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Volume II

1996 Field Investigation Report

Ecological Risk Assessment of the Marsh Area of the LCP Chemical Site in Brunswick, Georgia

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INTRODUCTION

This volume contains the data tables and quality assurance review summaries cited in Volume I of the *Ecological Risk Assessment for the Marsh (Estuarine) Operable Unit of the LCP Chemicals Site in Brunswick, Georgia.*

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Section 1.1

Water Column Study Data

TABLE 1.1-1. SURFACE WATER SAMPLES—METALS, CYANIDE, AND TOTAL SUSPENDED SOLIDS

Sample Number	Station	Date	Field rep.	Aluminum Total (mg/L)	Aluminum Dissolved (mg/L)	Antimony Total (mg/L)	Antimony Dissolved (mg/L)	Arsenic Total (mg/L)	Arsenic Dissolved (mg/L)	Barium Total (mg/L)	Barium Dissolved (mg/L)	Beryllium Total (mg/L)	Beryllium Dissolved (mg/L)
WCSW0001	SW-01	06/26/96		0.8	0.1 *U*	0.02 *U*	0.02 *U*	0.004 *U*	0.080 *U*	0.03	0.03	0.01 *U*	0.01 *U*
WCSW0002	SW-02	06/26/96	1	0.5	0.1 *U*	0.02 *U*	0.02 *U*	0.004 *U*	0.040 *U*	0.03	0.03	0.01 *U*	0.01 *U*
WCSW0012	SW-02	06/26/96	2										
WCSW0003	SW-03	06/26/96		0.7	0.1 *U*	0.02 *U*	0.02 *U*	0.005	0.040 *U*	0.03	0.03	0.01 *U*	0.01 *U*
WCSW0004	SW-04	06/26/96		0.8	0.1 *U*	0.02 *U*	0.02 *U*	0.005	0.040 *U*	0.03	0.03	0.01 *U*	0.01 *U*
WCSW0005	SW-05	06/26/96		0.6	0.1 *U*	0.02 *U*	0.02 *U*	0.004 *U*	0.080 *U*	0.03	0.03	0.01 *U*	0.01 *U*
WCSW0006	SW-06	06/26/96		0.3	0.1 *U*	0.02 *U*	0.02 *U*	0.004 *U*	0.040 *U*	0.03	0.03	0.01 *U*	0.01 *U*
WCSW0007	SW-07	06/26/96		0.3	0.1 *U*	0.02 *U*	0.02 *U*	0.004 *U*	0.040 *U*	0.03	0.03	0.01 *U*	0.01 *U*
WCSW0008	SW-08	06/26/96		0.8	0.1 *U*	0.02 *U*	0.02 *U*	0.005	0.040 *U*	0.03	0.03	0.01 *U*	0.01 *U*
WCSW0009	SW-09	06/26/96		4.7	0.5	0.02 *U*	0.02 *U*	0.007	0.040 *U*	0.04	0.03	0.01 *U*	0.01 *U*
WCSW0010	SW-10	06/26/96		1.3	0.1	0.02 *U*	0.02 *U*	0.006	0.040 *U*	0.02	0.02	0.01 *U*	0.01 *U*
WCSW0011	SW-11	06/26/96		0.5	0.1 *U*	0.02 *U*	0.02 *U*	0.004 *U*	0.080 *U*	0.02	0.02	0.01 *U*	0.01 *U*

TABLE 1.1-1. (cont.)

Sample Number	Station	Date	Field rep.	Cadmium Total (mg/L)	Cadmium Dissolved (mg/L)	Calcium Total (mg/L)	Calcium Dissolved (mg/L)	Chromium Total (mg/L)	Chromium Dissolved (mg/L)	Cobalt Total (mg/L)	Cobalt Dissolved (mg/L)	Copper Total (mg/L)	Copper Dissolved (mg/L)	Cyanide Total (mg/L)
WCSW0001	SW-01	06/26/96		0.01 *U*	0.01 *U*	240	240	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.01 *U*
WCSW0002	SW-02	06/26/96	1	0.01 *U*	0.01 *U*	220	225	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.01 *U*
WCSW0012	SW-02	06/26/96	2											0.01 *U*
WCSW0003	SW-03	06/26/96		0.01 *U*	0.01 *U*	220	190	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.01 *U*
WCSW0004	SW-04	06/26/96		0.01 *U*	0.01 *U*	220	220	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.01 *U*
WCSW0005	SW-05	06/26/96		0.01 *U*	0.01 *U*	230	240	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.01 *U*
WCSW0006	SW-06	06/26/96		0.01 *U*	0.01 *U*	240	240	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.01 *U*
WCSW0007	SW-07	06/26/96		0.01 *U*	0.01 *U*	230	240	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.01 *U*
WCSW0008	SW-08	06/26/96		0.01 *U*	0.01 *U*	210	210	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.01 *U*
WCSW0009	SW-09	06/26/96		0.01 *U*	0.01 *U*	220	210	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.01 *U*
WCSW0010	SW-10	06/26/96		0.01 *U*	0.01 *U*	270	290	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.01 *U*
WCSW0011	SW-11	06/26/96		0.01 *U*	0.01 *U*	260	270	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.01 *U*

TABLE 1.1-1. (cont.)

Sample Number	Station	Date	Field rep.	Iron Total (mg/L)	Iron Dissolved (mg/L)	Lead Total (mg/L)	Lead Dissolved (mg/L)	Magnesium Total (mg/L)	Magnesium Dissolved (mg/L)	Manganese Total (mg/L)	Manganese Dissolved (mg/L)	Total Mercury Total (ng/L)	Total Mercury Dissolved (ng/L)
WCSW0001	SW-01	06/26/96		0.51	0.04 *U*	0.005 *U*	0.005 *U*	800	820	0.05	0.01 *U*	168	10.5
WCSW0002	SW-02	06/26/96	1	0.35	0.04 *U*	0.005 *U*	0.005 *U*	730	750	0.13	0.085	39.1	16.8
WCSW0012	SW-02	06/26/96	2									39.8	14.3
WCSW0003	SW-03	06/26/96		0.46	0.04 *U*	0.005 *U*	0.005 *U*	750	630	0.26	0.16	97	27.3
WCSW0004	SW-04	06/26/96		0.52	0.04 *U*	0.005 *U*	0.005 *U*	740	730	0.25	0.20	111	24
WCSW0005	SW-05	06/26/96		0.34	0.04 *U*	0.005 *U*	0.005 *U*	790	820	0.04	0.01 *U*	22.3	7.2
WCSW0006	SW-06	06/26/96		0.12	0.04 *U*	0.005 *U*	0.005 *U*	830	820	0.01 *U*	0.01 *U*	9.4	2.9 *J*
WCSW0007	SW-07	06/26/96		0.13	0.04 *U*	0.005 *U*	0.005 *U*	770	790	0.01 *U*	0.01 *U*	10.3	5.2
WCSW0008	SW-08	06/26/96		0.55	0.04 *U*	0.005 *U*	0.005 *U*	660	660	0.23	0.18	12	3.6 *J*
WCSW0009	SW-09	06/26/96		4.2	0.21	0.005 *U*	0.005 *U*	720	710	0.09	0.02	133	4.5 *J*
WCSW0010	SW-10	06/26/96		0.9	0.10	0.005 *U*	0.005 *U*	930	1,000	0.13	0.07	5.8	1 *U*
WCSW0011	SW-11	06/26/96		0.26	0.04 *U*	0.005 *U*	0.005 *U*	890	930	0.01 *U*	0.01 *U*	3.6 *J*	1.3 *U*

TABLE 1.1-1. (cont.)

Sample Number	Station	Date	Field rep.	Methylmercury Total (ng/L)	Methylmercury Dissolved (ng/L)	Nickel Total (mg/L)	Nickel Dissolved (mg/L)	Potassium Total (mg/L)	Potassium Dissolved (mg/L)	Selenium Total (mg/L)	Selenium Dissolved (mg/L)	Silver Total (mg/L)	Silver Dissolved (mg/L)
WCSW0001	SW-01	06/26/96		0.68	0.50	0.04 *U*	0.04 *U*	270	280	0.04 *U*	0.04 *U*	0.01 *U*	0.01 *U*
WCSW0002	SW-02	06/26/96	1	1.3	0.83	0.04 *U*	0.04 *U*	250	255	0.04 *U*	0.04 *U*	0.01 *U*	0.01 *U*
WCSW0012	SW-02	06/26/96	2	1.1	0.66								
WCSW0003	SW-03	06/26/96		2.7	1.3	0.04 *U*	0.04 *U*	250	210	0.04 *U*	0.04 *U*	0.01 *U*	0.01 *U*
WCSW0004	SW-04	06/26/96		2.6	1.1	0.04 *U*	0.04 *U*	250	250	0.04 *U*	0.08 *U*	0.01 *U*	0.01 *U*
WCSW0005	SW-05	06/26/96		0.6	0.41	0.04 *U*	0.04 *U*	260	280	0.04 *U*	0.08 *U*	0.01 *U*	0.01 *U*
WCSW0006	SW-06	06/26/96		0.23	0.15	0.04 *U*	0.04 *U*	280	280	0.04 *U*	0.04 *U*	0.01 *U*	0.01 *U*
WCSW0007	SW-07	06/26/96		0.37	0.33	0.04 *U*	0.04 *U*	260	270	0.04 *U*	0.08 *U*	0.01 *U*	0.01 *U*
WCSW0008	SW-08	06/26/96		0.56	0.46	0.04 *U*	0.04 *U*	230	230	0.04 *U*	0.08 *U*	0.01 *U*	0.01 *U*
WCSW0009	SW-09	06/26/96		0.66	0.32	0.04 *U*	0.04 *U*	240	240	0.04 *U*	0.04 *U*	0.01 *U*	0.01 *U*
WCSW0010	SW-10	06/26/96		0.35	0.16	0.04 *U*	0.04 *U*	320	350	0.04 *U*	0.08 *U*	0.01 *U*	0.01 *U*
WCSW0011	SW-11	06/26/96		0.25	0.16	0.04 *U*	0.04 *U*	300	320	0.04 *U*	0.04 *U*	0.01 *U*	0.01 *U*

TABLE 1.1-1. (cont.)

Sample Number	Station	Date	Field rep.	Sodium Total (mg/L)	Sodium Dissolved (mg/L)	Thallium Total (mg/L)	Thallium Dissolved (mg/L)	Vanadium Total (mg/L)	Vanadium Dissolved (mg/L)	Zinc Total (mg/L)	Zinc Dissolved (mg/L)	Total Suspended Solids (mg/L)
WCSW0001	SW-01	06/26/96		6,700	7,400	0.025 *U*	0.025 *U*	0.01 *U*	0.01 *U*	0.01	0.01 *U*	67.7
WCSW0002	SW-02	06/26/96	1	6,100	6,550	0.025 *U*	0.025 *U*	0.01 *U*	0.01 *U*	0.01	0.01 *U*	60.6
WCSW0012	SW-02	06/26/96	2									36.4
WCSW0003	SW-03	06/26/96		6,900	5,000	0.025 *U*	0.025 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	48.8
WCSW0004	SW-04	06/26/96		6,600	6,800	0.025 *U*	0.025 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	59.4
WCSW0005	SW-05	06/26/96		6,900	7,400	0.025 *U*	0.025 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	42.6
WCSW0006	SW-06	06/26/96		6,800	7,500	0.025 *U*	0.025 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	43.4
WCSW0007	SW-07	06/26/96		7,000	7,600	0.025 *U*	0.025 *U*	0.01 *U*	0.01 *U*	0.03	0.01 *U*	27.9
WCSW0008	SW-08	06/26/96		5,700	5,400	0.025 *U*	0.025 *U*	0.01 *U*	0.01	0.01 *U*	0.01 *U*	59.5
WCSW0009	SW-09	06/26/96		6,400	6,100	0.025 *U*	0.025 *U*	0.01 *U*	0.01	0.02	0.03	202
WCSW0010	SW-10	06/26/96		8,300	8,400	0.025 *U*	0.025 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	92.5
WCSW0011	SW-11	06/26/96		7,100	8,600	0.025 *U*	0.025 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	32.7

Note: *U* - undetected

TABLE 1.1-2. SURFACE WATER SAMPLES— SEMIVOLATILE ORGANIC COMPOUNDS

				Chlorinated Aromatic Hydrocarbons					
Sample Number	Station	Date	Field rep.	1,2-Dichloro-benzene (μg/L)	1,3-Dichloro-benzene (μg/L)	1,4-Dichloro-benzene (μg/L)	1,2,4-Trichloro-benzene (μg/L)	Hexachloro-benzene (μg/L)	2-Chloro-naphthalene (μg/L)
WCSW0001	SW-01	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0002	SW-02	06/26/96	1	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0012	SW-02	06/26/96	2	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0003	SW-03	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0004	SW-04	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0005	SW-05	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0006	SW-06	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0007	SW-07	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0008	SW-08	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0009	SW-09	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0010	SW-10	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0011	SW-11	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*

TABLE 1.1-2. (cont.)

Sample Number	Station	Date	Field rep.	Low Molecular Weight Polycyclic Aromatic Hydrocarbons						
				Naphthalene (μg/L)	Acenaphthylene (μg/L)	Acenaphthene (μg/L)	Fluorene (μg/L)	Phenanthrene (μg/L)	Anthracene (μg/L)	2-Methyl-naphthalene (μg/L)
WCSW0001	SW-01	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0002	SW-02	06/26/96	1	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0012	SW-02	06/26/96	2	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0003	SW-03	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0004	SW-04	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0005	SW-05	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0006	SW-06	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0007	SW-07	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0008	SW-08	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0009	SW-09	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0010	SW-10	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0011	SW-11	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*

TABLE 1.1-2. (cont.)

Sample Number	Station	Date	Field rep.	High Molecular Weight Polycyclic Aromatic Hydrocarbons								
				Fluoranthene (µg/L)	Pyrene (µg/L)	Benz[a]-anthracene (µg/L)	Chrysene (µg/L)	Total benzofluoranthenes (b + k) (µg/L)	Benzo[a]-pyrene (µg/L)	Indeno [1,2,3-cd]-pyrene (µg/L)	Dibenz[a,h]-anthracene (µg/L)	Benzo[ghi]-perylene (µg/L)
WCSW0001	SW-01	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0002	SW-02	06/26/96	1	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0012	SW-02	06/26/96	2	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0003	SW-03	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *UJ*	10 *UJ*
WCSW0004	SW-04	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0005	SW-05	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *UJ*	10 *UJ*	10 *U*
WCSW0006	SW-06	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *UJ*	10 *UJ*
WCSW0007	SW-07	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *UJ*	10 *UJ*
WCSW0008	SW-08	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0009	SW-09	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0010	SW-10	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0011	SW-11	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*

TABLE 1.1-2. (cont.)

				Phenols				Substituted Phenols									
Sample Number	Station	Date	Field rep.	Phenol (µg/L)	2-Methyl-phenol (µg/L)	4-Methyl-phenol (µg/L)	2,4-Dimethyl-phenol (µg/L)	2-Chloro-phenol (µg/L)	2,4-Dichloro-phenol (µg/L)	4-Chloro-3-methyl-phenol (µg/L)	2,4,6-Trichloro-phenol (µg/L)	2,4,5-Trichloro-phenol (µg/L)	Penta-chloro-phenol (µg/L)	2-Nitro-phenol (µg/L)	4-Nitro-phenol (µg/L)	2,4-Dinitro phenol (µg/L)	4,6-Dinitro-2-methyl-phenol (µg/L)
WCSW0001	SW-01	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	50 *U*	50 *U*	10 *U*	50 *U*	50 *U*	50 *U*
WCSW0002	SW-02	06/26/96	1	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	50 *U*	50 *U*	10 *U*	50 *U*	50 *U*	50 *U*
WCSW0012	SW-02	06/26/96	2	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	50 *U*	50 *U*	10 *U*	50 *U*	50 *U*	50 *U*
WCSW0003	SW-03	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	50 *U*	50 *U*	10 *U*	50 *U*	50 *U*	50 *U*
WCSW0004	SW-04	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	50 *U*	50 *U*	10 *U*	50 *U*	50 *U*	50 *U*
WCSW0005	SW-05	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	50 *U*	50 *U*	10 *U*	50 *U*	50 *U*	50 *U*
WCSW0006	SW-06	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	50 *U*	50 *U*	10 *U*	50 *U*	50 *U*	50 *U*
WCSW0007	SW-07	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	50 *U*	50 *U*	10 *U*	50 *U*	50 *U*	50 *U*
WCSW0008	SW-08	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	50 *U*	50 *U*	10 *U*	50 *U*	50 *U*	50 *U*
WCSW0009	SW-09	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	50 *U*	50 *U*	10 *U*	50 *U*	50 *U*	50 *U*
WCSW0010	SW-10	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	50 *U*	50 *U*	10 *U*	50 *U*	50 *U*	50 *U*
WCSW0011	SW-11	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	50 *U*	50 *U*	10 *U*	50 *U*	50 *U*	50 *U*

TABLE 1.1-2. (cont.)

				Chlorinated Aliphatic Hydrocarbons			Halogenated Ethers				
Sample Number	Station	Date	Field rep.	Hexachloro-ethane (µg/L)	Hexachloro-butadiene (µg/L)	Hexachloro-cyclopenta-diene (µg/L)	Bis[2-chloro-ethyl]ether (µg/L)	Bis(2-chloro-isopropyl)-ether (µg/L)	4-Chloro-phenyl-phenyl ether (µg/L)	4-Bromo-phenyl-phenyl ether (µg/L)	Bis[2-chloro-ethoxy]-methane (µg/L)
WCSW0001	SW-01	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0002	SW-02	06/26/96	1	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0012	SW-02	06/26/96	2	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0003	SW-03	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0004	SW-04	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0005	SW-05	06/26/96		10 *UJ*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0006	SW-06	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0007	SW-07	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0008	SW-08	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0009	SW-09	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0010	SW-10	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*
WCSW0011	SW-11	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*

TABLE 1.1-2. (cont.)

				Phthalates						Miscellaneous Oxygenated Compounds			
Sample Number	Station	Date	Field rep.	Dimethyl phthalate (μg/L)	Diethyl phthalate (μg/L)	Di-*n*-butyl phthalate (μg/L)	Butylbenzyl phthalate (μg/L)	Bis[2-ethyl-hexyl]-phthalate (μg/L)	Di-*n*-octyl phthalate (μg/L)	Isophorone (μg/L)	Dibenzofuran (μg/L)	Benzyl alcohol (μg/L)	Benzoic acid (μg/L)
WCSW0001	SW-01	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	50 *U*
WCSW0002	SW-02	06/26/96	1	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	50 *U*
WCSW0012	SW-02	06/26/96	2	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	50 *U*
WCSW0003	SW-03	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	50 *U*
WCSW0004	SW-04	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	50 *U*
WCSW0005	SW-05	06/26/96		10 *U*	10 *U*	10 *UJ*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	50 *U*
WCSW0006	SW-06	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	50 *U*
WCSW0007	SW-07	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	50 *U*
WCSW0008	SW-08	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	50 *U*
WCSW0009	SW-09	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	50 *U*
WCSW0010	SW-10	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	50 *U*
WCSW0011	SW-11	06/26/96		10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	10 *U*	50 *U*

TABLE 1.1-2. (cont.)

Sample Number	Station	Date	Field rep.	Organonitrogen Compounds									
				Nitro-benzene (µg/L)	N-nitroso-di-*n*-propylamine (µg/L)	2-Nitro-aniline (µg/L)	3-Nitroaniline (µg/L)	4-Nitroaniline (µg/L)	2,6-Dinitrotoluen (µg/L)	2,4-Dinitrotoluene (µg/L)	*N*-nitrosodi-phenylamine (µg/L)	4-Chloro-aniline (µg/L)	3,3'-Dichloro-benzidine (µg/L)
WCSW0001	SW-01	06/26/96		10 *U*	10 *U*	50 *U*	50 *U*	50 *U*	10 *U*	10 *U*	10 *U*	10 *U*	20 *U*
WCSW0002	SW-02	06/26/96	1	10 *U*	10 *U*	50 *U*	50 *U*	50 *U*	10 *U*	10 *U*	10 *U*	10 *U*	20 *U*
WCSW0012	SW-02	06/26/96	2	10 *U*	10 *U*	50 *U*	50 *U*	50 *U*	10 *U*	10 *U*	10 *U*	10 *U*	20 *U*
WCSW0003	SW-03	06/26/96		10 *U*	10 *U*	50 *U*	50 *U*	50 *U*	10 *U*	10 *U*	10 *U*	10 *U*	20 *U*
WCSW0004	SW-04	06/26/96		10 *U*	10 *U*	50 *U*	50 *U*	50 *U*	10 *U*	10 *U*	10 *U*	10 *U*	20 *U*
WCSW0005	SW-05	06/26/96		10 *U*	10 *U*	50 *U*	50 *U*	50 *U*	10 *U*	10 *U*	10 *U*	10 *U*	20 *U*
WCSW0006	SW-06	06/26/96		10 *U*	10 *U*	50 *U*	50 *U*	50 *U*	10 *U*	10 *U*	10 *U*	10 *U*	20 *U*
WCSW0007	SW-07	06/26/96		10 *U*	10 *U*	50 *U*	50 *U*	50 *U*	10 *U*	10 *U*	10 *U*	10 *U*	20 *U*
WCSW0008	SW-08	06/26/96		10 *U*	10 *U*	50 *U*	50 *U*	50 *U*	10 *U*	10 *U*	10 *U*	10 *U*	20 *U*
WCSW0009	SW-09	06/26/96		10 *U*	10 *U*	50 *U*	50 *U*	50 *U*	10 *U*	10 *U*	10 *U*	10 *U*	20 *U*
WCSW0010	SW-10	06/26/96		10 *U*	10 *U*	50 *U*	50 *U*	50 *U*	10 *U*	10 *U*	10 *U*	10 *U*	20 *U*
WCSW0011	SW-11	06/26/96		10 *U*	10 *U*	50 *U*	50 *U*	50 *U*	10 *U*	10 *U*	10 *U*	10 *U*	20 *U*

Note: *J* - estimated
U - undetected

TABLE 1.1-3. SURFACE WATER SAMPLES—PESTICIDES AND PCBs

Sample Number	Station	Date	Field rep.	alpha-Hexachloro-cyclohexane (µg/L)	beta-Hexachloro-cyclohexane (µg/L)	delta-Hexachloro-cyclohexane (µg/L)	gamma-Hexachloro-cyclohexane (µg/L)	Aldrin (µg/L)	Chlordane (µg/L)	Dieldrin (µg/L)	alpha-Endosulfan (µg/L)	beta-Endosulfan (µg/L)	Endosulfan sulfate (µg/L)	Endrin (µg/L)
WCSW0001	SW-01	06/26/96		0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	1 *U*	0.1 *U*	0.05 *UJ*	0.1 *UJ*	0.1 *U*	0.1 *U*
WCSW0002	SW-02	06/26/96	1	0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	1 *U*	0.1 *U*	0.05 *UJ*	0.1 *UJ*	0.1 *U*	0.1 *U*
WCSW0012	SW-02	06/26/96	2	0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	1 *U*	0.1 *U*	0.05 *UJ*	0.1 *UJ*	0.1 *U*	0.1 *U*
WCSW0003	SW-03	06/26/96		0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	1 *U*	0.1 *U*	0.05 *UJ*	0.1 *UJ*	0.1 *U*	0.1 *U*
WCSW0004	SW-04	06/26/96		0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	1 *U*	0.1 *U*	0.05 *UJ*	0.1 *UJ*	0.1 *U*	0.1 *U*
WCSW0005	SW-05	06/26/96		0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	1 *U*	0.1 *U*	0.05 *UJ*	0.1 *UJ*	0.1 *U*	0.1 *U*
WCSW0006	SW-06	06/26/96		0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	1 *U*	0.1 *U*	0.05 *UJ*	0.1 *UJ*	0.1 *U*	0.1 *U*
WCSW0007	SW-07	06/26/96		0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	1 *U*	0.1 *U*	0.05 *UJ*	0.1 *UJ*	0.1 *U*	0.1 *U*
WCSW0008	SW-08	06/26/96		0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	1 *U*	0.1 *U*	0.05 *UJ*	0.1 *UJ*	0.1 *U*	0.1 *U*
WCSW0009	SW-09	06/26/96		0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	1 *U*	0.1 *U*	0.05 *UJ*	0.1 *UJ*	0.1 *U*	0.1 *U*
WCSW0010	SW-10	06/26/96		0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	1 *U*	0.1 *U*	0.05 *UJ*	0.1 *UJ*	0.1 *U*	0.1 *U*
WCSW0011	SW-11	06/26/96		0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	1 *U*	0.1 *U*	0.05 *UJ*	0.1 *UJ*	0.1 *U*	0.1 *U*

TABLE 1.1-3. (cont.)

Sample Number	Station	Date	Field rep.	Endrin ketone (µg/L)	Heptachlor epoxide (µg/L)	Heptachlor (µg/L)	Methoxychlor (µg/L)	4,4'-DDD (µg/L)	4,4'-DDE (µg/L)	4,4'-DDT (µg/L)	Toxaphene (µg/L)	Aroclor® 1016 (µg/L)	Aroclor® 1221 (µg/L)	Aroclor® 1232 (µg/L)
WCSW0001	SW-01	06/26/96		0.1 *U*	0.05 *U*	0.05 *U*	0.5 *U*	0.1 *U*	0.1 *U*	0.1 *U*	1.0 *U*	0.5 *U*	0.5 *U*	0.5 *U*
WCSW0002	SW-02	06/26/96	1	0.1 *U*	0.05 *U*	0.05 *U*	0.5 *U*	0.1 *U*	0.1 *U*	0.1 *U*	1.0 *U*	0.5 *U*	0.5 *U*	0.5 *U*
WCSW0012	SW-02	06/26/96	2	0.1 *U*	0.05 *U*	0.05 *U*	0.5 *U*	0.1 *U*	0.1 *U*	0.1 *U*	1.0 *U*	0.5 *U*	0.5 *U*	0.5 *U*
WCSW0003	SW-03	06/26/96		0.1 *U*	0.05 *U*	0.05 *U*	0.5 *U*	0.1 *U*	0.1 *U*	0.1 *U*	1.0 *U*	0.5 *U*	0.5 *U*	0.5 *U*
WCSW0004	SW-04	06/26/96		0.1 *U*	0.05 *U*	0.05 *U*	0.5 *U*	0.1 *U*	0.1 *U*	0.1 *U*	1.0 *U*	0.5 *U*	0.5 *U*	0.5 *U*
WCSW0005	SW-05	06/26/96		0.1 *U*	0.05 *U*	0.05 *U*	0.5 *U*	0.1 *U*	0.1 *U*	0.1 *U*	1.0 *U*	0.5 *U*	0.5 *U*	0.5 *U*
WCSW0006	SW-06	06/26/96		0.1 *U*	0.05 *U*	0.05 *U*	0.5 *U*	0.1 *U*	0.1 *U*	0.1 *U*	1.0 *U*	0.5 *U*	0.5 *U*	0.5 *U*
WCSW0007	SW-07	06/26/96		0.1 *U*	0.05 *U*	0.05 *U*	0.5 *U*	0.1 *U*	0.1 *U*	0.1 *U*	1.0 *U*	0.5 *U*	0.5 *U*	0.5 *U*
WCSW0008	SW-08	06/26/96		0.1 *U*	0.05 *U*	0.05 *U*	0.5 *U*	0.1 *U*	0.1 *U*	0.1 *U*	1.0 *U*	0.5 *U*	0.5 *U*	0.5 *U*
WCSW0009	SW-09	06/26/96		0.1 *U*	0.05 *U*	0.05 *U*	0.5 *U*	0.1 *U*	0.1 *U*	0.1 *U*	1.0 *U*	0.5 *U*	0.5 *U*	0.5 *U*
WCSW0010	SW-10	06/26/96		0.1 *U*	0.05 *U*	0.05 *U*	0.5 *U*	0.1 *U*	0.1 *U*	0.1 *U*	1.0 *U*	0.5 *U*	0.5 *U*	0.5 *U*
WCSW0011	SW-11	06/26/96		0.1 *U*	0.05 *U*	0.05 *U*	0.5 *U*	0.1 *U*	0.1 *U*	0.1 *U*	1.0 *U*	0.5 *U*	0.5 *U*	0.5 *U*

TABLE 1.1-3. (cont.)

Sample Number	Station	Date	Field rep.	Aroclor® 1242 (µg/L)	Aroclor® 1248 (µg/L)	Aroclor® 1254 (µg/L)	Aroclor® 1260 (µg/L)	Aroclor® 1268 (µg/L)
WCSW0001	SW-01	06/26/96		0.5 *U*	0.5 *U*	1 *U*	1 *U*	1 *U*
WCSW0002	SW-02	06/26/96	1	0.5 *U*	0.5 *U*	1 *U*	1 *U*	1 *U*
WCSW0012	SW-02	06/26/96	2	0.5 *U*	0.5 *U*	1 *U*	1 *U*	1 *U*
WCSW0003	SW-03	06/26/96		0.5 *U*	0.5 *U*	1 *U*	1 *U*	1 *U*
WCSW0004	SW-04	06/26/96		0.5 *U*	0.5 *U*	1 *U*	1 *U*	1 *U*
WCSW0005	SW-05	06/26/96		0.5 *U*	0.5 *U*	1 *U*	1 *U*	1 *U*
WCSW0006	SW-06	06/26/96		0.5 *U*	0.5 *U*	1 *U*	1 *U*	1 *U*
WCSW0007	SW-07	06/26/96		0.5 *U*	0.5 *U*	1 *U*	1 *U*	1 *U*
WCSW0008	SW-08	06/26/96		0.5 *U*	0.5 *U*	1 *U*	1 *U*	1 *U*
WCSW0009	SW-09	06/26/96		0.5 *U*	0.5 *U*	1 *U*	1 *U*	1 *U*
WCSW0010	SW-10	06/26/96		0.5 *U*	0.5 *U*	1 *U*	1 *U*	1 *U*
WCSW0011	SW-11	06/26/96		0.5 *U*	0.5 *U*	1 *U*	1 *U*	1 *U*

Note: *J* - estimated
U - undetected

TABLE 1.1-4. OYSTER TISSUE SAMPLES—METALS AND SOLIDS

Sample Number	Station	Date	Sample ID	Field rep.	Aluminum (mg/kg)	Antimony (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Calcium (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)
WCOY0001	STOCK	06/10/96	OYSTER-1	1	24.0	0.02 *U*	5.6	0.45	0.02 *U*	4.2	1,770	0.80	0.29	59.0	105	0.20	1,320
WCOY0002	STOCK	06/10/96	OYSTER-1	2	23.0	0.02 *U*	5.2	0.60	0.02 *U*	4.6	5,080	0.80	0.29	66.0	114	0.20	1,480
WCOY0003	STOCK	06/10/96	OYSTER-1	3	26.0	0.02 *U*	5.2	0.93	0.02 *U*	4.0	2,900	0.60	0.28	57.0	110	0.18	1,490
WCOY0004	STOCK	06/10/96	OYSTER-1	4	73.0	0.02 *U*	5.4	0.63	0.02 *U*	4.6	1,420	0.60	0.30	72.0	144	0.23	1,640
WCOY0005	SITE	06/13/96	OYSTER-1		321	0.02	11.7	1.6	0.02 *U*	1.4	25,600	8.9	0.59	101	425	1.3	7,170
WCOY0006	SW-01	09/11/96	OYSTER-H1	1	199	0.02 *U*	6.6	1.7	0.02 *U*	3.1	6,680	2.3	0.74	102	281	0.71	9,400
WCOY0007	SW-01	09/11/96	OYSTER-H1	2	188	0.02	8.8	1.8	0.02 *U*	3.3	6,310	2.5	0.68	62.1	269	0.62	13,200
WCOY0008	SW-01	09/11/96	OYSTER-H1	3	303	0.02 *U*	7.0	1.9	0.02 *U*	3.5	5,500	2.7	0.77	74.7	354	0.93	8,850
WCOY0009	SW-01	09/11/96	OYSTER-H1	4	467	0.02 *U*	6.5	2.2	0.02 *U*	3.9	8,000	2.8	0.69	72.8	437	1.3	8,180
WCOY0010	SW-01	09/11/96	OYSTER-H2	1	122	0.03	7.3	1.4	0.02 *U*	3.3	11,100	2.4	0.71	97.9	230	0.57	10,000
WCOY0011	SW-01	09/11/96	OYSTER-N		661	0.02	6.9	1.9	0.02	1.3	15,300	3.5	0.59	117	928	2.2	5,040
WCOY0012	SW-02	09/12/96	OYSTER-H1	1	1,500	0.02 *U*	6.6	2.6	0.04	4.1	15,000	3.8	0.66	51.8	834	1.1	9,720
WCOY0013	SW-02	09/12/96	OYSTER-H3	1	491	0.02 *U*	6.3	1.6	0.02 *U*	2.4	24,500	2.7	0.64	119	357	0.59	9,650
WCOY0014	SW-02	09/12/96	OYSTER-H3	2	1,280	0.02 *U*	7.3	2.3	0.03	2.4	9,820	3.6	0.60	81.7	4,410	0.87	11,800
WCOY0015	SW-02	09/12/96	OYSTER-H3	3	310	0.02 *U*	6.1	0.88	0.02 *U*	2.1	6,770	2.1	0.49	61.9	263	0.42	8,930
WCOY0016	SW-02	09/12/96	OYSTER-H3	4	734	0.03	6.2	2.6	0.02	4.0	46,100	4.0	0.75	126	537	1.4	9,700
WCOY0017	SW-02	09/12/96	OYSTER-N		2,170	0.03	7.9	3.9	0.06	0.94	18,800	6.0	0.90	65.0	1,580	2.1	8,370
WCOY0018	SW-03	09/12/96	OYSTER-H1	1	385	0.02 *U*	6.8	1.1	0.02 *U*	2.8	5,390	2.2	0.66	64.7	340	0.55	9,480
WCOY0019	SW-03	09/12/96	OYSTER-H1	2	944	0.02	7.7	2.1	0.03	3.4	5,810	3.4	0.72	63.9	671	1.1	10,300
WCOY0020	SW-03	09/12/96	OYSTER-N		1,610	0.02 *U*	6.6	2.7	0.04	0.85	12,200	4.5	0.65	43.7	1,130	1.8	5,890
WCOY0021	SW-04	09/11/96	OYSTER-H1	1	142	0.02 *U*	5.5	1.3	0.02 *U*	4.2	11,400	2.1	0.83	102	494	1.8	6,350
WCOY0022	SW-04	09/11/96	OYSTER-H1	2	122	0.02 *U*	6.0	1.5	0.02 *U*	4.8	6,200	2.0	0.93	117	525	2.4	7,810
WCOY0023	SW-04	09/11/96	OYSTER-H1	3	144	0.02 *U*	6.3	1.5	0.02 *U*	5.6	6,350	2.0	0.89	110	648	2.0	7,830
WCOY0024	SW-04	09/11/96	OYSTER-H1	4	260	0.03	6.9	1.7	0.02 *U*	4.3	9,440	2.1	0.90	70.3	729	2.9	8,950
WCOY0025	SW-04	09/11/96	OYSTER-N		272	0.05	5.1	1.1	0.02 *U*	0.93	8,340	15.1	0.76	74.9	1,270	1.9	3,520
WCOY0026	SW-05	09/12/96	OYSTER-H1	1	687	0.02 *U*	8.6	2.2	0.02 *U*	2.6	13,100	3.1	0.50	50.6	504	0.57	14,400
WCOY0027	SW-05	09/12/96	OYSTER-H1	2	829	0.02	7.2	2.1	0.02	2.4	9,570	3.7	0.64	59.4	577	0.72	15,500
WCOY0028	SW-05	09/12/96	OYSTER-H1	3	474	0.02	7.4	1.4	0.02 *U*	4.1	7,230	3.2	0.59	100	410	0.54	12,600
WCOY0029	SW-05	09/12/96	OYSTER-N		705	0.03	8.7	1.7	0.02	1.2	13,900	4.6	0.57	115	683	0.84	8,260
WCOY0030	SW-06	09/12/96	OYSTER-N		891	0.02	8.4	2.1	0.03	1.0	28,900	4.4	0.54	141	682	0.76	7,610
WCOY0031	SW-07	09/12/96	OYSTER-H1	1													
WCOY0032	SW-07	09/12/96	OYSTER-N		1,820	0.02 *U*	9.0	3.6	0.05	0.94	18,900	8.0	0.84	170	1,330	1.2	7,520
WCOY0033	SW-08	09/12/96	OYSTER-H1	1	16,500	0.03	7.9	19.6	0.41	1.6	9,740	27.4	2.7	25.8	8,730	7.2	16,400
WCOY0034	SW-08	09/12/96	OYSTER-N		1,820	0.02 *U*	8.0	3.2	0.05	0.81	18,600	5.5	0.74	79.5	1,340	1.2	6,320
WCOY0035	SW-09	09/12/96	OYSTER-H1	1	908	0.02 *U*	7.0	1.9	0.02	2.8	6,330	3.4	0.83	133	633	0.72	12,700
WCOY0036	SW-09	09/12/96	OYSTER-N		1,890	0.02	6.4	3.5	0.05	1.2	25,400	4.9	0.73	130	1,360	1.5	6,580
WCOY0037	SW-10	09/12/96	OYSTER-H1	1	252	0.02 *U*	9.5	0.91	0.02 *U*	1.9	7,260	0.90	0.79	16.5	221	0.36	10,900

TABLE 1.1-4 (cont.)

Sample Number	Station	Date	Sample ID	Field rep.	Aluminum (mg/kg)	Antimony (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Calcium (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)
WCOY0038	SW-10	09/12/96	OYSTER-H3	1	350	0.02	6.8	0.81	0.02 *U*	2.6	6,380	1.2	0.82	40.2	282	0.41	10,600
WCOY0039	SW-10	09/12/96	OYSTER-H3	2	481	0.02 *U*	7.4	1.2	0.02 *U*	1.8	18,200	1.0	0.81	57.4	326	0.39	8,770
WCOY0040	SW-10	09/12/96	OYSTER-H3	3	448	0.02 *U*	7.4	0.87	0.02 *U*	1.9	6,320	1.0	0.67	32.6	996	0.39	8,690
WCOY0041	SW-10	09/12/96	OYSTER-H3	4	593	0.03	7.8	1.4	0.02	2.3	7,820	1.3	0.78	39.6	433	0.55	9,120
WCOY0042	SW-10	09/12/96	OYSTER-N		1,780	0.02	8.2	2.7	0.05	0.64	11,200	3.9	0.89	60.0	1,300	1.4	8,120
WCOY0043	SW-11	09/12/96	OYSTER-H1	1	7,540	0.02	10.6	9.7	0.20	2.7	11,600	9.1	1.6	24.1	4,140	3.1	13,100
WCOY0044	SW-11	09/12/96	OYSTER-H1	2	661	0.02 *U*	8.6	1.6	0.02 *U*	5.5	5,610	1.4	0.71	70.9	452	0.38	12,000
WCOY0046	SW-11	09/12/96	OYSTER-H1	4	240	0.02 *U*	9.0	1.0	0.02 *U*	2.7	5,400	0.90	0.50	26.6	201	0.21	12,300
WCOY0047	SW-11	09/12/96	OYSTER-H3	1	470	0.02 *U*	8.0	2.1	0.02 *U*	4.4	16,000	1.3	0.68	72.8	325	0.32	11,100
WCOY0048	SW-11	09/12/96	OYSTER-H3	2	598	0.02 *U*	7.9	1.3	0.02 *U*	2.7	11,400	1.3	0.50	36.2	397	0.34	9,570
WCOY0049	SW-11	09/12/96	OYSTER-H3	3	519	0.02 *U*	8.6	1.5	0.02	5.4	4,980	1.4	0.51	66.9	383	0.39	8,670
WCOY0050	SW-11	09/12/96	OYSTER-H3	4	520	0.02 *U*	8.7	1.5	0.02 *U*	3.5	6,670	1.3	0.59	75.2	362	0.36	10,500
WCOY0051	SW-11	09/12/96	OYSTER-N		1,710	0.02	12.9	3.1	0.04	1.7	7,120	2.8	0.77	55.8	1,170	0.90	7,630

TABLE 1.1-4. (cont.)

Sample Number	Station	Date	Sample ID	Field rep.	Manganese (mg/kg)	Total Mercury (µg/kg)	Methyl-mercury (µg/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)	Total Solids[a] (percent)	Total Solids[b] (percent)
WCOY0001	STOCK	06/10/96	OYSTER-1	1	10.2	39.4	29.8	1.6	6,940	2.0	0.21	4,890	0.02 *U*	0.40	1,230	18.5	18.8
WCOY0002	STOCK	06/10/96	OYSTER-1	2	7.8	60.7	35.0	2.1	6,850	1.0	0.24	6,630	0.02 *U*	0.41	1,550	16.0	16.3
WCOY0003	STOCK	06/10/96	OYSTER-1	3	7.7	85.9	41.5	1.6	6,360	2.0	0.21	6,920	0.02 *U*	0.50	1,300	16.2	14.2
WCOY0004	STOCK	06/10/96	OYSTER-1	4	9.4	73.6	40.5	2.0	7,290	1.0	0.23	7,540	0.02 *U*	0.50	1,730	14.9	14.8
WCOY0005	SITE	06/13/96	OYSTER-1		41.7	3,071	2,167	4.8	11,900	2.0	1.4	51,000	0.02 *U*	1.7	4,820	8.2	8.4
WCOY0006	SW-01	09/11/96	OYSTER-H1	1	98.9	5,792	2,313	4.6	9,300	2.0	0.84	74,400	0.02 *U*	1.4	4,130	3.7	4.8
WCOY0007	SW-01	09/11/96	OYSTER-H1	2	72.8	3,000	2,607	5.3	10,600	2.0 *U*	0.56	108,000	0.02 *U*	1.4	3,230	2.8	5.6
WCOY0008	SW-01	09/11/96	OYSTER-H1	3	81.8	4,732	2,371	5.0	8,000	2.0 *U*	0.68	70,800	0.02 *U*	1.8	2,850	4.1	4.1
WCOY0009	SW-01	09/11/96	OYSTER-H1	4	116	8,024	1,793	3.8	7,600	2.0 *U*	0.61	64,700	0.02 *U*	2.0	2,870	4.5	4.1
WCOY0010	SW-01	09/11/96	OYSTER-H2	1	112	3,095	2,095	4.6	11,400	2.0 *U*	0.57	82,200	0.02 *U*	1.5	3,130	6.8	4.2
WCOY0011	SW-01	09/11/96	OYSTER-N		63.8	3,479	1,802	3.5	7,700	3.0	2.2	34,100	0.02 *U*	3.8	6,060	13.8	12.1
WCOY0012	SW-02	09/12/96	OYSTER-H1	1	48.7	1,196	945	3.3	8,200	2.0 *U*	0.50	72,800	0.02 *U*	2.8	3,000	5.2	5.1
WCOY0013	SW-02	09/12/96	OYSTER-H3	1	58.1	510	383	4.1	8,230	2.0 *U*	0.70	75,600	0.02 *U*	1.6	2,910	6.6	8.6
WCOY0014	SW-02	09/12/96	OYSTER-H3	2	41.3	866	639	3.7	9,500	2.0	0.58	96,600	0.02 *U*	2.3	2,330	5.6	4.4
WCOY0015	SW-02	09/12/96	OYSTER-H3	3	22.8	694	395	3.5	8,020	2.0 *U*	0.52	70,500	0.02 *U*	1.1	2,230	7.8	6.3
WCOY0016	SW-02	09/12/96	OYSTER-H3	4	115	904	700	5.2	7,700	2.0 *U*	0.79	76,000	0.02 *U*	2.4	2,820	7.0	4.8
WCOY0017	SW-02	09/12/96	OYSTER-N		139	2,032	830	2.5	11,000	3.0	1.0	63,200	0.02 *U*	4.7	3,610	9.2	9.4
WCOY0018	SW-03	09/12/96	OYSTER-H1	1	24.2	1,188	751	3.2	12,100	2.0 *U*	0.69	74,800	0.02 *U*	1.1	4,010	6.4	7.2
WCOY0019	SW-03	09/12/96	OYSTER-H1	2	40.4	1,288	932	2.8	10,400	2.0 *U*	0.63	80,200	0.02 *U*	2.3	3,640	6.0	6.0
WCOY0020	SW-03	09/12/96	OYSTER-N		63.1	2,143	1,313	1.9	10,300	3.0	0.86	41,800	0.02 *U*	3.4	3,260	14.7	11.2
WCOY0021	SW-04	09/11/96	OYSTER-H1	1	44.6	1,839	1,341	3.3	8,200	2.0	0.45	43,300	0.02 *U*	1.4	4,240	3.9	4.6
WCOY0022	SW-04	09/11/96	OYSTER-H1	2	25.5	3,000	1,788	4.7	9,300	2.0 *U*	0.56	54,600	0.02 *U*	1.3	5,590	4.2	4.0
WCOY0023	SW-04	09/11/96	OYSTER-H1	3	58.4	2,050	1,745	4.7	9,100	2.0 *U*	0.44	55,200	0.02 *U*	1.4	4,850	4.2	4.2
WCOY0024	SW-04	09/11/96	OYSTER-H1	4	61.4	3,022	1,476	3.7	9,500	2.0 *U*	0.38	62,800	0.02 *U*	1.9	3,610	3.3	4.5
WCOY0025	SW-04	09/11/96	OYSTER-N		48.4	2,295	1,389	2.0	6,540	2.0	0.84	22,600	0.02 *U*	1.4	5,320	14.2	9.5
WCOY0026	SW-05	09/12/96	OYSTER-H1	1	43.1	647	351	3.2	8,900	2.0 *U*	0.56	108,000	0.02 *U*	1.6	2,520	3.0	5.1
WCOY0027	SW-05	09/12/96	OYSTER-H1	2	39.6	704	387	4.0	10,100	2.0 *U*	0.78	120,000	0.02 *U*	2.5	2,360	2.9	4.6
WCOY0028	SW-05	09/12/96	OYSTER-H1	3	33.2	746	610	4.0	11,000	2.0 *U*	1.1	96,300	0.02 *U*	1.7	5,100	4.4	4.8
WCOY0029	SW-05	09/12/96	OYSTER-N		54.7	947	561	2.1	9,400	3.0	2.3	63,700	0.02 *U*	2.7	4,480	10.3	11.4
WCOY0030	SW-06	09/12/96	OYSTER-N		60.0	575	490	2.0	8,300	3.0	3.0	56,600	0.02 *U*	2.8	4,810	11.7	10.1
WCOY0031	SW-07	09/12/96	OYSTER-H1	1		306	211										6.6
WCOY0032	SW-07	09/12/96	OYSTER-N		75.2	222	79.0	3.3	7,700	3.0	2.6	54,800	0.02 *U*	5.3	6,720	12.7	10.0
WCOY0033	SW-08	09/12/96	OYSTER-H1	1	135	179	74.6	7.2	12,100	2.0 *U*	0.57	117,000	0.12	25.5	1,330	5.3	6.7
WCOY0034	SW-08	09/12/96	OYSTER-N		63.8	264	179	2.9	9,600	2.0	2.1	43,700	0.02 *U*	3.8	4,520	11.7	9.9
WCOY0035	SW-09	09/12/96	OYSTER-H1	1	27.7	278	141	3.6	11,800	2.0 *U*	0.99	103,000	0.02 *U*	2.2	4,860	5.2	6.4
WCOY0036	SW-09	09/12/96	OYSTER-N		56.8	648	452	2.5	7,800	2.5	2.7	46,900	0.02 *U*	3.5	6,330	12.7	12.1
WCOY0037	SW-10	09/12/96	OYSTER-H1	1	23.7	143	87.3	1.6	13,100	2.0 *U*	0.16	89,800	0.02 *U*	1.1	756	6.0	6.3

TABLE 1.1-4 (cont.)

Sample Number	Station	Date	Sample ID	Field rep.	Manganese (mg/kg)	Total Mercury (µg/kg)	Methyl-mercury (µg/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)	Total Solids[a] (percent)	Total Solids[b] (percent)
WCOY0038	SW-10	09/12/96	OYSTER-H3	1	31.8	139	97.3	2.1	10,700	2.0 *U*	0.17	86,900	0.02 *U*	1.2	1,460	7.1	7.5
WCOY0039	SW-10	09/12/96	OYSTER-H3	2	47.2	85.6	54.6	2.1	11,700	2.0 *U*	0.30	70,800	0.02 *U*	1.2	1,910	8.4	9.7
WCOY0040	SW-10	09/12/96	OYSTER-H3	3	26.2	161	80.0	1.6	9,600	2.0	0.22	70,600	0.02 *U*	1.3	1,200	8.0	8.0
WCOY0041	SW-10	09/12/96	OYSTER-H3	4	27.9	182	84.7	2.1	11,000	2.5	0.26	73,100	0.02 *U*	1.5	1,490	7.7	7.2
WCOY0042	SW-10	09/12/96	OYSTER-N		46.0	174	74.8	2.5	9,600	2.0	0.66	60,900	0.02 *U*	3.4	2,030	18.6	10.7
WCOY0043	SW-11	09/12/96	OYSTER-H1	1	78.5	202	39.6	4.9	10,900	2.0 *U*	0.61	103,000	0.06	12.3	763	4.7	5.3
WCOY0044	SW-11	09/12/96	OYSTER-H1	2	25.5	100	58.7	2.3	9,860	2.0 *U*	1.1	93,500	0.02 *U*	1.8	3,200	6.9	6.3
WCOY0046	SW-11	09/12/96	OYSTER-H1	4	14.8	109	54.4	2.2	11,100	2.0 *U*	0.44	101,000	0.02 *U*	1.1	958	5.4	5.7
WCOY0047	SW-11	09/12/96	OYSTER-H3	1	24.4	87.5	53.1	2.8	8,500	2.0	0.82	87,300	0.02 *U*	1.5	1,820	8.0	6.4
WCOY0048	SW-11	09/12/96	OYSTER-H3	2	17.6	108	61.4	3.1	9,100	2.0	0.60	76,000	0.02 *U*	1.4	1,180	8.3	8.8
WCOY0049	SW-11	09/12/96	OYSTER-H3	3	19.3	101	57.1	2.5	7,600	2.0 *U*	0.86	66,600	0.02 *U*	1.7	1,480	7.8	7.0
WCOY0050	SW-11	09/12/96	OYSTER-H3	4	22.2	118	55.4	3.4	9,700	2.0 *U*	1.1	83,000	0.02 *U*	1.3	1,590	6.7	6.5
WCOY0051	SW-11	09/12/96	OYSTER-N		41.7	158	57.6	2.2	12,300	3.0	1.7	56,600	0.02 *U*	3.5	1,640	13.3	12.5

Note: Results are reported on a dry weight basis.

U - undetected

[a] Total solids results from the target analyte list metals analyses.

[b] Total solids results from the total mercury and methylmercury analyses.

TABLE 1.1-5. OYSTER TISSUE SAMPLES—SEMIVOLATILE ORGANIC COMPOUNDS

Sample Number	Station	Date	Sample ID	Field rep.	Hexachloro-benzene (mg/kg)	2-Chloro-naphthalene (mg/kg)	1,2-Dichloro-benzene (mg/kg)	1,3-Dichloro-benzene (mg/kg)	1,4-Dichloro-benzene (mg/kg)	1,2,4-Trichloro-benzene (mg/kg)	Naphthalene (mg/kg)	Acenaphthylene (mg/kg)	Acenaphthene (mg/kg)	Fluorene (mg/kg)
WCOY0001	STOCK	06/10/96	OYSTER-1	1	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*
WCOY0002	STOCK	06/10/96	OYSTER-1	2	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*
WCOY0003	STOCK	06/10/96	OYSTER-1	3	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*
WCOY0004	STOCK	06/10/96	OYSTER-1	4	2.0 *U*	2.0 *U*	2.0 *U*	2.0 *U*	2.0 *U*	2.0 *U*	2.0 *U*	2.0 *U*	2.0 *U*	2.0 *U*
WCOY0005	SITE	06/13/96	OYSTER-1		3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*
WCOY0011	SW-01	09/11/96	OYSTER-N		2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*
WCOY0017	SW-02	09/12/96	OYSTER-N		2.5 *UJ*	1.5 *UJ*	1.5 *UJ*	1.5 *UJ*	1.5 *UJ*	1.5 *UJ*	1.5 *UJ*	1.5 *UJ*	1.5 *UJ*	2.5 *UJ*
WCOY0020	SW-03	09/12/96	OYSTER-N		2.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	2.5 *U*
WCOY0025	SW-04	09/11/96	OYSTER-N		2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*
WCOY0029	SW-05	09/12/96	OYSTER-N		2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*
WCOY0030	SW-06	09/12/96	OYSTER-N		2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*
WCOY0032	SW-07	09/12/96	OYSTER-N		2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*
WCOY0034	SW-08	09/12/96	OYSTER-N		2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*
WCOY0036	SW-09	09/12/96	OYSTER-N		2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*
WCOY0042	SW-10	09/12/96	OYSTER-N		2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*
WCOY0051	SW-11	09/12/96	OYSTER-N		2.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	2.5 *U*

TABLE 1.1-5. (cont.)

Sample Number	Station	Date	Sample ID	Field rep.	Phenanthrene (mg/kg)	Anthracene (mg/kg)	2-Methyl-naphthalene (mg/kg)	Fluoranthene (mg/kg)	Pyrene (mg/kg)	Benz[a]-anthracen (mg/kg)	Chrysene (mg/kg)	Benzo[b]-fluoranthene (mg/kg)	Benzo[k]-fluoranthene (mg/kg)	Benzo[a]-pyrene (mg/kg)	Indeno[1,2,3-cd]pyrene (mg/kg)
WCOY0001	STOCK	06/10/96	OYSTER-1	1	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*
WCOY0002	STOCK	06/10/96	OYSTER-1	2	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*
WCOY0003	STOCK	06/10/96	OYSTER-1	3	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*
WCOY0004	STOCK	06/10/96	OYSTER-1	4	2.0 *U*	2.0 *U*	2.0 *U*	2.0 *U*	2.0 *U*	2.0 *U*	2.0 *U*	2.0 *U*	2.0 *U*	2.0 *U*	2.0 *U*
WCOY0005	SITE	06/13/96	OYSTER-1		3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*
WCOY0011	SW-01	09/11/96	OYSTER-N		2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*
WCOY0017	SW-02	09/12/96	OYSTER-N		2.5 *UJ*	2.5 *UJ*	1.5 *UJ*	0.70 *J*	2.5 *UJ*	2.5 *UJ*	2.5 *UJ*	2.5 *UJ*	2.5 *UJ*	2.5 *UJ*	2.5 *UJ*
WCOY0020	SW-03	09/12/96	OYSTER-N		2.5 *U*	2.5 *U*	1.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*
WCOY0025	SW-04	09/11/96	OYSTER-N		2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*
WCOY0029	SW-05	09/12/96	OYSTER-N		2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*
WCOY0030	SW-06	09/12/96	OYSTER-N		2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*
WCOY0032	SW-07	09/12/96	OYSTER-N		2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*
WCOY0034	SW-08	09/12/96	OYSTER-N		2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*
WCOY0036	SW-09	09/12/96	OYSTER-N		2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*
WCOY0042	SW-10	09/12/96	OYSTER-N		2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*
WCOY0051	SW-11	09/12/96	OYSTER-N		2.5 *U*	2.5 *U*	1.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*

TABLE 1.1-5. (cont.)

Sample Number	Station	Date	Sample ID	Field rep.	Dibenz[a,h]-anthracene (mg/kg)	Benzo[ghi]-perylene (mg/kg)	Phenol (mg/kg)	2-Methyl-phenol (mg/kg)	3- and 4-Methyl-phenol (mg/kg)	2,4-Dimethyl-phenol (mg/kg)	2-Chloro-phenol (mg/kg)	2,4-Dichloro-phenol (mg/kg)	4-Chloro-3-methyl-phenol (mg/kg)	2,4,6-Trichloro-phenol (mg/kg)	2,4,5-Trichloro-phenol (mg/kg)	Penta-chloro-phenol (mg/kg)	2-Nitrophenol (mg/kg)
WCOY0001	STOCK	06/10/96	OYSTER-1	1	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	11 *U*	1.6 *U*
WCOY0002	STOCK	06/10/96	OYSTER-1	2	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	13 *U*	1.9 *U*
WCOY0003	STOCK	06/10/96	OYSTER-1	3	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	12 *U*	1.9 *U*
WCOY0004	STOCK	06/10/96	OYSTER-1	4	2.0 *U*	2.0 *U*	2.0 *U*	2.0 *U*	2.0 *U*	2.0 *U*	2.0 *U*	2.0 *U*	2.0 *U*	2.0 *U*	2.0 *U*	13 *U*	2.0 *U*
WCOY0005	SITE	06/13/96	OYSTER-1		3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	1.2 *J*	3.7 *U*
WCOY0011	SW-01	09/11/96	OYSTER-N		2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	16 *U*	2.5 *U*
WCOY0017	SW-02	09/12/96	OYSTER-N		2.5 *UJ*	2.5 *U*	2.5 *UJ*	2.5 *UJ*	2.5 *UJ*	2.5 *UJ*	2.5 *UJ*	2.5 *UJ*	2.5 *UJ*	2.5 *UJ*	2.5 *UJ*	16 *UJ*	2.5 *UJ*
WCOY0020	SW-03	09/12/96	OYSTER-N		2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	16 *U*	2.5 *U*
WCOY0025	SW-04	09/11/96	OYSTER-N		2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	16 *U*	2.5 *U*
WCOY0029	SW-05	09/12/96	OYSTER-N		2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	16 *U*	2.5 *U*
WCOY0030	SW-06	09/12/96	OYSTER-N		2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	16 *U*	2.5 *U*
WCOY0032	SW-07	09/12/96	OYSTER-N		2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	16 *U*	2.5 *U*
WCOY0034	SW-08	09/12/96	OYSTER-N		2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	16 *U*	2.5 *U*
WCOY0036	SW-09	09/12/96	OYSTER-N		2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	16 *U*	2.5 *U*
WCOY0042	SW-10	09/12/96	OYSTER-N		2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	16 *U*	2.5 *U*
WCOY0051	SW-11	09/12/96	OYSTER-N		2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	16 *U*	2.5 *U*

TABLE 1.1-5. (cont.)

Sample Number	Station	Date	Sample ID	Field rep.	4-Nitrophenol (mg/kg)	2,4-Dinitrophenol (mg/kg)	2-Methyl-4,6-dinitrophenol (mg/kg)	Hexachloro-ethane (perchloro-ethane) (mg/kg)	Hexachloro-butadiene (mg/kg)	Hexachloro-cyclopenta-diene (mg/kg)	Bis[2-chloro-ethyl]-ether (mg/kg)	Bis(2-chloro-isopropyl)-ether (mg/kg)	4-Chloro-phenyl-phenyl ether (mg/kg)	4-Bromo-phenyl-phenyl ether (mg/kg)	Bis(2-chloro-ethoxy)-methane (mg/kg)	Dimethyl phthalate (mg/kg)
WCOY0001	STOCK	06/10/96	OYSTER-1	1	11 *U*	11 *U*	11 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*
WCOY0002	STOCK	06/10/96	OYSTER-1	2	13 *U*	13 *U*	13 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*
WCOY0003	STOCK	06/10/96	OYSTER-1	3	12 *U*	12 *U*	12 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*
WCOY0004	STOCK	06/10/96	OYSTER-1	4	13 *U*	13 *U*	13 *U*	2.0 *U*	2.0 *U*	2.0 *U*	2.0 *U*	2.0 *U*	2.0 *U*	2.0 *U*	2.0 *U*	2.0 *U*
WCOY0005	SITE	06/13/96	OYSTER-1		24 *U*	24 *U*	24 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*
WCOY0011	SW-01	09/11/96	OYSTER-N		16 *U*	20 *U*	16 *U*	2.5 *U*	2.5 *U*	2.5 *UJ*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*
WCOY0017	SW-02	09/12/96	OYSTER-N		16 *UJ*	20 *UJ*	16 *UJ*	1.5 *UJ*	1.5 *UJ*	1.5 *UJ*	1.5 *UJ*	1.5 *UJ*	2.5 *UJ*	2.5 *UJ*	1.5 *UJ*	1.5 *UJ*
WCOY0020	SW-03	09/12/96	OYSTER-N		16 *U*	20 *U*	16 *U*	1.5 *U*	1.5 *U*	1.5 *UJ*	1.5 *U*	1.5 *U*	2.5 *U*	2.5 *U*	1.5 *U*	1.5 *U*
WCOY0025	SW-04	09/11/96	OYSTER-N		16 *U*	20 *U*	16 *U*	2.5 *U*	2.5 *U*	2.5 *UJ*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*
WCOY0029	SW-05	09/12/96	OYSTER-N		16 *U*	20 *U*	16 *U*	2.5 *U*	2.5 *U*	2.5 *UJ*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*
WCOY0030	SW-06	09/12/96	OYSTER-N		16 *U*	20 *U*	16 *U*	2.5 *U*	2.5 *U*	2.5 *UJ*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*
WCOY0032	SW-07	09/12/96	OYSTER-N		16 *U*	20 *U*	16 *U*	2.5 *U*	2.5 *U*	2.5 *UJ*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*
WCOY0034	SW-08	09/12/96	OYSTER-N		16 *U*	20 *U*	16 *U*	2.5 *U*	2.5 *U*	2.5 *UJ*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*
WCOY0036	SW-09	09/12/96	OYSTER-N		16 *U*	20 *U*	16 *U*	2.5 *U*	2.5 *U*	2.5 *UJ*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*
WCOY0042	SW-10	09/12/96	OYSTER-N		16 *U*	20 *U*	16 *U*	2.5 *U*	2.5 *U*	2.5 *UJ*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*
WCOY0051	SW-11	09/12/96	OYSTER-N		16 *U*	20 *U*	16 *U*	1.5 *U*	1.5 *U*	1.5 *UJ*	1.5 *U*	1.5 *U*	2.5 *U*	2.5 *U*	1.5 *U*	1.5 *U*

TABLE 1.1-5. (cont.)

Sample Number	Station	Date	Sample ID	Field rep.	Diethyl phthalate (mg/kg)	Di-n-butyl phthalate (mg/kg)	Bis(2-ethyl-hexyl)-phthalate (mg/kg)	Di-n-octyl phthalate (mg/kg)	Butylbenzyl phthalate (mg/kg)	Isophorone (mg/kg)	Benzyl Alcohol (mg/kg)	Benzoic Acid (mg/kg)	Dibenzofuran (mg/kg)	Aniline (mg/kg)	Nitrobenzene (mg/kg)	N-nitroso-di-n-propylamine (mg/kg)
WCOY0001	STOCK	06/10/96	OYSTER-1	1	1.6 *U*	1.6 *U*	8.1 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	11 *U*	1.6 *U*	5.4 *U*	1.6 *U*	1.6 *U*
WCOY0002	STOCK	06/10/96	OYSTER-1	2	1.9 *U*	1.9 *U*	8.8 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	13 *U*	1.9 *U*	6.3 *U*	1.9 *U*	1.9 *U*
WCOY0003	STOCK	06/10/96	OYSTER-1	3	1.9 *U*	1.9 *U*	3.7 *U*	1.9 *U*	1.9 *U*	1.9 *U*	1.9 *U*	12 *U*	1.9 *U*	6.2 *U*	1.9 *U*	1.9 *U*
WCOY0004	STOCK	06/10/96	OYSTER-1	4	2.0 *U*	2.0 *U*	12 *U*	2.0 *U*	2.0 *U*	2.0 *U*	2.0 *U*	13 *U*	2.0 *U*	6.7 *U*	2.0 *U*	2.0 *U*
WCOY0005	SITE	06/13/96	OYSTER-1		3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	3.7 *U*	24 *U*	3.7 *U*	12 *U*	3.7 *U*	3.7 *U*
WCOY0011	SW-01	09/11/96	OYSTER-N		2.5 *U*	2.5 *U*	11 *J*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	8.0 *J*	2.5 *U*	8.0 *U*	2.5 *U*	2.5 *U*
WCOY0017	SW-02	09/12/96	OYSTER-N		2.5 *UJ*	2.5 *UJ*	2.5 *UJ*	2.5 *UJ*	2.5 *UJ*	1.5 *UJ*	2.5 *UJ*	6.0 *J*	1.5 *UJ*	5.0 *UJ*	1.5 *UJ*	1.5 *UJ*
WCOY0020	SW-03	09/12/96	OYSTER-N		2.5 *U*	2.5 *U*	7.2 *U*	2.5 *U*	2.5 *U*	1.5 *U*	2.5 *U*	4.0 *J*	1.5 *U*	5.0 *U*	1.5 *U*	1.5 *U*
WCOY0025	SW-04	09/11/96	OYSTER-N		2.5 *U*	2.5 *U*	8.9 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	5.0 *J*	2.5 *U*	8.0 *U*	2.5 *U*	2.5 *U*
WCOY0029	SW-05	09/12/96	OYSTER-N		2.5 *U*	2.5 *U*	14 *J*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	11 *J*	2.5 *U*	8.0 *U*	2.5 *U*	2.5 *U*
WCOY0030	SW-06	09/12/96	OYSTER-N		2.5 *U*	2.5 *U*	11 *J*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	5.0 *J*	2.5 *U*	8.0 *U*	2.5 *U*	2.5 *U*
WCOY0032	SW-07	09/12/96	OYSTER-N		2.5 *U*	2.5 *U*	11 *J*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	6.0 *J*	2.5 *U*	8.0 *U*	2.5 *U*	2.5 *U*
WCOY0034	SW-08	09/12/96	OYSTER-N		2.5 *U*	2.5 *U*	10 *J*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	16 *U*	2.5 *U*	8.0 *U*	2.5 *U*	2.5 *U*
WCOY0036	SW-09	09/12/96	OYSTER-N		2.5 *U*	2.5 *U*	8.1 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	4.0 *J*	2.5 *U*	8.0 *U*	2.5 *U*	2.5 *U*
WCOY0042	SW-10	09/12/96	OYSTER-N		2.5 *U*	2.5 *U*	7.8 *U*	2.5 *U*	2.5 *U*	2.5 *U*	2.5 *U*	4.0 *J*	2.5 *U*	8.0 *U*	2.5 *U*	2.5 *U*
WCOY0051	SW-11	09/12/96	OYSTER-N		2.5 *U*	2.5 *U*	7.4 *U*	2.5 *U*	2.5 *U*	1.5 *U*	2.5 *U*	5.0 *J*	1.5 *U*	5.0 *U*	1.5 *U*	1.5 *U*

TABLE 1.1-5. (cont.)

Sample Number	Station	Date	Sample ID	Field rep.	2-Nitroaniline (mg/kg)	3-Nitroaniline (mg/kg)	4-Nitroaniline (mg/kg)	2,6-Dinitrotoluene (mg/kg)	2,4-Dinitrotoluene (mg/kg)	N-nitrosodiphenyl-amine (mg/kg)	N-nitroso dimethyl-amine (mg/kg)	4-Chloro-aniline (mg/kg)	3,3'-Dichloro-benzidine (mg/kg)
WCOY0001	STOCK	06/10/96	OYSTER-1	1	11 *U*	11 *U*	11 *U*	1.6 *U*	1.6 *U*	1.6 *U*	11 *U*	1.6 *U*	11 *U*
WCOY0002	STOCK	06/10/96	OYSTER-1	2	13 *U*	13 *U*	13 *U*	1.9 *U*	1.9 *U*	1.9 *U*	13 *U*	1.9 *U*	13 *U*
WCOY0003	STOCK	06/10/96	OYSTER-1	3	12 *U*	12 *U*	12 *U*	1.9 *U*	1.9 *U*	1.9 *U*	12 *U*	1.9 *U*	12 *U*
WCOY0004	STOCK	06/10/96	OYSTER-1	4	13 *U*	13 *U*	13 *U*	2.0 *U*	2.0 *U*	2.0 *U*	13 *U*	2.0 *U*	13 *U*
WCOY0005	SITE	06/13/96	OYSTER-1		24 *U*	24 *U*	24 *U*	3.7 *U*	3.7 *U*	3.7 *U*	24 *U*	3.7 *U*	24 *U*
WCOY0011	SW-01	09/11/96	OYSTER-N		16 *U*	16 *U*	16 *U*	2.5 *U*	2.5 *U*	2.5 *U*	16 *U*	2.5 *U*	16 *U*
WCOY0017	SW-02	09/12/96	OYSTER-N		10 *UJ*	10 *UJ*	16 *UJ*	2.5 *UJ*	1.5 *UJ*	2.5 *UJ*	10 *UJ*	1.5 *UJ*	16 *UJ*
WCOY0020	SW-03	09/12/96	OYSTER-N		10 *U*	10 *U*	16 *U*	2.5 *U*	1.5 *U*	2.5 *U*	10 *U*	1.5 *U*	16 *U*
WCOY0025	SW-04	09/11/96	OYSTER-N		16 *U*	16 *U*	16 *U*	2.5 *U*	2.5 *U*	2.5 *U*	16 *U*	2.5 *U*	16 *U*
WCOY0029	SW-05	09/12/96	OYSTER-N		16 *U*	16 *U*	16 *U*	2.5 *U*	2.5 *U*	2.5 *U*	16 *U*	2.5 *U*	16 *U*
WCOY0030	SW-06	09/12/96	OYSTER-N		16 *U*	16 *U*	16 *U*	2.5 *U*	2.5 *U*	2.5 *U*	16 *U*	2.5 *U*	16 *U*
WCOY0032	SW-07	09/12/96	OYSTER-N		16 *U*	16 *U*	16 *U*	2.5 *U*	2.5 *U*	2.5 *U*	16 *U*	2.5 *U*	16 *U*
WCOY0034	SW-08	09/12/96	OYSTER-N		16 *U*	16 *U*	16 *U*	2.5 *U*	2.5 *U*	2.5 *U*	16 *U*	2.5 *U*	16 *U*
WCOY0036	SW-09	09/12/96	OYSTER-N		16 *U*	16 *U*	16 *U*	2.5 *U*	2.5 *U*	2.5 *U*	16 *U*	2.5 *U*	16 *U*
WCOY0042	SW-10	09/12/96	OYSTER-N		16 *U*	16 *U*	16 *U*	2.5 *U*	2.5 *U*	2.5 *U*	16 *U*	2.5 *U*	16 *U*
WCOY0051	SW-11	09/12/96	OYSTER-N		10 *U*	10 *U*	16 *U*	2.5 *U*	1.5 *U*	2.5 *U*	10 *U*	1.5 *U*	16 *U*

Note: Results are reported on a dry weight basis.

