophila	Lymnaeidae	Lymnaea (LPIL)																			
			Planorbidae	Gyraulus (LPIL)																			
				Gyraulus Circumstriatus																			
				Gyraulus Parvus		0																	
				Planorbidae (LPIL)																			

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station Replicate Date	S26 REP5 92/08/06	S27 REP1 92/08/07	S27 REP2 92/08/07	S27 REP3 92/08/07	S27 REP4 92/08/07	S27 REP5 92/08/07	S28 REP1 92/07/28	S28 REP2 92/07/28	S28 REP3 92/07/28	S28 REP4 92/07/28	S28 REP5 92/07/28	S29 REP1 92/07/28	S29 REP2 92/07/28	S29 REP3 92/07/28	S29 REP4 92/07/28	S29 REP5 92/07/28	S34 REP1 92/08/04	S34 REP2 92/08/04
Arthropoda		Cladocera	Macrothricidae	Ilyocryptus (LPIL)																			
	Arachnida	Acarina		Acarina (LPIL)																			
		Hydracarina		Hydracarina (LPIL)																			
			Mideopsidae	Mideopsis sp.A																			
			Sperchontidae	Sperchon (LPIL)																			
				Sperchon sp.B																			
				Sperchon sp.D																			
				Sperchontidae (LPIL)																			
			Unionicolidae	Neumania (LPIL)																			
				Neumania sp.A																			
				Unionicola (LPIL)																			
				Unionicolidae (LPIL)																			
	Crustacea	Amphipoda	Gammaridae	Gammaridae (LPIL)		3											0	0	1	0	1	4	6
				Gammarus (LPIL)		17																18	31
				Gammarus cf. Fasciatus																			
				Gammarus Tigrinus		8						0	0	1	0	2	1	0	4	0	6	30	39
		Isopoda	Asellidae	Asellidae (LPIL)																			
				Caecidotea (LPIL)																			
				Caecidotea Racovitzai																			
				Caecidotea Racovitzai Racovitzai																			
		Ostracoda		Ostracoda (LPIL)																			
				Podocopa (LPIL)																			
			Cypridae	Cypridae (LPIL)		0																0	0
			Cypridopsidae	Cypridopsidae (LPIL)																			
				Cypridopsis (LPIL)																			
				Cypridopsis sp.B																			
	Hexapoda	Lepidoptera	Pyralidae	Acentria (LPIL)																			
	Insecta	Coleoptera	Dytiscidae	Desmopachria (LPIL)																			
			Elmidae	Dubiraphia (LPIL)																			
				Elmidae (LPIL)																			
				Macronychus (LPIL)																			
				Promoresia (LPIL)																			
				Stenelmis (LPIL)																			
			Haliplidae	Haliplidae (LPIL)																			
			Psephenidae	Ectopria (LPIL)																			
			Staphylinidae	Staphylinidae (LPIL)																			
		Collembola		Collembola (LPIL)																			
			Entomobryidae	Entomobrya sp. A																			
			Onychiuridae	Tullbergia (LPIL)																			

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S26	S27	S27	S27	S27	S27	S28	S28	S28	S28	S28	S29	S29	S29	S29	S29	S34	S34
					Replicate	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2
					Date	92/08/06	92/08/07	92/08/07	92/08/07	92/08/07	92/08/07	92/07/28	92/07/28	92/07/28	92/07/28	92/07/28	92/07/28	92/07/28	92/07/28	92/07/28	92/07/28	92/08/04	92/08/04
		Diptera		Diptera (LPIL)																			
			Blephariceridae	Blephariceridae (LPIL)																			
			Ceratopogonidae	Ceratopogonidae (LPIL)																			
			Chironomidae	Chironomidae (LPIL)		2						3	0	0	0	0	0	0	0	1	5	4	9
				Chironomidae Genus AM																			
				Chironomidae Genus BG																			
				Chironomidae Genus S																			
				Chironomidae Genus U																			
				Chironomus (LPIL)		23						0	4	0	9	4	13	16	9	13	11	174	119
				Cladopelma (LPIL)		0																12	15
				Cladotanytarsus (LPIL)																			
				Cricotopus (LPIL)		0	0	0	0	0	3	0	0	0	0	1						0	0
				CryptoChironomus (LPIL)																			
				Dicrotendipes (LPIL)		1						0	0	0	0	2						0	10
				Djalmabatista (LPIL)																			
				Einfeldia (LPIL)																			
				Endochironomus Nigricans																			
				Eukiefferiella (LPIL)																			
				Glyptotendipes (LPIL)																			
				Microtendipes (LPIL)																			
				Parachironomus (LPIL)		0																	
				Parachironomus Carinatus		0																0	2
				Parachironomus Directus								0	0	0	1	0							
				ParaTanytarsus (LPIL)																			
				Paratendipes (LPIL)																			
				Polypedilum (LPIL)		0																5	2
				Polypedilum Simulans Group																		0	0
				Procladius (LPIL)		0																	
				Prodiamesa (LPIL)																			
				PsectroTanypus (LPIL)																			
				PseudoChironomus (LPIL)																			
				RheoTanytarsus (LPIL)																			
				Tanypus (LPIL)																			
				Tanypus Stellatus																			
				Tanytarsus (LPIL)		1											0	0	1	0	0	7	5
				Tanytarsus sp. IV		0																17	31
				Tanytarsus sp.I		1																5	0
			Culicidae	Chaoborus (LPIL)																			
				Culicidae (LPIL)																			
			Dolichopodidae	Dolichopodidae (LPIL)																			
			Psychodidae	Pericoma (LPIL)																			
				Psychoda alternata																			
				Psychodidae (LPIL)																			
				Psychoda (LPIL)																			
			Tipulidae	Tipulidae (LPIL)																			
		Ephemeroptera	Caenidae	Caenis (LPIL)																			
		Hemiptera	Hebridae	Merragata (LPIL)																			
		Megaloptera	Sialidae	Sialis (LPIL)																			
		Odonata		Odonata (LPIL)																			
			Coenagrionidae	Coenagrionidae (LPIL)																			
		Trichoptera		Trichoptera (LPIL)																			
			Hydroptilidae	Hydroptila (LPIL)																			
			Leptoceridae	Oecetis (LPIL)																			
Rhynchocoela				Rhynchocoela (LPIL)																			

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station Replicate Date	T1 REP5 92/08/02	T11 REP1 92/08/25	T11 REP2 92/08/25	T11 REP3 92/08/25	T11 REP4 92/08/25	T11 REP5 92/08/25	T13 REP1 92/08/02	T13 REP2 92/08/02	T13 REP3 92/08/02	T13 REP4 92/08/02	T13 REP5 92/08/02	T15 REP1 92/08/25	T15 REP2 92/08/25	T15 REP3 92/08/25	T15 REP4 92/08/25	T15 REP5 92/08/25	T3 REP1 92/08/02	T3 REP2 92/08/02
Cnidaria				Hydrozoa (LPIL)			0	0	0	3	0												
Platyhelmenthes	Turbellaria			Turbellaria (LPIL)			4	0	0	0	0	1	1	0	0	0	4	11	1	0	4		
		Seriata	Planaridae	Dugesia (LPIL)			2	0	1	8	6												
				Dugesia Tigrina			0	1	0	0	0												
				Planariidae (LPIL)																			
Annelida	Hirudinea	Rhynchobdellida	Glossiphoniidae	Helobdella Stagnalis																			
	Oligochaeta			Oligochaeta (LPIL)																			
		Tubificida	Naididae	Dero (LPIL)																			
				Dero Digitata		0	1	0	1	4	0	0	0	2	0	0						49	58
				Naididae (LPIL)			4	1	2	5	2	11	4	11	0	6						7	27
			Tubificidae	Limnodrilus Cervix			0	0	0	1	4											14	8
				Limnodrilus Hoffmeisteri		32	9	0	1	1	5	2	12	2	10	0	5	5	16	1	3	42	19
				Limnodrilus (LPIL)																			
				Tubificidae (LPIL)		256	76	19	59	18	53	70	121	138	110	177	84	32	70	45	107	220	257
Mollusca	Pelecypoda			Pelecypoda (LPIL)																			
		Heterodonta	Dreissenidae	Dreissina Polymorpha																			
				Mytilopsis Leucophaeata																			
			Sphaeriidae	Sphaeriidae (LPIL)													0	1	0	0	0		
				Pisidium Compressum													1	2	0	4	6		
				PisidiumDubium																			
				Pisidium Nitidum																			
				Pisidium Walkeri																			
				Sphaerium (LPIL)																			
				Sphaerium Corneum																			
				Sphaerium Fabale			0	0	1	0	0						1	0	0	0	0		
				Sphaerium Nitidum		1																	
				Sphaerium Patella																			
				Sphaerium Rhomboideum																			
	Gastropoda			Gastropoda (LPIL)																			
		Mesogastropoda	Hydrobiidae	Amnicola Limosa																			
		Basommatophora	Ancylidae	Ancylidae (LPIL)																			
				Ferrissia (LPIL)																			
				Ferrissia Parallela																			
				Ferrissia Rivularis																			
				Laevapex Fuscus													1	33	4	4	5		
			Physidae	Physa (LPIL)			1	0	0	0	0												
				Physa Gyrina																			
				Physa Heterostropha		1	0	1	0	0	1						0	0	0	0	1		
				Physa sp.B																			
				Physidae (LPIL)																			
		Lymnophila	Lymnaeidae	Lymnaea (LPIL)			0	1	0	0	0												
			Planorbidae	Gyraulus (LPIL)																			
				Gyraulus Circumstriatus																			
				Gyraulus Parvus																			
				Planorbidae (LPIL)													0	1	0	1	0		
Arthropoda		Cladocera	Macrothricidae	Ilyocryptus (LPIL)																			
	Arachnida	Acarina		Acarina (LPIL)		0	0	0	7	0	0	1	0	0	0	0							
		Hydracarina		Hydracarina (LPIL)													0	1	0	0	0		
			Mideopsidae	Mideopsis sp.A																			
			Sperchontidae	Sperchon (LPIL)																			
				Sperchon sp.B																			
				Sperchon sp.D																			

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	T1	T11	T11	T11	T11	T11	T13	T13	T13	T13	T13	T15	T15	T15	T15	T15	T3	T3
					Replicate	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2
					Date	92/08/02	92/08/25	92/08/25	92/08/25	92/08/25	92/08/25	92/08/02	92/08/02	92/08/02	92/08/02	92/08/02	92/08/25	92/08/25	92/08/25	92/08/25	92/08/25	92/08/02	92/08/02
				Sperchontidae (LPIL)																			
			Unionicolidae	Neumania (LPIL)																			
				Neumania sp.A																			
				Unionicola (LPIL)																			
				Unionicolidae (LPIL)																			
	Crustacea	Amphipoda	Gammaridae	Gammaridae (LPIL)		1	38	4	10	9	4	17	1	0	0	0	1	5	0	0	0		
				Gammarus (LPIL)		1	37	12	35	40	7	13	0	2	1	2	13	5	2	4	8	0	1
				Gammarus cf. Fasciatus			96	46	72	90	17						10	18	1	0	7		
				Gammarus Tigrinus		0	0	0	0	0	3	72	0	0	4	3						1	0
		Isopoda	Asellidae	Asellidae (LPIL)		1	1	1	6	0	0						0	2	0	0	1		
				Caecidotea (LPIL)		0	1	1	9	6	0	4	0	8	3	1	2	2	0	0	3		
				Caecidotea Racovitzai																			
				Caecidotea Racovitzai Racovitzai			0	0	6	1	1						3	2	1	1	3		
		Ostracoda		Ostracoda (LPIL)								0	0	0	1	0							
				Podocopa (LPIL)													0	0	1	0	2		
			Cypridae	Cypridae (LPIL)		1	0	0	3	0	0	3	0	0	1	1	0	1	1	1	0		
			Cypridopsidae	Cypridopsidae (LPIL)			2	0	0	0	0												
				Cypridopsis (LPIL)			3	3	3	0	0						0	1	3	0	0		
				Cypridopsis sp.B			0	0	0	3	0												
	Hexapoda	Lepidoptera	Pyralidae	Acentria (LPIL)																			
	Insecta	Coleoptera	Dytiscidae	Desmopachria (LPIL)																			
			Elmidae	Dubiraphia (LPIL)								4	2	0	0	0	29	18	21	9	41		
				Elmidae (LPIL)													0	1	1	0	2		
				Macronychus (LPIL)																			
				Promoresia (LPIL)																		0	1
				Stenelmis (LPIL)													0	4	0	1	0		
			Haliplidae	Haliplidae (LPIL)													0	0	0	0	1		
			Psephenidae	Ectopria (LPIL)													0	2	0	0	0		
			Staphylinidae	Staphylinidae (LPIL)																			
		Collembola		Collembola (LPIL)		0																	
			Entomobryidae	Entomobrya sp. A													2	0	1	2	1		
			Onychiuridae	Tullbergia (LPIL)		1																	
		Diptera		Diptera (LPIL)		1											0	0	1	0	0		
			Blephariceridae	Blephariceridae (LPIL)																			
			Ceratopogonidae	Ceratopogonidae (LPIL)																			
			Chironomidae	Chironomidae (LPIL)		2	16	3	10	11	12	8	11	12	10	10	35	14	10	3	49	0	1
				Chironomidae Genus AM																			
				Chironomidae Genus BG																			
				Chironomidae Genus S																			
				Chironomidae Genus U																			
				Chironomus (LPIL)		7	118	27	23	31	52	47	73	65	64	59	3	5	4	2	3	0	1
				Cladopelma (LPIL)			10	1	7	2	0												
				Cladotanytarsus (LPIL)			3	0	1	5	0						39	2	2	4	9		
				Cricotopus (LPIL)			5	3	2	0	0												
				CryptoChironomus (LPIL)			13	1	2	2	2	1	2	0	3	2	16	5	3	0	20		
				Dicrotendipes (LPIL)			8	4	2	11	12						8	5	0	0	0		
				Djalmabatista (LPIL)		0																	
				Einfeldia (LPIL)																			
				Endochironomus Nigricans																			
				Eukiefferiella (LPIL)																			
				Glyptotendipes (LPIL)			0	1	1	4	14						0	0	0	0	3		
				Microtendipes (LPIL)													18	47	17	35	51		
				Parachironomus (LPIL)			0	0	0	0	1												
				Parachironomus Carinatus																			
				Parachironomus Directus																			
				ParaTanytarsus (LPIL)													60	64	2	3	54		
				Paratendipes (LPIL)			0	0	0	0	1						3	8	2	3	20		

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	T1	T11	T11	T11	T11	T11	T13	T13	T13	T13	T13	T15	T15	T15	T15	T15	T3	T3
					Replicate	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2
					Date	92/08/02	92/08/25	92/08/25	92/08/25	92/08/25	92/08/25	92/08/02	92/08/02	92/08/02	92/08/02	92/08/02	92/08/25	92/08/25	92/08/25	92/08/25	92/08/25	92/08/02	92/08/02
				Polypedilum (LPIL)			5	1	4	3	0	0	1	0	1	0	10	6	2	0	3		
				Polypedilum Simulans Group			3	0	1	0	0	0	3	0	1	0	3	0	0	0	0		
				Procladius (LPIL)		0	0	1	3	0	0	0	0	1	0	0	3	0	0	0	0	0	0
				Prodiamesa (LPIL)		9																	
				PsectroTanypus (LPIL)		1																	
				PseudoChironomus (LPIL)																			
				RheoTanytarsus (LPIL)																			
				Tanypus (LPIL)		0																	
				Tanypus Stellatus																			
				Tanytarsus (LPIL)			14	1	2	8	0						11	5	6	4	25		
				Tanytarsus sp. IV		1	59	12	11	38	5	0	0	0	0	1	42	11	27	46	51		
				Tanytarsus sp.I			1	0	0	0	0												
			Culicidae	Chaoborus (LPIL)																			
				Culicidae (LPIL)																			
			Dolichopodidae	Dolichopodidae (LPIL)		0																	
			Psychodidae	Pericoma (LPIL)		0																	
				Psychoda alternata																			
				Psychodidae (LPIL)																			
				Psychoda (LPIL)																			
			Tipulidae	Tipulidae (LPIL)																			
		Ephemeroptera	Caenidae	Caenis (LPIL)													0	0	0	1	0		
		Hemiptera	Hebridae	Merragata (LPIL)																			
		Megaloptera	Sialidae	Sialis (LPIL)																			
		Odonata		Odonata (LPIL)																			
			Coenagrionidae	Coenagrionidae (LPIL)																			
		Trichoptera		Trichoptera (LPIL)																			
			Hydroptilidae	Hydroptila (LPIL)																			
			Leptoceridae	Oecetis (LPIL)													1	0	0	0	0		
Rhynchocoela				Rhynchocoela (LPIL)													0	1	0	0	0		

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S34	S34	S34	S35	S35	S35	S35	S35	S37	S37	S37	S37	S37	S38	S38	S38
					Replicate	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3
					Date	92/08/04	92/08/04	92/08/04	92/07/28	92/07/28	92/07/28	92/07/28	92/07/28	92/07/24	92/07/24	92/07/24	92/07/24	92/07/24	92/07/27	92/07/27	92/07/27
Cnidaria				Hydrozoa (LPIL)																	
Platyhelmenthes	Turbellaria			Turbellaria (LPIL)		0	11	6	4	8	20	7	0	56	36	8	20	12	64	8	12
		Seriata	Planaridae	Dugesia (LPIL)		1	54	15	0	0	0	4	0								
				Dugesia Tigrina		0	1	0													
				Planariidae (LPIL)										0	0	4	0	0			
Annelida	Hirudinea	Rhynchobdellida	Glossiphoniidae	Helobdella Stagnalis																	
	Oligochaeta			Oligochaeta (LPIL)																	
		Tubificida	Naididae	Dero (LPIL)																	
				Dero Digitata		4	23	47	20	100	76	0	4	16	30	0	0	0	84	0	20
				Naididae (LPIL)		0	3	0	44	16	40	21	4	32	15	24	36	36	21	72	20
			Tubificidae	Limnodrilus Cervix		8	0	47	88	0	192	86	12	0	15	12	0	0	0	0	44
				Limnodrilus Hoffmeisteri		4	3	9	588	216	916	278	52	312	286	12	36	460	251	48	212
				Limnodrilus (LPIL)																	
				Tubificidae (LPIL)		355	219	799	1344	1264	2864	1520	192	936	1212	624	692	2848	1422	948	1272
Mollusca	Pelecypoda			Pelecypoda (LPIL)																	
		Heterodonta	Dreissenidae	Dreissina Polymorpha																	
				Mytilopsis Leucophaeata																	
			Sphaeriidae	Sphaeriidae (LPIL)					8	0	4	0	0								
				Pisidium Compressum					0	0	4	2	1	0	0	1	0	0			
				Pisidium Dubium																	
				Pisidium Nitidum																	
				Pisidium Walkeri																	
				Sphaerium (LPIL)																	
				Sphaerium Corneum					0	0	0	6	0	0	1	2	0	0			
				Sphaerium Fabale																	
				Sphaerium Nitidum					0	0	0	9	0	0	0	0	0	1			
				Sphaerium Patella																	
				Sphaerium Rhomboideum																	
	Gastropoda			Gastropoda (LPIL)					0	0	0	0	8								
		Mesogastropoda	Hydrobiidae	Amnicola Limosa																	
		Basommatophora	Ancylidae	Ancylidae (LPIL)																	
				Ferrissia (LPIL)																	
				Ferrissia Parallela																	
				Ferrissia Rivularis																	
				Laevapex Fuscus																	
			Physidae	Physa (LPIL)																	
				Physa Gyrina					0	0	0	3	0	0	0	0	0	1	1	0	4
				Physa Heterostropha																	
				Physa sp.B																	
				Physidae (LPIL)																	
		Lymnophila	Lymnaeidae	Lymnaea (LPIL)																	
			Planorbidae	Gyraulus (LPIL)					0	0	0	0	4								
				Gyraulus Circumstriatus					0	0	0	29	0	0	1	1	1	0	1	0	0
				Gyraulus Parvus																	
				Planorbidae (LPIL)																	

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S34	S34	S34	S35	S35	S35	S35	S35	S37	S37	S37	S37	S37	S38	S38	S38
					Replicate	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3
					Date	92/08/04	92/08/04	92/08/04	92/07/28	92/07/28	92/07/28	92/07/28	92/07/28	92/07/24	92/07/24	92/07/24	92/07/24	92/07/24	92/07/27	92/07/27	92/07/27
Arthropoda		Cladocera	Macrothricidae	Ilyocryptus (LPIL)										0	2	0	0	0	2	0	4
	Arachnida	Acarina		Acarina (LPIL)										0	1	0	0	0			
		Hydracarina		Hydracarina (LPIL)																	
			Mideopsidae	Mideopsis sp.A																	
			Sperchontidae	Sperchon (LPIL)																	
				Sperchon sp.B																	
				Sperchon sp.D																	
				Sperchontidae (LPIL)																	
			Unionicolidae	Neumania (LPIL)																	
				Neumania sp.A																	
				Unionicola (LPIL)																	
				Unionicolidae (LPIL)																	
	Crustacea	Amphipoda	Gammaridae	Gammaridae (LPIL)		0	6	5	0	0	0	1	0	4	1	0	0	4	7	4	8
				Gammarus (LPIL)		3	39	13	0	0	0	1	0	12	0	0	0	12	4	0	4
				Gammarus cf. Fasciatus																	
				Gammarus Tigrinus		4	52	64	0	0	0	3	4	28	15	44	20	28	21	4	16
		Isopoda	Asellidae	Asellidae (LPIL)																	
				Caecidotea (LPIL)																	
				Caecidotea Racovitzai																	
				Caecidotea Racovitzai Racovitzai																	
		Ostracoda		Ostracoda (LPIL)																	
				Podocopa (LPIL)																	
			Cypridae	Cypridae (LPIL)		0	6	5													
			Cypridopsidae	Cypridopsidae (LPIL)																	
				Cypridopsis (LPIL)																	
				Cypridopsis sp.B																	
	Hexapoda	Lepidoptera	Pyralidae	Acentria (LPIL)					0	0	0	4	0								
	Insecta	Coleoptera	Dytiscidae	Desmopachria (LPIL)																	
			Elmidae	Dubiraphia (LPIL)																	
				Elmidae (LPIL)																	
				Macronychus (LPIL)																	
				Promoresia (LPIL)																	
				Stenelmis (LPIL)																	
			Haliplidae	Haliplidae (LPIL)																	
			Psephenidae	Ectopria (LPIL)																	
			Staphylinidae	Staphylinidae (LPIL)																	
		Collembola		Collembola (LPIL)																	
			Entomobryidae	Entomobrya sp. A										0	0	0	0	4			
			Onychiuridae	Tullbergia (LPIL)																	

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S34	S34	S34	S35	S35	S35	S35	S35	S37	S37	S37	S37	S37	S38	S38	S38
					Replicate	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3
					Date	92/08/04	92/08/04	92/08/04	92/07/28	92/07/28	92/07/28	92/07/28	92/07/28	92/07/24	92/07/24	92/07/24	92/07/24	92/07/24	92/07/27	92/07/27	92/07/27
		Diptera		Diptera (LPIL)																	
			Blephariceridae	Blephariceridae (LPIL)																	
			Ceratopogonidae	Ceratopogonidae (LPIL)																	
			Chironomidae	Chironomidae (LPIL)		6	4	78	4	44	44	28	0	4	13	8	8	8	7	8	4
				Chironomidae Genus AM																	
				Chironomidae Genus BG																	
				Chironomidae Genus S																	
				Chironomidae Genus U																	
				Chironomus (LPIL)		51	140	138	44	48	106	99	4	4	43	28	20	40	25	0	12
				Cladopelma (LPIL)		1	4	9	0	0	0	2	0	0	3	0	0	4	1	0	0
				Cladotanytarsus (LPIL)																	
				Cricotopus (LPIL)		1	0	6	0	0	24	25	0	4	0	0	0	4			
				CryptoChironomus (LPIL)																	
				Dicrotendipes (LPIL)		0	19	14	4	0	0	19	0						1	0	0
				Djalmabatista (LPIL)																	
				Einfeldia (LPIL)																	
				Endochironomus Nigricans																	
				Eukiefferiella (LPIL)																	
				Glyptotendipes (LPIL)										0	1	0	0	0	3	0	0
				Microtendipes (LPIL)																	
				Parachironomus (LPIL)					0	0	0	20	0						2	0	0
				Parachironomus Carinatus		0	0	3	0	0	0	14	0	0	1	0	0	8			
				Parachironomus Directus					0	0	4	6	0	0	1	0	0	0			
				ParaTanytarsus (LPIL)																	
				Paratendipes (LPIL)																	
				Polypedilum (LPIL)		0	0	3													
				Polypedilum Simulans Group		0	0	3													
				Procladius (LPIL)										0	0	4	0	0			
				Prodiamesa (LPIL)																	
				PsectroTanypus (LPIL)																	
				PseudoChironomus (LPIL)																	
				RheoTanytarsus (LPIL)																	
				Tanypus (LPIL)																	
				Tanypus Stellatus																	
				Tanytarsus (LPIL)		0	6	9	0	0	4	0	0	8	3	0	0	0	4	0	0
				Tanytarsus sp. IV		5	23	35	0	0	8	0	0	0	5	0	0	0	2	0	0
				Tanytarsus sp.I		0	0	0													
			Culicidae	Chaoborus (LPIL)																	
				Culicidae (LPIL)																	
			Dolichopodidae	Dolichopodidae (LPIL)																	
			Psychodidae	Pericoma (LPIL)																	
				Psychoda alternata																	
				Psychodidae (LPIL)																	
				Psychoda (LPIL)																	
			Tipulidae	Tipulidae (LPIL)																	
		Ephemeroptera	Caenidae	Caenis (LPIL)																	
		Hemiptera	Hebridae	Merragata (LPIL)																	
		Megaloptera	Sialidae	Sialis (LPIL)																	
		Odonata		Odonata (LPIL)																	
			Coenagrionidae	Coenagrionidae (LPIL)																	
		Trichoptera		Trichoptera (LPIL)																	
			Hydroptilidae	Hydroptila (LPIL)																	
			Leptoceridae	Oecetis (LPIL)																	
Rhynchocoela				Rhynchocoela (LPIL)																	

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	T3	T3	T3	T5	T5	T5	T5	T5	T7	T7	T7	T7	T7	T9	T9	T9
					Replicate	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3
					Date	92/08/02	92/08/02	92/08/02	92/08/02	92/08/02	92/08/02	92/08/02	92/08/02	92/08/02	92/08/02	92/08/02	92/08/02	92/08/02	92/08/26	92/08/26	92/08/26
Cnidaria				Hydrozoa (LPIL)																	
Platyhelmenthes	Turbellaria			Turbellaria (LPIL)					0	0	0	2	1								
		Seriata	Planaridae	Dugesia (LPIL)																	
				Dugesia Tigrina																	
				Planariidae (LPIL)																	
Annelida	Hirudinea	Rhynchobdellida	Glossiphoniidae	Helobdella Stagnalis																	
	Oligochaeta			Oligochaeta (LPIL)																	
		Tubificida	Naididae	Dero (LPIL)																	
				Dero Digitata		102	106	121	8	49	30	0	0	0	0	0	5	4			
				Naididae (LPIL)		59	30	25	0	49	15	0	3	6	0	0	17	9			
			Tubificidae	Limnodrilus Cervix		0	0	4	32	12	0	33	0								
				Limnodrilus Hoffmeisteri		28	0	13	16	12	15	241	30						265	52	0
				Limnodrilus (LPIL)																	
				Tubificidae (LPIL)		173	206	238	753	1091	673	669	281	3	0	0	4	0	398	122	3
Mollusca	Pelecypoda			Pelecypoda (LPIL)																	
		Heterodonta	Dreissenidae	Dreissina Polymorpha																	
				Mytilopsis Leucophaeata																	
			Sphaeriidae	Sphaeriidae (LPIL)																	
				Pisidium Compressum																	
				PisidiumDubium																	
				Pisidium Nitidum					0	1	0	0	0								
				Pisidium Walkeri																	
				Sphaerium (LPIL)																	
				Sphaerium Corneum																	
				Sphaerium Fabale																	
				Sphaerium Nitidum					0	1	0	0	0								
				Sphaerium Patella																	
				Sphaerium Rhomboideum																	
	Gastropoda			Gastropoda (LPIL)																	
		Mesogastropoda	Hydrobiidae	Amnicola Limosa																	
		Basommatophora	Ancylidae	Ancylidae (LPIL)																	
				Ferrissia (LPIL)																	
				Ferrissia Parallela																	
				Ferrissia Rivularis																	
				Laevapex Fuscus																	
			Physidae	Physa (LPIL)																	
				Physa Gyrina																	
				Physa Heterostropha										0	0	1	0	0	4	1	0
				Physa sp.B																	
				Physidae (LPIL)																	
		Lymnophila	Lymnaeidae	Lymnaea (LPIL)																	
			Planorbidae	Gyraulus (LPIL)																	
				Gyraulus Circumstriatus																	
				Gyraulus Parvus																	
				Planorbidae (LPIL)																	
Arthropoda		Cladocera	Macrothricidae	Ilyocryptus (LPIL)					0	2	0	0	0								
	Arachnida	Acarina		Acarina (LPIL)																	
		Hydracarina		Hydracarina (LPIL)																	
			Mideopsidae	Mideopsis sp.A																	
			Sperchontidae	Sperchon (LPIL)																	
				Sperchon sp.B																	
				Sperchon sp.D																	

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	T3	T3	T3	T5	T5	T5	T5	T5	T7	T7	T7	T7	T7	T9	T9	T9
					Replicate	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3
					Date	92/08/02	92/08/02	92/08/02	92/08/02	92/08/02	92/08/02	92/08/02	92/08/02	92/08/02	92/08/02	92/08/02	92/08/02	92/08/02	92/08/26	92/08/26	92/08/26
				Sperchontidae (LPIL)																	
			Unionicolidae	Neumania (LPIL)																	
				Neumania sp.A																	
				Unionicola (LPIL)																	
				Unionicolidae (LPIL)																	
	Crustacea	Amphipoda	Gammaridae	Gammaridae (LPIL)					1	1	1	1	0								
				Gammarus (LPIL)		0	0	0	1	0	0	1	0								
				Gammarus cf. Fasciatus																	
				Gammarus Tigrinus		0	0	0	7	2	2	8	0								
		Isopoda	Asellidae	Asellidae (LPIL)																	
				Caecidotea (LPIL)					0	2	0	2	0								
				Caecidotea Racovitzai																	
				Caecidotea Racovitzai Racovitzai																	
		Ostracoda		Ostracoda (LPIL)																	
				Podocopa (LPIL)																	
			Cypridae	Cypridae (LPIL)																	
			Cypridopsidae	Cypridopsidae (LPIL)																	
				Cypridopsis (LPIL)																	
				Cypridopsis sp.B																	
	Hexapoda	Lepidoptera	Pyralidae	Acentria (LPIL)															1	0	0
	Insecta	Coleoptera	Dytiscidae	Desmopachria (LPIL)										0	0	0	1	0			
			Elmidae	Dubiraphia (LPIL)																	
				Elmidae (LPIL)																	
				Macronychus (LPIL)																	
				Promoresia (LPIL)		0	0	0													
				Stenelmis (LPIL)																	
			Haliplidae	Haliplidae (LPIL)																	
			Psephenidae	Ectopria (LPIL)																	
			Staphylinidae	Staphylinidae (LPIL)																	
		Collembola		Collembola (LPIL)																	
			Entomobryidae	Entomobrya sp. A																	
			Onychiuridae	Tullbergia (LPIL)					0	0	0	0	1								
		Diptera		Diptera (LPIL)					0	3	0	0	0						1	0	0
			Blephariceridae	Blephariceridae (LPIL)																	
			Ceratopogonidae	Ceratopogonidae (LPIL)																	
			Chironomidae	Chironomidae (LPIL)		0	0	0	7	4	7	2	2	6	6	8	13	6	0	1	1
				Chironomidae Genus AM																	
				Chironomidae Genus BG																	
				Chironomidae Genus S																	
				Chironomidae Genus U																	
				Chironomus (LPIL)		3	1	0	21	31	14	40	17	19	37	67	54	27			
				Cladopelma (LPIL)					0	2	0	0	0	0	0	1	0	1			
				Cladotanytarsus (LPIL)																	
				Cricotopus (LPIL)					0	1	0	0	0	0	0	0	0	1	0	0	1
				CryptoChironomus (LPIL)					0	0	0	2	0								
				Dicrotendipes (LPIL)										0	6	0	3	9			
				Djalmabatista (LPIL)																	
				Einfeldia (LPIL)																	
				Endochironomus Nigricans																	
				Eukiefferiella (LPIL)															8	2	0
				Glyptotendipes (LPIL)										4	3	2	0	0			
				Microtendipes (LPIL)																	
				Parachironomus (LPIL)										1	0	0	1	2			
				Parachironomus Carinatus																	
				Parachironomus Directus																	
				ParaTanytarsus (LPIL)																	
				Paratendipes (LPIL)																	

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	T3	T3	T3	T5	T5	T5	T5	T5	T7	T7	T7	T7	T7	T9	T9	T9
					Replicate	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3
					Date	92/08/02	92/08/02	92/08/02	92/08/02	92/08/02	92/08/02	92/08/02	92/08/02	92/08/02	92/08/02	92/08/02	92/08/02	92/08/02	92/08/26	92/08/26	92/08/26
				Polypedilum (LPIL)																	
				Polypedilum Simulans Group																	
				Procladius (LPIL)		0	0	1	5	4	5	5	0	0	0	0	1	0			
				Prodiamesa (LPIL)					0	0	0	0	2	0	1	0	0	0			
				PsectroTanypus (LPIL)					1	0	0	1	0								
				PseudoChironomus (LPIL)																	
				RheoTanytarsus (LPIL)																	
				Tanypus (LPIL)										2	5	0	6	4			
				Tanypus Stellatus					0	0	1	0	0								
				Tanytarsus (LPIL)										0	0	0	0	1			
				Tanytarsus sp. IV										1	0	1	2	0			
				Tanytarsus sp.I																	
			Culicidae	Chaoborus (LPIL)																	
				Culicidae (LPIL)																	
			Dolichopodidae	Dolichopodidae (LPIL)																	
			Psychodidae	Pericoma (LPIL)					0	0	0	0	1								
				Psychoda alternata																	
				Psychodidae (LPIL)																	
				Psychoda (LPIL)																	
			Tipulidae	Tipulidae (LPIL)																	
		Ephemeroptera	Caenidae	Caenis (LPIL)																	
		Hemiptera	Hebridae	Merragata (LPIL)										0	0	0	0	1			
		Megaloptera	Sialidae	Sialis (LPIL)																	
		Odonata		Odonata (LPIL)																	
			Coenagrionidae	Coenagrionidae (LPIL)															9	0	0
		Trichoptera		Trichoptera (LPIL)																	
			Hydroptilidae	Hydroptila (LPIL)																	
			Leptoceridae	Oecetis (LPIL)																	
Rhynchocoela				Rhynchocoela (LPIL)																	

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S38	S38	S39	S39	S39	S39	S39
					Replicate	REP4	REP5	REP1	REP2	REP3	REP4	REP5
					Date	92/07/27	92/07/27	92/07/27	92/07/27	92/07/27	92/07/27	92/07/27
Cnidaria				Hydrozoa (LPIL)								
Platyhelmenthes	Turbellaria			Turbellaria (LPIL)		8	20					
		Seriata	Planaridae	Dugesia (LPIL)								
				Dugesia Tigrina								
				Planariidae (LPIL)								
Annelida	Hirudinea	Rhynchobdellida	Glossiphoniidae	Helobdella Stagnalis								
	Oligochaeta			Oligochaeta (LPIL)								
		Tubificida	Naididae	Dero (LPIL)								
				Dero Digitata		20	52					
				Naididae (LPIL)		4	132					
			Tubificidae	Limnodrilus Cervix		4	0					
				Limnodrilus Hoffmeisteri		12	236	1	0	0	2	0
				Limnodrilus (LPIL)								
				Tubificidae (LPIL)		252	2012	0	0	0	1	1
Mollusca	Pelecypoda			Pelecypoda (LPIL)								
		Heterodonta	Dreissenidae	Dreissina Polymorpha								
				Mytilopsis Leucophaeata								
			Sphaeriidae	Sphaeriidae (LPIL)								
				Pisidium Compressum								
				Pisidium Dubium								
				Pisidium Nitidum								
				Pisidium Walkeri								
				Sphaerium (LPIL)								
				Sphaerium Corneum								
				Sphaerium Fabale								
				Sphaerium Nitidum								
				Sphaerium Patella								
				Sphaerium Rhomboideum								
	Gastropoda			Gastropoda (LPIL)								
		Mesogastropoda	Hydrobiidae	Amnicola Limosa								
		Basommatophora	Ancylidae	Ancylidae (LPIL)								
				Ferrissia (LPIL)								
				Ferrissia Parallela								
				Ferrissia Rivularis								
				Laevapex Fuscus								
			Physidae	Physa (LPIL)								
				Physa Gyrina		0	0					
				Physa Heterostropha								
				Physa sp.B								
				Physidae (LPIL)								
		Lymnophila	Lymnaeidae	Lymnaea (LPIL)								
			Planorbidae	Gyraulus (LPIL)								
				Gyraulus Circumstriatus		0	0					
				Gyraulus Parvus								
				Planorbidae (LPIL)								

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S38	S38	S39	S39	S39	S39	S39
					Replicate	REP4	REP5	REP1	REP2	REP3	REP4	REP5
					Date	92/07/27	92/07/27	92/07/27	92/07/27	92/07/27	92/07/27	92/07/27
Arthropoda		Cladocera	Macrothricidae	Ilyocryptus (LPIL)		0	0					
	Arachnida	Acarina		Acarina (LPIL)								
		Hydracarina		Hydracarina (LPIL)								
			Mideopsidae	Mideopsis sp.A								
			Sperchontidae	Sperchon (LPIL)								
				Sperchon sp.B								
				Sperchon sp.D								
				Sperchontidae (LPIL)								
			Unionicolidae	Neumania (LPIL)								
				Neumania sp.A								
				Unionicola (LPIL)								
				Unionicolidae (LPIL)								
	Crustacea	Amphipoda	Gammaridae	Gammaridae (LPIL)		4	4					
				Gammarus (LPIL)		0	4					
				Gammarus cf. Fasciatus								
				Gammarus Tigrinus		16	8					
		Isopoda	Asellidae	Asellidae (LPIL)								
				Caecidotea (LPIL)								
				Caecidotea Racovitzai								
				Caecidotea Racovitzai Racovitzai								
		Ostracoda		Ostracoda (LPIL)								
				Podocopa (LPIL)								
			Cypridae	Cypridae (LPIL)								
			Cypridopsidae	Cypridopsidae (LPIL)								
				Cypridopsis (LPIL)								
				Cypridopsis sp.B								
	Hexapoda	Lepidoptera	Pyralidae	Acentria (LPIL)								
	Insecta	Coleoptera	Dytiscidae	Desmopachria (LPIL)								
			Elmidae	Dubiraphia (LPIL)								
				Elmidae (LPIL)								
				Macronychus (LPIL)								
				Promoresia (LPIL)								
				Stenelmis (LPIL)								
			Haliplidae	Haliplidae (LPIL)								
			Psephenidae	Ectopria (LPIL)								
			Staphylinidae	Staphylinidae (LPIL)								
		Collembola		Collembola (LPIL)								
			Entomobryidae	Entomobrya sp. A								
			Onychiuridae	Tullbergia (LPIL)								

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	S38	S38	S39	S39	S39	S39	S39
					Replicate	REP4	REP5	REP1	REP2	REP3	REP4	REP5
					Date	92/07/27	92/07/27	92/07/27	92/07/27	92/07/27	92/07/27	92/07/27
		Diptera		Diptera (LPIL)								
			Blephariceridae	Blephariceridae (LPIL)								
			Ceratopogonidae	Ceratopogonidae (LPIL)								
			Chironomidae	Chironomidae (LPIL)		0	0					
				Chironomidae Genus AM								
				Chironomidae Genus BG								
				Chironomidae Genus S								
				Chironomidae Genus U								
				Chironomus (LPIL)		16	20	5	0	0	3	3
				Cladopelma (LPIL)		0	0					
				Cladotanytarsus (LPIL)								
				Cricotopus (LPIL)								
				CryptoChironomus (LPIL)								
				Dicrotendipes (LPIL)		0	0					
				Djalmabatista (LPIL)								
				Einfeldia (LPIL)								
				Endochironomus Nigricans								
				Eukiefferiella (LPIL)								
				Glyptotendipes (LPIL)		0	0					
				Microtendipes (LPIL)								
				Parachironomus (LPIL)		0	0					
				Parachironomus Carinatus								
				Parachironomus Directus								
				ParaTanytarsus (LPIL)								
				Paratendipes (LPIL)								
				Polypedilum (LPIL)								
				Polypedilum Simulans Group								
				Procladius (LPIL)								
				Prodiamesa (LPIL)								
				PsectroTanypus (LPIL)								
				PseudoChironomus (LPIL)								
				RheoTanytarsus (LPIL)								
				Tanypus (LPIL)								
				Tanypus Stellatus								
				Tanytarsus (LPIL)		0	0					
				Tanytarsus sp. IV		0	0					
				Tanytarsus sp.I								
			Culicidae	Chaoborus (LPIL)								
				Culicidae (LPIL)								
			Dolichopodidae	Dolichopodidae (LPIL)								
			Psychodidae	Pericoma (LPIL)								
				Psychoda alternata								
				Psychodidae (LPIL)								
				Psychoda (LPIL)								
			Tipulidae	Tipulidae (LPIL)								
		Ephemeroptera	Caenidae	Caenis (LPIL)								
		Hemiptera	Hebridae	Merragata (LPIL)								
		Megaloptera	Sialidae	Sialis (LPIL)								
		Odonata		Odonata (LPIL)								
			Coenagrionidae	Coenagrionidae (LPIL)								
		Trichoptera		Trichoptera (LPIL)								
			Hydroptilidae	Hydroptila (LPIL)								
			Leptoceridae	Oecetis (LPIL)								
Rhynchocoela				Rhynchocoela (LPIL)								

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	T9	T9
					Replicate	REP4	REP5
					Date	92/08/26	92/08/26
Cnidaria				Hydrozoa (LPIL)			
Platyhelmenthes	Turbellaria			Turbellaria (LPIL)			
		Seriata	Planaridae	Dugesia (LPIL)			
				Dugesia Tigrina			
				Planariidae (LPIL)			
Annelida	Hirudinea	Rhynchobdellida	Glossiphoniidae	Helobdella Stagnalis			
	Oligochaeta			Oligochaeta (LPIL)			
		Tubificida	Naididae	Dero (LPIL)			
				Dero Digitata			
				Naididae (LPIL)			
			Tubificidae	Limnodrilus Cervix			
				Limnodrilus Hoffmeisteri		26	0
				Limnodrilus (LPIL)			
				Tubificidae (LPIL)		56	11
Mollusca	Pelecypoda			Pelecypoda (LPIL)			
		Heterodonta	Dreissenidae	Dreissina Polymorpha			
				Mytilopsis Leucophaeata			
			Sphaeriidae	Sphaeriidae (LPIL)			
				Pisidium Compressum			
				PisidiumDubium			
				Pisidium Nitidum			
				Pisidium Walkeri			
				Sphaerium (LPIL)			
				Sphaerium Corneum			
				Sphaerium Fabale			
				Sphaerium Nitidum			
				Sphaerium Patella			
				Sphaerium Rhomboideum			
	Gastropoda			Gastropoda (LPIL)			
		Mesogastropoda	Hydrobiidae	Amnicola Limosa			
		Basommatophora	Ancylidae	Ancylidae (LPIL)			
				Ferrissia (LPIL)			
				Ferrissia Parallela			
				Ferrissia Rivularis			
				Laevapex Fuscus			
			Physidae	Physa (LPIL)			
				Physa Gyrina			
				Physa Heterostropha		0	0
				Physa sp.B			
				Physidae (LPIL)			
		Lymnophila	Lymnaeidae	Lymnaea (LPIL)			
			Planorbidae	Gyraulus (LPIL)			
				Gyraulus Circumstriatus			
				Gyraulus Parvus			
				Planorbidae (LPIL)			
Arthropoda		Cladocera	Macrothricidae	Ilyocryptus (LPIL)			
	Arachnida	Acarina		Acarina (LPIL)			
		Hydracarina		Hydracarina (LPIL)			
			Mideopsidae	Mideopsis sp.A			
			Sperchontidae	Sperchon (LPIL)			
				Sperchon sp.B			
				Sperchon sp.D			

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	T9	T9
					Replicate	REP4	REP5
					Date	92/08/26	92/08/26
				Sperchontidae (LPIL)			
			Unionicolidae	Neumania (LPIL)			
				Neumania sp.A			
				Unionicola (LPIL)			
				Unionicolidae (LPIL)			
	Crustacea	Amphipoda	Gammaridae	Gammaridae (LPIL)			
				Gammarus (LPIL)			
				Gammarus cf. Fasciatus			
				Gammarus Tigrinus			
		Isopoda	Asellidae	Asellidae (LPIL)			
				Caecidotea (LPIL)			
				Caecidotea Racovitzai			
				Caecidotea Racovitzai Racovitzai			
		Ostracoda		Ostracoda (LPIL)			
				Podocopa (LPIL)			
			Cypridae	Cypridae (LPIL)			
			Cypridopsidae	Cypridopsidae (LPIL)			
				Cypridopsis (LPIL)			
				Cypridopsis sp.B			
	Hexapoda	Lepidoptera	Pyralidae	Acentria (LPIL)		0	0
	Insecta	Coleoptera	Dytiscidae	Desmopachria (LPIL)			
			Elmidae	Dubiraphia (LPIL)			
				Elmidae (LPIL)			
				Macronychus (LPIL)			
				Promoresia (LPIL)			
				Stenelmis (LPIL)			
			Haliplidae	Haliplidae (LPIL)			
			Psephenidae	Ectopria (LPIL)			
			Staphylinidae	Staphylinidae (LPIL)			
		Collembola		Collembola (LPIL)			
			Entomobryidae	Entomobrya sp. A			
			Onychiuridae	Tullbergia (LPIL)			
		Diptera		Diptera (LPIL)		0	0
			Blephariceridae	Blephariceridae (LPIL)			
			Ceratopogonidae	Ceratopogonidae (LPIL)			
			Chironomidae	Chironomidae (LPIL)		0	0
				Chironomidae Genus AM			
				Chironomidae Genus BG			
				Chironomidae Genus S			
				Chironomidae Genus U			
				Chironomus (LPIL)			
				Cladopelma (LPIL)			
				Cladotanytarsus (LPIL)			
				Cricotopus (LPIL)		2	0
				CryptoChironomus (LPIL)			
				Dicrotendipes (LPIL)			
				Djalmabatista (LPIL)			
				Einfeldia (LPIL)			
				Endochironomus Nigricans			
				Eukiefferiella (LPIL)		3	2
				Glyptotendipes (LPIL)			
				Microtendipes (LPIL)			
				Parachironomus (LPIL)			
				Parachironomus Carinatus			
				Parachironomus Directus			
				ParaTanytarsus (LPIL)			
				Paratendipes (LPIL)			

Table I-17. (cont.)

Phylum	Class	Order	Family	Genus/Species	Station	T9	T9
					Replicate	REP4	REP5
					Date	92/08/26	92/08/26
				Polypedilum (LPIL)			
				Polypedilum Simulans Group			
				Procladius (LPIL)			
				Prodiamesa (LPIL)			
				PsectroTanypus (LPIL)			
				PseudoChironomus (LPIL)			
				RheoTanytarsus (LPIL)			
				Tanypus (LPIL)			
				Tanypus Stellatus			
				Tanytarsus (LPIL)			
				Tanytarsus sp. IV			
				Tanytarsus sp.I			
			Culicidae	Chaoborus (LPIL)			
				Culicidae (LPIL)			
			Dolichopodidae	Dolichopodidae (LPIL)			
			Psychodidae	Pericoma (LPIL)			
				Psychoda alternata			
				Psychodidae (LPIL)			
				Psychoda (LPIL)			
			Tipulidae	Tipulidae (LPIL)			
		Ephemeroptera	Caenidae	Caenis (LPIL)			
		Hemiptera	Hebridae	Merragata (LPIL)			
		Megaloptera	Sialidae	Sialis (LPIL)			
		Odonata		Odonata (LPIL)			
			Coenagrionidae	Coenagrionidae (LPIL)		0	0
		Trichoptera		Trichoptera (LPIL)			
			Hydroptilidae	Hydroptila (LPIL)			
			Leptoceridae	Oecetis (LPIL)			
Rhynchocoela				Rhynchocoela (LPIL)			

Table I-18A. 2000 Amphipod Toxicity Test Data

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)	1.032	1.036	1.040	1.014								
Tin + Dry amphipods (g)	1.036	1.041	1.045	1.020								
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)	1.053	1.049	1.045	1.017								
Tin + Dry amphipods (g)	1.058	1.054	1.049	1.021								
Dry Wt per Amphipod (mg)	0.467	0.485	0.438	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

Table I-18A. (cont.)
Station: **S344**
Sample ID: **TX0002**

	Replicate Test Vessel											
Test Endpoint	**C**	**G**	**K**	**L**	**A**	**B**	**D**	**E**	**F**	**H**	**I**	**J**
# Amphipods Alive - Day 2	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)	1.066	1.049	1.032	1.028								
Tin + Dry amphipods (g)	1.068	1.050	1.032	1.028								
Dry Wt per Amphipod (mg)	0.515	0.284	0.130	0.290								
# 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**

	Replicate Test Vessel											
Test Endpoint	**C**	**G**	**K**	**L**	**A**	**B**	**D**	**E**	**F**	**H**	**I**	**J**
# Amphipods Alive - Day 2	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)	1.033	1.034	1.058	1.064								
Tin + Dry amphipods (g)	1.034	1.035	1.059	1.066								
Dry Wt per Amphipod (mg)	0.650	0.830	0.520	0.680								
# 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

Table I-18A. (cont.)

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)	1.024	1.035	1.040	1.030								
Tin + Dry amphipods (g)	1.032	1.042	1.047	1.037								
Dry Wt per Amphipod (mg)	0.921	1.095	0.891	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					20.3	5.5	11.0	3.3	11.8	12.5	6.7	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)	1.064	1.032	1.044	1.041								
Tin + Dry amphipods (g)	1.071	1.040	1.052	1.051								
Dry Wt per Amphipod (mg)	0.690	0.816	0.900	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	13.2	12.2	6.5	14.3	3.0	6.7

Table I-18A. (cont.)
Station: **S337**
Sample ID: **TX0006**

	Replicate Test Vessel											
Test Endpoint	**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)	1.053	1.061	1.065	1.052								
Tin + Dry amphipods (g)	1.055	1.063	1.068	1.055								
Dry Wt per Amphipod (mg)	0.358	0.282	0.440	0.417								
# 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	7.8	2.2	4.3	0.7	1.0	3.7	

Station: **S332**
Sample ID: **TX0007**

	Replicate Test Vessel											
Test Endpoint	**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)	1.045	1.045	1.021	1.042								
Tin + Dry amphipods (g)	1.047	1.046	1.022									
Dry Wt per Amphipod (mg)	0.408	0.540	0.347									
# 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						8.8	0		5	8	7	

Table I-18A. (cont.)
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)	1.031	1.015	1.017	1.022								
Tin + Dry amphipods (g)	1.038	1.021	1.024	1.029								
Dry Wt per Amphipod (mg)	0.650	0.720	0.719	0.897								
# 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	15.714286	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)	1.039	1.040	1.064	1.042								
Tin + Dry amphipods (g)	1.042	1.043	1.068	1.045								
Dry Wt per Amphipod (mg)	0.443	0.395	0.380	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	7.1666667	0

Table I-18A. (cont.)
Station: **S372**
Sample ID: **TX0010**

	Replicate Test Vessel											
Test Endpoint	**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)	1.064	1.042	1.047	1.017								
Tin + Dry amphipods (g)	1.071	1.051	1.056	1.024								
Dry Wt per Amphipod (mg)	0.772	0.897	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	12.7	15.8	16.3	9.3	15.5	14	8

Station: **S305**
Sample ID: **TX0011**

	Replicate Test Vessel											
Test Endpoint	**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)	1.029	1.071	1.063	1.065								
Tin + Dry amphipods (g)	1.032	1.074	1.067	1.070								
Dry Wt per Amphipod (mg)	0.390	0.379	0.400	0.470								
# 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					7.0	5.3	3.3	3.8	4	4.2	6.2	4.5

Table I-18A. (cont.)
Station: **S302**
Sample ID: **TX0012**

	Replicate Test Vessel											
Test Endpoint	**C**	**G**	**K**	**L**	**A**	**B**	**D**	**E**	**F**	**H**	**I**	**J**
# Amphipods Alive - Day 2	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)	1.039	1.039	1.028	1.023								
Tin + Dry amphipods (g)	1.045	1.044	1.032	1.028								
Dry Wt per Amphipod (mg)	0.606	0.537	0.406	0.539								
# 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	7.7	7.2	6.5	7.8	7	5.8	9

Station: **S303**
Sample ID: **TX0013**

	Replicate Test Vessel											
Test Endpoint	**C**	**G**	**K**	**L**	**A**	**B**	**D**	**E**	**F**	**H**	**I**	**J**
# Amphipods Alive - Day 2	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)	1.048	1.035	1.063	1.055								
Tin + Dry amphipods (g)	1.054	1.043	1.070	1.063								
Dry Wt per Amphipod (mg)	0.660	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					11	7.2	10.75	11.5	7.2	17	14	10

Table I-18A. (cont.)
Station: **S323**
Sample ID: **TX0014**

	Replicate Test Vessel											
Test Endpoint	**C**	**G**	**K**	**L**	**A**	**B**	**D**	**E**	**F**	**H**	**I**	**J**
# Amphipods Alive - Day 2	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)	1.055	1.041	1.038	1.038								
Tin + Dry amphipods (g)	1.057	1.043	1.040	1.042								
Dry Wt per Amphipod (mg)	0.303	0.253	0.283	0.363								
# 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	0.67	3.17	5.25	2	3	3.75	2.43

Station: **S320**
Sample ID: **TX0015**

	Replicate Test Vessel											
Test Endpoint	**C**	**G**	**K**	**L**	**A**	**B**	**D**	**E**	**F**	**H**	**I**	**J**
# Amphipods Alive - Day 2	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)	1.033	1.049	1.026	1.028								
Tin + Dry amphipods (g)	1.036	1.052	1.029	1.031								
Dry Wt per Amphipod (mg)	0.271	0.440	0.341	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					4.3	8.4	3.8	3.4	3.8	7.4	3.8	3

Table I-18A. (cont.)
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 2	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)	1.057	1.063	1.058	1.061								
Tin + Dry amphipods (g)	1.058	1.064	1.059	1.062								
Dry Wt per Amphipod (mg)	0.347	0.200	0.320	0.580								
# 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							2.3333333	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 2	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)	1.045	1.048	1.044	1.045								
Tin + Dry amphipods (g)	1.049	1.051	1.049	1.049								
Dry Wt per Amphipod (mg)	0.440	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	8.7	0.7	4.7	0.5	3.6	7	8.4

Table I-18B. 2000 Chironomid Survival and Ash-Free Dry Weight: Day 20

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	0.960	0.956	0.520
		d	12	0	0	100	0.933	0.927	0.454
		h	8	2	2	100	1.052	1.048	0.540
		I	7	3	2	100	1.090	1.086	0.509
OT-6	TX0001	b	9	0	0	75	0.938	0.932	0.638
		d	10	0	0	83	0.941	0.935	0.603
		h	2	7	2	92	0.928	0.927	0.835
		I	6	1	0	58	0.946	0.940	1.012
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	0.942	0.940	1.040
		h	0	5	2	58	--	--	--
		I	7	4	0	92	0.957	0.950	0.981
S354	TX0005	b	6	1	2	75	0.946	0.940	1.000
		d	3	2	4	75	0.941	0.939	0.477
		h	4	1	7	100	0.949	0.945	0.933
		I	8	1	2	92	0.956	0.952	0.448
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	0.946	0.945	0.530
		d	1	1	0	17	0.939	0.938	0.490
		h	9	1	1	92	0.958	0.955	0.338
		I	7	1	1	75	0.955	0.950	0.759
S317	TX0009	b	4	0	0	33	--	--	--
		d	8	1	0	75	0.959	0.956	0.411
		h	4	0	0	33	0.926	0.924	0.438
		I	12	0	0	100	0.938	0.935	0.232
S372	TX0010	b	5	1	2	67	1.073	1.071	0.418
		d	8	0	3	92	1.038	1.035	0.438
		h	5	3	0	67	1.057	1.055	0.572
		I	9	0	1	83	1.062	1.060	0.231
S305	TX0011	b	10	0	0	83	1.064	1.056	0.864
		d	6	2	0	67	1.053	1.046	1.023
		h	5	2	0	58	1.073	1.068	0.964
		I	12	0	0	100	1.069	1.058	0.937

Table I-18B. (cont.)

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	1.074	1.069	0.570
		d	7	0	0	58	1.062	1.058	0.560
		h	9	0	1	83	1.073	1.065	0.896
		I	4	1	0	42	1.029	1.026	0.773
S303	TX0013	b	2	2	3	58	1.049	1.046	1.260
		d	1	3	3	58	1.056	1.056	0.500
		h	4	3	0	58	1.064	1.060	1.025
		I	5	2	2	75	1.069	1.064	1.002
S323	TX0014	b	0	1	0	8	--	--	--
		d	1	0	0	8	1.057	1.057	0.110
		h	3	1	0	33	1.060	1.060	0.117
		I	1	1	0	17	1.022	1.022	0.390
S320	TX0015	b	11	0	0	92	1.082	1.075	0.598
		d	3	0	0	25	1.097	1.094	0.757
		h	8	1	0	75	1.075	1.071	0.512
		I	2	3	0	42	1.061	1.060	0.725
S365	TX0016	b	8	0	0	67	1.042	1.040	0.245
		d	6	0	0	50	1.073	1.073	0.058
		h	4	0	0	33	1.058	1.057	0.238
		I	4	0	0	33	1.076	1.074	0.415
OT-7	TX0017	b	7	3	0	83	1.051	1.045	0.809
		d	12	0	0	100	1.053	1.045	0.661
		h	11	0	0	92	1.057	1.051	0.580
		I	9	1	0	83	1.067	1.062	0.659

Table I-18C. 2000 Chrionomid Bioassay Data
Sample ID: Lab Control

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	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	25.56	24.11	25	28.25	25.55	28.88	32.8
Mean % Emergence:	74								Mean time to Emergence:	27							

Table I-18C. (cont.)
Station: **OT-6 (Reference area)**
Sample ID: **TX0001**

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	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:	24.67	27.88	21.88	25.83	24.14	26.67	34.5	27.4
Mean % Emergence:	49								Mean time to Emergence:	27							

Table I-18C. (cont.)
Station: **S355**
Sample ID: **TX0004**

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	2	2	2	0	0	0	0	0	40	40	40
20	4	3	6	0	2	1	0	1	84	63	126	0	42	21	0	21
21	2	2	2	6	3	0	1	0	44	44	44	132	66	0	22	0
22	0	1	0	0	0	1	1	3	0	23	0	0	0	23	23	69
23	0	0	0	0	0	1	0	1	0	0	0	0	0	24	0	24
24	0	0	0	1	0	0	0	0	0	0	0	25	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	27	27	0	27
27	0	0	0	0	0	0	1	0	0	0	0	0	0	0	28	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	30	30	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	32
32	0	0	0	0	0	0	1	0	0	0	0	0	0	0	33	0
33	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	34
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:	21.3333	21.6667	22.2222	23.375	22.5	22.5	24.3333	24.7
Mean % Emergence:	59								Mean time to Emergence:	23						

Table I-18C. (cont.)
Station: **S354**
Sample ID: **TX0005**

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	1	1	1	1	1	2	0	2	20	20	20	20	20	40	0	40
20	1	2	1	1	1	2	0	0	21	42	21	21	21	42	0	0
21	0	0	0	1	0	1	2	1	0	0	0	22	0	22	44	22
22	1	0	3	0	1	2	0	1	23	0	69	0	23	46	0	23
23	1	2	0	0	0	2	0	1	24	48	0	0	0	48	0	24
24	1	1	1	1	0	0	1	1	25	25	25	25	0	0	25	25
25	0	0	0	0	1	1	1	0	0	0	0	0	26	26	26	0
26	0	3	1	0	1	1	0	2	0	81	27	0	27	27	0	54
27	0	0	1	0	1	1	0	0	0	0	28	0	28	28	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	30	30	30	0	0	0
30	3	0	0	3	0	0	0	0	93	0	0	93	0	0	0	0
31	0	0	0	0	1	1	0	0	0	0	0	0	32	32	0	0
32	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	33
33	0	0	0	0	0	1	0	0	0	0	0	0	0	34	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:	25.75	24	24.4444	26.375	25.875	24.6429	23.75	24.5556
Mean % Emergence:	70								Mean time to Emergence:	25							

Table I-18C. (cont.)

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	42	21	0	0	0	0	21	21
21	1	1	0	1	0	2	1	1	22	22	0	22	0	44	22	22
22	1	0	0	2	2	3	2	1	23	0	0	46	46	69	46	23
23	0	1	1	0	0	1	0	0	0	24	24	0	0	24	0	0
24	0	0	1	0	1	1	0	1	0	0	25	0	25	25	0	25
25	0	0	0	0	1	0	0	0	0	0	0	0	26	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	56	28
28	0	0	1	0	0	0	0	1	0	0	29	0	0	0	0	29
29	0	0	0	0	0	0	2	2	0	0	0	0	0	0	60	60
30	0	0	0	0	0	1	2	0	0	0	0	0	0	31	62	0
31	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	32
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	35	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	40	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:	21.75	22.33	26	22.67	28.67	24.13	26.7	26.67
Mean % Emergence:	48								Mean time to Emergence:	25							

Table I-18C. (cont.)
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	21	0	0	0	0
21	1	0	0	0	0	0	0	0	22	0	0	0	0	0	0	0
22	1	0	0	0	0	0	0	1	23	0	0	0	0	0	0	23
23	0	0	1	0	0	0	0	1	0	0	24	0	0	0	0	24
24	1	0	0	0	0	0	0	0	25	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	27	0	0	54	0	0	0	0
27	0	1	0	0	0	0	0	0	0	28	0	0	0	0	0	0
28	0	0	1	1	1	2	0	0	0	0	29	29	29	58	0	0
29	0	0	1	0	1	1	0	0	0	0	30	0	30	30	0	0
30	0	0	1	0	0	0	0	0	0	0	31	0	0	0	0	0
31	1	1	0	0	0	0	0	0	32	32	0	0	0	0	0	0
32	0	0	1	0	0	0	0	0	0	0	33	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	35	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	37	0
37	0	1	0	0	0	0	0	0	0	38	0	0	0	0	0	0
38	0	0	1	1	0	0	0	0	0	0	39	39	0	0	0	0
39	0	0	0	1	0	0	0	1	0	0	0	40	0	0	0	40
40	0	2	0	1	0	0	0	0	0	82	0	41	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:	25.8	36	31	32	31.33	29.33	37	29
Mean % Emergence:	34								Mean time to Emergence:	31							

Table I-18C. (cont.)
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	20	0	20	40	20	0
20	0	0	0	0	2	1	0	0	0	0	0	0	42	21	0	0
21	3	1	1	1	0	0	0	0	66	22	22	22	0	0	0	0
22	1	1	1	0	2	0	0	1	23	23	23	0	46	0	0	23
23	1	1	1	0	0	0	1	1	24	24	24	0	0	0	24	24
24	2	0	1	1	0	1	0	1	50	0	25	25	0	25	0	25
25	0	0	1	0	0	0	0	0	0	0	26	0	0	0	0	0
26	0	0	1	0	2	0	0	0	0	0	27	0	54	0	0	0
27	1	0	1	0	0	0	0	0	28	0	28	0	0	0	0	0
28	0	0	1	0	0	0	0	0	0	0	29	0	0	0	0	0
29	0	1	2	0	3	2	0	1	0	30	60	0	90	60	0	30
30	0	1	0	0	0	1	0	1	0	31	0	0	0	31	0	31
31	0	0	0	0	0	0	1	0	0	0	0	0	0	0	32	0
32	1	0	0	0	1	0	0	0	33	0	0	0	33	0	0	0
33	0	1	0	0	0	0	1	0	0	34	0	0	0	0	34	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	36	0	0	0
36	0	0	0	1	0	1	2	0	0	0	0	37	0	37	74	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	40	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:	24.889	27.333	25.818	31	26.75	26.75	30.667	26.6
Mean % Emergence:	64								Mean time to Emergence:	27						

Table I-18C. (cont.)
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	22	0	0	0	0	0	0	0
22	0	0	1	0	0	0	1	0	0	0	23	0	0	0	23	0
23	0	0	0	0	1	1	1	0	0	0	0	0	24	24	24	0
24	3	2	0	0	1	0	0	0	75	50	0	0	25	0	0	0
25	1	0	0	0	0	0	0	0	26	0	0	0	0	0	0	0
26	0	0	0	0	1	0	1	0	0	0	0	0	27	0	27	0
27	1	0	0	0	0	0	1	1	28	0	0	0	0	0	28	28
28	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	58
29	0	1	1	0	0	1	1	2	0	30	30	0	0	30	30	60
30	0	2	0	2	0	1	0	0	0	62	0	62	0	31	0	0
31	0	0	1	1	0	1	0	0	0	0	32	32	0	32	0	0
32	1	0	0	0	1	2	0	0	33	0	0	0	33	66	0	0
33	0	2	0	1	0	1	0	0	0	68	0	34	0	34	0	0
34	0	0	2	2	0	1	0	0	0	0	70	70	0	35	0	0
35	0	0	0	1	0	0	0	0	0	0	0	36	0	0	0	0
36	0	0	1	0	0	0	0	0	0	0	37	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	40	40	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:	26.286	31.25	33.143	33.429	27.25	31.5	26.4	29.2
Mean % Emergence:	53								Mean time to Emergence:	30							

Table I-18C. (cont.)
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:	27.17	32.5	22.2	21.67	26.25	25.38	27.71	29.75
Mean % Emergence:	51								Mean time to Emergence:	27							

Table I-18C. (cont.)
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:	21.13	23	20.6	19.8	24.83	24.57	19.17	20
Mean % Emergence:	47								Mean time to Emergence:	22							

Table I-18C. (cont.)
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						

Table I-18C. (cont.)
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:	#####								Mean time to Emergence:	######							

Table I-18C. (cont.)
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:	30.67	34.2	32.67	33.33	27.25	34.67	30	33
Mean % Emergence:	28								Mean time to Emergence:	32							

Table I-18C. (cont.)
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:	29.17	29.4	28.5	26.83	39.5	26.4	28.17	32
Mean % Emergence:	52								Mean time to Emergence:	30							

Table I-19. 2000 Benthic Community Data

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							

Table I-19. (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							

Table I-19. (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									

Table I-19. (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					
				Psectrocladius									
				Tanytarsus									
			Psychodidae										
			Tipulidae										
		Trichoptera	Leptoceridae										
				Oecetis									

Table I-19. (cont.)

Phylum	Class	Order	Family	Genus/Species	Sample No: BI0006A Station: S317 Date: 08/11/00 Replicate: REP1	BI0006B S317 08/11/00 REP2	BI0006C S317 08/11/00 REP3	BI0006D S317 08/11/00 REP4	BI0006E S317 08/11/00 REP5	BI0007A S342 08/10/00 REP1	BI0007B S342 08/10/00 REP2	BI0007C S342 08/10/00 REP3
Coelenterata	Hydrozoa	Hydroida	Hydrodae	Hydra americana								
Platyhelmenthes	Turbellaria	Seriata	Planariidae									
				Duguesia tigrina								
Nematoda							4	4		4	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	100	104	48	44	28	10		
				Nais bretscheri								
				Nais communis								
				Ophidonais serpentina								
				Stylaria lacustris								
				Uncinais uncinata								
				Vejdovskyella intermedia								
			Tubificidae		460	556	748	792	588	312	336	2
				Aulodrilus americanus								
				Aulodrilus limnobius								
				Aulodrilus pigueti	420	480	336	1,058	616			
				Branchiura sowerbyi								
				Ilyodrilus templetoni	20		24			10	8	
				Limnodrilus cervix	8	48	48	220	56	30		
				Limnodrilus cervix variant								
				Limnodrilus claparedeianus								
				Limnodrilus hoffmeisteri		24	72	132	196	140	100	
				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
			Sphaeriidae	Pisidium							7	2
				Pisidium casertanum								
	Gastropoda											
		Basommatophora	Physidae	Physa gyrina								
		Mesogastropoda	Valvatidae	Valvata piscinalis						2		1

Table I-19. (cont.)