J - estimated

U - undetected

TABLE 1.1-6. OYSTER TISSUE SAMPLES—PESTICIDES, PCBs, AND LIPIDS

Sample Number	Station	Date	Sample ID	Field rep.	Lipid (percent)	alpha-Hexachloro-cyclohexane (µg/kg)	beta-Hexachloro-cyclohexane (µg/kg)	delta-Hexachloro-cyclohexane (µg/kg)	gamma-Hexachloro-cyclohexane (µg/kg)	Aldrin (µg/kg)	Dieldrin (µg/kg)	alpha-Endosulfan (µg/kg)	beta-Endosulfan (µg/kg)	Endosulfan Sulfate (µg/kg)
WCOY0001	STOCK	06/10/96	OYSTER-1	1	2.3	11 *U*	11 *U*	11 *U*	11 *U*	11 *U*	5	11 *U*	4.3 *U*	11 *U*
WCOY0002	STOCK	06/10/96	OYSTER-1	2	1.8	13 *U*	5.6 *U*	13 *U*	13 *U*	13 *U*	5.6	13 *U*	3.8 *U*	13 *U*
WCOY0003	STOCK	06/10/96	OYSTER-1	3	1.8	12 *U*	12 *U*	12 *U*	12 *U*	12 *U*	3.7	12 *U*	12 *U*	12 *U*
WCOY0004	STOCK	06/10/96	OYSTER-1	4	1.4	13 *U*	4.0 *U*	13 *U*	13 *U*	13 *U*	4.0	13 *U*	2.0 *U*	13 *U*
WCOY0005	SITE	06/13/96	OYSTER-1		0.60	24 *U*	24 *U*	24 *U*	24 *U*	24 *U*	6.1 *U*	6.1 *U*	9.8 *U*	24 *U*
WCOY0006	SW-01	09/11/96	OYSTER-H1	1	0.11	6.0 *U*	20.0 *U*	20.0 *U*	6.0 *U*	6.0 *U*	20.0 *U*	6.0 *U*	6.0 *U*	20.0 *U*
WCOY0007	SW-01	09/11/96	OYSTER-H1	2	0.10	7.0 *U*	20.0 *U*	20.0 *U*	7.0 *U*	7.0 *U*	20.0 *U*	7.0 *U*	20.0 *U*	20.0 *U*
WCOY0008	SW-01	09/11/96	OYSTER-H1	3	0.080	5.0 *U*	10.0 *U*	10.0 *U*	5.0 *U*	5.0 *U*	10.0 *U*	5.0 *U*	5.0 *U*	10.0 *U*
WCOY0009	SW-01	09/11/96	OYSTER-H1	4	0.12	4.0 *U*	8.0 *U*	8.0 *U*	5.0 *U*	4.0 *U*	20.0 *U*	4.0 *U*	10.0 *U*	8.0 *U*
WCOY0010	SW-01	09/11/96	OYSTER-H2	1	0.15	3.0 *U*	6.0 *U*	6.0 *U*	3.0 *U*	3.0 *U*	20 *U*	3.0 *U*	10.0 *U*	6.0 *U*
WCOY0011	SW-01	09/11/96	OYSTER-N		0.36	2.0 *U*	4.0 *U*	4.0 *U*	4.0 *U*	3.0 *U*	10 *U*	2.0 *U*	5.0 *U*	6.0 *U*
WCOY0012	SW-02	09/12/96	OYSTER-H1	1	0.0057	5.0 *U*	10.0 *U*	10.0 *U*	5.0 *U*	5.0 *U*	10.0 *U*	5.0 *U*	5.0 *U*	10.0 *U*
WCOY0013	SW-02	09/12/96	OYSTER-H3	1	0.24	4.0 *U*	8.0 *U*	8.0 *U*	4.0 *U*	4.0 *U*	8.0 *U*	4.0 *U*	4.0 *U*	8.0 *U*
WCOY0014	SW-02	09/12/96	OYSTER-H3	2	0.12	4.0 *U*	8.0 *U*	8.0 *U*	4.0 *U*	4.0 *U*	8.0 *U*	4.0 *U*	4.0 *U*	8.0 *U*
WCOY0015	SW-02	09/12/96	OYSTER-H3	3	0.15	3.0 *U*	6.0 *U*	6.0 *U*	3.0 *U*	3.0 *U*	6.0 *U*	3.0 *U*	10.0 *U*	6.0 *U*
WCOY0016	SW-02	09/12/96	OYSTER-H3	4	0.25	6.0 *U*	20 *U*	20 *U*	6.0 *U*	6.0 *U*	20 *U*	6.0 *U*	6.0 *U*	20 *U*
WCOY0017	SW-02	09/12/96	OYSTER-N		0.45	3.0 *U*	9.0 *U*	6.0 *U*	8.0 *U*	3.0 *U*	6.0 *U*	3.0 *U*	10.0 *U*	6.0 *U*
WCOY0018	SW-03	09/12/96	OYSTER-H1	1	0.056	3.0 *U*	6.0 *U*	6.0 *U*	4.0 *U*	3.0 *U*	6.0 *U*	3.0 *U*	10.0 *U*	6.0 *U*
WCOY0019	SW-03	09/12/96	OYSTER-H1	2	0.36	5.0 *U*	10.0 *U*	10.0 *U*	10.0	5.0 *U*	20	5.0 *U*	20 *U*	10.0 *U*
WCOY0020	SW-03	09/12/96	OYSTER-N		0.88	2.0 *U*	7 *U*	4.0 *U*	6.0 *U*	2.0 *U*	4.0 *U*	4.0 *U*	10 *U*	4.0 *U*
WCOY0021	SW-04	09/11/96	OYSTER-H1	1	0.18	4.0 *U*	8.0 *U*	8.0 *U*	20.0 *U*	4.0 *U*	8.0 *U*	4.0 *U*	10.0 *U*	8.0 *U*
WCOY0022	SW-04	09/11/96	OYSTER-H1	2	0.13	5.0 *U*	10.0 *U*	20.0 *U*	6.0 *U*	5.0 *U*	10.0 *U*	5.0 *U*	5.0 *U*	10.0 *U*
WCOY0023	SW-04	09/11/96	OYSTER-H1	3	0.23	5.0 *U*	10.0 *U*	10.0 *U*	5.0 *U*	5.0 *U*	10.0 *U*	5.0 *U*	20.0 *U*	10.0 *U*
WCOY0024	SW-04	09/11/96	OYSTER-H1	4	0.19	6.0 *U*	20.0 *U*	20.0 *U*	10.0 *U*	6.0 *U*	20.0 *U*	6.0 *U*	20.0 *U*	20.0 *U*
WCOY0025	SW-04	09/11/96	OYSTER-N		0.71	2.0 *U*	4.0 *U*	4.0 *U*	5.0 *U*	2.0 *U*	4.0 *U*	2.0 *U*	10 *U*	7 *U*
WCOY0026	SW-05	09/12/96	OYSTER-H1	1	0.12	7.0 *U*	20.0 *U*	20.0 *U*	20.0 *U*	7.0 *U*	20.0 *U*	7.0 *U*	20.0 *U*	20.0 *U*
WCOY0027	SW-05	09/12/96	OYSTER-H1	2	0.12	7.0 *U*	20.0 *U*	20.0 *U*	20.0 *U*	7.0 *U*	20.0 *U*	7.0 *U*	7.0 *U*	20.0 *U*
WCOY0028	SW-05	09/12/96	OYSTER-H1	3	0.21	5.0 *U*	10.0 *U*	10.0 *U*	20.0 *U*	5.0 *U*	10.0 *U*	5.0 *U*	20.0 *U*	10.0 *U*
WCOY0029	SW-05	09/12/96	OYSTER-N		0.30	4.0 *U*	4.0 *U*	4.0 *U*	5.0 *U*	2.0 *U*	4.0 *U*	2.0 *U*	3.0 *U*	4.0 *U*
WCOY0030	SW-06	09/12/96	OYSTER-N		0.52	2.0 *U*	4.0 *U*	4.0 *U*	3.0 *U*	2.0 *U*	4.0 *U*	2.0 *U*	5.0 *U*	4.0 *U*
WCOY0032	SW-07	09/12/96	OYSTER-N		0.56	2.0 *U*	4.0 *U*	4.0 *U*	3.0 *U*	2.0 *U*	4.0 *U*	2.0 *U*	4.0 *U*	4.0 *U*
WCOY0033	SW-08	09/12/96	OYSTER-H1	1	0.21	9.0 *U*	20 *U*	20 *U*	20 *U*	9.0 *U*	20 *U*	9.0 *U*	10.0 *U*	20 *U*
WCOY0034	SW-08	09/12/96	OYSTER-N		0.56	2.0 *U*	4.0 *U*	4.0 *U*	2.0 *U*	2.0 *U*	4.0 *U*	2.0 *U*	2.0 *U*	4.0 *U*
WCOY0035	SW-09	09/12/96	OYSTER-H1	1	0.17	5.0 *U*	10.0 *U*	10.0 *U*	5.0 *U*	5.0 *U*	10.0 *U*	5.0 *U*	5.0 *U*	10.0 *U*
WCOY0036	SW-09	09/12/96	OYSTER-N		0.58	2.0 *U*	4.0 *U*	4.0 *U*	4.0 *U*	2.0 *U*	4.0 *U*	2.0 *U*	3.0 *U*	4.0 *U*

TABLE 1.1-6. (cont.)

Sample Number	Station	Date	Sample ID	Field rep.	Lipid (percent)	alpha-Hexachloro-cyclohexane (µg/kg)	beta-Hexachloro-cyclohexane (µg/kg)	delta-Hexachloro-cyclohexane (µg/kg)	gamma-Hexachloro-cyclohexane (µg/kg)	Aldrin (µg/kg)	Dieldrin (µg/kg)	alpha-Endosulfan (µg/kg)	beta-Endosulfan (µg/kg)	Endosulfan Sulfate (µg/kg)
WCOY0037	SW-10	09/12/96	OYSTER-H1	1	0.35	6.0 *U*	20 *U*	20 *U*	6.0 *U*	6.0 *U*	20 *U*	6.0 *U*	6.0 *U*	20 *U*
WCOY0038	SW-10	09/12/96	OYSTER-H3	1	0.26	3.0 *U*	6.0 *U*	6.0 *U*	3.0 *U*	3.0 *U*	6.0 *U*	3.0 *U*	3.0 *U*	6.0 *U*
WCOY0039	SW-10	09/12/96	OYSTER-H3	2	0.36	3.0 *U*	6.0 *U*	6.0 *U*	6.0 *U*	3.0 *U*	6.0 *U*	3.0 *U*	3.0 *U*	6.0 *U*
WCOY0040	SW-10	09/12/96	OYSTER-H3	3	0.33	3.0 *U*	6.0 *U*	6.0 *U*	4.0 *U*	3.0 *U*	6.0 *U*	3.0 *U*	3.0 *U*	6.0 *U*
WCOY0041	SW-10	09/12/96	OYSTER-H3	4	0.33	3.0 *U*	6.0 *U*	6.0 *U*	3.0 *U*	3.0 *U*	6.0 *U*	3.0 *U*	3.0 *U*	6.0 *U*
WCOY0042	SW-10	09/12/96	OYSTER-N		0.55	1.0 *U*	5.0 *U*	2.0 *U*	4.0 *U*	1.0 *U*	2.0 *U*	1.0 *U*	2.0 *U*	2.0 *U*
WCOY0043	SW-11	09/12/96	OYSTER-H1	1	0.22	5.0 *U*	10.0 *U*	10.0 *U*	10.0	5.0 *U*	10.0 *U*	5.0 *U*	5.0 *U*	10.0 *U*
WCOY0044	SW-11	09/12/96	OYSTER-H1	2	0.19	4.0 *U*	8.0 *U*	8.0 *U*	4.0 *U*	4.0 *U*	8.0 *U*	4.0 *U*	4.0 *U*	8.0 *U*
WCOY0046	SW-11	09/12/96	OYSTER-H1	4	0.23	5.0 *U*	10.0 *U*	10.0 *U*	8.0 *U*	5.0 *U*	10.0 *U*	5.0 *U*	5.0 *U*	10.0 *U*
WCOY0047	SW-11	09/12/96	OYSTER-H3	1	0.22	3.0 *U*	6.0 *U*	9.0 *U*	3.0 *U*	3.0 *U*	6.0 *U*	3.0 *U*	3.0 *U*	6.0 *U*
WCOY0048	SW-11	09/12/96	OYSTER-H3	2	0.40	3.0 *U*	6.0 *U*	6.0 *U*	4.0 *U*	3.0 *U*	7.0 *U*	3.0 *U*	10.0 *U*	6.0 *U*
WCOY0049	SW-11	09/12/96	OYSTER-H3	3	0.35	3.0 *U*	6.0 *U*	9.0 *U*	4.0 *U*	3.0 *U*	6.0 *U*	3.0 *U*	7.0 *U*	6.0 *U*
WCOY0050	SW-11	09/12/96	OYSTER-H3	4	0.21	3.0 *U*	6.0 *U*	6.0 *U*	8.0 *U*	3.0 *U*	6.0 *U*	3.0 *U*	5.0 *U*	6.0 *U*
WCOY0051	SW-11	09/12/96	OYSTER-N		0.75	2.0 *U*	4.0 *U*	4.0 *U*	7.0 *U*	2.0 *U*	4.0 *U*	2.0 *U*	20 *U*	4.0 *U*

TABLE 1.1-6. (cont.)

Sample Number	Station	Date	Sample ID	Field rep.	Endrin (µg/kg)	Endrin Aldehyde (µg/kg)	Heptachlor (µg/kg)	Heptachlor Epoxide (µg/kg)	Methoxychlor (µg/kg)	4,4'-DDD (µg/kg)	4,4'-DDE (µg/kg)	4,4'-DDT (µg/kg)	Toxaphene (µg/kg)	Aroclor® 1016 (µg/kg)	Aroclor® 1221 (µg/kg)
WCOY0001	STOCK	06/10/96	OYSTER-1	1	11 *U*	2.2 *U*	4.3 *U*	11 *U*	22 *U*	2.2	5	2.2	162 *U*	54 *U*	54 *U*
WCOY0002	STOCK	06/10/96	OYSTER-1	2	13 *U*	2.5 *U*	3.8 *U*	13 *U*	25 *U*	1.9	6	2.5	188 *U*	63 *U*	63 *U*
WCOY0003	STOCK	06/10/96	OYSTER-1	3	12 *U*	2.5 *U*	1.9 *U*	12 *U*	25 *U*	1.2	3.1	2.5 *U*	185 *U*	62 *U*	62 *U*
WCOY0004	STOCK	06/10/96	OYSTER-1	4	13 *U*	2.7 *U*	2.7 *U*	13 *U*	27 *U*	2.0	4.0	2.7 *U*	201 *U*	67 *U*	67 *U*
WCOY0005	SITE	06/13/96	OYSTER-1		24 *U*	4.9 *U*	7.3 *U*	24 *U*	98 *U*	24 *U*	24 *U*	8.5 *U*	366 *U*	122 *U*	122 *U*
WCOY0006	SW-01	09/11/96	OYSTER-H1	1	20.0 *U*	200 *U*	6.0 *U*	20.0 *U*	30 *U*	6.0 *U*	20.0 *U*	200 *U*	400 *U*	200 *U*	200 *U*
WCOY0007	SW-01	09/11/96	OYSTER-H1	2	30.0 *U*	300 *U*	20.0 *U*	8.0 *U*	40 *U*	7.0 *U*	20.0 *U*	20.0 *U*	600 *U*	200 *U*	300 *U*
WCOY0008	SW-01	09/11/96	OYSTER-H1	3	10.0 *U*	80 *U*	5.0 *U*	10.0 *U*	30 *U*	5.0 *U*	10.0 *U*	7.0 *U*	300 *U*	100 *U*	200 *U*
WCOY0009	SW-01	09/11/96	OYSTER-H1	4	20.0 *U*	200 *U*	4.0 *U*	8.0 *U*	20.0 *U*	4.0 *U*	10.0 *U*	30 *U*	500 *U*	80 *U*	200 *U*
WCOY0010	SW-01	09/11/96	OYSTER-H2	1	20 *U*	3.0 *U*	30 *U*	6.0 *U*	20 *U*	3.0 *U*	8.0 *U*	8.0 *U*	200 *U*	60 *U*	90 *U*
WCOY0011	SW-01	09/11/96	OYSTER-N		9 *U*	2.0 *U*	2.0 *U*	4.0 *U*	10 *U*	2.0 *U*	7 *U*	7 *U*	300 *U*	40 *U*	60 *U*
WCOY0012	SW-02	09/12/96	OYSTER-H1	1	10.0 *U*	20 *U*	5.0 *U*	10.0 *U*	30 *U*	5.0 *U*	10.0 *U*	5.0 *U*	200 *U*	100 *U*	200 *U*
WCOY0013	SW-02	09/12/96	OYSTER-H3	1	8.0 *U*	4.0 *U*	6.0 *U*	8.0 *U*	20 *U*	4.0 *U*	8.0 *U*	5.0 *U*	400 *U*	80 *U*	200 *U*
WCOY0014	SW-02	09/12/96	OYSTER-H3	2	8.0 *U*	4.0 *U*	20	8.0 *U*	20 *U*	4.0 *U*	8.0 *U*	4.0 *U*	300 *U*	80 *U*	200 *U*
WCOY0015	SW-02	09/12/96	OYSTER-H3	3	7.0	3.0 *U*	3.0 *U*	6.0 *U*	20 *U*	3.0 *U*	8.0	7.0 *U*	200 *U*	60 *U*	90 *U*
WCOY0016	SW-02	09/12/96	OYSTER-H3	4	20 *U*	6.0 *U*	7.0 *U*	20 *U*	30 *U*	6.0 *U*	20 *U*	6.0 *U*	200 *U*	200 *U*	200 *U*
WCOY0017	SW-02	09/12/96	OYSTER-N		6.0 *U*	3.0 *U*	3.0 *U*	8.0 *U*	20 *U*	5.0 *U*	6.0 *U*	3.0 *U*	200 *U*	60 *U*	90 *U*
WCOY0018	SW-03	09/12/96	OYSTER-H1	1	6.0 *U*	40 *U*	20	6.0 *U*	20 *U*	3.0 *U*	6.0 *U*	20 *U*	200 *U*	80 *U*	200 *U*
WCOY0019	SW-03	09/12/96	OYSTER-H1	2	20 *U*	80 *U*	5.0 *U*	10.0 *U*	30 *U*	5.0 *U*	10.0	20 *U*	200 *U*	200 *U*	200 *U*
WCOY0020	SW-03	09/12/96	OYSTER-N		6.0 *U*	2.0 *U*	2.0 *U*	4.0 *U*	10 *U*	2.0 *U*	10 *U*	7 *U*	200 *U*	40 *U*	60 *U*
WCOY0021	SW-04	09/11/96	OYSTER-H1	1	20.0 *U*	70 *U*	7.0 *U*	10.0	20.0 *U*	4.0 *U*	30	20.0 *U*	400 *U*	100 *U*	200 *U*
WCOY0022	SW-04	09/11/96	OYSTER-H1	2	10.0 *U*	40 *U*	5.0 *U*	10.0 *U*	30 *U*	5.0 *U*	10.0	9.0 *U*	200 *U*	100 *U*	200 *U*
WCOY0023	SW-04	09/11/96	OYSTER-H1	3	20.0 *U*	70 *U*	5.0 *U*	10.0	30 *U*	5.0 *U*	20.0	20.0 *U*	300 *U*	100 *U*	200 *U*
WCOY0024	SW-04	09/11/96	OYSTER-H1	4	20.0 *U*	70 *U*	6.0 *U*	20.0 *U*	30 *U*	6.0 *U*	20.0 *U*	20.0 *U*	500 *U*	200 *U*	200 *U*
WCOY0025	SW-04	09/11/96	OYSTER-N		8 *U*	40 *U*	2.0 *U*	9 *U*	10 *U*	2.0 *U*	10	7 *U*	300 *U*	40 *U*	60 *U*
WCOY0026	SW-05	09/12/96	OYSTER-H1	1	20.0 *U*	30.0 *U*	7.0 *U*	20.0 *U*	400 *U*	7.0 *U*	20.0 *U*	7.0 *U*	200 *U*	200 *U*	300 *U*
WCOY0027	SW-05	09/12/96	OYSTER-H1	2	20.0 *U*	40 *U*	7.0 *U*	20.0 *U*	400 *U*	7.0 *U*	20.0 *U*	7.0 *U*	200 *U*	200 *U*	300 *U*
WCOY0028	SW-05	09/12/96	OYSTER-H1	3	10.0 *U*	60 *U*	5.0 *U*	10.0 *U*	30 *U*	5.0 *U*	10.0	9.0 *U*	300 *U*	100 *U*	200 *U*
WCOY0029	SW-05	09/12/96	OYSTER-N		4.0 *U*	2.0 *U*	2.0 *U*	5.0 *U*	10 *U*	2.0 *U*	4.0 *U*	3.0 *U*	50 *U*	40 *U*	60 *U*
WCOY0030	SW-06	09/12/96	OYSTER-N		4.0 *U*	9 *U*	2.0 *U*	4.0 *U*	10 *U*	2.0 *U*	4.0 *U*	2.0 *U*	70 *U*	40 *U*	60 *U*
WCOY0032	SW-07	09/12/96	OYSTER-N		4.0 *U*	4.0 *U*	2.0 *U*	4.0 *U*	10 *U*	2.0 *U*	4.0 *U*	2.0 *U*	60 *U*	40 *U*	60 *U*
WCOY0033	SW-08	09/12/96	OYSTER-H1	1	20 *U*	10.0 *U*	9.0 *U*	20 *U*	50 *U*	9.0 *U*	20 *U*	9.0 *U*	300 *U*	200 *U*	300 *U*
WCOY0034	SW-08	09/12/96	OYSTER-N		4.0 *U*	3.0 *U*	2.0 *U*	4.0 *U*	10 *U*	2.0 *U*	4.0 *U*	2.0 *U*	50 *U*	40 *U*	60 *U*
WCOY0035	SW-09	09/12/96	OYSTER-H1	1	10.0 *U*	6.0 *U*	20 *U*	10.0 *U*	30 *U*	5.0 *U*	10.0 *U*	5.0 *U*	200 *U*	100 *U*	200 *U*
WCOY0036	SW-09	09/12/96	OYSTER-N		4.0 *U*	5.0 *U*	2.0 *U*	4.0 *U*	10 *U*	2.0 *U*	4.0 *U*	2.0 *U*	60 *U*	40 *U*	60 *U*

TABLE 1.1-6. (cont.)

Sample Number	Station	Date	Sample ID	Field rep.	Endrin (µg/kg)	Endrin Aldehyde (µg/kg)	Heptachlor (µg/kg)	Heptachlor Epoxide (µg/kg)	Methoxychlor (µg/kg)	4,4'-DDD (µg/kg)	4,4'-DDE (µg/kg)	4,4'-DDT (µg/kg)	Toxaphene (µg/kg)	Aroclor® 1016 (µg/kg)	Aroclor® 1221 (µg/kg)
WCOY0037	SW-10	09/12/96	OYSTER-H1	1	20 *U*	6.0 *U*	6.0 *U*	20 *U*	30 *U*	6.0 *U*	20 *U*	6.0 *U*	200 *U*	200 *U*	200 *U*
WCOY0038	SW-10	09/12/96	OYSTER-H3	1	6.0 *U*	3.0 *U*	3.0 *U*	6.0 *U*	20 *U*	3.0 *U*	6.0 *U*	3.0 *U*	80 *U*	60 *U*	90 *U*
WCOY0039	SW-10	09/12/96	OYSTER-H3	2	6.0 *U*	3.0 *U*	3.0 *U*	6.0 *U*	20 *U*	3.0 *U*	6.0 *U*	3.0 *U*	80 *U*	60 *U*	90 *U*
WCOY0040	SW-10	09/12/96	OYSTER-H3	3	6.0 *U*	3.0 *U*	3.0 *U*	6.0 *U*	20 *U*	3.0 *U*	6.0 *U*	3.0 *U*	80 *U*	60 *U*	90 *U*
WCOY0041	SW-10	09/12/96	OYSTER-H3	4	6.0 *U*	3.0 *U*	3.0 *U*	6.0 *U*	20 *U*	3.0 *U*	6.0 *U*	3.0 *U*	80 *U*	60 *U*	90 *U*
WCOY0042	SW-10	09/12/96	OYSTER-N		2.0 *U*	2.0 *U*	1.0 *U*	2.0 *U*	5.0 *U*	2.0 *U*	2.0 *U*	1.0 *U*	30 *U*	20 *U*	30 *U*
WCOY0043	SW-11	09/12/96	OYSTER-H1	1	10.0 *U*	7.0 *U*	9.0 *U*	10.0 *U*	30 *U*	5.0 *U*	10.0 *U*	5.0 *U*	200 *U*	200 *U*	200 *U*
WCOY0044	SW-11	09/12/96	OYSTER-H1	2	8.0 *U*	4.0 *U*	5.0 *U*	8.0 *U*	20 *U*	4.0 *U*	8.0 *U*	4.0 *U*	70 *U*	80 *U*	200 *U*
WCOY0046	SW-11	09/12/96	OYSTER-H1	4	10.0 *U*	6.0 *U*	5.0 *U*	10.0 *U*	30 *U*	5.0 *U*	10.0 *U*	5.0 *U*	200 *U*	100 *U*	200 *U*
WCOY0047	SW-11	09/12/96	OYSTER-H3	1	6.0 *U*	3.0 *U*	3.0 *U*	6.0 *U*	20 *U*	3.0 *U*	6.0 *U*	3.0 *U*	80 *U*	60 *U*	90 *U*
WCOY0048	SW-11	09/12/96	OYSTER-H3	2	6.0 *U*	20 *U*	20 *U*	6.0 *U*	20 *U*	3.0 *U*	9.0 *U*	3.0 *U*	200 *U*	60 *U*	90 *U*
WCOY0049	SW-11	09/12/96	OYSTER-H3	3	7.0 *U*	7.0 *U*	3.0 *U*	6.0 *U*	20 *U*	3.0 *U*	6.0 *U*	3.0 *U*	200 *U*	60 *U*	90 *U*
WCOY0050	SW-11	09/12/96	OYSTER-H3	4	6.0 *U*	5.0 *U*	3.0 *U*	6.0 *U*	20 *U*	3.0 *U*	6.0 *U*	3.0 *U*	80 *U*	60 *U*	90 *U*
WCOY0051	SW-11	09/12/96	OYSTER-N		4.0 *U*	7.0 *U*	2.0 *U*	4.0 *U*	10 *U*	5.0 *U*	5.0 *U*	2.0 *U*	100 *U*	40 *U*	60 *U*

TABLE 1.1-6. (cont.)

Sample Number	Station	Date	Sample ID	Field rep.	Aroclor® 1232 (μg/kg)	Aroclor® 1242 (μg/kg)	Aroclor® 1248 (μg/kg)	Aroclor® 1254 (μg/kg)	Aroclor® 1260 (μg/kg)	Aroclor® 1268 (μg/kg)
WCOY0001	STOCK	06/10/96	OYSTER-1	1	54 *U*	54 *U*	54 *U*	54 *U*	54 *U*	54 *U*
WCOY0002	STOCK	06/10/96	OYSTER-1	2	63 *U*	63 *U*	63 *U*	63 *U*	63 *U*	63 *U*
WCOY0003	STOCK	06/10/96	OYSTER-1	3	62 *U*	62 *U*	62 *U*	62 *U*	62 *U*	62 *U*
WCOY0004	STOCK	06/10/96	OYSTER-1	4	67 *U*	67 *U*	67 *U*	67 *U*	67 *U*	67 *U*
WCOY0005	SITE	06/13/96	OYSTER-1		122 *U*	49 *U*	122 *U*	366 *U*	244 *U*	610
WCOY0006	SW-01	09/11/96	OYSTER-H1	1	300 *U*	90 *U*	90 *U*	600 *U*	200 *U*	300
WCOY0007	SW-01	09/11/96	OYSTER-H1	2	300 *U*	200 *U*	200 *U*	1000 *U*	300 *U*	400
WCOY0008	SW-01	09/11/96	OYSTER-H1	3	200 *U*	80 *U*	80 *U*	300 *U*	100 *U*	300
WCOY0009	SW-01	09/11/96	OYSTER-H1	4	200 *U*	60 *U*	90 *U*	500 *U*	200 *U*	600
WCOY0010	SW-01	09/11/96	OYSTER-H2	1	200 *U*	50 *U*	50 *U*	200 *U*	100 *U*	200
WCOY0011	SW-01	09/11/96	OYSTER-N		80 *U*	30 *U*	30 *U*	300 *U*	70 *U*	200
WCOY0012	SW-02	09/12/96	OYSTER-H1	1	200 *U*	80 *U*	80 *U*	80 *U*	80 *U*	80 *U*
WCOY0013	SW-02	09/12/96	OYSTER-H3	1	200 *U*	60 *U*	60 *U*	200 *U*	80 *U*	200
WCOY0014	SW-02	09/12/96	OYSTER-H3	2	200 *U*	60 *U*	60 *U*	90 *U*	60 *U*	300
WCOY0015	SW-02	09/12/96	OYSTER-H3	3	200 *U*	50 *U*	50 *U*	200 *U*	60 *U*	200
WCOY0016	SW-02	09/12/96	OYSTER-H3	4	300 *U*	90 *U*	90 *U*	200 *U*	90 *U*	200
WCOY0017	SW-02	09/12/96	OYSTER-N		200 *U*	50 *U*	50 *U*	100 *U*	60 *U*	300
WCOY0018	SW-03	09/12/96	OYSTER-H1	1	200 *U*	60 *U*	60 *U*	90 *U*	80 *U*	100
WCOY0019	SW-03	09/12/96	OYSTER-H1	2	300 *U*	90 *U*	90 *U*	200 *U*	100 *U*	300
WCOY0020	SW-03	09/12/96	OYSTER-N		80 *U*	30 *U*	30 *U*	200 *U*	70 *U*	300
WCOY0021	SW-04	09/11/96	OYSTER-H1	1	200 *U*	80 *U*	80 *U*	300 *U*	200 *U*	300
WCOY0022	SW-04	09/11/96	OYSTER-H1	2	200 *U*	80 *U*	80 *U*	200 *U*	100 *U*	100
WCOY0023	SW-04	09/11/96	OYSTER-H1	3	200 *U*	80 *U*	80 *U*	300 *U*	200 *U*	200
WCOY0024	SW-04	09/11/96	OYSTER-H1	4	300 *U*	90 *U*	90 *U*	400 *U*	300 *U*	200
WCOY0025	SW-04	09/11/96	OYSTER-N		80 *U*	30 *U*	30 *U*	200 *U*	100 *U*	100
WCOY0026	SW-05	09/12/96	OYSTER-H1	1	300 *U*	200 *U*	200 *U*	200 *U*	200 *U*	200 *U*
WCOY0027	SW-05	09/12/96	OYSTER-H1	2	300 *U*	200 *U*	200 *U*	200 *U*	200 *U*	200
WCOY0028	SW-05	09/12/96	OYSTER-H1	3	200 *U*	80 *U*	80 *U*	200 *U*	100 *U*	200
WCOY0029	SW-05	09/12/96	OYSTER-N		80 *U*	30 *U*	30 *U*	40 *U*	30 *U*	90
WCOY0030	SW-06	09/12/96	OYSTER-N		80 *U*	30 *U*	30 *U*	40 *U*	40 *U*	60
WCOY0032	SW-07	09/12/96	OYSTER-N		80 *U*	30 *U*	30 *U*	30 *U*	30 *U*	40
WCOY0033	SW-08	09/12/96	OYSTER-H1	1	400 *U*	200 *U*	200 *U*	200 *U*	200 *U*	200 *U*
WCOY0034	SW-08	09/12/96	OYSTER-N		80 *U*	30 *U*	30 *U*	30 *U*	30 *U*	30 *U*
WCOY0035	SW-09	09/12/96	OYSTER-H1	1	200 *U*	80 *U*	80 *U*	80 *U*	80 *U*	80 *U*
WCOY0036	SW-09	09/12/96	OYSTER-N		80 *U*	30 *U*	30 *U*	40 *U*	40 *U*	80

TABLE 1.1-6. (cont.)

Sample Number	Station	Date	Sample ID	Field rep.	Aroclor® 1232 (µg/kg)	Aroclor® 1242 (µg/kg)	Aroclor® 1248 (µg/kg)	Aroclor® 1254 (µg/kg)	Aroclor® 1260 (µg/kg)	Aroclor® 1268 (µg/kg)
WCOY0037	SW-10	09/12/96	OYSTER-H1	1	300 *U*	90 *U*	90 *U*	90 *U*	90 *U*	90 *U*
WCOY0038	SW-10	09/12/96	OYSTER-H3	1	200 *U*	60 *U*	60 *U*	60 *U*	60 *U*	60 *U*
WCOY0039	SW-10	09/12/96	OYSTER-H3	2	200 *U*	50 *U*	50 *U*	50 *U*	50 *U*	50 *U*
WCOY0040	SW-10	09/12/96	OYSTER-H3	3	200 *U*	50 *U*	50 *U*	50 *U*	50 *U*	50 *U*
WCOY0041	SW-10	09/12/96	OYSTER-H3	4	200 *U*	50 *U*	50 *U*	50 *U*	50 *U*	50 *U*
WCOY0042	SW-10	09/12/96	OYSTER-N		40 *U*	20 *U*	20 *U*	20 *U*	20 *U*	20 *U*
WCOY0043	SW-11	09/12/96	OYSTER-H1	1	300 *U*	90 *U*	90 *U*	90 *U*	90 *U*	90 *U*
WCOY0044	SW-11	09/12/96	OYSTER-H1	2	200 *U*	60 *U*	60 *U*	60 *U*	60 *U*	60 *U*
WCOY0046	SW-11	09/12/96	OYSTER-H1	4	200 *U*	80 *U*	80 *U*	80 *U*	80 *U*	80 *U*
WCOY0047	SW-11	09/12/96	OYSTER-H3	1	200 *U*	50 *U*	50 *U*	50 *U*	50 *U*	50 *U*
WCOY0048	SW-11	09/12/96	OYSTER-H3	2	200 *U*	50 *U*	60 *U*	70 *U*	50 *U*	50 *U*
WCOY0049	SW-11	09/12/96	OYSTER-H3	3	200 *U*	50 *U*	50 *U*	50 *U*	50 *U*	50 *U*
WCOY0050	SW-11	09/12/96	OYSTER-H3	4	200 *U*	50 *U*	50 *U*	50 *U*	50 *U*	50 *U*
WCOY0051	SW-11	09/12/96	OYSTER-N		80 *U*	30 *U*	40 *U*	30 *U*	30 *U*	30 *U*

Note: Results are reported on a dry weight basis, except lipids.

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Section 1.2

Surface Sediment Data

TABLE 1.2-1. SURFACE SEDIMENT SAMPLES—CONVENTIONAL ANALYTES

Sample Number	Station	Date	Field rep.	Ammonia-nitrogen (mg/kg)	Sulfides (mg/kg)	Total Organic Carbon (percent)	Grain Size Distribution >2 mm (percent)	1–2 mm (percent)	0.5–1 mm (percent)	0.25–0.50 mm (percent)	0.125–0.25 mm (percent)	0.062–0.125 mm (percent)	Silt (percent)	Clay (percent)	Total Solids (percent)
Grid															
FFDA0001	FFDA-A1	06/20/96		130	1,100	5.1	0.11	0.11	0.32	0.73	2.08	2.60	38.9	62.2	29.8
FFDA0101	FFDA-A2	06/20/96		26		6.3	0.25	0.56	1.10	1.57	1.88	1.66	41.7	53.6	34.0
FFDA0002	FFDA-A3	06/20/96		49	34	5.0	0.046	0.080	0.22	0.78	1.40	1.56	47.4	49.8	33.7
FFDA0102	FFDA-A4	06/20/96		20		6.0	0.010	0.16	0.69	1.47	1.94	2.33	45.8	51.4	33.8
FFDA0003	FFDA-A5	06/20/96		66	58	5.8	0.11	0.13	0.29	0.88	1.34	1.46	44.5	54.1	33.2
FFDA0103	FFDA-A6	06/20/96	1	42		5.9	0.010 *U*	0.19	0.68	1.52	1.95	1.78	39.1	58.4	32.4
FFDA0104	FFDA-A6	06/20/96	2	38		6.1	0.15	0.57	1.58	2.09	2.12	1.62	33.7	55.0	31.5
FFDA0004	FFDA-A7	06/20/96		8.4	140	5.1	0.010	0.10	0.34	0.85	1.30	1.77	43.8	55.1	32.4
FFDA0105	FFDA-B1	06/20/96				6.7	0.010 *U*	0.043	0.48	1.43	2.29	2.40	41.4	54.2	34.1
FFDA0106	FFDA-B2	06/20/96				1.9	0.11	0.70	1.87	2.53	2.71	2.31	40.0	56.2	27.3
FFDA0107	FFDA-B3	06/20/96				5.5	5.56	1.27	1.77	1.89	2.33	1.79	36.4	44.2	32.8
FFDA0108	FFDA-B4	06/20/96				1.8	0.022	0.057	0.34	1.13	1.94	2.17	43.3	56.0	34.4
FFDA0109	FFDA-B5	06/20/96				2.3	1.37	0.42	0.78	1.35	1.91	1.89	50.8	42.7	30.8
FFDA0110	FFDA-B6	06/20/96				3.5	0.50	0.38	0.73	1.21	2.08	2.11	49.4	45.5	30.6
FFDA0111	FFDA-B7	06/20/96				1.9	0.67	0.010	0.30	0.72	1.16	1.48	51.5	42.1	31.8
FFDA0006	FFDA-C1	06/19/96		70	50	6.7	0.085	0.057	0.37	1.53	3.21	3.57	51.4	46.8	27.6
FFDA0112	FFDA-C2	06/17/96		41		13.3	3.42	2.80	3.23	3.81	4.42	3.81	36.7	45.8	19.8
FFDA0007	FFDA-C3	06/19/96		18	57	9.6	0.48	0.58	0.96	1.74	2.72	3.07	47.4	52.2	22.5
FFDA0113	FFDA-C4	06/19/96		36		6.2	0.010 *U*	0.19	1.16	2.76	2.62	2.30	44.6	52.7	32.7
FFDA0008	FFDA-C5	06/19/96		25	160	16.8	16.2	2.79	2.54	2.45	2.84	1.83	29.5	40.2	20.0
FFDA0114	FFDA-C6	06/19/96		18		11.9	12.4	1.68	1.72	1.74	1.98	1.56	41.6	41.8	26.0
FFDA0009	FFDA-C7	06/19/96		32	20	6.4	0.060	0.10	0.26	0.77	1.52	2.08	38.0	61.4	34.3
FFDA0116	FFDA-D2	06/17/96				2.0	0.18	0.48	0.85	6.50	64.7	12.6	6.38	12.1	54.0
FFDA0117	FFDA-D3	06/17/96				10.0	0.55	0.57	1.24	2.54	3.86	3.93	55.0	42.2	17.7
FFDA0118	FFDA-D4	06/17/96				8.2	1.19	0.97	1.50	1.92	2.12	1.65	52.5	43.5	26.8
FFDA0119	FFDA-D5	06/17/96				7.8	1.27	1.37	1.99	2.42	2.29	1.38	53.7	37.5	24.9
FFDA0120	FFDA-D6	06/17/96				6.8	0.87	1.71	3.15	2.48	2.13	1.22	50.0	40.1	28.3
FFDA0121	FFDA-D7	06/17/96				6.1	0.79	0.20	0.99	2.52	2.70	2.51	58.1	42.7	27.7
FFDA0122	FFDA-D8	06/17/96				5.3	0.045	0.20	0.77	1.60	1.85	2.13	46.5	50.2	34.1
FFDA0123	FFDA-D9	06/17/96				5.4	0.027	0.052	0.30	0.93	1.43	1.72	45.9	52.0	32.2
FFDA0011	FFDA-E2	06/18/96		47	76	8.3	0.47	0.13	0.47	1.60	3.25	3.17	50.7	46.8	21.7
FFDA0012	FFDA-E3	06/18/96		25	76	9.5	1.60	0.52	1.21	2.51	3.85	3.53	50.9	39.9	19.9

TABLE 1.2-1. (cont.)

Sample Number	Station	Date	Field rep.	Ammonia-nitrogen (mg/kg)	Sulfides (mg/kg)	Total Organic Carbon (percent)	Grain Size Distribution >2 mm (percent)	1–2 mm (percent)	0.5–1 mm (percent)	0.25–0.50 mm (percent)	0.125–0.25 mm (percent)	0.062–0.125 mm (percent)	Silt (percent)	Clay (percent)	Total Solids (percent)
FFDA0014	FFDA-E4	06/18/96	1	270	97	8.8	0.073	0.13	0.77	1.97	2.75	3.00	41.3	51.4	25.7
FFDA0015	FFDA-E4	06/18/96	2	21	170	7.4	1.79	1.40	2.68	3.41	3.10	2.27	51.5	36.2	24.9
FFDA0016	FFDA-E5	06/18/96		85	740	6.7	0.10	0.21	0.76	2.07	2.57	2.31	52.5	46.7	27.9
FFDA0017	FFDA-E6	06/18/96		31	1,000	5.8	0.23	0.087	0.31	1.47	2.03	1.81	47.0	48.3	29.0
FFDA0018	FFDA-E7	06/18/96		39	1,000	5.7	0.29	0.037	0.37	1.56	2.21	2.15	50.7	49.4	28.2
FFDA0019	FFDA-E8	06/18/96		16	140	6.4	0.76	0.24	0.83	2.52	2.66	2.39	45	45.8	30.8
FFDA0013	FFDA-E9	06/18/96		36	140	8.8	0.010 *U*	0.010	0.37	2.02	3.41	3.53	49.6	44.1	25.4
FFDA0124	FFDA-F2	06/17/96				6.3	1.40	1.93	3.35	4.69	6.02	5.32	47.6	36.7	23.0
FFDA0125	FFDA-F3	06/17/96				12.7	2.44	1.36	2.02	2.77	3.63	3.08	45.9	40.7	20.0
FFDA0126	FFDA-F4	06/17/96				10.1	7.87	1.78	1.76	2.09	2.46	1.77	50.0	40.1	16.3
FFDA0127	FFDA-F5	06/17/96				11.8	11.1	2.79	2.06	1.97	1.96	1.33	41.7	30.1	21.3
FFDA0128	FFDA-F6	06/17/96				3.1	2.78	0.84	0.92	1.44	1.66	1.17	54.3	39.9	28.2
FFDA0129	FFDA-F7	06/17/96				2.1	1.30	0.86	1.13	1.60	1.58	1.11	58.8	35.3	26.2
FFDA0130	FFDA-F8	06/17/96				6.3	0.50	0.73	1.52	1.96	1.79	1.23	52.0	44.2	26.1
FFDA0131	FFDA-F9	06/17/96	1			6.8	0.54	1.27	2.42	2.54	2.15	1.29	48.3	44.9	25.8
FFDA0132	FFDA-F9	06/17/96	2			7.7	0.98	1.37	2.66	2.82	2.22	1.43	48.7	44.7	24.7
FFDA0133	FFDA-G2	06/18/96		62		11.6	2.07	1.50	2.61	3.07	2.89	2.43	56.4	30.9	18.2
FFDA0020	FFDA-G3	06/18/96		45	1,100	9.8	0.29	0.69	1.49	3.25	3.72	3.21	54.8	36.8	18.8
FFDA0134	FFDA-G4	06/18/96				10.6	0.81	0.46	2.03	3.96	4.12	3.29	63.6	34.6	17.9
FFDA0021	FFDA-G5	06/18/96		32	1,700	8.0	6.81	2.24	3.03	3.50	2.75	1.73	64.0	26.2	20.7
FFDA0135	FFDA-G6	06/18/96				8.3	0.22	0.34	1.61	3.77	3.95	3.03	49.6	38.2	28.0
FFDA0022	FFDA-G7	06/18/96		20	120	6.5	0.84	1.25	2.04	2.54	2.22	1.53	52.8	36.9	25.7
FFDA0160	FFDA-G8	06/18/96				7.3	0.023	0.28	1.60	3.45	3.17	2.31	46.6	42.9	26.7
FFDA0043	FFDA-G9	06/18/96		15	37	5.4	0.010 *U*	0.060	0.46	1.18	1.53	1.72	41.5	56.3	32.9
FFDA0023	FFDA-H1	06/21/96		57	2,500	16.3	3.68	1.51	2.58	3.44	5.35	4.83	58.0	22.4	18.2
FFDA0024	FFDA-H2	06/21/96		44	3,300	14.7	3.01	1.11	2.64	2.91	3.53	2.77	61.3	23.1	17.1
FFDA0025	FFDA-H3	06/21/96		42	2,200	13.0	1.24	1.07	3.85	4.06	3.87	2.63	64.5	24.1	17.0
FFDA0026	FFDA-H4	06/20/96		130	1,700	12.5	3.21	2.62	4.06	4.25	3.17	2.05	61.3	28.6	18.4
FFDA0027	FFDA-H5	06/20/96		69	790	11.8	3.58	2.44	4.43	3.58	2.54	1.44	63.4	24.8	23.0
FFDA0028	FFDA-H6	06/20/96		37	580	10.0	0.91	1.21	3.16	3.35	2.43	1.61	54.9	33.7	25.3
FFDA0029	FFDA-H7	06/20/96		37	1,000	6.6	0.25	0.15	1.49	2.57	2.58	1.86	51.6	40.7	31.2
FFDA0136	FFDA-I1	06/19/96				19.1	2.67	2.36	3.31	5.20	6.27	5.77	58.4	36.8	12.0
FFDA0137	FFDA-I2	06/19/96				16.4	4.63	2.60	3.51	4.70	4.97	3.93	60.3	29.5	13.7
FFDA0138	FFDA-I3	06/19/96				12.6	0.28	0.42	1.30	2.87	3.25	2.72	54.6	40.3	16.8

TABLE 1.2-1. (cont.)

Sample Number	Station	Date	Field rep.	Ammonia-nitrogen (mg/kg)	Sulfides (mg/kg)	Total Organic Carbon (percent)	Grain Size Distribution >2 mm (percent)	1–2 mm (percent)	0.5–1 mm (percent)	0.25–0.50 mm (percent)	0.125–0.25 mm (percent)	0.062–0.125 mm (percent)	Silt (percent)	Clay (percent)	Total Solids (percent)
FFDA0139	FFDA-I4	06/19/96				9.5	0.72	1.00	3.57	3.92	2.96	2.19	50.1	40.9	19.0
FFDA0140	FFDA-I5	06/19/96				8.0	1.41	0.78	2.66	3.73	2.99	2.05	47.4	44.1	22.3
FFDA0141	FFDA-I6	06/19/96				7.7	0.98	0.18	1.33	3.61	3.31	2.37	47.6	42.6	27.3
FFDA0142	FFDA-I7	06/19/96				10.8	1.98	0.40	0.77	1.82	2.82	2.88	44.7	48.4	28.2
FFDA0030	FFDA-J1	06/21/96		58	1,200	18.2	1.58	2.21	4.11	4.85	4.38	3.26	55.8	26.7	15.2
FFDA0031	FFDA-J2	06/21/96		73	230	11.5	0.77	1.07	3.33	3.98	3.97	2.65	62.3	23.6	15.1
FFDA0032	FFDA-J3	06/21/96		29	150	12.4	8.29	3.79	4.48	3.53	2.63	1.70	47.6	36.3	17.6
FFDA0033	FFDA-J4	06/21/96		67	620	9.6	0.64	0.88	3.09	4.04	3.19	2.20	51.3	39.2	22.5
FFDA0034	FFDA-J5	06/21/96		30	550	8.6	0.30	0.39	1.74	3.31	3.33	2.87	55.1	41.3	25.1
FFDA0035	FFDA-J6	06/21/96		79	97	7.7	0.41	0.98	2.54	2.98	2.72	1.96	54.5	35.8	29.5
FFDA0036	FFDA-J7	06/20/96		28	1,100	5.2	0.81	0.14	0.54	2.00	2.13	1.62	52.4	37.8	29.2
FFDA0143	FFDA-K1	06/19/96				15.9	3.76	2.52	3.04	3.97	4.79	3.31	46.0	33.7	12.0
FFDA0144	FFDA-K2	06/19/96				13.0	12.3	4.65	3.02	2.62	2.19	1.39	41.9	30.8	12.3
FFDA0145	FFDA-K3	06/19/96				10.8	1.82	0.74	1.86	2.74	2.77	2.34	49.0	41.9	19.4
FFDA0146	FFDA-K4	06/19/96				8.7	0.71	1.26	2.62	3.50	2.97	2.08	47.1	42.8	20.5
FFDA0147	FFDA-K5	06/19/96				7.2	0.030	0.18	0.65	2.01	2.47	1.94	51.2	48.1	25.7
FFDA0148	FFDA-K6	06/19/96				6.8	0.27	0.48	1.35	2.63	2.91	2.63	48.6	42.5	27.9
FFDA0149	FFDA-K7	06/19/96				6.2	0.12	0.12	0.45	1.44	1.98	1.87	49.1	49.6	29.7
FFDA0037	FFDA-L1	06/20/96		51	2,300	17.0	1.50	0.76	2.68	5.05	6.53	4.36	51.9	30.2	15.6
FFDA0150	FFDA-L2	06/20/96				18.7	5.17	3.71	5.35	6.64	7.53	6.22	41.8	32.6	12.4
FFDA0038	FFDA-L3	06/20/96	1	38	2,300	9.8	0.32	1.16	3.63	5.93	7.28	6.42	44.1	42.2	20.2
FFDA0005	FFDA-L3	06/20/96	2	62	1,300	10.1	0.084	0.51	2.78	5.76	6.99	5.67	46.9	40.0	19.8
FFDA0151	FFDA-L4	06/20/96				10.5	0.11	0.12	0.60	2.52	3.48	3.01	44.7	46.8	25.1
FFDA0039	FFDA-L5	06/20/96		26	730	8.0	0.36	0.45	1.22	2.16	2.17	1.65	56.6	38.6	24.3
FFDA0152	FFDA-L6	06/20/96				7.9	0.40	0.13	0.49	1.62	2.47	2.70	43.0	51.0	30.8
FFDA0153	FFDA-M1	06/20/96				1.2	1.72	0.68	6.09	19.3	47.0	14.1	2.85	3.63	73.8
FFDA0154	FFDA-M2	06/20/96	1			13.2	1.17	1.49	2.34	3.77	4.31	3.01	57.2	28.2	16.0
FFDA0156	FFDA-M2	06/20/96	2			12.9	0.25	0.51	2.93	6.27	13.3	12.6	37.6	29.1	27.7
FFDA0157	FFDA-M5	06/20/96				10.1	0.25	1.57	4.23	5.06	4.09	2.60	49.4	32.0	25.7
FFDA0040	FFDA-N1	06/19/96		42	2,000	14.8	0.45	0.50	1.76	3.12	3.59	2.98	47.2	46.7	15.7
FFDA0041	FFDA-N2	06/19/96		35	750	8.8	0.030	0.080	0.46	1.49	2.08	2.01	50.8	53.2	22.6
FFDA0158	FFDA-O1	06/19/96				13.8	0.70	0.63	2.60	5.32	4.59	3.51	54.5	30.8	16.2
FFDA0159	FFDA-O2	06/19/96				10.3	1.23	1.76	3.93	4.47	3.42	2.49	38.6	44.5	23.9
FFDA0042	FFDA-P1	06/19/96		37	500	11.5	0.89	0.30	1.21	2.60	2.94	2.43	44.7	52.9	20.9

TABLE 1.2-1. (cont.)

Sample Number	Station	Date	Field rep.	Ammonia-nitrogen (mg/kg)	Sulfides (mg/kg)	Total Organic Carbon (percent)	Grain Size Distribution >2 mm (percent)	1-2 mm (percent)	0.5-1 mm (percent)	0.25-0.50 mm (percent)	0.125-0.25 mm (percent)	0.062-0.125 mm (percent)	Silt (percent)	Clay (percent)	Total Solids (percent)
Channel															
BOSS0001	SSC-01	06/17/96				3.5	0.010 *U*	0.048	0.36	1.04	6.66	4.11	39.3	50.9	28.4
BOSS0003	SSC-03	06/17/96				4.5	0.010 *U*	0.022	0.010	0.068	0.33	0.87	46.1	55.0	23.0
BOSS0004	SSC-04	06/13/96				0.43	0.16	1.79	14.1	43.5	10.1	2.29	8.54	10.2	64.8
BOSS0006	SSC-05	06/14/96				0.54	0.038	0.17	0.42	3.73	72.8	15.6	1.96	5.47	69.5
BOSS0007	SSC-06	06/14/96				5.2	0.01 *U*	0.013	0.21	0.90	1.74	1.73	41.2	56.2	30.6
BOSS0008	SSC-07	06/17/96	1			3.8	1.05	0.15	0.94	7.60	17.7	6.50	27.7	42.9	36.1
BOSS0011	SSC-07	06/17/96	2			3.6	0.11	0.042	1.01	7.12	16.9	6.56	28.8	42.8	35.6
BOSS0010	SSC-08	06/17/96				4.8	0.010 *U*	0.088	0.067	0.15	1.61	2.16	49.5	50.0	23.3
Clubbs Creek															
FFBR0001	FFBR-01	06/18/96		12	170	3.8	0.057	0.013	0.048	0.26	0.77	4.64	40.1	58.8	37.2
FFBR0004	FFBR-01	06/25/96		5.1	120	3.3	0.26	0.48	2.61	3.00	3.25	10.1	48.9	35.1	37.2
FFBR0002	FFBR-02	06/18/96		16	72	4.0	0.40	0.19	0.33	0.62	1.12	6.41	58.5	37.3	38.9
FFBR0005	FFBR-02	06/25/96		9.1	15 *U*	4.2	2.38	0.61	0.80	0.86	1.32	6.50	77.9	16.7	45.3
FFBR0003	FFBR-03	06/18/96		22	27 *U*	4.3	1.45	0.28	0.45	0.98	1.47	2.69	64.0	31.1	39.2
FFBR0006	FFBR-03	06/25/96		17	15 *U*	5.5	7.95	3.49	2.50	2.05	1.84	2.24	74.5	16.9	41.1
Jointer Creek															
FFCR0001	FFCR-01	06/18/96		45	27 *U*	6.0	0.13	0.047	0.24	0.81	1.38	1.71	40.3	61.6	31.3
FFCR0004	FFCR-01	06/23/96		22	15 *U*	6.7	0.20	0.31	1.16	1.92	2.39	1.93	53.3	43.9	27.4
FFCR0002	FFCR-02	06/18/96		28	380	7.4	0.059	0.39	0.80	1.84	3.21	3.40	53.8	41.3	21.5
FFCR0005	FFCR-02	06/23/96		22	18	5.8	0.044	0.17	0.57	1.44	1.74	1.57	49.8	44.9	31.7
FFCR0003	FFCR-03	06/18/96		22	120	6.1	0.60	1.32	1.70	2.43	3.10	2.40	51.0	43.6	26.3
FFCR0006	FFCR-03	06/23/96		31	15 *U*	5.6	0.84	0.38	1.00	1.65	1.86	1.52	52.5	45.1	33.7

Note: Results are reported on a dry weight basis, except for total solids, which are reported as wet weight.

U - undetected

TABLE 1.2-2. SURFACE SEDIMENT SAMPLES—METALS

Sample Number	Station	Date	Field rep.	Lead (mg/kg)	Total Mercury (mg/kg)
Grid					
FFDA0001	FFDA-A1	06/20/96		64.3	93.0
FFDA0101	FFDA-A2	06/20/96		52.8	39.8
FFDA0002	FFDA-A3	06/20/96		43.3	24.8
FFDA0102	FFDA-A4	06/20/96		38.9	23.5
FFDA0003	FFDA-A5	06/20/96		35.9	13.1
FFDA0103	FFDA-A6	06/20/96	1	31.7	9.1
FFDA0104	FFDA-A6	06/20/96	2	32.4	10.2
FFDA0004	FFDA-A7	06/20/96		34.3	4.5
FFDA0105	FFDA-B1	06/20/96		61.9	99.9
FFDA0106	FFDA-B2	06/20/96		54.1	45.0
FFDA0107	FFDA-B3	06/20/96		45.5	18.2
FFDA0108	FFDA-B4	06/20/96		40.5	17
FFDA0109	FFDA-B5	06/20/96		38.1	14.7
FFDA0110	FFDA-B6	06/20/96		32.3	9.2
FFDA0111	FFDA-B7	06/20/96		33.0	5.3
FFDA0006	FFDA-C1	06/19/96		90.3	58.1
FFDA0112	FFDA-C2	06/17/96		71.7	131
FFDA0007	FFDA-C3	06/19/96		48.7	47.6
FFDA0113	FFDA-C4	06/19/96		35.0	24.7
FFDA0008	FFDA-C5	06/19/96		30.3	29.1
FFDA0114	FFDA-C6	06/19/96		31.3	7.5
FFDA0009	FFDA-C7	06/19/96		32.2	4.9
FFDA0116	FFDA-D2	06/17/96		14.4	15.4
FFDA0117	FFDA-D3	06/17/96		73.6	84.8
FFDA0118	FFDA-D4	06/17/96		33.5	25.2
FFDA0119	FFDA-D5	06/17/96		38.4	16.3
FFDA0120	FFDA-D6	06/17/96		30.8	4.8
FFDA0121	FFDA-D7	06/17/96		31.9	3.5
FFDA0122	FFDA-D8	06/17/96		33.3	3.5
FFDA0123	FFDA-D9	06/17/96		31.5	4.3
FFDA0011	FFDA-E2	06/18/96		112	106
FFDA0012	FFDA-E3	06/18/96		111	459
FFDA0014	FFDA-E4	06/18/96	1	71.5	48.2
FFDA0015	FFDA-E4	06/18/96	2	30.3	15.6
FFDA0016	FFDA-E5	06/18/96		29.9	4.7
FFDA0017	FFDA-E6	06/18/96		29.2	4.2
FFDA0018	FFDA-E7	06/18/96		29.2	4.7
FFDA0019	FFDA-E8	06/18/96		26.9	3.5
FFDA0013	FFDA-E9	06/18/96		111	43.3
FFDA0124	FFDA-F2	06/17/96		237	476
FFDA0125	FFDA-F3	06/17/96		126	450
FFDA0126	FFDA-F4	06/17/96		62.4	67.4
FFDA0127	FFDA-F5	06/17/96		34.0	19.7
FFDA0128	FFDA-F6	06/17/96		30.3	6.3
FFDA0129	FFDA-F7	06/17/96		29.3	5.7
FFDA0130	FFDA-F8	06/17/96		28.7	5.6
FFDA0131	FFDA-F9	06/17/96	1	30.3	8.8
FFDA0132	FFDA-F9	06/17/96	2	31.8	8.8
FFDA0133	FFDA-G2	06/18/96		125	228
FFDA0020	FFDA-G3	06/18/96		71.4	142

TABLE 1.2-2. (cont.)

Sample Number	Station	Date	Field rep.	Lead (mg/kg)	Total Mercury (mg/kg)
FFDA0134	FFDA-G4	06/18/96		36.7	43.2
FFDA0021	FFDA-G5	06/18/96		36.1	21.9
FFDA0135	FFDA-G6	06/18/96		43.8	24.3
FFDA0022	FFDA-G7	06/18/96		33.4	15.6
FFDA0160	FFDA-G8	06/18/96		29.8	18.5
FFDA0043	FFDA-G9	06/18/96		35.1	8.7
FFDA0023	FFDA-H1	06/21/96		291	319
FFDA0024	FFDA-H2	06/21/96		163	323
FFDA0025	FFDA-H3	06/21/96		89.5	180
FFDA0026	FFDA-H4	06/20/96		50.4	62.0
FFDA0027	FFDA-H5	06/20/96		35.0	30.1
FFDA0028	FFDA-H6	06/20/96		32.7	20.9
FFDA0029	FFDA-H7	06/20/96		29.3	11.3
FFDA0136	FFDA-I1	06/19/96		264	370
FFDA0137	FFDA-I2	06/19/96		176	269
FFDA0138	FFDA-I3	06/19/96		108	181
FFDA0139	FFDA-I4	06/19/96		62.9	74.8
FFDA0140	FFDA-I5	06/19/96		35.9	18.5
FFDA0141	FFDA-I6	06/19/96		72.4	7.8
FFDA0142	FFDA-I7	06/19/96		30.4	6.0
FFDA0030	FFDA-J1	06/21/96		205	243
FFDA0031	FFDA-J2	06/21/96		143	160
FFDA0032	FFDA-J3	06/21/96		62.4	76.1
FFDA0033	FFDA-J4	06/21/96		47.5	42.3
FFDA0034	FFDA-J5	06/21/96		46.8	47.2
FFDA0035	FFDA-J6	06/21/96		37.1	23.8
FFDA0036	FFDA-J7	06/20/96		28.8	8.0
FFDA0143	FFDA-K1	06/19/96		370	137
FFDA0144	FFDA-K2	06/19/96		62.4	66.2
FFDA0145	FFDA-K3	06/19/96		51.5	53.7
FFDA0146	FFDA-K4	06/19/96		37.5	31.4
FFDA0147	FFDA-K5	06/19/96		41.1	23.7
FFDA0148	FFDA-K6	06/19/96		35.4	13.5
FFDA0149	FFDA-K7	06/19/96		35.7	10.2
FFDA0037	FFDA-L1	06/20/96		216	98.6
FFDA0150	FFDA-L2	06/20/96		178	80.5
FFDA0038	FFDA-L3	06/20/96	1	123	56.7
FFDA0005	FFDA-L3	06/20/96	2	110	63.4
FFDA0151	FFDA-L4	06/20/96		44.7	49.6
FFDA0039	FFDA-L5	06/20/96		34.2	20.5
FFDA0152	FFDA-L6	06/20/96		33.2	18.4
FFDA0153	FFDA-M1	06/20/96		21.4	4.0
FFDA0154	FFDA-M2	06/20/96	1	53.2	43.7
FFDA0156	FFDA-M2	06/20/96	2	241	25.6
FFDA0157	FFDA-M5	06/20/96		32.7	19.8
FFDA0040	FFDA-N1	06/19/96		52.0	54.6
FFDA0041	FFDA-N2	06/19/96		39.2	46.1
FFDA0158	FFDA-O1	06/19/96		40.4	43.1
FFDA0159	FFDA-O2	06/19/96		41.3	46.6
FFDA0042	FFDA-P1	06/19/96		21.1	47.6

TABLE 1.2-2. (cont.)

Sample Number	Station	Date	Field rep.	Lead (mg/kg)	Total Mercury (mg/kg)
Channel					
BOSS0001	SSC-01	06/17/96		24.5	0.68
BOSS0003	SSC-03	06/17/96		31.5	3.6
BOSS0004	SSC-04	06/13/96		3.7	0.33
BOSS0006	SSC-05	06/14/96		6.4	0.51
BOSS0007	SSC-06	06/14/96		31.1	2.4
BOSS0008	SSC-07	06/17/96	1	25.2	2.0
BOSS0011	SSC-07	06/17/96	2	33.6	2.0
BOSS0010	SSC-08	06/17/96		35.9	6.5
Clubbs Creek					
FFBR0001	FFBR-01	06/18/96		23.1	0.20
FFBR0002	FFBR-02	06/18/96		18.5	0.070
FFBR0003	FFBR-03	06/18/96		16.4	0.070
FFBR0004	FFBR-01	06/25/96		23.3	0.11
FFBR0005	FFBR-02	06/25/96		20.9	0.080
FFBR0006	FFBR-03	06/25/96		20.6	0.060
Jointer Creek					
FFCR0001	FFCR-01	06/18/96		22.2	0.080
FFCR0002	FFCR-02	06/18/96		19.8	0.090
FFCR0003	FFCR-03	06/18/96		22.7	0.080
FFCR0004	FFCR-01	06/23/96		27.3	0.10
FFCR0005	FFCR-02	06/23/96		23.8	0.090
FFCR0006	FFCR-03	06/23/96		24.1	0.090

Note: Results are reported on a dry weight basis.

TABLE 1.2-3. SURFACE SEDIMENT SAMPLES, FINE GRID REPLICATES—MERCURY AND TOTAL SOLIDS

Sample Number	Station	Date	Total Mercury (mg/kg)	Total Solids (percent)
Fine Grid, Station H4				
RPH40001	FFDA-H4	06/20/96	61.3	21.2
RPH40002	FFDA-H4	06/20/96	58.4	19.6
RPH40003	FFDA-H4	06/20/96	61.4	18.6
RPH40004	FFDA-H4	06/20/96	61.6	20.7
RPH40005	FFDA-H4	06/20/96	67.6	19.4
RPH40006	FFDA-H4	06/20/96	56.3	20.0
RPH40007	FFDA-H4	06/20/96	61.3	18.7
RPH40008	FFDA-H4	06/20/96	61.2	19.0
RPH40009	FFDA-H4	06/20/96	55.1	19.1
RPH40010	FFDA-H4	06/20/96	66.2	19.8
Fine Grid, Station J7				
RPJ70001	FFDA-J7	06/20/96	8.5	31.4
RPJ70002	FFDA-J7	06/20/96	9.1	28.6
RPJ70003	FFDA-J7	06/20/96	9.3	28.9
RPJ70004	FFDA-J7	06/20/96	9.5	29.4
RPJ70005	FFDA-J7	06/20/96	9.1	28.6
RPJ70006	FFDA-J7	06/20/96	7.8	29.2
RPJ70007	FFDA-J7	06/20/96	10.4	28.2
RPJ70008	FFDA-J7	06/20/96	7.9	30.2
RPJ70009	FFDA-J7	06/20/96	8.2	31.6
RPJ70010	FFDA-J7	06/20/96	8.5	30.2

Note: Results are reported on a dry weight basis for mercury and wet weight basis for total solids.