Phylum	Class	Order	Family	Genus/Species	Sample No:	BI0006A	BI0006B	BI0006C	BI0006D	BI0006E	BI0007A	BI0007B	BI0007C
					Station:	S317	S317	S317	S317	S317	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
					Replicate:	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3
Arthropoda	Arachnida	Hydrachnida											
		TrombidIformes	Limnesiidae	Limnesia									1
	Crustacea	Amphipoda	Gammaridae	Gammarus								1	
				Gammarus fasciatus									
				Gammarus pseudolimnaeus									
		Isopoda	Asellidae	Caecidotea									
		Podocopa										4	
	Insecta	Coleoptera	Elmidae	Dubiraphia					4				
				Stenelmis									
		Diptera	Chironomidae								2		
				Chironomini-tribe									
				Chironomus							122	154	54
				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									
				Endochironomus									
				Glyptotendipes									
				Harnischia									
				Labrundinia									
				Microtendipes pedellus									
				Nanocladius distinctus									
				Parachironomus									
				Paratanytarsus									
				Polypedilum halterale									
				Procladius									
				Procladius species A							12	14	4
				Procladius-Holotanypus		8							1
				Psectrocladius									
				Tanytarsus					4				
			Psychodidae										
			Tipulidae										
		Trichoptera	Leptoceridae										
				Oecetis									

Table I-19. (cont.)

Phylum	Class	Order	Family	Genus/Species	Sample No:	BI0007D	BI0007E	BI0008B	BI0008E	BI0009A	BI0009B	BI0009C	BI0009D
					Station:	S342	S342	S355	S355	S354	S354	S354	S354
					Date:	08/10/00	08/10/00	08/10/00	08/10/00	08/10/00	08/10/00	08/10/00	08/10/00
					Replicate:	REP4	REP5	REP2	REP5	REP1	REP2	REP3	REP4
Coelenterata	Hydrozoa	Hydroida	Hydrodae	Hydra americana									
Platyhelmenthes	Turbellaria	Seriata	Planariidae										
				Duguesia tigrina									
Nematoda						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			6	2					
				Nais bretscheri									
				Nais communis									
				Ophidonais serpentina									
				Stylaria lacustris									
				Uncinais uncinata									
				Vejdovskyella intermedia									
			Tubificidae			161	87						
				Aulodrilus americanus									
				Aulodrilus limnobius									
				Aulodrilus pigueti									
				Branchiura sowerbyi									
				Ilyodrilus templetoni		4							
				Limnodrilus cervix		12	6						
				Limnodrilus cervix variant									
				Limnodrilus claparedeianus									
				Limnodrilus hoffmeisteri		37	39						
				Limnodrilus profundicola									
				Limnodrilus udekemianus									
				Potamothrix bavaricus									
				Potamothrix moldaviensis									
				Quistadrilus multisetosus									
				Tubifex tubifex									
	Polychaeta	Sabellida	Sabellidae	Manayunkia speciosa									
Mollusca	Bivalvia	Heterodonta	Dreissenidae	Dreissena polymorpha			23						
			Sphaeriidae	Pisidium			4						
				Pisidium casertanum									
	Gastropoda					1							
		Basommatophora	Physidae	Physa gyrina			2						
		Mesogastropoda	Valvatidae	Valvata piscinalis									

Table I-19. (cont.)

					Sample No:	BI0007D	BI0007E	BI0008B	BI0008E	BI0009A	BI0009B	BI0009C	BI0009D
					Station:	S342	S342	S355	S355	S354	S354	S354	S354
					Date:	08/10/00	08/10/00	08/10/00	08/10/00	08/10/00	08/10/00	08/10/00	08/10/00
Phylum	**Class**	**Order**	**Family**	**Genus/Species**	**Replicate:**	REP4	REP5	REP2	REP5	REP1	REP2	REP3	REP4
Arthropoda	Arachnida	Hydrachnida											
		TrombidIformes	Limnesiidae	Limnesia			1						
	Crustacea	Amphipoda	Gammaridae	Gammarus									
				Gammarus fasciatus			1						
				Gammarus pseudolimnaeus									
		Isopoda	Asellidae	Caecidotea									
		Podocopa				1	4		1	1	2	1	
	Insecta	Coleoptera	Elmidae	Dubiraphia									
				Stenelmis									
		Diptera	Chironomidae										
				Chironomini-tribe									
				Chironomus		152	106						
				Chironomus cf. Riparius									
				Chironomus crassicaudaus									
				Chironomus decorus grp						1	2		1
				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		7							
				Procladius-Holotanypus		5					1	1	
				Psectrocladius									
				Tanytarsus									
			Psychodidae										
			Tipulidae										
		Trichoptera	Leptoceridae										
				Oecetis									

Table I-19. (cont.)

Phylum	Class	Order	Family	Genus/Species	Sample No:	BI0010A	BI0010B	BI0010C	BI0010D	BI0010E	BI0011A	BI0011B	BI0011C
					Station:	S372	S372	S372	S372	S372	S320	S320	S320
					Date:	08/11/00	08/11/00	08/11/00	08/11/00	08/11/00	08/13/00	08/13/00	08/13/00
					Replicate:	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3
Coelenterata	Hydrozoa	Hydroida	Hydrodae	Hydra americana									
Platyhelmenthes	Turbellaria	Seriata	Planariidae										
				Duguesia tigrina									
Nematoda						5	124	332	76	3	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		2			12	5			20
				Nais bretscheri				24					
				Nais communis			80	24	4	1			
				Ophidonais serpentina			64						
				Stylaria lacustris		2	80	72	4	4			
				Uncinais uncinata									
				Vejdovskyella intermedia				24					
			Tubificidae			98	352	672	137	41	142	184	132
				Aulodrilus americanus									
				Aulodrilus limnobius									
				Aulodrilus pigueti		4	80	144	28	5	4		8
				Branchiura sowerbyi									
				Ilyodrilus templetoni			16		4			12	4
				Limnodrilus cervix							24	12	4
				Limnodrilus cervix variant									
				Limnodrilus claparedeianus									
				Limnodrilus hoffmeisteri		6	56	112	4	2	40	16	36
				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	3			
			Sphaeriidae	Pisidium									
				Pisidium casertanum									
	Gastropoda												
		Basommatophora	Physidae	Physa gyrina									
		Mesogastropoda	Valvatidae	Valvata piscinalis									

Table I-19. (cont.)

Phylum	Class	Order	Family	Genus/Species	Sample No:	BI0010A	BI0010B	BI0010C	BI0010D	BI0010E	BI0011A	BI0011B	BI0011C
					Station:	S372	S372	S372	S372	S372	S320	S320	S320
					Date:	08/11/00	08/11/00	08/11/00	08/11/00	08/11/00	08/13/00	08/13/00	08/13/00
					Replicate:	REP1	REP2	REP3	REP4	REP5	REP1	REP2	REP3
Arthropoda	Arachnida	Hydrachnida					8			1			
		TrombidIformes	Limnesiidae	Limnesia			8						
	Crustacea	Amphipoda	Gammaridae	Gammarus									
				Gammarus fasciatus			12	24					
				Gammarus pseudolimnaeus									
		Isopoda	Asellidae	Caecidotea									
		Podocopa				9	72	108	9	6			
	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	5	4
				Chironomus plumosus									
				Chironomus species A									
				Cladopelma		1		12		2			
				Cladotanytarsus		18	180	304	12	2			
				Cricotopus sylvestris		1	20	8					
				Cryptochironomus			12	8	1	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		4		1			
				Psectrocladius			28	8	1	1			
				Tanytarsus		2	24	28	1				
			Psychodidae										
			Tipulidae					4					
		Trichoptera	Leptoceridae										
				Oecetis									

Table I-19. (cont.)

Phylum	Class	Order	Family	Genus/Species	Sample No:	BI0011D	BI0011E	BI0012A	BI0012B	BI0012C	BI0012D	BI0012E	BI0013A
					Station:	S320	S320	S365	S365	S365	S365	S365	S323
					Date:	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:	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1
Coelenterata	Hydrozoa	Hydroida	Hydrodae	Hydra americana									
Platyhelmenthes	Turbellaria	Seriata	Planariidae										
				Duguesia tigrina									
Nematoda											6	1	
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		10	28	80	18	56	48	21	400
				Nais bretscheri									
				Nais communis									
				Ophidonais serpentina									
				Stylaria lacustris									
				Uncinais uncinata									
				Vejdovskyella intermedia									
			Tubificidae			80	128	128	210	116	172	103	480
				Aulodrilus americanus									
				Aulodrilus limnobius									
				Aulodrilus pigueti		4							180
				Branchiura sowerbyi									
				Ilyodrilus templetoni		4	12						20
				Limnodrilus cervix		4	8			4	12	4	4
				Limnodrilus cervix variant									
				Limnodrilus claparedeianus					6				
				Limnodrilus hoffmeisteri		16	28	24	54	4	50	20	8
				Limnodrilus profundicola									
				Limnodrilus udekemianus									4
				Potamothrix bavaricus				4					
				Potamothrix moldaviensis				2	72	16	84	37	
				Quistadrilus multisetosus									
				Tubifex tubifex			4			4			
	Polychaeta	Sabellida	Sabellidae	Manayunkia speciosa									
Mollusca	Bivalvia	Heterodonta	Dreissenidae	Dreissena polymorpha				197	8	580	87	5	
			Sphaeriidae	Pisidium									
				Pisidium casertanum									
	Gastropoda												
		Basommatophora	Physidae	Physa gyrina									
		Mesogastropoda	Valvatidae	Valvata piscinalis									

Table I-19. (cont.)

Phylum	Class	Order	Family	Genus/Species	Sample No:	BI0011D	BI0011E	BI0012A	BI0012B	BI0012C	BI0012D	BI0012E	BI0013A
					Station:	S320	S320	S365	S365	S365	S365	S365	S323
					Date:	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:	REP4	REP5	REP1	REP2	REP3	REP4	REP5	REP1
Arthropoda	Arachnida	Hydrachnida											
		TrombidIformes	Limnesiidae	Limnesia									
	Crustacea	Amphipoda	Gammaridae	Gammarus									
				Gammarus fasciatus									
				Gammarus pseudolimnaeus				2	2	4	4		
		Isopoda	Asellidae	Caecidotea				14	10	12	6		
		Podocopa											
	Insecta	Coleoptera	Elmidae	Dubiraphia									
				Stenelmis									
		Diptera	Chironomidae					2	4		10	5	
				Chironomini-tribe									
				Chironomus				40	58	24	54	54	
				Chironomus cf. Riparius							8		
				Chironomus crassicaudaus									
				Chironomus decorus grp		4	4	36	72	16	98	37	4
				Chironomus plumosus									
				Chironomus species A									
				Cladopelma					2		4		
				Cladotanytarsus									
				Cricotopus sylvestris									
				Cryptochironomus									
				Dicrotendipes								1	
				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	1	1
				Procladius-Holotanypus		2	1		2				
				Psectrocladius									
				Tanytarsus									
			Psychodidae										
			Tipulidae										
		Trichoptera	Leptoceridae										
				Oecetis									

Table I-19. (cont.)

Phylum	Class	Order	Family	Genus/Species	Sample No: BI0013B Station: S323 Date: 08/13/00 Replicate: REP2	BI0013C S323 08/13/00 REP3	BI0013D S323 08/13/00 REP4	BI0013E S323 08/13/00 REP5	BI0014A S305 08/12/00 REP1	BI0014B S305 08/12/00 REP2	BI0014C S305 08/12/00 REP3	BI0014D S305 08/12/00 REP4
Coelenterata	Hydrozoa	Hydroida	Hydrodae	Hydra americana								
Platyhelmenthes	Turbellaria	Seriata	Planariidae									
				Duguesia tigrina								
Nematoda						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	112	48	132	72	88	28	36	84
				Nais bretscheri								
				Nais communis								
				Ophidonais serpentina								
				Stylaria lacustris								
				Uncinais uncinata								
				Vejdovskyella intermedia								
			Tubificidae		624	360	396	288	1,540	1,012	1,152	788
				Aulodrilus americanus								
				Aulodrilus limnobius								
				Aulodrilus pigueti	112	84	36	40	264	112	396	252
				Branchiura sowerbyi								
				Ilyodrilus templetoni		24		8				84
				Limnodrilus cervix		48	12	12	44	140	72	56
				Limnodrilus cervix variant								
				Limnodrilus claparedeianus								
				Limnodrilus hoffmeisteri	116	72	60	40	44	144	144	64
				Limnodrilus profundicola					44			
				Limnodrilus udekemianus				8				4
				Potamothrix bavaricus						60	36	84
				Potamothrix moldaviensis					88	56	72	32
				Quistadrilus multisetosus								
				Tubifex tubifex								
	Polychaeta	Sabellida	Sabellidae	Manayunkia speciosa								
Mollusca	Bivalvia	Heterodonta	Dreissenidae	Dreissena polymorpha		1		1	4			4
			Sphaeriidae	Pisidium								
				Pisidium casertanum								
	Gastropoda											
		Basommatophora	Physidae	Physa gyrina								
		Mesogastropoda	Valvatidae	Valvata piscinalis								

Table I-19. (cont.)

Phylum	Class	Order	Family	Genus/Species	Sample No:	BI0013B	BI0013C	BI0013D	BI0013E	BI0014A	BI0014B	BI0014C	BI0014D
					Station:	S323	S323	S323	S323	S305	S305	S305	S305
					Date:	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:	REP2	REP3	REP4	REP5	REP1	REP2	REP3	REP4
Arthropoda	Arachnida	Hydrachnida											
		TrombidIformes	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				1	1		4		8	
				Chironomini-tribe									
				Chironomus						20	20	32	16
				Chironomus cf. Riparius						40			52
				Chironomus crassicaudaus									
				Chironomus decorus grp		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									
				Dicrotendipes modestus		4							
				Endochironomus									
				Glyptotendipes									
				Harnischia									
				Labrundinia									
				Microtendipes pedellus									
				Nanocladius distinctus									
				Parachironomus									
				Paratanytarsus									
				Polypedilum halterale						4			
				Procladius									
				Procladius species A			3	4			8		
				Procladius-Holotanypus		16							
				Psectrocladius									
				Tanytarsus									
			Psychodidae										
			Tipulidae										
		Trichoptera	Leptoceridae										
				Oecetis									

Table I-19. (cont.)

Phylum	Class	Order	Family	Genus/Species	Sample No:	BI0014E	BI0015A	BI0015B	BI0015C	BI0015D	BI0015E	BI0016A	BI0016B
					Station:	S305	S302	S302	S302	S302	S302	S303	S303
					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
					Replicate:	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2
Coelenterata	Hydrozoa	Hydroida	Hydrodae	Hydra americana									
Platyhelmenthes	Turbellaria	Seriata	Planariidae										
				Duguesia tigrina									
Nematoda						12		1	1		1		
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		
				Nais bretscheri									
				Nais communis									
				Ophidonais serpentina									
				Stylaria lacustris									
				Uncinais uncinata									
				Vejdovskyella intermedia									
			Tubificidae			612	104	52	39	116	64		
				Aulodrilus americanus									
				Aulodrilus limnobius									
				Aulodrilus pigueti		208	44	26	11	52	14		
				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		
				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				
			Sphaeriidae	Pisidium									
				Pisidium casertanum									
	Gastropoda												
		Basommatophora	Physidae	Physa gyrina									
		Mesogastropoda	Valvatidae	Valvata piscinalis									

Table I-19. (cont.)

Phylum	Class	Order	Family	Genus/Species	Sample No:	BI0014E	BI0015A	BI0015B	BI0015C	BI0015D	BI0015E	BI0016A	BI0016B
					Station:	S305	S302	S302	S302	S302	S302	S303	S303
					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
					Replicate:	REP5	REP1	REP2	REP3	REP4	REP5	REP1	REP2
Arthropoda	Arachnida	Hydrachnida											
		TrombidIformes	Limnesiidae	Limnesia									
	Crustacea	Amphipoda	Gammaridae	Gammarus									
				Gammarus fasciatus		4							
				Gammarus pseudolimnaeus							1		
		Isopoda	Asellidae	Caecidotea									
		Podocopa				8	1	3	1	1	2		
	Insecta	Coleoptera	Elmidae	Dubiraphia									
				Stenelmis				1					
		Diptera	Chironomidae										
				Chironomini-tribe									
				Chironomus		20			5				
				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									
				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									

Table I-19. (cont.)

Phylum	Class	Order	Family	Genus/Species	Sample No:	BI0016C	BI0017A	BI0017B	BI0017C	BI0017D	BI0017E	BI0018A	BI0018B
					Station:	S303	OT-7	OT-7	OT-7	OT-7	OT-7	OT-6	OT-6
					Date:	08/12/00	08/14/00	08/14/00	08/14/00	08/14/00	08/14/00	08/09/00	08/09/00
					Replicate:	REP3	REP1	REP2	REP3	REP4	REP5	REP1	REP2
Coelenterata	Hydrozoa	Hydroida	Hydrodae	Hydra americana									
Platyhelmenthes	Turbellaria	Seriata	Planariidae									4	
				Duguesia tigrina				2	1				2
Nematoda							2					20	
Annelida	Hirudinea	Pharyngobdellida	Erpobdellidae	Mooreobdella bucera									
		Rhynchobdellida	Glossiphoniidae	Helobdella elogata								4	6
				Helobdella stagnalis									
			Piscicolidae	Myzobdella lugubris									
	Oligochaeta												
		Lumbriculida	Lumbriculidae	Stylodrilus heringianus									
		Tubificida	Naididae	Dero digitata		1	1					12	6
				Nais bretscheri									
				Nais communis									
				Ophidonais serpentina									
				Stylaria lacustris									
				Uncinais uncinata								8	
				Vejdovskyella intermedia									
			Tubificidae				28	32	23	13	11	192	96
				Aulodrilus americanus			4	8	2	2			
				Aulodrilus limnobius			1	6	1	2	1	24	16
				Aulodrilus pigueti			1					12	6
				Branchiura sowerbyi				2	5	3			
				Ilyodrilus templetoni					1	1	1		2
				Limnodrilus cervix									
				Limnodrilus cervix variant									
				Limnodrilus claparedeianus									
				Limnodrilus hoffmeisteri			1	6	7		3	8	12
				Limnodrilus profundicola									
				Limnodrilus udekemianus									
				Potamothrix bavaricus									2
				Potamothrix moldaviensis					1	1		4	2
				Quistadrilus multisetosus									
				Tubifex tubifex									
	Polychaeta	Sabellida	Sabellidae	Manayunkia speciosa									
Mollusca	Bivalvia	Heterodonta	Dreissenidae	Dreissena polymorpha			4	240	12	2		784	46
			Sphaeriidae	Pisidium			20	52	50	25	5	24	16
				Pisidium casertanum									
	Gastropoda												
		Basommatophora	Physidae	Physa gyrina									
		Mesogastropoda	Valvatidae	Valvata piscinalis									

Table I-19. (cont.)

Phylum	Class	Order	Family	Genus/Species	Sample No:	BI0016C	BI0017A	BI0017B	BI0017C	BI0017D	BI0017E	BI0018A	BI0018B
					Station:	S303	OT-7	OT-7	OT-7	OT-7	OT-7	OT-6	OT-6
					Date:	08/12/00	08/14/00	08/14/00	08/14/00	08/14/00	08/14/00	08/09/00	08/09/00
					Replicate:	REP3	REP1	REP2	REP3	REP4	REP5	REP1	REP2
Arthropoda	Arachnida	Hydrachnida											
		TrombidIformes	Limnesiidae	Limnesia				2					
	Crustacea	Amphipoda	Gammaridae	Gammarus							1	24	14
				Gammarus fasciatus			25	112	69	4		116	66
				Gammarus pseudolimnaeus									
		Isopoda	Asellidae	Caecidotea					1			8	2
		Podocopa					8	20		2		288	182
	Insecta	Coleoptera	Elmidae	Dubiraphia									
				Stenelmis									
		Diptera	Chironomidae										
				Chironomini-tribe									
				Chironomus			1		1				
				Chironomus cf. Riparius									
				Chironomus crassicaudaus									
				Chironomus decorus grp									
				Chironomus plumosus									
				Chironomus species A									
				Cladopelma									
				Cladotanytarsus									
				Cricotopus sylvestris								4	
				Cryptochironomus			1			1		4	4
				Dicrotendipes									
				Dicrotendipes modestus									
				Endochironomus									
				Glyptotendipes							1		
				Harnischia				2				4	
				Labrundinia									
				Microtendipes pedellus									
				Nanocladius distinctus									
				Parachironomus									
				Paratanytarsus									
				Polypedilum halterale									
				Procladius									
				Procladius species A				6	1	1			
				Procladius-Holotanypus				4				4	
				Psectrocladius									
				Tanytarsus				8				84	32
			Psychodidae										
			Tipulidae										
		Trichoptera	Leptoceridae										
				Oecetis			2	2	2				

Table I-19. (cont.)

Phylum	Class	Order	Family	Genus/Species	Sample No:	BI0018C	BI0018D	Bi0018E	BI0019A	BI0019B	BI0019C	BI0019D	BI0019E
					Station:	OT-6	OT-6	OT-6	S344	S344	S344	S344	S344
					Date:	08/09/00	08/09/00	08/09/00	08/10/00	08/10/00	08/10/00	08/10/00	08/10/00
					Replicate:	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5
Coelenterata	Hydrozoa	Hydroida	Hydrodae	Hydra americana				8					
Platyhelmenthes	Turbellaria	Seriata	Planariidae			12	2	64					
				Duguesia tigrina									
Nematoda						12		4					
Annelida	Hirudinea	Pharyngobdellida	Erpobdellidae	Mooreobdella bucera							1		
		Rhynchobdellida	Glossiphoniidae	Helobdella elogata			5						
				Helobdella stagnalis				8					
			Piscicolidae	Myzobdella lugubris		4							
	Oligochaeta												
		Lumbriculida	Lumbriculidae	Stylodrilus heringianus									
		Tubificida	Naididae	Dero digitata			1	16					
				Nais bretscheri									
				Nais communis									
				Ophidonais serpentina									
				Stylaria lacustris									
				Uncinais uncinata				16					
				Vejdovskyella intermedia									
			Tubificidae			312	33	320	232	14	156	228	256
				Aulodrilus americanus									
				Aulodrilus limnobius		16	2	32					
				Aulodrilus pigueti				16					
				Branchiura sowerbyi		12	3						
				Ilyodrilus templetoni									
				Limnodrilus cervix					56	3	4	36	32
				Limnodrilus cervix variant									
				Limnodrilus claparedeianus									
				Limnodrilus hoffmeisteri		40	2	16	96	2	88	38	152
				Limnodrilus profundicola									
				Limnodrilus udekemianus									
				Potamothrix bavaricus		8	2						
				Potamothrix moldaviensis		16	2	16					
				Quistadrilus multisetosus									
				Tubifex tubifex									
	Polychaeta	Sabellida	Sabellidae	Manayunkia speciosa									
Mollusca	Bivalvia	Heterodonta	Dreissenidae	Dreissena polymorpha		76	15	1,770					
			Sphaeriidae	Pisidium		20		8			1	5	
				Pisidium casertanum							1		4
	Gastropoda												
		Basommatophora	Physidae	Physa gyrina									
		Mesogastropoda	Valvatidae	Valvata piscinalis									

Table I-19. (cont.)

Phylum	Class	Order	Family	Genus/Species	Sample No:	BI0018C	BI0018D	Bi0018E	BI0019A	BI0019B	BI0019C	BI0019D	BI0019E
					Station:	OT-6	OT-6	OT-6	S344	S344	S344	S344	S344
					Date:	08/09/00	08/09/00	08/09/00	08/10/00	08/10/00	08/10/00	08/10/00	08/10/00
					Replicate:	REP3	REP4	REP5	REP1	REP2	REP3	REP4	REP5
Arthropoda	Arachnida	Hydrachnida											
		TrombidIformes	Limnesiidae	Limnesia									
	Crustacea	Amphipoda	Gammaridae	Gammarus		12	42	12					
				Gammarus fasciatus		68	148	56		1			
				Gammarus pseudolimnaeus									
		Isopoda	Asellidae	Caecidotea		4		4					
		Podocopa				316		60	1		3		
	Insecta	Coleoptera	Elmidae	Dubiraphia									
				Stenelmis									
		Diptera	Chironomidae										
				Chironomini-tribe							1		
				Chironomus					3		6	2	8
				Chironomus cf. Riparius					7		9		4
				Chironomus crassicaudaus									
				Chironomus decorus grp					15	9	4	18	36
				Chironomus plumosus									
				Chironomus species A								9	
				Cladopelma		4							
				Cladotanytarsus									
				Cricotopus sylvestris								1	
				Cryptochironomus		12	2	4					
				Dicrotendipes									
				Dicrotendipes modestus									
				Endochironomus									
				Glyptotendipes									
				Harnischia									
				Labrundinia									
				Microtendipes pedellus		4							
				Nanocladius distinctus									
				Parachironomus									
				Paratanytarsus									
				Polypedilum halterale									
				Procladius									
				Procladius species A			1				1		10
				Procladius-Holotanypus		4	1						
				Psectrocladius									
				Tanytarsus		104	1	24					
			Psychodidae							1			
			Tipulidae										
		Trichoptera	Leptoceridae			4							
				Oecetis			1						

Table I-20 Onondaga County Water Quality Data (1997-2001)

Date	Year	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (^{o}C)	pH VALUE
			MARINA BASIN		
7-May-01	2001	Surface	13		
4-May-01	2001	Surface	18		
			CENTER		
3-May-01	2001		23		
7-May-01	2001	Surface	15		
4-May-01	2001	Surface	21		
			NORTH BASIN		
10-Apr-97	1997	0	14	5.0	8.0
30-Jun-97	1997	0	11	26	8.0
23-Sep-97	1997	0	5.3	18	7.8
10-Oct-97	1997	0	15	18	8.2
10-Oct-97	1997	0	15		
17-Oct-97	1997	0	8.1	15	7.6
24-Oct-97	1997	0	3.6	13	7.5
24-Oct-97	1997	0	3.8		
29-Oct-97	1997	0	5.4	11	7.5
29-Oct-97	1997	0	5.4		
31-Oct-97	1997	0	5.8	11	7.5
7-Nov-97	1997	0	6.8	11	7.6
7-Nov-97	1997	0	7.4		
19-Nov-97	1997	0	8.6	7.2	7.7
10-Apr-97	1997	3	14	5.0	8.0
30-Jun-97	1997	3	11	24	8.0
30-Jun-97	1997	3	11		
23-Sep-97	1997	3	5.2	19	7.7
23-Sep-97	1997	3	5.8		
10-Oct-97	1997	3	11	17	8.1
10-Oct-97	1997	3	12		
17-Oct-97	1997	3	6.7	15	7.6
24-Oct-97	1997	3	3.5	13	7.5
24-Oct-97	1997	3	3.6		
29-Oct-97	1997	3	5.3	11	7.5
29-Oct-97	1997	3	5.4		
31-Oct-97	1997	3	5.5	11	7.5
7-Nov-97	1997	3	6.7	10	7.6
19-Nov-97	1997	3	8.2	7.2	7.7
19-Nov-97	1997	3	8.5		
10-Apr-97	1997	6	14	5.0	8.1
30-Jun-97	1997	6	6.1	21	7.8
23-Sep-97	1997	6	5.1	19	7.7
10-Oct-97	1997	6	1.2	15	7.5
17-Oct-97	1997	6	5.8	15	7.5
24-Oct-97	1997	6	3.4	13	7.5
24-Oct-97	1997	6	3.4		
29-Oct-97	1997	6	5.2	11	7.5
29-Oct-97	1997	6	5.3		
31-Oct-97	1997	6	5.3	11	7.5
31-Oct-97	1997	6	5.4		
7-Nov-97	1997	6	6.6	10	7.6
7-Nov-97	1997	6	6.7		
19-Nov-97	1997	6	8.4	7.1	7.7
10-Apr-97	1997	9	14	4.9	8.1
30-Jun-97	1997	9	4.6	14	7.5
30-Jun-97	1997	9	5.2		
23-Sep-97	1997	9	0.5	17	7.5
10-Oct-97	1997	9	0.2	15	7.4
17-Oct-97	1997	9	1.2	15	7.4
24-Oct-97	1997	9	3.4	13	7.5
24-Oct-97	1997	9	3.4		
29-Oct-97	1997	9	5.0	11	7.5
29-Oct-97	1997	9	5.3		

Table I-20. (cont.)

Date	Year	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (^{o}C)	pH VALUE
31-Oct-97	1997	9	5.2	11	7.5
7-Nov-97	1997	9	6.6	10	7.6
19-Nov-97	1997	9	8.4	7.1	7.7
19-Nov-97	1997	9	8.4		
10-Apr-97	1997	12	14	4.9	8.1
10-Apr-97	1997	12	14		
30-Jun-97	1997	12	2.7	11	7.4
23-Sep-97	1997	12	0.5	14	7.5
10-Oct-97	1997	12	0.1	15	7.4
17-Oct-97	1997	12	0.5	15	7.3
24-Oct-97	1997	12	3.2	13	7.5
24-Oct-97	1997	12	3.3		
29-Oct-97	1997	12	5.2	11	7.5
29-Oct-97	1997	12	5.2		
31-Oct-97	1997	12	5.2	11	7.5
31-Oct-97	1997	12	5.4		
7-Nov-97	1997	12	6.6	10	7.6
19-Nov-97	1997	12	8.4	7.1	7.7
10-Apr-97	1997	15	14	4.9	8.1
30-Jun-97	1997	15	0.5	11	7.3
16-Jul-97	1997	15	0.5		
23-Sep-97	1997	15	0.5	12	7.4
10-Oct-97	1997	15	9.0E-02	12	7.3
17-Oct-97	1997	15	0.5	14	7.4
24-Oct-97	1997	15	0.2	13	7.4
24-Oct-97	1997	15	0.5		
29-Oct-97	1997	15	4.8	11	7.5
29-Oct-97	1997	15	5.1		
31-Oct-97	1997	15	5.0	11	7.5
31-Oct-97	1997	15	5.2		
7-Nov-97	1997	15	6.6	10	7.6
7-Nov-97	1997	15	6.6		
19-Nov-97	1997	15	8.4	7.1	7.7
19-Nov-97	1997	15	8.6		
10-Apr-97	1997	18	14	4.8	8.1
30-Jun-97	1997	18	0.5	11	7.3
16-Jul-97	1997	18	0.5		
23-Sep-97	1997	18	0.5	11	7.3
10-Oct-97	1997	18	9.0E-02	12	7.3
17-Oct-97	1997	18	0.5	12	7.3
24-Oct-97	1997	18	0.5	12	7.3
24-Oct-97	1997	18	0.1		
29-Oct-97	1997	18	5.3	11	7.5
29-Oct-97	1997	18	5.4		
31-Oct-97	1997	18	5.1	10	7.5
7-Nov-97	1997	18	6.8	10	7.6
19-Nov-97	1997	18	8.7	6.0	7.6
7-Apr-98	1998	0	15	7.3	8.1
1-Jul-98	1998	0	10	23	8.0
22-Sep-98	1998	0	13	21	8.4
23-Oct-98	1998	0	3.6	14	7.5
26-Oct-98	1998	0	5.0	14	7.6
17-Nov-98	1998	0	8.8	9.3	8.0
7-Apr-98	1998	3	14	6.5	8.2
1-Jul-98	1998	3	10	23	7.9
1-Jul-98	1998	3	11		
22-Sep-98	1998	3	12	21	8.3
23-Oct-98	1998	3	3.4	14	7.5
26-Oct-98	1998	3	4.8	14	7.5
17-Nov-98	1998	3	8.4	9.3	8.0
7-Apr-98	1998	6	13	6.3	8.1
1-Jul-98	1998	6	0	17	7.6

Table I-20. (cont.)

Date	Year	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (^{o}C)	pH VALUE
22-Sep-98	1998	6	5.8	20	7.8
23-Oct-98	1998	6	3.2	14	7.5
26-Oct-98	1998	6	4.6	14	7.5
17-Nov-98	1998	6	8.3	9.3	8.0
7-Apr-98	1998	9	13	6.2	8.1
1-Jul-98	1998	9	2.3	16	7.5
22-Sep-98	1998	9	0.5	19	7.5
23-Oct-98	1998	9	3.2	14	7.5
26-Oct-98	1998	9	4.6	14	7.5
17-Nov-98	1998	9	8.3	9.3	8.0
7-Apr-98	1998	12	13	6.1	8.1
1-Jul-98	1998	12	0.8	15	7.4
1-Jul-98	1998	12	0.5		
22-Sep-98	1998	12	0.5	14	7.4
23-Oct-98	1998	12	3.1	14	7.5
26-Oct-98	1998	12	4.5	14	7.5
17-Nov-98	1998	12	8.2	9.3	8.0
7-Apr-98	1998	15	13	6.0	8.1
1-Jul-98	1998	15	0.5	13	7.4
22-Sep-98	1998	15	0.5	13	7.3
23-Oct-98	1998	15	4.2	14	7.6
26-Oct-98	1998	15	4.1	13	7.5
17-Nov-98	1998	15	8.3	9.3	8.0
7-Apr-98	1998	18	11	7.2	8.0
1-Jul-98	1998	18	0.5	12	7.4
22-Sep-98	1998	18	0.5	12	7.3
23-Oct-98	1998	18	0.5	14	7.4
26-Oct-98	1998	18	3.5	13	7.4
17-Nov-98	1998	18	7.4	9.0	7.9
6-Apr-99	1999	0	14	6.0	7.8
13-Jul-99	1999	0	10.0	23	8.1
21-Sep-99	1999	0	8.8	20	7.9
30-Nov-99	1999	0	10.0	7.8	7.8
6-Apr-99	1999	3	14	5.9	8.2
13-Jul-99	1999	3	8.8	23	8.1
21-Sep-99	1999	3	9.2	20	8.1
30-Nov-99	1999	3	9.4	7.8	7.8
6-Apr-99	1999	6	14	5.9	8.2
13-Jul-99	1999	6	8.7	23	8.1
21-Sep-99	1999	6	8.7	20	7.9
30-Nov-99	1999	6	9.3	7.8	7.8
6-Apr-99	1999	9	14	5.9	8.2
13-Jul-99	1999	9	0.5	15	7.3
21-Sep-99	1999	9	8.5	20	7.8
30-Nov-99	1999	9	9.3	7.8	7.8
6-Apr-99	1999	12	14	5.9	8.2
13-Jul-99	1999	12	0.5	11	7.3
21-Sep-99	1999	12	0.5	15	7.8
30-Nov-99	1999	12	9.3	7.7	7.8
6-Apr-99	1999	15	11	4.0	8.0
13-Jul-99	1999	15	0.5	9.7	7.3
21-Sep-99	1999	15	0.5	12	7.3
30-Nov-99	1999	15	9.3	7.7	7.8
6-Apr-99	1999	18	10	3.6	7.9
13-Jul-99	1999	18	0.5	9.0	7.3
21-Sep-99	1999	18	0.5	11	7.7
30-Nov-99	1999	18	9.3	7.7	7.8
11-Apr-00	2000	0	11	5.6	7.8
27-Jun-00	2000	0	8.1	22	8.0
19-Sep-00	2000	0	9.6	20	8.0
14-Nov-00	2000	0	5.0	10	7.5
11-Apr-00	2000	3	11	5.6	7.8

Table I-20. (cont.)

Date	Year	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (^{o}C)	pH VALUE
27-Jun-00	2000	3	7.8	22	8.0
19-Sep-00	2000	3	8.3	20	7.9
14-Nov-00	2000	3	4.6	10	7.6
11-Apr-00	2000	6	11	5.5	7.8
27-Jun-00	2000	6	5.0	18	7.7
19-Sep-00	2000	6	6.5	19	7.7
14-Nov-00	2000	6	4.6	10	7.6
7-Mar-00	2000	9	12	2.4	8.0
21-Mar-00	2000	9	12	3.6	8.0
11-Apr-00	2000	9	11	5.5	7.8
27-Jun-00	2000	9	0.8	14	7.4
19-Sep-00	2000	9	5.0	19	7.6
14-Nov-00	2000	9	4.6	10	7.6
11-Apr-00	2000	12	11	5.5	7.8
27-Jun-00	2000	12	0	12	7.3
19-Sep-00	2000	12	0	13	7.3
14-Nov-00	2000	12	4.6	10	7.6
11-Apr-00	2000	15	11	5.6	7.8
27-Jun-00	2000	15	0	9.6	7.3
19-Sep-00	2000	15	0	11	7.2
14-Nov-00	2000	15	4.7	10	7.6
11-Apr-00	2000	18	11	5.6	7.8
27-Jun-00	2000	18	0	9.4	7.3
19-Sep-00	2000	18	0	10	7.2
14-Nov-00	2000	18	3.3	9.9	7.5
18-Apr-01	2001	0	11	5.9	7.9
7-May-01	2001	0	15	17	8.4
4-May-01	2001	0	20	16	8.2
26-Jun-01	2001	0	12	24	8.1
18-Apr-01	2001	3	11	5.9	7.9
26-Jun-01	2001	3	11	21	8.2
18-Apr-01	2001	6	11	5.8	7.9
26-Jun-01	2001	6	6.0	18	7.7
18-Apr-01	2001	9	11	5.5	7.9
26-Jun-01	2001	9	2.9	13	7.5
18-Apr-01	2001	12	10.0	5.0	7.8
26-Jun-01	2001	12	1.5	11	7.5
18-Apr-01	2001	15	6.8	3.7	7.6
26-Jun-01	2001	15	8.0E-02	9.2	7.5
18-Apr-01	2001	18	3.6	3.1	7.5
26-Jun-01	2001	18	0	9.0	7.5
	SOUTH BASIN				
24-Oct-97	1997	0	5.8	2.2	7.6
29-Oct-97	1997	0	5.8	4.9	
10-Sep-97	1997	0	5.9	7.3	8.1
29-Oct-97	1997	0	5.9	9.3	7.5
31-Oct-97	1997	0	6.0	11	7.9
31-Oct-97	1997	0	6.2	16	7.8
24-Oct-97	1997	0	6.2	22	7.8
23-Oct-97	1997	0	6.4	25	8.0
23-Oct-97	1997	0	6.5	26	7.8
23-Sep-97	1997	0	6.5	23	7.9
7-Nov-97	1997	0	6.7	23	7.7
5-Nov-97	1997	0	6.8	22	8.1
21-Oct-97	1997	0	7.1	20	7.7
10-Oct-97	1997	0	7.3	18	7.8
15-Oct-97	1997	0	7.4	17	7.8
15-Oct-97	1997	0	7.4	17	7.5
14-Aug-97	1997	0	7.7	16	7.5
13-Nov-97	1997	0	7.8	16	8.0
14-Aug-97	1997	0	8.0	14	7.5
19-Nov-97	1997	0	8.6	13	7.5

Table I-20. (cont.)

Date	Year	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (^{o}C)	pH VALUE
21-May-97	1997	0	8.8	13	7.5
18-Jun-97	1997	0	9.1	11	7.5
18-Jun-97	1997	0	9.2	11	7.5
4-Jun-97	1997	0	9.4	11	7.5
30-Jul-97	1997	0	9.7	10	7.5
8-Oct-97	1997	0	9.7	9.2	7.7
30-Jun-97	1997	0	10	7.1	7.6
3-Dec-97	1997	0	10	4.8	7.7
8-Oct-97	1997	0	10	2.2	7.8
8-May-97	1997	0	10	4.9	
16-Jul-97	1997	0	11	7.1	7.1
27-Aug-97	1997	0	12	9.2	7.8
17-Oct-97	1997	0	12	11	7.9
17-Oct-97	1997	0	13	16	7.9
23-Apr-97	1997	0	13	21	7.9
27-Mar-97	1997	0	14	24	8.0
10-Apr-97	1997	0	14	26	7.9
16-Jul-97	1997	0		23	7.9
10-Oct-97	1997	12	0.1	23	7.7
15-Oct-97	1997	12	0.6	21	7.9
14-Aug-97	1997	12	0.8	20	7.7
17-Oct-97	1997	12	1.2	19	7.7
30-Jun-97	1997	12	3.0	16	7.5
18-Jun-97	1997	12	5.1	16	7.7
29-Oct-97	1997	12	5.6	16	7.6
31-Oct-97	1997	12	5.9	15	7.7
24-Oct-97	1997	12	5.9	14	7.6
23-Oct-97	1997	12	6.0	13	7.5
24-Oct-97	1997	12	6.0	13	7.5
29-Oct-97	1997	12	6.0	11	7.5
5-Nov-97	1997	12	6.4	11	7.5
7-Nov-97	1997	12	6.5	11	7.5
21-Oct-97	1997	12	7.3	10	7.5
4-Jun-97	1997	12	7.3	9.1	7.7
13-Nov-97	1997	12	7.4	7.1	7.6
13-Nov-97	1997	12	7.5	4.7	7.7
19-Nov-97	1997	12	8.5	2.2	7.9
21-May-97	1997	12	8.6	4.9	
21-May-97	1997	12	8.8	7.1	8.1
3-Dec-97	1997	12	10	9.2	7.8
3-Dec-97	1997	12	10	11	7.9
8-May-97	1997	12	10	14	7.8
23-Apr-97	1997	12	12	16	7.7
23-Apr-97	1997	12	12	20	7.6
27-Mar-97	1997	12	14	22	7.8
10-Apr-97	1997	12	14	23	7.8
16-Jul-97	1997	12	0.5	23	7.7
30-Jul-97	1997	12	0.5	21	7.7
14-Aug-97	1997	12	0.5	20	7.6
27-Aug-97	1997	12	0.5	18	7.7
10-Sep-97	1997	12	0.5	16	7.4
23-Sep-97	1997	12	0.5	16	7.6
8-Oct-97	1997	12	0.5	15	7.5
15-Oct-97	1997	12	0.5	15	7.7
17-Oct-97	1997	12	0.5	14	7.6
10-Sep-97	1997	12	0.5	13	7.5
10-Oct-97	1997	15	0.1	13	7.5
14-Aug-97	1997	15	0.2	11	7.5
18-Jun-97	1997	15	2.6	11	7.5
29-Oct-97	1997	15	5.6	11	7.5
24-Oct-97	1997	15	5.6	10	7.5
24-Oct-97	1997	15	5.7	9.1	7.7

Table I-20. (cont.)

Date	Year	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (^{o}C)	pH VALUE
31-Oct-97	1997	15	5.8	7.1	7.6
29-Oct-97	1997	15	5.8	4.7	7.7
23-Oct-97	1997	15	5.9	2.1	8.0
7-Nov-97	1997	15	6.3	4.9	
5-Nov-97	1997	15	6.3	6.2	8.1
5-Nov-97	1997	15	6.4	9.2	7.9
7-Nov-97	1997	15	6.6	11	7.9
4-Jun-97	1997	15	6.6	12	7.8
13-Nov-97	1997	15	7.4	13	7.6
19-Nov-97	1997	15	8.4	13	7.5
21-May-97	1997	15	8.6	15	7.4
19-Nov-97	1997	15	8.8	16	7.3
3-Dec-97	1997	15	10.0	15	7.3
8-May-97	1997	15	10	17	7.4
23-Apr-97	1997	15	12	19	7.3
27-Mar-97	1997	15	13	18	7.7
10-Apr-97	1997	15	14	15	7.2
10-Apr-97	1997	15	14	15	7.5
30-Jun-97	1997	15	0.5	15	7.5
30-Jul-97	1997	15	0.5	15	7.7
14-Aug-97	1997	15	0.5	14	7.6
27-Aug-97	1997	15	0.5	13	7.5
10-Sep-97	1997	15	0.5	13	7.5
23-Sep-97	1997	15	0.5	11	7.5
8-Oct-97	1997	15	0.5	11	7.5
15-Oct-97	1997	15	0.5	11	7.5
17-Oct-97	1997	15	0.5	10	7.5
21-Oct-97	1997	15	0.5	9.0	7.7
15-Oct-97	1997	15	0.1	7.0	7.6
17-Oct-97	1997	15	0.1	4.7	7.7
10-Oct-97	1997	18	8.0E-02	2.1	8.1
18-Jun-97	1997	18	1.8	4.9	
18-Jun-97	1997	18	2.4	6.0	8.1
24-Oct-97	1997	18	4.1	9.2	7.9
4-Jun-97	1997	18	4.5	11	7.9
29-Oct-97	1997	18	5.5	11	7.7
24-Oct-97	1997	18	5.6	12	7.5
29-Oct-97	1997	18	5.6	11	7.4
31-Oct-97	1997	18	5.7	12	7.4
7-Nov-97	1997	18	5.8	12	7.3
5-Nov-97	1997	18	6.3	13	7.2
13-Nov-97	1997	18	7.4	12	7.4
19-Nov-97	1997	18	8.4	13	7.3
21-May-97	1997	18	8.6	14	7.4
3-Dec-97	1997	18	10.0	15	7.2
8-May-97	1997	18	10	15	7.4
23-Apr-97	1997	18	12	14	7.3
27-Mar-97	1997	18	13	14	7.3
10-Apr-97	1997	18	14	14	7.6
30-Jun-97	1997	18	0.5	13	7.5
30-Jul-97	1997	18	0.5	13	7.5
14-Aug-97	1997	18	0.5	11	7.5
27-Aug-97	1997	18	0.5	11	7.5
10-Sep-97	1997	18	0.5	11	7.5
23-Sep-97	1997	18	0.5	10	7.5
8-Oct-97	1997	18	0.5	9.0	7.7
15-Oct-97	1997	18	0.5	7.0	7.6
17-Oct-97	1997	18	0.5	4.7	7.8
21-Oct-97	1997	18	0.5	2.1	8.0
23-Oct-97	1997	18	0.5	4.8	
14-Aug-97	1997	18	5.0E-03	5.9	8.1
15-Oct-97	1997	18	0.1	9.2	7.9

Table I-20. (cont.)

Date	Year	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (^{o}C)	pH VALUE
17-Oct-97	1997	18	0.1	11	7.9
8-Oct-97	1997	3	5.7	11	7.7
29-Oct-97	1997	3	5.8	11	7.4
29-Oct-97	1997	3	5.8	11	7.3
31-Oct-97	1997	3	5.8	11	7.4
24-Oct-97	1997	3	6.0	11	7.3
31-Oct-97	1997	3	6.0	12	7.2
24-Oct-97	1997	3	6.1	11	7.4
23-Sep-97	1997	3	6.1	12	7.3
23-Oct-97	1997	3	6.4	12	7.3
23-Oct-97	1997	3	6.5	12	7.2
5-Nov-97	1997	3	6.6	13	7.3
7-Nov-97	1997	3	6.6	13	7.3
15-Oct-97	1997	3	6.6	13	7.2
15-Oct-97	1997	3	6.6	14	7.4
10-Sep-97	1997	3	6.7	13	7.5
10-Oct-97	1997	3	6.7	13	7.5
7-Nov-97	1997	3	6.8	11	7.5
21-Oct-97	1997	3	7.0	11	7.5
10-Sep-97	1997	3	7.0	11	7.5
14-Aug-97	1997	3	7.6	10	7.5
13-Nov-97	1997	3	7.6	8.9	7.7
13-Nov-97	1997	3	7.6	7.0	7.6
14-Aug-97	1997	3	7.8	4.7	7.8
5-Nov-97	1997	3	8.0	2.1	8.1
27-Aug-97	1997	3	8.2	4.7	
17-Oct-97	1997	3	8.3	5.8	8.1
21-May-97	1997	3	8.4	9.1	7.9
27-Aug-97	1997	3	8.4	11	7.9
23-Sep-97	1997	3	8.4	11	7.6
19-Nov-97	1997	3	8.5	11	7.3
19-Nov-97	1997	3	8.6	11	7.3
21-May-97	1997	3	8.7	11	7.3
18-Jun-97	1997	3	9.0	11	7.3
30-Jul-97	1997	3	9.2	11	7.2
17-Oct-97	1997	3	9.2	11	7.3
30-Jun-97	1997	3	9.5	11	7.2
4-Jun-97	1997	3	9.6	11	7.3
4-Jun-97	1997	3	9.6	12	7.2
30-Jun-97	1997	3	9.8	12	7.3
3-Dec-97	1997	3	10	12	7.2
3-Dec-97	1997	3	10	12	7.2
8-May-97	1997	3	10	12	7.2
16-Jul-97	1997	3	11	12	7.2
30-Jul-97	1997	3	11	12	7.5
16-Jul-97	1997	3	11	11	7.5
23-Apr-97	1997	3	13	11	7.5
27-Mar-97	1997	3	14	11	7.5
10-Apr-97	1997	3	14	11	7.5
8-Oct-97	1997	6	4.5	8.9	7.7
8-Oct-97	1997	6	4.8	7.0	7.6
15-Oct-97	1997	6	4.9	4.7	7.8
27-Aug-97	1997	6	5.4		
24-Oct-97	1997	6	5.4		
30-Jun-97	1997	6	5.5		
29-Oct-97	1997	6	5.6		
10-Sep-97	1997	6	5.7		
29-Oct-97	1997	6	5.8		
31-Oct-97	1997	6	6.0		
24-Oct-97	1997	6	6.0		
23-Sep-97	1997	6	6.1		
23-Oct-97	1997	6	6.2		

Table I-20. (cont.)

Date	Year	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (^{o}C)	pH VALUE
10-Oct-97	1997	6	6.2		
10-Oct-97	1997	6	6.4		
15-Oct-97	1997	6	6.4		
5-Nov-97	1997	6	6.4		
7-Nov-97	1997	6	6.5		
23-Sep-97	1997	6	6.6		
21-Oct-97	1997	6	7.0		
14-Aug-97	1997	6	7.4		
18-Jun-97	1997	6	7.5		
13-Nov-97	1997	6	7.5		
14-Aug-97	1997	6	7.6		
17-Oct-97	1997	6	8.0		
13-Nov-97	1997	6	8.0		
17-Oct-97	1997	6	8.0		
4-Jun-97	1997	6	8.4		
19-Nov-97	1997	6	8.5		
21-May-97	1997	6	8.7		
30-Jul-97	1997	6	8.8		
16-Jul-97	1997	6	9.4		
3-Dec-97	1997	6	10		
8-May-97	1997	6	10		
3-Dec-97	1997	6	10		
8-May-97	1997	6	10		
10-Apr-97	1997	6	11		
23-Apr-97	1997	6	13		
27-Mar-97	1997	6	14		
27-Mar-97	1997	6	14		
10-Apr-97	1997	6	14		
14-Aug-97	1997	9	1.0		
16-Jul-97	1997	9	1.3		
10-Oct-97	1997	9	1.5		
30-Jul-97	1997	9	2.8		
8-Oct-97	1997	9	3.0		
15-Oct-97	1997	9	4.1		
30-Jun-97	1997	9	4.6		
30-Jun-97	1997	9	4.6		
15-Oct-97	1997	9	5.0		
29-Oct-97	1997	9	5.6		
31-Oct-97	1997	9	5.6		
29-Oct-97	1997	9	5.6		
24-Oct-97	1997	9	5.9		
31-Oct-97	1997	9	5.9		
24-Oct-97	1997	9	6.0		
23-Sep-97	1997	9	6.0		
23-Oct-97	1997	9	6.0		
5-Nov-97	1997	9	6.2		
5-Nov-97	1997	9	6.4		
18-Jun-97	1997	9	6.4		
23-Oct-97	1997	9	6.4		
7-Nov-97	1997	9	6.5		
23-Sep-97	1997	9	6.6		
21-Oct-97	1997	9	6.9		
7-Nov-97	1997	9	7.2		
13-Nov-97	1997	9	7.5		
4-Jun-97	1997	9	7.8		
17-Oct-97	1997	9	7.9		
17-Oct-97	1997	9	8.0		
19-Nov-97	1997	9	8.4		
19-Nov-97	1997	9	8.5		
21-May-97	1997	9	8.6		
4-Jun-97	1997	9	9.0		
3-Dec-97	1997	9	10		

Table I-20. (cont.)

Date	Year	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (^{o}C)	pH VALUE
8-May-97	1997	9	10		
8-May-97	1997	9	10		
23-Apr-97	1997	9	12		
23-Apr-97	1997	9	12		
27-Mar-97	1997	9	13		
27-Mar-97	1997	9	14		
10-Apr-97	1997	9	14		
30-Jul-97	1997	9	0.5		
14-Aug-97	1997	9	0.5		
27-Aug-97	1997	9	0.5		
10-Sep-97	1997	9	0.5		
8-Oct-97	1997	9	0.5		
27-Mar-98	1998	0	13	3.3	7.9
7-Apr-98	1998	0	14	7.9	8.1
21-Apr-98	1998	0	13	9.1	8.1
5-May-98	1998	0	10	14	8.0
19-May-98	1998	0	11	20	8.3
2-Jun-98	1998	0	9.6	19	8.0
16-Jun-98	1998	0	12	19	8.3
1-Jul-98	1998	0	11	24	8.0
14-Jul-98	1998	0	11	25	8.2
28-Jul-98	1998	0	7.9	25	8.1
11-Aug-98	1998	0	8.8	25	8.2
25-Aug-98	1998	0	8.1	23	8.0
8-Sep-98	1998	0	9.6	22	8.1
22-Sep-98	1998	0	13	22	8.4
6-Oct-98	1998	0	3.9	16	7.5
20-Oct-98	1998	0	5.2	15	7.6
23-Oct-98	1998	0	5.8	14	7.6
26-Oct-98	1998	0	6.1	14	7.6
4-Nov-98	1998	0	7.6	12	7.7
17-Nov-98	1998	0	9.0	9.3	7.8
2-Dec-98	1998	0	10	7.7	7.8
15-Dec-98	1998	0	11	6.7	7.8
16-Jun-98	1998	2	10		
16-Jun-98	1998	2	10		
27-Mar-98	1998	3	13	3.3	7.9
7-Apr-98	1998	3	13	7.6	8.1
21-Apr-98	1998	3	13	8.9	8.1
21-Apr-98	1998	3	13		
5-May-98	1998	3	10	13	8.0
5-May-98	1998	3	10		
19-May-98	1998	3	11	20	8.2
19-May-98	1998	3	12		
2-Jun-98	1998	3	9.5	19	8.0
16-Jun-98	1998	3	9.6	18	8.1
1-Jul-98	1998	3	11	24	8.0
14-Jul-98	1998	3	9.5	23	8.1
28-Jul-98	1998	3	7.6	25	8.0
11-Aug-98	1998	3	8.6	25	8.2
25-Aug-98	1998	3	7.8	23	8.0
8-Sep-98	1998	3	9.5	22	8.1
22-Sep-98	1998	3	13	22	8.4
6-Oct-98	1998	3	3.7	16	7.7
20-Oct-98	1998	3	5.1	15	7.6
23-Oct-98	1998	3	5.7	14	7.6
26-Oct-98	1998	3	6.0	14	7.6
4-Nov-98	1998	3	7.6	12	7.7
17-Nov-98	1998	3	9.6	9.3	7.9
2-Dec-98	1998	3	10	7.7	7.9
15-Dec-98	1998	3	10	6.7	8.0
27-Mar-98	1998	6	13	3.2	8.0

Table I-20. (cont.)

Date	Year	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (^{o}C)	pH VALUE
7-Apr-98	1998	6	13	7.5	8.1
21-Apr-98	1998	6	12	8.9	8.1
5-May-98	1998	6	10	11	7.9
19-May-98	1998	6	8.4	13	7.8
2-Jun-98	1998	6	9.0	18	7.9
2-Jun-98	1998	6	9.3		
16-Jun-98	1998	6	8.9	17	8.1
1-Jul-98	1998	6	5.9	19	7.6
14-Jul-98	1998	6	3.4	20	7.5
28-Jul-98	1998	6	0.5	21	7.3
11-Aug-98	1998	6	5.3	24	7.8
25-Aug-98	1998	6	6.1	23	7.7
8-Sep-98	1998	6	9.4	22	8.1
22-Sep-98	1998	6	11	21	8.2
6-Oct-98	1998	6	3.6	16	7.6
20-Oct-98	1998	6	5.1	15	7.6
23-Oct-98	1998	6	5.7	14	7.6
26-Oct-98	1998	6	6.0	14	7.6
4-Nov-98	1998	6	7.5	12	7.7
17-Nov-98	1998	6	9.6	9.3	7.9
2-Dec-98	1998	6	10	7.7	8.1
15-Dec-98	1998	6	10	6.7	8.0
27-Mar-98	1998	9	12	3.2	8.0
27-Mar-98	1998	9	13		
7-Apr-98	1998	9	13	7.5	8.1
21-Apr-98	1998	9	12	8.9	8.1
21-Apr-98	1998	9	12		
5-May-98	1998	9	10	10	8.0
19-May-98	1998	9	8.6	10	7.8
2-Jun-98	1998	9	6.1	13	7.6
16-Jun-98	1998	9	7.9	16	8.0
1-Jul-98	1998	9	1.9	16	7.4
14-Jul-98	1998	9	0.5	16	7.3
28-Jul-98	1998	9	0.5	16	7.3
11-Aug-98	1998	9	0.5	18	7.3
25-Aug-98	1998	9	0.5	16	7.4
8-Sep-98	1998	9	0.5	19	7.3
22-Sep-98	1998	9	1.8	19	7.5
6-Oct-98	1998	9	3.5	16	7.6
20-Oct-98	1998	9	5.1	15	7.6
23-Oct-98	1998	9	5.7	14	7.6
26-Oct-98	1998	9	6.0	14	7.6
4-Nov-98	1998	9	7.5	12	7.7
17-Nov-98	1998	9	8.6	9.3	7.9
2-Dec-98	1998	9	10	7.7	8.0
15-Dec-98	1998	9	10	6.7	8.0
27-Mar-98	1998	12	13	3.2	8.0
7-Apr-98	1998	12	13	7.5	8.1
7-Apr-98	1998	12	13		
21-Apr-98	1998	12	12	8.9	8.1
5-May-98	1998	12	10.0	9.5	7.9
19-May-98	1998	12	6.9	9.3	7.7
19-May-98	1998	12	7.0		
2-Jun-98	1998	12	4.7	10	7.5
16-Jun-98	1998	12	6.4	16	7.8
1-Jul-98	1998	12	1.0	14	7.4
1-Jul-98	1998	12	0.5		
14-Jul-98	1998	12	0.5	14	7.3
28-Jul-98	1998	12	0.5	14	7.4
11-Aug-98	1998	12	0.5	14	7.3
25-Aug-98	1998	12	0.5	14	7.4
8-Sep-98	1998	12	0.5	14	7.3

Table I-20. (cont.)

Date	Year	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (^{o}C)	pH VALUE
22-Sep-98	1998	12	0.5	14	7.3
6-Oct-98	1998	12	0.5	16	7.4
20-Oct-98	1998	12	5.1	15	7.6
23-Oct-98	1998	12	5.6	14	7.6
26-Oct-98	1998	12	5.9	14	7.6
4-Nov-98	1998	12	7.5	12	7.7
17-Nov-98	1998	12	8.4	9.3	7.9
2-Dec-98	1998	12	10	7.7	8.0
15-Dec-98	1998	12	10	6.7	8.0
27-Mar-98	1998	15	13	3.2	8.0
27-Mar-98	1998	15	13		
7-Apr-98	1998	15	13	7.3	8.1
21-Apr-98	1998	15	12	8.9	8.1
21-Apr-98	1998	15	12		
5-May-98	1998	15	9.8	9.2	7.9
5-May-98	1998	15	9.8		
19-May-98	1998	15	5.4	8.9	7.6
2-Jun-98	1998	15	4.1	9.6	7.5
2-Jun-98	1998	15	4.3		
16-Jun-98	1998	15	2.6	12	7.6
1-Jul-98	1998	15	0.5	13	7.4
14-Jul-98	1998	15	0.5	13	7.4
28-Jul-98	1998	15	0.5	13	7.3
11-Aug-98	1998	15	0.5	13	7.3
25-Aug-98	1998	15	0.5	12	7.3
8-Sep-98	1998	15	0.5	13	7.2
22-Sep-98	1998	15	0.5	13	7.3
6-Oct-98	1998	15	0.5	14	7.3
20-Oct-98	1998	15	5.0	15	7.6
23-Oct-98	1998	15	5.5	7.6	7.6
26-Oct-98	1998	15	5.6	13	7.6
4-Nov-98	1998	15	7.5	12	7.8
17-Nov-98	1998	15	8.4	9.3	7.9
2-Dec-98	1998	15	10	7.7	8.0
15-Dec-98	1998	15	10	6.7	8.0
27-Mar-98	1998	18	11	3.1	7.8
27-Mar-98	1998	18	11		
7-Apr-98	1998	18	13	6.5	8.1
7-Apr-98	1998	18	14		
21-Apr-98	1998	18	12	8.8	8.1
5-May-98	1998	18	7.7	8.6	7.8
19-May-98	1998	18	4.9	8.8	7.6
2-Jun-98	1998	18	3.1	9.3	7.4
16-Jun-98	1998	18	0.5	10	7.5
1-Jul-98	1998	18	0.5	12	7.4
14-Jul-98	1998	18	0.5	12	7.3
28-Jul-98	1998	18	0.5	12	7.2
11-Aug-98	1998	18	0.5	12	7.2
25-Aug-98	1998	18	0.5	12	7.2
8-Sep-98	1998	18	0.5	12	7.1
22-Sep-98	1998	18	0.5	12	7.3
6-Oct-98	1998	18	0.5	13	7.3
20-Oct-98	1998	18	0.5	14	7.2
23-Oct-98	1998	18	5.6	7.6	7.6
26-Oct-98	1998	18	5.5	13	7.6
4-Nov-98	1998	18	7.4	12	7.8
17-Nov-98	1998	18	8.6	9.3	7.9
2-Dec-98	1998	18	10	7.7	7.7
15-Dec-98	1998	18	10	6.6	8.0
29-Mar-99	1999	0	12	3.8	7.8
6-Apr-99	1999	0	14	6.8	8.1
20-Apr-99	1999	0	15	8.2	8.3

Table I-20. (cont.)

Date	Year	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (^{o}C)	pH VALUE
4-May-99	1999	0	17	14	8.9
18-May-99	1999	0	9.8	17	8.0
1-Jun-99	1999	0	9.9	21	8.1
14-Jun-99	1999	0	12	23	8.1
29-Jun-99	1999	0	9.1	25	8.0
13-Jul-99	1999	0	12	25	8.3
27-Jul-99	1999	0	12	27	8.2
10-Aug-99	1999	0	9.2	23	8.1
24-Aug-99	1999	0	13	24	8.3
7-Sep-99	1999	0	10	23	8.2
21-Sep-99	1999	0	8.1	19	7.7
5-Oct-99	1999	0	7.3	16	7.6
19-Oct-99	1999	0	5.9	14	7.5
27-Oct-99	1999	0		12	7.7
28-Oct-99	1999	0	7.0	12	7.4
3-Nov-99	1999	0	7.3	12	7.7
16-Nov-99	1999	0	9.8	8.6	7.8
30-Nov-99	1999	0	9.8	7.8	7.7
14-Dec-99	1999	0	9.0	5.9	7.6
29-Mar-99	1999	3	12	3.8	7.9
6-Apr-99	1999	3	13	6.3	8.1
20-Apr-99	1999	3	16	7.6	8.3
4-May-99	1999	3	17	14	8.2
18-May-99	1999	3	9.6	16	7.9
1-Jun-99	1999	3	9.2	18	8.1
14-Jun-99	1999	3	11	22	8.1
29-Jun-99	1999	3	6.8	24	7.7
13-Jul-99	1999	3	9.5	23	8.1
27-Jul-99	1999	3	12	27	8.1
10-Aug-99	1999	3	8.7	23	8.0
24-Aug-99	1999	3	9.2	23	8.1
7-Sep-99	1999	3	10	23	8.2
21-Sep-99	1999	3	8.0	19	7.9
5-Oct-99	1999	3	7.2	16	7.7
19-Oct-99	1999	3	5.5	14	7.6
27-Oct-99	1999	3	6.7	12	7.7
28-Oct-99	1999	3	6.6	12	7.6
3-Nov-99	1999	3	6.9	12	7.7
16-Nov-99	1999	3	9.6	8.6	7.8
30-Nov-99	1999	3	9.4	7.8	7.7
14-Dec-99	1999	3	9.0	5.9	7.6
29-Mar-99	1999	6	12	3.7	7.9
6-Apr-99	1999	6	12	4.7	8.0
20-Apr-99	1999	6	16	7.6	8.5
4-May-99	1999	6	16	13	8.2
18-May-99	1999	6	9.2	13	7.8
1-Jun-99	1999	6	8.7	17	8.0
14-Jun-99	1999	6	6.0	19	7.8
29-Jun-99	1999	6	1.7	20	7.4
13-Jul-99	1999	6	7.0	23	7.9
27-Jul-99	1999	6	0.5	23	7.2
10-Aug-99	1999	6	8.3	23	8.0
24-Aug-99	1999	6	6.5	22	7.8
7-Sep-99	1999	6	9.2	23	8.1
21-Sep-99	1999	6	8.2	19	7.8
5-Oct-99	1999	6	7.2	16	7.7
19-Oct-99	1999	6	5.5	14	7.6
27-Oct-99	1999	6		12	7.7
28-Oct-99	1999	6	6.7	12	7.6
3-Nov-99	1999	6	6.9	12	7.7
16-Nov-99	1999	6	9.6	8.6	7.8
30-Nov-99	1999	6	9.4	7.8	7.7

Table I-20. (cont.)

Date	Year	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (^{o}C)	pH VALUE
14-Dec-99	1999	6	9.0	5.9	7.6
29-Mar-99	1999	9	12	3.6	7.9
6-Apr-99	1999	9	12	4.5	8.0
20-Apr-99	1999	9	15	7.5	8.3
4-May-99	1999	9	13	9.8	8.1
18-May-99	1999	9	9.1	10.0	7.7
1-Jun-99	1999	9	7.5	14	7.9
14-Jun-99	1999	9	5.3	14	7.7
29-Jun-99	1999	9	1.2	17	7.4
13-Jul-99	1999	9	0.5	16	7.4
27-Jul-99	1999	9	0.5	18	7.4
10-Aug-99	1999	9	0.5	18	7.3
24-Aug-99	1999	9	0.5	18	7.3
7-Sep-99	1999	9	0.5	19	7.3
21-Sep-99	1999	9	7.9	19	7.9
5-Oct-99	1999	9	7.1	16	7.7
19-Oct-99	1999	9	5.5	14	7.6
27-Oct-99	1999	9	6.6	12	7.7
28-Oct-99	1999	9	6.6	12	7.6
3-Nov-99	1999	9	6.9	12	7.7
16-Nov-99	1999	9	9.7	8.6	7.8
30-Nov-99	1999	9	9.5	7.8	7.7
14-Dec-99	1999	9	9.0	5.9	7.6
29-Mar-99	1999	12	11	3.4	7.9
6-Apr-99	1999	12	12	4.2	7.9
20-Apr-99	1999	12	15	7.5	8.3
4-May-99	1999	12	13	9.2	8.1
18-May-99	1999	12	8.2	8.5	7.7
1-Jun-99	1999	12	6.0	9.4	7.7
14-Jun-99	1999	12	4.6	10	7.6
29-Jun-99	1999	12	1.1	11	7.4
13-Jul-99	1999	12	0.5	12	7.4
27-Jul-99	1999	12	0.5	12	7.4
10-Aug-99	1999	12	0.5	12	7.3
24-Aug-99	1999	12	0.5	12	7.4
7-Sep-99	1999	12	0.5	12	7.4
21-Sep-99	1999	12	0.5	12	7.3
5-Oct-99	1999	12	0.5	14	7.2
19-Oct-99	1999	12	5.5	14	7.6
27-Oct-99	1999	12		12	7.7
28-Oct-99	1999	12	6.7	12	7.6
3-Nov-99	1999	12	6.9	12	7.7
16-Nov-99	1999	12	9.6	8.6	7.8
30-Nov-99	1999	12	9.5	7.8	7.7
14-Dec-99	1999	12	9.0	5.9	7.6
29-Mar-99	1999	15	11	2.8	7.9
6-Apr-99	1999	15	11	3.8	7.9
20-Apr-99	1999	15	15	7.4	8.3
4-May-99	1999	15	12	8.3	8.1
18-May-99	1999	15	7.2	8.1	7.6
1-Jun-99	1999	15	4.0	8.6	7.6
14-Jun-99	1999	15	2.8	8.8	7.5
29-Jun-99	1999	15	0.5	9.3	7.4
13-Jul-99	1999	15	0.5	9.7	7.3
27-Jul-99	1999	15	0.5	10	7.4
10-Aug-99	1999	15	0.5	10	7.3
24-Aug-99	1999	15	0.5	10	7.3
7-Sep-99	1999	15	0.5	11	7.3
21-Sep-99	1999	15	0.5	11	7.3
5-Oct-99	1999	15	0.5	11	7.2
19-Oct-99	1999	15	5.5	14	7.6
27-Oct-99	1999	15	6.5	12	7.7

Table I-20. (cont.)