TABLE 1.2-4. SURFACE SEDIMENT SAMPLES—POLYCYCLIC AROMATIC HYDROCARBONS

				Low Molecular Weight Polycyclic Aromatic Hydrocarbons						
Sample Number	Station	Date	Field rep.	Naphthalene (µg/kg)	2-Methyl-naphthalene (µg/kg)	Acenaphthylene (µg/kg)	Acenaphthene (µg/kg)	Fluorene (µg/kg)	Phenanthrene (µg/kg)	Anthracene (µg/kg)
Grid										
FFDA0001	FFDA-A1	06/20/96		9 *J*	16	10	6	10	77	33
FFDA0002	FFDA-A3	06/20/96		7 *J*	12	8	2	4	32	24
FFDA0003	FFDA-A5	06/20/96		6 *J*	9	6	2	3	21	18
FFDA0004	FFDA-A7	06/20/96		6 *J*	10	9	2	4	27	30
FFDA0006	FFDA-C1	06/19/96		12	31	18	3	5	57	22
FFDA0007	FFDA-C3	06/19/96		5 *UJ*	3 *J*	2 *J*	5 *UJ*	5 *UJ*	7 *J*	4 *J*
FFDA0008	FFDA-C5	06/19/96		5	6	5 *J*	3 *J*	2 *J*	14	9
FFDA0009	FFDA-C7	06/19/96		6	9	8	5 *U*	3 *J*	19	25
FFDA0011	FFDA-E2	06/18/96		10	29	11	6	7	56	19
FFDA0012	FFDA-E3	06/18/96		9	22	8	3 *J*	5 *J*	48	12
FFDA0014	FFDA-E4	06/18/96	1	5 *J*	14	6	3 *J*	4 *J*	21	20
FFDA0015	FFDA-E4	06/18/96	2	2 *J*	5 *J*	2 *J*	5 *U*	5 *U*	12	4 *J*
FFDA0016	FFDA-E5	06/18/96		2 *J*	4 *J*	3 *J*	5 *U*	5 *U*	9	4 *J*
FFDA0017	FFDA-E6	06/18/96		3 *J*	6	4 *J*	1 *J*	2 *J*	12	6
FFDA0018	FFDA-E7	06/18/96		4 *J*	8	5 *J*	1 *J*	4 *J*	15	12
FFDA0019	FFDA-E8	06/18/96		2 *J*	4 *J*	3 *J*	5 *U*	5 *U*	9	4 *J*
FFDA0013	FFDA-E9	06/18/96		9	25	5 *J*	3 *J*	6	36	33
FFDA0020	FFDA-G3	06/18/96		8	20	5 *J*	2 *J*	4 *J*	42	14
FFDA0021	FFDA-G5	06/18/96		4 *U*	4	3	2	3	15	8
FFDA0022	FFDA-G7	06/18/96		4 *U*	4	4	2	3	21	14
FFDA0043	FFDA-G9	06/18/96		5 *U*	6	6	1	3	23	17
FFDA0023	FFDA-H1	06/21/96		11 *J*	30 *J*	4 *J*	3 *J*	5 *J*	46 *J*	13 *J*
FFDA0024	FFDA-H2	06/21/96		4 *J*	8 *J*	3 *J*	5 *UJ*	2 *J*	20 *J*	4 *J*
FFDA0025	FFDA-H3	06/21/96		4 *J*	8 *J*	3 *J*	4 *J*	4 *J*	28 *J*	8 *J*
FFDA0026	FFDA-H4	06/20/96		2 *J*	3 *J*	2 *J*	5 *UJ*	2 *J*	12 *J*	3 *J*
FFDA0027	FFDA-H5	06/20/96		2 *J*	5 *UJ*	2 *J*	2 *J*	1 *J*	11 *J*	4 *J*
FFDA0028	FFDA-H6	06/20/96		5 *J*	5 *J*	3 *J*	4 *J*	6 *J*	40 *J*	12 *J*
FFDA0029	FFDA-H7	06/20/96		5 *UJ*	8	6	2	4	12	16 *J*
FFDA0030	FFDA-J1	06/21/96		10 *J*	26	5	7	7	67	17 *J*
FFDA0031	FFDA-J2	06/21/96		5 *UJ*	5 *J*	2 *J*	5 *UJ*	5 *UJ*	15 *J*	5 *J*
FFDA0032	FFDA-J3	06/21/96		5 *UJ*	3	3	5 *U*	5 *U*	9	6 *J*
FFDA0033	FFDA-J4	06/21/96		5 *UJ*	5 *U*	7	5 *U*	5 *U*	9	10 *J*
FFDA0034	FFDA-J5	06/21/96		5 *UJ*	4	5	2	5 *U*	13	9 *J*
FFDA0035	FFDA-J6	06/21/96		5 *UJ*	5	6	5 *U*	2	11	9 *J*

TABLE 1.2-4. (cont.)

Sample Number	Station	Date	Field rep.	Low Molecular Weight Polycyclic Aromatic Hydrocarbons						
				Naphthalene (µg/kg)	2-Methyl-naphthalene (µg/kg)	Acenaphthylene (µg/kg)	Acenaphthene (µg/kg)	Fluorene (µg/kg)	Phenanthrene (µg/kg)	Anthracene (µg/kg)
FFDA0036	FFDA-J7	06/20/96		5 *UJ*	4	5	5 *U*	2	10	9 *J*
FFDA0037	FFDA-L1	06/20/96		19	52	6	8	10	81	20
FFDA0038	FFDA-L3	06/20/96	1	12	17	6	3 *J*	5 *J*	28	13
FFDA0005	FFDA-L3	06/20/96	2	10	19	6	3 *J*	7	39	24
FFDA0039	FFDA-L5	06/20/96		5 *UJ*	5 *U*	2	0.7	5 *U*	4	6 *J*
FFDA0040	FFDA-N1	06/19/96		6	9	4 *J*	4 *J*	4 *J*	21	15
FFDA0041	FFDA-N2	06/19/96		9	12	8	4 *J*	7	30	20
FFDA0042	FFDA-P1	06/19/96		8	11	6	2 *J*	3 *J*	26	14
Clubbs Creek										
FFBR0004	FFBR-01	06/25/96		0.9 *J*	5 *UJ*	2 *J*	5 *UJ*	5 *UJ*	5 *J*	2 *J*
FFBR0001	FFBR-01	06/18/96		5 *U*	5 *U*	5 *U*	5 *U*	5 *U*	5 *U*	5 *U*
FFBR0005	FFBR-02	06/25/96		0.4 *J*	5 *UJ*	5 *UJ*	5 *UJ*	5 *UJ*	5 *UJ*	5 *UJ*
FFBR0002	FFBR-02	06/18/96		1 *J*	5 *U*	0.9 *J*	1 *J*	5 *U*	5 *U*	0.6 *J*
FFBR0006	FFBR-03	06/25/96		5 *UJ*	5 *UJ*	5 *UJ*	5 *UJ*	5 *UJ*	5 *UJ*	0.3 *J*
FFBR0003	FFBR-03	06/18/96		0.8 *J*	5 *U*	5 *U*	5 *U*	5 *U*	5 *U*	0.6 *J*
Jointer Creek										
FFCR0001	FFCR-01	06/18/96		0.7 *J*	5 *U*	1 *J*	5 *U*	5 *U*	3 *J*	0.8 *J*
FFCR0004	FFCR-01	06/23/96		5 *UJ*	5 *UJ*	0.6 *J*	5 *UJ*	5 *UJ*	5 *UJ*	5 *UJ*
FFCR0002	FFCR-02	06/18/96		1 *J*	5 *U*	0.6 *J*	1 *J*	5 *U*	22	3 *J*
FFCR0005	FFCR-02	06/23/96		5 *UJ*	5 *UJ*	5 *UJ*	5 *UJ*	5 *UJ*	5 *UJ*	5 *UJ*
FFCR0003	FFCR-03	06/18/96		1 *J*	5 *U*	1 *J*	5 *U*	5 *U*	5 *U*	0.5 *J*
FFCR0006	FFCR-03	06/23/96		5 *UJ*	5 *UJ*	1 *J*	5 *UJ*	5 *UJ*	5 *UJ*	5 *UJ*

TABLE 1.2-4. (cont.)

Sample Number	Station	Date	Field rep.	High Molecular Weight Polycyclic Aromatic Hydrocarbon: Fluoranthene (µg/kg)	Pyrene (µg/kg)	Benz[a]-anthracene (µg/kg)	Chrysene (µg/kg)	Benzo[b]-fluoranthene (µg/kg)	Benzo[k]-fluoranthene (µg/kg)	Benzo[a]-pyrene (µg/kg)	Indeno [1,2,3-cd] pyrene (µg/kg)	Dibenz[a,h]-anthracene (µg/kg)	Benzo[ghi]-perylene (µg/kg)	Miscellaneous Compound Dibenzofuran[a] (µg/kg)
Grid														
FFDA0001	FFDA-A1	06/20/96		183	180	96	120	110	87	340	108	32 *J*	105	5
FFDA0002	FFDA-A3	06/20/96		105	108	62	79	84	70	79	56	18 *J*	50	2
FFDA0003	FFDA-A5	06/20/96		80	75	38	47	58	51	54	43	13 *J*	37	2
FFDA0004	FFDA-A7	06/20/96		119	110	56	66	70	66	62	47	14 *J*	38	2
FFDA0006	FFDA-C1	06/19/96		100	411	114	252	319 *J*	153	354	246	158	313	3
FFDA0007	FFDA-C3	06/19/96		20 *J*	19 *J*	10 *J*	14 *J*	14 *J*	14 *J*	17 *J*	12 *J*	4 *J*	20 *J*	5 *UJ*
FFDA0008	FFDA-C5	06/19/96		44	37	19	23	37 *J*	24	32	27	7	24	1 *J*
FFDA0009	FFDA-C7	06/19/96		84	68	44	58	74 *J*	54	61	43	13	36	2 *J*
FFDA0011	FFDA-E2	06/18/96		135	194	92	119	158	106	177	152	78	217	3 *J*
FFDA0012	FFDA-E3	06/18/96		102	116	66	72	500 *U*	500 *U*	640	68	24	80	2 *J*
FFDA0014	FFDA-E4	06/18/96	1	42	95	48	80	122	48	156	175	105	347	1 *J*
FFDA0015	FFDA-E4	06/18/96	2	33	32	16 *J*	19	26	20	20	18 *J*	6 *U*	23	5 *U*
FFDA0016	FFDA-E5	06/18/96		32	31	14 *J*	18	24	17	19	15 *J*	5 *U*	14 *J*	5 *U*
FFDA0017	FFDA-E6	06/18/96		53	48	23	28	35	31	28	22	7 *U*	21	1 *J*
FFDA0018	FFDA-E7	06/18/96		71	63	36	42	60	43	45	35	10 *U*	33	2 *J*
FFDA0019	FFDA-E8	06/18/96		32	29	15 *J*	19	28	20	20	17 *J*	5 *U*	16 *J*	5 *U*
FFDA0013	FFDA-E9	06/18/96		45	115	66	96	153	57	197	313	180	669	2 *J*
FFDA0020	FFDA-G3	06/18/96		75	90	44	56	67	52	99	49	18 *J*	56	2 *J*
FFDA0021	FFDA-G5	06/18/96		43	39	16	21	28	21	21	19	7 *J*	25	5 *U*
FFDA0022	FFDA-G7	06/18/96		71	59	26	32	43	35	31	28	8 *J*	29	2
FFDA0043	FFDA-G9	06/18/96		80	73	40	46	60	45	51	39	12 *J*	42	2
FFDA0023	FFDA-H1	06/21/96		76 *J*	104 *J*	47 *J*	60 *J*	65 *J*	42 *J*	151 *J*	55 *J*	24 *J*	95 *J*	3 *J*
FFDA0024	FFDA-H2	06/21/96		38 *J*	48 *J*	23 *J*	31 *J*	39 *J*	24 *J*	62 *J*	30 *J*	12 *J*	40 *J*	5 *UJ*
FFDA0025	FFDA-H3	06/21/96		50 *J*	55 *J*	23 *J*	30 *J*	39 *J*	28 *J*	55 *J*	30 *J*	11 *J*	40 *J*	2 *J*
FFDA0026	FFDA-H4	06/20/96		27 *J*	28 *J*	12 *J*	19 *J*	20 *J*	18 *J*	20 *J*	17 *J*	5 *J*	19 *J*	5 *UJ*
FFDA0027	FFDA-H5	06/20/96		27 *J*	26 *J*	11 *J*	17 *J*	20 *J*	16 *J*	17 *J*	16 *J*	5 *J*	16 *J*	5 *UJ*
FFDA0028	FFDA-H6	06/20/96		62 *J*	49 *J*	24 *J*	29 *J*	35 *J*	29 *J*	30 *J*	25 *J*	6 *J*	22 *J*	3 *J*
FFDA0029	FFDA-H7	06/20/96		78	69	33	42	49 *J*	44	47	35	12	40 *J*	5 *U*
FFDA0030	FFDA-J1	06/21/96		113	209	97	129	102 *J*	63	142	90	44	160	3
FFDA0031	FFDA-J2	06/21/96		38 *J*	45 *J*	18 *J*	32 *J*	25 *J*	15 *J*	30 *J*	19 *J*	9 *J*	33 *UJ*	5 *UJ*
FFDA0032	FFDA-J3	06/21/96		40	44	21	33	33 *J*	34	31	23	7	24 *U*	5 *U*
FFDA0033	FFDA-J4	06/21/96		67	78	52	71	76 *J*	78	64	48	14	44 *J*	5 *U*
FFDA0034	FFDA-J5	06/21/96		51	60	30	40	42 *J*	42	43	34	13	40 *J*	1
FFDA0035	FFDA-J6	06/21/96		48	47	25	36	41 *J*	36	39	30	10	35 *U*	5 *U*

TABLE 1.2-4. (cont.)

Sample Number	Station	Date	Field rep.	High Molecular Weight Polycyclic Aromatic Hydrocarbon: Fluoranthene (µg/kg)	Pyrene (µg/kg)	Benz[a]-anthracene (µg/kg)	Chrysene (µg/kg)	Benzo[b]-fluoranthene (µg/kg)	Benzo[k]-fluoranthene (µg/kg)	Benzo[a]-pyrene (µg/kg)	Indeno [1,2,3-cd] pyrene (µg/kg)	Dibenz[a,h]-anthracene (µg/kg)	Benzo[ghi]-perylene (µg/kg)	Miscellaneous Compound Dibenzofuran[a] (µg/kg)
FFDA0036	FFDA-J7	06/20/96		58	52	21	30	30 J	30	28	21	7	34 U	5 U
FFDA0037	FFDA-L1	06/20/96		118	181	66	96	99 J	64	97	96	42	142	4 J
FFDA0038	FFDA-L3	06/20/96	1	76	103	41	58	73 J	43	70	88	67	137	3 J
FFDA0005	FFDA-L3	06/20/96	2	90	180	112	136	121 J	59	149	122	80	169	3 J
FFDA0039	FFDA-L5	06/20/96		30	28	12	19	20 J	19	19	14	4	16 U	5 U
FFDA0040	FFDA-N1	06/19/96		74	159	44	50	58 J	37	55	46	23	68	2 J
FFDA0041	FFDA-N2	06/19/96		113	119	55	68	82 J	66	71	59	20	63	3 J
FFDA0042	FFDA-P1	06/19/96		74	85	38	50	58 J	43	54	44	18	52	2 J
Clubbs Creek														
FFBR0004	FFBR-01	06/25/96		14 J	11 J	4 J	6 J	7 J	8 J	6 J	6 J	1 J	5 J	5 UJ
FFBR0001	FFBR-01	06/18/96		13	10	6 U	10 J	10	8	8	7 U	5 U	6 U	5 U
FFBR0005	FFBR-02	06/25/96		3 J	3 J	2 J	2 J	5 UJ	5 UJ	3 J	3 J	0.8 J	3 J	5 UJ
FFBR0002	FFBR-02	06/18/96		17	12	5 U	7 J	9	7	6	6 U	5 U	5 U	5 U
FFBR0006	FFBR-03	06/25/96		2 J	2 J	1 J	5 UJ	5 UJ	5 UJ	2 J	3 J	1 J	2 J	5 UJ
FFBR0003	FFBR-03	06/18/96		6	5 J	5 U	5 U	6	6	5 J	5 U	5 U	5 U	5 U
Jointer Creek														
FFCR0001	FFCR-01	06/18/96		7	6	5 U	5 U	8	6	5 J	6 U	5 U	5 U	5 U
FFCR0004	FFCR-01	06/23/96		5 J	4 J	2 J	3 J	5 UJ	5 UJ	4 J	4 J	0.9 J	4 J	5 UJ
FFCR0002	FFCR-02	06/18/96		8	6	5 U	6 J	6	6	5 J	5 U	5 U	5 U	5 U
FFCR0005	FFCR-02	06/23/96		5 J	4 J	2 J	3 J	5 UJ	5 UJ	4 J	5 J	1 J	5 J	5 UJ
FFCR0003	FFCR-03	06/18/96		9	7	5 U	5 U	8	7	6	6 U	5 U	6 U	0.8 J
FFCR0006	FFCR-03	06/23/96		5 J	4 J	2 J	3 J	5 UJ	5 UJ	4 J	4 J	1 J	4 J	5 UJ

Note: Results are reported on a dry weight basis.

J - estimated

U - undetected

[a] Data for the target compound list compound dibenzofuran were inadvertently reported by the laboratory with the polycyclic aromatic hydrocarbon data. Dibenzofuran is not a chlorinated compound, and the results for this compound are unrelated to total chlorinated dibenzofuran concentrations. Analyses for chlorinated dibenzofurans were not completed during this study.

TABLE 1.2-5. SURFACE SEDIMENT SAMPLES—POLYCHLORINATED BIPHENYLS

Sample Number	Station	Date	Field rep.	Aroclor® 1016 (mg/kg)	Aroclor® 1221 (mg/kg)	Aroclor® 1232 (mg/kg)	Aroclor® 1242 (mg/kg)	Aroclor® 1248 (mg/kg)	Aroclor® 1254 (mg/kg)	Aroclor® 1260 (mg/kg)	Aroclor® 1268 (mg/kg)
Grid											
FFDA0001	FFDA-A1	06/20/96		4.0 *U*	6.0 *U*	8.0 *U*	3.0 *U*	3.0 *U*	3.0 *U*	15 *U*	240
FFDA0101	FFDA-A2	06/20/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.6 *U*	2.0 *U*	24
FFDA0002	FFDA-A3	06/20/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.3 *U*	2.0 *U*	21
FFDA0102	FFDA-A4	06/20/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.3 *U*	2.0 *U*	19
FFDA0003	FFDA-A5	06/20/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	3.9
FFDA0103	FFDA-A6	06/20/96	1	0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.4 *U*	2.0 *U*	21
FFDA0104	FFDA-A6	06/20/96	2	0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.5 *U*	7.5
FFDA0004	FFDA-A7	06/20/96		0.04 *U*	0.06 *U*	0.08 *U*	0.03 *U*	0.03 *U*	0.04 *U*	0.4 *U*	5.1
FFDA0105	FFDA-B1	06/20/96		0.4 *U*	0.6 *U*	0.8 *U*	0.30 *U*	0.4 *U*	2.0 *U*	4.0 *U*	52
FFDA0106	FFDA-B2	06/20/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.3 *U*	2.0 *U*	9.8
FFDA0107	FFDA-B3	06/20/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.3 *U*	2.0 *U*	11
FFDA0108	FFDA-B4	06/20/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.3 *U*	2.0 *U*	17
FFDA0109	FFDA-B5	06/20/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.4 *U*	4.8
FFDA0110	FFDA-B6	06/20/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.3 *U*	2.0 *U*	24
FFDA0111	FFDA-B7	06/20/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.3 *U*	2.0 *U*	21
FFDA0006	FFDA-C1	06/19/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.4 *U*	3.0 *U*	42
FFDA0112	FFDA-C2	06/17/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.4 *U*	0.4 *U*	3.0 *U*	24
FFDA0007	FFDA-C3	06/19/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.9 *U*	7.4
FFDA0113	FFDA-C4	06/19/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.9 *U*	5.0 *U*	100
FFDA0008	FFDA-C5	06/19/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.8 *U*	9.2
FFDA0114	FFDA-C6	06/19/96		0.04 *U*	0.06 *U*	0.08 *U*	0.03 *U*	0.04 *U*	0.2 *U*	0.7 *U*	5.5
FFDA0009	FFDA-C7	06/19/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.4 *U*	6.5
FFDA0116	FFDA-D2	06/17/96		0.2 *U*	0.3 *U*	0.4 *U*	0.2 *U*	0.2 *U*	0.3 *U*	2.0 *U*	25
FFDA0117	FFDA-D3	06/17/96		0.8 *U*	2.0 *U*	2.0 *U*	0.6 *U*	0.6 *U*	0.6 *U*	4.0 *U*	19
FFDA0118	FFDA-D4	06/17/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.3 *U*	1.0 *U*	8.0
FFDA0119	FFDA-D5	06/17/96		0.04 *U*	0.06 *U*	0.08 *U*	0.03 *U*	0.03 *U*	0.1 *U*	0.2 *U*	2.0
FFDA0120	FFDA-D6	06/17/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	2.2
FFDA0121	FFDA-D7	06/17/96		0.04 *U*	0.06 *U*	0.08 *U*	0.03 *U*	0.03 *U*	0.0 *U*	0.1 *U*	1.1
FFDA0122	FFDA-D8	06/17/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	4.2
FFDA0123	FFDA-D9	06/17/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	5.3
FFDA0011	FFDA-E2	06/18/96		4.0 *U*	6.0 *U*	8.0 *U*	3.0 *U*	3.0 *U*	3.0 *U*	16 *U*	180 *J*
FFDA0012	FFDA-E3	06/18/96		4.0 *U*	6.0 *U*	8.0 *U*	3.0 *U*	3.0 *U*	31 *U*	66 *U*	890 *J*
FFDA0014	FFDA-E4	06/18/96	1	0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.9 *U*	5.0 *U*	28 *J*
FFDA0015	FFDA-E4	06/18/96	2	0.04 *U*	0.06 *U*	0.08 *U*	0.03 *U*	0.03 *U*	0.1 *U*	0.6 *U*	3.1 *J*
FFDA0016	FFDA-E5	06/18/96		0.04 *U*	0.06 *U*	0.08 *U*	0.03 *U*	0.03 *U*	0.05 *U*	0.3 *U*	2.2 *J*
FFDA0017	FFDA-E6	06/18/96		0.04 *U*	0.06 *U*	0.08 *U*	0.03 *U*	0.03 *U*	0.05 *U*	0.3 *U*	2.5 *J*

TABLE 1.2-5. (cont.)

Sample Number	Station	Date	Field rep.	Aroclor® 1016 (mg/kg)	Aroclor® 1221 (mg/kg)	Aroclor® 1232 (mg/kg)	Aroclor® 1242 (mg/kg)	Aroclor® 1248 (mg/kg)	Aroclor® 1254 (mg/kg)	Aroclor® 1260 (mg/kg)	Aroclor® 1268 (mg/kg)
FFDA0018	FFDA-E7	06/18/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.6 *U*	4.6 *J*
FFDA0019	FFDA-E8	06/18/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	2.9 *J*
FFDA0013	FFDA-E9	06/18/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	2.0 *U*	7.0 *U*	52 *J*
FFDA0124	FFDA-F2	06/17/96		4.0 *U*	6.0 *U*	8.0 *U*	3.0 *U*	3.0 *U*	3.0 *U*	25 *U*	330
FFDA0125	FFDA-F3	06/17/96		4.0 *U*	6.0 *U*	8.0 *U*	3.0 *U*	3.0 *U*	3.0 *U*	70 *U*	880
FFDA0126	FFDA-F4	06/17/96		0.8 *U*	2.0 *U*	2.0 *U*	0.6 *U*	0.6 *U*	0.6 *U*	5.0 *U*	32
FFDA0127	FFDA-F5	06/17/96		0.04 *U*	0.06 *U*	0.08 *U*	0.03 *U*	0.03 *U*	0.06 *U*	0.6 *U*	3.2
FFDA0128	FFDA-F6	06/17/96		0.04 *U*	0.06 *U*	0.08 *U*	0.03 *U*	0.03 *U*	0.03 *U*	0.3 *U*	1.6
FFDA0129	FFDA-F7	06/17/96		0.04 *U*	0.06 *U*	0.08 *U*	0.03 *U*	0.03 *U*	0.03 *U*	0.2 *U*	1.7
FFDA0130	FFDA-F8	06/17/96		0.04 *U*	0.06 *U*	0.08 *U*	0.03 *U*	0.03 *U*	0.03 *U*	0.2 *U*	1.5
FFDA0131	FFDA-F9	06/17/96	1	0.04 *U*	0.06 *U*	0.08 *U*	0.03 *U*	0.03 *U*	0.03 *U*	0.2 *U*	1.3
FFDA0132	FFDA-F9	06/17/96	2	0.04 *U*	0.06 *U*	0.08 *U*	0.03 *U*	0.03 *U*	0.03 *U*	0.2 *U*	1.5
FFDA0133	FFDA-G2	06/18/96		0.8 *U*	2.0 *U*	2.0 *U*	0.6 *U*	0.6 *U*	3.0 *U*	20 *U*	130
FFDA0020	FFDA-G3	06/18/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	2.0 *U*	20 *U*	110 *J*
FFDA0134	FFDA-G4	06/18/96		0.08 *U*	0.2 *U*	0.2 *U*	0.06 *U*	0.06 *U*	0.2 *U*	3.0 *U*	8.6
FFDA0021	FFDA-G5	06/18/96		0.04 *U*	0.06 *U*	0.08 *U*	0.03 *U*	0.03 *U*	0.1 *U*	0.7 *U*	3.0
FFDA0135	FFDA-G6	06/18/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.3 *U*	1.0 *U*	7.3
FFDA0022	FFDA-G7	06/18/96		0.04 *U*	0.06 *U*	0.08 *U*	0.03 *U*	0.03 *U*	0.03 *U*	0.2 *U*	1.6
FFDA0160	FFDA-G8	06/18/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.7 *U*	8.5
FFDA0043	FFDA-G9	06/18/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	4.5
FFDA0023	FFDA-H1	06/21/96		8.0 *U*	20 *U*	20 *U*	6.0 *U*	6.0 *U*	20 *U*	34 *U*	370
FFDA0024	FFDA-H2	06/21/96		8.0 *U*	20 *U*	20 *U*	6.0 *U*	6.0 *U*	9.0 *U*	26 *U*	210
FFDA0025	FFDA-H3	06/21/96		0.8 *U*	2.0 *U*	2.0 *U*	0.6 *U*	0.6 *U*	2.0 *U*	9.0 *U*	80
FFDA0026	FFDA-H4	06/20/96		0.8 *U*	2.0 *U*	2.0 *U*	0.6 *U*	0.6 *U*	0.6 *U*	3.0 *U*	15
FFDA0027	FFDA-H5	06/20/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.4 *U*	2.0 *U*	9.1
FFDA0028	FFDA-H6	06/20/96		0.0 *U*	0.06 *U*	0.08 *U*	0.03 *U*	0.04 *U*	0.2 *U*	1.0 *U*	5.2
FFDA0029	FFDA-H7	06/20/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.8 *U*	9.3
FFDA0136	FFDA-I1	06/19/96		8.0 *U*	20 *U*	20 *U*	6.0 *U*	6.0 *U*	6.0 *U*	40 *U*	190
FFDA0137	FFDA-I2	06/19/96		8.0 *U*	20 *U*	20 *U*	6.0 *U*	6.0 *U*	6.0 *U*	30 *U*	160
FFDA0138	FFDA-I3	06/19/96		8.0 *U*	20 *U*	20 *U*	6.0 *U*	6.0 *U*	6.0 *U*	30 *U*	110
FFDA0139	FFDA-I4	06/19/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.5 *U*	6.0 *U*	26
FFDA0140	FFDA-I5	06/19/96		0.04 *U*	0.06 *U*	0.08 *U*	0.03 *U*	0.03 *U*	0.1 *U*	0.8 *U*	7.4
FFDA0141	FFDA-I6	06/19/96		0.04 *U*	0.06 *U*	0.08 *U*	0.03 *U*	0.03 *U*	0.09 *U*	0.7 *U*	5.3
FFDA0142	FFDA-I7	06/19/96		0.04 *U*	0.06 *U*	0.08 *U*	0.03 *U*	0.03 *U*	0.06 *U*	0.6 *U*	6.5
FFDA0030	FFDA-J1	06/21/96		0.8 *U*	2.0 *U*	2.0 *U*	0.6 *U*	0.6 *U*	3.0 *U*	25 *U*	86
FFDA0031	FFDA-J2	06/21/96		0.8 *U*	2.0 *U*	2.0 *U*	0.6 *U*	0.6 *U*	0.8 *U*	14 *U*	54
FFDA0032	FFDA-J3	06/21/96		0.8 *U*	2.0 *U*	2.0 *U*	0.6 *U*	0.6 *U*	0.6 *U*	6.0 *U*	21

TABLE 1.2-5. (cont.)

Sample Number	Station	Date	Field rep.	Aroclor® 1016 (mg/kg)	Aroclor® 1221 (mg/kg)	Aroclor® 1232 (mg/kg)	Aroclor® 1242 (mg/kg)	Aroclor® 1248 (mg/kg)	Aroclor® 1254 (mg/kg)	Aroclor® 1260 (mg/kg)	Aroclor® 1268 (mg/kg)
FFDA0033	FFDA-J4	06/21/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.3 *U*	2.0 *U*	9.8
FFDA0034	FFDA-J5	06/21/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.3 *U*	3.0 *U*	17
FFDA0035	FFDA-J6	06/21/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.7 *U*	6.3
FFDA0036	FFDA-J7	06/20/96		0.04 *U*	0.06 *U*	0.08 *U*	0.03 *U*	0.03 *U*	0.04 *U*	0.3 *U*	3.0
FFDA0143	FFDA-K1	06/19/96		0.8 *U*	2.0 *U*	2.0 *U*	0.6 *U*	0.6 *U*	0.6 *U*	5.0 *U*	21
FFDA0144	FFDA-K2	06/19/96		0.8 *U*	2.0 *U*	2.0 *U*	0.6 *U*	0.6 *U*	0.6 *U*	3.0 *U*	11
FFDA0145	FFDA-K3	06/19/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.3 *U*	3.0 *U*	12
FFDA0146	FFDA-K4	06/19/96		0.04 *U*	0.06 *U*	0.08 *U*	0.03 *U*	0.03 *U*	0.1 *U*	0.6 *U*	3.4
FFDA0147	FFDA-K5	06/19/96		0.04 *U*	0.06 *U*	0.08 *U*	0.03 *U*	0.03 *U*	0.03 *U*	0.4 *U*	2.5
FFDA0148	FFDA-K6	06/19/96		0.04 *U*	0.06 *U*	0.08 *U*	0.03 *U*	0.03 *U*	0.03 *U*	0.3 *U*	2.3
FFDA0149	FFDA-K7	06/19/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.6 *U*	9.4
FFDA0037	FFDA-L1	06/20/96		0.8 *U*	2.0 *U*	2.0 *U*	0.6 *U*	0.6 *U*	0.8 *U*	5.0 *U*	21.0
FFDA0150	FFDA-L2	06/20/96		0.8 *U*	2.0 *U*	2.0 *U*	0.6 *U*	0.6 *U*	0.8 *U*	8.0 *U*	28
FFDA0038	FFDA-L3	06/20/96	1	0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.3 *U*	2.0 *U*	10
FFDA0005	FFDA-L3	06/20/96	2	0.04 *U*	0.06 *U*	0.08 *U*	0.03 *U*	0.03 *U*	0.2 *U*	1.0 *U*	7.6
FFDA0151	FFDA-L4	06/20/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.5 *U*	3.0 *U*	15
FFDA0039	FFDA-L5	06/20/96		0.04 *U*	0.06 *U*	0.08 *U*	0.03 *U*	0.03 *U*	0.2 *U*	0.7 *U*	4.9
FFDA0152	FFDA-L6	06/20/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.5 *U*	6.3
FFDA0153	FFDA-M1	06/20/96		0.2 *U*	0.2 *U*	0.3 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.6 *U*	3.3
FFDA0154	FFDA-M2	06/20/96	1	0.08 *U*	0.2 *U*	0.2 *U*	0.06 *U*	0.06 *U*	0.3 *U*	3.0 *U*	9.1
FFDA0156	FFDA-M2	06/20/96	2	0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.6 *U*	3.0 *U*	16
FFDA0157	FFDA-M5	06/20/96		0.04 *U*	0.06 *U*	0.08 *U*	0.03 *U*	0.05 *U*	0.3 *U*	2.0 *U*	6.5
FFDA0040	FFDA-N1	06/19/96		0.08 *U*	0.2 *U*	0.2 *U*	0.06 *U*	0.06 *U*	0.09 *U*	0.6 *U*	2.8
FFDA0041	FFDA-N2	06/19/96		0.04 *U*	0.06 *U*	0.08 *U*	0.03 *U*	0.03 *U*	0.05 *U*	0.4 *U*	3.3
FFDA0158	FFDA-O1	06/19/96		0.08 *U*	0.2 *U*	0.2 *U*	0.06 *U*	0.06 *U*	0.06 *U*	0.6 *U*	2.5
FFDA0159	FFDA-O2	06/19/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.4 *U*	3.0 *U*	16
FFDA0042	FFDA-P1	06/19/96		0.4 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.3 *U*	2.0 *U*	7.5
Fine Grid											
RPH40001	FFDA-H4	06/20/96		0.08 *U*	0.2 *U*	0.2 *U*	0.06 *U*	0.08 *U*	0.4 *U*	4.0 *U*	20
RPH40002	FFDA-H4	06/20/96		0.08 *U*	0.2 *U*	0.2 *U*	0.06 *U*	0.08 *U*	0.3 *U*	3.0 *U*	11
RPH40003	FFDA-H4	06/20/96		0.08 *U*	0.2 *U*	0.2 *U*	0.06 *U*	0.08 *U*	0.4 *U*	5.0 *U*	15
RPH40004	FFDA-H4	06/20/96		0.08 *U*	0.2 *U*	0.2 *U*	0.06 *U*	0.07 *U*	0.3 *U*	4.0 *U*	12
RPH40005	FFDA-H4	06/20/96		0.08 *U*	0.2 *U*	0.2 *U*	0.06 *U*	0.06 *U*	0.3 *U*	3.0 *U*	11
RPH40006	FFDA-H4	06/20/96		0.08 *U*	0.2 *U*	0.2 *U*	0.06 *U*	0.06 *U*	0.2 *U*	3.0 *U*	8.6
RPH40007	FFDA-H4	06/20/96		0.08 *U*	0.2 *U*	0.2 *U*	0.06 *U*	0.08 *U*	0.4 *U*	5.0 *U*	19
RPH40008	FFDA-H4	06/20/96		0.08 *U*	0.2 *U*	0.2 *U*	0.06 *U*	0.07 *U*	0.4 *U*	5.0 *U*	17
RPH40009	FFDA-H4	06/20/96		0.08 *U*	0.2 *U*	0.2 *U*	0.06 *U*	0.06 *U*	0.2 *U*	2.0 *U*	8.3

TABLE 1.2-5. (cont.)

Sample Number	Station	Date	Field rep.	Aroclor® 1016 (mg/kg)	Aroclor® 1221 (mg/kg)	Aroclor® 1232 (mg/kg)	Aroclor® 1242 (mg/kg)	Aroclor® 1248 (mg/kg)	Aroclor® 1254 (mg/kg)	Aroclor® 1260 (mg/kg)	Aroclor® 1268 (mg/kg)
RPH40010	FFDA-H4	06/20/96		0.08 *U*	0.2 *U*	0.2 *U*	0.06 *U*	0.09 *U*	0.5 *U*	5.0 *U*	23
RPJ70001	FFDA-J7	06/20/96		0.08 *U*	0.2 *U*	0.2 *U*	0.06 *U*	0.06 *U*	0.08 *U*	0.5 *U*	4.9
RPJ70002	FFDA-J7	06/20/96		0.08 *U*	0.2 *U*	0.2 *U*	0.06 *U*	0.06 *U*	0.06 *U*	0.3 *U*	3.9
RPJ70003	FFDA-J7	06/20/96		0.08 *U*	0.2 *U*	0.2 *U*	0.06 *U*	0.06 *U*	0.06 *U*	0.3 *U*	3.8
RPJ70004	FFDA-J7	06/20/96		0.08 *U*	0.2 *U*	0.2 *U*	0.06 *U*	0.06 *U*	0.07 *U*	0.4 *U*	4.6
RPJ70005	FFDA-J7	06/20/96		0.08 *U*	0.2 *U*	0.2 *U*	0.06 *U*	0.06 *U*	0.08 *U*	0.5 *U*	5.5
RPJ70006	FFDA-J7	06/20/96		0.08 *U*	0.2 *U*	0.2 *U*	0.06 *U*	0.06 *U*	0.06 *U*	0.4 *U*	4.4
RPJ70007	FFDA-J7	06/20/96		0.08 *U*	0.2 *U*	0.2 *U*	0.06 *U*	0.06 *U*	0.08 *U*	0.5 *U*	5.4
RPJ70008	FFDA-J7	06/20/96		0.08 *UJ*	0.2 *UJ*	0.2 *UJ*	0.06 *UJ*	0.06 *UJ*	0.06 *UJ*	0.2 *UJ*	2.7 *J*
RPJ70009	FFDA-J7	06/20/96		0.08 *U*	0.2 *U*	0.2 *U*	0.06 *U*	0.06 *U*	0.06 *U*	0.3 *U*	3.4
RPJ70010	FFDA-J7	06/20/96		0.08 *U*	0.2 *U*	0.2 *U*	0.06 *U*	0.06 *U*	0.06 *U*	0.4 *U*	4.4
Channel											
BOSS0001	SSC-01	06/17/96		0.04 *U*	0.06 *U*	0.08 *U*	0.03 *U*	0.03 *U*	0.03 *U*	0.1 *U*	0.64 *J*
BOSS0003	SSC-03	06/17/96		0.08 *U*	0.2 *U*	0.2 *U*	0.06 *U*	0.06 *U*	0.06 *U*	0.3 *U*	3.8 *J*
BOSS0004	SSC-04	06/13/96		0.04 *U*	0.06 *U*	0.08 *U*	0.03 *U*	0.03 *U*	0.03 *U*	0.05 *U*	0.82 *J*
BOSS0006	SSC-05	06/14/96		0.04 *UJ*	0.06 *UJ*	0.08 *UJ*	0.03 *UJ*	0.03 *UJ*	0.03 *UJ*	0.03 *UJ*	0.24 *J*
BOSS0007	SSC-06	06/14/96		0.40 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.4 *U*	4.7 *J*
BOSS0008	SSC-07	06/17/96	1	0.04 *UJ*	0.06 *UJ*	0.08 *UJ*	0.03 *UJ*	0.03 *UJ*	0.03 *UJ*	0.3 *UJ*	2.3 *J*
BOSS0011	SSC-07	06/17/96	2	0.08 *U*	0.2 *U*	0.2 *U*	0.06 *U*	0.06 *U*	0.06 *U*	0.4 *U*	3.7 *J*
BOSS0010	SSC-08	06/17/96		0.40 *U*	0.6 *U*	0.8 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.4 *U*	5.0 *J*
Clubbs Creek											
FFBR0001	FFBR-01	06/18/96		0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.004 *U*	0.01 *U*	0.02 *U*	0.05 *J*
FFBR0002	FFBR-02	06/18/96		0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.03 *J*
FFBR0003	FFBR-03	06/18/96		0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.02 *J*
FFBR0004	FFBR-01	06/25/96		0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.02 *U*	0.005 *U*	0.005 *U*	0.04
FFBR0005	FFBR-02	06/25/96		0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.007 *U*	0.01 *U*	0.004 *U*	0.04
FFBR0006	FFBR-03	06/25/96		0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.006
Jointer Creek											
FFCR0001	FFCR-01	06/18/96		0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.02 *J*
FFCR0002	FFCR-02	06/18/96		0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.02 *J*
FFCR0003	FFCR-03	06/18/96		0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.03 *J*
FFCR0004	FFCR-01	06/23/96		0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.004 *U*	0.03
FFCR0005	FFCR-02	06/23/96		0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.02
FFCR0006	FFCR-03	06/23/96		0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.005 *U*	0.004 *U*	0.005 *U*	0.05

Note: Results are reported on a dry weight basis.

J - estimated

U - undetected

Section 1.3

Multi-Depth Sediment Data

Guide to correlating sediment sample IDs used in text with those listed in Section 1.3.

CHANNEL SEDIMENT STATIONS:

Sample ID Used in Text	Appendix Sample ID	Description
Station 1	SCCD-04	LCP Ditch
Station 2	SCCD-05	middle Purvis Creek
Station 3	SCCD-08	upper Purvis Creek
Station 4	SCCD-09	Purvis Creek headwaters
Station 5	SCCD-06	lower Purvis Creek
Station 6	SCCD-07	mouth of Purvis Creek
Station 7	SCCD-12	upper range of Turtle River
Station 8	SCCD-14	East River
Station 9	SCCD-15	Gibson Creek
Station 10	SCCR-01	Jointer Creek reference
Station 11	SCCB-01	Clubbs Creek reference
Station 11-rep	SCCB-02	Clubbs Creek reference-rep
Station T1	SCC-01	southern LCP Site tributary
Station T2	SCC-02	middle LCP Site tributary
Station T3	SCC-03	northern LCP Site tributary

MARSH SEDIMENT STATIONS:

Sample ID Used in Text	Appendix Sample ID	Description
SCM-01	SCM-01	between channel stations T1 & T2
SCM-02	SCM-02	just west of FFDA
SCM-03	SCM-03	north of causeway
Station 10	SCMR-01	Jointer Creek reference
Station 11	SCMB-01	Clubbs Creek reference

TABLE 1.3-1. MULTI-DEPTH SEDIMENT SAMPLES—CONVENTIONAL ANALYTES

Sample Number	Station	Date	Depth Range (cm)	Cyanide (mg/kg)	Total Organic Carbon (percent)	Grain Size Distribution >2 mm (percent)	1-2 mm (percent)	0.5-1 mm (percent)	0.25-0.50 mm (percent)	0.125-0.25 mm (percent)	0.062-0.125 mm (percent)	Silt (percent)	Clay (percent)	Total Solids (percent)
BOSD0209	SCC-01	05/17/96	0 - 2	0.7 *U*	5.6	0.010	0.16	1.03	3.91	13.4	7.12	58.3	20.6	32.7
BOSD0210	SCC-01	05/17/96	2 - 4	0.7 *U*	6.2	0.11	0.57	2.21	4.89	9.58	4.86	43.5	31.8	31.3
BOSD0211	SCC-01	05/17/96	4 - 6	0.7 *U*	5.8	0.010 *U*	0.30	1.87	5.07	9.98	6.19	51.6	25.8	32.4
BOSD0212	SCC-01	05/17/96	6 - 8	0.7 *U*	5.5	0.48	1.01	2.29	5.39	13.5	6.50	45.8	31.8	33.1
BOSD0213	SCC-01	05/17/96	8 - 10	0.7 *U*	5.2	0.080	0.71	2.34	5.33	16.2	9.45	37.6	33.9	32.3
BOSD0214	SCC-01	05/17/96	10 - 12	0.7 *U*	4.8	0.21	1.17	3.91	9.22	24.7	10.0	22.8	39.7	33.6
BOSD0216	SCC-01	05/17/96	14 - 16	0.7 *U*	4.4	0.80	2.05	4.04	9.34	18.8	7.33	26.0	34.5	39.5
BOSD0218	SCC-01	05/17/96	18 - 20	0.7 *U*	4.3	0.62	1.28	2.88	7.50	17.8	6.57	24.4	33.6	40.6
BOSD0017	SCC-02	05/17/96	0 - 2	1.1 *U*	4.6	6.47	3.79	2.04	1.85	1.64	0.88	48.8	38.0	29.9
BOSD0018	SCC-02	05/17/96	2 - 4	1.1 *U*	4.9	0.010 *U*	0.57	2.27	2.54	1.96	1.47	41.7	53.1	31.0
BOSD0019	SCC-02	05/17/96	4 - 6	1.1 *U*	6.4	1.59	4.16	2.29	1.60	1.43	1.03	35.2	59.6	32.2
BOSD0020	SCC-02	05/17/96	6 - 8	1.1 *U*	8.9	0.010 *U*	0.040	0.69	2.65	4.18	4.15	37.5	53.6	31.4
BOSD0021	SCC-02	05/17/96	8 - 10	1.1 *U*	8.1	0.24	5.28	3.72	2.68	2.27	1.44	30.8	53.5	31.5
BOSD0022	SCC-02	05/17/96	10 - 12	1.1 *U*	9.9	0.34	2.22	3.82	4.57	4.61	3.46	31.1	53.5	30.3
BOSD0024	SCC-02	05/17/96	14 - 16	1.1 *U*	8.8	0.19	6.91	6.76	4.46	3.34	1.78	25.4	59.1	31.6
BOSD0026	SCC-02	05/17/96	18 - 20	1.1 *U*	7.5	0.010 *U*	0.070	0.43	1.95	3.19	3.05	29.7	66.9	31.6
BOSD0033	SCC-03	05/15/96	0 - 2	--	6.2	0.31	1.71	3.51	5.31	4.64	2.18	52.3	38.8	19.8
BOSD0034	SCC-03	05/15/96	2 - 4	1.1 *U*	5.7	0.46	1.05	5.30	13.4	9.81	3.34	41.1	34.7	24.6
BOSD0035	SCC-03	05/15/96	4 - 6	1.1 *U*	3.3	1.40	4.02	19.9	51.7	18.3	2.44	19.1	20.3	38.0
BOSD0036	SCC-03	05/15/96	6 - 8	1.1 *U*	1.9	1.88	5.18	13.9	32.6	10.3	1.68	11.6	19.1	54.1
BOSD0037	SCC-03	05/15/96	8 - 10	1.1 *U*	3.4	0.36	1.04	8.65	22.9	8.97	2.78	23.2	34.3	41.2
BOSD0038	SCC-03	05/15/96	10 - 12	1.1 *U*	3.6	2.57	3.93	7.18	16.7	7.21	1.96	51.8	11.2	38.8
BOSD0040	SCC-03	05/15/96	14 - 16	1.1 *U*	3.8	0.31	0.60	4.15	13.3	6.64	8.83	30.8	42.0	39.9
BOSD0042	SCC-03	05/15/96	18 - 20	1.1 *U*	3.6	2.29	2.79	8.56	15.1	6.70	2.54	27.1	45.3	37.5
BOSD0402	SCCB-01	07/15/96	8 - 10	0.8 *U*	1.4	0.011	0.32	0.70	1.32	38.7	33.0	11.1	16.2	50.2
BOSD0403	SCCB-01	07/15/96	10 - 12	0.8 *U*	1.2	--	--	--	--	--	--	--	--	52.8
BOSD0405	SCCB-01	07/15/96	14 - 16	0.8 *U*	3.7	0.14	0.62	1.94	3.43	14.4	15.7	33.6	31.8	34.1
BOSD0398	SCCB-01	07/15/96	0 - 2	0.8 *U*	1.7	0.010	0.53	1.26	2.27	34.1	31.9	14.6	17.7	41.9
BOSD0407	SCCB-01	07/15/96	18 - 20	0.8 *U*	3.2	0.010 *U*	0.69	2.11	3.51	12.5	18.3	31.8	34.1	34.2
BOSD0399	SCCB-01	07/15/96	2 - 4	0.8 *U*	1.3	0.10	0.44	0.73	1.16	40.9	32.2	9.94	15.0	49.2
BOSD0400	SCCB-01	07/15/96	4 - 6	0.8 *U*	4.6	0.42	1.16	2.93	4.94	12.3	11.6	33.7	33.3	28.4
BOSD0401	SCCB-01	07/15/96	6 - 8	0.8 *U*	2.8	0.043	0.48	1.17	2.44	23.4	21.6	26.2	28.3	35.8
BOSD0418	SCCB-02	07/15/96	8 - 10	0.7 *U*	1.8	0.047	0.40	0.97	1.42	42.3	25.8	11.9	17.8	48.5
BOSD0419	SCCB-02	07/15/96	10 - 12	0.7 *U*	3.0	0.66	1.05	1.59	2.14	32.7	29.4	15.2	20.5	41.5
BOSD0421	SCCB-02	07/15/96	14 - 16	0.7 *U*	2.2	0.72	3.61	5.18	4.88	40.6	15.6	14.3	17.4	48.1
BOSD0414	SCCB-02	07/15/96	0 - 2	0.7 *U*	3.0	--	--	--	--	--	--	--	--	29.6

TABLE 1.3-1. (cont.)

Sample Number	Station	Date	Depth Range (cm)	Cyanide (mg/kg)	Total Organic Carbon (percent)	Grain Size Distribution >2 mm (percent)	1–2 mm (percent)	0.5–1 mm (percent)	0.25–0.50 mm (percent)	0.125–0.25 mm (percent)	0.062–0.125 mm (percent)	Silt (percent)	Clay (percent)	Total Solids (percent)
BOSD0424	SCCB-02	07/15/96	20 - 25	0.7 *U*	3.4	3.14	1.79	1.94	2.83	52.7	14.2	6.56	12.8	52.3
BOSD0415	SCCB-02	07/15/96	2 - 4	0.7 *U*	1.6	0.036	0.36	0.80	1.42	42.4	34.3	8.13	13.3	51.3
BOSD0416	SCCB-02	07/15/96	4 - 6	0.7 *U*	0.92	0.011	0.24	0.42	0.70	47.8	33.0	6.37	12.3	58.3
BOSD0417	SCCB-02	07/15/96	6 - 8	0.7 *U*	1.6	0.010 *U*	0.66	1.10	2.10	35.6	33.6	10.7	17.3	49.3
BOSD0049	SCCD-04	05/21/96	0 - 2	0.7 *U*	4.8	0.059	0.86	4.95	10.8	13.9	5.49	29.5	38.1	29.7
BOSD0050	SCCD-04	05/21/96	2 - 4	0.7 *U*	5.2	0.28	1.95	5.37	6.82	10.8	5.23	30.1	42.3	30.7
BOSD0051	SCCD-04	05/21/96	4 - 6	0.7 *U*	5.2	0.41	1.87	6.56	7.76	11.3	5.31	23.8	45.2	31.7
BOSD0052	SCCD-04	05/21/96	6 - 8	0.7 *U*	5.2	0.23	1.26	3.61	7.23	12.8	5.87	25.6	46.7	32.4
BOSD0053	SCCD-04	05/21/96	8 - 10	0.7 *U*	5.6	0.39	1.79	3.61	4.91	12.0	5.25	23.9	56.7	28.9
BOSD0054	SCCD-04	05/21/96	10 - 12	0.7 *U*	6.6	0.55	2.66	5.37	5.59	9.22	4.71	27.2	48.3	29.6
BOSD0056	SCCD-04	05/21/96	14 - 16	0.7 *U*	5.8	0.45	3.47	5.36	5.25	10.2	4.60	22.9	48.8	34.5
BOSD0058	SCCD-04	05/21/96	18 - 20	0.7 *U*	5.8	0.77	2.91	4.29	4.86	9.71	4.59	25.0	49.1	34.2
BOSD0065	SCCD-05	05/16/96	0 - 2	1.1 *U*	3.0	0.010 *U*	0.010 *U*	0.19	0.66	31.2	0.83	26.5	36.4	34.3
BOSD0066	SCCD-05	05/16/96	2 - 4	1.1 *U*	3.8	0.010 *U*	0.010 *U*	0.20	0.86	19.4	9.37	25.5	48.1	37.8
BOSD0067	SCCD-05	05/16/96	4 - 6	1.1 *U*	4.9	0.049	0.50	1.48	1.27	4.41	5.26	34.9	52.8	35.2
BOSD0068	SCCD-05	05/16/96	6 - 8	1.1 *U*	4.9	0.010 *U*	0.013	0.18	0.79	3.54	5.30	42.8	51.7	35.0
BOSD0069	SCCD-05	05/16/96	8 - 10	0.7 *U*	5.0	1.02	3.68	2.99	3.53	5.93	5.35	40.8	40.5	34.7
BOSD0070	SCCD-05	05/16/96	10 - 12	0.7 *U*	5.2	0.41	2.01	3.97	3.75	3.93	4.21	51.3	33.7	34.9
BOSD0072	SCCD-05	05/16/96	14 - 16	0.7 *U*	5.2	0.38	1.21	4.06	4.66	4.90	6.20	56.2	26.1	35.8
BOSD0074	SCCD-05	05/16/96	18 - 20	0.7 *U*	5.0	0.48	0.82	4.10	5.78	5.56	5.64	54.2	29.0	36.1
BOSD0081	SCCD-06	05/22/96	0 - 2	0.4 *U*	0.88	0.010 *U*	0.30	0.62	2.05	63.8	14.2	4.67	11.1	60.4
BOSD0082	SCCD-06	05/22/96	2 - 4	0.4 *U*	0.98	0.010	0.27	0.31	2.50	69.4	10.6	4.23	10.2	63.1
BOSD0083	SCCD-06	05/22/96	4 - 6	0.4 *U*	0.96	0.010 *U*	0.31	0.47	3.64	65.3	9.81	4.67	11.9	63.3
BOSD0084	SCCD-06	05/22/96	6 - 8	0.4 *U*	1.1	0.25	0.37	0.46	4.70	62.7	0.10	5.44	14.1	62.7
BOSD0085	SCCD-06	05/22/96	8 - 10	0.4 *U*	0.49	0.037	0.13	0.25	3.64	74.4	13.2	2.44	7.06	71.6
BOSD0086	SCCD-06	05/22/96	10 - 12	0.4 *U*	0.53	0.23	0.39	1.39	8.46	67.2	11.3	2.15	6.73	73.2
BOSD0088	SCCD-06	05/22/96	14 - 16	0.4 *U*	0.78	0.42	0.92	6.65	28.7	49.1	4.89	2.28	7.11	73.4
BOSD0090	SCCD-06	05/22/96	18 - 20	0.4 *U*	0.50	0.17	0.92	6.53	29.9	44.9	6.29	2.35	7.83	74.8
BOSD0097	SCCD-07	05/20/96	0 - 2	0.7 *U*	3.5	0.010 *U*	0.29	0.94	1.74	7.65	8.70	37.2	43.6	33.3
BOSD0098	SCCD-07	05/20/96	2 - 4	0.7 *U*	3.6	0.010 *U*	0.60	1.28	1.50	8.22	13.6	*R*	45.8	32.9
BOSD0099	SCCD-07	05/20/96	4 - 6	0.7 *U*	4.1	0.010 *U*	1.68	2.01	1.84	6.23	9.80	28.1	50.9	31.9
BOSD0100	SCCD-07	05/20/96	6 - 8	0.7 *U*	4.0	0.040	0.48	1.87	1.89	5.54	7.51	33.5	49.7	31.4
BOSD0101	SCCD-07	05/20/96	8 - 10	0.7 *U*	4.3	0.11	0.42	1.45	1.67	8.05	9.15	25.7	49.7	34.7
BOSD0102	SCCD-07	05/20/96	10 - 12	0.7 *U*	3.9	0.22	1.79	2.70	1.97	7.16	8.35	24.8	50.6	35.1
BOSD0104	SCCD-07	05/20/96	14 - 16	0.7 *U*	2.8	0.18	1.10	1.43	1.07	16.9	16.1	18.6	37.5	43.3
BOSD0106	SCCD-07	05/20/96	18 - 20	0.7 *U*	1.9	0.30	1.15	1.05	1.00	26.8	21.5	15.1	34.1	46.5

TABLE 1.3-1. (cont.)

Sample Number	Station	Date	Depth Range (cm)	Cyanide (mg/kg)	Total Organic Carbon (percent)	Grain Size Distribution >2 mm (percent)	1–2 mm (percent)	0.5–1 mm (percent)	0.25–0.50 mm (percent)	0.125–0.25 mm (percent)	0.062–0.125 mm (percent)	Silt (percent)	Clay (percent)	Total Solids (percent)
BOSD0113	SCCD-08	05/22/96	0 – 2	0.4 *U*	0.60	0.010 *U*	0.40	1.14	4.36	69.4	12.1	3.36	8.32	70.9
BOSD0114	SCCD-08	05/22/96	2 – 4	0.4 *U*	0.77	0.12	0.79	1.30	3.50	61.7	17.1	3.96	9.93	67.4
BOSD0115	SCCD-08	05/22/96	4 – 6	0.4 *U*	0.75	0.17	1.09	2.12	5.17	63.1	14.2	3.78	10.1	66.9
BOSD0116	SCCD-08	05/22/96	6 – 8	0.4 *U*	0.78	0.15	0.61	1.15	3.16	67.8	11.8	4.24	10.2	66.0
BOSD0117	SCCD-08	05/22/96	8 – 10	0.4 *U*	0.50	0.062	0.29	0.91	2.78	71.2	0.44	2.83	7.46	70.6
BOSD0118	SCCD-08	05/22/96	10 – 12	0.4 *U*	0.74	0.010 *U*	1.79	2.45	5.04	67.3	14.7	3.87	10.9	69.0
BOSD0120	SCCD-08	05/22/96	14 – 16	0.4 *U*	0.77	0.062	0.58	1.61	3.43	64.9	14.7	3.56	9.92	67.6
BOSD0122	SCCD-08	05/22/96	18 – 20	0.4 *U*	0.84	0.17	2.49	3.00	4.89	62.0	12.5	4.16	10.5	67.0
BOSD0129	SCCD-09	05/20/96	0 – 2	0.7 *U*	3.4	0.23	0.76	1.43	5.59	56.3	12.7	9.88	15.1	49.9
BOSD0130	SCCD-09	05/20/96	2 – 4	0.7 *U*	4.7	0.79	1.72	2.47	5.52	42.7	12.3	14.6	23.2	42.5
BOSD0131	SCCD-09	05/20/96	4 – 6	0.7 *U*	5.4	1.02	2.99	3.25	4.57	37.8	11.0	17.4	23.8	38.1
BOSD0132	SCCD-09	05/20/96	6 – 8	0.7 *U*	4.9	3.82	2.14	2.74	4.36	41.9	0.18	13.4	19.2	45.1
BOSD0133	SCCD-09	05/20/96	8 – 10	0.7 *U*	6.8	3.12	3.43	3.97	5.46	34.0	10.7	13.0	21.3	41.8
BOSD0134	SCCD-09	05/20/96	10 – 12	0.7 *U*	5.9	0.22	1.65	3.26	4.57	30.9	15.5	14.5	30.7	37.1
BOSD0136	SCCD-09	05/20/96	14 – 16	0.7 *U*	6.4	0.32	2.27	2.78	3.09	26.4	13.7	16.9	37.0	33.1
BOSD0138	SCCD-09	05/20/96	18 – 20	0.7 *U*	6.8	0.13	1.82	3.13	3.47	21.9	1.20	20.9	36.4	34.4
BOSD0181	SCCD-12	07/14/96	8 – 10	0.6 *U*	2.9	--	--	--	--	--	--	--	--	41.2
BOSD0182	SCCD-12	07/14/96	10 – 12	0.6 *U*	2.8	1.28	3.15	3.78	6.20	23.6	5.00	28.5	28.8	43.2
BOSD0184	SCCD-12	07/14/96	14 – 16	0.6 *U*	3.3	0.01 *U*	0.44	1.54	3.57	31.8	6.59	26.0	41.5	39.7
BOSD0177	SCCD-12	07/14/96	0 – 2	0.6 *U*	3.5	--	--	--	--	--	--	--	--	33.8
BOSD0186	SCCD-12	07/14/96	18 – 20	0.6 *U*	3.8	0.02	0.21	0.91	2.35	22.8	8.31	31.1	41.0	37.5
BOSD0178	SCCD-12	07/14/96	2 – 4	0.6 *U*	3.7	0.02	0.11	0.18	2.07	7.34	3.47	53.3	37.2	34.7
BOSD0179	SCCD-12	07/14/96	4 – 6	0.6 *U*	3.4	--	--	--	--	--	--	--	--	37.0
BOSD0180	SCCD-12	07/14/96	6 – 8	0.6 *U*	3.6	1.83	2.85	4.63	4.67	12.9	3.71	36.3	36.4	37.3
BOSD0354	SCCD-14	07/13/96	8 – 10	0.7 *U*	1.0	1.71	2.69	12.8	43.0	0.74	14.0	5.16	12.3	59.0
BOSD0355	SCCD-14	07/13/96	10 – 12	0.7 *U*	2.2	0.67	4.02	11.5	30.0	12.2	1.13	15.8	23.8	45.2
BOSD0357	SCCD-14	07/13/96	14 – 16	0.7 *U*	3.9	0.12	1.17	4.62	13.1	8.40	0.01 *U*	34.4	38.3	29.6
BOSD0350	SCCD-14	07/13/96	0 – 2	0.7 *U*	2.0	0.19	1.40	9.24	34.6	14.9	1.47	14.1	19.0	40.1
BOSD0359	SCCD-14	07/13/96	18 – 20	0.7 *U*	3.3	0.06	0.54	1.84	20.2	3.33	21.2	31.0	37.8	28.9
BOSD0351	SCCD-14	07/13/96	2 – 4	0.7 *U*	0.75	0.44	3.46	15.0	49.9	0.83	18.6	3.60	7.30	64.5
BOSD0352	SCCD-14	07/13/96	4 – 6	0.7 *U*	0.58	0.96	3.30	19.1	51.3	15.9	0.94	2.58	6.80	67.7
BOSD0353	SCCD-14	07/13/96	6 – 8	0.7 *U*	0.63	0.23	3.42	16.3	47.5	16.2	0.92	3.82	9.20	64.2
BOSD0370	SCCD-15	07/13/96	8 – 10	0.6 *U*	1.8	0.010 *U*	0.16	0.82	3.80	28.7	33.3	17.5	20.8	46.9
BOSD0371	SCCD-15	07/13/96	10 – 12	0.6 *U*	2.0	0.010 *U*	0.22	0.89	2.95	31.3	28.3	17.2	22.8	46.6
BOSD0373	SCCD-15	07/13/96	14 – 16	0.6 *U*	3.2	0.010	0.25	0.70	1.52	0.040	45.2	28.3	28.7	39.1
BOSD0366	SCCD-15	07/13/96	0 – 2	0.6 *U*	1.2	0.13	0.57	1.25	1.50	36.1	35.1	14.8	12.1	51.7

TABLE 1.3-1. (cont.)

Sample Number	Station	Date	Depth Range (cm)	Cyanide (mg/kg)	Total Organic Carbon (percent)	Grain Size Distribution >2 mm (percent)	1-2 mm (percent)	0.5-1 mm (percent)	0.25-0.50 mm (percent)	0.125-0.25 mm (percent)	0.062-0.125 mm (percent)	Silt (percent)	Clay (percent)	Total Solids (percent)
BOSD0375	SCCD-15	07/13/96	18 - 20	0.6 *U*	2.7	0.010 *U*	0.28	0.94	2.37	20.3	25.1	26.8	28.2	40.5
BOSD0367	SCCD-15	07/13/96	2 - 4		0.98	0.010 *U*	0.10	0.75	2.69	43.4	32.3	9.25	11.9	56.0
BOSD0368	SCCD-15	07/13/96	4 - 6	0.6 *U*	0.75	0.010 *U*	0.060	0.72	3.16	40.4	40.2	6.25	11.3	63.9
BOSD0369	SCCD-15	07/13/96	6 - 8	0.6 *U*	1.1	0.039	0.49	0.98	2.46	33.3	40.4	10.3	13.5	56.9
BOSD0001	SCM-01	05/14/96	0 - 2	1.1 *U*	7.6	9.64	13.4	9.36	6.25	11.5	8.88	21.9	22.1	28.0
BOSD0002	SCM-01	05/14/96	2 - 4	1.1 *U*	7.1	9.24	7.93	7.85	6.08	12.4	11.2	20.4	22.3	31.1
BOSD0003	SCM-01	05/14/96	4 - 6	1.1 *U*	7.9	5.14	7.8	6.87	6.30	15.4	13.2	20.9	24.7	33.2
BOSD0004	SCM-01	05/14/96	6 - 8	1.1 *U*	5.1	3.30	4.47	6.42	4.47	12.2	17.9	23.9	33.7	33.8
BOSD0005	SCM-01	05/14/96	8 - 10	1.1 *U*	6.1	5.98 *J*	3.94 *J*	5.25 *J*	5.08 *J*	11.3 *J*	0.16 *J*	26.0 *J*	29.3 *J*	33.1
BOSD0006	SCM-01	05/14/96	10 - 12	1.1 *U*	8.0	0.37	0.41	0.72	1.10	9.77	16.1	31.5	49.3	31.8
BOSD0008	SCM-01	05/14/96	14 - 16	1.1 *U*	4.8	0.32	1.25	1.87	2.05	12.8	15.2	26.2	45.2	33.6
BOSD0010	SCM-01	05/14/96	18 - 20	1.1 *U*	3.6	0.034	0.30	0.92	1.42	20.9	23.0	21.0	36.9	37.8
BOSD0225	SCM-02	05/17/96	0 - 2	1.1 *U*	10.9	5.25	1.88	2.63	3.39	2.81	1.86	43.2	41.5	20.6
BOSD0226	SCM-02	05/17/96	2 - 4	1.1 *U*	13.1	18.7	1.75	1.68	2.60	3.06	2.45	36.1	42.2	18.8
BOSD0227	SCM-02	05/17/96	4 - 6	1.1 *U*	3.7	31.1	1.42	1.19	1.27	1.20	0.80	29.2	34.7	18.7
BOSD0228	SCM-02	05/17/96	6 - 8	1.1 *U*	12.7	21.3	3.42	2.62	2.63	2.08	1.69	29.3	37.8	22.4
BOSD0229	SCM-02	05/17/96	8 - 10	1.1 *U*	10.7	8.10	3.86	3.92	3.30	3.24	0.048	40.5	41.9	23.1
BOSD0230	SCM-02	05/17/96	10 - 12	1.1 *U*	13.9	7.10	5.86	8.30	8.72	8.73	7.02	22.4	23.4	23.2
BOSD0232	SCM-02	05/17/96	14 - 16	1.1 *U*	8.8	3.70 *J*	1.63 *J*	2.58 *J*	3.79 *J*	4.24 *J*	3.59 *J*	29.0 *J*	33.6 *J*	26.0
BOSD0234	SCM-02	05/17/96	18 - 20	1.1 *U*	11.5	0.94	0.43	1.36	3.06	4.17	0.19	42.5	40.5	27.3
BOSD0241	SCM-03	05/15/96	0 - 2	1.1 *U*	9.3	6.53	5.91	4.79	3.21	2.48	1.61	36.7	38.4	24.5
BOSD0242	SCM-03	05/15/96	2 - 4	1.1 *U*	9.6	4.61	5.50	6.69	4.46	3.08	2.06	33.5	43.6	23.8
BOSD0243	SCM-03	05/15/96	4 - 6	1.1 *U*	8.1	18.8	6.04	3.52	2.53	1.90	1.35	27.0	36.0	25.2
BOSD0244	SCM-03	05/15/96	6 - 8	1.1 *U*	8.9	15.4	3.84	2.69	2.34	2.05	0.16	34.1	38.2	24.4
BOSD0245	SCM-03	05/15/96	8 - 10	1.1 *U*	7.9	37.2	1.75	1.49	1.50	1.43	1.03	23.1	26.0	25.2
BOSD0246	SCM-03	05/15/96	10 - 12	1.1 *U*	8.6	4.83	0.97	1.02	1.34	1.83	1.81	37.8	47.6	26.6
BOSD0248	SCM-03	05/15/96	14 - 16	1.1 *U*	16.0	13.0 *J*	3.61 *J*	3.04 *J*	2.80 *J*	2.50 *J*	0.061 *J*	22.6 *J*	25.3 *J*	28.3
BOSD0250	SCM-03	05/15/96	18 - 20	1.1 *U*	12.1	22.3	3.89	2.91	3.01	2.71	2.24	29.3	27.1	26.2
BOSD0386	SCMB-01	07/15/96	8 - 10	0.6 *U*	4.9	2.69	1.13	1.39	1.70	2.16	5.23	66.2	24.0	37.4
BOSD0387	SCMB-01	07/15/96	10 - 12	0.6 *U*	4.5	20.9	2.18	1.45	1.59	1.60	3.27	58.2	22.9	37.7
BOSD0389	SCMB-01	07/15/96	14 - 16	0.6 *U*	4.3	0.85	0.72	0.95	1.30	1.80	3.19	42.3	50.4	37.4
BOSD0382	SCMB-01	07/15/96	0 - 2	0.6 *U*	5.5	5.12	0.95	1.25	1.65	2.03	8.84	50.0	36.2	39.2
BOSD0391	SCMB-01	07/15/96	18 - 20	0.6 *U*	4.2	0.28	0.31	0.64	1.26	1.58	3.00	76.1	16.6	36.7
BOSD0383	SCMB-01	07/15/96	2 - 4	0.6 *U*	4.4	4.84	2.12	1.77	1.76	2.27	6.74	53.9	26.2	39.4
BOSD0384	SCMB-01	07/15/96	4 - 6	0.6 *U*	5.4	--	--	--	--	--	--	--	--	41.8
BOSD0385	SCMB-01	07/15/96	6 - 8	0.6 *U*	6.9	8.12	1.72	1.46	1.81	2.02	4.18	62.1	21.9	38.8

TABLE 1.3-1. (cont.)