Date	Year	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (^{o}C)	pH VALUE
28-Oct-99	1999	15	6.8	12	7.6
3-Nov-99	1999	15	6.8	12	7.7
16-Nov-99	1999	15	9.6	8.5	7.8
30-Nov-99	1999	15	9.5	7.8	7.7
14-Dec-99	1999	15	9.0	5.9	7.6
29-Mar-99	1999	18	9.6	2.4	7.8
6-Apr-99	1999	18	11	3.6	7.9
20-Apr-99	1999	18	14	7.3	8.3
4-May-99	1999	18	9.5	7.7	7.9
18-May-99	1999	18	3.6	7.9	7.5
1-Jun-99	1999	18	2.5	8.4	7.5
14-Jun-99	1999	18	0.5	8.5	7.4
29-Jun-99	1999	18	0.5	8.6	7.4
13-Jul-99	1999	18	0.5	9.5	7.4
27-Jul-99	1999	18	0.5	9.2	7.3
10-Aug-99	1999	18	0.5	9.3	7.2
24-Aug-99	1999	18	0.5	9.8	7.4
7-Sep-99	1999	18	0.5	10	7.3
21-Sep-99	1999	18	0.5	10	7.2
5-Oct-99	1999	18	0.5	11	7.1
19-Oct-99	1999	18	0.5	12	7.2
27-Oct-99	1999	18		12	7.7
28-Oct-99	1999	18	6.9	12	7.7
3-Nov-99	1999	18	7.6	12	7.7
16-Nov-99	1999	18	9.6	8.5	7.8
30-Nov-99	1999	18	9.5	7.8	7.7
14-Dec-99	1999	18	9.0	5.9	7.6
7-Mar-00	2000	0	13		
21-Mar-00	2000	0	12		
11-Apr-00	2000	0	11		
18-Apr-00	2000	0	12		
2-May-00	2000	0	15	10	8.1
16-May-00	2000	0	10	15	7.9
30-May-00	2000	0	12	16	8.2
13-Jun-00	2000	0	11	19	8.1
27-Jun-00	2000	0	8.4	22	8.1
11-Jul-00	2000	0	9.0	22	8.2
25-Jul-00	2000	0	14	23	8.2
8-Aug-00	2000	0	12	23	8.2
21-Aug-00	2000	0	9.7	22	8.0
5-Sep-00	2000	0	9.5	22	7.9
19-Sep-00	2000	0	9.3	20	7.9
3-Oct-00	2000	0	10	17	8.1
11-Oct-00	2000	0	8.4	14	7.9
17-Oct-00	2000	0	9.3	14	8.0
23-Oct-00	2000	0	8.6	14	0.5
31-Oct-00	2000	0	8.6	12	7.8
14-Nov-00	2000	0	5.8	10	7.5
28-Nov-00	2000	0	9.7	6.4	7.7
7-Mar-00	2000	3	12	2.9	8.1
21-Mar-00	2000	3	12	3.6	8.0
11-Apr-00	2000	3	11	5.6	7.8
18-Apr-00	2000	3	12	6.8	7.9
2-May-00	2000	3	15	10	8.1
16-May-00	2000	3	10	15	7.9
30-May-00	2000	3	11	16	8.1
13-Jun-00	2000	3	11	19	8.1
27-Jun-00	2000	3	8.1	22	8.0
11-Jul-00	2000	3	8.8	22	8.2
25-Jul-00	2000	3	13	22	8.2
8-Aug-00	2000	3	12	23	8.1
21-Aug-00	2000	3	9.6	21	8.0

Table I-20. (cont.)

Date	Year	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (^{o}C)	pH VALUE
5-Sep-00	2000	3	9.2	22	7.9
19-Sep-00	2000	3	8.5	20	7.9
3-Oct-00	2000	3	9.8	17	8.1
11-Oct-00	2000	3	8.2	14	7.9
17-Oct-00	2000	3	9.1	14	8.0
23-Oct-00	2000	3	8.2	14	7.9
31-Oct-00	2000	3	8.2	12	7.9
14-Nov-00	2000	3	5.3	10	7.6
28-Nov-00	2000	3	9.4	6.4	7.8
7-Mar-00	2000	6	12	2.4	8.1
21-Mar-00	2000	6	12	3.6	8.0
11-Apr-00	2000	6	11	5.6	7.8
18-Apr-00	2000	6	12	6.8	7.9
2-May-00	2000	6	15	9.9	8.1
16-May-00	2000	6	10	15	8.0
30-May-00	2000	6	8.4	15	7.9
13-Jun-00	2000	6	6.7	16	7.8
27-Jun-00	2000	6	7.7	22	8.0
11-Jul-00	2000	6	8.4	22	8.2
25-Jul-00	2000	6	7.9	21	7.9
8-Aug-00	2000	6	3.9	22	7.4
21-Aug-00	2000	6	9.3	21	8.0
5-Sep-00	2000	6	6.3	22	7.7
19-Sep-00	2000	6	7.4	19	7.8
3-Oct-00	2000	6	8.9	17	8.0
11-Oct-00	2000	6	8.1	14	7.9
17-Oct-00	2000	6	8.8	14	8.0
23-Oct-00	2000	6	8.2	14	7.9
31-Oct-00	2000	6	8.1	12	7.9
14-Nov-00	2000	6	5.1	10	7.6
28-Nov-00	2000	6	9.0	6.4	7.8
11-Apr-00	2000	9	11	5.6	7.8
18-Apr-00	2000	9	11	6.7	7.9
2-May-00	2000	9	14	9.8	8.1
16-May-00	2000	9	9.8	12	8.0
30-May-00	2000	9	6.7	12	7.7
13-Jun-00	2000	9	5.7	14	7.6
27-Jun-00	2000	9	3.1	16	7.5
11-Jul-00	2000	9	0.3	16	7.4
25-Jul-00	2000	9	9.0E-02	16	7.5
8-Aug-00	2000	9	8.0E-02	18	7.3
21-Aug-00	2000	9	4.0E-02	18	7.3
5-Sep-00	2000	9	0	19	7.3
19-Sep-00	2000	9	5.1	19	7.6
3-Oct-00	2000	9	7.0	17	7.8
11-Oct-00	2000	9	8.2	14	7.9
17-Oct-00	2000	9	6.5	14	7.8
23-Oct-00	2000	9	8.0	14	7.9
31-Oct-00	2000	9	8.1	12	7.9
14-Nov-00	2000	9	5.0	10	7.6
28-Nov-00	2000	9	9.1	6.4	7.8
7-Mar-00	2000	12	11	1.9	7.9
21-Mar-00	2000	12	12	3.6	8.0
11-Apr-00	2000	12	11	5.6	7.8
18-Apr-00	2000	12	11	6.5	7.9
2-May-00	2000	12	13	8.8	8.0
16-May-00	2000	12	8.1	8.5	7.9
30-May-00	2000	12	5.9	9.9	7.5
13-Jun-00	2000	12	3.8	12	7.4
27-Jun-00	2000	12	0	12	7.3
11-Jul-00	2000	12	0	13	7.3
25-Jul-00	2000	12	0.1	11	7.6

Table I-20. (cont.)

Date	Year	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (^{o}C)	pH VALUE
8-Aug-00	2000	12	9.0E-02	13	7.2
21-Aug-00	2000	12	0	13	7.3
5-Sep-00	2000	12	0	13	7.3
19-Sep-00	2000	12	0	13	7.4
3-Oct-00	2000	12	0.9	15	7.4
11-Oct-00	2000	12	8.1	14	7.9
17-Oct-00	2000	12	2.6	14	7.6
23-Oct-00	2000	12	7.9	14	7.8
31-Oct-00	2000	12	8.1	12	7.9
14-Nov-00	2000	12	5.1	10	7.6
28-Nov-00	2000	12	9.0	6.4	7.8
7-Mar-00	2000	15	7.8	1.9	7.7
21-Mar-00	2000	15	12	3.6	8.0
11-Apr-00	2000	15	11	5.6	7.8
18-Apr-00	2000	15	11	6.3	7.8
2-May-00	2000	15	11	8.6	8.0
16-May-00	2000	15	7.8	8.3	7.8
30-May-00	2000	15	4.9	8.5	7.5
13-Jun-00	2000	15	2.3	9.4	7.4
27-Jun-00	2000	15	0	9.7	7.3
11-Jul-00	2000	15	0	10	7.3
25-Jul-00	2000	15	4.0E-02	10	7.7
8-Aug-00	2000	15	7.0E-02	10	7.2
21-Aug-00	2000	15	0	11	7.3
5-Sep-00	2000	15	0	11	7.3
19-Sep-00	2000	15	0	10	7.3
3-Oct-00	2000	15	0.5	12	7.2
11-Oct-00	2000	15	6.0E-02	12	7.3
17-Oct-00	2000	15	0	11	7.4
23-Oct-00	2000	15	0	12	7.3
31-Oct-00	2000	15	8.1	12	7.9
14-Nov-00	2000	15	5.0	10	7.6
28-Nov-00	2000	15	8.9	6.4	7.8
7-Mar-00	2000	18	7.0	1.9	7.7
21-Mar-00	2000	18	6.3	2.3	7.6
11-Apr-00	2000	18	11	5.6	7.8
18-Apr-00	2000	18	11	6.0	7.8
2-May-00	2000	18	10	7.6	7.8
16-May-00	2000	18	7.7	8.1	7.8
30-May-00	2000	18	3.8	8.3	7.4
13-Jun-00	2000	18	0	8.6	7.3
27-Jun-00	2000	18	0	9.1	7.3
11-Jul-00	2000	18	0	9.6	7.3
25-Jul-00	2000	18	8.0E-02	9.5	7.7
8-Aug-00	2000	18	7.0E-02	9.4	7.2
21-Aug-00	2000	18	0	9.8	7.2
5-Sep-00	2000	18	0	9.9	7.3
19-Sep-00	2000	18	7.0E-02	9.9	7.3
3-Oct-00	2000	18	0.5	11	7.2
11-Oct-00	2000	18	0.1	11	7.4
17-Oct-00	2000	18	3.0E-02	12	7.4
23-Oct-00	2000	18	0	11	7.2
31-Oct-00	2000	18	0.1	12	7.4
14-Nov-00	2000	18	3.1	10	7.5
28-Nov-00	2000	18	9.0	6.4	7.8
11-Apr-01	2001	0	12	6.4	7.8
18-Apr-01	2001	0	12	7.8	7.8
30-Apr-01	2001	0	19	12	8.5
15-May-01	2001	0	12	16	7.9
29-May-01	2001	0	9.0	17	7.9
12-Jun-01	2001	0	10	20	7.9
26-Jun-01	2001	0	12	23	8.1

Table I-20. (cont.)

Date	Year	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (^{o}C)	pH VALUE
11-Apr-01	2001	3	12	5.7	7.9
18-Apr-01	2001	3	12	7.8	7.9
30-Apr-01	2001	3	19	11	8.3
15-May-01	2001	3	12	16	8.0
29-May-01	2001	3	8.7	17	8.0
12-Jun-01	2001	3	10	19	8.0
26-Jun-01	2001	3	11	22	8.1
11-Apr-01	2001	6	11	4.7	7.8
18-Apr-01	2001	6	12	7.8	7.9
30-Apr-01	2001	6	12	9.5	8.1
15-May-01	2001	6	7.7	10	7.6
29-May-01	2001	6	8.3	17	7.9
12-Jun-01	2001	6	7.3	15	7.8
26-Jun-01	2001	6	6.6	19	7.8
11-Apr-01	2001	9	10	3.7	7.7
18-Apr-01	2001	9	12	7.8	7.9
30-Apr-01	2001	9	12	9.4	8.1
15-May-01	2001	9	7.4	8.6	7.7
29-May-01	2001	9	5.3	11	7.6
12-Jun-01	2001	9	4.9	12	7.6
26-Jun-01	2001	9	4.1	14	7.5
11-Apr-01	2001	12	9.6	3.4	7.7
18-Apr-01	2001	12	12	7.2	7.9
30-Apr-01	2001	12	10	8.2	7.9
15-May-01	2001	12	6.7	7.5	7.6
29-May-01	2001	12	4.3	8.5	7.5
12-Jun-01	2001	12	4.2	11	7.6
26-Jun-01	2001	12	2.5	12	7.5
11-Apr-01	2001	15	8.0	2.9	7.6
18-Apr-01	2001	15	11	6.9	7.9
30-Apr-01	2001	15	8.1	6.5	7.7
15-May-01	2001	15	6.1	7.1	7.6
29-May-01	2001	15	3.4	7.4	7.5
12-Jun-01	2001	15	1.8	8.7	7.6
26-Jun-01	2001	15	0.6	9.7	7.5
11-Apr-01	2001	18	1.6	2.7	7.4
18-Apr-01	2001	18	4.0	3.0	7.4
30-Apr-01	2001	18	6.1	5.2	7.6
15-May-01	2001	18	5.5	6.7	7.6
29-May-01	2001	18	1.8	7.1	7.5
12-Jun-01	2001	18	0.8	8.1	7.5
26-Jun-01	2001	18	0	9.0	7.5
4-May-01	2001	0	20	19	8.5
7-May-01	2001	0	13	14	7.9
22-Feb-01	2001	0	17	1.5	8.3
22-Feb-01	2001	3	12	2.0	7.8
22-Feb-01	2001	6	11	1.9	7.8
22-Feb-01	2001	9	11	1.5	7.6
22-Feb-01	2001	12	9.7	1.6	7.8
22-Feb-01	2001	15	8.3	1.9	7.8
22-Feb-01	2001	16	5.4	2.2	7.9

Table I-20 (cont.)

Date	Year	Depth (m)	Nitrite (mg/L)	Nitrate (mg/L)	Date	Year	Depth (m)	Sulfide (mg/L)
		NORTH BASIN					**NORTH BASIN**	
10-Apr-97	1997	Epilimnion	4.0E-02	1.1	10-Apr-97	1997	12	0.2
30-Jun-97	1997	Epilimnion	0.1	0.9	30-Jun-97	1997	12	0.2
23-Sep-97	1997	Epilimnion	0.2	1.5	23-Sep-97	1997	12	2.4
19-Nov-97	1997	Epilimnion	0.2	1.7	19-Nov-97	1997	12	0.1
10-Apr-97	1997	Hypolimnion	4.0E-02	1.1	10-Apr-97	1997	15	0.2
30-Jun-97	1997	Hypolimnion	8.0E-02	0.6	30-Jun-97	1997	15	0.2
23-Sep-97	1997	Hypolimnion	5.0E-03	5.0E-03	23-Sep-97	1997	15	5.8
19-Nov-97	1997	Hypolimnion	0.2	1.5	19-Nov-97	1997	15	0.1
7-Apr-98	1998	Epilimnion	3.0E-02	1.1	10-Apr-97	1997	18	0.2
1-Jul-98	1998	Epilimnion	0.2	1.4	30-Jun-97	1997	18	0.4
22-Sep-98	1998	Epilimnion	0.1	1.5	23-Sep-97	1997	18	6.4
17-Nov-98	1998	Epilimnion	0.2	1.1	19-Nov-97	1997	18	0.1
7-Apr-98	1998	Hypolimnion	3.0E-02	1.1	1-Jul-98	1998	12	0.4
1-Jul-98	1998	Hypolimnion	0.1	0.6	22-Sep-98	1998	12	3.2
22-Sep-98	1998	Hypolimnion	2.0E-02	5.0E-02	1-Jul-98	1998	15	0.4
17-Nov-98	1998	Hypolimnion	0.2	1.1	22-Sep-98	1998	15	7.4
6-Apr-99	1999	Epilimnion	6.0E-02	1.3	1-Jul-98	1998	18	0.4
13-Jul-99	1999	Epilimnion	0.1	1.6	22-Sep-98	1998	18	10
21-Sep-99	1999	Epilimnion	9.0E-02	1.5	21-Sep-99	1999	12	2.4
30-Nov-99	1999	Epilimnion	0.5	1.2	13-Jul-99	1999	15	1
6-Apr-99	1999	Hypolimnion	6.0E-02	1.3	21-Sep-99	1999	15	5
13-Jul-99	1999	Hypolimnion	2.0E-02	0.1	13-Jul-99	1999	18	1.6
21-Sep-99	1999	Hypolimnion	2.0E-02	5.0E-03	21-Sep-99	1999	18	8.4
30-Nov-99	1999	Hypolimnion	0.5	1.2	27-Jun-00	2000	9	0.1
14-Dec-99	1999	Hypolimnion	8.0E-02	1.8	27-Jun-00	2000	12	0.1
14-Nov-00	2000	0	3.0E-02	1.7	19-Sep-00	2000	12	0.1
14-Nov-00	2000	3	3.0E-02	1.7	27-Jun-00	2000	15	0.1
14-Nov-00	2000	6	3.0E-02	1.7	19-Sep-00	2000	15	3.6
14-Nov-00	2000	9	3.0E-02	1.7	27-Jun-00	2000	18	0.1
14-Nov-00	2000	12	3.0E-02	1.7	19-Sep-00	2000	18	3.6
14-Nov-00	2000	15	3.0E-02	1.7	26-Jun-01	2001	15	0.1
14-Nov-00	2000	18	4.0E-02	1.4	26-Jun-01	2001	18	0.1
7-Mar-00	2000	Epilimnion	4.0E-02				**SOUTH BASIN**	
21-Mar-00	2000	Epilimnion	4.0E-02		27-Mar-97	1997	12	0.1
11-Apr-00	2000	Epilimnion	4.5E-02	1.5	10-Apr-97	1997	12	0.2
27-Jun-00	2000	Epilimnion	9.0E-02	1.1	23-Apr-97	1997	12	0.1
26-Jul-00	2000	Epilimnion	9.0E-02		8-May-97	1997	12	0.1
24-Aug-00	2000	Epilimnion	0.1		21-May-97	1997	12	0.2
19-Sep-00	2000	Epilimnion	0.2	1.1	4-Jun-97	1997	12	0.2
27-Sep-00	2000	Epilimnion	0.1		18-Jun-97	1997	12	0.2
14-Nov-00	2000	Epilimnion	3.0E-02	1.7	30-Jun-97	1997	12	0.2
11-Apr-00	2000	Hypolimnion	4.0E-02	1.5	16-Jul-97	1997	12	0.2
27-Jun-00	2000	Hypolimnion	4.0E-02	1.4	30-Jul-97	1997	12	0.1
26-Jul-00	2000	Hypolimnion	0.3	0.8	14-Aug-97	1997	12	0.6
24-Aug-00	2000	Hypolimnion	0.2	6.0E-02	27-Aug-97	1997	12	4.4
19-Sep-00	2000	Hypolimnion	2.0E-02	4.0E-02	10-Sep-97	1997	12	3.6
27-Sep-00	2000	Hypolimnion	1.0E-02	0.02	23-Sep-97	1997	12	0.8
14-Nov-00	2000	Hypolimnion	2.0E-02	1.6	8-Oct-97	1997	12	0.1
18-Apr-01	2001	Epilimnion	3.5E-02	1.3	21-Oct-97	1997	12	0.1
26-Jun-01	2001	Epilimnion	9.5E-02	1.8	5-Nov-97	1997	12	0.1
18-Apr-01	2001	Hypolimnion	2.0E-02	1.1	19-Nov-97	1997	12	0.1
26-Jun-01	2001	Hypolimnion	7.0E-02	0.7	3-Dec-97	1997	12	0.1
		SOUTH BASIN			27-Mar-97	1997	15	0.2
27-Mar-97	1997	Epilimnion	3.0E-02	1.1	10-Apr-97	1997	15	0.4
10-Apr-97	1997	Epilimnion	0.2	1.1	23-Apr-97	1997	15	0.2
23-Apr-97	1997	Epilimnion	5.0E-02	1.0	8-May-97	1997	15	0.1
8-May-97	1997	Epilimnion	6.0E-02	1.0	21-May-97	1997	15	0.2
21-May-97	1997	Epilimnion	6.5E-02	0.9	4-Jun-97	1997	15	0.1
4-Jun-97	1997	Epilimnion	4.0E-02	1.0	18-Jun-97	1997	15	0.1
18-Jun-97	1997	Epilimnion	8.0E-02	0.9	30-Jun-97	1997	15	0.2
30-Jun-97	1997	Epilimnion	0.1	0.9	16-Jul-97	1997	15	0.1
16-Jul-97	1997	Epilimnion	0.3	0.9	30-Jul-97	1997	15	1.6
30-Jul-97	1997	Epilimnion	0.2	1.0	14-Aug-97	1997	15	1.6

Table I-20 (cont.)

Date	Year	Depth (m)	Nitrite (mg/L)	Nitrate (mg/L)	Date	Year	Depth (m)	Sulfide (mg/L)
14-Aug-97	1997	Epilimnion	0.1	1.0	27-Aug-97	1997	15	6.8
27-Aug-97	1997	Epilimnion	0.2	1.0	10-Sep-97	1997	15	5.4
10-Sep-97	1997	Epilimnion	0.3	1.1	23-Sep-97	1997	15	4.8
23-Sep-97	1997	Epilimnion	0.2	1.6	8-Oct-97	1997	15	5.4
8-Oct-97	1997	Epilimnion	0.2	2.3	21-Oct-97	1997	15	0.4
15-Oct-97	1997	Epilimnion	0.1	2.4	5-Nov-97	1997	15	0.1
21-Oct-97	1997	Epilimnion	0.1	1.9	19-Nov-97	1997	15	0.1
29-Oct-97	1997	Epilimnion	0.2	1.7	3-Dec-97	1997	15	0.1
5-Nov-97	1997	Epilimnion	0.2	1.9	27-Mar-97	1997	18	0.1
19-Nov-97	1997	Epilimnion	0.2	1.7	10-Apr-97	1997	18	0.4
3-Dec-97	1997	Epilimnion	0.1	1.6	23-Apr-97	1997	18	0.2
27-Mar-97	1997	Hypolimnion	6.0E-02	1.1	8-May-97	1997	18	0.1
10-Apr-97	1997	Hypolimnion	4.0E-02	1.1	21-May-97	1997	18	0.2
23-Apr-97	1997	Hypolimnion	6.0E-02	1.0	4-Jun-97	1997	18	0.1
8-May-97	1997	Hypolimnion	6.0E-02	1.0	18-Jun-97	1997	18	0.2
21-May-97	1997	Hypolimnion	6.0E-02	0.9	30-Jun-97	1997	18	0.2
4-Jun-97	1997	Hypolimnion	4.0E-02	0.9	16-Jul-97	1997	18	1.6
18-Jun-97	1997	Hypolimnion	4.0E-02	0.8	30-Jul-97	1997	18	1
30-Jun-97	1997	Hypolimnion	7.0E-02	0.6	14-Aug-97	1997	18	3.8
16-Jul-97	1997	Hypolimnion	0.2	0.4	27-Aug-97	1997	18	22
30-Jul-97	1997	Hypolimnion	9.0E-02	0.1	10-Sep-97	1997	18	11.4
14-Aug-97	1997	Hypolimnion	0.2	1.5	23-Sep-97	1997	18	8.2
27-Aug-97	1997	Hypolimnion	5.0E-03	5.0E-03	8-Oct-97	1997	18	4.8
10-Sep-97	1997	Hypolimnion	2.0E-02	5.0E-03	21-Oct-97	1997	18	4.2
23-Sep-97	1997	Hypolimnion	5.0E-03	5.0E-03	5-Nov-97	1997	18	0.1
8-Oct-97	1997	Hypolimnion	4.0E-02	0.47	19-Nov-97	1997	18	0.1
15-Oct-97	1997	Hypolimnion	2.0E-02	0.02	3-Dec-97	1997	18	0.1
21-Oct-97	1997	Hypolimnion	1.0E-02	5.0E-03	1-Jul-98	1998	12	1.2
29-Oct-97	1997	Hypolimnion	0.1	1.7	14-Jul-98	1998	12	1.2
5-Nov-97	1997	Hypolimnion	0.2	1.8	28-Jul-98	1998	12	0.2
19-Nov-97	1997	Hypolimnion	0.2	1.7	11-Aug-98	1998	12	0.2
3-Dec-97	1997	Hypolimnion	0.1	1.6	25-Aug-98	1998	12	1.4
23-Oct-98	1998	0	0.1	1.2	8-Sep-98	1998	12	1.4
26-Oct-98	1998	0	0.1	1.1	22-Sep-98	1998	12	4.4
4-Nov-98	1998	0	0.2	1.1	6-Oct-98	1998	12	0.6
23-Oct-98	1998	6	0.1	1.2	1-Jul-98	1998	15	0.4
26-Oct-98	1998	6	0.1	1.1	14-Jul-98	1998	15	2
4-Nov-98	1998	6	0.1	1.1	28-Jul-98	1998	15	4.6
23-Oct-98	1998	12	0.1	1.2	11-Aug-98	1998	15	3.8
26-Oct-98	1998	12	0.1	1.1	25-Aug-98	1998	15	3.4
4-Nov-98	1998	12	0.2	1.1	8-Sep-98	1998	15	6.6
23-Oct-98	1998	18	0.1	1.2	22-Sep-98	1998	15	7.8
26-Oct-98	1998	18	0.1	1.1	6-Oct-98	1998	15	6
27-Mar-98	1998	Epilimnion	4.0E-02	1.1	16-Jun-98	1998	18	0.2
7-Apr-98	1998	Epilimnion	4.0E-02	1.0	1-Jul-98	1998	18	0.6
21-Apr-98	1998	Epilimnion	4.0E-02	1.0	14-Jul-98	1998	18	2.2
5-May-98	1998	Epilimnion	4.0E-02	1.0	28-Jul-98	1998	18	8.8
19-May-98	1998	Epilimnion	6.0E-02	0.9	11-Aug-98	1998	18	8
2-Jun-98	1998	Epilimnion	0.1	1.1	25-Aug-98	1998	18	6.2
16-Jun-98	1998	Epilimnion	0.1	1.1	8-Sep-98	1998	18	9.4
1-Jul-98	1998	Epilimnion	0.2	1.7	22-Sep-98	1998	18	12.4
14-Jul-98	1998	Epilimnion	0.2	1.7	6-Oct-98	1998	18	7
28-Jul-98	1998	Epilimnion	0.1	1.7	20-Oct-98	1998	18	2.6
11-Aug-98	1998	Epilimnion	0.1	2.1	27-Jul-99	1999	12	0.1
25-Aug-98	1998	Epilimnion	0.1	1.8	10-Aug-99	1999	12	0.6
8-Sep-98	1998	Epilimnion	0.1	1.9	24-Aug-99	1999	12	1.2
22-Sep-98	1998	Epilimnion	0.1	1.9	7-Sep-99	1999	12	1.4
6-Oct-98	1998	Epilimnion	9.5E-02	1.2	21-Sep-99	1999	12	5
20-Oct-98	1998	Epilimnion	0.1	1.2	5-Oct-99	1999	12	1.4
4-Nov-98	1998	Epilimnion	0.1	1.1	13-Jul-99	1999	15	0.2
17-Nov-98	1998	Epilimnion	0.2	1.2	27-Jul-99	1999	15	0.4
2-Dec-98	1998	Epilimnion	0.2	1.5	10-Aug-99	1999	15	3
15-Dec-98	1998	Epilimnion	0.2	1.6	24-Aug-99	1999	15	3

Table I-20 (cont.)

Date	Year	Depth (m)	Nitrite (mg/L)	Nitrate (mg/L)	Date	Year	Depth (m)	Sulfide (mg/L)
27-Mar-98	1998	Hypolimnion	3.0E-02	1.0	7-Sep-99	1999	15	3.4
7-Apr-98	1998	Hypolimnion	3.0E-02	1.0	21-Sep-99	1999	15	7
21-Apr-98	1998	Hypolimnion	4.0E-02	1.0	5-Oct-99	1999	15	6.8
5-May-98	1998	Hypolimnion	3.0E-02	0.9	14-Jun-99	1999	18	0.8
19-May-98	1998	Hypolimnion	4.0E-02	0.8	29-Jun-99	1999	18	1
2-Jun-98	1998	Hypolimnion	4.0E-02	0.8	13-Jul-99	1999	18	2.4
16-Jun-98	1998	Hypolimnion	7.0E-02	0.8	27-Jul-99	1999	18	5.6
1-Jul-98	1998	Hypolimnion	0.2	0.7	10-Aug-99	1999	18	7.2
14-Jul-98	1998	Hypolimnion	0.2	0.1	24-Aug-99	1999	18	4.8
28-Jul-98	1998	Hypolimnion	0.2	0.2	7-Sep-99	1999	18	6.4
11-Aug-98	1998	Hypolimnion	8.0E-02	1.0E-02	21-Sep-99	1999	18	9.2
25-Aug-98	1998	Hypolimnion	2.0E-02	3.0E-02	5-Oct-99	1999	18	9.4
8-Sep-98	1998	Hypolimnion	3.0E-02	5.0E-03	19-Oct-99	1999	18	4.4
22-Sep-98	1998	Hypolimnion	1.0E-02	2.0E-02	11-Jul-00	2000	9	0.1
6-Oct-98	1998	Hypolimnion	2.0E-02	0.4	25-Jul-00	2000	9	0.1
20-Oct-98	1998	Hypolimnion	0.1	1.3	8-Aug-00	2000	9	0.1
4-Nov-98	1998	Hypolimnion	0.2	1.1	21-Aug-00	2000	9	0.1
17-Nov-98	1998	Hypolimnion	0.2	1.2	5-Sep-00	2000	9	0.1
2-Dec-98	1998	Hypolimnion	0.2	1.4	27-Jun-00	2000	12	0.1
15-Dec-98	1998	Hypolimnion	0.2	1.7	11-Jul-00	2000	12	0.1
27-Oct-99	1999	0	0.1	1.0	25-Jul-00	2000	12	0.1
27-Oct-99	1999	6	0.1	1.0	8-Aug-00	2000	12	0.1
27-Oct-99	1999	12	0.1	1.0	21-Aug-00	2000	12	0.1
27-Oct-99	1999	18	0.1	0.9	5-Sep-00	2000	12	0.1
29-Mar-99	1999	Epilimnion	7.0E-02	1.3	19-Sep-00	2000	12	0.1
6-Apr-99	1999	Epilimnion	6.0E-02	1.3	3-Oct-00	2000	12	0.1
20-Apr-99	1999	Epilimnion	6.0E-02	1.2	17-Oct-00	2000	12	0.1
4-May-99	1999	Epilimnion	6.0E-02	1.1	27-Jun-00	2000	15	0.1
18-May-99	1999	Epilimnion	7.0E-02	1.1	11-Jul-00	2000	15	0.1
1-Jun-99	1999	Epilimnion	9.0E-02	1.0	25-Jul-00	2000	15	0.1
14-Jun-99	1999	Epilimnion	0.1	1.2	8-Aug-00	2000	15	0.1
29-Jun-99	1999	Epilimnion	0.1	1.0	21-Aug-00	2000	15	0.1
13-Jul-99	1999	Epilimnion	0.1	1.8	5-Sep-00	2000	15	0.4
27-Jul-99	1999	Epilimnion	0.2	1.9	19-Sep-00	2000	15	2.8
10-Aug-99	1999	Epilimnion	0.1	1.9	3-Oct-00	2000	15	2
24-Aug-99	1999	Epilimnion	0.1	1.8	17-Oct-00	2000	15	2.6
7-Sep-99	1999	Epilimnion	0.1	1.8	13-Jun-00	2000	18	0.1
21-Sep-99	1999	Epilimnion	9.0E-02	1.5	27-Jun-00	2000	18	0.1
5-Oct-99	1999	Epilimnion	9.0E-02	1.5	11-Jul-00	2000	18	0.1
19-Oct-99	1999	Epilimnion	0.1	1.0	25-Jul-00	2000	18	0.1
3-Nov-99	1999	Epilimnion	0.1	0.9	8-Aug-00	2000	18	0.2
16-Nov-99	1999	Epilimnion	0.3	1.1	21-Aug-00	2000	18	2
30-Nov-99	1999	Epilimnion	0.5	1.2	5-Sep-00	2000	18	2
14-Dec-99	1999	Epilimnion	7.5E-02	1.8	19-Sep-00	2000	18	5.8
29-Mar-99	1999	Hypolimnion	8.0E-02	1.3	3-Oct-00	2000	18	3.6
6-Apr-99	1999	Hypolimnion	7.0E-02	1.3	17-Oct-00	2000	18	4
20-Apr-99	1999	Hypolimnion	6.0E-02	1.3	31-Oct-00	2000	18	2.4
4-May-99	1999	Hypolimnion	6.0E-02	1.11	26-Jun-01	2001	15	0.1
18-May-99	1999	Hypolimnion	5.0E-02	1	11-Apr-01	2001	18	0.1
1-Jun-99	1999	Hypolimnion	5.0E-02	0.8	12-Jun-01	2001	18	0.2
14-Jun-99	1999	Hypolimnion	6.0E-02	0.8	26-Jun-01	2001	18	0.1
29-Jun-99	1999	Hypolimnion	4.0E-02	0.4				
13-Jul-99	1999	Hypolimnion	3.0E-02	8.0E-02				
27-Jul-99	1999	Hypolimnion	6.0E-02	3.0E-02				
10-Aug-99	1999	Hypolimnion	5.0E-03	5.0E-03				
24-Aug-99	1999	Hypolimnion	1.0E-02	3.0E-02				
7-Sep-99	1999	Hypolimnion	1.0E-02	2.0E-02				
21-Sep-99	1999	Hypolimnion	2.0E-02	5.0E-03				
5-Oct-99	1999	Hypolimnion	3.0E-02	0.24				
19-Oct-99	1999	Hypolimnion	1.0E-02	2.0E-02				
3-Nov-99	1999	Hypolimnion	0.1	0.9				
16-Nov-99	1999	Hypolimnion	0.3	1.1				
30-Nov-99	1999	Hypolimnion	0.6	1.1				
11-Oct-00	2000	0	0.2	1.2				

Table I-20 (cont.)