Sample Number	Station	Date	Depth Range (cm)	Cyanide (mg/kg)	Total Organic Carbon (percent)	Grain Size Distribution >2 mm (percent)	1–2 mm (percent)	0.5–1 mm (percent)	0.25–0.50 mm (percent)	0.125–0.25 mm (percent)	0.062–0.125 mm (percent)	Silt (percent)	Clay (percent)	Total Solids (percent)
Channel Reference														
BOSD0257	SCCR-01	05/18/96	0 - 2	1.1 *U*	2.6	0.010 *U*	0.18	0.16	0.77	16.6	16.5	30.3	29.5	31.3
BOSD0258	SCCR-01	05/18/96	2 - 4	1.1 *U*	2.5	0.56	1.86	4.35	4.55	25.7	13.9	24.3	30.3	29.4
BOSD0259	SCCR-01	05/18/96	4 - 6	1.1 *U*	2.9	0.36	0.43	0.88	1.30	6.76	9.37	60.4	23.2	27.8
BOSD0260	SCCR-01	05/18/96	6 - 8	1.1 *U*	3.0	5.18	5.48	14.0	6.84	8.74	15.3	30.8	26.9	27.1
BOSD0261	SCCR-01	05/18/96	8 - 10	1.1 *U*	2.9	1.37	1.62	7.53	8.10	10.5	8.11	24.0	39.6	27.4
BOSD0262	SCCR-01	05/18/96	10 - 12	1.1 *U*	3.1	0.30	0.88	9.66	11.4	12.7	22.5	24.2	25.8	27.6
BOSD0264	SCCR-01	05/18/96	14 - 16	1.1 *U*	2.9	8.33	16.6	11.8	7.86	14.1	6.93	19.8	22.5	29.4
BOSD0266	SCCR-01	05/18/96	18 - 20	1.1 *U*	2.6	0.37	3.30	8.70	8.83	25.3	7.48	16.6	29.2	31.2
Marsh Reference														
BOSD0273	SCMR-01	05/18/96	0 - 2	1.1 *U*	8.3	1.00	1.33	2.10	3.03	3.48	2.68	41.5	44.4	28.9
BOSD0274	SCMR-01	05/18/96	2 - 4	1.1 *U*	10.8	0.99	1.34	2.95	4.83	5.55	4.54	42.2	37.6	25.2
BOSD0275	SCMR-01	05/18/96	4 - 6	1.1 *U*	11.8	6.58	3.21	2.45	3.09	3.21	1.30	30.2	40.8	25.0
BOSD0276	SCMR-01	05/18/96	6 - 8	1.1 *U*	10.9	8.85	3.32	4.14	4.35	4.48	3.04	30.5	33.3	23.7
BOSD0277	SCMR-01	05/18/96	8 - 10	1.1 *U*	12.7	3.02	1.76	2.33	2.70	3.25	2.75	37.5	50.5	23.1
BOSD0278	SCMR-01	05/18/96	10 - 12	1.1 *U*	11.2	5.96	2.29	2.43	2.82	2.84	2.65	42.4	44.1	24.0
BOSD0280	SCMR-01	05/18/96	14 - 16	1.1 *U*	8.6	2.42	2.63	3.66	3.31	3.61	0.080	41.0	50.4	25.1
BOSD0282	SCMR-01	05/18/96	18 - 20	1.1 *U*	6.2	--	--	--	--	--	--	--	--	24.9

Note: Results are reported on a dry weight basis, except for total solids results, which are reported as wet weight.

J - estimated

U - undetected

R - rejected

-- - insufficient sample volume to complete all analyses

TABLE 1.3-2. MULTI-DEPTH SEDIMENT SAMPLES—METALS

Sample Number	Station	Date	Depth Range (cm)	Aluminum (mg/kg)	Antimony (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Calcium (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)
BOSD0001	SCM-01	05/14/96	0 - 2	21,400	0.05 J	7.7	25	1.1	0.060	2,440	87	4.3	9.5	17,800	22.0
BOSD0002	SCM-01	05/14/96	2 - 4	26,300	0.08 J	9.3	28	1.2	0.070	2,310	105	4.8	10.8	18,700	24.7
BOSD0003	SCM-01	05/14/96	4 - 6	25,600	0.06 J	8.6	28	1.1	0.070	2,220	80	4.3	9.7	17,300	25.4
BOSD0004	SCM-01	05/14/96	6 - 8	22,900	0.07 J	17.6	32	1.1	0.070	2,400	57	4.6	10.6	21,600	27.4
BOSD0005	SCM-01	05/14/96	8 - 10	17,200	0.09 J	20.1	27	1.2	0.11	2,370	38	4.8	8.9 J	19,600	28.3
BOSD0006	SCM-01	05/14/96	10 - 12	17,200	0.14 J	28.9	24	1.1	0.11	2,360	38	10.1	9.4 J	21,800	29.1
BOSD0008	SCM-01	05/14/96	14 - 16	13,600	0.09 J	15.6	18	1.0	0.070	1,940	29	5.3	7.3 J	12,200	23.6
BOSD0010	SCM-01	05/14/96	18 - 20	15,800	0.05 J	13.3	22	0.88	0.050	1,760	28	4.9	4.8 J	14,400	16.0
BOSD0017	SCC-02	05/17/96	0 - 2	21,400	0.08 J	10.9	28	1.4	0.18	3,860	55	6.0	11.1	28,300	36.5
BOSD0018	SCC-02	05/17/96	2 - 4	22,900	0.07 J	11.5	29	1.4	0.16	4,200	54	6.1	10.2	30,500	38.4
BOSD0019	SCC-02	05/17/96	4 - 6	24,600	0.07 J	17.1	30	1.5	0.18	4,760	56	7.1	11.1	38,000	44.9
BOSD0020	SCC-02	05/17/96	6 - 8	19,000	0.12 J	25.9	24	1.3	0.21	4,470	47	7.2	8.7	43,100	27.4
BOSD0021	SCC-02	05/17/96	8 - 10	24,400	0.07 J	19.6	29	1.5	0.18	4,480	57	7.1	9.8	39,600	24.9
BOSD0022	SCC-02	05/17/96	10 - 12	17,100	0.08 J	21.1	24	1.3	0.18	4,310	48	5.8	8.1	42,200	22.2
BOSD0024	SCC-02	05/17/96	14 - 16	14,200	0.09 J	15.2	22	1.2	0.15	4,020	43	4.9	7.0	33,400	19.7
BOSD0026	SCC-02	05/17/96	18 - 20	18,300	0.07 J	14.2	26	1.5	0.13	4,360	44	5.3	6.7	34,000	19.5
BOSD0033	SCC-03	05/15/96	0 - 2	21,700	0.04 J	9.7	26	1.3	0.21	3,540	103	5.2	11.7	22,900	27.1
BOSD0034	SCC-03	05/15/96	2 - 4	29,900	0.04 J	9.3	30	1.3	0.13	2,710	99	5.8	11.3	25,400	25.5
BOSD0035	SCC-03	05/15/96	4 - 6	14,300	0.03 J	7.5	15	0.66	0.080	1,850	49	3.4	5.9	16,700	13.0
BOSD0036	SCC-03	05/15/96	6 - 8	7,790	0.03 J	5.2	9	0.51	0.030	962	23	2.4	3.8	11,600	8.4
BOSD0037	SCC-03	05/15/96	8 - 10	19,800	0.06 J	10.2	22	1.1	0.10	1,590	41	4.3	7.1	23,000	17.0
BOSD0038	SCC-03	05/15/96	10 - 12	19,300	0.04 J	9.4	21	1.1	0.070	1,650	36	4.4	7.4	21,600	17.8
BOSD0040	SCC-03	05/15/96	14 - 16	21,900	0.04 J	11.3	24	1.2	0.050	1,640	34	5.0	7.6	24,400	16.6
BOSD0042	SCC-03	05/15/96	18 - 20	29,300	0.05 J	11.4	29	1.4	0.050	1,830	40	6.2	8.7	26,800	18.2
BOSD0049	SCCD-04	05/21/96	0 - 2	26,400	0.08 J	11.0	33	1.5	0.18	4,390	67	6.8	21.9 J	25,500	116
BOSD0050	SCCD-04	05/21/96	2 - 4	30,600	0.09 J	11.1	37	1.6	0.25	5,230	75	7.5	19.8 J	27,400	52.9
BOSD0051	SCCD-04	05/21/96	4 - 6	20,200	0.09 J	11.4	30	1.4	0.21	4,500	64	6.2	18.9 J	24,600	48.9
BOSD0052	SCCD-04	05/21/96	6 - 8	25,500	0.09 J	10.9	34	1.5	0.20	6,240	69	6.7	24.4 J	26,000	60.1
BOSD0053	SCCD-04	05/21/96	8 - 10	24,400	0.11 J	11.7	34	1.5	0.23	4,610	69	6.8	20.1 J	25,800	53.1
BOSD0054	SCCD-04	05/21/96	10 - 12	24,100	0.09 J	12.1	34	1.5	0.21	5,300	74	6.7	21.1 J	29,200	49.6
BOSD0056	SCCD-04	05/21/96	14 - 16	28,000	0.09 J	11.2	42	1.6	0.23	6,080	66	7.0	30.4 J	27,800	67.8
BOSD0058	SCCD-04	05/21/96	18 - 20	28,200	0.11 J	11.9	40	1.6	0.26	6,200	61	7.3	17.8 J	28,900	47.9
BOSD0065	SCCD-05	05/16/96	0 - 2	16,000	0.05 J	7.4	22	0.93	0.17	2,560	46	4.0	9.8 J	16,900	20.8
BOSD0066	SCCD-05	05/16/96	2 - 4	21,900	0.05 J	9.5	29	1.2	0.19	3,850	46	5.2	12.4 J	23,300	28.2
BOSD0067	SCCD-05	05/16/96	4 - 6	25,200	0.06 J	11.0	34	1.4	0.22	5,850	51	6.3	14.7 J	27,500	34.3
BOSD0068	SCCD-05	05/16/96	6 - 8	26,300	0.07 J	10.8	36	1.4	0.21	5,610	55	6.1	14.1 J	27,400	37.3

TABLE 1.3-2. (cont.)

Sample Number	Station	Date	Depth Range (cm)	Aluminum (mg/kg)	Antimony (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Calcium (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)
BOSD0069	SCCD-05	05/16/96	8 - 10	27,100	0.09 *J*	13.3	40	1.6	0.23	5,780	53	7.1	15.7 *J*	29,400	36.5
BOSD0070	SCCD-05	05/16/96	10 - 12	26,600	0.06 *J*	12.9	38	1.6	0.22	6,370	55	6.9	16.0 *J*	28,600	38.2
BOSD0072	SCCD-05	05/16/96	14 - 16	26,600	0.08 *J*	13.3	41	1.6	0.24	6,680	54	7.1	16.3 *J*	29,600	38.0
BOSD0074	SCCD-05	05/16/96	18 - 20	33,600	0.06 *J*	14.0	47	1.7	0.22	5,900	54	7.8	16.6 *J*	31,500	35.2
BOSD0081	SCCD-06	05/22/96	0 - 2	5,330	0.02 *U*	3.2	8	0.34	0.11	804	18	1.5	3.1 *J*	5,560	7.0
BOSD0082	SCCD-06	05/22/96	2 - 4	4,620	0.02 *J*	3.1	51	0.34	0.090	794	15	1.6	2.9 *J*	5,860	7.3
BOSD0083	SCCD-06	05/22/96	4 - 6	6,170	0.02 *U*	2.8	9	0.34	0.10	893	16	1.6	3.1 *J*	6,000	6.5
BOSD0084	SCCD-06	05/22/96	6 - 8	4,790	0.02 *U*	3.1	9	0.34	0.11	1,060	17	1.6	3.1 *J*	6,080	8.4
BOSD0085	SCCD-06	05/22/96	8 - 10	3,020	0.02 *U*	1.8	5	0.19	0.070	680	12	0.86	4.3 *J*	3,310	4.6
BOSD0086	SCCD-06	05/22/96	10 - 12	2,730	0.02 *U*	1.8	7	0.19	0.030	967	10	0.87	1.8 *J*	3,190	7.2
BOSD0088	SCCD-06	05/22/96	14 - 16	3,600	0.02 *U*	2.1	7	0.23	0.050	1,630	11	0.98	11.7 *J*	3,670	15.4
BOSD0090	SCCD-06	05/22/96	18 - 20	3,640	0.02 *U*	2.3	5	0.24	0.050	2,300	7	0.93	1.9 *J*	3,930	26.4
BOSD0097	SCCD-07	05/20/96	0 - 2	25,200	0.06 *J*	9.6	32	1.3	0.19	6,500	40	5.6	11.3 *J*	25,000	24.4
BOSD0098	SCCD-07	05/20/96	2 - 4	22,500	0.06 *J*	9.0	31	1.2	0.12	5,430	37	5.2	10.2 *J*	22,400	23.8
BOSD0099	SCCD-07	05/20/96	4 - 6	20,100	0.04 *J*	10.0	28	1.3	0.29	4,760	36	5.3	10.2 *J*	23,700	23.5
BOSD0100	SCCD-07	05/20/96	6 - 8	29,300	0.08 *J*	9.9	36	1.4	0.16	5,680	44	6.0	12.3 *J*	27,700	24.9
BOSD0101	SCCD-07	05/20/96	8 - 10	20,200	0.56 *J*	9.2	30	1.3	0.26	6,580	34	6.3	11.2 *J*	23,400	24.6
BOSD0102	SCCD-07	05/20/96	10 - 12	20,400	0.17 *J*	9.2	30	1.2	0.15	6,560	33	5.1	17.3 *J*	22,700	22.3
BOSD0104	SCCD-07	05/20/96	14 - 16	16,700	0.08 *J*	8.1	24	0.92	0.11	6,510	26	4.0	7.9 *J*	18,500	17.2
BOSD0106	SCCD-07	05/20/96	18 - 20	15,000	0.06 *J*	6.3	25	0.76	0.080	5,440	23	3.3	6.7 *J*	15,500	16.2
BOSD0113	SCCD-08	05/22/96	0 - 2	3,550	0.02 *U*	1.9	7	0.26	0.065	791	12	1.1	10.4 *J*	3,930	5.1
BOSD0114	SCCD-08	05/22/96	2 - 4	4,000	0.02 *U*	3.2	8	0.30	0.090	847	16	1.3	2.5 *J*	4,870	5.8
BOSD0115	SCCD-08	05/22/96	4 - 6	3,310	0.02 *U*	2.6	7	0.30	0.070	1,040	16	1.1	2.3 *J*	4,330	5.3
BOSD0116	SCCD-08	05/22/96	6 - 8	4,720	0.02 *U*	2.7	8	0.33	0.090	976	21	1.4	2.9 *J*	4,930	6.3
BOSD0117	SCCD-08	05/22/96	8 - 10	2,030	0.02 *U*	1.8	5	0.19	0.070	802	14	0.79	1.6 *J*	3,110	6.1
BOSD0118	SCCD-08	05/22/96	10 - 12	3,790	0.02 *U*	2.6	6	0.28	0.10	797	20	1.2	2.2 *J*	4,350	5.3
BOSD0120	SCCD-08	05/22/96	14 - 16	4,470	0.02 *U*	2.4	8	0.32	0.11	966	24	1.4	2.7 *J*	5,180	6.1
BOSD0122	SCCD-08	05/22/96	18 - 20	3,840	0.05 *J*	2.8	7	0.33	0.11	896	19	1.3	2.8 *J*	4,950	6.8
BOSD0129	SCCD-09	05/20/96	0 - 2	7,150	0.11 *J*	4.8	31	0.50	0.20	1,330	26	2.7	10.7 *J*	10,100	108
BOSD0130	SCCD-09	05/20/96	2 - 4	10,900	0.07 *J*	7.0	25	0.72	0.25	1,860	43	4.0	18.0 *J*	15,400	126
BOSD0131	SCCD-09	05/20/96	4 - 6	13,500	0.08 *J*	8.5	32	0.87	0.26	2,260	52	4.6	14.6 *J*	19,000	115
BOSD0132	SCCD-09	05/20/96	6 - 8	9,590	0.06 *J*	6.1	22	0.65	0.22	2,010	47	3.5	22.8 *J*	12,900	104
BOSD0133	SCCD-09	05/20/96	8 - 10	13,700	3.2 *J*	7.9	28	0.81	0.31	2,080	69	4.2	14.7 *J*	17,800	125
BOSD0134	SCCD-09	05/20/96	10 - 12	17,900	0.11 *J*	7.8	33	0.96	0.35	2,600	86	4.8	17.4 *J*	20,400	185
BOSD0136	SCCD-09	05/20/96	14 - 16	19,000	0.10 *J*	10.1	38	1.2	0.33	3,120	81	5.5	17.8 *J*	21,600	132
BOSD0138	SCCD-09	05/20/96	18 - 20	18,500	0.11 *J*	8.5	38	1.1	0.46	2,900	63	6.9	20.2 *J*	21,700	118

TABLE 1.3-2. (cont.)

Sample Number	Station	Date	Depth Range (cm)	Aluminum (mg/kg)	Antimony (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Calcium (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)
BOSD0177	SCCD-12	07/14/96	0 - 2	17,000	0.05 *J*	10.0	25	1.2	0.14	7,260	35	5.2	11.5	22,200	22.2
BOSD0178	SCCD-12	07/14/96	2 - 4	16,900	0.06 *J*	12.8	26	1.2	0.19	6,910	33	5.4	11.9	24,000	22.9
BOSD0179	SCCD-12	07/14/96	4 - 6	16,700	0.22 *J*	10.6	25	1.2	0.23	6,940	30	6.0	11.5	22,300	23.1
BOSD0180	SCCD-12	07/14/96	6 - 8	16,400	0.06 *J*	11.1	24	1.1	0.17	7,140	29	4.9	10.8	21,900	20.4
BOSD0181	SCCD-12	07/14/96	8 - 10	11,000	0.05 *J*	10.5	18	0.83	0.13	8,850	22	3.6	7.9	18,000	15.2
BOSD0182	SCCD-12	07/14/96	10 - 12	18,300	0.04 *J*	11.5	24	0.97	0.11	5,970	29	4.5	8.7	19,600	16.1
BOSD0184	SCCD-12	07/14/96	14 - 16	20,200	0.03 *J*	11.2	26	1.1	0.13	7,180	31	5.0	9.2	20,900	17.0
BOSD0186	SCCD-12	07/14/96	18 - 20	19,100	0.04 *J*	13.1	25	1.2	0.16	6,330	31	5.3	10.2	23,000	19.5
BOSD0209	SCC-01	05/17/96	0 - 2	14,100	0.14 *J*	13.4	23	1.2	0.17	4,060	61	5.2	9.0 *J*	26,100	23.6
BOSD0210	SCC-01	05/17/96	2 - 4	16,000	0.09 *J*	13.5	23	1.3	0.18	3,330	66	5.5	9.6 *J*	27,300	24.5
BOSD0211	SCC-01	05/17/96	4 - 6	11,200	0.08 *J*	14.9	18	1.1	0.20	3,350	58	5.6	9.2 *J*	27,200	22.3
BOSD0212	SCC-01	05/17/96	6 - 8	22,500	0.08 *J*	13.9	26	1.3	0.17	3,110	69	6.2	9.4 *J*	30,500	22.6
BOSD0213	SCC-01	05/17/96	8 - 10	13,000	0.10 *J*	12.3	20	1.1	0.14	2,820	55	4.5	8.1 *J*	23,500	20.0
BOSD0214	SCC-01	05/17/96	10 - 12	13,500	0.09 *J*	11.8	31	1.1	0.14	2,760	52	4.7	7.4 *J*	23,700	24.4
BOSD0216	SCC-01	05/17/96	14 - 16	20,700	0.04 *J*	11.3	26	1.2	0.12	3,120	50	5.0	7.4 *J*	24,400	19.3
BOSD0218	SCC-01	05/17/96	18 - 20	11,500	0.07 *J*	11.0	26	0.98	0.12	2,860	38	4.1	6.8 *J*	20,400	18.6
BOSD0225	SCM-02	05/17/96	0 - 2	26,000	0.06 *J*	9.7	31	1.3	0.16	3,040	127	5.5	14.6	20,100	32.1
BOSD0226	SCM-02	05/17/96	2 - 4	27,100	0.07 *J*	9.0	32	1.4	0.16	3,140	171	5.9	15.6	22,600	33.0
BOSD0227	SCM-02	05/17/96	4 - 6	31,200	0.07 *J*	8.7	36	1.6	0.22	3,380	195	8.2	18.1	27,300	40.0
BOSD0228	SCM-02	05/17/96	6 - 8	24,700	0.06 *J*	7.0	30	1.4	0.21	2,840	165	7.1	15.0	24,500	36.4
BOSD0229	SCM-02	05/17/96	8 - 10	12,700	0.19 *J*	14.7	16	0.98	0.15	2,380	35	4.4	9.7 *J*	24,600	25.6
BOSD0230	SCM-02	05/17/96	10 - 12	16,700	0.10 *J*	16.4	19	1.1	0.31	2,940	52	6.4	11.6 *J*	29,200	35.9
BOSD0232	SCM-02	05/17/96	14 - 16	19,200	0.06 *J*	8.3	22	1.2	0.19	2,240	91	6.2	11.1 *J*	24,300	31.2
BOSD0234	SCM-02	05/17/96	18 - 20	24,200	0.09 *J*	10.7	26	1.4	0.19	2,230	36	6.0	11.2 *J*	27,800	80.6
BOSD0241	SCM-03	05/15/96	0 - 2	20,300	0.11 *J*	8.9	25	1.4	0.060	2,380	106	4.2	9.4 *J*	16,600	25.8
BOSD0242	SCM-03	05/15/96	2 - 4	23,500	0.09 *J*	8.2	26	1.4	0.070	2,010	131	3.7	10.3 *J*	15,300	26.4
BOSD0243	SCM-03	05/15/96	4 - 6	19,500	0.10 *J*	6.7	24	1.3	0.050	1,750	139	3.1	9.6 *J*	13,600	25.1
BOSD0244	SCM-03	05/15/96	6 - 8	25,700	0.11 *J*	8.3	28	1.4	0.050	1,760	164	3.6	10.4 *J*	14,500	26.0
BOSD0245	SCM-03	05/15/96	8 - 10	27,200	0.08 *J*	6.3	30	1.5	0.11	1,810	163	3.9	11.0 *J*	15,500	28.3
8OSD0246	SCM-03	05/15/96	10 - 12	24,300	0.06 *J*	4.8	27	1.3	0.080	1,650	133	3.9	9.9 *J*	13,600	27.0
BOSD0248	SCM-03	05/15/96	14 - 16	16,600	0.11 *J*	12.5	19	0.77	0.20	1,460	72	5.1	10.6 *J*	16,600	22.0
BOSD0250	SCM-03	05/15/96	18 - 20	20,400	0.13 *J*	16.6	24	1.4	0.32	2,310	53	7.9	13.7 *J*	30,000	40.0
BOSD0350	SCCD-14	07/13/96	0 - 2	5,980	0.03 *J*	5.5	10	0.49	0.13	3,630	27	2.1	4.2	8,940	7.4
BOSD0351	SCCD-14	07/13/96	2 - 4	2,710	0.02 *U*	1.7	5	0.23	0.030	1,930	10	0.84	1.6	3,300	2.9
BOSD0352	SCCD-14	07/13/96	4 - 6	2,320	0.02 *U*	1.4	4	0.19	0.070	4,150	9	0.70	1.4	2,820	2.5
BOSD0353	SCCD-14	07/13/96	6 - 8	2,180	0.02 *U*	1.9	5	0.22	0.070	5,150	11	0.81	1.8	3,410	3.1

TABLE 1.3-2. (cont.)

Sample Number	Station	Date	Depth Range (cm)	Aluminum (mg/kg)	Antimony (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Calcium (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)
BOSD0354	SCCD-14	07/13/96	8 - 10	4,010	0.02 *U*	2.6	7	0.32	0.070	2,060	17	1.2	2.5	5,420	4.5
BOSD0355	SCCD-14	07/13/96	10 - 12	6,530	0.02 *J*	4.6	11	0.59	0.15	7,720	33	2.2	4.9	9,740	8.8
BOSD0357	SCCD-14	07/13/96	14 - 16	17,200	0.03 *J*	10.6	25	1.2	0.22	19,800	72	5.1	10.6	19,400	19.3
BOSD0359	SCCD-14	07/13/96	18 - 20	18,900	0.03 *J*	9.1	25	1.2	0.19	5,280	74	5.1	10.6	19,600	17.9
BOSD0366	SCCD-15	07/13/96	0 - 2	4,070	0.03 *J*	2.6	13	0.34	0.060	1,350	21	1.5	3.0	5,820	6.0
BOSD0367	SCCD-15	07/13/96	2 - 4	4,750	0.02 *J*	2.4	9	0.32	0.070	1,090	20	1.4	3.5	5,720	5.7
BOSD0368	SCCD-15	07/13/96	4 - 6	3,200	0.02 *U*	2.4	9	0.24	0.055	1,090	17	1.1	2.3	4,430	4.5
BOSD0369	SCCD-15	07/13/96	6 - 8	6,200	0.02 *J*	3.0	15	0.39	0.080	1,400	32	1.7	3.6	7,260	7.0
BOSD0370	SCCD-15	07/13/96	8 - 10	6,590	0.02 *J*	4.4	15	0.55	0.12	1,650	50	2.4	5.0	9,760	9.2
BOSD0371	SCCD-15	07/13/96	10 - 12	5,960	0.03 *J*	4.6	14	0.55	0.12	1,750	64	2.2	6.3	9,450	9.7
BOSD0373	SCCD-15	07/13/96	14 - 16	11,500	0.04 *J*	7.5	19	0.86	0.20	2,270	96	3.5	10.3	14,900	14.6
BOSD0375	SCCD-15	07/13/96	18 - 20	9,300	0.03 *J*	6.3	17	0.77	0.18	2,320	89	3.2	7.4	13,200	13.8
BOSD0382	SCMB-01	07/15/96	0 - 2	13,400	0.05 *J*	13.1	16	0.83	0.090	1,660	31	3.2	6.9	15,000	13.3
BOSD0383	SCMB-01	07/15/96	2 - 4	17,300	0.03 *J*	22.3	18	0.92	0.12	1,580	30	6.0	8.4	20,900	17.2
BOSD0385	SCMB-01	07/15/96	6 - 8	17,600	0.04 *J*	22.9	19	1.1	0.090	1,820	30	7.1	9.0	20,800	21.5
BOSD0386	SCMB-01	07/15/96	8 - 10	13,400	0.04 *J*	17.5	16	0.87	0.070	1,930	26	4.6	7.2	19,500	13.1
BOSD0387	SCMB-01	07/15/96	10 - 12	18,600	0.03 *J*	21.4	20	0.99	0.080	2,130	32	6.1	8.7	24,200	15.6
BOSD0389	SCMB-01	07/15/96	14 - 16	15,100	0.04 *J*	22.2	18	1.0	0.090	1,900	28	6.7	8.5	26,600	15.5
BOSD0391	SCMB-01	07/15/96	18 - 20	17,400	0.04 *J*	22.0	19	1.1	0.11	1,900	30	6.9	9.4	32,100	15.7
BOSD0398	SCCB-01	07/15/96	0 - 2	8,610 *J*	0.02 *J*	7.7	13	0.64	0.15	5,590	18	2.6	4.2	12,600	8.5
BOSD0399	SCCB-01	07/15/96	2 - 4	4,790 *J*	0.03 *J*	5.9	9	0.48	0.11	4,900	12	1.9	3.0	9,350	6.1
BOSD0400	SCCB-01	07/15/96	4 - 6	17,600 *J*	0.04 *J*	15.5	24	1.3	0.23	8,470	36	4.9	8.9	24,600	16.7
BOSD0401	SCCB-01	07/15/96	6 - 8	13,400 *J*	0.03 *J*	12.6	20	0.98	0.18	7,840	28	3.7	6.5	20,400	12.9
BOSD0402	SCCB-01	07/15/96	8 - 10	6,860 *J*	0.02 *U*	7.3	12	0.57	0.14	5,540	15	2.3	4.0	10,900	7.2
BOSD0403	SCCB-01	07/15/96	10 - 12	8,510 *J*	0.02 *U*	5.7	12	0.54	0.12	5,220	16	2.3	3.7	10,700	6.6
BOSD0405	SCCB-01	07/15/96	14 - 16	19,000 *J*	0.02 *U*	14.6	30	1.3	0.20	9,540	37	5.2	9.2	24,900	16.4
BOSD0407	SCCB-01	07/15/96	18 - 20	16,700 *J*	0.03 *J*	14.6	24	1.2	0.20	11,300	35	5.0	8.6	24,500	16.1
BOSD0414	SCCB-02	07/15/96	0 - 2	6,900 *J*	0.03 *J*	12.3	9	0.94	0.21	3,630	14	4.0	7.1	9,630	11.8
BOSD0415	SCCB-02	07/15/96	2 - 4	5,300 *J*	0.02 *U*	6.2	9	0.48	0.11	4,340	13	1.9	3.2	9,730	5.9
BOSD0416	SCCB-02	07/15/96	4 - 6	6,460 *J*	0.02 *U*	4.7	11	0.44	0.10	3,960	12	1.7	2.8	8,480	5.0
BOSD0417	SCCB-02	07/15/96	6 - 8	7,800 *J*	0.02 *U*	7.2	18	0.61	0.13	4,970	16	2.5	4.1	11,800	7.6
BOSD0418	SCCB-02	07/15/96	8 - 10	8,640 *J*	0.02 *U*	7.2	12	0.62	0.14	4,710	17	2.6	4.3	11,700	8.1
BOSD0419	SCCB-02	07/15/96	10 - 12	8,390 *J*	0.02 *J*	8.9	13	0.71	0.16	6,560	19	2.8	5.1	14,600	9.1
BOSD0421	SCCB-02	07/15/96	14 - 16	10,400 *J*	0.02 *U*	8.1	17	0.79	0.13	8,440	21	3.1	5.0	14,400	9.2
BOSD0424	SCCB-02	07/15/96	20 - 25	6,550 *J*	0.02 *U*	12.3	12	0.84	0.12	4,260	13	2.4	3.5	13,100	6.2

TABLE 1.3-2. (cont.)

Sample Number	Station	Date	Depth Range (cm)	Aluminum (mg/kg)	Antimony (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Calcium (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)
Channel Reference															
BOSD0257	SCCR-01	05/18/96	0 - 2	18,100	0.03 J	8.6	20	0.89	0.080	3,730	33	3.5	6.1	19,000	13.8
BOSD0258	SCCR-01	05/18/96	2 - 4	17,600	0.04 J	8.9	21	1.0	0.090	6,450	34	3.7	8.8	21,000	15.7
BOSD0259	SCCR-01	05/18/96	4 - 6	29,300	0.03 J	8.8	30	1.3	0.12	4,250	47	5.0	8.6	25,800	19.2
BOSD0260	SCCR-01	05/18/96	6 - 8	29,300	0.04 J	9.3	30	1.3	0.13	4,750	46	5.0	8.7	26,300	20.1
BOSD0261	SCCR-01	05/18/96	8 - 10	27,700	0.03 J	9.1	30	1.3	0.13	5,090	45	4.9	8.7	26,700	19.6
BOSD0262	SCCR-01	05/18/96	10 - 12	27,900	0.03 J	10.1	30	1.3	0.15	4,620	44	5.0	8.8	26,600	20.2
BOSD0264	SCCR-01	05/18/96	14 - 16	29,300	0.03 J	9.4	30	1.3	0.13	3,760	44	5.2	8.6	25,500	20.4
BOSD0266	SCCR-01	05/18/96	18 - 20	27,700	0.03 J	8.5	29	1.2	0.090	3,170	41	4.8	7.9	23,100	18.4
Marsh Reference															
BOSD0273	SCMR-01	05/18/96	0 - 2	12,100	0.06 J	6.5	16	0.84	0.050	1,520	27	3.0	4.5	11,800	13.5
BOSD0274	SCMR-01	05/18/96	2 - 4	19,200	0.10 J	11.7	22	1.1	0.060	1,780	42	3.6	7.4	15,200	21.9
BOSD0275	SCMR-01	05/18/96	4 - 6	21,100	0.09 J	11.3	23	0.92	0.030	1,710	42	3.1	7.6	15,400	17.6
BOSD0276	SCMR-01	05/18/96	6 - 8	23,100	0.08 J	11.9	24	0.94	0.030	1,820	44	3.1	7.9	16,800	17.8
BOSD0277	SCMR-01	05/18/96	8 - 10	27,500	0.10 J	17.9	27	0.85	0.050	1,910	45	4.6	10.0	21,800	17.4
BOSD0278	SCMR-01	05/18/96	10 - 12	27,300	0.07 J	25.6	27	1.1	0.13	1,830	44	7.8	10.5	29,800	25.8
BOSD0280	SCMR-01	05/18/96	14 - 16	26,400	0.11 J	52.8	25	1.6	0.33	1,740	39	20.4	11.7	63,000	21.2
BOSD0282	SCMR-01	05/18/96	18 - 20	29,000	0.10 J	38.3	28	1.6	0.24	1,910	41	12.2	11.0	59,200	19.8

TABLE 1.3-2. (cont.)

Sample Number	Station	Date	Depth Range (cm)	Magnesium (mg/kg)	Manganese (mg/kg)	Total Mercury (mg/kg)	Methyl mercury (µg/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)
BOSD0001	SCM-01	05/14/96	0 - 2	6,630	218	1.7	--	9.2	2,920	2 *U*	0.12 *J*	24,600	0.16	67	48
BOSD0002	SCM-01	05/14/96	2 - 4	6,520	126	1.9	--	10.9	3,110	2 *U*	0.15 *J*	21,200	0.20	74	53
BOSD0003	SCM-01	05/14/96	4 - 6	6,190	168	2.1	--	10.4	2,940	2 *U*	0.11 *J*	20,000	0.17	72	48
BOSD0004	SCM-01	05/14/96	6 - 8	6,000	226	2.2	--	9.5	2,940	2 *U*	0.09 *J*	19,300	0.15	73	45
BOSD0005	SCM-01	05/14/96	8 - 10	5,570	184	1.9	--	9.0	3,090	2 *U*	0.10 *J*	20,000	0.15	62	36
BOSD0006	SCM-01	05/14/96	10 - 12	5,670	196	1.1	--	10.6	3,120	2 *U*	0.08 *J*	20,700	0.21	61	38
BOSD0008	SCM-01	05/14/96	14 - 16	4,760	110	1.6	--	7.6	2,930	2 *U*	0.06 *J*	18,800	0.14	50	29
BOSD0010	SCM-01	05/14/96	18 - 20	4,290	127	0.61	--	6.9	2,680	2 *U*	0.04 *J*	15,800	0.14	45	23
BOSD0017	SCC-02	05/17/96	0 - 2	7,150	369	37.8	2.3	10.3	3,710	2 *U*	0.17	19,000	0.22	61	71
BOSD0018	SCC-02	05/17/96	2 - 4	6,570	321	13.8	1.5	10.4	3,650	2 *U*	0.12	14,700	0.22	62	56
BOSD0019	SCC-02	05/17/96	4 - 6	6,360	343	10.9	0.50	11.3	3,510	2 *U*	0.13	10,300	0.25	62	61
BOSD0020	SCC-02	05/17/96	6 - 8	5,580	335	7.4	0.32	10.5	2,930	2 *U*	0.09	8,540	0.24	64	52
BOSD0021	SCC-02	05/17/96	8 - 10	6,160	344	6.6	0.25	11.9	3,350	2 *U*	0.11	8,300	0.23	65	54
BOSD0022	SCC-02	05/17/96	10 - 12	5,610	357	5.9	0.35	9.2	2,900	2 *U*	0.09	7,520	0.19	62	50
BOSD0024	SCC-02	05/17/96	14 - 16	5,330	334	2.4	0.29	8.1	2,850	2 *U*	0.08	6,560	0.17	56	42
BOSD0026	SCC-02	05/17/96	18 - 20	5,860	369	2.5	0.24	8.7	3,240	2 *U*	0.07	6,250	0.19	60	42
BOSD0033	SCC-03	05/15/96	0 - 2	7,960	154	3.3	--	10.6	3,960	2 *U*	0.18 *J*	30,100	0.25	61	59
BOSD0034	SCC-03	05/15/96	2 - 4	7,140	168	2.2	20.0	11.8	3,710	2 *U*	0.16 *J*	22,300	0.26	67	57
BOSD0035	SCC-03	05/15/96	4 - 6	3,580	113	1.2	5.6	5.9	1,850	2 *U*	0.09 *J*	10,700	0.14	36	32
BOSD0036	SCC-03	05/15/96	6 - 8	2,120	96.0	1.1	--	3.7	1,140	2 *U*	0.03 *J*	5,730	0.08	24	17
BOSD0037	SCC-03	05/15/96	8 - 10	4,330	184	1.8	--	7.6	2,570	2 *U*	0.16 *J*	10,400	0.24	50	37
BOSD0038	SCC-03	05/15/96	10 - 12	4,650	158	1.9	--	7.6	2,780	2 *U*	0.05 *J*	11,000	0.17	48	34
BOSD0040	SCC-03	05/15/96	14 - 16	4,890	171	0.90	--	8.1	2,910	2 *U*	0.03 *J*	11,900	0.18	53	34
BOSD0042	SCC-03	05/15/96	18 - 20	6,010	142	0.48	0.15	10.2	3,560	2 *U*	0.04 *J*	12,600	0.22	61	42
BOSD0049	SCCD-04	05/21/96	0 - 2	6,820	321	40.0	--	16.6	3,370	2 *U*	0.20	15,800	0.25	66	78
BOSD0050	SCCD-04	05/21/96	2 - 4	7,160	344	35.5	--	17.8	3,570	2 *U*	0.23	13,700	0.28	70	86
BOSD0051	SCCD-04	05/21/96	4 - 6	6,260	337	34.2	--	13.9	3,070	2 *U*	0.22	11,300	0.22	58	76
BOSD0052	SCCD-04	05/21/96	6 - 8	6,330	362	37.7	--	15.2	3,010	2 *U*	0.27	9,820	0.29	64	83
BOSD0053	SCCD-04	05/21/96	8 - 10	6,260	411	40.5	--	15.6	3,120	2 *U*	0.30	8,990	0.26	64	85
BOSD0054	SCCD-04	05/21/96	10 - 12	6,490	544	33.2	--	14.5	3,020	2 *U*	0.25	9,320	0.23	65	84
BOSD0056	SCCD-04	05/21/96	14 - 16	6,300	359	43.2	--	15.5	3,040	2 *U*	0.21	7,100	0.26	67	82
BOSD0058	SCCD-04	05/21/96	18 - 20	6,550	352	33.7	--	14.9	3,120	2 *U*	0.20	6,930	0.28	66	78
BOSD0065	SCCD-05	05/16/96	0 - 2	4,700	220	3.0	--	7.4	2,550	2 *U*	0.09 *J*	15,100	0.17	44	46
BOSD0066	SCCD-05	05/16/96	2 - 4	6,020	494	8.6	--	9.9	3,210	2 *U*	0.12 *J*	14,100	0.21	60	58
BOSD0067	SCCD-05	05/16/96	4 - 6	7,080	669	8.3	--	11.7	3,840	2 *U*	0.14 *J*	15,600	0.25	70	70
BOSD0068	SCCD-05	05/16/96	6 - 8	6,920	570	10.2	--	11.8	3,680	2 *U*	0.16 *J*	14,800	0.28	72	68

TABLE 1.3-2. (cont.)

Sample Number	Station	Date	Depth Range (cm)	Magnesium (mg/kg)	Manganese (mg/kg)	Total Mercury (mg/kg)	Methyl mercury (µg/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)
BOSD0069	SCCD-05	05/16/96	8 - 10	7,400	721	13.8	--	13.5	3,610	2 *U*	0.19	13,600	0.28	77	71
BOSD0070	SCCD-05	05/16/96	10 - 12	7,180	706	17.8	--	13.6	3,460	2 *U*	0.16	12,700	0.28	74	71
BOSD0072	SCCD-05	05/16/96	14 - 16	7,260	794	16.5	--	13.7	3,500	2 *U*	0.18	11,500	0.28	74	73
BOSD0074	SCCD-05	05/16/96	18 - 20	7,490	739	13.3	--	15.4	3,690	2 *U*	0.17	10,800	0.30	77	77
BOSD0081	SCCD-06	05/22/96	0 - 2	1,600	50.0	0.86	--	2.7	816	2 *U*	0.03	5,370	0.06	14	15
BOSD0082	SCCD-06	05/22/96	2 - 4	1,570	58.0	0.64	--	2.6	793	2 *U*	0.05	4,900	0.05	13	14
BOSD0083	SCCD-06	05/22/96	4 - 6	1,550	61.0	0.81	--	3.1	778	2 *U*	0.03	4,390	0.06	14	14
BOSD0084	SCCD-06	05/22/96	6 - 8	1,630	70.0	1.3	--	2.8	831	2 *U*	0.03	4,670	0.06	14	15
BOSD0085	SCCD-06	05/22/96	8 - 10	918	33.0	1.1	--	1.6	424	2 *U*	0.02	3,020	0.04	8	8
BOSD0086	SCCD-06	05/22/96	10 - 12	854	34.0	0.62	--	1.6	428	2 *U*	0.02 *U*	2,740	0.04	7	7
BOSD0088	SCCD-06	05/22/96	14 - 16	967	37.0	0.47	--	2.0	539	2 *U*	0.02	2,820	0.05	8	9
BOSD0090	SCCD-06	05/22/96	18 - 20	913	35.0	0.060	--	1.8	465	2 *U*	0.02 *U*	2,620	0.05	9	7
BOSD0097	SCCD-07	05/20/96	0 - 2	6,950	413	1.0	--	9.7 *J*	3,410	2 *U*	0.10 *J*	17,700	0.23	56	53
BOSD0098	SCCD-07	05/20/96	2 - 4	6,430	338	3.0	--	9.0 *J*	3,320	2 *U*	0.10 *J*	16,800	0.21	53	47
BOSD0099	SCCD-07	05/20/96	4 - 6	6,860	389	0.90	--	8.8 *J*	3,470	2 *U*	0.12 *J*	18,900	0.20	53	48
BOSD0100	SCCD-07	05/20/96	6 - 8	7,330	402	0.90	1.5	10.9 *J*	3,910	2 *U*	0.14 *J*	17,700	0.27	64	56
BOSD0101	SCCD-07	05/20/96	8 - 10	6,520	372	0.80	--	9.9 *J*	3,420	2 *U*	0.23 *J*	15,500	0.50	53	48
BOSD0102	SCCD-07	05/20/96	10 - 12	6,360	362	0.70	--	8.4 *J*	3,360	2 *U*	0.11 *J*	15,000	0.26	50	45
BOSD0104	SCCD-07	05/20/96	14 - 16	4,500	346	0.30	--	7.0 *J*	2,470	2 *U*	0.07 *J*	10,700	0.17	38	35
BOSD0106	SCCD-07	05/20/96	18 - 20	3,970	296	0.20	--	5.6 *J*	2,140	2 *U*	0.06 *J*	9,690	0.14	35	30
BOSD0113	SCCD-08	05/22/96	0 - 2	973	34.0	0.77	--	1.9	453	2 *U*	0.02 *U*	2,950	0.05	10	10
BOSD0114	SCCD-08	05/22/96	2 - 4	1,200	50.0	1.3	--	2.2	633	2 *U*	0.04	3,190	0.06	12	12
BOSD0115	SCCD-08	05/22/96	4 - 6	1,120	48.0	1.5	--	1.8	581	2 *U*	0.02 *U*	2,990	0.05	10	11
BOSD0116	SCCD-08	05/22/96	6 - 8	1,220	48.0	1.5	--	2.4	605	2 *U*	0.04	2,900	0.06	12	13
BOSD0117	SCCD-08	05/22/96	8 - 10	784	36.0	1.2	--	1.2	400 *U*	2 *U*	0.03	2,200	0.04	7	8
BOSD0118	SCCD-08	05/22/96	10 - 12	1,060	46.0	0.84	--	1.9	548	2 *U*	0.04	2,490	0.05	10	11
BOSD0120	SCCD-08	05/22/96	14 - 16	1,180	59.0	0.90	--	2.3	597	2 *U*	0.04	2,750	0.06	11	14
BOSD0122	SCCD-08	05/22/96	18 - 20	1,220	60.0	1.2	--	2.3	648	2 *U*	0.04	2,770	0.06	11	13
BOSD0129	SCCD-09	05/20/96	0 - 2	2,440	82.0	2.3	--	5.4	1,160	2 *U*	0.08	7,710	0.10	21	73
BOSD0130	SCCD-09	05/20/96	2 - 4	3,550	127	3.2	--	7.2	1,790	2 *U*	0.11	10,500	0.14	31	76
BOSD0131	SCCD-09	05/20/96	4 - 6	4,160	168	4.2	--	8.3	2,090	2 *U*	0.12	11,800	0.16	39	80
BOSD0132	SCCD-09	05/20/96	6 - 8	3,160	128	3.2	--	6.8	1,500	2 *U*	0.11	8,430	0.12	26	87
BOSD0133	SCCD-09	05/20/96	8 - 10	3,730	172	4.1	--	8.1	1,860	2 *U*	0.12	9,930	0.15	39	87
BOSD0134	SCCD-09	05/20/96	10 - 12	4,330	192	5.6	--	10.0	2,180	2 *U*	0.16	10,600	0.18	45	102
BOSD0136	SCCD-09	05/20/96	14 - 16	5,410	253	5.9	--	11.3	2,510	2 *U*	0.17	12,000	0.21	56	110
BOSD0138	SCCD-09	05/20/96	18 - 20	4,940	212	7.7	--	12.4	2,590	2 *U*	0.19	11,200	0.23	57	118

TABLE 1.3-2. (cont.)

Sample Number	Station	Date	Depth Range (cm)	Magnesium (mg/kg)	Manganese (mg/kg)	Total Mercury (mg/kg)	Methyl mercury (µg/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)
BOSD0177	SCCD-12	07/14/96	0 - 2	6,210	508	1.9	0.82	9.5	3,200	3	0.23 J	19,600	0.31	51	75
BOSD0178	SCCD-12	07/14/96	2 - 4	6,510	639	1.8	0.36	9.3	3,500	4	0.16 J	19,700	0.24	54	53
BOSD0179	SCCD-12	07/14/96	4 - 6	6,010	559	0.59	0.49	9.5	3,300	4	0.20 J	17,900	0.71	49	46
BOSD0180	SCCD-12	07/14/96	6 - 8	5,750	599	0.64	0.27	8.4	3,100	4	0.12 J	16,600	0.25	48	42
BOSD0181	SCCD-12	07/14/96	8 - 10	4,660	485	0.14	0.035	6.0	2,500	3	0.10 J	13,300	0.16	38	33
BOSD0182	SCCD-12	07/14/96	10 - 12	4,870	438	0.11	0.012	8.2	2,700	2	0.10 J	12,000	0.20	43	37
BOSD0184	SCCD-12	07/14/96	14 - 16	5,280	422	0.12	0.0050	9.1	2,900	3	0.09 J	12,400	0.20	46	39
BOSD0186	SCCD-12	07/14/96	18 - 20	5,540	499	0.10	0.14	9.2	3,000	3	0.09 J	13,000	0.20	48	41
BOSD0209	SCC-01	05/17/96	0 - 2	6,080	360	2.2	2.9	8.1 J	3,180	2 U	0.15 J	18,100	0.22	52	49
BOSD0210	SCC-01	05/17/96	2 - 4	6,280	367	2.3	1.4	8.9 J	3,350	2 U	0.13 J	18,100	0.21	53	54
BOSD0211	SCC-01	05/17/96	4 - 6	5,580	398	2.6	--	7.8 J	2,990	2 U	0.12 J	17,000	0.20	52	48
BOSD0212	SCC-01	05/17/96	6 - 8	6,170	388	2.0	--	9.8 J	3,400	2 U	0.11 J	16,200	0.21	56	54
BOSD0213	SCC-01	05/17/96	8 - 10	5,380	358	2.2	--	6.9 J	2,950	2 U	0.09 J	15,800	0.17	46	43
BOSD0214	SCC-01	05/17/96	10 - 12	5,280	329	1.6	--	6.7 J	2,910	2 U	0.08 J	15,000	0.16	47	42
BOSD0216	SCC-01	05/17/96	14 - 16	4,960	306	1.4	--	8.1 J	3,000	2 U	0.07 J	12,000	0.18	48	40
BOSD0218	SCC-01	05/17/96	18 - 20	4,400	292	1.7	0.24	6.2 J	2,680	2 U	0.07 J	11,600	0.15	39	35
BOSD0225	SCM-02	05/17/96	0 - 2	8,010	192	23.5	115	12.8	3,930	2 U	0.28	31,200	0.20	82	62
BOSD0226	SCM-02	05/17/96	2 - 4	8,600	158	21.8	--	13.3	4,230	2 U	0.32	34,000	0.21	84	66
BOSD0227	SCM-02	05/17/96	4 - 6	9,250	205	16.6	221	15.7	4,640	2 U	0.37	33,600	0.25	94	80
BOSD0228	SCM-02	05/17/96	6 - 8	7,730	159	13.6	131	12.9	3,900	2 U	0.32	26,700	0.22	78	69
BOSD0229	SCM-02	05/17/96	8 - 10	5,560	261	15.0	45.2	7.3	2,820	2 U	0.15 J	23,300	0.17	49	53
BOSD0230	SCM-02	05/17/96	10 - 12	5,930	213	17.0	15.6	10.8	2,970	2 U	0.17 J	23,200	0.31	72	63
BOSD0232	SCM-02	05/17/96	14 - 16	6,160	139	7.9	12.3	10.1	3,310	2 U	0.20 J	21,300	0.20	66	55
BOSD0234	SCM-02	05/17/96	18 - 20	6,320	255	0.43	0.27	10.3	3,630	2 U	0.09 J	19,200	0.29	60	51
BOSD0241	SCM-03	05/15/96	0 - 2	6,920	159	1.9	--	9.5	3,510	2 U	0.14 J	26,700	0.18	75	47
BOSD0242	SCM-03	05/15/96	2 - 4	6,790	77.0	2.7	15.4	9.2	3,550	2 U	0.18 J	26,400	0.19	76	46
BOSD0243	SCM-03	05/15/96	4 - 6	6,180	67.0	2.5	--	8.0	3,260	2 U	0.18 J	23,900	0.18	74	39
BOSD0244	SCM-03	05/15/96	6 - 8	6,410	64.0	2.1	--	9.6	3,460	2 U	0.21 J	24,300	0.21	74	41
BOSD0245	SCM-03	05/15/96	8 - 10	6,440	71.0	2.5	--	10.0	3,610	2 U	0.19 J	22,200	0.22	79	44
BOSD0246	SCM-03	05/15/96	10 - 12	5,830	66.0	2.4	--	9.5	3,330	2 U	0.16 J	20,500	0.20	70	40
BOSD0248	SCM-03	05/15/96	14 - 16	4,420	63.0	1.9	--	8.2	2,550	2 U	0.11 J	19,100	0.21	60	37
BOSD0250	SCM-03	05/15/96	18 - 20	6,110	152	4.4	--	13.1	3,480	2 U	0.12 J	20,000	0.26	81	59
BOSD0350	SCCD-14	07/13/96	0 - 2	3,300	216	0.15	2.2	3.8	1,540	2 U	0.08	13,400	0.09	20	51
BOSD0351	SCCD-14	07/13/96	2 - 4	1,150	61.0	0.050	0.37	1.6	560	2 U	0.03	4,480	0.05	7	11
BOSD0352	SCCD-14	07/13/96	4 - 6	980	53.0	0.060	0.11	1.5	480	2 U	0.03	3,640	0.04	6	7
BOSD0353	SCCD-14	07/13/96	6 - 8	1,200	68.0	0.080	0.081	1.7	620	2 U	0.03	4,450	0.04	8	9

TABLE 1.3-2. (cont.)

Sample Number	Station	Date	Depth Range (cm)	Magnesium (mg/kg)	Manganese (mg/kg)	Total Mercury (mg/kg)	Methyl mercury (µg/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)
BOSD0354	SCCD-14	07/13/96	8 - 10	1,710	109	0.12	0.29	2.5	830	2 *U*	0.05	5,640	0.06	12	13
BOSD0355	SCCD-14	07/13/96	10 - 12	3,080	197	0.31	0.72	4.5	1,510	2 *U*	0.10	9,720	0.09	23	26
BOSD0357	SCCD-14	07/13/96	14 - 16	6,180	390	0.76	2.5	10.7	2,860	3	0.27	17,800	0.20	47	51
BOSD0359	SCCD-14	07/13/96	18 - 20	5,930	328	0.63	1.6	10.9	2,780	3	0.24	17,400	0.21	46	49
BOSD0366	SCCD-15	07/13/96	0 - 2	2,010	65.0	0.15	1.2	2.5	990	2 *U*	0.10	8,150	0.10	14	16
BOSD0367	SCCD-15	07/13/96	2 - 4	1,620	42.0	0.14	0.55	2.7	900	2 *U*	0.06	6,810	0.08	13	15
BOSD0368	SCCD-15	07/13/96	4 - 6	1,350	37.0	0.12	0.079	2.0	685	2 *U*	0.055	4,950	0.06	10	11
BOSD0369	SCCD-15	07/13/96	6 - B	2,020	61.0	0.22	0.22	3.3	1,050	2 *U*	0.07	6,650	0.10	17	17
BOSD0370	SCCD-15	07/13/96	8 - 10	2,780	98.0	0.41	0.16	4.2	1,490	2 *U*	0.11	9,540	0.11	21	24
BOSD0371	SCCD-15	07/13/96	10 - 12	2,940	97.0	0.050 *U*	0.21	4.2	1,500	2 *U*	0.16	9,800	0.09	20	26
BOSD0373	SCCD-15	07/13/96	14 - 16	4,370	152	0.70	0.33	7.6	2,290	2 *U*	0.20	13,700	0.14	33	41
BOSD0375	SCCD-15	07/13/96	18 - 20	4,050	145	0.62	0.14	5.9	2,130	2 *U*	0.17	12,900	0.14	28	37
BOSD0382	SCMB-01	07/15/96	0 - 2	5,220	83.0	0.090	2.8	5.7	2,700	5	0.06 *J*	21,600	0.15	47	31
BOSD0383	SCMB-01	07/15/96	2 - 4	4,980	86.0	0.090	1.6	8.3	2,700	4	0.06 *J*	19,900	0.21	52	31
BOSD0385	SCMB-01	07/15/96	6 - 8	5,460	111	0.10	0.75	8.3	3,200	4	0.07 *J*	19,800	0.23	57	31
BOSD0386	SCMB-01	07/15/96	8 - 10	5,480	112	0.11	0.58	6.4	3,100	4	0.08 *J*	22,500	0.15	48	26
BOSD0387	SCMB-01	07/15/96	10 - 12	5,730	140	0.080	0.41	8.5	3,400	5	0.04 *J*	20,800	0.19	56	31
BOSD0389	SCMB-01	07/15/96	14 - 16	5,560	169	0.060	0.019	8.4	3,200	5	0.04 *J*	20,800	0.19	56	30
BOSD0391	SCMB-01	07/15/96	18 - 20	5,690	217	0.050 *U*	0.17	9.0	3,300	5	0.04 *J*	21,000	0.20	56	32
BOSD0398	SCCB-01	07/15/96	0 - 2	3,640	233	0.050 *U*	0.98	4.4	1,670	2 *U*	0.14	13,300	0.23	23	25
BOSD0399	SCCB-01	07/15/96	2 - 4	2,790	188	0.050 *U*	0.51	2.9	1,220	2 *U*	0.045	10,400	0.10	17	18
BOSD0400	SCCB-01	07/15/96	4 - 6	7,130	483	0.090	0.90	9.0	3,320	3	0.10	23,800	0.26	51	51
BOSD0401	SCCB-01	07/15/96	6 - 8	5,490	356	0.080	1.2	6.6	2,660	2 *U*	0.07	17,500	0.18	40	43
BOSD0402	SCCB-01	07/15/96	8 - 10	2,980	195	0.050 *U*	0.64	3.9	1,400	2 *U*	0.04	9,650	0.09	21	22
BOSD0403	SCCB-01	07/15/96	10 - 12	2,810	189	0.050 *U*	0.34	4.2	1,340	2 *U*	0.04	8,490	0.09	21	21
BOSD0405	SCCB-01	07/15/96	14 - 16	6,780	486	0.1	0.78	9.6	3,190	2	0.08	19,100	0.19	49	50
BOSD0407	SCCB-01	07/15/96	18 - 20	6,760	540	0.090	0.41	8.8	3,110	2	0.08	18,000	0.17	48	48
BOSD0414	SCCB-02	07/15/96	0 - 2	3,080	132	0.080	2.1	7.9	1,340	2	0.07	12,800	0.15	18	32
BOSD0415	SCCB-02	07/15/96	2 - 4	2,770	140	0.050 *U*	1.1	3.2	1,240	2 *U*	0.03	10,300	0.07	18	20
BOSD0416	SCCB-02	07/15/96	4 - 6	2,260	118	0.050 *U*	0.42	3.2	1,070	2 *U*	0.03	7,540	0.07	15	16
BOSD0417	SCCB-02	07/15/96	6 - 8	3,190	188	0.050 *U*	0.94	4.3	1,550	2 *U*	0.04	10,400	0.09	22	23
BOSD0418	SCCB-02	07/15/96	8 - 10	3,200	192	0.050 *U*	0.79	4.6	1,510	2 *U*	0.04	10,400	0.09	23	23
BOSD0419	SCCB-02	07/15/96	10 - 12	4,040	265	0.050	0.52	4.8	1,930	2 *U*	0.05	13,800	0.11	27	28
BOSD0421	SCCB-02	07/15/96	14 - 16	3,740	237	0.1	0.82	5.5	1,890	2 *U*	0.05	10,600	0.12	28	30
BOSD0424	SCCB-02	07/15/96	20 - 25	2,690	187	0.050 *U*	0.65	3.9	1,360	2 *U*	0.03	8,450	0.09	20	20

TABLE 1.3-2. (cont.)

Sample Number	Station	Date	Depth Range (cm)	Magnesium (mg/kg)	Manganese (mg/kg)	Total Mercury (mg/kg)	Methyl mercury (µg/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)
Channel Reference															
BOSD0257	SCCR-01	05/18/96	0 - 2	6,260	341	0.090	0.28	6.6	2,750	2 *U*	0.03 *J*	21,700	0.16	41	37
BOSD0258	SCCR-01	05/18/96	2 - 4	6,790	308	0.11	0.22	6.8	3,150	2 *U*	0.04 *J*	22,000	0.17	43	39
BOSD0259	SCCR-01	05/18/96	4 - 6	8,160	337	0.13	0.11	10.2	3,940	2 *U*	0.05 *J*	23,700	0.23	57	51
BOSD0260	SCCR-01	05/18/96	6 - 8	8,540	305	0.13	0.090	10.5	4,130	2 *U*	0.05 *J*	24,500	0.24	57	52
BOSD0261	SCCR-01	05/18/96	8 - 10	8,750	283	0.13	0.17	10.1	4,170	2 *U*	0.04 *J*	24,800	0.23	56	53
BOSD0262	SCCR-01	05/18/96	10 - 12	8,550	278	0.13	0.075	10.2	4,040	2 *U*	0.05 *J*	23,600	0.23	58	52
BOSD0264	SCCR-01	05/18/96	14 - 16	8,070	220	0.11	0.17	10.7	3,920	2 *U*	0.06 *J*	22,200	0.25	57	51
BOSD0266	SCCR-01	05/18/96	18 - 20	7,280	199	0.090	0.060	9.7	3,590	2 *U*	0.04 *J*	19,800	0.22	54	48
Marsh Reference															
BOSD0273	SCMR-01	05/18/96	0 - 2	4,460	165	0.14	2.0	5.6	2,440	2 *U*	0.04	14,600	0.11	40	29
BOSD0274	SCMR-01	05/18/96	2 - 4	6,370	76.0	0.12	2.1	8.4	3,410	2 *U*	0.06	26,100	0.18	64	33
BOSD0275	SCMR-01	05/18/96	4 - 6	6,340	70.0	0.10	2.3	8.5	3,440	2 *U*	0.07	26,400	0.16	63	33
BOSD0276	SCMR-01	05/18/96	6 - 8	6,680	68.0	0.11	1.4	9.2	3,680	2 *U*	0.06	28,100	0.17	66	34
BOSD0277	SCMR-01	05/18/96	8 - 10	6,730	76.0	0.13	2.1	10.5	3,760	2 *U*	0.07	28,300	0.24	70	34
BOSD0278	SCMR-01	05/18/96	10 - 12	6,780	96.0	0.12	2.3	11.6	3,660	2 *U*	0.07	28,100	0.29	74	39
BOSD0280	SCMR-01	05/18/96	14 - 16	6,400	198	0.16	0.68	20.7	3,740	2 *U*	0.06	25,200	0.30	71	81
BOSD0282	SCMR-01	05/18/96	18 - 20	6,840	222	0.080	0.22	16.5	3,930	2 *U*	0.06	25,700	0.27	74	66

Note: Results are reported on a dry weight basis.

J - estimated

U - undetected

-- - not analyzed

TABLE 1.3-3. MULTI-DEPTH SEDIMENT SAMPLES—SEMIVOLATILE ORGANIC COMPOUNDS

				Chlorinated Aromatic Hydrocarbons					
Sample Number	Station	Date	Depth Interval (cm)	1,2-Dichloro-benzene (mg/kg)	1,3-Dichloro-benzene (mg/kg)	1,4-Dichloro-benzene (mg/kg)	1,2,4-Trichloro-benzene (mg/kg)	Hexachloro-benzene (mg/kg)	2-Chloro-naphthalene (mg/kg)
BOSD0209	SCC-01	05/17/96	0 - 2	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*
BOSD0210	SCC-01	05/17/96	2 - 4	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*
BOSD0211	SCC-01	05/17/96	4 - 6	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0212	SCC-01	05/17/96	6 - 8	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*
BOSD0213	SCC-01	05/17/96	8 - 10	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0214	SCC-01	05/17/96	10 - 12	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0216	SCC-01	05/17/96	14 - 16	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0218	SCC-01	05/17/96	18 - 20	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0017	SCC-02	05/17/96	0 - 2	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0018	SCC-02	05/17/96	2 - 4	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0019	SCC-02	05/17/96	4 - 6	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0020	SCC-02	05/17/96	6 - 8	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0021	SCC-02	05/17/96	8 - 10	0.45 *U*	0.10 *J*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0022	SCC-02	05/17/96	10 - 12	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*
BOSD0024	SCC-02	05/17/96	14 - 16	0.45 *U*	0.030 *J*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0026	SCC-02	05/17/96	18 - 20	0.45 *U*	0.030 *J*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0033	SCC-03	05/15/96	0 - 2	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0034	SCC-03	05/15/96	2 - 4	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0035	SCC-03	05/15/96	4 - 6	0.30 *U*	0.30 *U*	0.15 *U*	0.15 *U*	0.30 *U*	0.30 *U*
BOSD0036	SCC-03	05/15/96	6 - 8	0.20 *U*	0.20 *U*	0.20 *U*	0.20 *U*	0.20 *U*	0.20 *U*
BOSD0037	SCC-03	05/15/96	8 - 10	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0038	SCC-03	05/15/96	10 - 12	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0040	SCC-03	05/15/96	14 - 16	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0042	SCC-03	05/15/96	18 - 20	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0402	SCCB-01	07/15/96	8 - 10	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0403	SCCB-01	07/15/96	10 - 12	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0405	SCCB-01	07/15/96	14 - 16	0.29 *U*	0.29 *U*	0.29 *U*	0.29 *U*	0.29 *U*	0.29 *U*
BOSD0398	SCCB-01	07/15/96	0 - 2	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0407	SCCB-01	07/15/96	18 - 20	0.29 *U*	0.29 *U*	0.29 *U*	0.29 *U*	0.29 *U*	0.29 *U*
BOSD0399	SCCB-01	07/15/96	2 - 4	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0400	SCCB-01	07/15/96	4 - 6	0.35 *U*	0.35 *U*	0.35 *U*	0.35 *U*	0.35 *U*	0.35 *U*
BOSD0401	SCCB-01	07/15/96	6 - 8	0.28 *U*	0.28 *U*	0.28 *U*	0.28 *U*	0.28 *U*	0.28 *U*
BOSD0418	SCCB-02	07/15/96	8 - 10	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0419	SCCB-02	07/15/96	10 - 12	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0421	SCCB-02	07/15/96	14 - 16	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0414	SCCB-02	07/15/96	0 - 2	0.36 *U*	0.36 *U*	0.36 *U*	0.36 *U*	0.36 *U*	0.36 *U*
BOSD0424	SCCB-02	07/15/96	20 - 25	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*

TABLE 1.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Chlorinated Aromatic Hydrocarbons: 1,2-Dichloro-benzene (mg/kg)	1,3-Dichloro-benzene (mg/kg)	1,4-Dichloro-benzene (mg/kg)	1,2,4-Trichloro-benzene (mg/kg)	Hexachloro-benzene (mg/kg)	2-Chloro-naphthalene (mg/kg)
BOSD0415	SCCB-02	07/15/96	2 - 4	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0416	SCCB-02	07/15/96	4 - 6	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0417	SCCB-02	07/15/96	6 - 8	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0049	SCCD-04	05/21/96	0 - 2	0.50 *U*	0.10 *J*	0.050 *J*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0050	SCCD-04	05/21/96	2 - 4	0.60 *U*	0.20 *J*	0.070 *J*	0.60 *U*	0.10 *J*	0.60 *U*
BOSD0051	SCCD-04	05/21/96	4 - 6	0.50 *U*	0.20 *J*	0.10 *J*	0.50 *U*	0.60	0.50 *U*
BOSD0052	SCCD-04	05/21/96	6 - 8	0.50 *U*	0.10 *J*	0.050 *J*	0.50 *U*	0.070 *J*	0.50 *U*
BOSD0053	SCCD-04	05/21/96	8 - 10	0.50 *U*	0.20 *J*	0.10 *J*	0.50 *U*	2.0	0.50 *U*
BOSD0054	SCCD-04	05/21/96	10 - 12	0.50 *U*	0.20 *J*	0.070 *J*	0.50 *U*	0.54	0.50 *U*
BOSD0056	SCCD-04	05/21/96	14 - 16	0.50 *U*	0.20 *J*	0.090 *J*	0.50 *U*	0.30 *J*	0.50 *U*
BOSD0058	SCCD-04	05/21/96	18 - 20	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.20 *J*	0.60 *U*
BOSD0065	SCCD-05	05/16/96	0 - 2	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0066	SCCD-05	05/16/96	2 - 4	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0067	SCCD-05	05/16/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0068	SCCD-05	05/16/96	6 - 8	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0069	SCCD-05	05/16/96	8 - 10	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0070	SCCD-05	05/16/96	10 - 12	0.90 *U*	0.90 *U*	0.90 *U*	0.90 *U*	0.90 *U*	0.90 *U*
BOSD0072	SCCD-05	05/16/96	14 - 16	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.060 *J*	0.60 *U*
BOSD0074	SCCD-05	05/16/96	18 - 20	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0081	SCCD-06	05/22/96	0 - 2	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0082	SCCD-06	05/22/96	2 - 4	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0083	SCCD-06	05/22/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0084	SCCD-06	05/22/96	6 - 8	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0085	SCCD-06	05/22/96	8 - 10	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0086	SCCD-06	05/22/96	10 - 12	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0088	SCCD-06	05/22/96	14 - 16	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0090	SCCD-06	05/22/96	18 - 20	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0097	SCCD-07	05/20/96	0 - 2	2.2 *U*	2.2 *U*	2.2 *U*	2.2 *U*	2.2 *U*	2.2 *U*
BOSD0098	SCCD-07	05/20/96	2 - 4	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0099	SCCD-07	05/20/96	4 - 6	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*
BOSD0100	SCCD-07	05/20/96	6 - 8	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*
BOSD0101	SCCD-07	05/20/96	8 - 10	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0102	SCCD-07	05/20/96	10 - 12	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*
BOSD0104	SCCD-07	05/20/96	14 - 16	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*
BOSD0106	SCCD-07	05/20/96	18 - 20	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*
BOSD0113	SCCD-08	05/22/96	0 - 2	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0114	SCCD-08	05/22/96	2 - 4	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*

TABLE 1.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Chlorinated Aromatic Hydrocarbons: 1,2-Dichloro-benzene (mg/kg)	1,3-Dichloro-benzene (mg/kg)	1,4-Dichloro-benzene (mg/kg)	1,2,4-Trichloro-benzene (mg/kg)	Hexachloro-benzene (mg/kg)	2-Chloro-naphthalene (mg/kg)
BOSD0115	SCCD-08	05/22/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0116	SCCD-08	05/22/96	6 - 8	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0117	SCCD-08	05/22/96	8 - 10	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0118	SCCD-08	05/22/96	10 - 12	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0120	SCCD-08	05/22/96	14 - 16	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0122	SCCD-08	05/22/96	18 - 20	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0129	SCCD-09	05/20/96	0 - 2	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0130	SCCD-09	05/20/96	2 - 4	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0131	SCCD-09	05/20/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0132	SCCD-09	05/20/96	6 - 8	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0133	SCCD-09	05/20/96	8 - 10	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0134	SCCD-09	05/20/96	10 - 12	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0136	SCCD-09	05/20/96	14 - 16	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0138	SCCD-09	05/20/96	18 - 20	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0181	SCCD-12	07/14/96	8 - 10	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0182	SCCD-12	07/14/96	10 - 12	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*
BOSD0184	SCCD-12	07/14/96	14 - 16	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*
BOSD0177	SCCD-12	07/14/96	0 - 2	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*
BOSD0186	SCCD-12	07/14/96	18 - 20	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*
BOSD0178	SCCD-12	07/14/96	2 - 4	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*
BOSD0179	SCCD-12	07/14/96	4 - 6	0.62 *U*	0.62 *U*	0.62 *U*	0.62 *U*	0.62 *U*	0.62 *U*
BOSD0180	SCCD-12	07/14/96	6 - 8	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*
BOSD0354	SCCD-14	07/13/96	8 - 10	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0355	SCCD-14	07/13/96	10 - 12	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0357	SCCD-14	07/13/96	14 - 16	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*
BOSD0350	SCCD-14	07/13/96	0 - 2	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*
BOSD0359	SCCD-14	07/13/96	18 - 20	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*
BOSD0351	SCCD-14	07/13/96	2 - 4	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0352	SCCD-14	07/13/96	4 - 6	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0353	SCCD-14	07/13/96	6 - 8	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0370	SCCD-15	07/13/96	8 - 10	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*
BOSD0371	SCCD-15	07/13/96	10 - 12	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0373	SCCD-15	07/13/96	14 - 16	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*
BOSD0366	SCCD-15	07/13/96	0 - 2	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0375	SCCD-15	07/13/96	18 - 20	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*
BOSD0367	SCCD-15	07/13/96	2 - 4	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0368	SCCD-15	07/13/96	4 - 6	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*

TABLE 1.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Chlorinated Aromatic Hydrocarbons: 1,2-Dichloro-benzene (mg/kg)	1,3-Dichloro-benzene (mg/kg)	1,4-Dichloro-benzene (mg/kg)	1,2,4-Trichloro-benzene (mg/kg)	Hexachloro-benzene (mg/kg)	2-Chloro-naphthalene (mg/kg)
BOSD0369	SCCD-15	07/13/96	6 - 8	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0001	SCM-01	05/14/96	0 - 2	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*
BOSD0002	SCM-01	05/14/96	2 - 4	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0003	SCM-01	05/14/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0004	SCM-01	05/14/96	6 - 8	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0005	SCM-01	05/14/96	8 - 10	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0006	SCM-01	05/14/96	10 - 12	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0008	SCM-01	05/14/96	14 - 16	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0010	SCM-01	05/14/96	18 - 20	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0225	SCM-02	05/17/96	0 - 2	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0226	SCM-02	05/17/96	2 - 4	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*
BOSD0227	SCM-02	05/17/96	4 - 6	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*
BOSD0228	SCM-02	05/17/96	6 - 8	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0229	SCM-02	05/17/96	8 - 10	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0230	SCM-02	05/17/96	10 - 12	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0232	SCM-02	05/17/96	14 - 16	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0234	SCM-02	05/17/96	18 - 20	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0241	SCM-03	05/15/96	0 - 2	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0242	SCM-03	05/15/96	2 - 4	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0243	SCM-03	05/15/96	4 - 6	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0244	SCM-03	05/15/96	6 - 8	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0245	SCM-03	05/15/96	8 - 10	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0246	SCM-03	05/15/96	10 - 12	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0248	SCM-03	05/15/96	14 - 16	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0250	SCM-03	05/15/96	18 - 20	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0386	SCMB-01	07/15/96	8 - 10	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*
BOSD0387	SCMB-01	07/15/96	10 - 12	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*
BOSD0389	SCMB-01	07/15/96	14 - 16	0.27 *UJ*	0.27 *UJ*	0.27 *UJ*	0.27 *UJ*	0.27 *UJ*	0.27 *UJ*
BOSD0382	SCMB-01	07/15/96	0 - 2	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*
BOSD0391	SCMB-01	07/15/96	18 - 20	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*
BOSD0383	SCMB-01	07/15/96	2 - 4	0.25 *U*	0.25 *U*	0.25 *U*	0.25 *U*	0.25 *U*	0.25 *U*
BOSD0384	SCMB-01	07/15/96	4 - 6	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*
BOSD0385	SCMB-01	07/15/96	6 - 8	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*
Channel Reference									
BOSD0257	SCCR-01	05/18/96	0 - 2	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*
BOSD0258	SCCR-01	05/18/96	2 - 4	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0259	SCCR-01	05/18/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*

TABLE ..3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Chlorinated Aromatic Hydrocarbons 1,2-Dichloro-benzene (mg/kg)	1,3-Dichloro-benzene (mg/kg)	1,4-Dichloro-benzene (mg/kg)	1,2,4-Trichloro-benzene (mg/kg)	Hexachloro-benzene (mg/kg)	2-Chloro-naphthalene (mg/kg)
BOSD0260	SCCR-01	05/18/96	6 - 8	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0261	SCCR-01	05/18/96	8 - 10	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0262	SCCR-01	05/18/96	10 - 12	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0264	SCCR-01	05/18/96	14 - 16	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0266	SCCR-01	05/18/96	18 - 20	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
Marsh Reference									
BOSD0273	SCMR-01	05/18/96	0 - 2	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0274	SCMR-01	05/18/96	2 - 4	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0275	SCMR-01	05/18/96	4 - 6	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0276	SCMR-01	05/18/96	6 - 8	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0277	SCMR-01	05/18/96	8 - 10	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0278	SCMR-01	05/18/96	10 - 12	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0280	SCMR-01	05/18/96	14 - 16	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0282	SCMR-01	05/18/96	18 - 20	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*

TABLE 1.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Low Molecular Weight Polycyclic Aromatic Hydrocarbons: Naphthalene (mg/kg)	Acenaphthylene (mg/kg)	Acenaphthene (mg/kg)	Fluorene (mg/kg)	Phenanthrene (mg/kg)	Anthracene (mg/kg)	2-Methyl-naphthalene (mg/kg)
BOSD0209	SCC-01	05/17/96	0 - 2	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*
BOSD0210	SCC-01	05/17/96	2 - 4	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*
BOSD0211	SCC-01	05/17/96	4 - 6	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0212	SCC-01	05/17/96	6 - 8	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*
BOSD0213	SCC-01	05/17/96	8 - 10	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0214	SCC-01	05/17/96	10 - 12	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0216	SCC-01	05/17/96	14 - 16	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0218	SCC-01	05/17/96	18 - 20	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0017	SCC-02	05/17/96	0 - 2	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0018	SCC-02	05/17/96	2 - 4	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0019	SCC-02	05/17/96	4 - 6	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0020	SCC-02	05/17/96	6 - 8	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0021	SCC-02	05/17/96	8 - 10	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0022	SCC-02	05/17/96	10 - 12	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*
BOSD0024	SCC-02	05/17/96	14 - 16	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0026	SCC-02	05/17/96	18 - 20	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0033	SCC-03	05/15/96	0 - 2	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0034	SCC-03	05/15/96	2 - 4	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0035	SCC-03	05/15/96	4 - 6	0.30 *U*	0.30 *U*	0.15 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0036	SCC-03	05/15/96	6 - 8	0.20 *U*	0.20 *U*	0.20 *U*	0.20 *U*	0.20 *U*	0.20 *U*	0.20 *U*
BOSD0037	SCC-03	05/15/96	8 - 10	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0038	SCC-03	05/15/96	10 - 12	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0040	SCC-03	05/15/96	14 - 16	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0042	SCC-03	05/15/96	18 - 20	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0402	SCCB-01	07/15/96	8 - 10	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0403	SCCB-01	07/15/96	10 - 12	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0405	SCCB-01	07/15/96	14 - 16	0.29 *U*	0.29 *U*	0.29 *U*	0.29 *U*	0.29 *U*	0.29 *U*	0.29 *U*
BOSD0398	SCCB-01	07/15/96	0 - 2	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0407	SCCB-01	07/15/96	18 - 20	0.29 *U*	0.29 *U*	0.29 *U*	0.29 *U*	0.29 *U*	0.29 *U*	0.29 *U*
BOSD0399	SCCB-01	07/15/96	2 - 4	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0400	SCCB-01	07/15/96	4 - 6	0.35 *U*	0.35 *U*	0.35 *U*	0.35 *U*	0.35 *U*	0.35 *U*	0.35 *U*
BOSD0401	SCCB-01	07/15/96	6 - 8	0.28 *U*	0.28 *U*	0.28 *U*	0.28 *U*	0.28 *U*	0.28 *U*	0.28 *U*
BOSD0418	SCCB-02	07/15/96	8 - 10	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0419	SCCB-02	07/15/96	10 - 12	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0421	SCCB-02	07/15/96	14 - 16	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0414	SCCB-02	07/15/96	0 - 2	0.36 *U*	0.36 *U*	0.36 *U*	0.36 *U*	0.36 *U*	0.36 *U*	0.36 *U*
BOSD0424	SCCB-02	07/15/96	20 - 25	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*

TABLE 4.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Low Molecular Weight Polycyclic Aromatic Hydrocarbons						
				Naphthalene (mg/kg)	Acenaphthylene (mg/kg)	Acenaphthene (mg/kg)	Fluorene (mg/kg)	Phenanthrene (mg/kg)	Anthracene (mg/kg)	2-Methyl-naphthalene (mg/kg)
BOSD0415	SCCB-02	07/15/96	2 - 4	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0416	SCCB-02	07/15/96	4 - 6	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0417	SCCB-02	07/15/96	6 - 8	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0049	SCCD-04	05/21/96	0 - 2	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.080 *J*	0.50 *U*	0.50 *U*
BOSD0050	SCCD-04	05/21/96	2 - 4	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.070 *J*	0.60 *U*	0.60 *U*
BOSD0051	SCCD-04	05/21/96	4 - 6	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.10 *J*	0.50 *U*	0.50 *U*
BOSD0052	SCCD-04	05/21/96	6 - 8	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0053	SCCD-04	05/21/96	8 - 10	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.30 *J*	0.50 *U*	0.050 *J*
BOSD0054	SCCD-04	05/21/96	10 - 12	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.050 *J*	0.50 *U*	0.50 *U*
BOSD0056	SCCD-04	05/21/96	14 - 16	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0058	SCCD-04	05/21/96	18 - 20	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.20 *J*	0.050 *J*	0.60 *U*
BOSD0065	SCCD-05	05/16/96	0 - 2	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0066	SCCD-05	05/16/96	2 - 4	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.040 *J*	0.30 *U*	0.30 *U*
BOSD0067	SCCD-05	05/16/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.050 *J*	0.040 *J*	0.40 *U*
BOSD0068	SCCD-05	05/16/96	6 - 8	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.050 *J*	0.050 *J*	0.30 *U*
BOSD0069	SCCD-05	05/16/96	8 - 10	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.050 *J*	0.50 *U*	0.50 *U*
BOSD0070	SCCD-05	05/16/96	10 - 12	0.90 *U*	0.90 *U*	0.90 *U*	0.90 *U*	0.060 *J*	0.90 *U*	0.90 *U*
BOSD0072	SCCD-05	05/16/96	14 - 16	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.080 *J*	0.60 *U*	0.60 *U*
BOSD0074	SCCD-05	05/16/96	18 - 20	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0081	SCCD-06	05/22/96	0 - 2	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0082	SCCD-06	05/22/96	2 - 4	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.10 *J*	0.40 *U*	0.40 *U*
BOSD0083	SCCD-06	05/22/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0084	SCCD-06	05/22/96	6 - 8	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0085	SCCD-06	05/22/96	8 - 10	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0086	SCCD-06	05/22/96	10 - 12	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0088	SCCD-06	05/22/96	14 - 16	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0090	SCCD-06	05/22/96	18 - 20	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0097	SCCD-07	05/20/96	0 - 2	2.2 *U*	2.2 *U*	2.2 *U*	2.2 *U*	0.30 *J*	0.20 *J*	2.2 *U*
BOSD0098	SCCD-07	05/20/96	2 - 4	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.10 *J*	0.10 *J*	0.50 *U*
BOSD0099	SCCD-07	05/20/96	4 - 6	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*
BOSD0100	SCCD-07	05/20/96	6 - 8	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	0.20 *J*	0.20 *J*	1.1 *U*
BOSD0101	SCCD-07	05/20/96	8 - 10	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.20 *J*	0.20 *J*	0.60 *U*
BOSD0102	SCCD-07	05/20/96	10 - 12	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	0.20 *J*	0.10 *J*	1.1 *U*
BOSD0104	SCCD-07	05/20/96	14 - 16	0.80 *U*	0.80 *U*	0.060 *J*	0.060 *J*	0.20 *J*	0.10 *J*	0.80 *U*
BOSD0106	SCCD-07	05/20/96	18 - 20	0.80 *U*	0.80 *U*	0.80 *U*	0.040 *J*	0.10 *J*	0.070 *J*	0.80 *U*
BOSD0113	SCCD-08	05/22/96	0 - 2	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0114	SCCD-08	05/22/96	2 - 4	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*

TABLE 1.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Low Molecular Weight Polycyclic Aromatic Hydrocarbons						
				Naphthalene (mg/kg)	Acenaphthylene (mg/kg)	Acenaphthene (mg/kg)	Fluorene (mg/kg)	Phenanthrene (mg/kg)	Anthracene (mg/kg)	2-Methyl-naphthalene (mg/kg)
BOSD0115	SCCD-08	05/22/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0116	SCCD-08	05/22/96	6 - 8	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0117	SCCD-08	05/22/96	8 - 10	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0118	SCCD-08	05/22/96	10 - 12	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0120	SCCD-08	05/22/96	14 - 16	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0122	SCCD-08	05/22/96	18 - 20	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0129	SCCD-09	05/20/96	0 - 2	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.10 *J*	0.30 *U*	0.30 *U*
BOSD0130	SCCD-09	05/20/96	2 - 4	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.040 *J*	0.060 *J*	0.60 *U*
BOSD0131	SCCD-09	05/20/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.10 *J*	0.040 *J*	0.40 *U*
BOSD0132	SCCD-09	05/20/96	6 - 8	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.10 *J*	0.070 *J*	0.30 *U*
BOSD0133	SCCD-09	05/20/96	8 - 10	0.30 *U*	0.30 *U*	0.30 *U*	0.10 *J*	0.30 *J*	1.5	0.050 *J*
BOSD0134	SCCD-09	05/20/96	10 - 12	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.040 *J*	0.050 *J*	0.40 *U*
BOSD0136	SCCD-09	05/20/96	14 - 16	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.10 *J*	0.10 *J*	0.60 *U*
BOSD0138	SCCD-09	05/20/96	18 - 20	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.040 *J*	0.070 *J*	0.50 *U*
BOSD0181	SCCD-12	07/14/96	8 - 10	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.050 *J*	0.15 *U*	0.15 *U*
BOSD0182	SCCD-12	07/14/96	10 - 12	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.040 *J*	0.15 *UJ*	0.15 *UJ*
BOSD0184	SCCD-12	07/14/96	14 - 16	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*
BOSD0177	SCCD-12	07/14/96	0 - 2	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	0.040 *J*	0.29 *UJ*	0.29 *UJ*
BOSD0186	SCCD-12	07/14/96	18 - 20	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.060 *J*	0.050 *J*	0.27 *U*
BOSD0178	SCCD-12	07/14/96	2 - 4	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	0.050 *J*	0.040 *J*	0.29 *UJ*
BOSD0179	SCCD-12	07/14/96	4 - 6	0.62 *U*	0.62 *U*	0.62 *U*	0.62 *U*	0.62 *U*	0.62 *U*	0.62 *U*
BOSD0180	SCCD-12	07/14/96	6 - 8	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.050 *J*	0.27 *U*	0.27 *U*
BOSD0354	SCCD-14	07/13/96	8 - 10	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0355	SCCD-14	07/13/96	10 - 12	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0357	SCCD-14	07/13/96	14 - 16	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*
BOSD0350	SCCD-14	07/13/96	0 - 2	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*
BOSD0359	SCCD-14	07/13/96	18 - 20	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*
BOSD0351	SCCD-14	07/13/96	2 - 4	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0352	SCCD-14	07/13/96	4 - 6	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0353	SCCD-14	07/13/96	6 - 8	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0370	SCCD-15	07/13/96	8 - 10	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*
BOSD0371	SCCD-15	07/13/96	10 - 12	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0373	SCCD-15	07/13/96	14 - 16	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*
BOSD0366	SCCD-15	07/13/96	0 - 2	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0375	SCCD-15	07/13/96	18 - 20	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*
BOSD0367	SCCD-15	07/13/96	2 - 4	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0368	SCCD-15	07/13/96	4 - 6	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*

TABLE 1.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Low Molecular Weight Polycyclic Aromatic Hydrocarbons: Naphthalene (mg/kg)	Acenaphthylene (mg/kg)	Acenaphthene (mg/kg)	Fluorene (mg/kg)	Phenanthrene (mg/kg)	Anthracene (mg/kg)	2-Methyl-naphthalene (mg/kg)
BOSD0369	SCCD-15	07/13/96	6 - 8	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0001	SCM-01	05/14/96	0 - 2	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*
BOSD0002	SCM-01	05/14/96	2 - 4	0.40 *U*	0.40 *U*	0.050 *J*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0003	SCM-01	05/14/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0004	SCM-01	05/14/96	6 - 8	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0005	SCM-01	05/14/96	8 - 10	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0006	SCM-01	05/14/96	10 - 12	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0008	SCM-01	05/14/96	14 - 16	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0010	SCM-01	05/14/96	18 - 20	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0225	SCM-02	05/17/96	0 - 2	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0226	SCM-02	05/17/96	2 - 4	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*
BOSD0227	SCM-02	05/17/96	4 - 6	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*
BOSD0228	SCM-02	05/17/96	6 - 8	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0229	SCM-02	05/17/96	8 - 10	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0230	SCM-02	05/17/96	10 - 12	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0232	SCM-02	05/17/96	14 - 16	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0234	SCM-02	05/17/96	18 - 20	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0241	SCM-03	05/15/96	0 - 2	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0242	SCM-03	05/15/96	2 - 4	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0243	SCM-03	05/15/96	4 - 6	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0244	SCM-03	05/15/96	6 - 8	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0245	SCM-03	05/15/96	8 - 10	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0246	SCM-03	05/15/96	10 - 12	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0248	SCM-03	05/15/96	14 - 16	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0250	SCM-03	05/15/96	18 - 20	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0386	SCMB-01	07/15/96	8 - 10	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*
BOSD0387	SCMB-01	07/15/96	10 - 12	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*
BOSD0389	SCMB-01	07/15/96	14 - 16	0.27 *UJ*	0.27 *UJ*	0.27 *UJ*	0.27 *UJ*	0.27 *UJ*	0.27 *UJ*	0.27 *UJ*
BOSD0382	SCMB-01	07/15/96	0 - 2	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*
BOSD0391	SCMB-01	07/15/96	18 - 20	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*
BOSD0383	SCMB-01	07/15/96	2 - 4	0.25 *U*	0.25 *U*	0.25 *U*	0.25 *U*	0.25 *U*	0.25 *U*	0.25 *U*
BOSD0384	SCMB-01	07/15/96	4 - 6	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*
BOSD0385	SCMB-01	07/15/96	6 - 8	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*
Channel Reference										
BOSD0257	SCCR-01	05/18/96	0 - 2	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*
BOSD0258	SCCR-01	05/18/96	2 - 4	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0259	SCCR-01	05/18/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*

TABLE 1.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Low Molecular Weight Polycyclic Aromatic Hydrocarbons						
				Naphthalene (mg/kg)	Acenaphthylene (mg/kg)	Acenaphthene (mg/kg)	Fluorene (mg/kg)	Phenanthrene (mg/kg)	Anthracene (mg/kg)	2-Methyl-naphthalene (mg/kg)
BOSD0260	SCCR-01	05/18/96	6 - 8	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0261	SCCR-01	05/18/96	8 - 10	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0262	SCCR-01	05/18/96	10 - 12	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0264	SCCR-01	05/18/96	14 - 16	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
8OSD0266	SCCR-01	05/18/96	18 - 20	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
Marsh Reference										
BOSD0273	SCMR-01	05/18/96	0 - 2	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0274	SCMR-01	05/18/96	2 - 4	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0275	SCMR-01	05/18/96	4 - 6	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0276	SCMR-01	05/18/96	6 - 8	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0277	SCMR-01	05/18/96	8 - 10	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0278	SCMR-01	05/18/96	10 - 12	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0280	SCMR-01	05/18/96	14 - 16	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0282	SCMR-01	05/18/96	18 - 20	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*

TABLE 1.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	High Molecular Weight Polycyclic Aromatic Hydrocarbons: Fluor-anthene (mg/kg)	Pyrene (mg/kg)	Benz[a]-anthracene (mg/kg)	Chrysene (mg/kg)	Benzo[b]-fluoranthene (mg/kg)	Benzo[k]-fluoranthene (mg/kg)	Benzo[a]-pyrene (mg/kg)	Indeno [1,2,3-cd]-pyrene (mg/kg)	Dibenz[a,h]-anthracene (mg/kg)	Benzo[ghi]-perylene (mg/kg)
BOSD0209	SCC-01	05/17/96	0 - 2	0.20 J	0.30 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
BOSD0210	SCC-01	05/17/96	2 - 4	0.20 J	0.20 J	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U	0.70 U
BOSD0211	SCC-01	05/17/96	4 - 6	0.20 J	0.20 J	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
BOSD0212	SCC-01	05/17/96	6 - 8	0.20 J	0.20 J	0.20 J	0.20 J	0.80 U	0.80 U	0.80 U	0.80 U	0.80 U	0.80 U
BOSD0213	SCC-01	05/17/96	8 - 10	0.20 J	0.20 J	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
BOSD0214	SCC-01	05/17/96	10 - 12	0.20 J	0.20 J	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
BOSD0216	SCC-01	05/17/96	14 - 16	0.20 J	0.10 J	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U	0.60 U
BOSD0218	SCC-01	05/17/96	18 - 20	0.10 J	0.10 J	0.40 U	0.40 U	0.10 J	0.060 J	0.080 J	0.40 U	0.40 U	0.40 U
BOSD0017	SCC-02	05/17/96	0 - 2	0.10 J	0.10 J	0.45 U	0.45 U	0.10 J	0.040 J	0.040 J	0.10 J	0.45 U	0.10 J
BOSD0018	SCC-02	05/17/96	2 - 4	0.10 J	0.20 J	0.60 U	0.60 U	0.14 J	0.060 J	0.070 J	0.60 U	0.60 U	0.20 J
BOSD0019	SCC-02	05/17/96	4 - 6	0.10 J	0.10 J	0.10 J	0.10 J	0.10 J	0.040 J	0.050 J	0.10 J	0.45 U	0.10 J
BOSD0020	SCC-02	05/17/96	6 - 8	0.10 J	0.10 J	0.45 U	0.45 U	0.030 J	0.010 J	0.45 U	0.45 U	0.45 U	0.45 U
BOSD0021	SCC-02	05/17/96	8 - 10	0.10 J	0.10 J	0.10 J	0.10 J	0.10 J	0.040 J	0.10 J	0.040 J	0.45 U	0.10 J
BOSD0022	SCC-02	05/17/96	10 - 12	0.17 J	0.15 J	0.080 J	0.070 J	0.090 J	0.060 J	0.060 J	0.060 J	0.40 UJ	0.070 J
BOSD0024	SCC-02	05/17/96	14 - 16	0.10 J	0.10 J	0.10 J	0.10 J	0.10 J	0.050 J	0.040 J	0.45 U	0.45 U	0.45 U
BOSD0026	SCC-02	05/17/96	18 - 20	0.10 J	0.10 J	0.10 J	0.10 J	0.10 J	0.040 J	0.050 J	0.030 J	0.45 U	0.10 J
BOSD0033	SCC-03	05/15/96	0 - 2	0.10 J	0.080 J	0.050 J	0.050 J	0.60 U	0.060 J	0.050 J	0.040 J	0.60 U	0.60 U
BOSD0034	SCC-03	05/15/96	2 - 4	0.10 J	0.090 J	0.060 J	0.060 J	0.060 J	0.060 J	0.050 J	0.60 U	0.60 U	0.60 U
BOSD0035	SCC-03	05/15/96	4 - 6	0.30 U	0.15 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U
BOSD0036	SCC-03	05/15/96	6 - 8	0.040 J	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
BOSD0037	SCC-03	05/15/96	8 - 10	0.070 J	0.050 J	0.040 J	0.30 U	0.040 J	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U
BOSD0038	SCC-03	05/15/96	10 - 12	0.060 J	0.050 J	0.040 J	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U
BOSD0040	SCC-03	05/15/96	14 - 16	0.050 J	0.040 J	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U
BOSD0042	SCC-03	05/15/96	18 - 20	0.040 J	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U
BOSD0402	SCCB-01	07/15/96	8 - 10	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
BOSD0403	SCCB-01	07/15/96	10 - 12	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
BOSD0405	SCCB-01	07/15/96	14 - 16	0.040	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
BOSD0398	SCCB-01	07/15/96	0 - 2	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
BOSD0407	SCCB-01	07/15/96	18 - 20	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
BOSD0399	SCCB-01	07/15/96	2 - 4	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
BOSD0400	SCCB-01	07/15/96	4 - 6	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
BOSD0401	SCCB-01	07/15/96	6 - 8	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
BOSD0418	SCCB-02	07/15/96	8 - 10	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
BOSD0419	SCCB-02	07/15/96	10 - 12	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
BOSD0421	SCCB-02	07/15/96	14 - 16	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
BOSD0414	SCCB-02	07/15/96	0 - 2	0.36 U	0.060 J	0.040 J	0.040 J	0.060 J	0.050 J	0.050 J	0.040 J	0.36 U	0.36 U
BOSD0424	SCCB-02	07/15/96	20 - 25	0.70 J	0.050 J	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U

TABLE 1.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	High Molecular Weight Polycyclic Aromatic Hydrocarbons									
				Fluor-anthene (mg/kg)	Pyrene (mg/kg)	Benz[a]-anthracene (mg/kg)	Chrysene (mg/kg)	Benzo[b]-fluoranthene (mg/kg)	Benzo[k]-fluoranthene (mg/kg)	Benzo[a]-pyrene (mg/kg)	Indeno [1,2,3-cd]-pyrene (mg/kg)	Dibenz[a,h]-anthracene (mg/kg)	Benzo[ghi]-perylene (mg/kg)
BOSD0415	SCCB-02	07/15/96	2 - 4	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0416	SCCB-02	07/15/96	4 - 6	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0417	SCCB-02	07/15/96	6 - 8	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0049	SCCD-04	05/21/96	0 - 2	0.20 *J*	0.40 *J*	0.20 *J*	0.20 *J*	0.30 *J*	0.20 *J*	0.20 *J*	0.070 *J*	0.50 *UJ*	0.10 *J*
BOSD0050	SCCD-04	05/21/96	2 - 4	0.30 *J*	0.60	0.30 *J*	0.30 *J*	0.50 *J*	0.30 *J*	0.30 *J*	0.10 *J*	0.050 *J*	0.20 *J*
BOSD0051	SCCD-04	05/21/96	4 - 6	0.30 *J*	0.60	0.20 *J*	0.30 *J*	0.30 *J*	0.20 *J*	0.20 *J*	0.090 *J*	0.50 *UJ*	0.20 *J*
BOSD0052	SCCD-04	05/21/96	6 - 8	0.20 *J*	0.70 *J*	0.30 *J*	0.30 *J*	0.30 *J*	0.20 *J*	0.20 *J*	0.10 *J*	0.50 *U*	0.20 *J*
BOSD0053	SCCD-04	05/21/96	8 - 10	0.60	1.0	0.30 *J*	0.40 *J*	0.50 *J*	0.20 *J*	0.30 *J*	0.20 *J*	0.50 *U*	0.20 *J*
BOSD0054	SCCD-04	05/21/96	10 - 12	0.30 *J*	0.60	0.30 *J*	0.20 *J*	0.30 *J*	0.10 *J*	0.30 *J*	0.10 *J*	0.50 *U*	0.20 *J*
BOSD0056	SCCD-04	05/21/96	14 - 16	0.40 *J*	1.8	0.50 *U*	0.50 *U*	0.40 *J*	0.20 *J*	0.40 *J*	0.20 *J*	0.50 *U*	0.20 *J*
BOSD0058	SCCD-04	05/21/96	18 - 20	0.40 *J*	0.80	0.30 *J*	0.40 *J*	0.50 *J*	0.20 *J*	0.30 *J*	0.20 *J*	0.070 *J*	0.20 *J*
BOSD0065	SCCD-05	05/16/96	0 - 2	0.10 *J*	0.10 *J*	0.060 *J*	0.070 *J*	0.060 *J*	0.050 *J*	0.050 *J*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0066	SCCD-05	05/16/96	2 - 4	0.30 *U*	0.10 *J*	0.060 *J*	0.060 *J*	0.060 *J*	0.050 *J*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0067	SCCD-05	05/16/96	4 - 6	0.21 *J*	0.17 *J*	0.090 *J*	0.090 *J*	0.060 *J*	0.070 *J*	0.040 *J*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0068	SCCD-05	05/16/96	6 - 8	0.10 *J*	0.10 *J*	0.070 *J*	0.080 *J*	0.070 *J*	0.050 *J*	0.040 *J*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0069	SCCD-05	05/16/96	8 - 10	0.20 *J*	0.20 *J*	0.10 *J*	0.10 *J*	0.10 *J*	0.10 *J*	0.070 *J*	0.50 *UJ*	0.50 *UJ*	0.50 *UJ*
BOSD0070	SCCD-05	05/16/96	10 - 12	0.30 *J*	0.20 *J*	0.10 *J*	0.10 *J*	0.90 *U*	0.90 *U*	0.90 *U*	0.90 *UJ*	0.90 *UJ*	0.90 *UJ*
BOSD0072	SCCD-05	05/16/96	14 - 16	0.30 *J*	0.30 *J*	0.10 *J*	0.20 *J*	0.20 *J*	0.10 *J*	0.60 *U*	0.60 *UJ*	0.60 *UJ*	0.60 *UJ*
BOSD0074	SCCD-05	05/16/96	18 - 20	0.20 *J*	0.20 *J*	0.10 *J*	0.10 *J*	0.10 *J*	0.10 *J*	0.040 *J*	0.60 *UJ*	0.60 *UJ*	0.60 *UJ*
BOSD0081	SCCD-06	05/22/96	0 - 2	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0082	SCCD-06	05/22/96	2 - 4	0.20 *J*	0.20 *J*	0.40 *U*	0.090 *J*	0.070 *J*	0.040 *J*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0083	SCCD-06	05/22/96	4 - 6	0.40 *U*	0.050 *J*	0.040 *J*	0.050 *J*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0084	SCCD-06	05/22/96	6 - 8	0.40 *U*	0.060 *J*	0.040 *J*	0.050 *J*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0085	SCCD-06	05/22/96	8 - 10	0.30 *U*	0.040 *J*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0086	SCCD-06	05/22/96	10 - 12	0.30 *U*	0.10 *J*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0088	SCCD-06	05/22/96	14 - 16	0.30 *U*	1.0	0.30 *U*	0.30 *U*	0.30	0.20 *J*	0.30 *J*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0090	SCCD-06	05/22/96	18 - 20	0.30 *U*	9.6	1.0	0.80	1.4	0.70	1.4	0.60	0.50	1.4
BOSD0097	SCCD-07	05/20/96	0 - 2	1.4 *J*	0.90 *J*	0.40 *J*	0.50 *J*	0.40 *J*	0.40 *J*	0.30 *J*	2.2 *U*	2.2 *U*	2.2 *U*
BOSD0098	SCCD-07	05/20/96	2 - 4	0.70	0.50	0.20 *J*	0.30 *J*	0.20 *J*	0.20 *J*	0.20 *J*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0099	SCCD-07	05/20/96	4 - 6	1.0 *J*	0.60 *J*	0.30 *J*	0.40 *J*	0.30 *J*	0.30 *J*	0.20 *J*	1.0 *U*	1.0 *U*	1.0 *U*
BOSD0100	SCCD-07	05/20/96	6 - 8	1.2	0.90 *J*	0.50 *J*	0.50 *J*	0.40 *J*	0.40 *J*	0.30 *J*	1.1 *U*	1.1 *U*	1.1 *U*
BOSD0101	SCCD-07	05/20/96	8 - 10	1.2	0.80	0.40 *J*	0.50 *J*	0.40 *J*	0.30 *J*	0.30 *J*	0.20 *J*	0.60 *U*	0.20 *J*
BOSD0102	SCCD-07	05/20/96	10 - 12	1.0	0.60 *J*	0.30 *J*	0.40 *J*	0.20 *J*	0.20 *J*	0.20 *J*	0.10 *J*	1.1 *U*	0.10 *J*
BOSD0104	SCCD-07	05/20/96	14 - 16	0.80	0.60 *J*	0.30 *J*	0.40 *J*	0.30 *J*	0.20 *J*	0.20 *J*	0.10 *J*	0.80 *U*	0.090 *J*
BOSD0106	SCCD-07	05/20/96	18 - 20	0.60 *J*	0.40 *J*	0.30 *J*	0.30 *J*	0.30 *J*	0.20 *J*	0.20 *J*	0.10 *J*	0.80 *U*	0.10 *J*
BOSD0113	SCCD-08	05/22/96	0 - 2	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0114	SCCD-08	05/22/96	2 - 4	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*

TABLE 1.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Fluor-anthene (mg/kg)	Pyrene (mg/kg)	Benz[a]-anthracene (mg/kg)	Chrysene (mg/kg)	Benzo[b]-fluoranthene (mg/kg)	Benzo[k]-fluoranthene (mg/kg)	Benzo[a]-pyrene (mg/kg)	Indeno [1,2,3-cd]-pyrene (mg/kg)	Dibenz[a,h]-anthracene (mg/kg)	Benzo[ghi] perylene (mg/kg)
				High Molecular Weight Polycyclic Aromatic Hydrocarbons									
BOSD0115	SCCD-08	05/22/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0116	SCCD-08	05/22/96	6 - 8	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0117	SCCD-08	05/22/96	8 - 10	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0118	SCCD-08	05/22/96	10 - 12	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0120	SCCD-08	05/22/96	14 - 16	0.050 *J*	0.040 *J*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0122	SCCD-08	05/22/96	18 - 20	0.050 *J*	0.050 *J*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0129	SCCD-09	05/20/96	0 - 2	0.30	0.30 *J*	0.20 *J*	0.20 *J*	0.20 *J*	0.10 *J*	0.090 *J*	0.040 *J*	0.30 *U*	0.30 *U*
BOSD0130	SCCD-09	05/20/96	2 - 4	0.40 *J*	0.40 *J*	0.20 *J*	0.20 *J*	0.20 *J*	0.10 *J*	0.10 *J*	0.050 *J*	0.60 *U*	0.050 *J*
BOSD0131	SCCD-09	05/20/96	4 - 6	0.40 *J*	0.50 *J*	0.30 *J*	0.30 *J*	0.30 *J*	0.20 *J*	0.20 *J*	0.10 *J*	0.40 *U*	0.10 *J*
BOSD0132	SCCD-09	05/20/96	6 - 8	0.70	0.80	0.50	0.50	0.50	0.30	0.30 *J*	0.10 *J*	0.30 *U*	0.10 *J*
BOSD0133	SCCD-09	05/20/96	8 - 10	0.60	0.60	0.30	0.30 *J*	0.40	0.20 *J*	0.20 *J*	0.070 *J*	0.30 *U*	0.070 *J*
BOSD0134	SCCD-09	05/20/96	10 - 12	0.40	0.50	0.40 *J*	0.40 *J*	0.40 *J*	0.40 *J*	0.20 *J*	0.040 *J*	0.40 *U*	0.080 *J*
BOSD0136	SCCD-09	05/20/96	14 - 16	0.40 *J*	0.30 *J*	0.20 *J*	0.40 *J*	0.20 *J*	0.20 *J*	0.20 *J*	0.080 *J*	0.60 *U*	0.080 *J*
BOSD0138	SCCD-09	05/20/96	18 - 20	0.40 *J*	0.40 *J*	0.30 *J*	0.40 *J*	0.50	0.40 *J*	0.40 *J*	0.20 *J*	0.50 *U*	0.10 *J*
BOSD0181	SCCD-12	07/14/96	8 - 10	1.1	1.3	0.20	0.20	0.30	0.20	0.20	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0182	SCCD-12	07/14/96	10 - 12	0.80 *J*	0.80 *J*	0.20 *J*	0.20 *J*	0.20 *J*	0.20 *J*	0.20 *J*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*
BOSD0184	SCCD-12	07/14/96	14 - 16	0.50 *J*	0.70 *J*	0.20 *J*	0.20 *J*	0.20 *J*	0.20 *J*	0.20 *J*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*
BOSD0177	SCCD-12	07/14/96	0 - 2	0.40 *J*	0.30 *J*	0.10 *J*	0.090 *J*	0.090 *J*	0.080 *J*	0.050 *J*	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*
BOSD0186	SCCD-12	07/14/96	18 - 20	0.60	0.70	0.30 *J*	0.20 *J*	0.30 *J*	0.30 *J*	0.20 *J*	0.27 *U*	0.27 *U*	0.27 *U*
BOSD0178	SCCD-12	07/14/96	2 - 4	0.70 *J*	0.60 *J*	0.20 *J*	0.10 *J*	0.10 *J*	0.10 *J*	0.090 *J*	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*
BOSD0179	SCCD-12	07/14/96	4 - 6	1.8	1.6	0.40 *J*	0.30 *J*	0.40 *J*	0.30 *J*	0.30 *J*	0.62 *U*	0.62 *U*	0.62 *U*
BOSD0180	SCCD-12	07/14/96	6 - 8	1.1	1.0	0.20 *J*	0.20 *J*	0.20 *J*	0.20 *J*	0.20 *J*	0.27 *U*	0.27 *U*	0.27 *U*
BOSD0354	SCCD-14	07/13/96	8 - 10	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0355	SCCD-14	07/13/96	10 - 12	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0357	SCCD-14	07/13/96	14 - 16	0.070 *J*	0.060 *J*	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*
BOSD0350	SCCD-14	07/13/96	0 - 2	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*
BOSD0359	SCCD-14	07/13/96	18 - 20	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*
BOSD0351	SCCD-14	07/13/96	2 - 4	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0352	SCCD-14	07/13/96	4 - 6	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0353	SCCD-14	07/13/96	6 - 8	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0370	SCCD-15	07/13/96	8 - 10	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*
BOSD0371	SCCD-15	07/13/96	10 - 12	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0373	SCCD-15	07/13/96	14 - 16	0.10 *J*	0.10 *J*	0.060 *J*	0.050 *J*	0.050 *J*	0.26 *U*	0.040 *J*	0.26 *U*	0.26 *U*	0.26 *U*
BOSD0366	SCCD-15	07/13/96	0 - 2	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0375	SCCD-15	07/13/96	18 - 20	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*
BOSD0367	SCCD-15	07/13/96	2 - 4	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0368	SCCD-15	07/13/96	4 - 6	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*

TABLE 1.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	High Molecular Weight Polycyclic Aromatic Hydrocarbons: Fluor-anthene (mg/kg)	Pyrene (mg/kg)	Benz[a]-anthracene (mg/kg)	Chrysene (mg/kg)	Benzo[b]-fluoranthene (mg/kg)	Benzo[k]-fluoranthene (mg/kg)	Benzo[a]-pyrene (mg/kg)	Indeno [1,2,3-cd]-pyrene (mg/kg)	Dibenz[a,h]-anthracene (mg/kg)	Benzo[ghi]-perylene (mg/kg)
BOSD0369	SCCD-15	07/13/96	6 - 8	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0001	SCM-01	05/14/96	0 - 2	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*
BOSD0002	SCM-01	05/14/96	2 - 4	0.40 *U*	0.060 *J*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0003	SCM-01	05/14/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0004	SCM-01	05/14/96	6 - 8	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*
BOSD0005	SCM-01	05/14/96	8 - 10	0.30 *U*	0.050 *J*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0006	SCM-01	05/14/96	10 - 12	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0008	SCM-01	05/14/96	14 - 16	0.45 *U*	0.10 *J*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0010	SCM-01	05/14/96	18 - 20	0.50 *U*	0.060 *J*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0225	SCM-02	05/17/96	0 - 2	0.060 *J*	0.050 *J*	0.60 *U*	0.040 *J*	0.060 *J*	0.60 *U*	0.040 *J*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0226	SCM-02	05/17/96	2 - 4	0.040 *J*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*
BOSD0227	SCM-02	05/17/96	4 - 6	0.050 *J*	0.040 *J*	0.70 *U*	0.70 *U*	0.040 *J*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*
BOSD0228	SCM-02	05/17/96	6 - 8	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0229	SCM-02	05/17/96	8 - 10	0.060 *J*	0.10 *J*	0.45 *U*	0.45 *U*	0.050 *J*	0.050 *J*	0.040 *J*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0230	SCM-02	05/17/96	10 - 12	0.10 *J*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0232	SCM-02	05/17/96	14 - 16	0.10 *J*	0.10 *J*	0.10 *J*	0.30 *U*	0.10 *J*	0.10 *J*	0.10 *J*	0.040 *J*	0.30 *U*	0.30 *U*
BOSD0234	SCM-02	05/17/96	18 - 20	0.10 *J*	0.50	0.20 *J*	0.20 *J*	0.30 *J*	0.10 *J*	0.80	0.20 *J*	0.10 *J*	0.40
BOSD0241	SCM-03	05/15/96	0 - 2	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0242	SCM-03	05/15/96	2 - 4	0.050 *J*	0.040 *J*	0.45 *U*	0.45 *U*	0.45 *U*	0.040 *J*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0243	SCM-03	05/15/96	4 - 6	0.050 *J*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0244	SCM-03	05/15/96	6 - 8	0.10 *J*	0.040 *J*	0.45 *U*	0.45 *U*	0.45 *U*	0.040 *J*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0245	SCM-03	05/15/96	8 - 10	0.040 *J*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0246	SCM-03	05/15/96	10 - 12	0.040 *J*	0.050 *J*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0248	SCM-03	05/15/96	14 - 16	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0250	SCM-03	05/15/96	18 - 20	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0386	SCMB-01	07/15/96	8 - 10	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*
BOSD0387	SCMB-01	07/15/96	10 - 12	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*
BOSD0389	SCMB-01	07/15/96	14 - 16	0.27 *UJ*	0.27 *UJ*	0.27 *UJ*	0.27 *UJ*	0.27 *UJ*	0.27 *UJ*	0.27 *UJ*	0.27 *UJ*	0.27 *UJ*	0.27 *UJ*
BOSD0382	SCMB-01	07/15/96	0 - 2	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*
BOSD0391	SCMB-01	07/15/96	18 - 20	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*
BOSD0383	SCMB-01	07/15/96	2 - 4	0.25 *U*	0.25 *U*	0.25 *U*	0.25 *U*	0.25 *U*	0.25 *U*	0.25 *U*	0.25 *U*	0.25 *U*	0.25 *U*
BOSD0384	SCMB-01	07/15/96	4 - 6	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*
BOSD0385	SCMB-01	07/15/96	6 - 8	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*
Channel Reference													
BOSD0257	SCCR-01	05/18/96	0 - 2	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *UJ*	0.80 *UJ*	0.80 *UJ*
BOSD0258	SCCR-01	05/18/96	2 - 4	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0259	SCCR-01	05/18/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*

TABLE ..3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	High Molecular Weight Polycyclic Aromatic Hydrocarbons									
				Fluor-anthene (mg/kg)	Pyrene (mg/kg)	Benz[a]-anthracene (mg/kg)	Chrysene (mg/kg)	Benzo[b]-fluoranthene (mg/kg)	Benzo[k]-fluoranthene (mg/kg)	Benzo[a]-pyrene (mg/kg)	Indeno [1,2,3-cd]-pyrene (mg/kg)	Dibenz[a,h]-anthracene (mg/kg)	Benzo[ghi]-perylene (mg/kg)
BOSD0260	SCCR-01	05/18/96	6 - 8	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0261	SCCR-01	05/18/96	8 - 10	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0262	SCCR-01	05/18/96	10 - 12	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0264	SCCR-01	05/18/96	14 - 16	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0266	SCCR-01	05/18/96	18 - 20	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
Marsh Reference													
BOSD0273	SCMR-01	05/18/96	0 - 2	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0274	SCMR-01	05/18/96	2 - 4	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0275	SCMR-01	05/18/96	4 - 6	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0276	SCMR-01	05/18/96	6 - 8	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0277	SCMR-01	05/18/96	8 - 10	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0278	SCMR-01	05/18/96	10 - 12	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0280	SCMR-01	05/18/96	14 - 16	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0282	SCMR-01	05/18/96	18 - 20	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*

TABLE 1.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Phenols: Phenol (mg/kg)	2-Methyl-phenol (mg/kg)	3- and 4-Methyl-phenol (mg/kg)	2,4-Dimethyl-phenol (mg/kg)
BOSD0209	SCC-01	05/17/96	0 - 2	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*
BOSD0210	SCC-01	05/17/96	2 - 4	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*
BOSD0211	SCC-01	05/17/96	4 - 6	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0212	SCC-01	05/17/96	6 - 8	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*
BOSD0213	SCC-01	05/17/96	8 - 10	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0214	SCC-01	05/17/96	10 - 12	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0216	SCC-01	05/17/96	14 - 16	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0218	SCC-01	05/17/96	18 - 20	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0017	SCC-02	05/17/96	0 - 2	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0018	SCC-02	05/17/96	2 - 4	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0019	SCC-02	05/17/96	4 - 6	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0020	SCC-02	05/17/96	6 - 8	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0021	SCC-02	05/17/96	8 - 10	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0022	SCC-02	05/17/96	10 - 12	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*
BOSD0024	SCC-02	05/17/96	14 - 16	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0026	SCC-02	05/17/96	18 - 20	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0033	SCC-03	05/15/96	0 - 2	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0034	SCC-03	05/15/96	2 - 4	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0035	SCC-03	05/15/96	4 - 6	0.15 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0036	SCC-03	05/15/96	6 - 8	0.20 *U*	0.20 *U*	0.20 *U*	0.20 *U*
BOSD0037	SCC-03	05/15/96	8 - 10	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0038	SCC-03	05/15/96	10 - 12	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0040	SCC-03	05/15/96	14 - 16	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0042	SCC-03	05/15/96	18 - 20	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0402	SCCB-01	07/15/96	8 - 10	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0403	SCCB-01	07/15/96	10 - 12	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0405	SCCB-01	07/15/96	14 - 16	0.29 *U*	0.29 *U*	0.29 *U*	0.29 *U*
BOSD0398	SCCB-01	07/15/96	0 - 2	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0407	SCCB-01	07/15/96	18 - 20	0.29 *U*	0.29 *U*	0.29 *U*	0.29 *U*
BOSD0399	SCCB-01	07/15/96	2 - 4	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0400	SCCB-01	07/15/96	4 - 6	0.35 *U*	0.35 *U*	0.35 *U*	0.35 *U*
BOSD0401	SCCB-01	07/15/96	6 - 8	0.28 *U*	0.28 *U*	0.28 *U*	0.28 *U*
BOSD0418	SCCB-02	07/15/96	8 - 10	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0419	SCCB-02	07/15/96	10 - 12	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0421	SCCB-02	07/15/96	14 - 16	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0414	SCCB-02	07/15/96	0 - 2	0.36 *U*	0.36 *U*	0.36 *U*	0.36 *U*
BOSD0424	SCCB-02	07/15/96	20 - 25	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*

TABLE 1.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Phenols: Phenol (mg/kg)	2-Methyl-phenol (mg/kg)	3- and 4-Methyl-phenol (mg/kg)	2,4-Dimethyl-phenol (mg/kg)
BOSD0415	SCCB-02	07/15/96	2 - 4	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0416	SCCB-02	07/15/96	4 - 6	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0417	SCCB-02	07/15/96	6 - 8	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0049	SCCD-04	05/21/96	0 - 2	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0050	SCCD-04	05/21/96	2 - 4	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0051	SCCD-04	05/21/96	4 - 6	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0052	SCCD-04	05/21/96	6 - 8	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0053	SCCD-04	05/21/96	8 - 10	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0054	SCCD-04	05/21/96	10 - 12	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0056	SCCD-04	05/21/96	14 - 16	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0058	SCCD-04	05/21/96	18 - 20	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0065	SCCD-05	05/16/96	0 - 2	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0066	SCCD-05	05/16/96	2 - 4	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0067	SCCD-05	05/16/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0068	SCCD-05	05/16/96	6 - 8	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0069	SCCD-05	05/16/96	8 - 10	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0070	SCCD-05	05/16/96	10 - 12	0.90 *U*	0.90 *U*	0.90 *U*	0.90 *U*
BOSD0072	SCCD-05	05/16/96	14 - 16	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0074	SCCD-05	05/16/96	18 - 20	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0081	SCCD-06	05/22/96	0 - 2	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0082	SCCD-06	05/22/96	2 - 4	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0083	SCCD-06	05/22/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0084	SCCD-06	05/22/96	6 - 8	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0085	SCCD-06	05/22/96	8 - 10	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0086	SCCD-06	05/22/96	10 - 12	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0088	SCCD-06	05/22/96	14 - 16	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0090	SCCD-06	05/22/96	18 - 20	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0097	SCCD-07	05/20/96	0 - 2	2.2 *U*	2.2 *U*	2.2 *U*	2.2 *U*
BOSD0098	SCCD-07	05/20/96	2 - 4	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0099	SCCD-07	05/20/96	4 - 6	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*
BOSD0100	SCCD-07	05/20/96	6 - 8	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*
BOSD0101	SCCD-07	05/20/96	8 - 10	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0102	SCCD-07	05/20/96	10 - 12	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*
BOSD0104	SCCD-07	05/20/96	14 - 16	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*
BOSD0106	SCCD-07	05/20/96	18 - 20	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*
BOSD0113	SCCD-08	05/22/96	0 - 2	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0114	SCCD-08	05/22/96	2 - 4	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*

TABLE 1.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Phenols: Phenol (mg/kg)	2-Methyl-phenol (mg/kg)	3- and 4-Methyl-phenol (mg/kg)	2,4-Dimethyl-phenol (mg/kg)
BOSD0115	SCCD-08	05/22/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0116	SCCD-08	05/22/96	6 - 8	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0117	SCCD-08	05/22/96	8 - 10	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0118	SCCD-08	05/22/96	10 - 12	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0120	SCCD-08	05/22/96	14 - 16	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0122	SCCD-08	05/22/96	18 - 20	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0129	SCCD-09	05/20/96	0 - 2	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0130	SCCD-09	05/20/96	2 - 4	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0131	SCCD-09	05/20/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0132	SCCD-09	05/20/96	6 - 8	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0133	SCCD-09	05/20/96	8 - 10	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0134	SCCD-09	05/20/96	10 - 12	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0136	SCCD-09	05/20/96	14 - 16	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0138	SCCD-09	05/20/96	18 - 20	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0181	SCCD-12	07/14/96	8 - 10	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0182	SCCD-12	07/14/96	10 - 12	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*
BOSD0184	SCCD-12	07/14/96	14 - 16	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*
BOSD0177	SCCD-12	07/14/96	0 - 2	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*
BOSD0186	SCCD-12	07/14/96	18 - 20	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*
BOSD0178	SCCD-12	07/14/96	2 - 4	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*
BOSD0179	SCCD-12	07/14/96	4 - 6	0.62 *U*	0.62 *U*	0.62 *U*	0.62 *U*
BOSD0180	SCCD-12	07/14/96	6 - 8	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*
BOSD0354	SCCD-14	07/13/96	8 - 10	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0355	SCCD-14	07/13/96	10 - 12	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0357	SCCD-14	07/13/96	14 - 16	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*
BOSD0350	SCCD-14	07/13/96	0 - 2	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*
BOSD0359	SCCD-14	07/13/96	18 - 20	0.38 *UJ*	0.38 *UJ*	0.38 *UJ*	0.38 *UJ*
BOSD0351	SCCD-14	07/13/96	2 - 4	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0352	SCCD-14	07/13/96	4 - 6	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0353	SCCD-14	07/13/96	6 - 8	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0370	SCCD-15	07/13/96	8 - 10	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*
BOSD0371	SCCD-15	07/13/96	10 - 12	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0373	SCCD-15	07/13/96	14 - 16	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*
BOSD0366	SCCD-15	07/13/96	0 - 2	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0375	SCCD-15	07/13/96	18 - 20	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*
BOSD0367	SCCD-15	07/13/96	2 - 4	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*
BOSD0368	SCCD-15	07/13/96	4 - 6	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*

TABLE 1.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Phenols: Phenol (mg/kg)	2-Methyl-phenol (mg/kg)	3- and 4-Methyl-phenol (mg/kg)	2,4-Dimethyl-phenol (mg/kg)
BOSD0369	SCCD-15	07/13/96	6 - 8	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0001	SCM-01	05/14/96	0 - 2	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*
BOSD0002	SCM-01	05/14/96	2 - 4	0.070 *J*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0003	SCM-01	05/14/96	4 - 6	0.10 *J*	0.40 *U*	0.10 *J*	0.40 *U*
BOSD0004	SCM-01	05/14/96	6 - 8	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0005	SCM-01	05/14/96	8 - 10	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0006	SCM-01	05/14/96	10 - 12	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0008	SCM-01	05/14/96	14 - 16	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0010	SCM-01	05/14/96	18 - 20	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0225	SCM-02	05/17/96	0 - 2	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0226	SCM-02	05/17/96	2 - 4	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*
BOSD0227	SCM-02	05/17/96	4 - 6	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*
BOSD0228	SCM-02	05/17/96	6 - 8	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0229	SCM-02	05/17/96	8 - 10	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0230	SCM-02	05/17/96	10 - 12	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0232	SCM-02	05/17/96	14 - 16	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0234	SCM-02	05/17/96	18 - 20	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0241	SCM-03	05/15/96	0 - 2	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0242	SCM-03	05/15/96	2 - 4	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0243	SCM-03	05/15/96	4 - 6	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0244	SCM-03	05/15/96	6 - 8	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0245	SCM-03	05/15/96	8 - 10	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0246	SCM-03	05/15/96	10 - 12	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0248	SCM-03	05/15/96	14 - 16	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0250	SCM-03	05/15/96	18 - 20	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0386	SCMB-01	07/15/96	8 - 10	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*
BOSD0387	SCMB-01	07/15/96	10 - 12	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*
BOSD0389	SCMB-01	07/15/96	14 - 16	0.27 *UJ*	0.27 *UJ*	0.27 *UJ*	0.27 *UJ*
BOSD0382	SCMB-01	07/15/96	0 - 2	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*
BOSD0391	SCMB-01	07/15/96	18 - 20	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*
BOSD0383	SCMB-01	07/15/96	2 - 4	0.25 *U*	0.25 *U*	0.25 *U*	0.25 *U*
BOSD0384	SCMB-01	07/15/96	4 - 6	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*
BOSD0385	SCMB-01	07/15/96	6 - 8	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*
Channel Reference							
BOSD0257	SCCR-01	05/18/96	0 - 2	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*
BOSD0258	SCCR-01	05/18/96	2 - 4	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0259	SCCR-01	05/18/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*

TABLE 1.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Phenols: Phenol (mg/kg)	2-Methyl-phenol (mg/kg)	3- and 4-Methyl-phenol (mg/kg)	2,4-Dimethyl-phenol (mg/kg)
BOSD0260	SCCR-01	05/18/96	6 - 8	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0261	SCCR-01	05/18/96	8 - 10	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0262	SCCR-01	05/18/96	10 - 12	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0264	SCCR-01	05/18/96	14 - 16	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0266	SCCR-01	05/18/96	18 - 20	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
Marsh Reference							
BOSD0273	SCMR-01	05/18/96	0 - 2	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0274	SCMR-01	05/18/96	2 - 4	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0275	SCMR-01	05/18/96	4 - 6	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0276	SCMR-01	05/18/96	6 - 8	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0277	SCMR-01	05/18/96	8 - 10	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0278	SCMR-01	05/18/96	10 - 12	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0280	SCMR-01	05/18/96	14 - 16	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0282	SCMR-01	05/18/96	18 - 20	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*

TABLE 1.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Substituted Phenols: 2-Chloro-phenol (mg/kg)	2,4-Dichloro-phenol (mg/kg)	4-Chloro-3-methyl-phenol (mg/kg)	2,4,6-Trichloro-phenol (mg/kg)	2,4,5-Trichloro-phenol (mg/kg)	Penta-chloro-phenol (mg/kg)	2-Nitro-phenol (mg/kg)	4-Nitro-phenol (mg/kg)	2,4-Dinitrophenol (mg/kg)	2-Methyl-4,6-dinitrophenol (mg/kg)
BOSD0209	SCC-01	05/17/96	0 - 2	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	6.3 *U*	1.0 *U*	6.3 *U*	6.3 *U*	6.3 *U*
BOSD0210	SCC-01	05/17/96	2 - 4	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	4.6 *U*	0.70 *U*	4.6 *U*	4.6 *U*	4.6 *U*
BOSD0211	SCC-01	05/17/96	4 - 6	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	3.7 *U*	0.60 *U*	3.7 *U*	3.7 *U*	3.7 *U*
BOSD0212	SCC-01	05/17/96	6 - 8	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	5.3 *U*	0.80 *U*	5.3 *U*	5.3 *U*	5.3 *U*
BOSD0213	SCC-01	05/17/96	8 - 10	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	4.0 *U*	0.60 *U*	4.0 *U*	4.0 *U*	4.0 *U*
BOSD0214	SCC-01	05/17/96	10 - 12	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	3.7 *U*	0.60 *U*	3.7 *U*	3.7 *U*	3.7 *U*
BOSD0216	SCC-01	05/17/96	14 - 16	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	4.3 *U*	0.60 *U*	4.3 *U*	4.3 *U*	4.3 *U*
BOSD0218	SCC-01	05/17/96	18 - 20	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	2.7 *U*	0.40 *U*	2.7 *U*	2.7 *U*	2.7 *U*
BOSD0017	SCC-02	05/17/96	0 - 2	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*	0.45 *U*	3.0 *U*	3.0 *U*	3.0 *U*
BOSD0018	SCC-02	05/17/96	2 - 4	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	4.0 *U*	0.60 *U*	4.0 *U*	4.0 *U*	4.0 *U*
BOSD0019	SCC-02	05/17/96	4 - 6	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*	0.45 *U*	3.0 *U*	3.0 *U*	3.0 *U*
BOSD0020	SCC-02	05/17/96	6 - 8	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*	0.45 *U*	3.0 *U*	3.0 *U*	3.0 *U*
BOSD0021	SCC-02	05/17/96	8 - 10	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*	0.45 *U*	3.0 *U*	3.0 *U*	3.0 *U*
BOSD0022	SCC-02	05/17/96	10 - 12	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	2.7 *UJ*	0.40 *UJ*	2.7 *UJ*	2.7 *UJ*	2.7 *UJ*
BOSD0024	SCC-02	05/17/96	14 - 16	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*	0.45 *U*	3.0 *U*	3.0 *U*	3.0 *U*
BOSD0026	SCC-02	05/17/96	18 - 20	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*	0.45 *U*	3.0 *U*	3.0 *U*	3.0 *U*
BOSD0033	SCC-03	05/15/96	0 - 2	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	3.8 *U*	0.60 *U*	3.8 *U*	3.8 *U*	3.8 *U*
BOSD0034	SCC-03	05/15/96	2 - 4	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	3.7 *U*	0.60 *U*	3.7 *U*	3.7 *U*	3.7 *U*
BOSD0035	SCC-03	05/15/96	4 - 6	0.15 *U*	0.30 *U*	0.15 *U*	0.30 *U*	0.30 *U*	1.0 *U*	0.30 *U*	1.0 *U*	2.2 *U*	2.2 *U*
BOSD0036	SCC-03	05/15/96	6 - 8	0.20 *U*	0.20 *U*	0.20 *U*	0.20 *U*	0.20 *U*	1.5 *U*	0.20 *U*	1.5 *U*	1.5 *U*	1.5 *U*
BOSD0037	SCC-03	05/15/96	8 - 10	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.0 *U*	0.30 *U*	2.0 *U*	2.0 *U*	2.0 *U*
BOSD0038	SCC-03	05/15/96	10 - 12	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.1 *U*	0.30 *U*	2.1 *U*	2.1 *U*	2.1 *U*
BOSD0040	SCC-03	05/15/96	14 - 16	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.0 *U*	0.30 *U*	2.0 *U*	2.0 *U*	2.0 *U*
BOSD0042	SCC-03	05/15/96	18 - 20	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.2 *U*	0.30 *U*	2.2 *U*	2.2 *U*	2.2 *U*
BOSD0402	SCCB-01	07/15/96	8 - 10	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*	1.0 *U*	1.0 *U*	1.0 *U*
BOSD0403	SCCB-01	07/15/96	10 - 12	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*	1.0 *U*	1.0 *U*	1.0 *U*
BOSD0405	SCCB-01	07/15/96	14 - 16	0.29 *U*	0.29 *U*	0.29 *U*	0.29 *U*	0.29 *U*	2.0 *U*	0.29 *U*	2.0 *U*	2.0 *U*	2.0 *U*
BOSD0398	SCCB-01	07/15/96	0 - 2	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*	1.0 *U*	1.0 *U*	1.0 *U*
BOSD0407	SCCB-01	07/15/96	18 - 20	0.29 *U*	0.29 *U*	0.29 *U*	0.29 *U*	0.29 *U*	2.0 *U*	0.29 *U*	2.0 *U*	2.0 *U*	2.0 *U*
BOSD0399	SCCB-01	07/15/96	2 - 4	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*	1.0 *U*	1.0 *U*	1.0 *U*
BOSD0400	SCCB-01	07/15/96	4 - 6	0.35 *U*	0.35 *U*	0.35 *U*	0.35 *U*	0.35 *U*	2.0 *U*	0.35 *U*	2.0 *U*	2.0 *U*	2.0 *U*
BOSD0401	SCCB-01	07/15/96	6 - 8	0.28 *U*	0.28 *U*	0.28 *U*	0.28 *U*	0.28 *U*	2.0 *U*	0.28 *U*	2.0 *U*	2.0 *U*	2.0 *U*
BOSD0418	SCCB-02	07/15/96	8 - 10	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*	1.0 *U*	1.0 *U*	1.0 *U*
BOSD0419	SCCB-02	07/15/96	10 - 12	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*	1.0 *U*	1.0 *U*	1.0 *U*
BOSD0421	SCCB-02	07/15/96	14 - 16	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*	1.0 *U*	1.0 *U*	1.0 *U*
BOSD0414	SCCB-02	07/15/96	0 - 2	0.36 *U*	0.36 *U*	0.36 *U*	0.36 *U*	0.36 *U*	2.0 *U*	0.36 *U*	2.0 *U*	2.0 *U*	2.0 *U*
BOSD0424	SCCB-02	07/15/96	20 - 25	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*	1.0 *U*	1.0 *U*	1.0 *U*

TABLE 1.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Substituted Phenols: 2-Chloro-phenol (mg/kg)	2,4-Dichloro-phenol (mg/kg)	4-Chloro-3-methyl-phenol (mg/kg)	2,4,6-Trichloro-phenol (mg/kg)	2,4,5-Trichloro-phenol (mg/kg)	Penta-chloro-phenol (mg/kg)	2-Nitro-phenol (mg/kg)	4-Nitro-phenol (mg/kg)	2,4-Dinitrophenol (mg/kg)	2-Methyl-4,6-dinitrophenol (mg/kg)
BOSD0415	SCCB-02	07/15/96	2 - 4	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*	1.0 *U*	1.0 *U*	1.0 *U*
BOSD0416	SCCB-02	07/15/96	4 - 6	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*	1.0 *U*	1.0 *U*	1.0 *U*
BOSD0417	SCCB-02	07/15/96	6 - 8	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*	1.0 *U*	1.0 *U*	1.0 *U*
BOSD0049	SCCD-04	05/21/96	0 - 2	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	3.5 *U*	0.50 *U*	3.5 *U*	3.5 *U*	3.5 *U*
BOSD0050	SCCD-04	05/21/96	2 - 4	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	3.8 *U*	0.60 *U*	3.8 *U*	3.8 *U*	3.8 *U*
BOSD0051	SCCD-04	05/21/96	4 - 6	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	3.3 *U*	0.50 *U*	3.3 *U*	3.3 *U*	3.3 *U*
BOSD0052	SCCD-04	05/21/96	6 - 8	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	3.4 *U*	0.50 *U*	3.4 *U*	3.4 *U*	3.4 *U*
BOSD0053	SCCD-04	05/21/96	8 - 10	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	3.3 *U*	0.50 *U*	3.3 *U*	3.3 *U*	3.3 *U*
BOSD0054	SCCD-04	05/21/96	10 - 12	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	3.5 *U*	0.50 *U*	3.5 *U*	3.5 *U*	3.5 *U*
BOSD0056	SCCD-04	05/21/96	14 - 16	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	3.4 *U*	0.50 *U*	3.4 *U*	3.4 *U*	3.4 *U*
BOSD0058	SCCD-04	05/21/96	18 - 20	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	3.7 *U*	0.60 *U*	3.7 *U*	3.7 *U*	3.7 *U*
BOSD0065	SCCD-05	05/16/96	0 - 2	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	1.9 *U*	0.30 *U*	1.9 *U*	1.9 *U*	1.9 *U*
BOSD0066	SCCD-05	05/16/96	2 - 4	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	1.8 *U*	0.30 *U*	1.8 *U*	1.8 *U*	1.8 *U*
BOSD0067	SCCD-05	05/16/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	2.9 *U*	0.40 *U*	2.9 *U*	2.9 *U*	2.9 *U*
BOSD0068	SCCD-05	05/16/96	6 - 8	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.2 *U*	0.30 *U*	2.2 *U*	2.2 *U*	2.2 *U*
BOSD0069	SCCD-05	05/16/96	8 - 10	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	3.4 *U*	0.50 *U*	3.4 *U*	3.4 *U*	3.4 *U*
BOSD0070	SCCD-05	05/16/96	10 - 12	0.90 *U*	0.90 *U*	0.90 *U*	0.90 *U*	0.90 *U*	5.7 *U*	0.90 *U*	5.7 *U*	5.7 *U*	5.7 *U*
BOSD0072	SCCD-05	05/16/96	14 - 16	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	3.9 *U*	0.60 *U*	3.9 *U*	3.9 *U*	3.9 *U*
BOSD0074	SCCD-05	05/16/96	18 - 20	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	4.0 *U*	0.60 *U*	4.0 *U*	4.0 *U*	4.0 *U*
BOSD0081	SCCD-06	05/22/96	0 - 2	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	2.5 *U*	0.40 *U*	2.5 *U*	2.5 *U*	2.5 *U*
BOSD0082	SCCD-06	05/22/96	2 - 4	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	2.5 *U*	0.40 *U*	2.5 *U*	2.5 *U*	2.5 *U*
BOSD0083	SCCD-06	05/22/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	2.4 *U*	0.40 *U*	2.4 *U*	2.4 *U*	2.4 *U*
BOSD0084	SCCD-06	05/22/96	6 - 8	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	2.5 *U*	0.40 *U*	2.5 *U*	2.5 *U*	2.5 *U*
BOSD0085	SCCD-06	05/22/96	8 - 10	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.2 *U*	0.30 *U*	2.2 *U*	2.2 *U*	2.2 *U*
BOSD0086	SCCD-06	05/22/96	10 - 12	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.2 *U*	0.30 *U*	2.2 *U*	2.2 *U*	2.2 *U*
BOSD0088	SCCD-06	05/22/96	14 - 16	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.1 *U*	0.30 *U*	2.1 *U*	2.1 *U*	2.1 *U*
BOSD0090	SCCD-06	05/22/96	18 - 20	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.2 *U*	0.30 *U*	2.2 *U*	2.2 *U*	2.2 *U*
BOSD0097	SCCD-07	05/20/96	0 - 2	2.2 *U*	2.2 *U*	2.2 *U*	2.2 *U*	2.2 *U*	13.0 *U*	2.2 *U*	13.0 *U*	13.0 *U*	13.0 *U*
BOSD0098	SCCD-07	05/20/96	2 - 4	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	3.5 *U*	0.50 *U*	3.5 *U*	3.5 *U*	3.5 *U*
BOSD0099	SCCD-07	05/20/96	4 - 6	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	6.3 *U*	1.0 *U*	6.3 *U*	6.3 *U*	6.3 *U*
BOSD0100	SCCD-07	05/20/96	6 - 8	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	7.1 *U*	1.1 *U*	7.1 *U*	7.1 *U*	7.1 *U*
BOSD0101	SCCD-07	05/20/96	8 - 10	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	3.7 *U*	0.60 *U*	3.7 *U*	3.7 *U*	3.7 *U*
BOSD0102	SCCD-07	05/20/96	10 - 12	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	6.8 *U*	1.1 *U*	6.8 *U*	6.8 *U*	6.8 *U*
BOSD0104	SCCD-07	05/20/96	14 - 16	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	4.9 *U*	0.80 *U*	4.9 *U*	4.9 *U*	4.9 *U*
BOSD0106	SCCD-07	05/20/96	18 - 20	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	4.7 *U*	0.80 *U*	4.7 *U*	4.7 *U*	4.7 *U*
BOSD0113	SCCD-08	05/22/96	0 - 2	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	3.1 *U*	0.50 *U*	3.1 *U*	3.1 *U*	3.1 *U*
BOSD0114	SCCD-08	05/22/96	2 - 4	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	3.2 *U*	0.50 *U*	3.2 *U*	3.2 *U*	3.2 *U*