Date	Year	Depth (m)	Nitrite (mg/L)	Nitrate (mg/L)
17-Oct-00	2000	0	0.1	1.2
23-Oct-00	2000	0	0.2	1.1
31-Oct-00	2000	0	0.2	1.1
6-Nov-00	2000	0	0.2	1.4
14-Nov-00	2000	0	0.0	1.8
20-Nov-00	2000	0	0.1	1.9
11-Oct-00	2000	3	0.2	1.2
17-Oct-00	2000	3	0.1	1.3
23-Oct-00	2000	3	0.2	1.1
31-Oct-00	2000	3	0.2	1.1
6-Nov-00	2000	3	0.2	1.4
14-Nov-00	2000	3	4.0E-02	1.8
20-Nov-00	2000	3	4.0E-02	1.9
11-Oct-00	2000	6	0.2	1.2
17-Oct-00	2000	6	0.1	1.3
23-Oct-00	2000	6	0.2	1.0
31-Oct-00	2000	6	0.2	1.1
6-Nov-00	2000	6	0.2	1.4
14-Nov-00	2000	6	4.0E-02	1.8
20-Nov-00	2000	6	4.0E-02	1.9
11-Oct-00	2000	9	0.2	1.3
17-Oct-00	2000	9	0.1	1.1
23-Oct-00	2000	9	0.2	1.0
31-Oct-00	2000	9	0.2	1.1
6-Nov-00	2000	9	0.2	1.4
14-Nov-00	2000	9	4.0E-02	1.8
20-Nov-00	2000	9	6.0E-02	1.9
11-Oct-00	2000	12	0.2	1.3
17-Oct-00	2000	12	0.1	0.8
23-Oct-00	2000	12	0.2	1.0
31-Oct-00	2000	12	0.2	1.2
6-Nov-00	2000	12	0.2	1.3
14-Nov-00	2000	12	4.0E-02	1.8
20-Nov-00	2000	12	4.0E-02	1.9
11-Oct-00	2000	15	5.0E-03	5.0E-03
17-Oct-00	2000	15	1.0E-02	5.0E-03
23-Oct-00	2000	15	5.0E-03	5.0E-03
31-Oct-00	2000	15	0.2	1.1
6-Nov-00	2000	15	0.2	1.3
14-Nov-00	2000	15	4.0E-02	1.8
20-Nov-00	2000	15	4.0E-02	1.9
11-Oct-00	2000	18	5.0E-03	5.0E-03
17-Oct-00	2000	18	1.0E-02	5.0E-02
23-Oct-00	2000	18	3.0E-02	5.0E-03
31-Oct-00	2000	18	1.0E-02	5.0E-03
6-Nov-00	2000	18	0.2	1.3
14-Nov-00	2000	18	5.0E-02	1.7
20-Nov-00	2000	18	4.0E-02	2.0
7-Mar-00	2000	Epilimnion	4.0E-02	1.8
21-Mar-00	2000	Epilimnion	4.0E-02	1.8
11-Apr-00	2000	Epilimnion	5.0E-02	1.5
18-Apr-00	2000	Epilimnion	5.0E-02	1.4
2-May-00	2000	Epilimnion	5.0E-02	1.3
16-May-00	2000	Epilimnion	6.0E-02	1.2
30-May-00	2000	Epilimnion	7.5E-02	1.12
13-Jun-00	2000	Epilimnion	9.0E-02	1.1
27-Jun-00	2000	Epilimnion	0.1	1.1
11-Jul-00	2000	Epilimnion	0.1	1.6
25-Jul-00	2000	Epilimnion	9.0E-02	1.7
26-Jul-00	2000	Epilimnion		1.6
8-Aug-00	2000	Epilimnion	8.5E-02	1.5
21-Aug-00	2000	Epilimnion	0.1	1.2

Table I-20 (cont.)

Date	Year	Depth (m)	Nitrite (mg/L)	Nitrate (mg/L)
5-Sep-00	2000	Epilimnion	0.1	1.3
19-Sep-00	2000	Epilimnion	0.2	1.2
3-Oct-00	2000	Epilimnion	0.15	1.4
17-Oct-00	2000	Epilimnion	0.1	1.3
31-Oct-00	2000	Epilimnion	0.2	1.1
14-Nov-00	2000	Epilimnion	3.5E-02	1.8
28-Nov-00	2000	Epilimnion	4.0E-02	2.0
7-Mar-00	2000	Hypolimnion	3.0E-02	1.7
21-Mar-00	2000	Hypolimnion	4.0E-02	1.7
11-Apr-00	2000	Hypolimnion	6.0E-02	1.5
18-Apr-00	2000	Hypolimnion	4.0E-02	1.4
2-May-00	2000	Hypolimnion	5.0E-02	1.3
16-May-00	2000	Hypolimnion	5.0E-02	1.3
30-May-00	2000	Hypolimnion	8.0E-02	1.1
13-Jun-00	2000	Hypolimnion	6.0E-02	1.2
27-Jun-00	2000	Hypolimnion	5.0E-02	1.4
11-Jul-00	2000	Hypolimnion	0.1	1.4
25-Jul-00	2000	Hypolimnion	0.2	0.9
8-Aug-00	2000	Hypolimnion	0.1	0.6
21-Aug-00	2000	Hypolimnion	0.2	0.2
5-Sep-00	2000	Hypolimnion	0.1	0.1
19-Sep-00	2000	Hypolimnion	4.0E-02	0.1
3-Oct-00	2000	Hypolimnion	1.0E-02	3.0E-02
17-Oct-00	2000	Hypolimnion	6.0E-02	0.3
31-Oct-00	2000	Hypolimnion	0.1	0.7
14-Nov-00	2000	Hypolimnion	4.0E-02	1.8
28-Nov-00	2000	Hypolimnion	3.0E-02	2.0
22-Feb-01	2001	Epilimnion	4.0E-02	2.1
11-Apr-01	2001	Epilimnion	3.5E-02	1.4
18-Apr-01	2001	Epilimnion	3.5E-02	1.3
30-Apr-01	2001	Epilimnion	4.0E-02	1.4
15-May-01	2001	Epilimnion	8.0E-02	1.3
29-May-01	2001	Epilimnion	9.0E-02	1.4
12-Jun-01	2001	Epilimnion	0.1	2.0
26-Jun-01	2001	Epilimnion	0.1	1.8
22-Feb-01	2001	Hypolimnion	3.0E-02	1.9
11-Apr-01	2001	Hypolimnion	3.0E-02	1.3
18-Apr-01	2001	Hypolimnion	3.0E-02	1.2
30-Apr-01	2001	Hypolimnion	3.0E-02	1.3
15-May-01	2001	Hypolimnion	4.0E-02	1.2
29-May-01	2001	Hypolimnion	5.0E-02	1.1
12-Jun-01	2001	Hypolimnion	5.0E-02	0.9
26-Jun-01	2001	Hypolimnion	9.0E-02	1.0

Table I-20 (cont.)

Date	Year	Depth (m)	Phosphorus (mg/L)	Date	Year	Depth (m)	Basin	Secchi Disc Value (m)
	NORTH BASIN			13-Sep-00	2000	Nearshore	Bloody Brook	1.3
10-Apr-97	1997	0	7.9E-02	15-Sep-00	2000	Nearshore	Bloody Brook	1.2
30-Jun-97	1997	0	4.3E-02	19-Sep-00	2000	Nearshore	Bloody Brook	1.5
23-Sep-97	1997	0	0.3	27-Nov-00	2000	Nearshore	Bloody Brook	1.0
19-Nov-97	1997	0	0.2	28-Nov-00	2000	Nearshore	Bloody Brook	1.4
10-Apr-97	1997	3	7.5E-02	29-Nov-00	2000	Nearshore	Bloody Brook	1.6
30-Jun-97	1997	3	5.5E-02	20-Jun-01	2001	Nearshore	Bloody Brook	1.0
23-Sep-97	1997	3	6.9E-02	29-Jun-00	2000	Nearshore	Creek Outlet at Hiawatha	0.6
19-Nov-97	1997	3	0.2	21-Aug-00	2000	Nearshore	Creek Outlet at Hiawatha	0.9
10-Apr-97	1997	6	7.1E-02	19-Sep-00	2000	Nearshore	Creek Outlet at Hiawatha	1.2
30-Jun-97	1997	6	2.8E-02	20-Jun-01	2001	Nearshore	Creek Outlet at Hiawatha	1.4
23-Sep-97	1997	6	6.8E-02	2-May-00	2000	Nearshore	Eastside	1.7
19-Nov-97	1997	6	0.2	10-May-00	2000	Nearshore	Eastside	1.2
10-Apr-97	1997	9	6.9E-02	16-May-00	2000	Nearshore	Eastside	1.0
30-Jun-97	1997	9	0.1	24-May-00	2000	Nearshore	Eastside	1.9
23-Sep-97	1997	9	0.2	30-May-00	2000	Nearshore	Eastside	1.9
19-Nov-97	1997	9	0.2	8-Jun-00	2000	Nearshore	Eastside	1.9
10-Apr-97	1997	12	7.0E-02	13-Jun-00	2000	Nearshore	Eastside	1.1
30-Jun-97	1997	12	0.3	21-Jun-00	2000	Nearshore	Eastside	2.8
23-Sep-97	1997	12	0.5	27-Jun-00	2000	Nearshore	Eastside	3.0
19-Nov-97	1997	12	0.2	29-Jun-00	2000	Nearshore	Eastside	3.8
10-Apr-97	1997	15	7.0E-02	6-Jul-00	2000	Nearshore	Eastside	2.9
30-Jun-97	1997	15	0.3	11-Jul-00	2000	Nearshore	Eastside	2.9
23-Sep-97	1997	15	0.6	19-Jul-00	2000	Nearshore	Eastside	2.8
19-Nov-97	1997	15	0.2	25-Jul-00	2000	Nearshore	Eastside	2.2
10-Apr-97	1997	18	7.3E-02	2-Aug-00	2000	Nearshore	Eastside	1.9
30-Jun-97	1997	18	0.4	8-Aug-00	2000	Nearshore	Eastside	1.5
23-Sep-97	1997	18	0.7	16-Aug-00	2000	Nearshore	Eastside	1.5
19-Nov-97	1997	18	0.1	21-Aug-00	2000	Nearshore	Eastside	1.4
7-Apr-98	1998	0	4.1E-02	30-Aug-00	2000	Nearshore	Eastside	1.4
1-Jul-98	1998	0	5.8E-02	5-Sep-00	2000	Nearshore	Eastside	1.3
22-Sep-98	1998	0	4.9E-02	13-Sep-00	2000	Nearshore	Eastside	1.5
17-Nov-98	1998	0	0.2	14-Sep-00	2000	Nearshore	Eastside	1.7
22-Sep-98	1998	1	4.7E-02	15-Sep-00	2000	Nearshore	Eastside	1.7
7-Apr-98	1998	3	4.7E-02	19-Sep-00	2000	Nearshore	Eastside	1.7
1-Jul-98	1998	3	6.7E-02	28-Sep-00	2000	Nearshore	Eastside	1.8
22-Sep-98	1998	3	4.4E-02	30-Apr-01	2001	Nearshore	Eastside	1.4
17-Nov-98	1998	3	0.2	9-May-01	2001	Nearshore	Eastside	1.3
7-Apr-98	1998	6	4.5E-02	15-May-01	2001	Nearshore	Eastside	1.7
1-Jul-98	1998	6	6.3E-02	23-May-01	2001	Nearshore	Eastside	1.2
22-Sep-98	1998	6	2.9E-02	29-May-01	2001	Nearshore	Eastside	1.0
17-Nov-98	1998	6	0.2	6-Jun-01	2001	Nearshore	Eastside	1.1
7-Apr-98	1998	9	4.2E-02	12-Jun-01	2001	Nearshore	Eastside	1.0
1-Jul-98	1998	9	6.9E-02	20-Jun-01	2001	Nearshore	Eastside	1.0
22-Sep-98	1998	9	2.7E-02	26-Jun-01	2001	Nearshore	Eastside	1.8
17-Nov-98	1998	9	0.2	12-Apr-99	1999	1.7405	Harbor Brook	1.5
7-Apr-98	1998	12	4.3E-02	13-Apr-99	1999	1.7405	Harbor Brook	1.3
1-Jul-98	1998	12	0.2	14-Apr-99	1999	1.7405	Harbor Brook	1.3
22-Sep-98	1998	12	0.5	1-Jun-99	1999	1.7405	Harbor Brook	2.0
17-Nov-98	1998	12	0.2	29-Jun-99	1999	1.7405	Harbor Brook	1.1
7-Apr-98	1998	15	4.3E-02	30-Jun-99	1999	1.7405	Harbor Brook	1.6
1-Jul-98	1998	15	0.3	1-Jul-99	1999	Nearshore	Harbor Brook	1.6
22-Sep-98	1998	15	0.7	2-Jul-99	1999	Nearshore	Harbor Brook	1.1
17-Nov-98	1998	15	0.2	13-Jul-99	1999	Nearshore	Harbor Brook	1.3
7-Apr-98	1998	18	4.0E-02	27-Jul-99	1999	Nearshore	Harbor Brook	0.6
1-Jul-98	1998	18	0.4	10-Aug-99	1999	Nearshore	Harbor Brook	1.0
22-Sep-98	1998	18	0.8	7-Sep-99	1999	Nearshore	Harbor Brook	1.0
17-Nov-98	1998	18	0.2	15-Sep-99	1999	Nearshore	Harbor Brook	1.6
6-Apr-99	1999	0	8.3E-02	28-Sep-99	1999	Nearshore	Harbor Brook	1.8
13-Jul-99	1999	0	4.3E-02	14-Oct-99	1999	Nearshore	Harbor Brook	1.3
21-Sep-99	1999	0	3.6E-02	15-Oct-99	1999	Nearshore	Harbor Brook	1.4
30-Nov-99	1999	0	0.2	16-Oct-99	1999	Nearshore	Harbor Brook	1.7
6-Apr-99	1999	3	8.3E-02	11-May-00	2000	Nearshore	Harbor Brook	0.9
13-Jul-99	1999	3	4.5E-02	12-May-00	2000	Nearshore	Harbor Brook	0.9

Table I-20 (cont.)

Date	Year	Depth (m)	Phosphorus (mg/L)	Date	Year	Depth (m)	Basin	Secchi Disc Value (m)
21-Sep-99	1999	3	3.4E-02	13-May-00	2000	Nearshore	Harbor Brook	0.5
30-Nov-99	1999	3	0.2	29-Jun-00	2000	Nearshore	Harbor Brook	1.1
6-Apr-99	1999	6	7.9E-02	22-Jul-00	2000	Nearshore	Harbor Brook	0.8
13-Jul-99	1999	6	4.8E-02	23-Jul-00	2000	Nearshore	Harbor Brook	1.3
21-Sep-99	1999	6	3.5E-02	24-Jul-00	2000	Nearshore	Harbor Brook	0.9
30-Nov-99	1999	6	0.2	25-Jul-00	2000	Nearshore	Harbor Brook	0.8
6-Apr-99	1999	9	8.1E-02	21-Aug-00	2000	Nearshore	Harbor Brook	1.1
13-Jul-99	1999	9	0.2	13-Sep-00	2000	Nearshore	Harbor Brook	0.4
21-Sep-99	1999	9	3.3E-02	14-Sep-00	2000	Nearshore	Harbor Brook	1.2
30-Nov-99	1999	9	0.2	15-Sep-00	2000	Nearshore	Harbor Brook	0.9
6-Apr-99	1999	12	8.5E-02	19-Sep-00	2000	Nearshore	Harbor Brook	0.7
13-Jul-99	1999	12	0.3	27-Nov-00	2000	Nearshore	Harbor Brook	1.6
21-Sep-99	1999	12	0.2	28-Nov-00	2000	Nearshore	Harbor Brook	2.2
30-Nov-99	1999	12	0.2	29-Nov-00	2000	Nearshore	Harbor Brook	2.5
6-Apr-99	1999	15	8.2E-02	20-Jun-01	2001	Nearshore	Harbor Brook	2.1
13-Jul-99	1999	15	0.5	12-Apr-99	1999	2.0886	Ley Creek	1.2
21-Sep-99	1999	15	0.4	13-Apr-99	1999	2.0886	Ley Creek	1.2
30-Nov-99	1999	15	0.2	14-Apr-99	1999	2.0886	Ley Creek	1.2
6-Apr-99	1999	18	0.1	1-Jun-99	1999	2.0886	Ley Creek	1.6
13-Jul-99	1999	18	0.5	29-Jun-99	1999	2.0886	Ley Creek	1.0
21-Sep-99	1999	18	0.6	30-Jun-99	1999	2.0886	Ley Creek	1.0
30-Nov-99	1999	18	0.2	1-Jul-99	1999	Nearshore	Ley Creek	1.0
11-Apr-00	2000	0	7.0E-02	2-Jul-99	1999	Nearshore	Ley Creek	1.0
27-Jun-00	2000	0	3.2E-02	13-Jul-99	1999	Nearshore	Ley Creek	1.1
19-Sep-00	2000	0	4.9E-02	27-Jul-99	1999	Nearshore	Ley Creek	0.6
11-Apr-00	2000	3	7.5E-02	10-Aug-99	1999	Nearshore	Ley Creek	0.7
27-Jun-00	2000	3	4.0E-02	28-Sep-99	1999	Nearshore	Ley Creek	1.1
19-Sep-00	2000	3	4.0E-02	14-Oct-99	1999	Nearshore	Ley Creek	1.2
11-Apr-00	2000	6	7.8E-02	15-Oct-99	1999	Nearshore	Ley Creek	0.8
27-Jun-00	2000	6	5.1E-02	16-Oct-99	1999	Nearshore	Ley Creek	0.9
19-Sep-00	2000	6	3.9E-02	11-May-00	2000	Nearshore	Ley Creek	1.2
7-Mar-00	2000	9	8.8E-02	12-May-00	2000	Nearshore	Ley Creek	0.6
21-Mar-00	2000	9	8.3E-02	13-May-00	2000	Nearshore	Ley Creek	0.3
11-Apr-00	2000	9	7.6E-02	29-Jun-00	2000		Ley Creek	1.1
27-Jun-00	2000	9	7.4E-02	22-Jul-00	2000	Nearshore	Ley Creek	0.8
19-Sep-00	2000	9	3.4E-02	23-Jul-00	2000	Nearshore	Ley Creek	1.1
11-Apr-00	2000	12	6.1E-02	24-Jul-00	2000	Nearshore	Ley Creek	0.7
27-Jun-00	2000	12	0.1	25-Jul-00	2000		Ley Creek	1.2
19-Sep-00	2000	12	0.3	21-Aug-00	2000		Ley Creek	1.2
11-Apr-00	2000	15	7.6E-02	13-Sep-00	2000		Ley Creek	0.4
27-Jun-00	2000	15	0.3	14-Sep-00	2000		Ley Creek	0.6
19-Sep-00	2000	15	0.6	15-Sep-00	2000		Ley Creek	0.8
11-Apr-00	2000	18	7.5E-02	19-Sep-00	2000		Ley Creek	1.3
27-Jun-00	2000	18	0.3	27-Nov-00	2000	Nearshore	Ley Creek	0.9
19-Sep-00	2000	18	0.7	28-Nov-00	2000	Nearshore	Ley Creek	2.0
26-Jul-00	2000	Epi	3.4E-02	29-Nov-00	2000	Nearshore	Ley Creek	1.9
24-Aug-00	2000	Epi	5.4E-02	20-Jun-01	2001		Ley Creek	1.0
27-Sep-00	2000	Epi	6.6E-02	12-Apr-99	1999	2.4367	Maple Bay	1.5
26-Jul-00	2000	Hypo	0.3	13-Apr-99	1999	2.4367	Maple Bay	1.3
24-Aug-00	2000	Hypo	0.4	14-Apr-99	1999	2.4367	Maple Bay	1.1
27-Sep-00	2000	Hypo	0.5	4-May-99	1999	2.4367	Maple Bay	1.0
18-Apr-01	2001	0	6.7E-02	12-May-99	1999	2.4367	Maple Bay	1.4
26-Jun-01	2001	0	2.5E-02	18-May-99	1999	2.4367	Maple Bay	2.8
18-Apr-01	2001	3	0.1	26-May-99	1999	2.4367	Maple Bay	1.9
26-Jun-01	2001	3	3.8E-02	1-Jun-99	1999	2.4367	Maple Bay	1.7
18-Apr-01	2001	6	6.8E-02	9-Jun-99	1999	2.4367	Maple Bay	2.4
26-Jun-01	2001	6	4.1E-02	14-Jun-99	1999	2.4367	Maple Bay	1.0
18-Apr-01	2001	9	7.2E-02	23-Jun-99	1999	2.4367	Maple Bay	1.2
26-Jun-01	2001	9	9.2E-02	29-Jun-99	1999	2.4367	Maple Bay	2.5
18-Apr-01	2001	12	8.4E-02	30-Jun-99	1999	2.4367	Maple Bay	1.5
26-Jun-01	2001	12	0.2	1-Jul-99	1999	Nearshore	Maple Bay	1.9
18-Apr-01	2001	15	0.2	2-Jul-99	1999	Nearshore	Maple Bay	1.4
26-Jun-01	2001	15	0.2	7-Jul-99	1999	Nearshore	Maple Bay	1.8
18-Apr-01	2001	18	0.3	13-Jul-99	1999	Nearshore	Maple Bay	1.3

Table I-20 (cont.)

Date	Year	Depth (m)	Phosphorus (mg/L)	Date	Year	Depth (m)	Basin	Secchi Disc Value (m)
26-Jun-01	2001	18	0.3	21-Jul-99	1999	Nearshore	Maple Bay	1.4
SOUTH BASIN				27-Jul-99	1999	Nearshore	Maple Bay	1.2
27-Mar-97	1997	0	0.1	4-Aug-99	1999	Nearshore	Maple Bay	1.1
10-Apr-97	1997	0	7.2E-02	10-Aug-99	1999	2.4367	Maple Bay	1.1
23-Apr-97	1997	0	5.9E-02	10-Aug-99	1999	Nearshore	Maple Bay	1.1
8-May-97	1997	0	7.3E-02	19-Aug-99	1999	Nearshore	Maple Bay	1.3
21-May-97	1997	0	8.2E-02	24-Aug-99	1999	Nearshore	Maple Bay	1.1
4-Jun-97	1997	0	0.1	1-Sep-99	1999	Nearshore	Maple Bay	1.4
18-Jun-97	1997	0	5.1E-02	7-Sep-99	1999	2.4367	Maple Bay	1.1
30-Jun-97	1997	0	5.1E-02	7-Sep-99	1999	Nearshore	Maple Bay	1.6
16-Jul-97	1997	0	3.3E-02	15-Sep-99	1999	2.4367	Maple Bay	1.5
30-Jul-97	1997	0	4.6E-02	15-Sep-99	1999	Nearshore	Maple Bay	1.5
14-Aug-97	1997	0	5.0E-02	23-Sep-99	1999	Nearshore	Maple Bay	1.8
27-Aug-97	1997	0	5.0E-02	28-Sep-99	1999	Nearshore	Maple Bay	1.2
10-Sep-97	1997	0	5.4E-02	14-Oct-99	1999	Nearshore	Maple Bay	1.4
23-Sep-97	1997	0	7.8E-02	15-Oct-99	1999	Nearshore	Maple Bay	1.6
8-Oct-97	1997	0	0.1	16-Oct-99	1999	Nearshore	Maple Bay	1.8
15-Oct-97	1997	0	0.1	2-May-00	2000	Nearshore	Maple Bay	1.6
21-Oct-97	1997	0	0.1	10-May-00	2000	Nearshore	Maple Bay	1.1
29-Oct-97	1997	0	0.2	11-May-00	2000	Nearshore	Maple Bay	2.0
5-Nov-97	1997	0	0.2	12-May-00	2000	Nearshore	Maple Bay	1.1
19-Nov-97	1997	0	0.2	13-May-00	2000	Nearshore	Maple Bay	1.1
3-Dec-97	1997	0	0.2	16-May-00	2000	Nearshore	Maple Bay	1.2
4-Jun-97	1997	1	8.6E-02	24-May-00	2000	Nearshore	Maple Bay	1.5
18-Jun-97	1997	1	4.4E-02	30-May-00	2000	Nearshore	Maple Bay	1.9
16-Jul-97	1997	1	3.6E-02	8-Jun-00	2000	Nearshore	Maple Bay	2.0
14-Aug-97	1997	1	5.2E-02	13-Jun-00	2000	Nearshore	Maple Bay	1.3
27-Aug-97	1997	1	3.5E-02	21-Jun-00	2000	Nearshore	Maple Bay	2.7
10-Sep-97	1997	1	8.1E-02	27-Jun-00	2000	Nearshore	Maple Bay	3.3
23-Sep-97	1997	1	7.2E-02	29-Jun-00	2000	Nearshore	Maple Bay	2.4
8-Oct-97	1997	1	0.1	6-Jul-00	2000	Nearshore	Maple Bay	2.0
27-Mar-97	1997	3	0.1	11-Jul-00	2000	Nearshore	Maple Bay	1.9
10-Apr-97	1997	3	7.3E-02	19-Jul-00	2000	2.4367	Maple Bay	2.2
23-Apr-97	1997	3	6.3E-02	22-Jul-00	2000	Nearshore	Maple Bay	1.9
8-May-97	1997	3	7.6E-02	23-Jul-00	2000	Nearshore	Maple Bay	2.4
21-May-97	1997	3	8.7E-02	24-Jul-00	2000	Nearshore	Maple Bay	1.2
4-Jun-97	1997	3	8.7E-02	25-Jul-00	2000	Nearshore	Maple Bay	1.5
18-Jun-97	1997	3	4.6E-02	2-Aug-00	2000	Nearshore	Maple Bay	1.8
30-Jun-97	1997	3	5.7E-02	8-Aug-00	2000	Nearshore	Maple Bay	1.7
16-Jul-97	1997	3	4.0E-02	16-Aug-00	2000	Nearshore	Maple Bay	1.2
30-Jul-97	1997	3	4.4E-02	21-Aug-00	2000	Nearshore	Maple Bay	1.3
14-Aug-97	1997	3	4.2E-02	30-Aug-00	2000	Nearshore	Maple Bay	1.6
27-Aug-97	1997	3	4.8E-02	5-Sep-00	2000	Nearshore	Maple Bay	1.9
10-Sep-97	1997	3	5.9E-02	13-Sep-00	2000	Nearshore	Maple Bay	1.3
23-Sep-97	1997	3	8.6E-02	14-Sep-00	2000	Nearshore	Maple Bay	1.8
8-Oct-97	1997	3	0.1	15-Sep-00	2000	Nearshore	Maple Bay	1.6
15-Oct-97	1997	3	0.1	19-Sep-00	2000	Nearshore	Maple Bay	1.8
21-Oct-97	1997	3	0.1	28-Sep-00	2000	Nearshore	Maple Bay	2.1
29-Oct-97	1997	3	0.2	27-Nov-00	2000	Nearshore	Maple Bay	2.4
5-Nov-97	1997	3	0.2	28-Nov-00	2000	Nearshore	Maple Bay	2.5
19-Nov-97	1997	3	0.2	29-Nov-00	2000	Nearshore	Maple Bay	2.2
3-Dec-97	1997	3	0.2	30-Apr-01	2001	Nearshore	Maple Bay	1.0
27-Mar-97	1997	6	0.1	9-May-01	2001	Nearshore	Maple Bay	1.5
10-Apr-97	1997	6	7.4E-02	15-May-01	2001	Nearshore	Maple Bay	1.4
23-Apr-97	1997	6	6.6E-02	23-May-01	2001	Nearshore	Maple Bay	1.2
8-May-97	1997	6	7.5E-02	29-May-01	2001	Nearshore	Maple Bay	1.7
21-May-97	1997	6	7.6E-02	6-Jun-01	2001	Nearshore	Maple Bay	1.2
4-Jun-97	1997	6	8.1E-02	12-Jun-01	2001	Nearshore	Maple Bay	0.8
18-Jun-97	1997	6	6.6E-02	20-Jun-01	2001	Nearshore	Maple Bay	1.0
30-Jun-97	1997	6	7.0E-02	26-Jun-01	2001	Nearshore	Maple Bay	1.5
16-Jul-97	1997	6	4.6E-02	12-Apr-99	1999	1.0443	Metro Effluent	0.9
30-Jul-97	1997	6	3.1E-02	13-Apr-99	1999	1.0443	Metro Effluent	0.9
14-Aug-97	1997	6	4.5E-02	14-Apr-99	1999	1.0443	Metro Effluent	1.2
27-Aug-97	1997	6	3.6E-02	1-Jun-99	1999	1.0443	Metro Effluent	1.2

Table I-20 (cont.)

Date	Year	Depth (m)	Phosphorus (mg/L)	Date	Year	Depth (m)	Basin	Secchi Disc Value (m)
10-Sep-97	1997	6	4.6E-02	29-Jun-99	1999	1.0443	Metro Effluent	1.3
23-Sep-97	1997	6	7.1E-02	30-Jun-99	1999	1.0443	Metro Effluent	1.4
8-Oct-97	1997	6	0.1	1-Jul-99	1999	Nearshore	Metro Effluent	1.1
15-Oct-97	1997	6	0.1	2-Jul-99	1999	Nearshore	Metro Effluent	1.2
21-Oct-97	1997	6	0.1	13-Jul-99	1999	Nearshore	Metro Effluent	1.3
29-Oct-97	1997	6	0.2	27-Jul-99	1999	Nearshore	Metro Effluent	0.6
5-Nov-97	1997	6	0.2	10-Aug-99	1999	Nearshore	Metro Effluent	0.7
19-Nov-97	1997	6	0.2	28-Sep-99	1999	Nearshore	Metro Effluent	1.6
3-Dec-97	1997	6	0.2	14-Oct-99	1999	Nearshore	Metro Effluent	1.0
27-Mar-97	1997	9	0.1	15-Oct-99	1999	Nearshore	Metro Effluent	1.1
10-Apr-97	1997	9	8.1E-02	16-Oct-99	1999	Nearshore	Metro Effluent	1.3
23-Apr-97	1997	9	5.1E-02	11-May-00	2000	Nearshore	Metro Effluent	0.9
8-May-97	1997	9	7.2E-02	12-May-00	2000	Nearshore	Metro Effluent	0.9
21-May-97	1997	9	7.7E-02	13-May-00	2000	Nearshore	Metro Effluent	0.3
4-Jun-97	1997	9	8.4E-02	22-Jul-00	2000	Nearshore	Metro Effluent	1.1
18-Jun-97	1997	9	9.5E-02	23-Jul-00	2000	Nearshore	Metro Effluent	1.7
30-Jun-97	1997	9	0.1	24-Jul-00	2000	Nearshore	Metro Effluent	1.2
16-Jul-97	1997	9	2.5E-02	27-Nov-00	2000	Nearshore	Metro Effluent	1.9
30-Jul-97	1997	9	9.8E-02	28-Nov-00	2000	Nearshore	Metro Effluent	1.9
14-Aug-97	1997	9	0.1	29-Nov-00	2000	Nearshore	Metro Effluent	1.9
27-Aug-97	1997	9	3.2E-02	29-Jun-00	2000	Nearshore	Metro Outfal	1.8
10-Sep-97	1997	9	5.6E-02	25-Jul-00	2000	Nearshore	Metro Outfal	0.8
23-Sep-97	1997	9	7.0E-02	21-Aug-00	2000	Nearshore	Metro Outfal	1.2
8-Oct-97	1997	9	0.1	13-Sep-00	2000	Nearshore	Metro Outfal	0.7
15-Oct-97	1997	9	0.1	14-Sep-00	2000	Nearshore	Metro Outfal	1.3
21-Oct-97	1997	9	0.1	15-Sep-00	2000	Nearshore	Metro Outfal	0.9
29-Oct-97	1997	9	0.2	19-Sep-00	2000	Nearshore	Metro Outfal	0.8
5-Nov-97	1997	9	0.2	20-Jun-01	2001	Nearshore	Metro Outfal	1.0
19-Nov-97	1997	9	0.2	12-Apr-99	1999	3.481	Ninemile Creek	1.6
3-Dec-97	1997	9	0.2	13-Apr-99	1999	3.481	Ninemile Creek	1.4
27-Mar-97	1997	12	0.1	14-Apr-99	1999	3.481	Ninemile Creek	1.2
10-Apr-97	1997	12	6.8E-02	4-May-99	1999	3.481	Ninemile Creek	0.9
23-Apr-97	1997	12	5.0E-02	12-May-99	1999	3.481	Ninemile Creek	1.8
8-May-97	1997	12	7.0E-02	18-May-99	1999	3.481	Ninemile Creek	3.5
21-May-97	1997	12	7.3E-02	26-May-99	1999	3.481	Ninemile Creek	2.3
4-Jun-97	1997	12	9.8E-02	1-Jun-99	1999	3.481	Ninemile Creek	1.9
18-Jun-97	1997	12	0.2	9-Jun-99	1999	3.481	Ninemile Creek	1.5
30-Jun-97	1997	12	0.2	14-Jun-99	1999	3.481	Ninemile Creek	1.7
16-Jul-97	1997	12	0.1	23-Jun-99	1999	3.481	Ninemile Creek	1.6
30-Jul-97	1997	12	0.3	29-Jun-99	1999	3.481	Ninemile Creek	2.0
14-Aug-97	1997	12	0.3	30-Jun-99	1999	3.481	Ninemile Creek	2.5
27-Aug-97	1997	12	0.4	1-Jul-99	1999	Nearshore	Ninemile Creek	2.4
10-Sep-97	1997	12	0.4	2-Jul-99	1999	Nearshore	Ninemile Creek	1.2
23-Sep-97	1997	12	0.5	7-Jul-99	1999	Nearshore	Ninemile Creek	1.8
8-Oct-97	1997	12	0.2	13-Jul-99	1999	Nearshore	Ninemile Creek	1.6
15-Oct-97	1997	12	0.4	21-Jul-99	1999	Nearshore	Ninemile Creek	0.6
21-Oct-97	1997	12	0.1	27-Jul-99	1999	Nearshore	Ninemile Creek	1.1
29-Oct-97	1997	12	0.2	4-Aug-99	1999	Nearshore	Ninemile Creek	0.9
5-Nov-97	1997	12	0.2	19-Aug-99	1999	Nearshore	Ninemile Creek	0.9
19-Nov-97	1997	12	0.2	24-Aug-99	1999	Nearshore	Ninemile Creek	1.2
3-Dec-97	1997	12	0.2	1-Sep-99	1999	Nearshore	Ninemile Creek	1.5
27-Mar-97	1997	15	0.1	23-Sep-99	1999	Nearshore	Ninemile Creek	1.2
10-Apr-97	1997	15	7.4E-02	28-Sep-99	1999	Nearshore	Ninemile Creek	1.6
23-Apr-97	1997	15	4.7E-02	14-Oct-99	1999	Nearshore	Ninemile Creek	1.5
8-May-97	1997	15	7.2E-02	15-Oct-99	1999	Nearshore	Ninemile Creek	1.4
21-May-97	1997	15	7.2E-02	16-Oct-99	1999	Nearshore	Ninemile Creek	1.7
4-Jun-97	1997	15	0.1	2-May-00	2000	Nearshore	Ninemile Creek	1.0
18-Jun-97	1997	15	0.3	10-May-00	2000	Nearshore	Ninemile Creek	1.1
30-Jun-97	1997	15	0.3	11-May-00	2000	Nearshore	Ninemile Creek	1.4
16-Jul-97	1997	15	0.4	12-May-00	2000	Nearshore	Ninemile Creek	0.8
30-Jul-97	1997	15	0.5	13-May-00	2000	Nearshore	Ninemile Creek	1.0
14-Aug-97	1997	15	0.4	16-May-00	2000	Nearshore	Ninemile Creek	1.1
27-Aug-97	1997	15	0.6	24-May-00	2000	Nearshore	Ninemile Creek	1.5
10-Sep-97	1997	15	0.5	30-May-00	2000	Nearshore	Ninemile Creek	1.9

Table I-20 (cont.)