TABLE 1.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Substituted Phenols: 2-Chloro-phenol (mg/kg)	2,4-Dichloro-phenol (mg/kg)	4-Chloro-3-methyl-phenol (mg/kg)	2,4,6-Trichloro-phenol (mg/kg)	2,4,5-Trichloro-phenol (mg/kg)	Penta-chloro-phenol (mg/kg)	2-Nitro-phenol (mg/kg)	4-Nitro-phenol (mg/kg)	2,4-Dinitrophenol (mg/kg)	2-Methyl-4,6-dinitrophenol (mg/kg)
BOSD0115	SCCD-08	05/22/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	2.3 *U*	0.40 *U*	2.3 *U*	2.3 *U*	2.3 *U*
BOSD0116	SCCD-08	05/22/96	6 - 8	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	2.5 *U*	0.40 *U*	2.5 *U*	2.5 *U*	2.5 *U*
BOSD0117	SCCD-08	05/22/96	8 - 10	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.0 *U*	0.30 *U*	2.0 *U*	2.0 *U*	2.0 *U*
BOSD0118	SCCD-08	05/22/96	10 - 12	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.3 *U*	0.30 *U*	2.3 *U*	2.3 *U*	2.3 *U*
BOSD0120	SCCD-08	05/22/96	14 - 16	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.3 *U*	0.30 *U*	2.3 *U*	2.3 *U*	2.3 *U*
BOSD0122	SCCD-08	05/22/96	18 - 20	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.2 *U*	0.30 *U*	2.2 *U*	2.2 *U*	2.2 *U*
BOSD0129	SCCD-09	05/20/96	0 - 2	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.3 *U*	0.30 *U*	2.3 *U*	2.3 *U*	2.3 *U*
BOSD0130	SCCD-09	05/20/96	2 - 4	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	3.8 *U*	0.60 *U*	3.8 *U*	3.8 *U*	3.8 *U*
BOSD0131	SCCD-09	05/20/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	2.7 *U*	0.40 *U*	2.7 *U*	2.7 *U*	2.7 *U*
BOSD0132	SCCD-09	05/20/96	6 - 8	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.3 *U*	0.30 *U*	2.3 *U*	2.3 *U*	2.3 *U*
BOSD0133	SCCD-09	05/20/96	8 - 10	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.1 *U*	0.30 *U*	2.1 *U*	2.1 *U*	2.1 *U*
BOSD0134	SCCD-09	05/20/96	10 - 12	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	2.4 *U*	0.40 *U*	2.4 *U*	2.4 *U*	2.4 *U*
BOSD0136	SCCD-09	05/20/96	14 - 16	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	4.1 *U*	0.60 *U*	4.1 *U*	4.1 *U*	4.1 *U*
BOSD0138	SCCD-09	05/20/96	18 - 20	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	3.4 *U*	0.50 *U*	3.4 *U*	3.4 *U*	3.4 *U*
BOSD0181	SCCD-12	07/14/96	8 - 10	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*	1.0 *U*	1.0 *U*	1.0 *U*
BOSD0182	SCCD-12	07/14/96	10 - 12	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.60 *J*	0.15 *UJ*	1.0 *UJ*	1.0 *UJ*	1.0 *UJ*
BOSD0184	SCCD-12	07/14/96	14 - 16	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	1.0 *UJ*	0.15 *UJ*	1.0 *UJ*	1.0 *UJ*	1.0 *UJ*
BOSD0177	SCCD-12	07/14/96	0 - 2	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	2.0 *UJ*	0.29 *UJ*	2.0 *UJ*	2.0 *UJ*	2.0 *UJ*
BOSD0186	SCCD-12	07/14/96	18 - 20	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	2.0 *U*	0.27 *U*	2.0 *U*	2.0 *U*	2.0 *U*
BOSD0178	SCCD-12	07/14/96	2 - 4	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	2.0 *UJ*	0.29 *UJ*	2.0 *UJ*	2.0 *UJ*	2.0 *UJ*
BOSD0179	SCCD-12	07/14/96	4 - 6	0.62 *U*	0.62 *U*	0.62 *U*	0.62 *U*	0.62 *U*	4.0 *U*	0.62 *U*	4.0 *U*	4.0 *U*	4.0 *U*
BOSD0180	SCCD-12	07/14/96	6 - 8	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	2.0 *U*	0.27 *U*	2.0 *U*	2.0 *U*	2.0 *U*
BOSD0354	SCCD-14	07/13/96	8 - 10	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*	1.0 *U*	2.0 *U*	1.0 *U*
BOSD0355	SCCD-14	07/13/96	10 - 12	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*	1.0 *U*	2.0 *U*	1.0 *U*
BOSD0357	SCCD-14	07/13/96	14 - 16	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*	3.0 *U*	0.38 *U*	3.0 *U*	6.0 *U*	3.0 *U*
BOSD0350	SCCD-14	07/13/96	0 - 2	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	1.0 *UJ*	0.15 *UJ*	1.0 *UJ*	2.0 *UJ*	1.0 *UJ*
BOSD0359	SCCD-14	07/13/96	18 - 20	0.38 *UJ*	0.38 *UJ*	0.38 *UJ*	0.38 *UJ*	0.38 *UJ*	3.0 *UJ*	0.38 *UJ*	3.0 *UJ*	6.0 *UJ*	3.0 *UJ*
BOSD0351	SCCD-14	07/13/96	2 - 4	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*	1.0 *U*	2.0 *U*	1.0 *U*
BOSD0352	SCCD-14	07/13/96	4 - 6	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*	1.0 *U*	2.0 *U*	1.0 *U*
BOSD0353	SCCD-14	07/13/96	6 - 8	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*	1.0 *U*	2.0 *U*	1.0 *U*
BOSD0370	SCCD-15	07/13/96	8 - 10	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	1.0 *UJ*	0.15 *UJ*	1.0 *UJ*	2.0 *UJ*	1.0 *UJ*
BOSD0371	SCCD-15	07/13/96	10 - 12	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*	1.0 *U*	2.0 *U*	1.0 *U*
BOSD0373	SCCD-15	07/13/96	14 - 16	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	2.0 *U*	0.26 *U*	2.0 *U*	4.0 *U*	2.0 *U*
BOSD0366	SCCD-15	07/13/96	0 - 2	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*	1.0 *U*	2.0 *U*	1.0 *U*
BOSD0375	SCCD-15	07/13/96	18 - 20	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*	2.0 *UJ*	0.26 *UJ*	2.0 *UJ*	4.0 *UJ*	2.0 *UJ*
BOSD0367	SCCD-15	07/13/96	2 - 4	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	1.0 *UJ*	0.15 *UJ*	1.0 *UJ*	2.0 *UJ*	1.0 *UJ*
BOSD0368	SCCD-15	07/13/96	4 - 6	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	1.0 *UJ*	0.15 *UJ*	1.0 *UJ*	2.0 *UJ*	1.0 *UJ*

TABLE 1.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Substituted Phenols: 2-Chloro-phenol (mg/kg)	2,4-Dichloro-phenol (mg/kg)	4-Chloro-3-methyl-phenol (mg/kg)	2,4,6-Trichloro-phenol (mg/kg)	2,4,5-Trichloro-phenol (mg/kg)	Penta-chloro-phenol (mg/kg)	2-Nitro-phenol (mg/kg)	4-Nitro-phenol (mg/kg)	2,4-Dinitrophenol (mg/kg)	2-Methyl-4,6-dinitrophenol (mg/kg)
BOSD0369	SCCD-15	07/13/96	6 - 8	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*	1.0 *U*	2.0 *U*	1.0 *U*
BOSD0001	SCM-01	05/14/96	0 - 2	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	2.9 *UJ*	2.9 *UJ*	2.9 *UJ*
BOSD0002	SCM-01	05/14/96	2 - 4	0.080 *J*	0.40 *U*	0.060 *J*	0.40 *U*	0.40 *U*	2.6 *U*	0.40 *U*	2.6 *U*	2.6 *U*	2.6 *U*
BOSD0003	SCM-01	05/14/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	2.4 *U*	0.40 *U*	2.4 *U*	2.4 *U*	2.4 *U*
BOSD0004	SCM-01	05/14/96	6 - 8	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	2.3 *U*	0.40 *U*	2.3 *U*	2.3 *U*	2.3 *U*
BOSD0005	SCM-01	05/14/96	8 - 10	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.0 *U*	0.30 *U*	2.0 *U*	2.0 *U*	2.0 *U*
BOSD0006	SCM-01	05/14/96	10 - 12	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.1 *U*	0.30 *U*	2.1 *U*	2.1 *U*	2.1 *U*
BOSD0008	SCM-01	05/14/96	14 - 16	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*	0.45 *U*	3.0 *U*	3.0 *U*	3.0 *U*
BOSD0010	SCM-01	05/14/96	18 - 20	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	3.5 *U*	0.50 *U*	3.5 *U*	3.5 *U*	3.5 *U*
BOSD0225	SCM-02	05/17/96	0 - 2	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	4.0 *U*	0.60 *U*	4.0 *U*	4.0 *U*	4.0 *U*
BOSD0226	SCM-02	05/17/96	2 - 4	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	4.4 *U*	0.70 *U*	4.4 *U*	4.4 *U*	4.4 *U*
BOSD0227	SCM-02	05/17/96	4 - 6	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	4.4 *U*	0.70 *U*	4.4 *U*	4.4 *U*	4.4 *U*
BOSD0228	SCM-02	05/17/96	6 - 8	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	3.7 *U*	0.60 *U*	3.7 *U*	3.7 *U*	3.7 *U*
BOSD0229	SCM-02	05/17/96	8 - 10	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*	0.45 *U*	3.0 *U*	3.0 *U*	3.0 *U*
BOSD0230	SCM-02	05/17/96	10 - 12	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*	0.45 *U*	3.0 *U*	3.0 *U*	3.0 *U*
BOSD0232	SCM-02	05/17/96	14 - 16	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.0 *U*	0.30 *U*	2.0 *U*	2.0 *U*	2.0 *U*
BOSD0234	SCM-02	05/17/96	18 - 20	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	2.4 *U*	0.40 *U*	2.4 *U*	2.4 *U*	2.4 *U*
BOSD0241	SCM-03	05/15/96	0 - 2	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	2.7 *U*	0.40 *U*	2.7 *U*	2.7 *U*	2.7 *U*
BOSD0242	SCM-03	05/15/96	2 - 4	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*	0.45 *U*	3.0 *U*	3.0 *U*	3.0 *U*
BOSD0243	SCM-03	05/15/96	4 - 6	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	4.0 *U*	0.60 *U*	4.0 *U*	4.0 *U*	4.0 *U*
BOSD0244	SCM-03	05/15/96	6 - 8	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*	0.45 *U*	3.0 *U*	3.0 *U*	3.0 *U*
BOSD0245	SCM-03	05/15/96	8 - 10	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*	0.45 *U*	3.0 *U*	3.0 *U*	3.0 *U*
BOSD0246	SCM-03	05/15/96	10 - 12	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	4.0 *U*	0.60 *U*	4.0 *U*	4.0 *U*	4.0 *U*
BOSD0248	SCM-03	05/15/96	14 - 16	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.0 *U*	0.30 *U*	2.0 *U*	2.0 *U*	2.0 *U*
BOSD0250	SCM-03	05/15/96	18 - 20	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.0 *U*	0.30 *U*	2.0 *U*	2.0 *U*	2.0 *U*
BOSD0386	SCMB-01	07/15/96	8 - 10	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	2.0 *U*	0.27 *U*	2.0 *U*	2.0 *U*	2.0 *U*
BOSD0387	SCMB-01	07/15/96	10 - 12	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*	2.0 *UJ*	0.26 *UJ*	2.0 *UJ*	2.0 *UJ*	2.0 *UJ*
BOSD0389	SCMB-01	07/15/96	14 - 16	0.27 *UJ*	0.27 *UJ*	0.27 *UJ*	0.27 *UJ*	0.27 *UJ*	2.0 *UJ*	0.27 *UJ*	2.0 *UJ*	2.0 *UJ*	2.0 *UJ*
BOSD0382	SCMB-01	07/15/96	0 - 2	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	2.0 *U*	0.26 *U*	2.0 *U*	2.0 *U*	2.0 *U*
BOSD0391	SCMB-01	07/15/96	18 - 20	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	2.0 *U*	0.27 *U*	2.0 *U*	2.0 *U*	2.0 *U*
BOSD0383	SCMB-01	07/15/96	2 - 4	0.25 *U*	0.25 *U*	0.25 *U*	0.25 *U*	0.25 *U*	2.0 *U*	0.25 *U*	2.0 *U*	2.0 *U*	2.0 *U*
BOSD0384	SCMB-01	07/15/96	4 - 6	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	3.0 *U*	0.39 *U*	3.0 *U*	3.0 *U*	3.0 *U*
BOSD0385	SCMB-01	07/15/96	6 - 8	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	2.0 *U*	0.26 *U*	2.0 *U*	2.0 *U*	2.0 *U*
Channel Reference													
BOSD0257	SCCR-01	05/18/96	0 - 2	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	5.6 *U*	0.80 *U*	5.6 *U*	5.6 *U*	5.6 *U*
BOSD0258	SCCR-01	05/18/96	2 - 4	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	3.4 *U*	0.50 *U*	3.4 *U*	3.4 *U*	3.4 *U*
BOSD0259	SCCR-01	05/18/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	3.0 *U*	0.40 *U*	3.0 *U*	3.0 *U*	3.0 *U*

TABLE 4.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Substituted Phenols: 2-Chloro-phenol (mg/kg)	2,4-Dichloro-phenol (mg/kg)	4-Chloro-3-methyl-phenol (mg/kg)	2,4,6-Trichloro-phenol (mg/kg)	2,4,5-Trichloro-phenol (mg/kg)	Penta-chloro-phenol (mg/kg)	2-Nitro-phenol (mg/kg)	4-Nitro-phenol (mg/kg)	2,4-Dinitrophenol (mg/kg)	2-Methyl-4,6-dinitrophenol (mg/kg)
BOSD0260	SCCR-01	05/18/96	6 - 8	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	3.0 *U*	0.40 *U*	3.0 *U*	3.0 *U*	3.0 *U*
BOSD0261	SCCR-01	05/18/96	8 - 10	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	3.1 *U*	0.50 *U*	3.1 *U*	3.1 *U*	3.1 *U*
BOSD0262	SCCR-01	05/18/96	10 - 12	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	3.2 *U*	0.50 *U*	3.2 *U*	3.2 *U*	3.2 *U*
BOSD0264	SCCR-01	05/18/96	14 - 16	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	2.8 *U*	0.40 *U*	2.8 *U*	2.8 *U*	2.8 *U*
BOSD0266	SCCR-01	05/18/96	18 - 20	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	2.7 *U*	0.40 *U*	2.7 *U*	2.7 *U*	2.7 *U*
Marsh Reference													
BOSD0273	SCMR-01	05/18/96	0 - 2	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*	0.45 *U*	3.0 *U*	3.0 *U*	3.0 *U*
BOSD0274	SCMR-01	05/18/96	2 - 4	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*	0.45 *U*	3.0 *U*	3.0 *U*	3.0 *U*
BOSD0275	SCMR-01	05/18/96	4 - 6	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*	0.45 *U*	3.0 *U*	3.0 *U*	3.0 *U*
BOSD0276	SCMR-01	05/18/96	6 - 8	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	4.0 *U*	0.60 *U*	4.0 *U*	4.0 *U*	4.0 *U*
BOSD0277	SCMR-01	05/18/96	8 - 10	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	4.0 *U*	0.60 *U*	4.0 *U*	4.0 *U*	4.0 *U*
BOSD0278	SCMR-01	05/18/96	10 - 12	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	4.0 *U*	0.60 *U*	4.0 *U*	4.0 *U*	4.0 *U*
BOSD0280	SCMR-01	05/18/96	14 - 16	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*	0.45 *U*	3.0 *U*	3.0 *U*	3.0 *U*
BOSD0282	SCMR-01	05/18/96	18 - 20	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	3.6 *U*	0.50 *U*	3.6 *U*	3.6 *U*	3.6 *U*

TABLE 1.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Chlorinated Aliphatic Hydrocarbons: Hexachloro-ethane (mg/kg)	Hexachloro-butadiene (mg/kg)	Hexachloro-cyclopenta-diene (mg/kg)	Halogenated Ethers: Bis(2-chloro-ethyl)-ether (mg/kg)	Bis(2-chloro-isopropyl)-ether (mg/kg)	4-Chloro phenyl-phenyl ether (mg/kg)	4-Bromo phenyl-phenyl ether (mg/kg)	Bis(2-chloro-ethoxy)-methane (mg/kg)
BOSD0209	SCC-01	05/17/96	0 - 2	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*
BOSD0210	SCC-01	05/17/96	2 - 4	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*
BOSD0211	SCC-01	05/17/96	4 - 6	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0212	SCC-01	05/17/96	6 - 8	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*
BOSD0213	SCC-01	05/17/96	8 - 10	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0214	SCC-01	05/17/96	10 - 12	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0216	SCC-01	05/17/96	14 - 16	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0218	SCC-01	05/17/96	18 - 20	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0017	SCC-02	05/17/96	0 - 2	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0018	SCC-02	05/17/96	2 - 4	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0019	SCC-02	05/17/96	4 - 6	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0020	SCC-02	05/17/96	6 - 8	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0021	SCC-02	05/17/96	8 - 10	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0022	SCC-02	05/17/96	10 - 12	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*
BOSD0024	SCC-02	05/17/96	14 - 16	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0026	SCC-02	05/17/96	18 - 20	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0033	SCC-03	05/15/96	0 - 2	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0034	SCC-03	05/15/96	2 - 4	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0035	SCC-03	05/15/96	4 - 6	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0036	SCC-03	05/15/96	6 - 8	0.20 *U*	0.20 *U*	0.20 *U*	0.20 *U*	0.20 *U*	0.20 *U*	0.20 *U*	0.20 *U*
BOSD0037	SCC-03	05/15/96	8 - 10	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0038	SCC-03	05/15/96	10 - 12	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0040	SCC-03	05/15/96	14 - 16	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0042	SCC-03	05/15/96	18 - 20	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0402	SCCB-01	07/15/96	8 - 10	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0403	SCCB-01	07/15/96	10 - 12	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0405	SCCB-01	07/15/96	14 - 16	0.29 *U*	0.29 *U*	0.29 *U*	0.29 *U*	0.29 *U*	0.29 *U*	0.29 *U*	0.29 *U*
BOSD0398	SCCB-01	07/15/96	0 - 2	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0407	SCCB-01	07/15/96	18 - 20	0.29 *U*	0.29 *U*	0.29 *U*	0.29 *U*	0.29 *U*	0.29 *U*	0.29 *U*	0.29 *U*
BOSD0399	SCCB-01	07/15/96	2 - 4	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0400	SCCB-01	07/15/96	4 - 6	0.35 *U*	0.35 *U*	0.35 *U*	0.35 *U*	0.35 *U*	0.35 *U*	0.35 *U*	0.35 *U*
BOSD0401	SCCB-01	07/15/96	6 - 8	0.28 *U*	0.28 *U*	0.28 *U*	0.28 *U*	0.28 *U*	0.28 *U*	0.28 *U*	0.28 *U*
BOSD0418	SCCB-02	07/15/96	8 - 10	0.15 *U*	0.15 *U*	0.15 *UJ*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0419	SCCB-02	07/15/96	10 - 12	0.15 *U*	0.15 *U*	0.15 *UJ*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0421	SCCB-02	07/15/96	14 - 16	0.15 *U*	0.15 *U*	0.15 *UJ*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0414	SCCB-02	07/15/96	0 - 2	0.36 *U*	0.36 *U*	0.36 *UJ*	0.36 *U*	0.36 *U*	0.36 *U*	0.36 *U*	0.36 *U*
BOSD0424	SCCB-02	07/15/96	20 - 25	0.15 *U*	0.15 *U*	0.15 *UJ*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*

TABLE 1.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Chlorinated Aliphatic Hydrocarbons: Hexachloro-ethane (mg/kg)	Hexachloro-butadiene (mg/kg)	Hexachloro-cyclopenta-diene (mg/kg)	Halogenated Ethers: Bis(2-chloro-ethyl)-ether (mg/kg)	Bis(2-chloro-isopropyl)-ether (mg/kg)	4-Chloro phenyl-phenyl ether (mg/kg)	4-Bromo phenyl-phenyl ether (mg/kg)	Bis(2-chloro-ethoxy)-methane (mg/kg)
BOSD0415	SCCB-02	07/15/96	2 - 4	0.15 *U*	0.15 *U*	0.15 *UJ*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0416	SCCB-02	07/15/96	4 - 6	0.15 *U*	0.15 *U*	0.15 *UJ*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0417	SCCB-02	07/15/96	6 - 8	0.15 *U*	0.15 *U*	0.15 *UJ*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0049	SCCD-04	05/21/96	0 - 2	0.50 *U*	0.50 *U*	0.50 *UJ*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0050	SCCD-04	05/21/96	2 - 4	0.60 *U*	0.60 *U*	0.60 *UJ*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0051	SCCD-04	05/21/96	4 - 6	0.50 *U*	0.50 *U*	0.50 *UJ*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0052	SCCD-04	05/21/96	6 - 8	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0053	SCCD-04	05/21/96	8 - 10	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0054	SCCD-04	05/21/96	10 - 12	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0056	SCCD-04	05/21/96	14 - 16	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0058	SCCD-04	05/21/96	18 - 20	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0065	SCCD-05	05/16/96	0 - 2	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0066	SCCD-05	05/16/96	2 - 4	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0067	SCCD-05	05/16/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0068	SCCD-05	05/16/96	6 - 8	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0069	SCCD-05	05/16/96	8 - 10	0.50 *U*	0.50 *U*	0.50 *UJ*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0070	SCCD-05	05/16/96	10 - 12	0.90 *U*	0.90 *U*	0.90 *UJ*	0.90 *U*	0.90 *U*	0.90 *U*	0.90 *U*	0.90 *U*
BOSD0072	SCCD-05	05/16/96	14 - 16	0.60 *U*	0.60 *U*	0.60 *UJ*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0074	SCCD-05	05/16/96	18 - 20	0.60 *U*	0.60 *U*	0.60 *UJ*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0081	SCCD-06	05/22/96	0 - 2	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0082	SCCD-06	05/22/96	2 - 4	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0083	SCCD-06	05/22/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0084	SCCD-06	05/22/96	6 - 8	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0085	SCCD-06	05/22/96	8 - 10	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0086	SCCD-06	05/22/96	10 - 12	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0088	SCCD-06	05/22/96	14 - 16	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0090	SCCD-06	05/22/96	18 - 20	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0097	SCCD-07	05/20/96	0 - 2	2.2 *U*	2.2 *U*	2.2 *U*	2.2 *U*	2.2 *U*	2.2 *U*	2.2 *U*	2.2 *U*
BOSD0098	SCCD-07	05/20/96	2 - 4	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0099	SCCD-07	05/20/96	4 - 6	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*
BOSD0100	SCCD-07	05/20/96	6 - 8	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*
BOSD0101	SCCD-07	05/20/96	8 - 10	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0102	SCCD-07	05/20/96	10 - 12	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*
BOSD0104	SCCD-07	05/20/96	14 - 16	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*
BOSD0106	SCCD-07	05/20/96	18 - 20	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*
BOSD0113	SCCD-08	05/22/96	0 - 2	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0114	SCCD-08	05/22/96	2 - 4	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*

TABLE 1.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Chlorinated Aliphatic Hydrocarbons: Hexachloro-ethane (mg/kg)	Hexachloro-butadiene (mg/kg)	Hexachloro-cyclopenta-diene (mg/kg)	Halogenated Ethers: Bis(2-chloro-ethyl)-ether (mg/kg)	Bis(2-chloro-isopropyl)-ether (mg/kg)	4-Chloro phenyl-phenyl ether (mg/kg)	4-Bromo phenyl-phenyl ether (mg/kg)	Bis(2-chloro-ethoxy)-methane (mg/kg)
BOSD0115	SCCD-08	05/22/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0116	SCCD-08	05/22/96	6 - 8	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0117	SCCD-08	05/22/96	8 - 10	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0118	SCCD-08	05/22/96	10 - 12	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0120	SCCD-08	05/22/96	14 - 16	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0122	SCCD-08	05/22/96	18 - 20	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0129	SCCD-09	05/20/96	0 - 2	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0130	SCCD-09	05/20/96	2 - 4	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0131	SCCD-09	05/20/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0132	SCCD-09	05/20/96	6 - 8	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0133	SCCD-09	05/20/96	8 - 10	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0134	SCCD-09	05/20/96	10 - 12	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0136	SCCD-09	05/20/96	14 - 16	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
8OSD0138	SCCD-09	05/20/96	18 - 20	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0181	SCCD-12	07/14/96	8 - 10	0.15 *U*	0.15 *U*	0.15 *UJ*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0182	SCCD-12	07/14/96	10 - 12	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*
BOSD01B4	SCCD-12	07/14/96	14 - 16	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*
BOSD0177	SCCD-12	07/14/96	0 - 2	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*
BOSD0186	SCCD-12	07/14/96	18 - 20	0.27 *U*	0.27 *U*	0.27 *UJ*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*
BOSD0178	SCCD-12	07/14/96	2 - 4	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*
BOSD0179	SCCD-12	07/14/96	4 - 6	0.62 *U*	0.62 *U*	0.62 *UJ*	0.62 *U*	0.62 *U*	0.62 *U*	0.62 *U*	0.62 *U*
BOSD0180	SCCD-12	07/14/96	6 - 8	0.27 *U*	0.27 *U*	0.27 *UJ*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*
BOSD0354	SCCD-14	07/13/96	8 - 10	0.15 *U*	0.15 *U*	0.15 *UJ*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0355	SCCD-14	07/13/96	10 - 12	0.15 *U*	0.15 *U*	0.15 *UJ*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0357	SCCD-14	07/13/96	14 - 16	0.38 *U*	0.38 *U*	0.38 *UJ*	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*
BOSD0350	SCCD-14	07/13/96	0 - 2	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*
BOSD0359	SCCD-14	07/13/96	18 - 20	0.38 *U*	0.38 *U*	0.38 *UJ*	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*
BOSD0351	SCCD-14	07/13/96	2 - 4	0.15 *U*	0.15 *U*	0.15 *UJ*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0352	SCCD-14	07/13/96	4 - 6	0.15 *U*	0 15 *U*	0.15 *UJ*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0353	SCCD-14	07/13/96	6 - 8	0.15 *U*	0.15 *U*	0.15 *UJ*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0370	SCCD-15	07/13/96	8 - 10	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*
BOSD0371	SCCD-15	07/13/96	10 - 12	0.15 *U*	0.15 *U*	0.15 *UJ*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0373	SCCD-15	07/13/96	14 - 16	0.26 *U*	0.26 *U*	0.26 *UJ*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*
BOSD0366	SCCD-15	07/13/96	0 - 2	0.15 *U*	0.15 *U*	0.15 *UJ*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0375	SCCD-15	07/13/96	18 - 20	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*
BOSD0367	SCCD-15	07/13/96	2 - 4	0.15 *U*	0.15 *U*	0.15 *UJ*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0368	SCCD-15	07/13/96	4 - 6	0.15 *U*	0.15 *U*	0.15 *UJ*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*

TABLE 1.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Chlorinated Aliphatic Hydrocarbons: Hexachloro-ethane (mg/kg)	Hexachloro-butadiene (mg/kg)	Hexachloro-cyclopenta-diene (mg/kg)	Halogenated Ethers: Bis[2-chloro-ethyl]-ether (mg/kg)	Bis(2-chloro-isopropyl)-ether (mg/kg)	4-Chloro phenyl-phenyl ether (mg/kg)	4-Bromo phenyl-phenyl ether (mg/kg)	Bis(2-chloro-ethoxy)-methane (mg/kg)
BOSD0369	SCCD-15	07/13/96	6 - 8	0.15 *U*	0.15 *U*	0.15 *UJ*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*
BOSD0001	SCM-01	05/14/96	0 - 2	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*
BOSD0002	SCM-01	05/14/96	2 - 4	0.40 *U*	0.40 *U*	0.40 *UJ*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0003	SCM-01	05/14/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *UJ*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0004	SCM-01	05/14/96	6 - 8	0.40 *U*	0.40 *U*	0.40 *UJ*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0005	SCM-01	05/14/96	8 - 10	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0006	SCM-01	05/14/96	10 - 12	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0008	SCM-01	05/14/96	14 - 16	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0010	SCM-01	05/14/96	18 - 20	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0225	SCM-02	05/17/96	0 - 2	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0226	SCM-02	05/17/96	2 - 4	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*
BOSD0227	SCM-02	05/17/96	4 - 6	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*
BOSD0228	SCM-02	05/17/96	6 - 8	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0229	SCM-02	05/17/96	8 - 10	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0230	SCM-02	05/17/96	10 - 12	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0232	SCM-02	05/17/96	14 - 16	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0234	SCM-02	05/17/96	18 - 20	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0241	SCM-03	05/15/96	0 - 2	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0242	SCM-03	05/15/96	2 - 4	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0243	SCM-03	05/15/96	4 - 6	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0244	SCM-03	05/15/96	6 - 8	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0245	SCM-03	05/15/96	8 - 10	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0246	SCM-03	05/15/96	10 - 12	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0248	SCM-03	05/15/96	14 - 16	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0250	SCM-03	05/15/96	18 - 20	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*
BOSD0386	SCMB-01	07/15/96	8 - 10	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*
BOSD0387	SCMB-01	07/15/96	10 - 12	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*
BOSD0389	SCMB-01	07/15/96	14 - 16	0.27 *UJ*	0.27 *UJ*	0.27 *UJ*	0.27 *UJ*	0.27 *UJ*	0.27 *UJ*	0.27 *UJ*	0.27 *UJ*
BOSD0382	SCMB-01	07/15/96	0 - 2	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*
BOSD0391	SCMB-01	07/15/96	18 - 20	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*
BOSD0383	SCMB-01	07/15/96	2 - 4	0.25 *U*	0.25 *U*	0.25 *U*	0.25 *U*	0.25 *U*	0.25 *U*	0.25 *U*	0.25 *U*
BOSD0384	SCMB-01	07/15/96	4 - 6	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*
BOSD0385	SCMB-01	07/15/96	6 - 8	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*
Channel Reference											
BOSD0257	SCCR-01	05/18/96	0 - 2	0.80 *U*	0.80 *U*	0.80 *UJ*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*
BOSD0258	SCCR-01	05/18/96	2 - 4	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0259	SCCR-01	05/18/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *UJ*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*

TABLE 1.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Chlorinated Aliphatic Hydrocarbons: Hexachloro-ethane (mg/kg)	Hexachloro-butadiene (mg/kg)	Hexachloro-cyclopenta-diene (mg/kg)	Halogenated Ethers: Bis[2-chloro-ethyl]-ether (mg/kg)	Bis(2-chloro-isopropyl)-ether (mg/kg)	4-Chloro phenyl-phenyl ether (mg/kg)	4-Bromo phenyl-phenyl ether (mg/kg)	Bis(2-chloro-ethoxy)-methane (mg/kg)
BOSD0260	SCCR-01	05/18/96	6 - 8	0.40 *U*	0.40 *U*	0.40 *UJ*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0261	SCCR-01	05/18/96	8 - 10	0.50 *U*	0.50 *U*	0.50 *UJ*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0262	SCCR-01	05/18/96	10 - 12	0.50 *U*	0.50 *U*	0.50 *UJ*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*
BOSD0264	SCCR-01	05/18/96	14 - 16	0.40 *U*	0.40 *U*	0.40 *UJ*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
BOSD0266	SCCR-01	05/18/96	18 - 20	0.40 *U*	0.40 *U*	0.40 *UJ*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*
Marsh Reference											
BOSD0273	SCMR-01	05/18/96	0 - 2	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0274	SCMR-01	05/18/96	2 - 4	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0275	SCMR-01	05/18/96	4 - 6	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0276	SCMR-01	05/18/96	6 - 8	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0277	SCMR-01	05/18/96	8 - 10	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0278	SCMR-01	05/18/96	10 - 12	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*
BOSD0280	SCMR-01	05/18/96	14 - 16	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*
BOSD0282	SCMR-01	05/18/96	18 - 20	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*

TABLE 1.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Phthalates: Dimethyl phthalate (mg/kg)	Diethyl phthalate (mg/kg)	Di-n-butyl phthalate (mg/kg)	Butylbenzyl phthalate (mg/kg)	Bis[2-ethylhexyl]-phthalate (mg/kg)	Di-n-octyl phthalate (mg/kg)	Miscellaneous Oxygenated Compounds: Isophorone (mg/kg)	Benzyl alcohol (mg/kg)	Benzoic acid (mg/kg)	Dibenzofuran (mg/kg)
BOSD0209	SCC-01	05/17/96	0 - 2	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	0.60 *J*	1.0 *U*	1.0 *U*	1.0 *U*	6.3 *U*	1.0 *U*
BOSD0210	SCC-01	05/17/96	2 - 4	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.50 *J*	0.70 *U*	0.70 *U*	0.70 *U*	4.6 *U*	0.70 *U*
BOSD0211	SCC-01	05/17/96	4 - 6	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	2.0	0.60 *U*	0.60 *U*	0.60 *U*	3.7 *U*	0.60 *U*
BOSD0212	SCC-01	05/17/96	6 - 8	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.70 *J*	0.80 *U*	0.80 *U*	0.80 *U*	5.3 *U*	0.80 *U*
BOSD0213	SCC-01	05/17/96	8 - 10	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	2.3	0.60 *U*	0.60 *U*	0.60 *U*	4.0 *U*	0.60 *U*
BOSD0214	SCC-01	05/17/96	10 - 12	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	1.4	0.60 *U*	0.60 *U*	0.60 *U*	3.7 *U*	0.60 *U*
BOSD0216	SCC-01	05/17/96	14 - 16	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.90	0.60 *U*	0.60 *U*	0.60 *U*	4.3 *U*	0.60 *U*
BOSD0218	SCC-01	05/17/96	18 - 20	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.60	0.40 *U*	0.40 *U*	0.40 *U*	2.7 *U*	0.40 *U*
BOSD0017	SCC-02	05/17/96	0 - 2	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*	0.45 *U*
BOSD0018	SCC-02	05/17/96	2 - 4	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	4.0 *U*	0.60 *U*
BOSD0019	SCC-02	05/17/96	4 - 6	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*	0.45 *U*
BOSD0020	SCC-02	05/17/96	6 - 8	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.10 *J*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*	0.45 *U*
BOSD0021	SCC-02	05/17/96	8 - 10	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*	0.45 *U*
BOSD0022	SCC-02	05/17/96	10 - 12	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	2.7 *UJ*	0.40 *UJ*
BOSD0024	SCC-02	05/17/96	14 - 16	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.10 *J*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*	0.45 *U*
BOSD0026	SCC-02	05/17/96	18 - 20	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*	0.45 *U*
BOSD0033	SCC-03	05/15/96	0 - 2	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.40 *J*	0.60 *U*	0.60 *U*	0.60 *U*	3.8 *U*	0.60 *U*
BOSD0034	SCC-03	05/15/96	2 - 4	0.60 *U*	0.60 *U*	0.60 *U*	0.20 *J*	0.96	0.60 *U*	0.60 *U*	0.60 *U*	3.7 *U*	0.60 *U*
BOSD0035	SCC-03	05/15/96	4 - 6	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.51	0.30 *U*	0.30 *U*	0.30 *U*	2.2 *U*	0.30 *U*
BOSD0036	SCC-03	05/15/96	6 - 8	0.20 *U*	0.20 *U*	0.20 *U*	0.20 *U*	3.5	0.20 *U*	0.20 *U*	0.20 *U*	1.5 *U*	0.20 *U*
BOSD0037	SCC-03	05/15/96	8 - 10	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.10 *J*	0.30 *U*	0.30 *U*	0.30 *U*	2.0 *U*	0.30 *U*
BOSD0038	SCC-03	05/15/96	10 - 12	0.30 *U*	0.30 *U*	0.050 *J*	0.060 *J*	3.4	0.30 *U*	0.30 *U*	0.30 *U*	2.1 *U*	0.30 *U*
BOSD0040	SCC-03	05/15/96	14 - 16	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.20 *J*	0.30 *U*	0.30 *U*	0.30 *U*	2.0 *U*	0.30 *U*
BOSD0042	SCC-03	05/15/96	18 - 20	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	1.1	0.30 *U*	0.30 *U*	0.30 *U*	2.2 *U*	0.30 *U*
BOSD0402	SCCB-01	07/15/96	8 - 10	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.21 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*
BOSD0403	SCCB-01	07/15/96	10 - 12	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.19 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*
BOSD0405	SCCB-01	07/15/96	14 - 16	0.29 *U*	0.29 *U*	0.29 *U*	0.29 *U*	0.48 *U*	0.29 *U*	0.29 *U*	0.29 *U*	2.0 *U*	0.29 *U*
BOSD0398	SCCB-01	07/15/96	0 - 2	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.28 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*
BOSD0407	SCCB-01	07/15/96	18 - 20	0.29 *U*	0.29 *U*	0.29 *U*	0.29 *U*	0.20 *U*	0.29 *U*	0.29 *U*	0.29 *U*	2.0 *U*	0.29 *U*
BOSD0399	SCCB-01	07/15/96	2 - 4	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.24 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*
BOSD0400	SCCB-01	07/15/96	4 - 6	0.35 *U*	0.35 *U*	0.35 *U*	0.35 *U*	0.37 *U*	0.35 *U*	0.35 *U*	0.35 *U*	2.0 *U*	0.35 *U*
BOSD0401	SCCB-01	07/15/96	6 - 8	0.28 *U*	0.28 *U*	0.28 *U*	0.28 *U*	0.17 *U*	0.28 *U*	0.28 *U*	0.28 *U*	2.0 *U*	0.28 *U*
BOSD0418	SCCB-02	07/15/96	8 - 10	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.50 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*
BOSD0419	SCCB-02	07/15/96	10 - 12	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.40 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*
BOSD0421	SCCB-02	07/15/96	14 - 16	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.60 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*
BOSD0414	SCCB-02	07/15/96	0 - 2	0.36 *U*	0.36 *U*	0.36 *U*	0.36 *U*	0.60 *U*	0.36 *U*	0.36 *U*	0.36 *U*	2.0 *U*	0.36 *U*
BOSD0424	SCCB-02	07/15/96	20 - 25	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.20 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*

TABLE 1.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Phthalates: Dimethyl phthalate (mg/kg)	Diethyl phthalate (mg/kg)	Di-n-butyl phthalate (mg/kg)	Butylbenzyl phthalate (mg/kg)	Bis[2-ethylhexyl]-phthalate (mg/kg)	Di-n-octyl phthalate (mg/kg)	Miscellaneous Oxygenated Compounds: Isophorone (mg/kg)	Benzyl alcohol (mg/kg)	Benzoic acid (mg/kg)	Dibenzofuran (mg/kg)
BOSD0415	SCCB-02	07/15/96	2 - 4	0.15 U	0.15 U	0.15 U	0.15 U	0.20 U	0.15 U	0.15 U	0.15 U	1.0 U	0.15 U
BOSD0416	SCCB-02	07/15/96	4 - 6	0.15 U	0.15 U	0.15 U	0.15 U	0.10 U	0.15 U	0.15 U	0.15 U	1.0 U	0.15 U
BOSD0417	SCCB-02	07/15/96	6 - 8	0.15 U	0.15 U	0.15 U	0.15 U	0.30 U	0.15 U	0.15 U	0.15 U	1.0 U	0.15 U
BOSD0049	SCCD-04	05/21/96	0 - 2	0.50 U	0.50 U	0.20 J	0.30 J	13.0	0.50 U	0.50 U	0.50 U	3.5 UJ	0.50 U
BOSD0050	SCCD-04	05/21/96	2 - 4	0.60 U	0.60 U	0.20 J	0.20 J	11.0	0.60 U	0.60 U	0.60 U	3.8 UJ	0.60 U
BOSD0051	SCCD-04	05/21/96	4 - 6	0.50 U	0.50 U	0.060 J	0.50 U	4.4	0.50 U	0.50 U	0.50 U	3.3 UJ	0.50 U
BOSD0052	SCCD-04	05/21/96	6 - 8	0.50 U	0.50 U	0.50 U	0.50 U	3.1	0.50 U	0.50 U	0.50 U	3.4 UJ	0.50 U
BOSD0053	SCCD-04	05/21/96	8 - 10	0.50 U	0.50 U	0.50 U	0.50 U	1.1	0.50 U	0.50 U	0.50 U	3.3 UJ	0.50 U
BOSD0054	SCCD-04	05/21/96	10 - 12	0.50 U	0.50 U	0.50 U	0.50 U	0.50 J	0.50 U	0.50 U	0.50 U	3.5 UJ	0.50 U
BOSD0056	SCCD-04	05/21/96	14 - 16	0.50 U	0.50 U	0.50 U	0.50 U	2.0	0.50 U	0.50 U	0.50 U	3.4 UJ	0.50 U
BOSD005B	SCCD-04	05/21/96	18 - 20	0.60 U	0.60 U	0.60 U	0.60 U	0.60 J	0.60 U	0.60 U	0.60 U	3.7 UJ	0.60 U
BOSD0065	SCCD-05	05/16/96	0 - 2	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	1.9 U	0.30 U
BOSD0066	SCCD-05	05/16/96	2 - 4	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	1.8 U	0.30 U
BOSD0067	SCCD-05	05/16/96	4 - 6	0.40 U	0.40 U	0.40 U	0.40 U	0.050 J	0.40 U	0.40 U	0.40 U	2.9 U	0.40 U
BOSD0068	SCCD-05	05/16/96	6 - 8	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	2.2 U	0.30 U
BOSD0069	SCCD-05	05/16/96	8 - 10	0.50 U	0.50 U	0.50 U	0.50 U	1.0	0.50 U	0.50 U	0.50 U	3.4 UJ	0.50 U
BOSD0070	SCCD-05	05/16/96	10 - 12	0.90 U	0.90 U	0.90 U	0.90 U	1.5	0.90 U	0.90 U	0.90 U	5.7 UJ	0.90 U
BOSD0072	SCCD-05	05/16/96	14 - 16	0.60 U	0.60 U	0.30 J	0.40 J	18.0	0.60 U	0.60 U	0.60 U	3.9 UJ	0.60 U
BOSD0074	SCCD-05	05/16/96	18 - 20	0.60 U	0.60 U	0.60 U	0.60 U	1.7	0.60 U	0.60 U	0.60 U	4.0 UJ	0.60 U
BOSD0081	SCCD-06	05/22/96	0 - 2	0.40 U	0.40 U	0.40 U	0.40 U	0.20	0.40 U	0.40 U	0.40 U	2.5 U	0.40 U
BOSD0082	SCCD-06	05/22/96	2 - 4	0.40 U	0.40 U	0.40 U	0.40 U	0.050 J	0.40 U	0.40 U	0.40 U	2.5 U	0.40 U
BOSD0083	SCCD-06	05/22/96	4 - 6	0.40 U	0.40 U	0.40 U	0.40 U	0.050 J	0.40 U	0.40 U	0.40 U	2.4 U	0.40 U
BOSD0084	SCCD-06	05/22/96	6 - 8	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	2.5 U	0.40 U
BOSD0085	SCCD-06	05/22/96	8 - 10	0.30 U	0.30 U	0.30 U	0.30 U	0.050 J	0.30 U	0.30 U	0.30 U	2.2 U	0.30 U
BOSD0086	SCCD-06	05/22/96	10 - 12	0.30 U	0.30 U	0.30 U	0.30 U	0.060 J	0.30 U	0.30 U	0.30 U	2.2 U	0.30 U
BOSD0088	SCCD-06	05/22/96	14 - 16	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	2.1 U	0.30 U
BOSD0090	SCCD-06	05/22/96	18 - 20	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	2.2 U	0.30 U
BOSD0097	SCCD-07	05/20/96	0 - 2	2.2 U	2.2 U	2.2 U	2.2 U	3.1	2.2 U	2.2 U	2.2 U	13.0 U	2.2 U
BOSD0098	SCCD-07	05/20/96	2 - 4	0.50 U	0.50 U	0.50 U	0.50 U	0.60	0.50 U	0.50 U	0.50 U	3.5 U	0.50 U
BOSD0099	SCCD-07	05/20/96	4 - 6	1.0 U	1.0 U	1.0 U	1.0 U	0.40 J	1.0 U	1.0 U	1.0 U	6.3 U	1.0 U
BOSD0100	SCCD-07	05/20/96	6 - 8	1.1 U	1.1 U	1.1 U	1.1 U	1.1	1.1 U	1.1 U	1.1 U	7.1 U	1.1 U
BOSD0101	SCCD-07	05/20/96	8 - 10	0.60 U	0.60 U	0.60 U	0.60 U	2.8	0.60 U	0.60 U	0.60 U	3.7 U	0.60 U
BOSD0102	SCCD-07	05/20/96	10 - 12	1.1 U	1.1 U	1.1 U	1.1 U	1.0	1.1 U	1.1 U	1.1 U	6.8 U	1.1 U
BOSD0104	SCCD-07	05/20/96	14 - 16	0.80 U	0.80 U	0.80 U	0.80 U	0.30 J	0.80 U	0.80 U	0.80 U	4.9 U	0.050 J
BOSD0106	SCCD-07	05/20/96	18 - 20	0.80 U	0.80 U	0.80 U	0.80 U	0.30 J	0.80 U	0.80 U	0.80 U	4.7 U	0.80 U
BOSD0113	SCCD-08	05/22/96	0 - 2	0.50 U	0.50 U	0.50 U	0.50 U	0.060 J	0.50 U	0.50 U	3.1 U	3.1 UJ	0.50 U
BOSD0114	SCCD-08	05/22/96	2 - 4	0.50 U	0.50 U	0.50 U	0.50 U	0.20 J	0.50 U	0.50 U	3.2 U	3.2 UJ	0.50 U

TABLE 1.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Phthalates: Dimethyl phthalate (mg/kg)	Diethyl phthalate (mg/kg)	Di-n-butyl phthalate (mg/kg)	Butylbenzyl phthalate (mg/kg)	Bis(2-ethylhexyl)-phthalate (mg/kg)	Di-n-octyl phthalate (mg/kg)	Miscellaneous Oxygenated Compounds: Isophorone (mg/kg)	Benzyl alcohol (mg/kg)	Benzoic acid (mg/kg)	Dibenzofuran (mg/kg)
BOSD0115	SCCD-08	05/22/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.070 *J*	0.40 *U*	0.40 *U*	2.3 *U*	2.3 *UJ*	0.40 *U*
BOSD0116	SCCD-08	05/22/96	6 - 8	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	2.5 *U*	2.5 *UJ*	0.40 *U*
BOSD0117	SCCD-08	05/22/96	8 - 10	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.0 *U*	2.0 *UJ*	0.30 *U*
BOSD0118	SCCD-08	05/22/96	10 - 12	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.050 *J*	0.30 *U*	0.30 *U*	2.3 *U*	2.3 *U*	0.30 *U*
BOSD0120	SCCD-08	05/22/96	14 - 16	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.070 *J*	0.30 *U*	0.30 *U*	0.30 *U*	2.3 *U*	0.30 *U*
BOSD0122	SCCD-08	05/22/96	18 - 20	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.080 *J*	0.30 *U*	0.30 *U*	0.30 *U*	2.2 *U*	0.30 *U*
BOSD0129	SCCD-09	05/20/96	0 - 2	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.50	0.30 *U*	0.30 *U*	0.30 *U*	2.3 *UJ*	0.30 *U*
BOSD0130	SCCD-09	05/20/96	2 - 4	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.70	0.60 *U*	0.60 *U*	0.60 *U*	3.8 *UJ*	0.60 *U*
BOSD0131	SCCD-09	05/20/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40	0.40 *U*	0.40 *U*	0.40 *U*	2.7 *UJ*	0.40 *U*
BOSD0132	SCCD-09	05/20/96	6 - 8	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *J*	0.30 *U*	0.30 *U*	0.30 *U*	2.3 *UJ*	0.30 *U*
BOSD0133	SCCD-09	05/20/96	8 - 10	0.30 *U*	0.30 *U*	0.50 *U*	0.30 *U*	1.2	0.30 *U*	0.30 *U*	0.30 *U*	2.1 *UJ*	0.30 *U*
BOSD0134	SCCD-09	05/20/96	10 - 12	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.50	0.40 *U*	0.40 *U*	0.40 *U*	2.4 *UJ*	0.40 *U*
BOSD0136	SCCD-09	05/20/96	14 - 16	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	1.4	0.60 *U*	0.60 *U*	0.60 *U*	4.1 *UJ*	0.60 *U*
BOSD0138	SCCD-09	05/20/96	18 - 20	0.50 *U*	0.50 *U*	0.50 *U*	0.20 *J*	0.60	0.50 *U*	0.50 *U*	0.50 *U*	3.4 *UJ*	0.50 *U*
BOSD0181	SCCD-12	07/14/96	8 - 10	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.10 *J*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*
BOSD0182	SCCD-12	07/14/96	10 - 12	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.10 *J*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	1.0 *UJ*	0.15 *UJ*
BOSD0184	SCCD-12	07/14/96	14 - 16	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.10 *J*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	1.0 *UJ*	0.15 *UJ*
BOSD0177	SCCD-12	07/14/96	0 - 2	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	0.10 *J*	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	2.0 *UJ*	0.29 *UJ*
BOSD0186	SCCD-12	07/14/96	18 - 20	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.20 *J*	0.27 *U*	0.27 *U*	0.27 *U*	2.0 *U*	0.27 *U*
BOSD0178	SCCD-12	07/14/96	2 - 4	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	0.10 *J*	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	2.0 *UJ*	0.29 *UJ*
BOSD0179	SCCD-12	07/14/96	4 - 6	0.62 *U*	0.62 *U*	0.62 *U*	0.62 *U*	0.30 *J*	0.62 *U*	0.62 *U*	0.62 *U*	4.0 *U*	0.62 *U*
BOSD0180	SCCD-12	07/14/96	6 - 8	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.10 *J*	0.27 *U*	0.27 *U*	0.27 *U*	2.0 *U*	0.27 *U*
BOSD0354	SCCD-14	07/13/96	8 - 10	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.25 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*
BOSD0355	SCCD-14	07/13/96	10 - 12	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.21 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*
BOSD0357	SCCD-14	07/13/96	14 - 16	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*	0.85 *U*	0.38 *U*	0.38 *U*	0.38 *U*	3.0 *U*	0.38 *U*
BOSD0350	SCCD-14	07/13/96	0 - 2	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.10 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	1.0 *UJ*	0.15 *UJ*
BOSD0359	SCCD-14	07/13/96	18 - 20	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*	2.0 *U*	0.38 *U*	0.38 *U*	0.38 *UJ*	3.0 *UJ*	0.38 *U*
BOSD0351	SCCD-14	07/13/96	2 - 4	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*
BOSD0352	SCCD-14	07/13/96	4 - 6	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.32 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*
BOSD0353	SCCD-14	07/13/96	6 - 8	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.19 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*
BOSD0370	SCCD-15	07/13/96	8 - 10	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.20 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	1.0 *UJ*	0.15 *UJ*
BOSD0371	SCCD-15	07/13/96	10 - 12	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.20 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*
BOSD0373	SCCD-15	07/13/96	14 - 16	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.20 *U*	0.26 *U*	0.26 *U*	0.26 *U*	2.0 *U*	0.26 *U*
BOSD0366	SCCD-15	07/13/96	0 - 2	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*
BOSD0375	SCCD-15	07/13/96	18 - 20	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*	0.20 *UJ*	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*	2.0 *UJ*	0.26 *UJ*
BOSD0367	SCCD-15	07/13/96	2 - 4	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.20 *U*	0.15 *U*	0.15 *U*	0.15 *UJ*	1.0 *UJ*	0.15 *U*
BOSD0368	SCCD-15	07/13/96	4 - 6	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.20 *U*	0.15 *U*	0.15 *U*	0.15 *UJ*	1.0 *UJ*	0.15 *U*

TABLE 1.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Phthalates: Dimethyl phthalate (mg/kg)	Diethyl phthalate (mg/kg)	Di-n-butyl phthalate (mg/kg)	Butylbenzyl phthalate (mg/kg)	Bis[2-ethyl-hexyl]-phthalate (mg/kg)	Di-n-octyl phthalate (mg/kg)	Miscellaneous Oxygenated Compounds: Isophorone (mg/kg)	Benzyl alcohol (mg/kg)	Benzoic acid (mg/kg)	Dibenzofuran (mg/kg)
BOSD0369	SCCD-15	07/13/96	6 - 8	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.43 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*	0.15 *U*
BOSD0001	SCM-01	05/14/96	0 - 2	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	2.9 *UJ*	0.40 *UJ*
BOSD0002	SCM-01	05/14/96	2 - 4	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	2.6 *U*	0.40 *U*
BOSD0003	SCM-01	05/14/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	2.4 *U*	0.40 *U*
BOSD0004	SCM-01	05/14/96	6 - 8	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	2.3 *U*	0.40 *U*
BOSD0005	SCM-01	05/14/96	8 - 10	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.0 *U*	0.30 *U*
BOSD0006	SCM-01	05/14/96	10 - 12	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.1 *U*	0.30 *U*
BOSD0008	SCM-01	05/14/96	14 - 16	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.050 *J*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*	0.45 *U*
BOSD0010	SCM-01	05/14/96	18 - 20	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.080 *J*	0.50 *U*	0.50 *U*	0.50 *U*	3.5 *U*	0.50 *U*
BOSD0225	SCM-02	05/17/96	0 - 2	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.080 *J*	0.60 *U*	0.60 *U*	0.60 *U*	4.0 *U*	0.60 *U*
BOSD0226	SCM-02	05/17/96	2 - 4	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.050 *J*	0.70 *U*	0.70 *U*	0.70 *U*	4.4 *U*	0.70 *U*
BOSD0227	SCM-02	05/17/96	4 - 6	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.10 *J*	0.70 *U*	0.70 *U*	0.70 *U*	4.4 *U*	0.70 *U*
BOSD0228	SCM-02	05/17/96	6 - 8	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.070 *J*	0.60 *U*	0.60 *U*	0.60 *U*	3.7 *U*	0.60 *U*
BOSD0229	SCM-02	05/17/96	8 - 10	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*	0.45 *U*
BOSD0230	SCM-02	05/17/96	10 - 12	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*	0.45 *U*
BOSD0232	SCM-02	05/17/96	14 - 16	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.10 *J*	0.30 *U*	0.30 *U*	0.30 *U*	2.0 *U*	0.30 *U*
BOSD0234	SCM-02	05/17/96	18 - 20	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.70	0.40 *U*	0.40 *U*	0.40 *U*	2.4 *U*	0.40 *U*
BOSD0241	SCM-03	05/15/96	0 - 2	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.070 *J*	0.40 *U*	0.40 *U*	0.40 *U*	2.7 *U*	0.40 *U*
BOSD0242	SCM-03	05/15/96	2 - 4	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.10 *J*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*	0.45 *U*
BOSD0243	SCM-03	05/15/96	4 - 6	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.50 *J*	0.60 *U*	0.60 *U*	0.60 *U*	4.0 *U*	0.60 *U*
BOSD0244	SCM-03	05/15/96	6 - 8	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.10 *J*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*	0.45 *U*
BOSD0245	SCM-03	05/15/96	8 - 10	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.060 *J*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*	0.45 *U*
BOSD0246	SCM-03	05/15/96	10 - 12	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.060 *J*	0.60 *U*	0.60 *U*	0.60 *U*	4.0 *U*	0.60 *U*
BOSD0248	SCM-03	05/15/96	14 - 16	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.0 *U*	0.30 *U*
BOSD0250	SCM-03	05/15/96	18 - 20	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.10 *J*	0.30 *U*	0.30 *U*	0.30 *U*	2.0 *U*	0.30 *U*
BOSD0386	SCMB-01	07/15/96	8 - 10	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.10 *J*	0.27 *U*	0.27 *U*	0.27 *U*	2.0 *U*	0.27 *U*
BOSD0387	SCMB-01	07/15/96	10 - 12	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.10 *J*	0.26 *U*	0.26 *U*	0.26 *UJ*	2.0 *UJ*	0.26 *U*
BOSD0389	SCMB-01	07/15/96	14 - 16	0.27 *UJ*	0.27 *UJ*	0.27 *UJ*	0.27 *UJ*	0.090 *J*	0.27 *UJ*	0.27 *UJ*	0.27 *UJ*	2.0 *UJ*	0.27 *UJ*
BOSD0382	SCMB-01	07/15/96	0 - 2	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.10 *J*	0.26 *U*	0.26 *U*	0.26 *U*	2.0 *U*	0.26 *U*
BOSD0391	SCMB-01	07/15/96	18 - 20	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.10 *J*	0.27 *U*	0.27 *U*	0.27 *U*	2.0 *U*	0.27 *U*
BOSD0383	SCMB-01	07/15/96	2 - 4	0.25 *U*	0.25 *U*	0.25 *U*	0.25 *U*	0.10 *J*	0.25 *U*	0.25 *U*	0.25 *U*	2.0 *U*	0.25 *U*
BOSD0384	SCMB-01	07/15/96	4 - 6	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.20 *J*	0.39 *U*	0.39 *U*	0.39 *U*	3.0 *U*	0.39 *U*
BOSD0385	SCMB-01	07/15/96	6 - 8	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.20 *J*	0.26 *U*	0.26 *U*	0.26 *U*	2.0 *U*	0.26 *U*
Channel Reference													
BOSD0257	SCCR-01	05/18/96	0 - 2	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	1.0	0.80 *U*	0.80 *U*	0.80 *U*	5.6 *U*	0.80 *U*
BOSD0258	SCCR-01	05/18/96	2 - 4	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.70	0.50 *U*	0.50 *U*	0.50 *U*	3.4 *U*	0.50 *U*
BOSD0259	SCCR-01	05/18/96	4 - 6	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.80	0.40 *U*	0.40 *U*	3.0 *U*	0.40 *U*

TABLE 1.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Phthalates: Dimethyl phthalate (mg/kg)	Diethyl phthalate (mg/kg)	Di-n-butyl phthalate (mg/kg)	Butylbenzyl phthalate (mg/kg)	Bis(2-ethylhexyl)-phthalate (mg/kg)	Di-n-octyl phthalate (mg/kg)	Miscellaneous Oxygenated Compounds: Isophorone (mg/kg)	Benzyl alcohol (mg/kg)	Benzoic acid (mg/kg)	Dibenzofuran (mg/kg)
BOSD0260	SCCR-01	05/18/96	6 - 8	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	4.0	0.40 *U*	0.40 *U*	0.40 *U*	3.0 *U*	0.40 *U*
BOSD0261	SCCR-01	05/18/96	8 - 10	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.70	0.50 *U*	0.50 *U*	0.50 *U*	3.1 *U*	0.50 *U*
BOSD0262	SCCR-01	05/18/96	10 - 12	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	2.2	0.50 *U*	0.50 *U*	0.50 *U*	3.2 *U*	0.50 *U*
BOSD0264	SCCR-01	05/18/96	14 - 16	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.90	0.40 *U*	0.40 *U*	0.40 *U*	2.8 *U*	0.40 *U*
BOSD0266	SCCR-01	05/18/96	18 - 20	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.90	0.40 *U*	0.40 *U*	0.40 *U*	2.7 *U*	0.40 *U*
Marsh Reference													
BOSD0273	SCMR-01	05/18/96	0 - 2	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.040 *J*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*	0.45 *U*
BOSD0274	SCMR-01	05/18/96	2 - 4	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.040 *J*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*	0.45 *U*
BOSD0275	SCMR-01	05/18/96	4 - 6	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.040 *J*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*	0.45 *U*
BOSD0276	SCMR-01	05/18/96	6 - 8	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.10 *J*	0.60 *U*	0.60 *U*	0.60 *U*	4.0 *U*	0.60 *U*
BOSD0277	SCMR-01	05/18/96	8 - 10	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.060 *J*	0.60 *U*	0.60 *U*	0.60 *U*	4.0 *U*	0.60 *U*
BOSD0278	SCMR-01	05/18/96	10 - 12	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.050 *J*	0.60 *U*	0.60 *U*	0.60 *U*	4.0 *U*	0.60 *U*
BOSD0280	SCMR-01	05/18/96	14 - 16	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*	0.45 *U*
BOSD0282	SCMR-01	05/18/96	18 - 20	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.24 *J*	0.50 *U*	0.50 *U*	3.3 *U*	3.6 *U*	0.50 *U*

TABLE 1.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Organonitrogen Compounds: Aniline (mg/kg)	Nitro-benzene (mg/kg)	N-nitroso dimethyl-amine (mg/kg)	N-nitroso-di-n-propylamine (mg/kg)	2-Nitro-aniline (mg/kg)	3-Nitro-aniline (mg/kg)	4-Nitro-aniline (mg/kg)	2,6-Dinitro-toluene (mg/kg)	2,4-Dinitro-toluene (mg/kg)	N-nitroso-diphenyl-amine (mg/kg)	4-Chloro-aniline (mg/kg)	3,3'-Dichloro-benzidine (mg/kg)
BOSD0209	SCC-01	05/17/96	0 - 2	3.2 *U*	1.0 *U*	6.3 *U*	1.0 *U*	6.3 *U*	6.3 *U*	6.3 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	6.3 *U*
BOSD0210	SCC-01	05/17/96	2 - 4	2.3 *U*	0.70 *U*	4.6 *U*	0.70 *U*	4.6 *U*	4.6 *U*	4.6 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	4.6 *U*
BOSD0211	SCC-01	05/17/96	4 - 6	1.9 *U*	0.60 *U*	3.7 *U*	0.60 *U*	3.7 *U*	3.7 *U*	3.7 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	3.7 *U*
BOSD0212	SCC-01	05/17/96	6 - 8	2.7 *U*	0.80 *U*	5.3 *U*	0.80 *U*	5.3 *U*	5.3 *U*	5.3 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	5.3 *U*
BOSD0213	SCC-01	05/17/96	8 - 10	2.0 *U*	0.60 *U*	4.0 *U*	0.60 *U*	4.0 *U*	4.0 *U*	4.0 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	4.0 *U*
BOSD0214	SCC-01	05/17/96	10 - 12	1.8 *U*	0.60 *U*	3.7 *U*	0.60 *U*	3.7 *U*	3.7 *U*	3.7 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	3.7 *U*
BOSD0216	SCC-01	05/17/96	14 - 16	2.1 *U*	0.60 *U*	4.3 *U*	0.60 *U*	4.3 *U*	4.3 *U*	4.3 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	4.3 *U*
BOSD0218	SCC-01	05/17/96	18 - 20	1.4 *U*	0.40 *U*	2.7 *U*	0.40 *U*	2.7 *U*	2.7 *U*	2.7 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	2.7 *U*
BOSD0017	SCC-02	05/17/96	0 - 2	1.5 *U*	0.45 *U*	3.0 *U*	0.45 *U*	3.0 *U*	3.0 *U*	3.0 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*
BOSD0018	SCC-02	05/17/96	2 - 4	2.0 *U*	0.60 *U*	4.0 *U*	0.60 *U*	4.0 *U*	4.0 *U*	4.0 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	4.0 *U*
BOSD0019	SCC-02	05/17/96	4 - 6	1.5 *U*	0.45 *U*	3.0 *U*	0.45 *U*	3.0 *U*	3.0 *U*	3.0 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*
BOSD0020	SCC-02	05/17/96	6 - 8	1.5 *U*	0.45 *U*	3.0 *U*	0.45 *U*	3.0 *U*	3.0 *U*	3.0 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*
BOSD0021	SCC-02	05/17/96	8 - 10	1.5 *U*	0.45 *U*	3.0 *U*	0.45 *U*	3.0 *U*	3.0 *U*	3.0 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*
BOSD0022	SCC-02	05/17/96	10 - 12	1.4 *UJ*	0.40 *UJ*	2.7 *UJ*	0.40 *UJ*	2.7 *UJ*	2.7 *UJ*	2.7 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	2.7 *UJ*
BOSD0024	SCC-02	05/17/96	14 - 16	1.5 *U*	0.45 *U*	3.0 *U*	0.45 *U*	3.0 *U*	3.0 *U*	3.0 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*
BOSD0026	SCC-02	05/17/96	18 - 20	1.5 *U*	0.45 *U*	3.0 *U*	0.45 *U*	3.0 *U*	3.0 *U*	3.0 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*
BOSD0033	SCC-03	05/15/96	0 - 2	1.9 *U*	0.60 *U*	3.8 *U*	0.60 *U*	3.8 *U*	3.8 *U*	3.8 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	3.8 *U*
BOSD0034	SCC-03	05/15/96	2 - 4	1.8 *U*	0.60 *U*	3.7 *U*	0.60 *U*	3.7 *U*	3.7 *U*	3.7 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	3.7 *U*
BOSD0035	SCC-03	05/15/96	4 - 6	1.1 *U*	0.30 *U*	2.2 *U*	1.0 *U*	2.2 *U*	2.2 *U*	2.2 *U*	0.30 *U*	0.15 *U*	0.30 *U*	0.30 *U*	2.2 *U*
BOSD0036	SCC-03	05/15/96	6 - 8	0.70 *U*	0.20 *U*	1.5 *U*	0.20 *U*	1.5 *U*	1.5 *U*	1.5 *U*	0.20 *U*	0.20 *U*	0.20 *U*	0.20 *U*	1.5 *U*
BOSD0037	SCC-03	05/15/96	8 - 10	1.0 *U*	0.30 *U*	2.0 *U*	0.30 *U*	2.0 *U*	2.0 *U*	2.0 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.0 *U*
BOSD0038	SCC-03	05/15/96	10 - 12	1.1 *U*	0.30 *U*	2.1 *U*	0.30 *U*	2.1 *U*	2.1 *U*	2.1 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.1 *U*
BOSD0040	SCC-03	05/15/96	14 - 16	1.0 *U*	0.30 *U*	2.0 *U*	0.30 *U*	2.0 *U*	2.0 *U*	2.0 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.0 *U*
BOSD0042	SCC-03	05/15/96	18 - 20	1.1 *U*	0.30 *U*	2.2 *U*	0.30 *U*	2.2 *U*	2.2 *U*	2.2 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.2 *U*
BOSD0402	SCCB-01	07/15/96	8 - 10	0.50 *UJ*	0.15 *U*	1.0 *U*	0.15 *U*	1.0 *U*	1.0 *U*	1.0 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*
BOSD0403	SCCB-01	07/15/96	10 - 12	0.50 *UJ*	0.15 *U*	1.0 *U*	0.15 *U*	1.0 *U*	1.0 *U*	1.0 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*
BOSD0405	SCCB-01	07/15/96	14 - 16	1.0 *UJ*	0.29 *U*	2.0 *U*	0.29 *U*	2.0 *U*	2.0 *U*	2.0 *U*	0.29 *U*	0.29 *U*	0.29 *U*	0.29 *U*	2.0 *U*
BOSD0398	SCCB-01	07/15/96	0 - 2	0.50 *UJ*	0.15 *U*	1.0 *U*	0.15 *U*	1.0 *U*	1.0 *U*	1.0 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*
BOSD0407	SCCB-01	07/15/96	18 - 20	1.0 *UJ*	0.29 *U*	2.0 *U*	0.29 *U*	2.0 *U*	2.0 *U*	2.0 *U*	0.29 *U*	0.29 *U*	0.29 *U*	0.29 *U*	2.0 *U*
BOSD0399	SCCB-01	07/15/96	2 - 4	0.50 *UJ*	0.15 *U*	1.0 *U*	0.15 *U*	1.0 *U*	1.0 *U*	1.0 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*
BOSD0400	SCCB-01	07/15/96	4 - 6	1.2 *UJ*	0.35 *U*	2.0 *U*	0.35 *U*	2.0 *U*	2.0 *U*	2.0 *U*	0.35 *U*	0.35 *U*	0.35 *U*	0.35 *U*	2.0 *U*
BOSD0401	SCCB-01	07/15/96	6 - 8	0.90 *UJ*	0.28 *U*	2.0 *U*	0.28 *U*	2.0 *U*	2.0 *U*	2.0 *U*	0.28 *U*	0.28 *U*	0.28 *U*	0.28 *U*	2.0 *U*
BOSD0418	SCCB-02	07/15/96	8 - 10	0.50 *UJ*	0.15 *U*	1.0 *UJ*	0.15 *U*	1.0 *U*	1.0 *U*	1.0 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*
BOSD0419	SCCB-02	07/15/96	10 - 12	0.50 *UJ*	0.15 *U*	1.0 *UJ*	0.15 *U*	1.0 *U*	1.0 *U*	1.0 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*
BOSD0421	SCCB-02	07/15/96	14 - 16	0.50 *UJ*	0.15 *U*	1.0 *UJ*	0.15 *U*	1.0 *U*	1.0 *U*	1.0 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*
BOSD0414	SCCB-02	07/15/96	0 - 2	1.2 *UJ*	0.36 *U*	2.0 *UJ*	0.36 *U*	2.0 *U*	2.0 *U*	2.0 *U*	0.36 *U*	0.36 *U*	0.36 *U*	0.36 *U*	2.0 *U*
BOSD0424	SCCB-02	07/15/96	20 - 25	0.50 *UJ*	0.15 *U*	1.0 *UJ*	0.15 *U*	1.0 *U*	1.0 *U*	1.0 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*

TABLE 1.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Organonitrogen Compounds											
				Aniline (mg/kg)	Nitro-benzene (mg/kg)	N-nitroso dimethyl-amine (mg/kg)	N-nitroso-di-n-propylamine (mg/kg)	2-Nitro-aniline (mg/kg)	3-Nitro-aniline (mg/kg)	4-Nitro-aniline (mg/kg)	2,6-Dinitro-toluene (mg/kg)	2,4-Dinitro-toluene (mg/kg)	N-nitroso-diphenyl-amine (mg/kg)	4-Chloro-aniline (mg/kg)	3,3'-Dichloro-benzidine (mg/kg)
BOSD0415	SCCB-02	07/15/96	2 - 4	0.50 UJ	0.15 U	1.0 UJ	0.15 U	1.0 U	1.0 U	1.0 U	0.15 U	0.15 U	0.15 U	0.15 U	1.0 U
BOSD0416	SCCB-02	07/15/96	4 - 6	0.50 UJ	0.15 U	1.0 UJ	0.15 U	1.0 U	1.0 U	1.0 U	0.15 U	0.15 U	0.15 U	0.15 U	1.0 U
BOSD0417	SCCB-02	07/15/96	6 - 8	0.50 UJ	0.15 U	1.0 UJ	0.15 U	1.0 U	1.0 U	1.0 U	0.15 U	0.15 U	0.15 U	0.15 U	1.0 U
BOSD0049	SCCD-04	05/21/96	0 - 2	1.8 U	0.50 U	3.5 U	0.50 U	3.5 U	3.5 U	3.5 U	0.50 U	0.50 U	0.50 U	0.50 U	3.5 U
BOSD0050	SCCD-04	05/21/96	2 - 4	1.9 U	0.60 U	3.8 U	0.60 U	3.8 U	3.8 U	3.8 U	0.60 U	0.60 U	0.60 U	0.60 U	3.8 U
BOSD0051	SCCD-04	05/21/96	4 - 6	1.6 U	0.50 U	3.3 U	0.50 U	3.3 U	3.3 U	3.3 U	0.50 U	0.50 U	0.50 U	0.50 U	3.3 U
BOSD0052	SCCD-04	05/21/96	6 - 8	1.7 U	0.50 U	3.4 U	0.50 U	3.4 U	3.4 U	3.4 U	0.50 U	0.50 U	0.50 U	0.50 U	3.4 U
BOSD0053	SCCD-04	05/21/96	8 - 10	1.7 U	0.50 U	3.3 U	0.50 U	3.3 U	3.3 U	3.3 U	0.50 U	0.50 U	0.50 U	0.50 U	3.3 U
BOSD0054	SCCD-04	05/21/96	10 - 12	1.8 U	0.50 U	3.5 U	0.50 U	3.5 U	3.5 U	3.5 U	0.50 U	0.50 U	0.50 U	0.50 U	3.5 U
BOSD0056	SCCD-04	05/21/96	14 - 16	1.7 U	0.50 U	3.4 U	0.50 U	3.4 U	3.4 U	3.4 U	0.50 U	0.50 U	0.50 U	0.50 U	3.4 U
BOSD0058	SCCD-04	05/21/96	18 - 20	1.8 U	0.60 U	3.7 U	0.60 U	3.7 U	3.7 U	3.7 U	0.60 U	0.60 U	0.60 U	0.60 U	3.7 U
BOSD0065	SCCD-05	05/16/96	0 - 2	1.0 UJ	0.30 U	1.9 U	0.30 U	1.9 U	1.9 U	1.9 U	0.30 U	0.30 U	0.30 U	0.30 U	1.9 U
BOSD0066	SCCD-05	05/16/96	2 - 4	0.90 UJ	0.30 U	1.8 U	0.30 U	1.8 U	1.8 U	1.8 U	0.30 U	0.30 U	0.30 U	0.30 U	1.8 U
BOSD0067	SCCD-05	05/16/96	4 - 6	1.4 UJ	0.40 U	2.9 U	0.40 U	2.9 U	2.9 U	2.9 U	0.40 U	0.40 U	0.40 U	0.40 U	2.9 U
BOSD0068	SCCD-05	05/16/96	6 - 8	1.1 UJ	0.30 U	2.2 U	0.30 U	2.2 U	2.2 U	2.2 U	0.30 U	0.30 U	0.30 U	0.30 U	2.2 U
BOSD0069	SCCD-05	05/16/96	8 - 10	1.7 U	0.50 U	3.4 U	0.50 U	3.4 U	3.4 U	3.4 U	0.50 U	0.50 U	0.50 U	0.50 U	3.4 U
BOSD0070	SCCD-05	05/16/96	10 - 12	2.9 U	0.90 U	5.7 U	0.90 U	5.7 U	5.7 U	5.7 U	0.90 U	0.90 U	0.90 U	0.90 U	5.7 U
BOSD0072	SCCD-05	05/16/96	14 - 16	1.9 U	0.60 U	3.9 U	0.60 U	3.9 U	3.9 U	3.9 U	0.60 U	0.60 U	0.60 U	0.60 U	3.9 U
BOSD0074	SCCD-05	05/16/96	18 - 20	2.0 U	0.60 U	4.0 U	0.60 U	4.0 U	4.0 U	4.0 U	0.60 U	0.60 U	0.60 U	0.60 U	4.0 U
BOSD0081	SCCD-06	05/22/96	0 - 2	1.2 UJ	0.40 U	2.5 U	0.40 U	2.5 U	2.5 U	2.5 U	0.40 U	0.40 U	0.40 U	0.40 U	2.5 U
BOSD0082	SCCD-06	05/22/96	2 - 4	1.2 UJ	0.40 U	2.5 U	0.40 U	2.5 U	2.5 U	2.5 U	0.40 U	0.40 U	0.40 U	0.40 U	2.5 U
BOSD0083	SCCD-06	05/22/96	4 - 6	1.2 UJ	0.40 U	2.4 U	0.40 U	2.4 U	2.4 U	2.4 U	0.40 U	0.40 U	0.40 U	0.40 U	2.4 U
BOSD0084	SCCD-06	05/22/96	6 - 8	1.3 UJ	0.40 U	2.5 U	0.40 U	2.5 U	2.5 U	2.5 U	0.40 U	0.40 U	0.40 U	0.40 U	2.5 U
BOSD0085	SCCD-06	05/22/96	8 - 10	1.1 UJ	0.30 U	2.2 U	0.30 U	2.2 U	2.2 U	2.2 U	0.30 U	0.30 U	0.30 U	0.30 U	2.2 U
BOSD0086	SCCD-06	05/22/96	10 - 12	1.1 UJ	0.30 U	2.2 U	0.30 U	2.2 U	2.2 U	2.2 U	0.30 U	0.30 U	0.30 U	0.30 U	2.2 U
BOSD0088	SCCD-06	05/22/96	14 - 16	1.1 UJ	0.30 U	2.1 U	0.30 U	2.1 U	2.1 U	2.1 U	0.30 U	0.30 U	0.30 U	0.30 U	2.1 U
BOSD0090	SCCD-06	05/22/96	18 - 20	1.1 UJ	0.30 U	2.2 U	0.30 U	2.2 U	2.2 U	2.2 U	0.30 U	0.30 U	0.30 U	0.30 U	2.2 U
BOSD0097	SCCD-07	05/20/96	0 - 2	6.7 U	2.2 U	13.0 U	2.2 U	13.0 U	13.0 U	13.0 U	2.2 U	2.2 U	2.2 U	2.2 U	13.0 U
BOSD0098	SCCD-07	05/20/96	2 - 4	1.8 U	0.50 U	3.5 U	0.50 U	3.5 U	3.5 U	3.5 U	0.50 U	0.50 U	0.50 U	0.50 U	3.5 U
BOSD0099	SCCD-07	05/20/96	4 - 6	3.2 U	1.0 U	6.3 U	1.0 U	6.3 U	6.3 U	6.3 U	1.0 U	1.0 U	1.0 U	1.0 U	6.3 U
BOSD0100	SCCD-07	05/20/96	6 - 8	3.6 U	1.1 U	7.1 U	1.1 U	7.1 U	7.1 U	7.1 U	1.1 U	1.1 U	1.1 U	1.1 U	7.1 U
BOSD0101	SCCD-07	05/20/96	8 - 10	1.9 U	0.60 U	3.7 U	0.60 U	3.7 U	3.7 U	3.7 U	0.60 U	0.60 U	0.60 U	0.60 U	3.7 U
BOSD0102	SCCD-07	05/20/96	10 - 12	3.4 U	1.1 U	6.8 U	1.1 U	6.8 U	6.8 U	6.8 U	1.1 U	1.1 U	1.1 U	1.1 U	6.8 U
BOSD0104	SCCD-07	05/20/96	14 - 16	2.5 U	0.80 U	4.9 U	0.80 U	4.9 U	4.9 U	4.9 U	0.80 U	0.80 U	0.80 U	0.80 U	4.9 U
BOSD0106	SCCD-07	05/20/96	18 - 20	2.3 U	0.80 U	4.7 U	0.80 U	4.7 U	4.7 U	4.7 U	0.80 U	0.80 U	0.80 U	0.80 U	4.7 U
BOSD0113	SCCD-08	05/22/96	0 - 2	1.5 U	0.50 U	3.1 U	0.50 U	3.1 U	3.1 U	3.1 U	0.50 U	0.50 U	0.50 U	0.50 U	3.1 U
BOSD0114	SCCD-08	05/22/96	2 - 4	1.6 U	0.50 U	3.2 U	0.50 U	3.2 U	3.2 U	3.2 U	0.50 U	0.50 U	0.50 U	0.50 U	3.2 U

TABLE 1.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Organonitrogen Compounds: Aniline (mg/kg)	Nitro-benzene (mg/kg)	N-nitroso dimethyl-amine (mg/kg)	N-nitroso-di-n-propylamine (mg/kg)	2-Nitro-aniline (mg/kg)	3-Nitro-aniline (mg/kg)	4-Nitro-aniline (mg/kg)	2,6-Dinitro-toluene (mg/kg)	2,4-Dinitro-toluene (mg/kg)	N-nitroso-diphenyl-amine (mg/kg)	4-Chloro-aniline (mg/kg)	3,3'-Dichloro-benzidine (mg/kg)
BOSD0115	SCCD-08	05/22/96	4 - 6	1.2 *U*	0.40 *U*	2.3 *U*	0.40 *U*	2.3 *U*	2.3 *U*	2.3 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	2.3 *U*
BOSD0116	SCCD-08	05/22/96	6 - 8	1.2 *U*	0.40 *U*	2.5 *U*	0.40 *U*	2.5 *U*	2.5 *U*	2.5 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	2.5 *U*
BOSD0117	SCCD-08	05/22/96	8 - 10	1.0 *U*	0.30 *U*	2.0 *U*	0.30 *U*	2.0 *U*	2.0 *U*	2.0 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.0 *U*
BOSD0118	SCCD-08	05/22/96	10 - 12	1.1 *UJ*	0.30 *U*	2.3 *U*	0.30 *U*	2.3 *U*	2.3 *U*	2.3 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.3 *U*
BOSD0120	SCCD-08	05/22/96	14 - 16	1.1 *UJ*	0.30 *U*	2.3 *U*	0.30 *U*	2.3 *U*	2.3 *U*	2.3 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.3 *U*
BOSD0122	SCCD-08	05/22/96	18 - 20	1.1 *UJ*	0.30 *U*	2.2 *U*	0.30 *U*	2.2 *U*	2.2 *U*	2.2 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.2 *U*
BOSD0129	SCCD-09	05/20/96	0 - 2	1.1 *U*	0.30 *U*	2.3 *U*	0.30 *U*	2.3 *U*	2.3 *U*	2.3 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.3 *U*
BOSD0130	SCCD-09	05/20/96	2 - 4	1.9 *U*	0.60 *U*	3.8 *U*	0.60 *U*	3.8 *U*	3.8 *U*	3.8 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	3.8 *U*
BOSD0131	SCCD-09	05/20/96	4 - 6	1.4 *U*	0.40 *U*	2.7 *U*	0.40 *U*	2.7 *U*	2.7 *U*	2.7 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	2.7 *U*
BOSD0132	SCCD-09	05/20/96	6 - 8	1.1 *U*	0.30 *U*	2.3 *U*	0.30 *U*	2.3 *U*	2.3 *U*	2.3 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.3 *U*
BOSD0133	SCCD-09	05/20/96	8 - 10	1.0 *U*	0.30 *U*	2.1 *U*	0.30 *U*	2.1 *U*	2.1 *U*	2.1 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.1 *U*
BOSD0134	SCCD-09	05/20/96	10 - 12	1.2 *U*	0.40 *U*	2.4 *U*	0.40 *U*	2.4 *U*	2.4 *U*	2.4 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	2.4 *U*
BOSD0136	SCCD-09	05/20/96	14 - 16	2.0 *U*	0.60 *U*	4.1 *U*	0.60 *U*	4.1 *U*	4.1 *U*	4.1 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	4.1 *U*
BOSD0138	SCCD-09	05/20/96	18 - 20	1.7 *U*	0.50 *U*	3.4 *U*	0.50 *U*	3.4 *U*	3.4 *U*	3.4 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	3.4 *U*
BOSD0181	SCCD-12	07/14/96	8 - 10	0.50 *U*	0.15 *U*	1.0 *U*	0.15 *U*	1.0 *U*	1.0 *U*	1.0 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*
BOSD0182	SCCD-12	07/14/96	10 - 12	0.50 *UJ*	0.15 *UJ*	1.0 *UJ*	0.15 *UJ*	1.0 *UJ*	1.0 *UJ*	1.0 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	1.0 *UJ*
BOSD0184	SCCD-12	07/14/96	14 - 16	0.50 *UJ*	0.15 *UJ*	1.0 *UJ*	0.15 *UJ*	1.0 *UJ*	1.0 *UJ*	1.0 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	1.0 *UJ*
BOSD0177	SCCD-12	07/14/96	0 - 2	1.0 *UJ*	0.29 *UJ*	2.0 *UJ*	0.29 *UJ*	2.0 *UJ*	2.0 *UJ*	2.0 *UJ*	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	2.0 *UJ*
BOSD0186	SCCD-12	07/14/96	18 - 20	0.90 *U*	0.27 *U*	2.0 *U*	0.27 *U*	2.0 *U*	2.0 *U*	2.0 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	2.0 *U*
BOSD0178	SCCD-12	07/14/96	2 - 4	1.0 *UJ*	0.29 *UJ*	2.0 *UJ*	0.29 *UJ*	2.0 *UJ*	2.0 *UJ*	2.0 *UJ*	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	0.29 *UJ*	2.0 *UJ*
BOSD0179	SCCD-12	07/14/96	4 - 6	2.1 *U*	0.62 *U*	4.0 *U*	0.62 *U*	4.0 *U*	4.0 *U*	4.0 *U*	0.62 *U*	0.62 *U*	0.62 *U*	0.62 *U*	4.0 *U*
BOSD0180	SCCD-12	07/14/96	6 - 8	0.90 *U*	0.27 *U*	2.0 *U*	0.27 *U*	2.0 *U*	2.0 *U*	2.0 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	2.0 *U*
BOSD0354	SCCD-14	07/13/96	8 - 10	0.50 *UJ*	0.15 *U*	1.0 *U*	0.15 *U*	1.0 *U*	1.0 *U*	1.0 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*
BOSD0355	SCCD-14	07/13/96	10 - 12	0.50 *UJ*	0.15 *U*	1.0 *U*	0.15 *U*	1.0 *U*	1.0 *U*	1.0 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*
BOSD0357	SCCD-14	07/13/96	14 - 16	1.3 *UJ*	0.38 *U*	3.0 *U*	0.38 *U*	3.0 *U*	3.0 *U*	3.0 *U*	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*	3.0 *U*
BOSD0350	SCCD-14	07/13/96	0 - 2	0.50 *UJ*	0.15 *UJ*	1.0 *UJ*	0.15 *UJ*	1.0 *UJ*	1.0 *UJ*	1.0 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	1.0 *UJ*
BOSD0359	SCCD-14	07/13/96	18 - 20	1.3 *UJ*	0.38 *U*	3.0 *U*	0.38 *U*	3.0 *U*	3.0 *U*	3.0 *U*	0.38 *U*	0.38 *U*	0.38 *U*	0.38 *U*	3.0 *U*
BOSD0351	SCCD-14	07/13/96	2 - 4	0.50 *UJ*	0.15 *U*	1.0 *U*	0.15 *U*	1.0 *U*	1.0 *U*	1.0 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*
BOSD0352	SCCD-14	07/13/96	4 - 6	0.50 *UJ*	0.15 *U*	1.0 *U*	0.15 *U*	1.0 *U*	1.0 *U*	1.0 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*
BOSD0353	SCCD-14	07/13/96	6 - 8	0.50 *UJ*	0.15 *U*	1.0 *U*	0.15 *U*	1.0 *U*	1.0 *U*	1.0 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*
BOSD0370	SCCD-15	07/13/96	8 - 10	0.50 *UJ*	0.15 *UJ*	1.0 *UJ*	0.15 *UJ*	1.0 *UJ*	1.0 *UJ*	1.0 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	0.15 *UJ*	1.0 *UJ*
BOSD0371	SCCD-15	07/13/96	10 - 12	0.50 *U*	0.15 *U*	1.0 *U*	0.15 *U*	1.0 *U*	1.0 *U*	1.0 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*
BOSD0373	SCCD-15	07/13/96	14 - 16	0.90 *U*	0.26 *U*	2.0 *U*	0.26 *U*	2.0 *U*	2.0 *U*	2.0 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	2.0 *U*
BOSD0366	SCCD-15	07/13/96	0 - 2	0.50 *U*	0.15 *U*	1.0 *U*	0.15 *U*	1.0 *U*	1.0 *U*	1.0 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*
BOSD0375	SCCD-15	07/13/96	18 - 20	0.90 *UJ*	0.26 *UJ*	2.0 *UJ*	0.26 *UJ*	2.0 *UJ*	2.0 *UJ*	2.0 *UJ*	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*	0.26 *UJ*	2.0 *UJ*
BOSD0367	SCCD-15	07/13/96	2 - 4	0.50 *U*	0.15 *U*	1.0 *U*	0.15 *U*	1.0 *U*	1.0 *U*	1.0 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*
BOSD0368	SCCD-15	07/13/96	4 - 6	0.50 *U*	0.15 *U*	1.0 *U*	0.15 *U*	1.0 *U*	1.0 *U*	1.0 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*

TABLE 1.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Organonitrogen Compounds											
				Aniline (mg/kg)	Nitro-benzene (mg/kg)	N-nitroso dimethyl-amine (mg/kg)	N-nitroso-di-n-propylamine (mg/kg)	2-Nitro-aniline (mg/kg)	3-Nitro-aniline (mg/kg)	4-Nitro-aniline (mg/kg)	2,6-Dinitro-toluene (mg/kg)	2,4-Dinitro-toluene (mg/kg)	N-nitroso-diphenyl-amine (mg/kg)	4-Chloro-aniline (mg/kg)	3,3'-Dichloro-benzidine (mg/kg)
BOSD0369	SCCD-15	07/13/96	6 - 8	0.50 *U*	0.15 *U*	1.0 *U*	0.15 *U*	1.0 *U*	1.0 *U*	1.0 *U*	0.15 *U*	0.15 *U*	0.15 *U*	0.15 *U*	1.0 *U*
BOSD0001	SCM-01	05/14/96	0 - 2	1.5 *UJ*	0.40 *UJ*	2.9 *UJ*	0.40 *UJ*	2.9 *UJ*	2.9 *UJ*	2.9 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	0.40 *UJ*	2.9 *UJ*
BOSD0002	SCM-01	05/14/96	2 - 4	1.3 *U*	0.40 *U*	2.6 *U*	0.050 *J*	2.6 *U*	2.6 *U*	2.6 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	2.6 *U*
BOSD0003	SCM-01	05/14/96	4 - 6	1.2 *U*	0.40 *U*	2.4 *U*	0.40 *U*	2.4 *U*	2.4 *U*	2.4 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	2.4 *U*
BOSD0004	SCM-01	05/14/96	6 - 8	1.2 *U*	0.40 *U*	2.3 *U*	0.40 *U*	2.3 *U*	2.3 *U*	2.3 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	2.3 *U*
BOSD0005	SCM-01	05/14/96	8 - 10	1.0 *UJ*	0.30 *U*	2.0 *U*	0.30 *U*	2.0 *U*	2.0 *U*	2.0 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.0 *U*
BOSD0006	SCM-01	05/14/96	10 - 12	1.0 *UJ*	0.30 *U*	2.1 *U*	0.30 *U*	2.1 *U*	2.1 *U*	2.1 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.1 *U*
BOSD0008	SCM-01	05/14/96	14 - 16	1.5 *U*	0.45 *U*	3.0 *U*	0.45 *U*	3.0 *U*	3.0 *U*	3.0 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*
BOSD0010	SCM-01	05/14/96	18 - 20	1.8 *UJ*	0.50 *U*	3.5 *U*	0.50 *U*	3.5 *U*	3.5 *U*	3.5 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	3.5 *U*
BOSD0225	SCM-02	05/17/96	0 - 2	2.0 *U*	0.60 *U*	4.0 *U*	0.60 *U*	4.0 *U*	4.0 *U*	4.0 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	4.0 *U*
BOSD0226	SCM-02	05/17/96	2 - 4	2.2 *U*	0.70 *U*	4.4 *U*	0.70 *U*	4.4 *U*	4.4 *U*	4.4 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	4.4 *U*
BOSD0227	SCM-02	05/17/96	4 - 6	2.2 *U*	0.70 *U*	4.4 *U*	0.70 *U*	4.4 *U*	4.4 *U*	4.4 *U*	0.70 *U*	0.70 *U*	0.70 *U*	0.70 *U*	4.4 *U*
BOSD0228	SCM-02	05/17/96	6 - 8	1.9 *U*	0.60 *U*	3.7 *U*	0.60 *U*	3.7 *U*	3.7 *U*	3.7 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	3.7 *U*
BOSD0229	SCM-02	05/17/96	8 - 10	1.5 *U*	0.45 *U*	3.0 *U*	0.45 *U*	3.0 *U*	3.0 *U*	3.0 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*
BOSD0230	SCM-02	05/17/96	10 - 12	1.5 *U*	0.45 *U*	3.0 *U*	0.45 *U*	3.0 *U*	3.0 *U*	3.0 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*
BOSD0232	SCM-02	05/17/96	14 - 16	1.0 *U*	0.30 *U*	2.0 *U*	0.30 *U*	2.0 *U*	2.0 *U*	2.0 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.0 *U*
BOSD0234	SCM-02	05/17/96	18 - 20	1.2 *UJ*	0.40 *U*	2.4 *U*	0.40 *U*	2.4 *U*	2.4 *U*	2.4 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	2.4 *U*
BOSD0241	SCM-03	05/15/96	0 - 2	1.4 *UJ*	0.40 *U*	2.7 *U*	0.40 *U*	2.7 *U*	2.7 *U*	2.7 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	2.7 *U*
BOSD0242	SCM-03	05/15/96	2 - 4	1.5 *U*	0.45 *U*	3.0 *U*	0.45 *U*	3.0 *U*	3.0 *U*	3.0 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*
BOSD0243	SCM-03	05/15/96	4 - 6	2.0 *U*	0.60 *U*	4.0 *U*	0.60 *U*	4.0 *U*	4.0 *U*	4.0 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	4.0 *U*
BOSD0244	SCM-03	05/15/96	6 - 8	1.5 *U*	0.45 *U*	3.0 *U*	0.45 *U*	3.0 *U*	3.0 *U*	3.0 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*
BOSD0245	SCM-03	05/15/96	8 - 10	1.5 *U*	0.45 *U*	3.0 *U*	0.45 *U*	3.0 *U*	3.0 *U*	3.0 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*
BOSD0246	SCM-03	05/15/96	10 - 12	2.0 *U*	0.60 *U*	4.0 *U*	0.60 *U*	4.0 *U*	4.0 *U*	4.0 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	4.0 *U*
BOSD0248	SCM-03	05/15/96	14 - 16	1.0 *U*	0.30 *U*	2.0 *U*	0.30 *U*	2.0 *U*	2.0 *U*	2.0 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.0 *U*
BOSD0250	SCM-03	05/15/96	18 - 20	1.0 *U*	0.30 *U*	2.0 *U*	0.30 *U*	2.0 *U*	2.0 *U*	2.0 *U*	0.30 *U*	0.30 *U*	0.30 *U*	0.30 *U*	2.0 *U*
BOSD0386	SCMB-01	07/15/96	8 - 10	0.90 *U*	0.27 *U*	2.0 *U*	0.27 *U*	2.0 *U*	2.0 *U*	2.0 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	2.0 *UJ*
BOSD0387	SCMB-01	07/15/96	10 - 12	0.90 *U*	0.26 *U*	2.0 *U*	0.26 *U*	2.0 *U*	2.0 *U*	2.0 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	2.0 *U*
BOSD0389	SCMB-01	07/15/96	14 - 16	0.90 *UJ*	0.27 *UJ*	2.0 *UJ*	0.27 *UJ*	2.0 *UJ*	2.0 *UJ*	2.0 *UJ*	0.27 *UJ*	0.27 *UJ*	0.27 *UJ*	0.27 *UJ*	2.0 *UJ*
BOSD0382	SCMB-01	07/15/96	0 - 2	0.90 *U*	0.26 *U*	2.0 *U*	0.26 *U*	2.0 *U*	2.0 *U*	2.0 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	2.0 *U*
BOSD0391	SCMB-01	07/15/96	18 - 20	0.90 *U*	0.27 *U*	2.0 *U*	0.27 *U*	2.0 *U*	2.0 *U*	2.0 *U*	0.27 *U*	0.27 *U*	0.27 *U*	0.27 *U*	2.0 *U*
BOSD0383	SCMB-01	07/15/96	2 - 4	0.80 *U*	0.25 *U*	2.0 *U*	0.25 *U*	2.0 *U*	2.0 *U*	2.0 *U*	0.25 *U*	0.25 *U*	0.25 *U*	0.25 *U*	2.0 *UJ*
BOSD0384	SCMB-01	07/15/96	4 - 6	1.3 *U*	0.39 *U*	3.0 *U*	0.39 *U*	3.0 *U*	3.0 *U*	3.0 *U*	0.39 *U*	0.39 *U*	0.39 *U*	0.39 *U*	3.0 *UJ*
BOSD0385	SCMB-01	07/15/96	6 - 8	0.90 *U*	0.26 *U*	2.0 *U*	0.26 *U*	2.0 *U*	2.0 *U*	2.0 *U*	0.26 *U*	0.26 *U*	0.26 *U*	0.26 *U*	2.0 *UJ*
Channel Reference															
BOSD0257	SCCR-01	05/18/96	0 - 2	2.8 *U*	0.80 *U*	5.6 *U*	0.80 *U*	5.6 *U*	5.6 *U*	5.6 *U*	0.80 *U*	0.80 *U*	0.80 *U*	0.80 *U*	5.6 *U*
BOSD0258	SCCR-01	05/18/96	2 - 4	1.7 *U*	0.50 *U*	3.4 *U*	0.50 *U*	3.4 *U*	3.4 *U*	3.4 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	3.4 *U*
BOSD0259	SCCR-01	05/18/96	4 - 6	1.5 *U*	0.40 *U*	3.0 *U*	0.40 *U*	3.0 *U*	3.0 *U*	3.0 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	3.0 *U*

TABLE 1.3-3. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Organonitrogen Compounds											
				Aniline (mg/kg)	Nitro-benzene (mg/kg)	N-nitroso dimethyl-amine (mg/kg)	N-nitroso-di-n-propylamine (mg/kg)	2-Nitro-aniline (mg/kg)	3-Nitro-aniline (mg/kg)	4-Nitro-aniline (mg/kg)	2,6-Dinitro-toluene (mg/kg)	2,4-Dinitro-toluene (mg/kg)	N-nitroso-diphenyl-amine (mg/kg)	4-Chloro-aniline (mg/kg)	3,3'-Dichloro-benzidine (mg/kg)
BOSD0260	SCCR-01	05/18/96	6 - 8	1.5 *U*	0.40 *U*	3.0 *U*	0.40 *U*	3.0 *U*	3.0 *U*	3.0 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	3.0 *U*
BOSD0261	SCCR-01	05/18/96	8 - 10	1.5 *U*	0.50 *U*	3.1 *U*	0.50 *U*	3.1 *U*	3.1 *U*	3.1 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	3.1 *U*
BOSD0262	SCCR-01	05/18/96	10 - 12	1.6 *U*	0.50 *U*	3.2 *U*	0.50 *U*	3.2 *U*	3.2 *U*	3.2 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	3.2 *U*
BOSD0264	SCCR-01	05/18/96	14 - 16	1.4 *U*	0.40 *U*	2.8 *U*	0.40 *U*	2.8 *U*	2.8 *U*	2.8 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	2.8 *U*
BOSD0266	SCCR-01	05/18/96	18 - 20	1.3 *U*	0.40 *U*	2.7 *U*	0.40 *U*	2.7 *U*	2.7 *U*	2.7 *U*	0.40 *U*	0.40 *U*	0.40 *U*	0.40 *U*	2.7 *U*
Marsh Reference															
BOSD0273	SCMR-01	05/18/96	0 - 2	1.5 *U*	0.45 *U*	3.0 *U*	0.45 *U*	3.0 *U*	3.0 *U*	3.0 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*
BOSD0274	SCMR-01	05/18/96	2 - 4	1.5 *U*	0.45 *U*	3.0 *U*	0.45 *U*	3.0 *U*	3.0 *U*	3.0 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*
BOSD0275	SCMR-01	05/18/96	4 - 6	1.5 *U*	0.45 *U*	3.0 *U*	0.45 *U*	3.0 *U*	3.0 *U*	3.0 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*
BOSD0276	SCMR-01	05/18/96	6 - 8	2.0 *U*	0.60 *U*	4.0 *U*	0.60 *U*	4.0 *U*	4.0 *U*	4.0 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	4.0 *U*
BOSD0277	SCMR-01	05/18/96	8 - 10	2.0 *U*	0.60 *U*	4.0 *U*	0.60 *U*	4.0 *U*	4.0 *U*	4.0 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	4.0 *U*
BOSD0278	SCMR-01	05/18/96	10 - 12	2.0 *U*	0.60 *U*	4.0 *U*	0.60 *U*	4.0 *U*	4.0 *U*	4.0 *U*	0.60 *U*	0.60 *U*	0.60 *U*	0.60 *U*	4.0 *U*
BOSD0280	SCMR-01	05/18/96	14 - 16	1.5 *U*	0.45 *U*	3.0 *U*	0.45 *U*	3.0 *U*	3.0 *U*	3.0 *U*	0.45 *U*	0.45 *U*	0.45 *U*	0.45 *U*	3.0 *U*
BOSD0282	SCMR-01	05/18/96	18 - 20	1.9 *U*	0.50 *U*	3.6 *U*	0.50 *U*	3.6 *U*	3.6 *U*	3.6 *U*	0.50 *U*	0.50 *U*	0.50 *U*	0.50 *U*	3.6 *U*

Note: Results are reported on a dry weight basis.

J - estimated

U - undetected

TABLE 1.3-4. MULTI-DEPTH SEDIMENT SAMPLES—PESTICIDES AND PCBs

Sample Number	Station	Date	Depth Interval (cm)	alpha-Hexachloro-cyclohexane (mg/kg)	beta-Hexachloro-cyclohexane (mg/kg)	delta-Hexachloro-cyclohexane (mg/kg)	gamma-Hexachloro-cyclohexane (mg/kg)	Aldrin (mg/kg)	Chlordane (mg/kg)	Dieldrin (mg/kg)	alpha-Endosulfan (mg/kg)	beta-Endosulfan (mg/kg)
BOSD0209	SCC-01	05/17/96	0 - 2	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.08 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0210	SCC-01	05/17/96	2 - 4	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.05 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0211	SCC-01	05/17/96	4 - 6	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.05 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0212	SCC-01	05/17/96	6 - 8	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.08 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0213	SCC-01	05/17/96	8 - 10	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.05 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0214	SCC-01	05/17/96	10 - 12	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.05 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0216	SCC-01	05/17/96	14 - 16	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.05 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0218	SCC-01	05/17/96	18 - 20	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.08 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0017	SCC-02	05/17/96	0 - 2	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.05 *U*	0.02 *U*	0.02 *U*	0.02 *U*
BOSD0018	SCC-02	05/17/96	2 - 4	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.05 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0019	SCC-02	05/17/96	4 - 6	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.05 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0020	SCC-02	05/17/96	6 - 8	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.05 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0021	SCC-02	05/17/96	8 - 10	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.05 *U*	0.02 *U*	0.02 *U*	0.02 *U*
BOSD0022	SCC-02	05/17/96	10 - 12	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.05 *U*	0.02 *U*	0.02 *U*	0.02 *U*
BOSD0024	SCC-02	05/17/96	14 - 16	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.05 *U*	0.02 *U*	0.02 *U*	0.02 *U*
BOSD0026	SCC-02	05/17/96	18 - 20	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.05 *U*	0.02 *U*	0.02 *U*	0.02 *U*
BOSD0033	SCC-03	05/15/96	0 - 2	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.05 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0034	SCC-03	05/15/96	2 - 4	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.05 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0035	SCC-03	05/15/96	4 - 6	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.007 *U*	0.03 *U*	0.002	0.002 *U*	0.0003 *U*
BOSD0036	SCC-03	05/15/96	6 - 8	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.02 *U*	0.002 *U*	0.0006 *U*	0.002 *U*
BOSD0037	SCC-03	05/15/96	8 - 10	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.06 *U*	0.004 *U*	0.002 *U*	0.004 *U*
BOSD0038	SCC-03	05/15/96	10 - 12	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.07 *U*	0.003 *U*	0.002 *U*	0.003 *U*
BOSD0040	SCC-03	05/15/96	14 - 16	0.001 *U*	0.001 *U*	0.001 *U*	0.001 *U*	0.001 *U*	0.03 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0042	SCC-03	05/15/96	18 - 20	0.002 *U*	0.0005 *U*	0.0005 *U*	0.002 *U*	0.0005 *U*	0.03 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0402	SCCB-01	07/15/96	8 - 10	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.005 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0403	SCCB-01	07/15/96	10 - 12	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.01 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0405	SCCB-01	07/15/96	14 - 16	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0398	SCCB-01	07/15/96	0 - 2	0.002 *U*	0.0006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.02 *U*	0.002 *U*	0.002 *U*	0.00 *U*
BOSD0407	SCCB-01	07/15/96	18 - 20	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.007 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0399	SCCB-01	07/15/96	2 - 4	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.004 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0400	SCCB-01	07/15/96	4 - 6	0.002 *U*	0.0006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*

TABLE 1.3-4. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	alpha-Hexachloro-cyclohexane (mg/kg)	beta-Hexachloro-cyclohexane (mg/kg)	delta-Hexachloro-cyclohexane (mg/kg)	gamma-Hexachloro-cyclohexane (mg/kg)	Aldrin (mg/kg)	Chlordane (mg/kg)	Dieldrin (mg/kg)	alpha-Endosulfan (mg/kg)	beta-Endosulfan (mg/kg)
BOSD0401	SCCB-01	07/15/96	6 - 8	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.005 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0418	SCCB-02	07/15/96	8 - 10	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.005 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0419	SCCB-02	07/15/96	10 - 12	0.002 *U*	0.006 *U*	0.002 *U*	0.0003 *U*	0.002 *U*	0.004 *U*	0.002 *U*	0.002 *U*	0.00 *U*
BOSD0421	SCCB-02	07/15/96	14 - 16	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.005 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0414	SCCB-02	07/15/96	0 - 2	0.002 *U*	0.006 *U*	0.002 *U*	0.0003 *U*	0.002 *U*	0.009 *U*	0.002 *U*	0.0004 *U*	0.00 *U*
BOSD0424	SCCB-02	07/15/96	20 - 25	0.002 *U*	0.006 *U*	0.002 *U*	0.0006 *U*	0.002 *U*	0.01 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0415	SCCB-02	07/15/96	2 - 4	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.004 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0416	SCCB-02	07/15/96	4 - 6	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.004 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0417	SCCB-02	07/15/96	6 - 8	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.005 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0049	SCCD-04	05/21/96	0 - 2	0.04 *U*	0.2 *U*	0.04 *U*	0.04 *U*	0.04 *UJ*	3 *U*	0.07 *UJ*	0.04 *U*	0.04 *U*
BOSD0050	SCCD-04	05/21/96	2 - 4	0.04 *U*	0.2 *U*	0.04 *U*	0.04 *U*	0.07 *UJ*	3 *U*	0.1 *UJ*	0.04 *U*	0.04 *U*
BOSD0051	SCCD-04	05/21/96	4 - 6	0.02 *U*	0.06 *U*	0.02 *U*	0.02 *U*	0.02 *UJ*	2 *U*	0.1 *UJ*	0.1 *U*	0.1 *U*
BOSD0052	SCCD-04	05/21/96	6 - 8	0.04 *U*	0.2 *U*	0.04 *U*	0.04 *U*	0.04 *UJ*	3 *U*	0.2 *UJ*	0.04 *U*	0.2 *U*
BOSD0053	SCCD-04	05/21/96	8 - 10	0.02 *U*	0.06 *U*	0.02 *U*	0.02 *U*	0.1 *UJ*	4 *U*	0.2 *UJ*	0.02 *U*	0.05 *U*
BOSD0054	SCCD-04	05/21/96	10 - 12	0.04 *U*	0.2 *U*	0.04 *U*	0.04 *U*	0.04 *UJ*	3 *U*	0.1 *UJ*	0.06 *U*	0.04 *U*
BOSD0056	SCCD-04	05/21/96	14 - 16	0.02 *U*	0.06 *U*	0.02 *U*	0.02 *U*	0.02 *UJ*	4 *U*	0.2 *UJ*	0.02 *U*	0.2 *U*
BOSD0058	SCCD-04	05/21/96	18 - 20	0.04 *U*	0.2 *U*	0.04 *U*	0.04 *U*	0.04 *UJ*	5 *U*	0.2 *UJ*	0.06 *U*	0.04 *U*
BOSD0065	SCCD-05	05/16/96	0 - 2	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.2 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0066	SCCD-05	05/16/96	2 - 4	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.2 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0067	SCCD-05	05/16/96	4 - 6	0.04 *U*	0.04 *U*	0.04 *U*	0.04 *U*	0.04 *U*	0.4 *U*	0.04 *U*	0.04 *U*	0.04 *U*
BOSD0068	SCCD-05	05/16/96	6 - 8	0.04 *U*	0.04 *U*	0.04 *U*	0.04 *U*	0.04 *U*	0.4 *U*	0.04 *U*	0.04 *U*	0.04 *U*
BOSD0069	SCCD-05	05/16/96	8 - 10	0.02 *U*	0.06 *U*	0.02 *U*	0.02 *U*	0.02 *UJ*	0.5 *U*	0.04 *UJ*	0.02 *U*	0.02 *U*
BOSD0070	SCCD-05	05/16/96	10 - 12	0.04 *U*	0.2 *U*	0.04 *U*	0.04 *U*	0.04 *UJ*	0.7 *U*	0.05 *UJ*	0.04 *U*	0.04 *U*
BOSD0072	SCCD-05	05/16/96	14 - 16	0.04 *U*	0.2 *U*	0.04 *U*	0.04 *U*	0.04 *UJ*	0.5 *U*	0.05 *UJ*	0.04 *U*	0.04 *U*
BOSD0074	SCCD-05	05/16/96	18 - 20	0.04 *U*	0.2 *U*	0.04 *U*	0.04 *U*	0.04 *UJ*	0.5 *U*	0.04 *UJ*	0.04 *U*	0.04 *U*
BOSD0081	SCCD-06	05/22/96	0 - 2	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.03 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0082	SCCD-06	05/22/96	2 - 4	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.03 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0083	SCCD-06	05/22/96	4 - 6	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.03 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0084	SCCD-06	05/22/96	6 - 8	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.2 *U*	0.020 *U*	0.02 *U*	0.02 *U*
BOSD0085	SCCD-06	05/22/96	8 - 10	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.03 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0086	SCCD-06	05/22/96	10 - 12	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.03 *U*	0.002 *U*	0.002 *U*	0.002 *U*

TABLE 1.3-4. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	alpha-Hexachloro-cyclohexane (mg/kg)	beta-Hexachloro-cyclohexane (mg/kg)	delta-Hexachloro-cyclohexane (mg/kg)	gamma-Hexachloro-cyclohexane (mg/kg)	Aldrin (mg/kg)	Chlordane (mg/kg)	Dieldrin (mg/kg)	alpha-Endosulfan (mg/kg)	beta-Endosulfan (mg/kg)
BOSD0088	SCCD-06	05/22/96	14 - 16	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.07 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0090	SCCD-06	05/22/96	18 - 20	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.3 *U*	0.02 *U*	0.02 *U*	0.02 *U*
BOSD0097	SCCD-07	05/20/96	0 - 2	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.09 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0098	SCCD-07	05/20/96	2 - 4	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.04 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0099	SCCD-07	05/20/96	4 - 6	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.08 *U*	0.006 *U*	0.005 *U*	0.005 *U*
BOSD0100	SCCD-07	05/20/96	6 - 8	0.01 *U*	0.02 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.09 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0101	SCCD-07	05/20/96	8 - 10	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.05 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0102	SCCD-07	05/20/96	10 - 12	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.05 *U*	0.006 *U*	0.005 *U*	0.005 *U*
BOSD0104	SCCD-07	05/20/96	14 - 16	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.04 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0106	SCCD-07	05/20/96	18 - 20	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.04 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0113	SCCD-08	05/22/96	0 - 2	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.04 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0114	SCCD-08	05/22/96	2 - 4	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.04 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0115	SCCD-08	05/22/96	4 - 6	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.03 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0116	SCCD-08	05/22/96	6 - 8	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.03 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0117	SCCD-08	05/22/96	8 - 10	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.03 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0118	SCCD-08	05/22/96	10 - 12	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.03 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0120	SCCD-08	05/22/96	14 - 16	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.03 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0122	SCCD-08	05/22/96	18 - 20	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.03 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0129	SCCD-09	05/20/96	0 - 2	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *UJ*	0.2 *U*	0.02 *UJ*	0.003 *U*	0.02 *U*
BOSD0130	SCCD-09	05/20/96	2 - 4	0.004 *U*	0.02 *U*	0.004 *U*	0.004 *U*	0.004 *UJ*	0.3 *U*	0.008 *UJ*	0.004 *U*	0.004 *U*
BOSD0131	SCCD-09	05/20/96	4 - 6	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *UJ*	0.2 *U*	0.02 *UJ*	0.003 *U*	0.02 *U*
BOSD0132	SCCD-09	05/20/96	6 - 8	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *UJ*	0.05 *U*	0.01 *UJ*	0.01 *U*	0.01 *U*
BOSD0133	SCCD-09	05/20/96	8 - 10	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *UJ*	0.05 *U*	0.01 *UJ*	0.01 *U*	0.01 *U*
BOSD0134	SCCD-09	05/20/96	10 - 12	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *UJ*	0.06 *U*	0.02 *UJ*	0.01 *U*	0.01 *U*
BOSD0136	SCCD-09	05/20/96	14 - 16	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *UJ*	0.1 *U*	0.02 *UJ*	0.01 *U*	0.01 *U*
BOSD0138	SCCD-09	05/20/96	18 - 20	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *UJ*	0.04 *U*	0.01 *UJ*	0.01 *U*	0.01 *U*
BOSD0181	SCCD-12	07/14/96	8 - 10	0.0003 *U*	0.006 *U*	0.002 *U*	0.0004 *U*	0.002 *U*	0.02 *U*	0.00 *U*	0.002 *U*	0.001 *U*
BOSD0182	SCCD-12	07/14/96	10 - 12	0.0003 *U*	0.006 *U*	0.002 *U*	0.0008 *U*	0.002 *U*	0.03 *U*	0.0005 *U*	0.002 *U*	0.002 *U*
BOSD0184	SCCD-12	07/14/96	14 - 16	0.002 *UJ*	0.006 *UJ*	0.002 *UJ*	0.002 *UJ*	0.002 *UJ*	0.02 *UJ*	0.002 *UJ*	0.002 *UJ*	0.002 *UJ*
BOSD0177	SCCD-12	07/14/96	0 - 2	0.0003 *U*	0.006 *U*	0.0005 *U*	0.002 *U*	0.002 *U*	0.009 *U*	0.0005 *U*	0.002 *U*	0.002 *U*
BOSD0186	SCCD-12	07/14/96	18 - 20	0.0003 *U*	0.006 *U*	0.002 *U*	0.0006 *U*	0.002 *U*	0.03 *U*	0.0005 *U*	0.003 *U*	0.002 *U*

TABLE 1.3-4. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	alpha-Hexachloro-cyclohexane (mg/kg)	beta-Hexachloro-cyclohexane (mg/kg)	delta-Hexachloro-cyclohexane (mg/kg)	gamma-Hexachloro-cyclohexane (mg/kg)	Aldrin (mg/kg)	Chlordane (mg/kg)	Dieldrin (mg/kg)	alpha-Endosulfan (mg/kg)	beta-Endosulfan (mg/kg)
BOSD0178	SCCD-12	07/14/96	2 - 4	0.002 *UJ*	0.006 *UJ*	0.002 *UJ*	0.0006 *UJ*	0.002 *UJ*	0.02 *UJ*	0.002 *UJ*	0.002 *UJ*	0.002 *UJ*
BOSD0179	SCCD-12	07/14/96	4 - 6	0.000 *U*	0.0008 *U*	0.001 *U*	0.0004 *U*	0.0004 *U*	0.03 *U*	0.0008 *U*	0.003 *U*	0.0004 *U*
BOSD0180	SCCD-12	07/14/96	6 - 8	0.002 *U*	0.0005 *U*	0.0005 *U*	0.0003 *U*	0.003 *U*	0.02 *U*	0.002 *U*	0.003 *U*	0.002 *U*
BOSD0354	SCCD-14	07/13/96	8 - 10	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.01 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0355	SCCD-14	07/13/96	10 - 12	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.01 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0357	SCCD-14	07/13/96	14 - 16	0.002 *U*	0.006 *U*	0.003 *U*	0.002 *U*	0.002 *U*	0.01 *U*	0.002 *U*	0.002 *U*	0.0006 *U*
BOSD0350	SCCD-14	07/13/96	0 - 2	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.01 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0359	SCCD-14	07/13/96	18 - 20	0.002 *U*	0.006 *U*	0.001 *U*	0.002 *U*	0.002 *U*	0.01 *U*	0.002 *U*	0.002 *U*	0.0004 *U*
BOSD0351	SCCD-14	07/13/96	2 - 4	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.01 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0352	SCCD-14	07/13/96	4 - 6	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.01 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0353	SCCD-14	07/13/96	6 - 8	0.01 *U*	0.03 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.05 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0370	SCCD-15	07/13/96	8 - 10	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.01 *U*	0.002 *U*	0.0003 *U*	0.002 *U*
BOSD0371	SCCD-15	07/13/96	10 - 12	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.01 *U*	0.002 *U*	0.002 *U*	0.0004
BOSD0373	SCCD-15	07/13/96	14 - 16	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.01 *U*	0.002 *U*	0.0005	0.0004 *U*
BOSD0366	SCCD-15	07/13/96	0 - 2	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.01 *U*	0.002 *U*	0.002 *U*	0.0004 *U*
BOSD0375	SCCD-15	07/13/96	18 - 20	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.0003 *U*	0.01 *U*	0.002 *U*	0.0003	0.0005
BOSD0367	SCCD-15	07/13/96	2 - 4	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.01 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0368	SCCD-15	07/13/96	4 - 6	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.01 *U*	0.002 *U*	0.002 *U*	0.0004
BOSD0369	SCCD-15	07/13/96	6 - 8	0.002 *U*	0.002	0.002 *U*	0.002 *U*	0.002 *U*	0.01 *U*	0.002 *U*	0.0005	0.0003
BOSD0001	SCM-01	05/14/96	0 - 2	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.05 *U*	0.0005 *U*	0.002 *U*	0.002 *U*
BOSD0002	SCM-01	05/14/96	2 - 4	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.04 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0003	SCM-01	05/14/96	4 - 6	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.03 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0004	SCM-01	05/14/96	6 - 8	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.03 *U*	0.0004 *U*	0.002 *U*	0.002 *U*
BOSD0005	SCM-01	05/14/96	8 - 10	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.03 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0006	SCM-01	05/14/96	10 - 12	0.002 *UJ*	0.0005 *J*	0.006 *UJ*	0.002 *UJ*	0.000 *J*	0.005 *UJ*	0.002 *UJ*	0.0002 *J*	0.001 *UJ*
BOSD0008	SCM-01	05/14/96	14 - 16	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.03 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0010	SCM-01	05/14/96	18 - 20	0.003 *U*	0.003 *U*	0.003 *U*	0.003 *U*	0.003 *U*	0.04 *U*	0.003 *U*	0.003 *U*	0.005 *U*
BOSD0225	SCM-02	05/17/96	0 - 2	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.02 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0226	SCM-02	05/17/96	2 - 4	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.02 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0227	SCM-02	05/17/96	4 - 6	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.02 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0228	SCM-02	05/17/96	6 - 8	0.005 *U*	0.005 *U*	0.01 *U*	0.005 *U*	0.005 *U*	0.02 *U*	0.005 *U*	0.005 *U*	0.005 *U*

TABLE 1.3-4. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	alpha-Hexachloro-cyclohexane (mg/kg)	beta-Hexachloro-cyclohexane (mg/kg)	delta-Hexachloro-cyclohexane (mg/kg)	gamma-Hexachloro-cyclohexane (mg/kg)	Aldrin (mg/kg)	Chlordane (mg/kg)	Dieldrin (mg/kg)	alpha-Endosulfan (mg/kg)	beta-Endosulfan (mg/kg)
BOSD0229	SCM-02	05/17/96	8 - 10	0.01 *U*	0.010 *U*	0.01 *U*	0.010 *U*	0.01 *U*	0.05 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0230	SCM-02	05/17/96	10 - 12	0.01 *U*	0.010 *U*	0.01 *U*	0.010 *U*	0.01 *U*	0.05 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0232	SCM-02	05/17/96	14 - 16	0.01 *U*	0.010 *U*	0.01 *U*	0.010 *U*	0.01 *U*	0.05 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0234	SCM-02	05/17/96	18 - 20	0.005 *UJ*	0.005 *UJ*	0.005 *UJ*	0.005 *UJ*	0.005 *UJ*	0.05 *UJ*	0.005 *UJ*	0.005 *UJ*	0.005 *UJ*
BOSD0241	SCM-03	05/15/96	0 - 2	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.05 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0242	SCM-03	05/15/96	2 - 4	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.05 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0243	SCM-03	05/15/96	4 - 6	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.05 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0244	SCM-03	05/15/96	6 - 8	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.05 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0245	SCM-03	05/15/96	8 - 10	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.05 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0246	SCM-03	05/15/96	10 - 12	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.05 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0248	SCM-03	05/15/96	14 - 16	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.05 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0250	SCM-03	05/15/96	18 - 20	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.05 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0386	SCMB-01	07/15/96	8 - 10	0.002 *U*	0.0006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.01 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0387	SCMB-01	07/15/96	10 - 12	0.002 *UJ*	0.006 *UJ*	0.002 *UJ*	0.002 *UJ*	0.002 *UJ*	0.01 *UJ*	0.002 *UJ*	0.002 *UJ*	0.002 *UJ*
BOSD0389	SCMB-01	07/15/96	14 - 16	0.002 *UJ*	0.006 *UJ*	0.002 *UJ*	0.002 *UJ*	0.002 *UJ*	0.01 *UJ*	0.002 *UJ*	0.002 *UJ*	0.002 *UJ*
BOSD0382	SCMB-01	07/15/96	0 - 2	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.01 *U*	0.002 *U*	0.002 *U*	0.0003 *U*
BOSD0391	SCMB-01	07/15/96	18 - 20	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.01 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0383	SCMB-01	07/15/96	2 - 4	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.01 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0384	SCMB-01	07/15/96	4 - 6	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.004 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0385	SCMB-01	07/15/96	6 - 8	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.01 *U*	0.002 *U*	0.002 *U*	0.0003 *U*
Channel Reference												
BOSD0257	SCCR-01	05/18/96	0 - 2	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.07 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0258	SCCR-01	05/18/96	2 - 4	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.05 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0259	SCCR-01	05/18/96	4 - 6	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.04 *U*	0.002 *U*	0.0003 *U*	0.0003 *U*
BOSD0260	SCCR-01	05/18/96	6 - 8	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.04 *U*	0.002 *U*	0.002 *U*	0.0003 *U*
BOSD0261	SCCR-01	05/18/96	8 - 10	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.04 *U*	0.002 *U*	0.0003 *U*	0.0003 *U*
BOSD0262	SCCR-01	05/18/96	10 - 12	0.002 *U*	0.0008 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.04 *U*	0.0009	0.0005 *U*	0.0005 *U*
BOSD0264	SCCR-01	05/18/96	14 - 16	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.04 *U*	0.001 *U*	0.001 *U*	0.001 *U*
BOSD0266	SCCR-01	05/18/96	18 - 20	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.04 *U*	0.0006 *U*	0.002 *U*	0.0005 *U*

TABLE 1.3-4. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	alpha-Hexachloro-cyclohexane (mg/kg)	beta-Hexachloro-cyclohexane (mg/kg)	delta-Hexachloro-cyclohexane (mg/kg)	gamma-Hexachloro-cyclohexane (mg/kg)	Aldrin (mg/kg)	Chlordane (mg/kg)	Dieldrin (mg/kg)	alpha-Endosulfan (mg/kg)	beta-Endosulfan (mg/kg)
Marsh Reference												
BOSD0273	SCMR-01	05/18/96	0 - 2	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.01 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0274	SCMR-01	05/18/96	2 - 4	0.002 *U*	0.0007 *J*	0.002 *U*	0.002 *U*	0.0006 *J*	0.01 *U*	0.002 *U*	0.002 *U*	0.0006 *J*
BOSD0275	SCMR-01	05/18/96	4 - 6	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.01 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0276	SCMR-01	05/18/96	6 - 8	0.002 *U*	0.000 *J*	0.002 *U*	0.002 *U*	0.002 *U*	0.01 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0277	SCMR-01	05/18/96	8 - 10	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.01 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0278	SCMR-01	05/18/96	10 - 12	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.01 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0280	SCMR-01	05/18/96	14 - 16	0.002 *U*	0.001 *J*	0.002 *U*	0.002 *U*	0.002 *U*	0.01 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0282	SCMR-01	05/18/96	18 - 20	0.003 *UJ*	0.007 *UJ*	0.003 *UJ*	0.003 *UJ*	0.003 *UJ*	0.02 *UJ*	0.003 *UJ*	0.003 *UJ*	0.003 *UJ*

TABLE 1.3-4. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Endosulfan sulfate (mg/kg)	Endrin (mg/kg)	Endrin aldehyde (mg/kg)	Heptachlor epoxide (mg/kg)	Heptachlor (mg/kg)	Methoxychlor (mg/kg)	4,4'-DDD (mg/kg)	4,4'-DDE (mg/kg)	4,4'-DDT (mg/kg)
BOSD0209	SCC-01	05/17/96	0 - 2	0.01 *U*	0.01 *U*	0.03 *U*	0.01 *U*	0.01 *U*	0.4 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0210	SCC-01	05/17/96	2 - 4	0.01 *U*	0.01 *U*	0.03 *U*	0.01 *U*	0.01 *U*	0.4 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0211	SCC-01	05/17/96	4 - 6	0.01 *U*	0.01 *U*	0.03 *U*	0.01 *U*	0.01 *U*	0.4 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0212	SCC-01	05/17/96	6 - 8	0.01 *U*	0.01 *U*	0.03 *U*	0.01 *U*	0.01 *U*	0.4 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0213	SCC-01	05/17/96	8 - 10	0.01 *U*	0.01 *U*	0.03 *U*	0.01 *U*	0.01 *U*	0.4 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0214	SCC-01	05/17/96	10 - 12	0.01 *U*	0.01 *U*	0.03 *U*	0.01 *U*	0.01 *U*	0.4 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0216	SCC-01	05/17/96	14 - 16	0.01 *U*	0.01 *U*	0.03 *U*	0.01 *U*	0.01 *U*	0.4 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0218	SCC-01	05/17/96	18 - 20	0.01 *U*	0.01 *U*	0.03 *U*	0.01 *U*	0.01 *U*	0.4 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0017	SCC-02	05/17/96	0 - 2	0.05 *U*	0.02 *U*	0.1 *U*	0.02 *U*	0.02 *U*	0.1 *U*	0.02 *U*	0.02 *U*	0.02 *U*
BOSD0018	SCC-02	05/17/96	2 - 4	0.01 *U*	0.01 *U*	0.08 *U*	0.01 *U*	0.01 *U*	0.1 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0019	SCC-02	05/17/96	4 - 6	0.01 *U*	0.01 *U*	0.05 *U*	0.01 *U*	0.01 *U*	0.05 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0020	SCC-02	05/17/96	6 - 8	0.01 *U*	0.01 *U*	0.05 *U*	0.01 *U*	0.01 *U*	0.05 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0021	SCC-02	05/17/96	8 - 10	0.05 *U*	0.02 *U*	0.1 *U*	0.02 *U*	0.02 *U*	0.1 *U*	0.02 *U*	0.02 *U*	0.02 *U*
BOSD0022	SCC-02	05/17/96	10 - 12	0.05 *U*	0.02 *U*	0.1 *U*	0.02 *U*	0.02 *U*	0.1 *U*	0.02 *U*	0.02 *U*	0.02 *U*
BOSD0024	SCC-02	05/17/96	14 - 16	0.05 *U*	0.02 *U*	0.1 *U*	0.02 *U*	0.02 *U*	0.1 *U*	0.02 *U*	0.02 *U*	0.02 *U*
BOSD0026	SCC-02	05/17/96	18 - 20	0.05 *U*	0.02 *U*	0.1 *U*	0.02 *U*	0.02 *U*	0.1 *U*	0.02 *U*	0.02 *U*	0.02 *U*
BOSD0033	SCC-03	05/15/96	0 - 2	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.2 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0034	SCC-03	05/15/96	2 - 4	0.005 *U*	0.005 *U*	0.007 *U*	0.005 *U*	0.005 *U*	0.2 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0035	SCC-03	05/15/96	4 - 6	0.002 *U*	0.0005 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.05 *U*	0.002 *U*	0.002 *U*	0.0004 *U*
BOSD0036	SCC-03	05/15/96	6 - 8	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.06 *U*	0.002 *U*	0.0006 *U*	0.002 *U*
BOSD0037	SCC-03	05/15/96	8 - 10	0.004 *U*	0.004 *U*	0.004 *U*	0.002 *U*	0.002 *U*	0.07 *U*	0.004 *U*	0.004 *U*	0.004 *U*
BOSD0038	SCC-03	05/15/96	10 - 12	0.003 *U*	0.003 *U*	0.003 *U*	0.002 *U*	0.002 *U*	0.07	0.003 *U*	0.003 *U*	0.003 *U*
BOSD0040	SCC-03	05/15/96	14 - 16	0.002 *U*	0.002 *U*	0.002 *U*	0.001 *U*	0.001 *U*	0.02 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0042	SCC-03	05/15/96	18 - 20	0.002 *U*	0.002 *U*	0.002 *U*	0.0005 *U*	0.0005 *U*	0.02 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0402	SCCB-01	07/15/96	8 - 10	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.003 *U*	0.0005 *U*	0.002 *U*	0.002 *U*
BOSD0403	SCCB-01	07/15/96	10 - 12	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.0004 *U*	0.002 *U*	0.002 *U*
BOSD0405	SCCB-01	07/15/96	14 - 16	0.002 *U*	0.0007 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.004 *U*	0.0003 *U*	0.002 *U*	0.0007 *U*
BOSD0398	SCCB-01	07/15/96	0 - 2	0.002 *U*	0.003 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.006 *U*	0.0005 *U*	0.0005 *U*	0.002 *U*
BOSD0407	SCCB-01	07/15/96	18 - 20	0.002 *U*	0.0009 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.004 *U*	0.0004 *U*	0.0005 *U*	0.002 *U*
BOSD0399	SCCB-01	07/15/96	2 - 4	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.004 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0400	SCCB-01	07/15/96	4 - 6	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.003 *U*	0.002 *U*	0.0005 *U*	0.002 *U*

TABLE 1.3-4. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Endosulfan sulfate (mg/kg)	Endrin (mg/kg)	Endrin aldehyde (mg/kg)	Heptachlor epoxide (mg/kg)	Heptachlor (mg/kg)	Methoxychlor (mg/kg)	4,4'-DDD (mg/kg)	4,4'-DDE (mg/kg)	4,4'-DDT (mg/kg)
BOSD0401	SCCB-01	07/15/96	6 - 8	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.004 *U*	0.0003 *U*	0.002 *U*	0.002 *U*
BOSD0418	SCCB-02	07/15/96	8 - 10	0.002 *U*	0.0008 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.003 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0419	SCCB-02	07/15/96	10 - 12	0.002 *U*	0.0008 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0421	SCCB-02	07/15/96	14 - 16	0.002 *U*	0.0006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.003 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0414	SCCB-02	07/15/96	0 - 2	0.002 *U*	0.004 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.003 *U*	0.001 *U*	0.002 *U*	0.002 *U*
BOSD0424	SCCB-02	07/15/96	20 - 25	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0415	SCCB-02	07/15/96	2 - 4	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0416	SCCB-02	07/15/96	4 - 6	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0417	SCCB-02	07/15/96	6 - 8	0.002 *U*	0.0007 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.004 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0049	SCCD-04	05/21/96	0 - 2	0.04 *U*	0.04 *UJ*	0.4 *U*	0.04 *U*	0.04 *U*	8 *U*	0.04 *U*	0.04 *U*	0.04 *U*
BOSD0050	SCCD-04	05/21/96	2 - 4	0.04 *U*	0.04 *UJ*	0.4 *U*	0.04 *U*	0.04 *U*	10 *U*	0.04 *U*	0.04 *U*	0.04 *U*
BOSD0051	SCCD-04	05/21/96	4 - 6	0.1 *U*	0.1 *UJ*	0.4 *U*	0.1 *U*	0.02 *U*	9 *U*	0.1 *U*	0.1 *U*	0.1 *U*
BOSD0052	SCCD-04	05/21/96	6 - 8	0.2 *U*	0.2 *UJ*	0.5 *U*	0.04 *U*	0.04 *U*	9 *U*	0.2 *U*	0.2 *U*	0.2 *U*
BOSD0053	SCCD-04	05/21/96	8 - 10	0.05 *U*	0.05 *UJ*	10 *U*	0.02 *U*	0.03 *U*	20 *U*	0.05 *U*	0.03 *U*	0.05 *U*
BOSD0054	SCCD-04	05/21/96	10 - 12	0.04 *U*	0.04 *UJ*	0.4 *U*	0.04 *U*	0.04 *U*	10 *U*	0.04 *U*	0.04 *U*	0.04 *U*
BOSD0056	SCCD-04	05/21/96	14 - 16	0.2 *U*	0.2 *UJ*	10 *U*	0.02 *U*	0.04 *U*	15 *U*	0.2 *U*	0.2 *U*	0.2 *U*
BOSD0058	SCCD-04	05/21/96	18 - 20	0.04 *U*	0.05 *UJ*	10 *U*	0.04 *U*	0.04 *U*	15 *U*	0.04 *U*	0.04 *U*	0.04 *U*
BOSD0065	SCCD-05	05/16/96	0 - 2	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.04 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0066	SCCD-05	05/16/96	2 - 4	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.04 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0067	SCCD-05	05/16/96	4 - 6	0.04 *U*	0.04 *U*	0.07 *U*	0.04 *U*	0.04 *U*	0.1 *U*	0.04 *U*	0.04 *U*	0.04 *U*
BOSD0068	SCCD-05	05/16/96	6 - 8	0.04 *U*	0.04 *U*	0.06 *U*	0.04 *U*	0.04 *U*	0.1 *U*	0.04 *U*	0.04 *U*	0.04 *U*
BOSD0069	SCCD-05	05/16/96	8 - 10	0.02 *U*	0.02 *UJ*	0.02 *U*	0.02 *U*	0.02 *U*	4 *U*	0.02 *U*	0.02 *U*	0.02 *U*
BOSD0070	SCCD-05	05/16/96	10 - 12	0.04 *U*	0.04 *UJ*	0.2 *U*	0.04 *U*	0.04 *U*	2 *U*	0.04 *U*	0.04 *U*	0.04 *U*
BOSD0072	SCCD-05	05/16/96	14 - 16	0.04 *U*	0.04 *UJ*	0.2 *U*	0.04 *U*	0.04 *U*	6 *U*	0.04 *U*	0.04 *U*	0.04 *U*
BOSD0074	SCCD-05	05/16/96	18 - 20	0.04 *U*	0.04 *UJ*	0.2 *U*	0.04 *U*	0.04 *U*	5 *U*	0.04 *U*	0.04 *U*	0.04 *U*
BOSD0081	SCCD-06	05/22/96	0 - 2	0.002 *U*	0.002 *U*	0.004 *U*	0.002 *U*	0.002 *U*	0.05 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0082	SCCD-06	05/22/96	2 - 4	0.005 *U*	0.005 *U*	0.02 *U*	0.005 *U*	0.005 *U*	0.06 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0083	SCCD-06	05/22/96	4 - 6	0.002 *U*	0.002 *U*	0.007 *U*	0.002 *U*	0.002 *U*	0.09 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0084	SCCD-06	05/22/96	6 - 8	0.020 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.1 *U*	0.02 *U*	0.02 *U*	0.02 *U*
BOSD0085	SCCD-06	05/22/96	8 - 10	0.005 *U*	0.005 *U*	0.09 *U*	0.005 *U*	0.005 *U*	0.2 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0086	SCCD-06	05/22/96	10 - 12	0.002 *U*	0.002 *U*	0.009 *U*	0.002 *U*	0.002 *U*	0.09 *U*	0.002 *U*	0.002 *U*	0.002 *U*