Date	Year	Depth (m)	Phosphorus (mg/L)	Date	Year	Depth (m)	Basin	Secchi Disc Value (m)
23-Sep-97	1997	15	0.6	8-Jun-00	2000	Nearshore	Ninemile Creek	2.0
8-Oct-97	1997	15	0.7	13-Jun-00	2000	Nearshore	Ninemile Creek	0.8
15-Oct-97	1997	15	0.6	21-Jun-00	2000	Nearshore	Ninemile Creek	1.5
21-Oct-97	1997	15	0.4	27-Jun-00	2000	Nearshore	Ninemile Creek	2.5
29-Oct-97	1997	15	0.2	29-Jun-00	2000	Nearshore	Ninemile Creek	2.9
5-Nov-97	1997	15	0.2	6-Jul-00	2000	Nearshore	Ninemile Creek	1.7
19-Nov-97	1997	15	0.2	11-Jul-00	2000	Nearshore	Ninemile Creek	1.5
3-Dec-97	1997	15	0.2	19-Jul-00	2000	Nearshore	Ninemile Creek	1.5
27-Mar-97	1997	18	0.1	23-Jul-00	2000	Nearshore	Ninemile Creek	1.7
10-Apr-97	1997	18	8.3E-02	24-Jul-00	2000	Nearshore	Ninemile Creek	1.8
23-Apr-97	1997	18	4.2E-02	25-Jul-00	2000	Nearshore	Ninemile Creek	1.3
8-May-97	1997	18	6.9E-02	2-Aug-00	2000	Nearshore	Ninemile Creek	1.6
21-May-97	1997	18	7.3E-02	8-Aug-00	2000	Nearshore	Ninemile Creek	1.2
4-Jun-97	1997	18	0.2	16-Aug-00	2000	Nearshore	Ninemile Creek	1.4
18-Jun-97	1997	18	0.3	21-Aug-00	2000	Nearshore	Ninemile Creek	1.2
30-Jun-97	1997	18	0.4	30-Aug-00	2000	Nearshore	Ninemile Creek	1.6
16-Jul-97	1997	18	0.7	5-Sep-00	2000	Nearshore	Ninemile Creek	1.2
30-Jul-97	1997	18	0.5	13-Sep-00	2000	Nearshore	Ninemile Creek	1.5
14-Aug-97	1997	18	0.6	14-Sep-00	2000	Nearshore	Ninemile Creek	1.4
27-Aug-97	1997	18	0.9	15-Sep-00	2000	Nearshore	Ninemile Creek	1.6
10-Sep-97	1997	18	0.8	19-Sep-00	2000	Nearshore	Ninemile Creek	1.4
23-Sep-97	1997	18	0.8	28-Sep-00	2000	Nearshore	Ninemile Creek	1.5
8-Oct-97	1997	18	0.6	27-Nov-00	2000	Nearshore	Ninemile Creek	2.3
15-Oct-97	1997	18	0.7	28-Nov-00	2000	Nearshore	Ninemile Creek	2.0
21-Oct-97	1997	18	0.6	29-Nov-00	2000	Nearshore	Ninemile Creek	2.0
29-Oct-97	1997	18	0.2	30-Apr-01	2001	Nearshore	Ninemile Creek	0.8
5-Nov-97	1997	18	0.2	9-May-01	2001	Nearshore	Ninemile Creek	1.6
19-Nov-97	1997	18	0.2	15-May-01	2001	Nearshore	Ninemile Creek	1.3
3-Dec-97	1997	18	0.2	23-May-01	2001	Nearshore	Ninemile Creek	1.3
27-Mar-98	1998	0	7.1E-02	29-May-01	2001	Nearshore	Ninemile Creek	1.0
7-Apr-98	1998	0	6.7E-02	6-Jun-01	2001	Nearshore	Ninemile Creek	1.1
21-Apr-98	1998	0	5.4E-02	12-Jun-01	2001	Nearshore	Ninemile Creek	1.4
5-May-98	1998	0	5.1E-02	20-Jun-01	2001	Nearshore	Ninemile Creek	2.0
19-May-98	1998	0	1.1E-02	26-Jun-01	2001	Nearshore	Ninemile Creek	1.5
2-Jun-98	1998	0	6.6E-02	10-Apr-97	1997	Epilimnion	North	1.1
16-Jun-98	1998	0	6.0E-02	30-Jun-97	1997	Epilimnion	North	3.4
1-Jul-98	1998	0	4.8E-02	23-Sep-97	1997	Epilimnion	North	1.8
14-Jul-98	1998	0	6.7E-02	19-Nov-97	1997	Epilimnion	North	3.4
28-Jul-98	1998	0	3.9E-02	7-Apr-98	1998	Epilimnion	North	2.0
11-Aug-98	1998	0	3.3E-02	1-Jul-98	1998	Epilimnion	North	1.3
25-Aug-98	1998	0	4.4E-02	22-Sep-98	1998	Epilimnion	North	1.3
8-Sep-98	1998	0	4.8E-02	17-Nov-98	1998	Epilimnion	North	3.8
22-Sep-98	1998	0	5.2E-02	6-Apr-99	1999	Epilimnion	North	1.7
6-Oct-98	1998	0	0.1	13-Jul-99	1999	Epilimnion	North	1.8
20-Oct-98	1998	0	0.2	21-Sep-99	1999	Epilimnion	North	1.8
23-Oct-98	1998	0	0.2	30-Nov-99	1999	Epilimnion	North	1.9
26-Oct-98	1998	0	0.2	11-Apr-00	2000	Epilimnion	North	1.3
4-Nov-98	1998	0	0.2	27-Jun-00	2000	0	North	5.1
17-Nov-98	1998	0	0.2	27-Jun-00	2000	Epilimnion	North	5.1
2-Dec-98	1998	0	0.2	19-Sep-00	2000	Epilimnion	North	1.5
15-Dec-98	1998	0	0.2	14-Nov-00	2000	Epilimnion	North	1.8
2-Jun-98	1998	1	6.1E-02	18-Apr-01	2001	Epilimnion	North	1.0
16-Jun-98	1998	1	7.5E-02	26-Jun-01	2001	Epilimnion	North	2.7
1-Jul-98	1998	1	6.7E-02	12-Apr-99	1999	2.50632	Onondaga Lake Park	1.3
14-Jul-98	1998	1	0.1	13-Apr-99	1999	2.50632	Onondaga Lake Park	1.4
28-Jul-98	1998	1	3.8E-02	14-Apr-99	1999	2.50632	Onondaga Lake Park	1.2
11-Aug-98	1998	1	3.1E-02	4-May-99	1999	2.50632	Onondaga Lake Park	1.3
25-Aug-98	1998	1	5.1E-02	12-May-99	1999	2.50632	Onondaga Lake Park	1.9
8-Sep-98	1998	1	4.8E-02	18-May-99	1999	2.50632	Onondaga Lake Park	2.3
22-Sep-98	1998	1	5.6E-02	26-May-99	1999	2.50632	Onondaga Lake Park	1.0
27-Mar-98	1998	3	6.7E-02	1-Jun-99	1999	2.50632	Onondaga Lake Park	1.2
7-Apr-98	1998	3	7.0E-02	9-Jun-99	1999	2.50632	Onondaga Lake Park	1.1
21-Apr-98	1998	3	5.7E-02	14-Jun-99	1999	2.50632	Onondaga Lake Park	1.3
5-May-98	1998	3	6.1E-02	23-Jun-99	1999	2.50632	Onondaga Lake Park	1.3

Table I-20 (cont.)

Date	Year	Depth (m)	Phosphorus (mg/L)	Date	Year	Depth (m)	Basin	Secchi Disc Value (m)
19-May-98	1998	3	5.4E-02	29-Jun-99	1999	2.50632	Onondaga Lake Park	1.3
2-Jun-98	1998	3	6.4E-02	30-Jun-99	1999	2.50632	Onondaga Lake Park	3.1
16-Jun-98	1998	3	8.3E-02	1-Jul-99	1999	Nearshore	Onondaga Lake Park	1.7
1-Jul-98	1998	3	5.4E-02	2-Jul-99	1999	Nearshore	Onondaga Lake Park	2.1
14-Jul-98	1998	3	6.0E-02	7-Jul-99	1999	Nearshore	Onondaga Lake Park	1.7
28-Jul-98	1998	3	4.4E-02	13-Jul-99	1999	Nearshore	Onondaga Lake Park	2.0
11-Aug-98	1998	3	4.1E-02	21-Jul-99	1999	Nearshore	Onondaga Lake Park	1.1
25-Aug-98	1998	3	4.5E-02	27-Jul-99	1999	Nearshore	Onondaga Lake Park	1.4
8-Sep-98	1998	3	5.0E-02	4-Aug-99	1999	Nearshore	Onondaga Lake Park	0.8
22-Sep-98	1998	3	5.1E-02	10-Aug-99	1999	Nearshore	Onondaga Lake Park	0.5
6-Oct-98	1998	3	0.1	19-Aug-99	1999	Nearshore	Onondaga Lake Park	1.2
20-Oct-98	1998	3	0.2	24-Aug-99	1999	Nearshore	Onondaga Lake Park	1.2
23-Oct-98	1998	3	0.2	1-Sep-99	1999	Nearshore	Onondaga Lake Park	1.6
26-Oct-98	1998	3	0.2	23-Sep-99	1999	Nearshore	Onondaga Lake Park	1.7
4-Nov-98	1998	3	0.2	28-Sep-99	1999	Nearshore	Onondaga Lake Park	1.5
17-Nov-98	1998	3	0.2	14-Oct-99	1999	Nearshore	Onondaga Lake Park	1.3
2-Dec-98	1998	3	0.2	15-Oct-99	1999	Nearshore	Onondaga Lake Park	1.4
15-Dec-98	1998	3	0.2	16-Oct-99	1999	Nearshore	Onondaga Lake Park	1.6
27-Mar-98	1998	6	6.6E-02	11-May-00	2000	Nearshore	Onondaga Lake Park	1.9
7-Apr-98	1998	6	7.2E-02	12-May-00	2000	Nearshore	Onondaga Lake Park	1.1
21-Apr-98	1998	6	5.7E-02	13-May-00	2000	Nearshore	Onondaga Lake Park	1.0
5-May-98	1998	6	5.0E-02	22-Jul-00	2000	Nearshore	Onondaga Lake Park	2.0
19-May-98	1998	6	7.0E-02	23-Jul-00	2000	Nearshore	Onondaga Lake Park	3.2
2-Jun-98	1998	6	6.3E-02	24-Jul-00	2000	Nearshore	Onondaga Lake Park	2.9
16-Jun-98	1998	6	8.5E-02	27-Nov-00	2000	Nearshore	Onondaga Lake Park	1.8
1-Jul-98	1998	6	6.8E-02	28-Nov-00	2000	Nearshore	Onondaga Lake Park	2.3
14-Jul-98	1998	6	4.8E-02	29-Nov-00	2000	Nearshore	Onondaga Lake Park	2.6
28-Jul-98	1998	6	3.4E-02	27-Mar-97	1997	Epilimnion	South	1.0
11-Aug-98	1998	6	6.7E-02	10-Apr-97	1997	Epilimnion	South	1.2
25-Aug-98	1998	6	4.9E-02	23-Apr-97	1997	Epilimnion	South	2.1
8-Sep-98	1998	6	5.0E-02	8-May-97	1997	Epilimnion	South	2.1
22-Sep-98	1998	6	5.2E-02	21-May-97	1997	Epilimnion	South	2.8
6-Oct-98	1998	6	0.1	4-Jun-97	1997	Epilimnion	South	7.5
20-Oct-98	1998	6	0.2	18-Jun-97	1997	Epilimnion	South	5.2
23-Oct-98	1998	6	0.2	30-Jun-97	1997	Epilimnion	South	3.4
26-Oct-98	1998	6	0.2	16-Jul-97	1997	Epilimnion	South	1.7
4-Nov-98	1998	6	0.2	30-Jul-97	1997	Epilimnion	South	1.2
17-Nov-98	1998	6	0.2	14-Aug-97	1997	Epilimnion	South	1.9
2-Dec-98	1998	6	0.2	27-Aug-97	1997	Epilimnion	South	2.0
15-Dec-98	1998	6	0.2	10-Sep-97	1997	Epilimnion	South	2.0
27-Mar-98	1998	9	6.2E-02	23-Sep-97	1997	Epilimnion	South	1.8
7-Apr-98	1998	9	6.4E-02	8-Oct-97	1997	Epilimnion	South	1.2
21-Apr-98	1998	9	5.7E-02	21-Oct-97	1997	Epilimnion	South	1.3
5-May-98	1998	9	3.9E-02	5-Nov-97	1997	Epilimnion	South	2.0
19-May-98	1998	9	8.5E-02	19-Nov-97	1997	Epilimnion	South	3.4
2-Jun-98	1998	9	0.1	3-Dec-97	1997	Epilimnion	South	4.7
16-Jun-98	1998	9	9.6E-02	27-Mar-98	1998	Epilimnion	South	1.9
1-Jul-98	1998	9	0.1	7-Apr-98	1998	Epilimnion	South	1.5
14-Jul-98	1998	9	9.5E-02	21-Apr-98	1998	Epilimnion	South	1.8
28-Jul-98	1998	9	0.2	5-May-98	1998	Epilimnion	South	5.7
11-Aug-98	1998	9	0.1	19-May-98	1998	Epilimnion	South	3.5
25-Aug-98	1998	9	0.2	2-Jun-98	1998	Epilimnion	South	2.0
8-Sep-98	1998	9	4.0E-02	16-Jun-98	1998	Epilimnion	South	1.8
22-Sep-98	1998	9	3.0E-02	1-Jul-98	1998	Epilimnion	South	1.3
6-Oct-98	1998	9	0.2	14-Jul-98	1998	Epilimnion	South	1.0
20-Oct-98	1998	9	0.2	28-Jul-98	1998	Epilimnion	South	2.6
23-Oct-98	1998	9	0.2	11-Aug-98	1998	Epilimnion	South	2.6
26-Oct-98	1998	9	0.2	25-Aug-98	1998	Epilimnion	South	2.3
4-Nov-98	1998	9	0.2	8-Sep-98	1998	Epilimnion	South	1.7
17-Nov-98	1998	9	0.2	22-Sep-98	1998	Epilimnion	South	1.1
2-Dec-98	1998	9	0.2	6-Oct-98	1998	Epilimnion	South	5.2
15-Dec-98	1998	9	0.2	20-Oct-98	1998	Epilimnion	South	4.9
27-Mar-98	1998	12	6.5E-02	4-Nov-98	1998	Epilimnion	South	4.6
7-Apr-98	1998	12	6.3E-02	17-Nov-98	1998	Epilimnion	South	4.3

Table I-20 (cont.)

Date	Year	Depth (m)	Phosphorus (mg/L)	Date	Year	Depth (m)	Basin	Secchi Disc Value (m)
21-Apr-98	1998	12	5.4E-02	2-Dec-98	1998	Epilimnion	South	3.6
5-May-98	1998	12	4.7E-02	15-Dec-98	1998	Epilimnion	South	4.2
19-May-98	1998	12	0.1	29-Mar-99	1999	Epilimnion	South	1.7
2-Jun-98	1998	12	0.2	6-Apr-99	1999	Epilimnion	South	1.1
16-Jun-98	1998	12	0.1	20-Apr-99	1999	Epilimnion	South	1.5
1-Jul-98	1998	12	0.2	4-May-99	1999	0	South	1.9
14-Jul-98	1998	12	0.2	4-May-99	1999	Epilimnion	South	1.9
28-Jul-98	1998	12	0.2	12-May-99	1999	0	South	7.2
11-Aug-98	1998	12	0.3	18-May-99	1999	Epilimnion	South	7.9
25-Aug-98	1998	12	0.7	26-May-99	1999	0	South	5.0
8-Sep-98	1998	12	0.4	1-Jun-99	1999	Epilimnion	South	4.8
22-Sep-98	1998	12	0.5	9-Jun-99	1999	0	South	1.6
6-Oct-98	1998	12	0.3	14-Jun-99	1999	Epilimnion	South	1.2
20-Oct-98	1998	12	0.2	23-Jun-99	1999	0	South	2.3
23-Oct-98	1998	12	0.2	29-Jun-99	1999	Epilimnion	South	4.2
26-Oct-98	1998	12	0.2	7-Jul-99	1999	0	South	2.0
4-Nov-98	1998	12	0.2	7-Jul-99	1999	Bio Photic	South	2.0
17-Nov-98	1998	12	0.2	7-Jul-99	1999	Epilimnion	South	2.0
2-Dec-98	1998	12	0.2	13-Jul-99	1999	0	South	1.2
15-Dec-98	1998	12	0.2	13-Jul-99	1999	Epilimnion	South	1.2
27-Mar-98	1998	15	5.5E-02	21-Jul-99	1999	0	South	0.9
7-Apr-98	1998	15	6.7E-02	27-Jul-99	1999	Epilimnion	South	0.5
21-Apr-98	1998	15	5.8E-02	4-Aug-99	1999	0	South	0.6
5-May-98	1998	15	6.1E-02	10-Aug-99	1999	Epilimnion	South	0.7
19-May-98	1998	15	0.2	19-Aug-99	1999	0	South	1.0
2-Jun-98	1998	15	0.2	24-Aug-99	1999	Epilimnion	South	1.2
16-Jun-98	1998	15	0.2	7-Sep-99	1999	Epilimnion	South	1.6
1-Jul-98	1998	15	0.3	15-Sep-99	1999	0	South	1.8
14-Jul-98	1998	15	0.4	21-Sep-99	1999	Epilimnion	South	1.8
28-Jul-98	1998	15	0.6	23-Sep-99	1999	0	South	1.7
11-Aug-98	1998	15	0.5	30-Sep-99	1999	0	South	1.9
25-Aug-98	1998	15	1.4	30-Sep-99	1999	Bio Photic	South	1.9
8-Sep-98	1998	15	0.7	30-Sep-99	1999	Epilimnion	South	1.9
22-Sep-98	1998	15	0.7	5-Oct-99	1999	Epilimnion	South	1.8
6-Oct-98	1998	15	0.8	19-Oct-99	1999	Epilimnion	South	1.9
20-Oct-98	1998	15	0.2	27-Oct-99	1999	Epilimnion	South	2.2
23-Oct-98	1998	15	0.2	3-Nov-99	1999	Epilimnion	South	1.6
26-Oct-98	1998	15	0.2	16-Nov-99	1999	Epilimnion	South	1.9
4-Nov-98	1998	15	0.2	30-Nov-99	1999	Epilimnion	South	1.8
17-Nov-98	1998	15	0.2	14-Dec-99	1999	Epilimnion	South	2.7
2-Dec-98	1998	15	0.2	7-Mar-00	2000	Epilimnion	South	0.9
15-Dec-98	1998	15	0.2	21-Mar-00	2000	Epilimnion	South	1.8
27-Mar-98	1998	18	8.1E-02	11-Apr-00	2000	Epilimnion	South	1.1
7-Apr-98	1998	18	4.1E-02	18-Apr-00	2000	Epilimnion	South	2.2
21-Apr-98	1998	18	6.4E-02	2-May-00	2000	Epilimnion	South	1.1
5-May-98	1998	18	0.1	10-May-00	2000	0	South	1.0
19-May-98	1998	18	0.3	16-May-00	2000	Epilimnion	South	0.5
2-Jun-98	1998	18	0.3	30-May-00	2000	Epilimnion	South	1.4
16-Jun-98	1998	18	0.3	8-Jun-00	2000	0	South	2.0
1-Jul-98	1998	18	0.5	13-Jun-00	2000	Epilimnion	South	1.1
14-Jul-98	1998	18	0.5	21-Jun-00	2000	0	South	2.9
28-Jul-98	1998	18	0.8	27-Jun-00	2000	0	South	3.9
11-Aug-98	1998	18	0.7	27-Jun-00	2000	Epilimnion	South	3.9
25-Aug-98	1998	18	1.7	29-Jun-00	2000	0	South	4.2
8-Sep-98	1998	18	0.9	6-Jul-00	2000	0	South	3.1
22-Sep-98	1998	18	0.9	11-Jul-00	2000	Epilimnion	South	3.2
6-Oct-98	1998	18	0.9	19-Jul-00	2000	0	South	2.8
20-Oct-98	1998	18	0.6	25-Jul-00	2000	Epilimnion	South	2.2
23-Oct-98	1998	18	0.2	2-Aug-00	2000	0	South	1.5
26-Oct-98	1998	18	0.2	8-Aug-00	2000	Epilimnion	South	1.5
4-Nov-98	1998	18	0.2	16-Aug-00	2000	0	South	1.3
17-Nov-98	1998	18	0.2	21-Aug-00	2000	Epilimnion	South	1.3
2-Dec-98	1998	18	0.2	30-Aug-00	2000	0	South	1.2
15-Dec-98	1998	18	0.2	5-Sep-00	2000	Epilimnion	South	1.8

Table I-20 (cont.)

Date	Year	Depth (m)	Phosphorus (mg/L)	Date	Year	Depth (m)	Basin	Secchi Disc Value (m)
29-Mar-99	1999	0	9.0E-02	13-Sep-00	2000	0	South	1.8
6-Apr-99	1999	0	7.2E-02	19-Sep-00	2000	Epilimnion	South	1.6
20-Apr-99	1999	0	5.1E-02	28-Sep-00	2000	0	South	2.2
4-May-99	1999	0	4.2E-02	3-Oct-00	2000	Epilimnion	South	1.2
18-May-99	1999	0	5.1E-02	17-Oct-00	2000	Epilimnion	South	1.5
1-Jun-99	1999	0	6.9E-02	31-Oct-00	2000	Epilimnion	South	1.4
14-Jun-99	1999	0	6.2E-02	14-Nov-00	2000	Epilimnion	South	2.0
29-Jun-99	1999	0	5.0E-02	28-Nov-00	2000	Epilimnion	South	2.0
13-Jul-99	1999	0	5.9E-02	11-Apr-01	2001	Epilimnion	South	0.5
27-Jul-99	1999	0	6.9E-02	18-Apr-01	2001	Epilimnion	South	1.2
10-Aug-99	1999	0	8.3E-02	30-Apr-01	2001	Epilimnion	South	0.5
24-Aug-99	1999	0	4.9E-02	23-May-01	2001	0	South	2.3
7-Sep-99	1999	0	3.7E-02	29-May-01	2001	Epilimnion	South	3.7
21-Sep-99	1999	0	4.0E-02	6-Jun-01	2001	0	South	4.3
5-Oct-99	1999	0	6.8E-02	12-Jun-01	2001	Epilimnion	South	3.6
19-Oct-99	1999	0	0.1	20-Jun-01	2001	0	South	4.4
27-Oct-99	1999	0	0.2	26-Jun-01	2001	Epilimnion	South	3.2
28-Oct-99	1999	0	0.2	22-Feb-01	2001	Epilimnion	Unknown	0.7
3-Nov-99	1999	0	0.2	12-Apr-99	1999	2.95885	Willow Bay	1.5
16-Nov-99	1999	0	0.2	13-Apr-99	1999	2.95885	Willow Bay	1.5
30-Nov-99	1999	0	0.2	14-Apr-99	1999	2.95885	Willow Bay	1.2
14-Dec-99	1999	0	0.2	4-May-99	1999	2.95885	Willow Bay	1.4
1-Jun-99	1999	1	5.6E-02	12-May-99	1999	2.95885	Willow Bay	1.3
14-Jun-99	1999	1	6.3E-02	18-May-99	1999	2.95885	Willow Bay	1.2
29-Jun-99	1999	1	4.7E-02	26-May-99	1999	2.95885	Willow Bay	1.6
13-Jul-99	1999	1	6.0E-02	1-Jun-99	1999	2.95885	Willow Bay	1.7
27-Jul-99	1999	1	6.8E-02	9-Jun-99	1999	2.95885	Willow Bay	1.6
10-Aug-99	1999	1	8.5E-02	14-Jun-99	1999	2.95885	Willow Bay	1.4
24-Aug-99	1999	1	6.3E-02	23-Jun-99	1999	2.95885	Willow Bay	1.5
7-Sep-99	1999	1	1.6E-02	29-Jun-99	1999	2.95885	Willow Bay	1.6
21-Sep-99	1999	1	3.4E-02	30-Jun-99	1999	2.95885	Willow Bay	1.7
16-Nov-99	1999	1		1-Jul-99	1999	Nearshore	Willow Bay	1.6
29-Mar-99	1999	3	0.1	2-Jul-99	1999	Nearshore	Willow Bay	1.6
6-Apr-99	1999	3	8.3E-02	7-Jul-99	1999	Nearshore	Willow Bay	1.7
20-Apr-99	1999	3	6.1E-02	13-Jul-99	1999	Nearshore	Willow Bay	1.6
4-May-99	1999	3	5.1E-02	21-Jul-99	1999	Nearshore	Willow Bay	1.5
18-May-99	1999	3	4.9E-02	27-Jul-99	1999	Nearshore	Willow Bay	1.5
1-Jun-99	1999	3	6.1E-02	4-Aug-99	1999	Nearshore	Willow Bay	1.0
14-Jun-99	1999	3	6.4E-02	10-Aug-99	1999	Nearshore	Willow Bay	0.9
29-Jun-99	1999	3	6.8E-02	19-Aug-99	1999	Nearshore	Willow Bay	1.3
13-Jul-99	1999	3	5.5E-02	24-Aug-99	1999	Nearshore	Willow Bay	1.1
27-Jul-99	1999	3	6.5E-02	1-Sep-99	1999	Nearshore	Willow Bay	1.6
10-Aug-99	1999	3	7.8E-02	7-Sep-99	1999	Nearshore	Willow Bay	1.6
24-Aug-99	1999	3	4.0E-02	15-Sep-99	1999	Nearshore	Willow Bay	1.4
7-Sep-99	1999	3	3.3E-02	23-Sep-99	1999	Nearshore	Willow Bay	1.6
21-Sep-99	1999	3	3.7E-02	28-Sep-99	1999	Nearshore	Willow Bay	1.3
5-Oct-99	1999	3	6.7E-02	14-Oct-99	1999	Nearshore	Willow Bay	1.4
19-Oct-99	1999	3	0.1	15-Oct-99	1999	Nearshore	Willow Bay	1.8
27-Oct-99	1999	3		16-Oct-99	1999	Nearshore	Willow Bay	1.5
28-Oct-99	1999	3	0.2	2-May-00	2000	Nearshore	Willow Bay	1.9
3-Nov-99	1999	3	0.2	10-May-00	2000	Nearshore	Willow Bay	1.1
16-Nov-99	1999	3	0.2	11-May-00	2000	Nearshore	Willow Bay	1.9
30-Nov-99	1999	3	0.2	12-May-00	2000	Nearshore	Willow Bay	1.2
14-Dec-99	1999	3	0.2	13-May-00	2000	Nearshore	Willow Bay	1.2
29-Mar-99	1999	6	9.6E-02	16-May-00	2000	Nearshore	Willow Bay	1.0
6-Apr-99	1999	6	8.6E-02	24-May-00	2000	Nearshore	Willow Bay	1.9
20-Apr-99	1999	6	5.9E-02	30-May-00	2000	Nearshore	Willow Bay	2.1
4-May-99	1999	6	5.0E-02	8-Jun-00	2000	Nearshore	Willow Bay	1.8
18-May-99	1999	6	5.5E-02	13-Jun-00	2000	Nearshore	Willow Bay	1.0
1-Jun-99	1999	6	5.5E-02	21-Jun-00	2000	Nearshore	Willow Bay	2.9
14-Jun-99	1999	6	7.2E-02	27-Jun-00	2000	Nearshore	Willow Bay	2.1
29-Jun-99	1999	6	5.7E-02	29-Jun-00	2000	Nearshore	Willow Bay	2.3
13-Jul-99	1999	6	5.5E-02	6-Jul-00	2000	Nearshore	Willow Bay	2.3
27-Jul-99	1999	6	2.5E-02	11-Jul-00	2000	Nearshore	Willow Bay	1.7

Table I-20 (cont.)

Date	Year	Depth (m)	Phosphorus (mg/L)	Date	Year	Depth (m)	Basin	Secchi Disc Value (m)
10-Aug-99	1999	6	6.3E-02	19-Jul-00	2000	Nearshore	Willow Bay	2.0
24-Aug-99	1999	6	3.9E-02	22-Jul-00	2000	Nearshore	Willow Bay	2.0
7-Sep-99	1999	6	2.9E-02	23-Jul-00	2000	Nearshore	Willow Bay	1.7
21-Sep-99	1999	6	3.6E-02	24-Jul-00	2000	Nearshore	Willow Bay	1.8
5-Oct-99	1999	6	6.6E-02	25-Jul-00	2000	Nearshore	Willow Bay	1.6
19-Oct-99	1999	6	0.1	2-Aug-00	2000	Nearshore	Willow Bay	1.8
27-Oct-99	1999	6	0.2	8-Aug-00	2000	Nearshore	Willow Bay	1.6
28-Oct-99	1999	6	0.2	16-Aug-00	2000	Nearshore	Willow Bay	1.6
3-Nov-99	1999	6	0.2	21-Aug-00	2000	Nearshore	Willow Bay	1.3
16-Nov-99	1999	6	0.2	30-Aug-00	2000	Nearshore	Willow Bay	1.5
30-Nov-99	1999	6	0.2	5-Sep-00	2000	Nearshore	Willow Bay	1.8
14-Dec-99	1999	6	0.2	13-Sep-00	2000	Nearshore	Willow Bay	1.6
29-Mar-99	1999	9	9.6E-02	14-Sep-00	2000	Nearshore	Willow Bay	1.6
6-Apr-99	1999	9	8.3E-02	15-Sep-00	2000	Nearshore	Willow Bay	1.7
20-Apr-99	1999	9	5.8E-02	19-Sep-00	2000	Nearshore	Willow Bay	1.7
4-May-99	1999	9	4.3E-02	28-Sep-00	2000	Nearshore	Willow Bay	2.3
18-May-99	1999	9	7.6E-02	27-Nov-00	2000	Nearshore	Willow Bay	2.1
1-Jun-99	1999	9	8.6E-02	28-Nov-00	2000	Nearshore	Willow Bay	1.7
14-Jun-99	1999	9	0.1	29-Nov-00	2000	Nearshore	Willow Bay	2.0
29-Jun-99	1999	9	6.2E-02	30-Apr-01	2001	Nearshore	Willow Bay	1.7
13-Jul-99	1999	9	0.2	9-May-01	2001	Nearshore	Willow Bay	1.5
27-Jul-99	1999	9	4.2E-02	15-May-01	2001	Nearshore	Willow Bay	1.5
10-Aug-99	1999	9	7.5E-02	23-May-01	2001	Nearshore	Willow Bay	1.9
24-Aug-99	1999	9	5.2E-02	29-May-01	2001	Nearshore	Willow Bay	1.1
7-Sep-99	1999	9	2.5E-02	6-Jun-01	2001	Nearshore	Willow Bay	1.4
21-Sep-99	1999	9	3.5E-02	12-Jun-01	2001	Nearshore	Willow Bay	1.3
5-Oct-99	1999	9	6.7E-02	20-Jun-01	2001	Nearshore	Willow Bay	1.0
19-Oct-99	1999	9	0.1	26-Jun-01	2001	Nearshore	Willow Bay	1.9
27-Oct-99	1999	9						
28-Oct-99	1999	9	0.2					
3-Nov-99	1999	9	0.2					
16-Nov-99	1999	9	0.2					
30-Nov-99	1999	9	0.2					
14-Dec-99	1999	9	0.2					
29-Mar-99	1999	12	9.7E-02					
6-Apr-99	1999	12	8.7E-02					
20-Apr-99	1999	12	5.1E-02					
4-May-99	1999	12	3.6E-02					
18-May-99	1999	12	0.1					
1-Jun-99	1999	12	0.2					
14-Jun-99	1999	12	0.2					
29-Jun-99	1999	12	0.3					
13-Jul-99	1999	12	0.4					
27-Jul-99	1999	12	0.3					
10-Aug-99	1999	12	0.4					
24-Aug-99	1999	12	0.4					
7-Sep-99	1999	12	0.4					
21-Sep-99	1999	12	0.4					
5-Oct-99	1999	12	0.4					
19-Oct-99	1999	12	0.1					
27-Oct-99	1999	12	0.2					
28-Oct-99	1999	12	0.2					
3-Nov-99	1999	12	0.2					
16-Nov-99	1999	12	0.2					
30-Nov-99	1999	12	0.2					
14-Dec-99	1999	12	0.2					
29-Mar-99	1999	15	0.1					
6-Apr-99	1999	15	0.1					
20-Apr-99	1999	15	4.8E-02					
4-May-99	1999	15	4.2E-02					
18-May-99	1999	15	0.2					
1-Jun-99	1999	15	0.2					
14-Jun-99	1999	15	0.3					
29-Jun-99	1999	15	0.3					

Table I-20 (cont.)

Date	Year	Depth (m)	Phosphorus (mg/L)	Date	Year	Depth (m)	Basin	Secchi Disc Value (m)
13-Jul-99	1999	15	0.4					
27-Jul-99	1999	15	0.4					
10-Aug-99	1999	15	0.6					
24-Aug-99	1999	15	0.5					
7-Sep-99	1999	15	0.4					
21-Sep-99	1999	15	0.5					
5-Oct-99	1999	15	0.6					
19-Oct-99	1999	15	0.1					
27-Oct-99	1999	15						
28-Oct-99	1999	15	0.2					
3-Nov-99	1999	15	0.2					
16-Nov-99	1999	15	0.2					
30-Nov-99	1999	15	0.2					
14-Dec-99	1999	15	0.2					
29-Mar-99	1999	18	0.1					
6-Apr-99	1999	18	0.1					
20-Apr-99	1999	18	4.6E-02					
4-May-99	1999	18	0.2					
18-May-99	1999	18	0.3					
1-Jun-99	1999	18	0.3					
14-Jun-99	1999	18	0.4					
29-Jun-99	1999	18	0.6					
13-Jul-99	1999	18	0.7					
27-Jul-99	1999	18	0.6					
10-Aug-99	1999	18	0.7					
24-Aug-99	1999	18	0.6					
7-Sep-99	1999	18	0.5					
21-Sep-99	1999	18	0.6					
5-Oct-99	1999	18	0.8					
19-Oct-99	1999	18	0.6					
27-Oct-99	1999	18	0.2					
28-Oct-99	1999	18	0.2					
3-Nov-99	1999	18	0.2					
16-Nov-99	1999	18	0.2					
30-Nov-99	1999	18	0.2					
14-Dec-99	1999	18	0.2					
7-Mar-00	2000	0	8.1E-02					
21-Mar-00	2000	0	8.4E-02					
11-Apr-00	2000	0	7.7E-02					
18-Apr-00	2000	0	0.1					
2-May-00	2000	0	5.6E-02					
16-May-00	2000	0	7.9E-02					
30-May-00	2000	0	4.3E-02					
13-Jun-00	2000	0	4.6E-02					
27-Jun-00	2000	0	3.1E-02					
11-Jul-00	2000	0	4.2E-02					
25-Jul-00	2000	0	1.6E-02					
8-Aug-00	2000	0	4.6E-02					

Table I-20 cont.

Date	Year	Depth (m)	Phosphorus (mg/L)
21-Aug-00	2000	0	4.5E-02
5-Sep-00	2000	0	3.2E-02
19-Sep-00	2000	0	6.2E-02
13-Jun-00	2000	1	5.4E-02
27-Jun-00	2000	1	3.9E-02
11-Jul-00	2000	1	4.8E-02
26-Jul-00	2000	1	5.6E-02
8-Aug-00	2000	1	4.7E-02
21-Aug-00	2000	1	4.4E-02
5-Sep-00	2000	1	3.1E-02
19-Sep-00	2000	1	5.8E-02
7-Mar-00	2000	3	8.9E-02
21-Mar-00	2000	3	8.5E-02
11-Apr-00	2000	3	7.6E-02
18-Apr-00	2000	3	7.0E-02
2-May-00	2000	3	5.9E-02
16-May-00	2000	3	6.3E-02
30-May-00	2000	3	5.8E-02
13-Jun-00	2000	3	5.9E-02
27-Jun-00	2000	3	3.0E-02
11-Jul-00	2000	3	4.6E-02
25-Jul-00	2000	3	3.2E-02
8-Aug-00	2000	3	4.6E-02
21-Aug-00	2000	3	4.5E-02
5-Sep-00	2000	3	3.2E-02
19-Sep-00	2000	3	5.6E-02
7-Mar-00	2000	6	8.5E-02
21-Mar-00	2000	6	8.5E-02
11-Apr-00	2000	6	8.1E-02
18-Apr-00	2000	6	7.1E-02
2-May-00	2000	6	5.7E-02
16-May-00	2000	6	5.4E-02
30-May-00	2000	6	3.9E-02
13-Jun-00	2000	6	5.5E-02
27-Jun-00	2000	6	4.1E-02
11-Jul-00	2000	6	4.0E-02
25-Jul-00	2000	6	3.7E-02
8-Aug-00	2000	6	5.4E-02
21-Aug-00	2000	6	4.1E-02
5-Sep-00	2000	6	3.1E-02
19-Sep-00	2000	6	4.8E-02
11-Apr-00	2000	9	7.4E-02
18-Apr-00	2000	9	6.8E-02
2-May-00	2000	9	5.5E-02
16-May-00	2000	9	3.9E-02
30-May-00	2000	9	5.0E-02
13-Jun-00	2000	9	4.7E-02
27-Jun-00	2000	9	5.0E-02
11-Jul-00	2000	9	8.6E-02
25-Jul-00	2000	9	5.7E-02
8-Aug-00	2000	9	2.2E-02
21-Aug-00	2000	9	3.8E-02
5-Sep-00	2000	9	3.1E-02
19-Sep-00	2000	9	4.0E-02
7-Mar-00	2000	12	0.1
21-Mar-00	2000	12	8.2E-02
11-Apr-00	2000	12	8.0E-02
18-Apr-00	2000	12	0.1
2-May-00	2000	12	6.2E-02
16-May-00	2000	12	4.5E-02
30-May-00	2000	12	7.1E-02
13-Jun-00	2000	12	6.2E-02
27-Jun-00	2000	12	8.3E-02
11-Jul-00	2000	12	0.1
25-Jul-00	2000	12	0.2

Table I-20 cont.

Date	Year	Depth (m)	Phosphorus (mg/L)
8-Aug-00	2000	12	0.2
21-Aug-00	2000	12	0.3
5-Sep-00	2000	12	0.3
19-Sep-00	2000	12	0.2
7-Mar-00	2000	15	0.2
21-Mar-00	2000	15	8.4E-02
11-Apr-00	2000	15	7.7E-02
18-Apr-00	2000	15	0.1
2-May-00	2000	15	5.5E-02
16-May-00	2000	15	5.3E-02
30-May-00	2000	15	0.1
13-Jun-00	2000	15	0.2
27-Jun-00	2000	15	0.2
11-Jul-00	2000	15	0.3
25-Jul-00	2000	15	0.3
8-Aug-00	2000	15	0.4
21-Aug-00	2000	15	0.4
5-Sep-00	2000	15	0.4
19-Sep-00	2000	15	0.6
7-Mar-00	2000	18	0.2
21-Mar-00	2000	18	0.2
11-Apr-00	2000	18	7.7E-02
18-Apr-00	2000	18	7.5E-02
2-May-00	2000	18	7.4E-02
16-May-00	2000	18	6.1E-02
30-May-00	2000	18	0.2
13-Jun-00	2000	18	0.2
27-Jun-00	2000	18	0.3
11-Jul-00	2000	18	0.3
25-Jul-00	2000	18	0.4
8-Aug-00	2000	18	0.5
21-Aug-00	2000	18	0.6
5-Sep-00	2000	18	0.5
19-Sep-00	2000	18	0.7
11-Apr-01	2001	0	7.4E-02
18-Apr-01	2001	0	5.9E-02
30-Apr-01	2001	0	7.0E-02
15-May-01	2001	0	6.6E-02
29-May-01	2001	0	3.8E-02
12-Jun-01	2001	0	4.2E-02
26-Jun-01	2001	0	2.8E-02
12-Jun-01	2001	1	4.5E-02
26-Jun-01	2001	1	2.8E-02
11-Apr-01	2001	3	9.3E-02
18-Apr-01	2001	3	5.9E-02
30-Apr-01	2001	3	8.9E-02
15-May-01	2001	3	7.3E-02
29-May-01	2001	3	4.7E-02
12-Jun-01	2001	3	3.3E-02
26-Jun-01	2001	3	3.4E-02
11-Apr-01	2001	6	5.9E-02
18-Apr-01	2001	6	6.0E-02
30-Apr-01	2001	6	4.4E-02
15-May-01	2001	6	4.0E-02
29-May-01	2001	6	4.4E-02
12-Jun-01	2001	6	6.4E-02
26-Jun-01	2001	6	5.4E-02
26-Jun-01	2001	6	8.4E-02
11-Apr-01	2001	9	8.1E-02

Table I-20 cont.

Date	Year	Depth (m)	Phosphorus (mg/L)
18-Apr-01	2001	9	5.9E-02
30-Apr-01	2001	9	3.2E-02
15-May-01	2001	9	4.6E-02
29-May-01	2001	9	6.4E-02
12-Jun-01	2001	9	0.1
26-Jun-01	2001	9	7.2E-02
11-Apr-01	2001	12	9.2E-02
18-Apr-01	2001	12	5.8E-02
30-Apr-01	2001	12	5.4E-02
15-May-01	2001	12	7.3E-02
29-May-01	2001	12	9.6E-02
12-Jun-01	2001	12	0.1
26-Jun-01	2001	12	0.1
11-Apr-01	2001	15	0.1
18-Apr-01	2001	15	5.8E-02
30-Apr-01	2001	15	0.1
15-May-01	2001	15	0.1
29-May-01	2001	15	0.1
12-Jun-01	2001	15	0.2
26-Jun-01	2001	15	0.2
11-Apr-01	2001	18	0.4
18-Apr-01	2001	18	0.5
30-Apr-01	2001	18	0.2
15-May-01	2001	18	0.1
29-May-01	2001	18	0.2
12-Jun-01	2001	18	0.2
26-Jun-01	2001	18	0.3
22-Feb-01	2001	0	6.4E-02
22-Feb-01	2001	12	0.1
22-Feb-01	2001	15	0.1
22-Feb-01	2001	16	9.1E-02
22-Feb-01	2001	3	8.0E-02
22-Feb-01	2001	6	8.3E-02
22-Feb-01	2001	9	9.7E-02

Table I-21. 1992 and 2000 Aquatic Invertebrates and Phytoplankton

Date	Station	Species	Analyte	Units	Value
08/25/92	W2	ZPKA	Mercury	µg/kg-ww	0.1
08/25/92	W1	ZPKA	Mercury	µg/kg-ww	0.1
08/25/92	W1	ZPKA	Mercury	µg/kg-ww	0.1
08/25/92	W1	ZPKA	Mercury	µg/kg-ww	0.1
08/25/92	W2	ZPKA	Mercury	µg/kg-ww	0.1
08/25/92	W2	ZPKA	Mercury	µg/kg-ww	0.1
11/16/92	W1	ZPKA	Mercury	µg/kg-ww	0.2
11/16/92	W1	ZPKA	Mercury	µg/kg-ww	0.8
11/16/92	W1	ZPKA	Mercury	µg/kg-ww	0.8
11/16/92	W2	ZPKA	Mercury	µg/kg-ww	2.9
11/16/92	W2	ZPKA	Mercury	µg/kg-ww	0.9
11/16/92	W2	ZPKA	Mercury	µg/kg-ww	0.7
05/28/92	W1	ZPKA	Methyl mercury	µg/kg-ww	0.6
05/28/92	W1	ZPKA	Methyl mercury	µg/kg-ww	0.5
05/28/92	W1	ZPKA	Methyl mercury	µg/kg-ww	0.7
05/29/92	W2	ZPKA	Methyl mercury	µg/kg-ww	0.8
05/29/92	W2	ZPKA	Methyl mercury	µg/kg-ww	0.7
05/29/92	W2	ZPKA	Methyl mercury	µg/kg-ww	1.0
05/28/92	W1	ZPKA	Methyl mercury	µg/kg-ww	0.6
05/28/92	W1	ZPKA	Methyl mercury	µg/kg-ww	0.5
05/28/92	W1	ZPKA	Methyl mercury	µg/kg-ww	0.7
05/29/92	W2	ZPKA	Methyl mercury	µg/kg-ww	0.8
05/29/92	W2	ZPKA	Methyl mercury	µg/kg-ww	0.7
05/29/92	W2	ZPKA	Methyl mercury	µg/kg-ww	1.0
08/25/92	W1	ZPKA	Methyl mercury	µg/kg-ww	0.1
08/25/92	W1	ZPKA	Methyl mercury	µg/kg-ww	0.1
08/25/92	W1	ZPKA	Methyl mercury	µg/kg-ww	0.1
08/25/92	W2	ZPKA	Methyl mercury	µg/kg-ww	0.1
08/25/92	W2	ZPKA	Methyl mercury	µg/kg-ww	0.1
08/25/92	W2	ZPKA	Methyl mercury	µg/kg-ww	0.1
11/16/92	W1	ZPKA	Methyl mercury	µg/kg-ww	0.4
11/16/92	W1	ZPKA	Methyl mercury	µg/kg-ww	0.7
11/16/92	W1	ZPKA	Methyl mercury	µg/kg-ww	0.8
11/16/92	W2	ZPKA	Methyl mercury	µg/kg-ww	0.6
11/16/92	W2	ZPKA	Methyl mercury	µg/kg-ww	0.8
11/16/92	W2	ZPKA	Methyl mercury	µg/kg-ww	0.5
08/26/92	W1	ZPKA	Methyl mercury per Sample	pg/sample	216
08/26/92	W1	ZPKA	Methyl mercury per Sample	pg/sample	187
08/26/92	W1	ZPKA	Methyl mercury per Sample	pg/sample	35 U
08/26/92	W2	ZPKA	Methyl mercury per Sample	pg/sample	288
08/26/92	W2	ZPKA	Methyl mercury per Sample	pg/sample	201
08/26/92	W2	ZPKA	Methyl mercury per Sample	pg/sample	390
08/26/92	W2	ZPKA	Methyl mercury per Sample	pg/sample	35 U
11/18/92	W2	ZPKA	Methyl mercury per Sample	pg/sample	169
11/18/92	W2	ZPKA	Methyl mercury per Sample	pg/sample	345
11/18/92	W2	ZPKA	Methyl mercury per Sample	pg/sample	237
11/18/92	W2	ZPKA	Methyl mercury per Sample	pg/sample	17 U
11/18/92	W1	ZPKA	Methyl mercury per Sample	pg/sample	165
11/18/92	W1	ZPKA	Methyl mercury per Sample	pg/sample	212
08/26/92	W1	ZPKA	Methyl mercury per Sample	pg/sample	276
11/18/92	W1	ZPKA	Methyl mercury per Sample	pg/sample	318
11/18/92	W1	ZPKA	Methyl mercury per Sample	pg/sample	17 U
05/26/92	W2	PHYC	Mercury	µg/kg-ww	7.4E-03
05/26/92	W2	PHYC	Mercury	µg/kg-ww	6.0E-03
05/26/92	W2	PHYC	Mercury	µg/kg-ww	5.5E-03
05/27/92	W1	PHYC	Mercury	µg/kg-ww	2.6E-03
05/27/92	W1	PHYC	Mercury	µg/kg-ww	2.6E-03
05/27/92	W1	PHYC	Mercury	µg/kg-ww	3.8E-03
05/26/92	W2	PHYC	Mercury	µg/kg-ww	7.4E-03
05/26/92	W2	PHYC	Mercury	µg/kg-ww	6.0E-03
05/26/92	W2	PHYC	Mercury	µg/kg-ww	5.5E-03
05/27/92	W1	PHYC	Mercury	µg/kg-ww	2.6E-03
05/27/92	W1	PHYC	Mercury	µg/kg-ww	2.6E-03

Table I-21. (cont.)

Date	Station	Species	Analyte	Units	Value
05/27/92	W1	PHYC	Mercury	µg/kg-ww	3.8E-03
08/24/92	W2	PHYC	Mercury	ug/kg-ww	7.6E-03
08/24/92	W2	PHYC	Mercury	µg/kg-ww	1.1E-02
08/24/92	W2	PHYC	Mercury	µg/kg-ww	1.1E-02
08/25/92	W1	PHYC	Mercury	µg/kg-ww	8.1E-03
08/25/92	W1	PHYC	Mercury	µg/kg-ww	9.1E-03
08/25/92	W1	PHYC	Mercury	µg/kg-ww	7.0E-03
11/16/92	W1	PHYC	Mercury	µg/kg-ww	5.0E-03
11/16/92	W1	PHYC	Mercury	µg/kg-ww	4.6E-03
11/16/92	W1	PHYC	Mercury	µg/kg-ww	5.4E-03
11/16/92	W2	PHYC	Mercury	µg/kg-ww	5.5E-03
11/16/92	W2	PHYC	Mercury	µg/kg-ww	5.9E-03
11/16/92	W2	PHYC	Mercury	µg/kg-ww	6.3E-03
05/26/92	W2	PHYC	Methyl mercury	µg/kg-ww	2.1E-04
05/26/92	W2	PHYC	Methyl mercury	µg/kg-ww	1.8E-04
05/26/92	W2	PHYC	Methyl mercury	µg/kg-ww	1.5E-04
05/27/92	W1	PHYC	Methyl mercury	µg/kg-ww	1.3E-04
05/27/92	W1	PHYC	Methyl mercury	µg/kg-ww	1.6E-04
05/27/92	W1	PHYC	Methyl mercury	µg/kg-ww	1.2E-04
05/26/92	W2	PHYC	Methyl mercury	µg/kg-ww	2.1E-04
05/26/92	W2	PHYC	Methyl mercury	µg/kg-ww	1.8E-04
05/26/92	W2	PHYC	Methyl mercury	µg/kg-ww	1.5E-04
05/27/92	W1	PHYC	Methyl mercury	µg/kg-ww	1.3E-04
05/27/92	W1	PHYC	Methyl mercury	µg/kg-ww	1.6E-04
05/27/92	W1	PHYC	Methyl mercury	µg/kg-ww	1.2E-04
08/24/92	W2	PHYC	Methyl mercury	µg/kg-ww	1.7E-03
08/24/92	W2	PHYC	Methyl mercury	µg/kg-ww	1.2E-03
08/24/92	W2	PHYC	Methyl mercury	µg/kg-ww	1.5E-03
08/25/92	W1	PHYC	Methyl mercury	µg/kg-ww	2.6E-03
08/25/92	W1	PHYC	Methyl mercury	µg/kg-ww	2.3E-03
08/25/92	W1	PHYC	Methyl mercury	µg/kg-ww	2.0E-03
11/16/92	W1	PHYC	Methyl mercury	µg/kg-ww	1.0E-03
11/16/92	W1	PHYC	Methyl mercury	µg/kg-ww	8.9E-04
11/16/92	W1	PHYC	Methyl mercury	µg/kg-ww	1.1E-03
11/16/92	W2	PHYC	Methyl mercury	µg/kg-ww	9.9E-04
11/16/92	W2	PHYC	Methyl mercury	µg/kg-ww	1.1E-03
11/16/92	W2	PHYC	Methyl mercury	µg/kg-ww	1.1E-03
08/03/00	OT6	AMPH	Mercury	µg/kg-ww	7.3
08/03/00	OT7	AMPH	Mercury	µg/kg-ww	13 U
08/02/00	S305	AMPH	Mercury	µg/kg-ww	37
08/01/00	S317	AMPH	Mercury	µg/kg-ww	132
07/28/00	S332	AMPH	Mercury	µg/kg-ww	380
07/30/00	S342	AMPH	Mercury	µg/kg-ww	57
08/02/00	S372	AMPH	Mercury	µg/kg-ww	31
07/28/00	S400	AMPH	Mercury	µg/kg-ww	28
07/30/00	S402	AMPH	Mercury	µg/kg-ww	105
07/30/00	S402	AMPH	Mercury	µg/kg-ww	135
07/30/00	S403	AMPH	Mercury	µg/kg-ww	76
07/31/00	S404	AMPH	Mercury	µg/kg-ww	172
08/14/92	B4	AMPH	Mercury per Sample	pg/sample	996
08/03/00	OT6	AMPH	Methyl mercury	µg/kg-ww	4.4
08/03/00	OT7	AMPH	Methyl mercury	µg/kg-ww	26 U
08/02/00	S305	AMPH	Methyl mercury	µg/kg-ww	23
08/01/00	S317	AMPH	Methyl mercury	µg/kg-ww	251 U
07/28/00	S332	AMPH	Methyl mercury	µg/kg-ww	33
07/30/00	S342	AMPH	Methyl mercury	µg/kg-ww	33
08/02/00	S372	AMPH	Methyl mercury	µg/kg-ww	25
07/28/00	S400	AMPH	Methyl mercury	µg/kg-ww	18
07/30/00	S402	AMPH	Methyl mercury	µg/kg-ww	52
07/30/00	S402	AMPH	Methyl mercury	µg/kg-ww	37
07/30/00	S403	AMPH	Methyl mercury	µg/kg-ww	40
07/31/00	S404	AMPH	Methyl mercury	µg/kg-ww	92

Table I-21. (cont.)

Date	Station	Species	Analyte	Units	Value
08/14/92	B2	AMPH	Methyl mercury per Sample	pg/sample	3,822
08/14/92	B3	AMPH	Methyl mercury per Sample	pg/sample	1,051
08/14/92	B4	AMPH	Methyl mercury per Sample	pg/sample	923
08/13/92	B5	AMPH	Methyl mercury per Sample	pg/sample	492
08/13/92	B6	AMPH	Methyl mercury per Sample	pg/sample	325
08/13/92	B7	AMPH	Methyl mercury per Sample	pg/sample	821
08/13/92	B8	AMPH	Methyl mercury per Sample	pg/sample	1,470
08/14/92	B2	AMPH	Methyl mercury per Sample	pg/sample	3,876
08/14/92	B3	AMPH	Methyl mercury per Sample	pg/sample	928
08/14/92	B4	AMPH	Methyl mercury per Sample	pg/sample	994
08/13/92	B5	AMPH	Methyl mercury per Sample	pg/sample	696
08/13/92	B6	AMPH	Methyl mercury per Sample	pg/sample	284
08/13/92	B7	AMPH	Methyl mercury per Sample	pg/sample	824
08/13/92	B8	AMPH	Methyl mercury per Sample	pg/sample	1,159
08/03/00	OT6	CHIR	Mercury	µg/kg-ww	39 U
08/03/00	OT7	CHIR	Mercury	µg/kg-ww	11
08/02/00	S305	CHIR	Mercury	µg/kg-ww	69
08/01/00	S317	CHIR	Mercury	µg/kg-ww	567
08/01/00	S323	CHIR	Mercury	µg/kg-ww	74
07/28/00	S332	CHIR	Mercury	µg/kg-ww	781
07/30/00	S342	CHIR	Mercury	µg/kg-ww	240
07/29/00	S344	CHIR	Mercury	µg/kg-ww	6,210
08/02/00	S372	CHIR	Mercury	µg/kg-ww	53
07/28/00	S400	CHIR	Mercury	µg/kg-ww	46
07/29/00	S401	CHIR	Mercury	µg/kg-ww	761
07/30/00	S402	CHIR	Mercury	µg/kg-ww	279
07/30/00	S403	CHIR	Mercury	µg/kg-ww	183
07/31/00	S404	CHIR	Mercury	µg/kg-ww	732
07/31/00	S404	CHIR	Mercury	µg/kg-ww	868
07/31/00	S405	CHIR	Mercury	µg/kg-ww	172
07/31/00	S406	CHIR	Mercury	µg/kg-ww	7,470
08/01/00	S407	CHIR	Mercury	µg/kg-ww	167
08/03/00	OT6	CHIR	Methyl mercury	µg/kg-ww	66 U
08/03/00	OT7	CHIR	Methyl mercury	µg/kg-ww	12 U
08/02/00	S305	CHIR	Methyl mercury	µg/kg-ww	5.4
08/01/00	S317	CHIR	Methyl mercury	µg/kg-ww	21
08/01/00	S323	CHIR	Methyl mercury	µg/kg-ww	4.6
07/28/00	S332	CHIR	Methyl mercury	µg/kg-ww	8.8
07/30/00	S342	CHIR	Methyl mercury	µg/kg-ww	18
07/29/00	S344	CHIR	Methyl mercury	µg/kg-ww	67
08/02/00	S372	CHIR	Methyl mercury	µg/kg-ww	15
07/28/00	S400	CHIR	Methyl mercury	µg/kg-ww	7.1
07/29/00	S401	CHIR	Methyl mercury	µg/kg-ww	85
07/30/00	S402	CHIR	Methyl mercury	µg/kg-ww	43
07/30/00	S403	CHIR	Methyl mercury	µg/kg-ww	25
07/31/00	S404	CHIR	Methyl mercury	µg/kg-ww	35
07/31/00	S404	CHIR	Methyl mercury	µg/kg-ww	26
07/31/00	S405	CHIR	Methyl mercury	µg/kg-ww	89
07/31/00	S406	CHIR	Methyl mercury	µg/kg-ww	355
08/01/00	S407	CHIR	Methyl mercury	µg/kg-ww	6.0
08/14/92	B1	CHIR	Methyl mercury per Sample	pg/sample	601
08/14/92	B2	CHIR	Methyl mercury per Sample	pg/sample	2,259
08/14/92	B3	CHIR	Methyl mercury per Sample	pg/sample	184
08/14/92	B4	CHIR	Methyl mercury per Sample	pg/sample	254
08/13/92	B5	CHIR	Methyl mercury per Sample	pg/sample	194
08/13/92	B6	CHIR	Methyl mercury per Sample	pg/sample	343
08/13/92	B7	CHIR	Methyl mercury per Sample	pg/sample	369
08/13/92	B8	CHIR	Methyl mercury per Sample	pg/sample	215
08/14/92	B1	CHIR	Methyl mercury per Sample	pg/sample	649
08/14/92	B2	CHIR	Methyl mercury per Sample	pg/sample	1,649
08/14/92	B3	CHIR	Methyl mercury per Sample	pg/sample	181
08/14/92	B4	CHIR	Methyl mercury per Sample	pg/sample	212

Table I-21. (cont.)

Date	Station	Species	Analyte	Units	Value
08/13/92	B5	CHIR	Methyl mercury per Sample	pg/sample	195
08/13/92	B6	CHIR	Methyl mercury per Sample	pg/sample	307
08/13/92	B8	CHIR	Methyl mercury per Sample	pg/sample	246
08/13/92	B7	CHIR	Methyl mercury per Sample	pg/sample	326
08/03/00	OT6	OLIG	Mercury	µg/kg-ww	25 U
08/02/00	S305	OLIG	Mercury	µg/kg-ww	102
08/01/00	S317	OLIG	Mercury	µg/kg-ww	747 U
08/01/00	S323	OLIG	Mercury	µg/kg-ww	89
07/28/00	S332	OLIG	Mercury	µg/kg-ww	252
07/30/00	S342	OLIG	Mercury	µg/kg-ww	340
07/29/00	S344	OLIG	Mercury	µg/kg-ww	6,480
08/02/00	S372	OLIG	Mercury	µg/kg-ww	106
07/28/00	S400	OLIG	Mercury	µg/kg-ww	74
07/29/00	S401	OLIG	Mercury	µg/kg-ww	205
07/30/00	S402	OLIG	Mercury	µg/kg-ww	252
07/30/00	S403	OLIG	Mercury	µg/kg-ww	277
07/31/00	S404	OLIG	Mercury	µg/kg-ww	3,700
07/31/00	S405	OLIG	Mercury	µg/kg-ww	273
07/31/00	S406	OLIG	Mercury	µg/kg-ww	4,470
08/01/00	S407	OLIG	Mercury	µg/kg-ww	207
08/03/00	OT6	OLIG	Methyl mercury	µg/kg-ww	38 U
08/02/00	S305	OLIG	Methyl mercury	µg/kg-ww	3.7 U
08/01/00	S317	OLIG	Methyl mercury	µg/kg-ww	1,020 U
08/01/00	S323	OLIG	Methyl mercury	µg/kg-ww	2.9 U
07/28/00	S332	OLIG	Methyl mercury	µg/kg-ww	7.1 U
07/30/00	S342	OLIG	Methyl mercury	µg/kg-ww	76 U
07/29/00	S344	OLIG	Methyl mercury	µg/kg-ww	64
08/02/00	S372	OLIG	Methyl mercury	µg/kg-ww	3.1
07/28/00	S400	OLIG	Methyl mercury	µg/kg-ww	3.7
07/29/00	S401	OLIG	Methyl mercury	µg/kg-ww	3.6
07/30/00	S402	OLIG	Methyl mercury	µg/kg-ww	29
07/30/00	S403	OLIG	Methyl mercury	µg/kg-ww	11
07/31/00	S404	OLIG	Methyl mercury	µg/kg-ww	60
07/31/00	S405	OLIG	Methyl mercury	µg/kg-ww	6.6
07/31/00	S406	OLIG	Methyl mercury	µg/kg-ww	17
08/01/00	S407	OLIG	Methyl mercury	µg/kg-ww	38
07/30/00	S402	AMPH	Aroclor-1016	µg/kg-ww	113 U
07/30/00	S402	AMPH	Aroclor-1221	µg/kg-ww	113 U
07/30/00	S402	AMPH	Aroclor-1232	µg/kg-ww	113 U
07/30/00	S402	AMPH	Aroclor-1242	µg/kg-ww	79.1 J
07/30/00	S402	AMPH	Aroclor-1248	µg/kg-ww	113 U
07/30/00	S402	AMPH	Aroclor-1254	µg/kg-ww	42.1 J
07/30/00	S402	AMPH	Aroclor-1260	µg/kg-ww	33.9 J
07/30/00	S402	AMPH	Aroclor-1268	µg/kg-ww	113 U
07/30/00	S402	AMPH	Aroclor-1016	µg/kg-ww	150 U
07/30/00	S402	AMPH	Aroclor-1221	µg/kg-ww	150 U
07/30/00	S402	AMPH	Aroclor-1232	µg/kg-ww	150 U
07/30/00	S402	AMPH	Aroclor-1242	µg/kg-ww	92.9 J
07/30/00	S402	AMPH	Aroclor-1248	µg/kg-ww	150 U
07/30/00	S402	AMPH	Aroclor-1254	µg/kg-ww	150 U
07/30/00	S402	AMPH	Aroclor-1260	µg/kg-ww	150 U
07/30/00	S402	AMPH	Aroclor-1268	µg/kg-ww	150 U
07/30/00	S403	AMPH	Aroclor-1016	µg/kg-ww	76.6 U
07/30/00	S403	AMPH	Aroclor-1221	µg/kg-ww	76.6 U
07/30/00	S403	AMPH	Aroclor-1232	µg/kg-ww	76.6 U
07/30/00	S403	AMPH	Aroclor-1242	µg/kg-ww	195 J
07/30/00	S403	AMPH	Aroclor-1248	µg/kg-ww	76.6 U
07/30/00	S403	AMPH	Aroclor-1254	µg/kg-ww	113 J
07/30/00	S403	AMPH	Aroclor-1260	µg/kg-ww	76.6 U
07/30/00	S403	AMPH	Aroclor-1268	µg/kg-ww	76.6 U
08/02/00	S305	CHIR	Aroclor-1016	µg/kg-ww	138 U
08/02/00	S305	CHIR	Aroclor-1221	µg/kg-ww	138 U

Table I-21. (cont.)

Date	Station	Species	Analyte	Units	Value
08/02/00	S305	CHIR	Aroclor-1232	µg/kg-ww	138 U
08/02/00	S305	CHIR	Aroclor-1242	µg/kg-ww	138 U
08/02/00	S305	CHIR	Aroclor-1248	µg/kg-ww	138 U
08/02/00	S305	CHIR	Aroclor-1254	µg/kg-ww	138 U
08/02/00	S305	CHIR	Aroclor-1260	µg/kg-ww	138 U
08/02/00	S305	CHIR	Aroclor-1268	µg/kg-ww	138 U
07/30/00	S342	CHIR	Aroclor-1016	µg/kg-ww	138 U
07/30/00	S342	CHIR	Aroclor-1221	µg/kg-ww	138 U
07/30/00	S342	CHIR	Aroclor-1232	µg/kg-ww	138 U
07/30/00	S342	CHIR	Aroclor-1242	µg/kg-ww	49.6 J
07/30/00	S342	CHIR	Aroclor-1248	µg/kg-ww	138 U
07/30/00	S342	CHIR	Aroclor-1254	µg/kg-ww	138 U
07/30/00	S342	CHIR	Aroclor-1260	µg/kg-ww	29.8 J
07/30/00	S342	CHIR	Aroclor-1268	µg/kg-ww	138 U
07/28/00	S400	CHIR	Aroclor-1016	µg/kg-ww	183 U
07/28/00	S400	CHIR	Aroclor-1221	µg/kg-ww	183 U
07/28/00	S400	CHIR	Aroclor-1232	µg/kg-ww	183 U
07/28/00	S400	CHIR	Aroclor-1242	µg/kg-ww	183 U
07/28/00	S400	CHIR	Aroclor-1248	µg/kg-ww	78.7 J
07/28/00	S400	CHIR	Aroclor-1254	µg/kg-ww	57.4 J
07/28/00	S400	CHIR	Aroclor-1260	µg/kg-ww	183 U
07/28/00	S400	CHIR	Aroclor-1268	µg/kg-ww	183 U
07/31/00	S404	CHIR	Aroclor-1016	µg/kg-ww	107 U
07/31/00	S404	CHIR	Aroclor-1221	µg/kg-ww	107 U
07/31/00	S404	CHIR	Aroclor-1232	µg/kg-ww	107 U
07/31/00	S404	CHIR	Aroclor-1242	µg/kg-ww	130 J
07/31/00	S404	CHIR	Aroclor-1248	µg/kg-ww	107 U
07/31/00	S404	CHIR	Aroclor-1254	µg/kg-ww	107 U
07/31/00	S404	CHIR	Aroclor-1260	µg/kg-ww	55.6 J
07/31/00	S404	CHIR	Aroclor-1268	µg/kg-ww	107 U