TABLE 1.3-4. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Endosulfan sulfate (mg/kg)	Endrin (mg/kg)	Endrin aldehyde (mg/kg)	Heptachlor epoxide (mg/kg)	Heptachlor (mg/kg)	Methoxychlor (mg/kg)	4,4'-DDD (mg/kg)	4,4'-DDE (mg/kg)	4,4'-DDT (mg/kg)
BOSD0088	SCCD-06	05/22/96	14 - 16	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.08 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0090	SCCD-06	05/22/96	18 - 20	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*
BOSD0097	SCCD-07	05/20/96	0 - 2	0.01 *U*	0.01 *U*	0.03 *U*	0.01 *U*	0.01 *U*	0.4 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0098	SCCD-07	05/20/96	2 - 4	0.01 *U*	0.01 *U*	0.03 *U*	0.01 *U*	0.01 *U*	0.4 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0099	SCCD-07	05/20/96	4 - 6	0.01 *U*	0.005 *U*	0.006 *U*	0.005 *U*	0.005 *U*	0.2 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0100	SCCD-07	05/20/96	6 - 8	0.01 *U*	0.01 *U*	0.03 *U*	0.01 *U*	0.01 *U*	0.4 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0101	SCCD-07	05/20/96	8 - 10	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.2 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0102	SCCD-07	05/20/96	10 - 12	0.005 *U*	0.005 *U*	0.006 *U*	0.005 *U*	0.005 *U*	0.2 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0104	SCCD-07	05/20/96	14 - 16	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.2 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0106	SCCD-07	05/20/96	18 - 20	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.2 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0113	SCCD-08	05/22/96	0 - 2	0.002 *U*	0.002 *U*	0.003 *U*	0.002 *U*	0.002 *U*	0.04 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0114	SCCD-08	05/22/96	2 - 4	0.002 *U*	0.002 *U*	0.003 *U*	0.002 *U*	0.002 *U*	0.06 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0115	SCCD-08	05/22/96	4 - 6	0.002 *U*	0.002 *U*	0.003 *U*	0.002 *U*	0.002 *U*	0.06 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0116	SCCD-08	05/22/96	6 - 8	0.002 *U*	0.002 *U*	0.004 *U*	0.002 *U*	0.002 *U*	0.06 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0117	SCCD-08	05/22/96	8 - 10	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.04 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0118	SCCD-08	05/22/96	10 - 12	0.002 *U*	0.002 *U*	0.003 *U*	0.002 *U*	0.002 *U*	0.05 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0120	SCCD-08	05/22/96	14 - 16	0.002 *U*	0.002 *U*	0.003 *U*	0.002 *U*	0.002 *U*	0.04 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0122	SCCD-08	05/22/96	18 - 20	0.002 *U*	0.002 *U*	0.005 *U*	0.002 *U*	0.002 *U*	0.07 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0129	SCCD-09	05/20/96	0 - 2	0.02 *U*	0.02 *UJ*	0.02 *U*	0.002 *U*	0.002 *U*	0.2 *U*	0.02 *U*	0.003 *U*	0.02 *U*
BOSD0130	SCCD-09	05/20/96	2 - 4	0.004 *U*	0.004 *UJ*	0.009 *U*	0.004 *U*	0.004 *U*	0.2 *U*	0.004 *U*	0.004 *U*	0.004 *U*
BOSD0131	SCCD-09	05/20/96	4 - 6	0.02 *U*	0.02 *UJ*	0.02 *U*	0.002 *U*	0.002 *U*	0.2 *U*	0.02 *U*	0.004 *U*	0.02 *U*
BOSD0132	SCCD-09	05/20/96	6 - 8	0.01 *U*	0.01 *UJ*	0.02 *U*	0.01 *U*	0.01 *U*	0.2 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0133	SCCD-09	05/20/96	8 - 10	0.01 *U*	0.01 *UJ*	0.02 *U*	0.01 *U*	0.01 *U*	0.2 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0134	SCCD-09	05/20/96	10 - 12	0.01 *U*	0.01 *UJ*	0.03 *U*	0.01 *U*	0.01 *U*	0.2 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0136	SCCD-09	05/20/96	14 - 16	0.01 *U*	0.01 *UJ*	0.03 *U*	0.01 *U*	0.01 *U*	0.2 *U*	0.01 *U*	0.02 *U*	0.01 *U*
BOSD0138	SCCD-09	05/20/96	18 - 20	0.01 *U*	0.01 *UJ*	0.04 *U*	0.01 *U*	0.01 *U*	0.4 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0181	SCCD-12	07/14/96	8 - 10	0.0007 *U*	0.002 *U*	0.001 *U*	0.002 *U*	0.002 *U*	0.004 *U*	0.002 *U*	0.0006	0.002
BOSD0182	SCCD-12	07/14/96	10 - 12	0.0008 *U*	0.0005 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.0003 *U*	0.001	0.001
BOSD0184	SCCD-12	07/14/96	14 - 16	0.002 *UJ*	0.002 *UJ*	0.002 *UJ*	0.002 *UJ*	0.002 *UJ*	0.004 *UJ*	0.0003 *UJ*	0.0005 *J*	0.0005 *UJ*
BOSD0177	SCCD-12	07/14/96	0 - 2	0.0006 *U*	0.0005 *U*	0.0005 *U*	0.002 *U*	0.002 *U*	0.004 *U*	0.0004	0.001	0.001 *U*
BOSD0186	SCCD-12	07/14/96	18 - 20	0.0007	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.004 *U*	0.0003 *U*	0.001	0.0006 *U*

TABLE 1.3-4. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Endosulfan sulfate (mg/kg)	Endrin (mg/kg)	Endrin aldehyde (mg/kg)	Heptachlor epoxide (mg/kg)	Heptachlor (mg/kg)	Methoxychlor (mg/kg)	4,4'-DDD (mg/kg)	4,4'-DDE (mg/kg)	4,4'-DDT (mg/kg)
BOSD0178	SCCD-12	07/14/96	2 - 4	0.0006 *UJ*	0.002 *UJ*	0.0007 *UJ*	0.002 *UJ*	0.002 *UJ*	0.002 *UJ*	0.0003 *J*	0.0005 *UJ*	0.0007 *UJ*
BOSD0179	SCCD-12	07/14/96	4 - 6	0.002 *U*	0.0008 *U*	0.003 *U*	0.0008 *U*	0.0004 *U*	0.004 *U*	0.0005 *U*	0.001 *U*	0.0004 *U*
BOSD0180	SCCD-12	07/14/96	6 - 8	0.0005 *U*	0.0006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.004 *U*	0.0003 *U*	0.0008	0.002 *U*
BOSD0354	SCCD-14	07/13/96	8 - 10	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.004 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0355	SCCD-14	07/13/96	10 - 12	0.002 *U*	0.002 *U*	0.003 *U*	0.002 *U*	0.002 *U*	0.004 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0357	SCCD-14	07/13/96	14 - 16	0.002 *U*	0.002 *U*	0.0004 *U*	0.003 *U*	0.002 *U*	0.004 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0350	SCCD-14	07/13/96	0 - 2	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.004 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0359	SCCD-14	07/13/96	18 - 20	0.002 *U*	0.002 *U*	0.0003 *U*	0.002 *U*	0.002 *U*	0.004 *U*	0.002 *U*	0.002 *U*	0.0003 *U*
BOSD0351	SCCD-14	07/13/96	2 - 4	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.004 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0352	SCCD-14	07/13/96	4 - 6	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.004 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0353	SCCD-14	07/13/96	6 - 8	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.02 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0370	SCCD-15	07/13/96	8 - 10	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.005 *U*	0.002 *U*	0.002 *U*	0.005 *U*
BOSD0371	SCCD-15	07/13/96	10 - 12	0.002 *U*	0.002 *U*	0.002 *U*	0.0006 *U*	0.002 *U*	0.005 *U*	0.002 *U*	0.0006	0.009 *U*
BOSD0373	SCCD-15	07/13/96	14 - 16	0.003 *U*	0.002 *U*	0.002 *U*	0.001 *U*	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.013 *U*
BOSD0366	SCCD-15	07/13/96	0 - 2	0.002 *U*	0.002 *U*	0.002 *U*	0.0006 *U*	0.002 *U*	0.003 *U*	0.002 *U*	0.002 *U*	0.005 *U*
BOSD0375	SCCD-15	07/13/96	18 - 20	0.002 *U*	0.002 *U*	0.0004 *U*	0.0005 *U*	0.002 *U*	0.005 *U*	0.002 *U*	0.0004	0.007 *U*
BOSD0367	SCCD-15	07/13/96	2 - 4	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.004 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0368	SCCD-15	07/13/96	4 - 6	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0369	SCCD-15	07/13/96	6 - 8	0.002 *U*	0.002 *U*	0.002 *U*	0.0005 *U*	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.006 *U*
BOSD0001	SCM-01	05/14/96	0 - 2	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.04 *U*	0.0002	0.002 *U*	0.002 *U*
BOSD0002	SCM-01	05/14/96	2 - 4	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.01 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0003	SCM-01	05/14/96	4 - 6	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.02 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0004	SCM-01	05/14/96	6 - 8	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.04 *U*	0.002 *U*	0.0007 *U*	0.002 *U*
BOSD0005	SCM-01	05/14/96	8 - 10	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.02 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0006	SCM-01	05/14/96	10 - 12	0.002 *UJ*	0.002 *UJ*	0.002 *UJ*	0.002 *UJ*	0.002 *UJ*	0.004 *UJ*	0.001 *UJ*	0.0008 *J*	0.002 *UJ*
BOSD0008	SCM-01	05/14/96	14 - 16	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.02 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0010	SCM-01	05/14/96	18 - 20	0.005 *U*	0.003 *U*	0.005 *U*	0.003 *U*	0.003 *U*	0.01 *U*	0.005 *U*	0.003 *U*	0.005 *U*
BOSD0225	SCM-02	05/17/96	0 - 2	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.02 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0226	SCM-02	05/17/96	2 - 4	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.02 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0227	SCM-02	05/17/96	4 - 6	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.02 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0228	SCM-02	05/17/96	6 - 8	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.02 *U*	0.005 *U*	0.005 *U*	0.005 *U*

TABLE 1.3-4. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Endosulfan sulfate (mg/kg)	Endrin (mg/kg)	Endrin aldehyde (mg/kg)	Heptachlor epoxide (mg/kg)	Heptachlor (mg/kg)	Methoxychlor (mg/kg)	4,4'-DDD (mg/kg)	4,4'-DDE (mg/kg)	4,4'-DDT (mg/kg)
BOSD0229	SCM-02	05/17/96	8 - 10	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.04 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0230	SCM-02	05/17/96	10 - 12	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.04 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0232	SCM-02	05/17/96	14 - 16	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.04 *U*	0.01 *U*	0.01 *U*	0.01 *U*
BOSD0234	SCM-02	05/17/96	18 - 20	0.005 *UJ*	0.005 *UJ*	0.005 *UJ*	0.005 *UJ*	0.005 *UJ*	0.02 *UJ*	0.005 *UJ*	0.005 *UJ*	0.005 *UJ*
BOSD0241	SCM-03	05/15/96	0 - 2	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.02 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0242	SCM-03	05/15/96	2 - 4	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.02 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0243	SCM-03	05/15/96	4 - 6	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.02 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0244	SCM-03	05/15/96	6 - 8	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.02 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0245	SCM-03	05/15/96	8 - 10	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.02 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0246	SCM-03	05/15/96	10 - 12	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.02 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0248	SCM-03	05/15/96	14 - 16	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.02 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0250	SCM-03	05/15/96	18 - 20	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.005 *U*	0.02 *U*	0.005 *U*	0.005 *U*	0.005 *U*
BOSD0386	SCMB-01	07/15/96	8 - 10	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.004 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0387	SCMB-01	07/15/96	10 - 12	0.002 *UJ*	0.002 *UJ*	0.002 *UJ*	0.002 *UJ*	0.002 *UJ*	0.004 *UJ*	0.002 *UJ*	0.002 *UJ*	0.002 *UJ*
BOSD0389	SCMB-01	07/15/96	14 - 16	0.002 *UJ*	0.002 *UJ*	0.002 *UJ*	0.002 *UJ*	0.002 *UJ*	0.004 *UJ*	0.002 *UJ*	0.002 *UJ*	0.002 *UJ*
BOSD0382	SCMB-01	07/15/96	0 - 2	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0391	SCMB-01	07/15/96	18 - 20	0.002 *U*	0.002 *U*	0.0004 *U*	0.002 *U*	0.002 *U*	0.004 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0383	SCMB-01	07/15/96	2 - 4	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.0003 *U*	0.004 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0384	SCMB-01	07/15/96	4 - 6	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0385	SCMB-01	07/15/96	6 - 8	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.003 *U*	0.002 *U*	0.002 *U*	0.002 *U*
Channel Reference												
BOSD0257	SCCR-01	05/18/96	0 - 2	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.003 *U*	0.002 *U*	0.002 *U*	0.005
BOSD0258	SCCR-01	05/18/96	2 - 4	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.005 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0259	SCCR-01	05/18/96	4 - 6	0.002 *U*	0.002 *U*	0.0002	0.002 *U*	0.002 *U*	0.005 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0260	SCCR-01	05/18/96	6 - 8	0.002 *U*	0.002 *U*	0.0003	0.002 *U*	0.002 *U*	0.005 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0261	SCCR-01	05/18/96	8 - 10	0.002 *U*	0.002 *U*	0.0003 *U*	0.002 *U*	0.002 *U*	0.007 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0262	SCCR-01	05/18/96	10 - 12	0.002 *U*	0.002 *U*	0.0007 *U*	0.002 *U*	0.002 *U*	0.008 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0264	SCCR-01	05/18/96	14 - 16	0.001 *U*	0.001 *U*	0.001 *U*	0.002 *U*	0.002 *U*	0.006 *U*	0.001 *U*	0.001 *U*	0.001 *U*
BOSD0266	SCCR-01	05/18/96	18 - 20	0.002 *U*	0.002 *U*	0.0003	0.002 *U*	0.002 *U*	0.005 *U*	0.0005	0.002 *U*	0.002 *U*

TABLE 1.3-4. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Endosulfan sulfate (mg/kg)	Endrin (mg/kg)	Endrin aldehyde (mg/kg)	Heptachlor epoxide (mg/kg)	Heptachlor (mg/kg)	Methoxychlor (mg/kg)	4,4'-DDD (mg/kg)	4,4'-DDE (mg/kg)	4,4'-DDT (mg/kg)
Marsh Reference												
BOSD0273	SCMR-01	05/18/96	0 - 2	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.004 *U*	0.002 *U*	0.002 *U*	0.001 *J*
BOSD0274	SCMR-01	05/18/96	2 - 4	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.004 *U*	0.0003 *J*	0.002 *U*	0.002 *U*
BOSD0275	SCMR-01	05/18/96	4 - 6	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.004 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0276	SCMR-01	05/18/96	6 - 8	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.004 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0277	SCMR-01	05/18/96	8 - 10	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.004 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0278	SCMR-01	05/18/96	10 - 12	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.004 *U*	0.002 *U*	0.0004 *J*	0.0004 *J*
BOSD0280	SCMR-01	05/18/96	14 - 16	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.004 *U*	0.002 *U*	0.002 *U*	0.002 *U*
BOSD0282	SCMR-01	05/18/96	18 - 20	0.003 *UJ*	0.003 *UJ*	0.003 *UJ*	0.003 *UJ*	0.003 *UJ*	0.005 *UJ*	0.003 *UJ*	0.003 *UJ*	0.003 *UJ*

TABLE 1.3-4. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Toxaphene (mg/kg)	Aroclor® 1016 (mg/kg)	Aroclor® 1221 (mg/kg)	Aroclor® 1232 (mg/kg)	Aroclor® 1242 (mg/kg)	Aroclor® 1248 (mg/kg)	Aroclor® 1254 (mg/kg)	Aroclor® 1260 (mg/kg)	Aroclor® 1268 (mg/kg)
BOSD0209	SCC-01	05/17/96	0 - 2	0.4 *U*	0.04 *U*	0.04 *U*	0.04 *U*	0.04 *U*	0.05 *U*	0.2 *U*	0.8 *U*	9.0
BOSD0210	SCC-01	05/17/96	2 - 4	0.3 *U*	0.02 *U*	0.02 *U*	0.03 *U*	0.03 *U*	0.06 *U*	0.3 *U*	0.8 *U*	10
BOSD0211	SCC-01	05/17/96	4 - 6	0.3 *U*	0.02 *U*	0.02 *U*	0.04 *U*	0.03 *U*	0.07 *U*	0.3 *U*	0.9 *U*	11
BOSD0212	SCC-01	05/17/96	6 - 8	0.4 *U*	3 *U*	3 *U*	3 *U*	3 *U*	3 *U*	3 *U*	3 *U*	19
BOSD0213	SCC-01	05/17/96	8 - 10	0.3 *U*	3 *U*	3 *U*	3 *U*	3 *U*	3 *U*	3 *U*	3 *U*	18
BOSD0214	SCC-01	05/17/96	10 - 12	0.3 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	17
BOSD0216	SCC-01	05/17/96	14 - 16	0.3 *U*	3 *U*	3 *U*	3 *U*	3 *U*	3 *U*	3 *U*	3 *U*	16
BOSD0218	SCC-01	05/17/96	18 - 20	0.2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	19
BOSD0017	SCC-02	05/17/96	0 - 2	0.2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	9 *U*	96
BOSD0018	SCC-02	05/17/96	2 - 4	0.2 *U*	3 *U*	3 *U*	3 *U*	3 *U*	3 *U*	3 *U*	5 *U*	43
BOSD0019	SCC-02	05/17/96	4 - 6	0.2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	4 *U*	33
BOSD0020	SCC-02	05/17/96	6 - 8	0.2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	18
BOSD0021	SCC-02	05/17/96	8 - 10	0.2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	4 *U*	45
BOSD0022	SCC-02	05/17/96	10 - 12	0.2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	4 *U*	38
BOSD0024	SCC-02	05/17/96	14 - 16	0.2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	3 *U*	33
BOSD0026	SCC-02	05/17/96	18 - 20	0.2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	24
BOSD0033	SCC-03	05/15/96	0 - 2	0.3 *U*	0.008 *U*	0.02 *U*	0.02 *U*	0.006 *U*	0.02 *U*	0.04 *U*	0.2 *U*	1.5
BOSD0034	SCC-03	05/15/96	2 - 4	0.3 *U*	0.008 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.04 *U*	0.2 *U*	1.9
BOSD0035	SCC-03	05/15/96	4 - 6	0.2 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.005 *U*	0.004 *U*	0.02 *U*	0.1 *U*	0.75
BOSD0036	SCC-03	05/15/96	6 - 8	0.2 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.004 *U*	0.02 *U*	0.1 *U*	0.57
BOSD0037	SCC-03	05/15/96	8 - 10	0.3 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.04 *U*	0.1 *U*	0.98
BOSD0038	SCC-03	05/15/96	10 - 12	0.3 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.03 *U*	0.1 *U*	0.66
BOSD0040	SCC-03	05/15/96	14 - 16	0.2 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.14
BOSD0042	SCC-03	05/15/96	18 - 20	0.2 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.02 *U*	0.15
BOSD0402	SCCB-01	07/15/96	8 - 10	0.04 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.007 *U*	0.02 *U*	0.02 *U*	0.02
BOSD0403	SCCB-01	07/15/96	10 - 12	0.02 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.005 *U*	0.01 *U*	0.005 *U*	0.01
BOSD0405	SCCB-01	07/15/96	14 - 16	0.02 *U*	0.005 *U*	0.01 *U*	0.01 *U*	0.006 *U*	0.02 *U*	0.005 *U*	0.004 *U*	0.03
BOSD0398	SCCB-01	07/15/96	0 - 2	0.04 *U*	0.008 *U*	0.02 *U*	0.02 *U*	0.006 *U*	0.02 *U*	0.008 *U*	0.05 *U*	0.04
BOSD0407	SCCB-01	07/15/96	18 - 20	0.02 *U*	0.006 *U*	0.01 *U*	0.01 *U*	0.009 *U*	0.009 *U*	0.006 *U*	0.004 *U*	0.06
BOSD0399	SCCB-01	07/15/96	2 - 4	0.006 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.006 *U*	0.01 *U*	0.004 *U*	0.03
BOSD0400	SCCB-01	07/15/96	4 - 6	0.02 *U*	0.008 *U*	0.02 *U*	0.02 *U*	0.009 *U*	0.009 *U*	0.006 *U*	0.006 *U*	0.02

TABLE 1.3-4. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Toxaphene (mg/kg)	Aroclor® 1016 (mg/kg)	Aroclor® 1221 (mg/kg)	Aroclor® 1232 (mg/kg)	Aroclor® 1242 (mg/kg)	Aroclor® 1248 (mg/kg)	Aroclor® 1254 (mg/kg)	Aroclor® 1260 (mg/kg)	Aroclor® 1268 (mg/kg)
BOSD0401	SCCB-01	07/15/96	6 - 8	0.02 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.007 *U*	0.008 *U*	0.004 *U*	0.005 *U*	0.03
BOSD0418	SCCB-02	07/15/96	8 - 10	0.02 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.004 *U*	0.02 *U*	0.007 *U*	0.006 *U*	0.02
BOSD0419	SCCB-02	07/15/96	10 - 12	0.02 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.005 *U*	0.006 *U*	0.004 *U*	0.006
BOSD0421	SCCB-02	07/15/96	14 - 16	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.02 *U*	0.01 *U*	0.02 *U*	0.02
BOSD0414	SCCB-02	07/15/96	0 - 2	0.2 *U*	0.008 *U*	0.02 *U*	0.02 *U*	0.007 *U*	0.02 *U*	0.05 *U*	0.08 *U*	0.02
BOSD0424	SCCB-02	07/15/96	20 - 25	0.03 *U*	0.005 *U*	0.01 *U*	0.02 *U*	0.008 *U*	0.03 *U*	0.02 *U*	0.009 *U*	0.01
BOSD0415	SCCB-02	07/15/96	2 - 4	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.004 *U*	0.005 *U*	0.01 *U*	0.01 *U*	0.01
BOSD0416	SCCB-02	07/15/96	4 - 6	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.004 *U*	0.008 *U*	0.01 *U*	0.01 *U*	0.01
BOSD0417	SCCB-02	07/15/96	6 - 8	0.02 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.004 *U*	0.008 *U*	0.007 *U*	0.007 *U*	0.03
BOSD0049	SCCD-04	05/21/96	0 - 2	11 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	8 *U*	140
BOSD0050	SCCD-04	05/21/96	2 - 4	12 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	12 *U*	200
BOSD0051	SCCD-04	05/21/96	4 - 6	10 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	10 *U*	150
BOSD0052	SCCD-04	05/21/96	6 - 8	11 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	10 *U*	160
BOSD0053	SCCD-04	05/21/96	8 - 10	10 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	12 *U*	170
BOSD0054	SCCD-04	05/21/96	10 - 12	9 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	10 *U*	140
BOSD0056	SCCD-04	05/21/96	14 - 16	10 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	14 *U*	190
BOSD0058	SCCD-04	05/21/96	18 - 20	15 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	10 *U*	160
BOSD0065	SCCD-05	05/16/96	0 - 2	0.6 *U*	1 *U*	1 *U*	1 *U*	1 *U*	1 *U*	1 *U*	1 *U*	14
BOSD0066	SCCD-05	05/16/96	2 - 4	0.6 *U*	1 *U*	1 *U*	1 *U*	1 *U*	1 *U*	1 *U*	3 *U*	46
BOSD0067	SCCD-05	05/16/96	4 - 6	1 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	6 *U*	60
BOSD0068	SCCD-05	05/16/96	6 - 8	1 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	4 *U*	43
BOSD0069	SCCD-05	05/16/96	8 - 10	5 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	4 *U*	57
BOSD0070	SCCD-05	05/16/96	10 - 12	7 *U*	4 *U*	4 *U*	4 *U*	4 *U*	4 *U*	4 *U*	6 *U*	81
BOSD0072	SCCD-05	05/16/96	14 - 16	5 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	8 *U*	100
BOSD0074	SCCD-05	05/16/96	18 - 20	5 *U*	3 *U*	3 *U*	3 *U*	3 *U*	3 *U*	3 *U*	8 *U*	82
BOSD0081	SCCD-06	05/22/96	0 - 2	0.2 *U*	0.008 *U*	0.02 *U*	0.02 *U*	0.006 *U*	0.006 *U*	0.02 *U*	0.2 *U*	1.9
BOSD0082	SCCD-06	05/22/96	2 - 4	0.2 *U*	0.008 *U*	0.02 *U*	0.02 *U*	0.006 *U*	0.02 *U*	0.2 *U*	0.2 *U*	2.3
BOSD0083	SCCD-06	05/22/96	4 - 6	0.2 *U*	0.008 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.04 *U*	0.3 *U*	4.0
BOSD0084	SCCD-06	05/22/96	6 - 8	0.8 *U*	0.008 *U*	0.02 *U*	0.02 *U*	0.04 *U*	0.1 *U*	0.2 *U*	1.1 *U*	4.9
BOSD0085	SCCD-06	05/22/96	8 - 10	0.2 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.2 *U*	0.4 *U*	6.2
BOSD0086	SCCD-06	05/22/96	10 - 12	0.2 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.1 *U*	0.02 *U*	0.06 *U*	0.3 *U*	3.9

TABLE 1.3-4. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Toxaphene (mg/kg)	Aroclor® 1016 (mg/kg)	Aroclor® 1221 (mg/kg)	Aroclor® 1232 (mg/kg)	Aroclor® 1242 (mg/kg)	Aroclor® 1248 (mg/kg)	Aroclor® 1254 (mg/kg)	Aroclor® 1260 (mg/kg)	Aroclor® 1268 (mg/kg)
BOSD0088	SCCD-06	05/22/96	14 - 16	0.2 *U*	0.01 *U*	0.01 *U*	0.03 *U*	0.03 *U*	0.04 *U*	0.07 *U*	0.4 *U*	5.1
BOSD0090	SCCD-06	05/22/96	18 - 20	0.7 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.02 *U*	0.02 *U*	0.11
BOSD0097	SCCD-07	05/20/96	0 - 2	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	18
BOSD0098	SCCD-07	05/20/96	2 - 4	0.3 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.7 *U*	10
BOSD0099	SCCD-07	05/20/96	4 - 6	0.2 *U*	0.04 *U*	0.04 *U*	0.08 *U*	0.04 *U*	0.04 *U*	0.06 *U*	0.2 *U*	0.88
BOSD0100	SCCD-07	05/20/96	6 - 8	0.5 *U*	4 *U*	4 *U*	4 *U*	4 *U*	4 *U*	4 *U*	4 *U*	25
BOSD0101	SCCD-07	05/20/96	8 - 10	0.3 *U*	0.05 *U*	0.06 *U*	0.05 *U*	0.05 *U*	0.02 *U*	0.07 *U*	0.05 *U*	0.15 *U*
BOSD0102	SCCD-07	05/20/96	10 - 12	0.3 *U*	0.06 *U*	0.2 *U*	0.08 *U*	0.04 *U*	0.02 *U*	0.04 *U*	0.07 *U*	0.19
BOSD0104	SCCD-07	05/20/96	14 - 16	0.2 *U*	0.07 *U*	0.08 *U*	0.06 *U*	0.04 *U*	0.02 *U*	0.04 *U*	0.04 *U*	0.11
BOSD0106	SCCD-07	05/20/96	18 - 20	0.2 *U*	0.02 *U*	0.06 *U*	0.04 *U*	0.02 *U*	0.02 *U*	0.03 *U*	0.03 *U*	0.09
BOSD0113	SCCD-08	05/22/96	0 - 2	0.2 *U*	0.008 *U*	0.02 *U*	0.02 *U*	0.006 *U*	0.006 *U*	0.02 *U*	0.2 *U*	1.5
BOSD0114	SCCD-08	05/22/96	2 - 4	0.2 *U*	0.008 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.2 *U*	2.2
BOSD0115	SCCD-08	05/22/96	4 - 6	0.2 *U*	0.008 *U*	0.02 *U*	0.02 *U*	0.006 *U*	0.02 *U*	0.02 *U*	0.3 *U*	2.3
BOSD0116	SCCD-08	05/22/96	6 - 8	0.2 *U*	0.008 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.04 *U*	0.2 *U*	2.3
BOSD0117	SCCD-08	05/22/96	8 - 10	0.2 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.02 *U*	0.1 *U*	1.5
BOSD0118	SCCD-08	05/22/96	10 - 12	0.2 *U*	0.006 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.03 *U*	0.2 *U*	1.8
BOSD0120	SCCD-08	05/22/96	14 - 16	0.2 *U*	0.008 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.03 *U*	0.02 *U*	2.0
BOSD0122	SCCD-08	05/22/96	18 - 20	0.2 *U*	0.008 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.06 *U*	0.3 *U*	3.4
BOSD0129	SCCD-09	05/20/96	0 - 2	0.7 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.6 *U*	1.4
BOSD0130	SCCD-09	05/20/96	2 - 4	1 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.4 *U*	2.0
BOSD0131	SCCD-09	05/20/96	4 - 6	0.9 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	1.6
BOSD0132	SCCD-09	05/20/96	6 - 8	0.3 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.4 *U*	1.6
BOSD0133	SCCD-09	05/20/96	8 - 10	0.3 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.2 *U*	1.8
BOSD0134	SCCD-09	05/20/96	10 - 12	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.4 *U*	0.4 *U*	2.0
BOSD0136	SCCD-09	05/20/96	14 - 16	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.6 *U*	3.3
BOSD0138	SCCD-09	05/20/96	18 - 20	0.3 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.8 *U*	5.0
BOSD0181	SCCD-12	07/14/96	8 - 10	0.02 *U*	0.07 *U*	0.09 *U*	0.08 *U*	0.03 *U*	0.04 *U*	0.04 *U*	0.01 *U*	0.01 *U*
BOSD0182	SCCD-12	07/14/96	10 - 12	0.02 *U*	0.07 *U*	0.2 *U*	0.08 *U*	0.04 *U*	0.04 *U*	0.04 *U*	0.004 *U*	0.01 *U*
BOSD0184	SCCD-12	07/14/96	14 - 16	0.02 *UJ*	0.03 *UJ*	0.07 *UJ*	0.06 *UJ*	0.03 *UJ*	0.02 *UJ*	0.03 *UJ*	0.01 *UJ*	0.01 *UJ*
BOSD0177	SCCD-12	07/14/96	0 - 2	0.03 *U*	0.02 *U*	0.06 *U*	0.05 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.02 *U*	0.01
BOSD0186	SCCD-12	07/14/96	18 - 20	0.02 *U*	0.04 *U*	0.09 *U*	0.08 *U*	0.03 *U*	0.03 *U*	0.04 *U*	0.005 *U*	0.01 *U*

TABLE 1.3-4. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Toxaphene (mg/kg)	Aroclor® 1016 (mg/kg)	Aroclor® 1221 (mg/kg)	Aroclor® 1232 (mg/kg)	Aroclor® 1242 (mg/kg)	Aroclor® 1248 (mg/kg)	Aroclor® 1254 (mg/kg)	Aroclor® 1260 (mg/kg)	Aroclor® 1268 (mg/kg)
BOSD0178	SCCD-12	07/14/96	2 - 4	0.04 *UJ*	0.03 *UJ*	0.06 *UJ*	0.04 *UJ*	0.02 *UJ*	0.02 *UJ*	0.03 *UJ*	0.008 *UJ*	0.003 *J*
BOSD0179	SCCD-12	07/14/96	4 - 6	0.05 *U*	0.09 *U*	0.2 *U*	0.2 *U*	0.04 *U*	0.04 *U*	0.07 *U*	0.009 *U*	0.006 *U*
BOSD0180	SCCD-12	07/14/96	6 - 8	0.02 *U*	0.06 *U*	0.09 *U*	0.08 *U*	0.02 *U*	0.03 *U*	0.04 *U*	0.005 *U*	0.01 *U*
BOSD0354	SCCD-14	07/13/96	8 - 10	0.03 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.04
BOSD0355	SCCD-14	07/13/96	10 - 12	0.007 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.006 *U*	0.07
BOSD0357	SCCD-14	07/13/96	14 - 16	0.02 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.006 *U*	0.01 *U*	0.15
BOSD0350	SCCD-14	07/13/96	0 - 2	0.03 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.007
BOSD0359	SCCD-14	07/13/96	18 - 20	0.009 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.12
BOSD0351	SCCD-14	07/13/96	2 - 4	0.03 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.03
BOSD0352	SCCD-14	07/13/96	4 - 6	0.03 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.03
BOSD0353	SCCD-14	07/13/96	6 - 8	0.15 *U*	0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	35
BOSD0370	SCCD-15	07/13/96	8 - 10	0.03 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.05
BOSD0371	SCCD-15	07/13/96	10 - 12	0.03 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.04 *U*	0.21
BOSD0373	SCCD-15	07/13/96	14 - 16	0.03 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.03 *U*	0.06 *U*	0.29
BOSD0366	SCCD-15	07/13/96	0 - 2	0.03 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.006 *U*	0.1
BOSD0375	SCCD-15	07/13/96	18 - 20	0.03 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.012 *U*	0.05 *U*	0.17
BOSD0367	SCCD-15	07/13/96	2 - 4	0.03 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.11
BOSD0368	SCCD-15	07/13/96	4 - 6	0.03 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.1
BOSD0369	SCCD-15	07/13/96	6 - 8	0.03 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.005 *U*	0.005 *U*	0.17
BOSD0001	SCM-01	05/14/96	0 - 2	0.15 *U*	0.008 *U*	0.02 *U*	0.02 *U*	0.006 *U*	0.006 *U*	0.008 *U*	0.04 *U*	0.27
BOSD0002	SCM-01	05/14/96	2 - 4	0.12 *U*	0.008 *U*	0.02 *U*	0.02 *U*	0.006 *U*	0.006 *U*	0.006 *U*	0.01 *U*	0.09
BOSD0003	SCM-01	05/14/96	4 - 6	0.09 *U*	0.008 *U*	0.02 *U*	0.02 *U*	0.006 *U*	0.006 *U*	0.006 *U*	0.02 *U*	0.17
BOSD0004	SCM-01	05/14/96	6 - 8	0.09 *U*	0.008 *U*	0.02 *U*	0.02 *U*	0.006 *U*	0.006 *U*	0.006 *U*	0.06 *U*	0.41
BOSD0005	SCM-01	05/14/96	8 - 10	0.2 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.2 *U*	1.8
BOSD0006	SCM-01	05/14/96	10 - 12	0.2 *UJ*	0.01 *UJ*	0.01 *UJ*	0.01 *UJ*	0.01 *UJ*	0.01 *UJ*	0.01 *UJ*	0.4 *UJ*	0.32 *J*
BOSD0008	SCM-01	05/14/96	14 - 16	0.2 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.2 *U*	0.3 *U*	0.84
BOSD0010	SCM-01	05/14/96	18 - 20	0.1 *U*	0.006 *U*	0.02 *U*	0.02 *U*	0.006 *U*	0.006 *U*	0.02 *U*	0.1 *U*	0.74
BOSD0225	SCM-02	05/17/96	0 - 2	0.1 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.5 *U*	3.0
BOSD0226	SCM-02	05/17/96	2 - 4	0.1 *U*	0.04 *U*	0.04 *U*	0.04 *U*	0.04 *U*	0.3 *U*	0.3 *U*	0.5 *U*	2.9
BOSD0227	SCM-02	05/17/96	4 - 6	0.1 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.5 *U*	3.9
BOSD0228	SCM-02	05/17/96	6 - 8	0.1 *U*	0.04 *U*	0.04 *U*	0.04 *U*	0.04 *U*	0.2 *U*	0.2 *U*	0.4 *U*	3.2

TABLE 1.3-4. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Toxaphene (mg/kg)	Aroclor® 1016 (mg/kg)	Aroclor® 1221 (mg/kg)	Aroclor® 1232 (mg/kg)	Aroclor® 1242 (mg/kg)	Aroclor® 1248 (mg/kg)	Aroclor® 1254 (mg/kg)	Aroclor® 1260 (mg/kg)	Aroclor® 1268 (mg/kg)
BOSD0229	SCM-02	05/17/96	8 - 10	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.6 *U*	5.0
BOSD0230	SCM-02	05/17/96	10 - 12	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.6 *U*	5.3
BOSD0232	SCM-02	05/17/96	14 - 16	0.2 *U*	0.4 *U*	0.4 *U*	0.4 *U*	0.4 *U*	0.4 *U*	0.4 *U*	0.4 *U*	4.1
BOSD0234	SCM-02	05/17/96	18 - 20	0.2 *UJ*	0.008 *UJ*	0.02 *UJ*	0.02 *UJ*	0.006 *UJ*	0.006 *UJ*	0.01 *UJ*	0.03 *UJ*	0.13 *J*
BOSD0241	SCM-03	05/15/96	0 - 2	0.2 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.2 *U*	0.96
BOSD0242	SCM-03	05/15/96	2 - 4	0.2 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.2 *U*	1.2
BOSD0243	SCM-03	05/15/96	4 - 6	0.3 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.2 *U*	1.2
BOSD0244	SCM-03	05/15/96	6 - 8	0.2 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.3 *U*	1.5
BOSD0245	SCM-03	05/15/96	8 - 10	0.2 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.2 *U*	1.7
BOSD0246	SCM-03	05/15/96	10 - 12	0.3 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.1 *U*	0.2 *U*	1.3
BOSD0248	SCM-03	05/15/96	14 - 16	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.4 *U*	2.6
BOSD0250	SCM-03	05/15/96	18 - 20	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.2 *U*	0.8 *U*	5.7
BOSD0386	SCMB-01	07/15/96	8 - 10	0.03 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.006
BOSD0387	SCMB-01	07/15/96	10 - 12	0.03 *UJ*	0.01 *UJ*	0.01 *UJ*	0.01 *UJ*	0.01 *UJ*	0.01 *UJ*	0.01 *UJ*	0.01 *UJ*	0.005 *J*
BOSD0389	SCMB-01	07/15/96	14 - 16	0.03 *UJ*	0.01 *UJ*	0.01 *UJ*	0.01 *UJ*	0.01 *UJ*	0.01 *UJ*	0.01 *UJ*	0.01 *UJ*	0.004 *J*
BOSD0382	SCMB-01	07/15/96	0 - 2	0.03 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.004 *U*	0.01 *U*	0.004 *U*	0.007 *U*	0.014
BOSD0391	SCMB-01	07/15/96	18 - 20	0.03 *U*	0.01 *U*	0.008 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.005 *U*	0.008
BOSD0383	SCMB-01	07/15/96	2 - 4	0.03 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.007
BOSD0384	SCMB-01	07/15/96	4 - 6	0.01 *U*	0.008 *U*	0.02 *U*	0.02 *U*	0.006 *U*	0.006 *U*	0.006 *U*	0.006 *U*	0.01
BOSD0385	SCMB-01	07/15/96	6 - 8	0.03 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.008
Channel Reference												
BOSD0257	SCCR-01	05/18/96	0 - 2	0.2 *U*	0.02 *U*	0.02 *U*	0.03 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01 *U*	0.01
BOSD0258	SCCR-01	05/18/96	2 - 4	0.2 *U*	0.008 *U*	0.02 *U*	0.02 *U*	0.006 *U*	0.006 *U*	0.006 *U*	0.006 *U*	0.02
BOSD0259	SCCR-01	05/18/96	4 - 6	0.09 *U*	0.008 *U*	0.02 *U*	0.02 *U*	0.006 *U*	0.006 *U*	0.006 *U*	0.006 *U*	0.02
BOSD0260	SCCR-01	05/18/96	6 - 8	0.09 *U*	0.008 *U*	0.02 *U*	0.02 *U*	0.006 *U*	0.006 *U*	0.006 *U*	0.006 *U*	0.02
BOSD0261	SCCR-01	05/18/96	8 - 10	0.1 *U*	0.008 *U*	0.02 *U*	0.02 *U*	0.006 *U*	0.006 *U*	0.006 *U*	0.006 *U*	0.04
BOSD0262	SCCR-01	05/18/96	10 - 12	0.1 *U*	0.008 *U*	0.02 *U*	0.02 *U*	0.006 *U*	0.006 *U*	0.006 *U*	0.01 *U*	0.05
BOSD0264	SCCR-01	05/18/96	14 - 16	0.09 *U*	0.008 *U*	0.02 *U*	0.02 *U*	0.006 *U*	0.006 *U*	0.006 *U*	0.006 *U*	0.04
BOSD0266	SCCR-01	05/18/96	18 - 20	0.08 *U*	0.008 *U*	0.02 *U*	0.02 *U*	0.006 *U*	0.006 *U*	0.006 *U*	0.02 *U*	0.04

TABLE 1.3-4. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	Toxaphene (mg/kg)	Aroclor® 1016 (mg/kg)	Aroclor® 1221 (mg/kg)	Aroclor® 1232 (mg/kg)	Aroclor® 1242 (mg/kg)	Aroclor® 1248 (mg/kg)	Aroclor® 1254 (mg/kg)	Aroclor® 1260 (mg/kg)	Aroclor® 1268 (mg/kg)
Marsh Reference												
BOSD0273	SCMR-01	05/18/96	0 - 2	0.03 *U*	0.04 *U*	0.04 *U*	0.04 *U*	0.04 *U*	0.006 *U*	0.006 *U*	0.04 *U*	0.04
BOSD0274	SCMR-01	05/18/96	2 - 4	0.03 *U*	0.04 *U*	0.04 *U*	0.04 *U*	0.04 *U*	0.006 *U*	0.006 *U*	0.04 *U*	0.03
BOSD0275	SCMR-01	05/18/96	4 - 6	0.03 *U*	0.04 *U*	0.04 *U*	0.04 *U*	0.04 *U*	0.006 *U*	0.006 *U*	0.03 *U*	0.02
BOSD0276	SCMR-01	05/18/96	6 - 8	0.03 *U*	0.04 *U*	0.04 *U*	0.04 *U*	0.04 *U*	0.006 *U*	0.006 *U*	0.04 *U*	0.03
BOSD0277	SCMR-01	05/18/96	8 - 10	0.03 *U*	0.04 *U*	0.04 *U*	0.04 *U*	0.04 *U*	0.006 *U*	0.006 *U*	0.03 *U*	0.02
BOSD0278	SCMR-01	05/18/96	10 - 12	0.03 *U*	0.04 *U*	0.04 *U*	0.04 *U*	0.04 *U*	0.006 *U*	0.006 *U*	0.02 *U*	0.012 *J*
BOSD0280	SCMR-01	05/18/96	14 - 16	0.03 *U*	0.04 *U*	0.04 *U*	0.04 *U*	0.04 *U*	0.006 *U*	0.006 *U*	0.05 *U*	0.04
BOSD0282	SCMR-01	05/18/96	18 - 20	0.04 *UJ*	0.008 *UJ*	0.02 *UJ*	0.02 *UJ*	0.006 *UJ*	0.006 *UJ*	0.006 *UJ*	0.006 *UJ*	0.006 *UJ*

Note: Results are reported on a dry weight basis.

J - estimated

U - undetected

TABLE 1.3-5. MULTI-DEPTH SEDIMENT SAMPLES—PCB CONGENERS

Sample Number	Station	Date	Depth Interval (cm)	PCB Congener 3 (µg/kg)	PCB Congener 15 (µg/kg)	PCB Congener 18 (µg/kg)	PCB Congener 28 (µg/kg)	PCB Congener 44 (µg/kg)	PCB Congener 47 (µg/kg)	PCB Congener 49 (µg/kg)	PCB Congener 52 (µg/kg)	PCB Congener 66 (µg/kg)	PCB Congener 77 (µg/kg)
BOSD0017	SCC-02	05/17/96	0 - 2	0.80 *UJ*	1.9 *J*	4.8	5.9 *J*	9.4	6.4 *J*	10.7	15.2	8.9	2.6
BOSD0033	SCC-03	05/15/96	0 - 2	0.050 *J*	0.13	0.13 *J*	0.12 *J*	0.20 *J*	0.090 *J*	0.18 *J*	0.28 *J*	0.23 *J*	0.080 *J*
BOSD0398	SCCB-01	07/15/96	0 - 2	0.070 *U*	0.10	0.10 *U*	0.090 *U*	0.060	0.030 *UJ*	0.040 *U*	0.080 *U*	0.040 *UJ*	0.080 *U*
BOSD0414	SCCB-02	07/15/96	0 - 2	0.070 *U*	0.10 *U*	0.20 *U*	0.090 *U*	0.060 *J*	0.060 *J*	0.060 *J*	0.11 *J*	0.060 *U*	0.20 *U*
BOSD0049	SCCD-04	05/21/96	0 - 2	1.0 *U*	4.4	7.9	13.4 *J*	27.2	21.4	36.5	61.5	31.6	9.4
BOSD0065	SCCD-05	05/16/96	0 - 2	0.19 *J*	1.1	1.3	1.7	2.9	1.6 *J*	3.1	4.7	2.8	0.66 *J*
BOSD0081	SCCD-06	05/22/96	0 - 2	0.030 *U*	0.060	0.13	0.15 *J*	0.28	0.35	0.38	0.54	0.40	0.11 *J*
BOSD0097	SCCD-07	05/20/96	0 - 2	0.17	1.0	0.040	0.055	0.065	0.065	0.10	0.11	0.12	0.010
BOSD0113	SCCD-08	05/22/96	0 - 2	0.030 *U*	0.060	0.12	0.15 *J*	0.21	0.080 *J*	0.19	0.28	0.27	0.050
BOSD0129	SCCD-09	05/20/96	0 - 2	0.040 *U*	0.12	0.36	0.63 *J*	1.4	0.79	1.5	2.1 *J*	0.86	0.16
BOSD0177	SCCD-12	07/14/96	0 - 2	0.22 *U*	1.3	0.070 *UJ*	0.14 *J*	0.24 *J*	0.13 *J*	0.28 *J*	0.50	0.19 *J*	0.060 *J*
BOSD0350	SCCD-14	07/13/96	0 - 2	0.12 *U*	0.050 *U*	0.080 *U*	0.060 *U*	0.19 *J*	0.13 *J*	0.20 *J*	0.26	0.16 *J*	0.060 *U*
BOSD0366	SCCD-15	07/13/96	0 - 2	0.040 *U*	0.030 *U*	0.050 *U*	0.040 *U*	0.090 *J*	0.050 *UJ*	0.10 *J*	0.16 *J*	0.11 *J*	0.040 *U*
BOSD0225	SCM-02	05/17/96	0 - 2	0.060 *J*	0.090	0.10 *J*	0.12 *J*	0.23 *J*	0.11 *J*	0.21 *J*	0.42 *J*	0.27 *J*	0.12 *J*
BOSD0241	SCM-03	05/15/96	0 - 2	0.040 *J*	0.10	0.080 *J*	0.090	0.11 *J*	0.050 *J*	0.090 *J*	0.15 *J*	0.050 *J*	0.070 *J*
BOSD0382	SCMB-01	07/15/96	0 - 2	0.070 *U*	0.14	0.10 *U*	0.080 *U*	0.030	0.10 *U*	0.040 *U*	0.080 *U*	0.050 *U*	0.080 *U*
Channel Reference													
BOSD0257	SCCR-01	05/18/96	0 - 2	0.030 *J*	0.0040 *U*	0.0070 *UJ*	0.010 *J*	0.010 *J*	0.010 *UJ*	0.020 *J*	0.020 *J*	0.020 *J*	0.0070 *UJ*
Marsh Reference													
BOSD0273	SCMR-01	05/18/96	0 - 2	0.040 *J*	0.020 *J*	0.0080 *UJ*	0.020	0.020 *J*	0.010 *J*	0.020 *J*	0.030 *J*	0.030 *J*	0.0060 *J*

TABLE 1.3-5. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	PCB Congener 80 (µg/kg)	PCB Congener 81 (µg/kg)	PCB Congener 101 (µg/kg)	PCB Congener 105 (µg/kg)	PCB Congener 108 (µg/kg)	PCB Congener 114 (µg/kg)	PCB Congener 118 (µg/kg)	PCB Congener 123 (µg/kg)	PCB Congener 126 (µg/kg)	PCB Congener 128 and 167 (µg/kg)
BOSD0017	SCC-02	05/17/96	0 - 2	3.3	0.80 *U*	39.4	6.8	2.8	1.2 *U*	23.1	2.4	1.2 *U*	6.7 *J*
BOSD0033	SCC-03	05/15/96	0 - 2	0.070 *J*	0.020 *J*	0.70 *J*	0.33 *J*	0.10 *J*	0.020 *J*	0.75 *J*	0.14 *J*	0.050 *J*	0.26 *J*
BOSD0398	SCCB-01	07/15/96	0 - 2	0.010 *UJ*	0.090 *U*	0.11	0.050 *J*	0.090 *U*	0.12 *U*	0.11	0.090 *U*	0.12 *U*	0.040
BOSD0414	SCCB-02	07/15/96	0 - 2	0.10 *U*	0.20 *U*	0.21	0.075	0.20 *U*	0.20 *U*	0.18 *J*	0.20 *U*	0.20 *U*	0.055 *J*
BOSD0049	SCCD-04	05/21/96	0 - 2	26.3	1.2 *J*	105	27.4	10.2	2.0 *J*	71.1	6.0 *J*	3.4	24.7
BOSD0065	SCCD-05	05/16/96	0 - 2	0.95	0.20 *U*	8.4	1.6	0.71	0.30 *U*	4.3	0.47 *J*	0.30 *U*	1.4
BOSD0081	SCCD-06	05/22/96	0 - 2	0.14 *J*	0.020	1.5	0.33	0.13	0.020	0.93	0.16 *J*	0.11 *J*	0.33
BOSD0097	SCCD-07	05/20/96	0 - 2	0.0070 *U*	0.010 *U*	0.32	0.065 *J*	0.025 *J*	0.010 *U*	0.27	0.025 *J*	0.010 *U*	0.060
BOSD0113	SCCD-08	05/22/96	0 - 2	0.040 *J*	0.010 *J*	0.64	0.19	0.060	0.010 *J*	0.50	0.070 *J*	0.030	0.15
BOSD0129	SCCD-09	05/20/96	0 - 2	0.090 *J*	0.030	0.49	0.74	0.26	0.040	2.4	0.19 *J*	0.020	0.64
BOSD0177	SCCD-12	07/14/96	0 - 2	0.050 *J*	0.060 *U*	1.4	0.38	0.13 *J*	0.080 *U*	0.93 *J*	0.14 *J*	0.080 *U*	0.33
BOSD0350	SCCD-14	07/13/96	0 - 2	0.050 *J*	0.060 *U*	0.40	0.19 *J*	0.040	0.080 *U*	0.40	0.060 *U*	0.080 *U*	0.090
BOSD0366	SCCD-15	07/13/96	0 - 2	0.040 *J*	0.040 *U*	0.29	0.10 *J*	0.040 *U*	0.050 *U*	0.20	0.040 *U*	0.060 *U*	0.080
BOSD0225	SCM-02	05/17/96	0 - 2	0.090 *J*	0.030 *J*	1.7 *J*	0.56 *J*	0.14 *J*	0.030 *J*	1.4 *J*	0.26 *J*	0.080 *J*	0.46 *J*
BOSD0241	SCM-03	05/15/96	0 - 2	0.16 *J*	0.010 *J*	0.35 *J*	0.26 *J*	0.060 *J*	0.010 *J*	0.47 *J*	0.10 *J*	0.030 *J*	0.19 *J*
BOSD0382	SCMB-01	07/15/96	0 - 2	0.020 *UJ*	0.080 *U*	0.19 *J*	0.080 *J*	0.080 *U*	0.10 *U*	0.18	0.080 *U*	0.11 *U*	0.070 *J*
Channel Reference													
BOSD0257	SCCR-01	05/18/96	0 - 2	0.0050 *UJ*	0.0070 *UJ*	0.050 *J*	0.020 *J*	0.0070 *J*	0.010 *UJ*	0.040 *J*	0.0040 *J*	0.010 *UJ*	0.010 *J*
Marsh Reference													
BOSD0273	SCMR-01	05/18/96	0 - 2	0.0060 *UJ*	0.0080 *UJ*	0.080 *J*	0.030 *J*	0.0080 *J*	0.010 *UJ*	0.070 *J*	0.0080 *J*	0.010 *UJ*	0.020 *J*

TABLE 1.3-5. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	PCB Congener 133 (µg/kg)	PCB Congener 136 (µg/kg)	PCB Congener 138 (µg/kg)	PCB Congener 153 (µg/kg)	PCB Congener 154 (µg/kg)	PCB Congener 155 (µg/kg)	PCB Congener 156 (µg/kg)	PCB Congener 157 (µg/kg)	PCB Congener 159 (µg/kg)	PCB Congener 168 (µg/kg)
BOSD0017	SCC-02	05/17/96	0 - 2	27.5	20.3	37.1	148	215	7.0	2.8 *J*	1.5 *UJ*	61.3	7.0
BOSD0033	SCC-03	05/15/96	0 - 2	0.46 *J*	0.33 *J*	1.3 *J*	2.4 *J*	1.3 *J*	0.050 *J*	0.11 *J*	0.40 *J*	2.0 *J*	0.18 *J*
BOSD0398	SCCB-01	07/15/96	0 - 2	0.040 *J*	0.030 *J*	0.19	0.22	0.070 *J*	0.090 *UJ*	0.16 *U*	0.16 *U*	0.040 *J*	0.030
BOSD0414	SCCB-02	07/15/96	0 - 2	0.20 *UJ*	0.045 *J*	0.24	0.32 *J*	0.085 *J*	0.10 *UJ*	0.30 *U*	0.30 *U*	0.060	0.050 *J*
BOSD0049	SCCD-04	05/21/96	0 - 2	81.7 *J*	64.5	97.2 *J*	426 *J*	649	26.1 *J*	11.1	28.5 *J*	123	18.8 *J*
BOSD0065	SCCD-05	05/16/96	0 - 2	6.3	6.9	7.2	27.0	36.0	1.0	0.65 *J*	2.6 *J*	16.2	1.2
BOSD0081	SCCD-06	05/22/96	0 - 2	1.3	0.89	1.6	5.1	5.5	0.24	0.12 *J*	1.3 *J*	5.4	0.37
BOSD0097	SCCD-07	05/20/96	0 - 2	0.040	0.055	0.35	0.51	0.085	0.0030 *J*	0.035 *J*	0.030 *J*	0.13	0.010 *U*
BOSD0113	SCCD-08	05/22/96	0 - 2	0.42	0.22	0.81	2.0	1.4	0.040	0.070 *J*	0.41 *J*	2.4	0.15
BOSD0129	SCCD-09	05/20/96	0 - 2	1.6	1.4	3.0	5.6	5.8	0.13	0.27 *J*	0.56 *J*	2.6	0.57
BOSD0177	SCCD-12	07/14/96	0 - 2	0.14	0.24 *J*	1.9	1.7	0.070 *J*	0.050 *UJ*	0.15	0.050	0.13	0.32 *J*
BOSD0350	SCCD-14	07/13/96	0 - 2	0.13 *J*	0.14 *J*	0.50	0.76	0.48 *J*	0.050 *UJ*	0.10 *U*	0.10 *U*	0.34	0.080 *J*
BOSD0366	SCCD-15	07/13/96	0 - 2	0.10	0.080 *J*	0.34	0.57	0.26 *J*	0.030 *UJ*	0.060 *U*	0.060 *U*	0.38	0.050 *J*
BOSD0225	SCM-02	05/17/96	0 - 2	0.60 *J*	0.77 *J*	2.3 *J*	4.3 *J*	4.0 *J*	0.12 *J*	0.21 *J*	0.61 *J*	3.6 *J*	0.36 *J*
BOSD0241	SCM-03	05/15/96	0 - 2	0.19 *J*	0.17 *J*	0.90 *J*	1.3 *J*	0.57 *J*	0.010 *J*	0.0080 *J*	0.25 *J*	1.5 *J*	0.13 *J*
BOSD0382	SCMB-01	07/15/96	0 - 2	0.10 *UJ*	0.030 *J*	0.25	0.24	0.060 *J*	0.070 *UJ*	0.13 *U*	0.13 *U*	0.050	0.050 *J*
Channel Reference													
BOSD0257	SCCR-01	05/18/96	0 - 2	0.010 *J*	0.010 *J*	0.050 *J*	0.070 *J*	0.030 *J*	0.0060 *UJ*	0.010 *UJ*	0.010 *UJ*	0.030 *J*	0.010 *J*
Marsh Reference													
BOSD0273	SCMR-01	05/18/96	0 - 2	0.010 *UJ*	0.0070 *UJ*	0.10 *J*	0.10 *J*	0.030 *J*	0.0060 *UJ*	0.010 *UJ*	0.010 *UJ*	0.040 *J*	0.010 *J*

TABLE 1.3-5. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	PCB Congener 169 (µg/kg)	PCB Congener 170 (µg/kg)	PCB Congener 180 (µg/kg)	PCB Congener 187 (µg/kg)	PCB Congener 189 (µg/kg)	PCB Congener 195 (µg/kg)	PCB Congener 202 (µg/kg)	PCB Congener 206 (µg/kg)	PCB Congener 207 (µg/kg)	PCB Congener 209 (µg/kg)
BOSD0017	SCC-02	05/17/96	0 - 2	1.9 *U*	17.0	916	2,670	1.4 *U*	255 *J*	3,950	33,100	2,790	8,900
BOSD0033	SCC-03	05/15/96	0 - 2	0.030 *J*	0.85	21.5	60.0	0.19 *J*	6.0 *J*	84.6 *J*	829	62.5	222
BOSD0398	SCCB-01	07/15/96	0 - 2	0.20 *U*	0.33 *U*	0.34	1.1	0.19 *U*	0.070 *J*	1.1	7.5	0.57	1.7
BOSD0414	SCCB-02	07/15/96	0 - 2	0.30 *U*	0.090	0.41	1.5	0.30 *U*	0.080 *J*	1.6	10.3	0.71 *J*	2.6 *J*
BOSD0049	SCCD-04	05/21/96	0 - 2	4.2	23.4	2,090	4,970 *J*	8.5	534 *J*	5,920 *J*	38,200 *J*	4,940 *J*	16,200 *J*
BOSD0065	SCCD-05	05/16/96	0 - 2	0.40 *U*	3.9	202	638	0.30 *U*	40.5	1,130	8,880 *J*	639	1,990
BOSD0081	SCCD-06	05/22/96	0 - 2	0.030	0.75	40.7	147	0.55 *UJ*	12.0 *J*	200 *J*	2,410	160	515
BOSD0097	SCCD-07	05/20/96	0 - 2	0.030 *U*	0.11 *J*	1.0	2.9	0.010	0.23	3.6	30.6	2.4	8.4
BOSD0113	SCCD-08	05/22/96	0 - 2	0.010	0.35	17.1	59.2	0.050	4.1 *J*	78.6	661	48.8	163
BOSD0129	SCCD-09	05/20/96	0 - 2	0.030	0.96	23.3	90.2	0.24 *J*	5.3 *J*	96.4 *J*	773	56.9	214
BOSD0177	SCCD-12	07/14/96	0 - 2	0.12 *U*	0.73	1.9	2.6	0.12 *U*	0.31 *J*	3.6	35.8	2.6	9.2
BOSD0350	SCCD-14	07/13/96	0 - 2	0.13 *U*	0.27 *J*	3.3	11.1	0.12 *U*	0.43 *J*	14.9	116	8.2	28.1
BOSD0366	SCCD-15	07/13/96	0 - 2	0.080 *U*	0.080	4.0	11.1	0.070 *U*	1.0 *J*	17.8	148	10.8	34.2
BOSD0225	SCM-02	05/17/96	0 - 2	0.040 *J*	1.9	31.5	112	0.28 *J*	7.7 *J*	126 *J*	1,170	89.8	345
BOSD0241	SCM-03	05/15/96	0 - 2	0.020 *J*	0.73 *J*	14.3	40.2	0.18 *J*	3.9 *J*	52.5 *J*	534	39.8	151
BOSD0382	SCMB-01	07/15/96	0 - 2	0.17 *U*	0.11	0.59	1.6	0.15 *U*	0.14 *J*	2.3	19.1	1.5	4.6
Channel Reference													
BOSD0257	SCCR-01	05/18/96	0 - 2	0.010 *UJ*	0.030 *U*	0.16	0.83	0.020 *UJ*	0.020 *UJ*	0.98 *J*	5.2	0.47	1.5
Marsh Reference													
BOSD0273	SCMR-01	05/18/96	0 - 2	0.010 *UJ*	0.060	0.39	1.4	0.020 *UJ*	0.050 *J*	1.5 *J*	9.1	0.77	3.0

TABLE 1.3-5. (cont.)

Sample Number	Station	Date	Depth Interval (cm)	PCB Congener Total Monochloro Congeners (µg/kg)	PCB Congener Total Dichloro Congeners (µg/kg)	PCB Congener Total Trichloro Congeners (µg/kg)	PCB Congener Total Tetrachloro Congeners (µg/kg)	PCB Congener Total Pentachloro Congeners (µg/kg)	PCB Congener Total Hexachloro Congeners (µg/kg)	PCB Congener Total Heptachloro Congeners (µg/kg)	PCB Congener Total Octachloro Congeners (µg/kg)	PCB Congener Total Nonachloro Congeners (µg/kg)
BOSD0017	SCC-02	05/17/96	0 - 2	0.80 *UJ*	6.4 *J*	22.6 *J*	106 *J*	213 *J*	908 *J*	5,610 *J*	26400	50,300
BOSD0033	SCC-03	05/15/96	0 - 2	0.17	0.22 *J*	0.68 *J*	2.7 *J*	4.9 *J*	16.3 *J*	165	529 *J*	1,260
BOSD0398	SCCB-01	07/15/96	0 - 2	0.26 *U*	0.25 *J*	0.050 *U*	0.46 *J*	0.51 *J*	0.98 *J*	2.8 *J*	7.0 *J*	11.4
BOSD0414	SCCB-02	07/15/96	0 - 2	0.20 *U*	0.10	0.12 *J*	0.51 *J*	0.82 *J*	1.2 *J*	3.4 *J*	8.5 *J*	15.4 *J*
BOSD0049	SCCD-04	05/21/96	0 - 2	1.0 *U*	13.6	56.3 *J*	425 *J*	597 *J*	2,450 *J*	11,100 *J*	36,800 *J*	60,600 *J*
BOSD0065	SCCD-05	05/16/96	0 - 2	0.36 *J*	3.1 *J*	6.2 *J*	30.9 *J*	45.1 *J*	189 *J*	1,390 *J*	7,110 *J*	13,200
BOSD0081	SCCD-06	05/22/96	0 - 2	0.10 *U*	0.21 *J*	0.72 *J*	4.5 *J*	9.2 *J*	40.8 *J*	384 *J*	1,280 *J*	3,600
BOSD0097	SCCD-07	05/20/96	0 - 2	0.37 *J*	1.4 *J*	0.18 *J*	0.92 *J*	1.8 *J*	2.4 *J*	7.9 *J*	22.7	46.9
BOSD0113	SCCD-08	05/22/96	0 - 2	0.10 *U*	0.20 *J*	0.61 *J*	2.7 *J*	3.9 *J*	14.9 *J*	141	480	1,020
BOSD0129	SCCD-09	05/20/96	0 - 2	0.14 *U*	0.55	2.0 *J*	12.3 *J*	20.2 *J*	43.9 *J*	218 *J*	570	1,170
BOSD0177	SCCD-12	07/14/96	0 - 2	0.44 *J*	1.7 *J*	0.23	2.5 *J*	6.6 *J*	8.2 *J*	10.1 *J*	23.9 *J*	53.6
BOSD0350	SCCD-14	07/13/96	0 - 2	0.41 *J*	0.050 *U*	0.030 *U*	1.8 *J*	2.1 *J*	4.1 *J*	24.7 *J*	89.9 *J*	175
BOSD0366	SCCD-15	07/13/96	0 - 2	0.12 *U*	0.030 *U*	0.080 *U*	0.98	1.3 *J*	3.2 *J*	27.4 *J*	117 *J*	222
BOSD0225	SCM-02	05/17/96	0 - 2	0.25	0.46 *J*	0.55 *J*	3.2 *J*	10.4 *J*	32.1 *J*	293 *J*	800 *J*	1,800
BOSD0241	SCM-03	05/15/96	0 - 2	0.14	0.20	0.43 *J*	1.6 *J*	2.7 *J*	10.2 *J*	114 *J*	335 *J*	817
BOSD0382	SCMB-01	07/15/96	0 - 2	0.25 *UJ*	0.14	0.040 *U*	0.43 *J*	0.88 *J*	1.0 *J*	4.5 *J*	14.4 *J*	28.7
Channel Reference												
BOSD0257	SCCR-01	05/18/96	0 - 2	0.11	0.020	0.020 *J*	0.13 *J*	0.25 *J*	0.36 *J*	1.9 *J*	4.9 *J*	8.3
Marsh Reference												
BOSD0273	SCMR-01	05/18/96	0 - 2	0.16	0.090 *J*	0.030	0.22 *J*	0.44 *J*	0.59 *J*	3.8 *J*	9.2 *J*	14.4

Note: Results are reported on a dry weight basis.

J - estimated

U - undetected

Section 1.4

Preliminary Sampling Data

TABLE 1.4-1. PRELIMINARY SEDIMENT SAMPLES—CONVENTIONAL ANALYTES

Sample Number	Station	Date	Field rep.	Total Organic Carbon (percent)	Total Solids (percent)
SO0034	JAN-A	01/27/96			18.8
SO0035	JAN-B	01/26/96			26.7
SO0007	CRTA03	01/25/96		6.7	28.8
SO0004	CRTA05	01/25/96		5.4	29.0
SO0002	CRTA06	01/25/96		5.8	29.6
SO0006	CRTA08	01/25/96		5.9	30.5
SO0005	CRTA09	01/25/96		6.4	31.8
SO0009	CRTA11	01/25/96		6.5	22.0
SO0013	CRTA12	01/24/96		4.4	32.0
SO0018	CRTB01	01/26/96		7.7	29.4
SO0027	CRTB02	01/26/96	1	6.0	28.8
SO0023	CRTB02	01/26/96	2	5.2	28.6
SO0028	CRTB03	01/26/96		6.2	26.3
SO0026	CRTB04	01/26/96	1	5.7	31.4
SO0022	CRTB04	01/26/96	2	4.7	31.4
SO0016	CRTB05	01/26/96		5.4	29.3
SO0029	CRTB06	01/26/96		5.6	29.2
SO0015	CRTB07	01/26/96		5.2	24.8
SO0019	CRTB08	01/26/96		4.6	32.4
SO0025	CRTB09	01/26/96		5.6	32.3
SO0024	CRTB11	01/26/96		5.8	33.1
SO0021	CRTB14	01/26/96		5.5	29.7
SO0036	REFA01	01/30/96		3.3	32.9
SO0037	REFA02	01/30/96		4.4	28.0

Note: Results are reported on a dry weight basis for total organic carbon and wet weight basis for total solids.

TABLE 1.4-2. PRELIMINARY MERCURY METHYLATION SURFACE WATER SAMPLES—MERCURY AND SUSPENDED SOLIDS

Sample Numbers					Total Mercury		Methylmercury		Total Suspended Solids
Mercury	Solids	Station	Date	Time	Total (ng/L)	Dissolved (ng/L)	Total (ng/L)	Dissolved (ng/L)	(mg/L)
CRKA-HG01	CRKA-TS01	JAN-A	01/24/96	10:30	126	12.2	0.40	0.19	22.0
CRKA-HG02	CRKA-TS02	JAN-A	01/24/96	11:35	123	7.83	0.42	0.04	38.9
CRKA-HG03	CRKA-TS03	JAN-A	01/24/96	12:05	64.2	6.73	0.29	0.08	38.8
CRKA-HG04	CRKA-TS04	JAN-A	01/24/96	12:35	37.1	6.07	0.25	0.13	25.8
CRKA-HG05	CRKA-TS05	JAN-A	01/24/96	13:05	44.7	9.1	0.20	0.12	18.6
CRKA-HG06	CRKA-TS06	JAN-A	01/24/96	13:37	64.0	11.0	0.37	0.23	16.6
CRKA-HG07	CRKA-TS07	JAN-A	01/24/96	14:15	83.3	10.8	0.40	0.22	15.5
CRKA-HG08	CRKA-TS08	JAN-A	01/24/96	14:49	251	18.2	0.37	0.43	13.7
CRKA-HG09	CRKA-TS09	JAN-A	01/24/96	14:19	74.8	15.1	0.56	0.19	13.9
CRKB-HG10	CRKB-TS10	JAN-B	01/25/96	11:20	15.3	6.96	0.27	0.11	13.5
CRKB-HG11	CRKB-TS11	JAN-B	01/25/96	11:52	11.4	8.03	0.16	0.06	20.2
CRKB-HG12	CRKB-TS12	JAN-B	01/25/96	12:22	16.9	4.1 *J*	0.22	0.05	25.2
CRKB-HG13	CRKB-TS13	JAN-B	01/25/96	12:51	16.4	5.45	0.27	0.16	39.8
CRKB-HG14	CRKB-TS14	JAN-B	01/25/96	13:25	15.8	4.19 *J*	0.19	0.05	38.8
CRKB-HG15	CRKB-TS15	JAN-B	01/25/96	13:52	12.3	4.78 *J*	0.14	0.05	30.7
CRKB-HG16	CRKB-TS16	JAN-B	01/25/96	14:24	11.4	9.09	0.12	0.11	23.2
CRKB-HG17	CRKB-TS17	JAN-B	01/25/96	14:54	13.2	6.8	0.30	0.14	12.9
CRKB-HG18	CRKB-TS18	JAN-B	01/25/96	14:59	14.7	5.5	0.30	0.15	10.2
CRKB-HG19	CRKB-TS19	JAN-B	01/25/96	15:25	32.7	12.0	0.63	0.23	13.6

Note: *J* - estimated

TABLE 1.4-3. PRELIMINARY SEDIMENT SAMPLES—MERCURY

Sample Number	Station	Date	Field rep.	Total Mercury (mg/kg)	Methyl-mercury (μg/kg)
SO0034	JAN-A	01/27/96		42.5	74.6
SO0035	JAN-B	01/26/96		2.6	15.4
SO0007	CRTA03	01/25/96		3.9	
SO0004	CRTA05	01/25/96		4.5	
SO0002	CRTA06	01/25/96		7.4	
SO0006	CRTA08	01/25/96		8.4	
SO0005	CRTA09	01/25/96		10.5	
SO0009	CRTA11	01/25/96		4.6	
SO0013	CRTA12	01/24/96		23.8	
SO0018	CRTB01	01/26/96		1.3	
SO0027	CRTB02	01/26/96	1	1.6	
SO0023	CRTB02	01/26/96	2	1.3	
SO0028	CRTB03	01/26/96		1.2	
SO0026	CRTB04	01/26/96	1	1.2	
SO0022	CRTB04	01/26/96	2	1.3	
SO0016	CRTB05	01/26/96		0.90	
SO0029	CRTB06	01/26/96		0.80	
SO0015	CRTB07	01/26/96		2.5	
SO0019	CRTB08	01/26/96		1.1	
SO0025	CRTB09	01/26/96		1.2	
SO0024	CRTB11	01/26/96		1.6	
SO0021	CRTB14	01/26/96		1.3	
SO0036	REFA01	01/30/96		0.40	
SO0037	REFA02	01/30/96		0.20	

Note: Results are presented on a dry weight basis.

TABLE 1.4-4. PRELIMINARY SEDIMENT SAMPLES—POLYCHLORINATED BIPHENYLS

Sample Number	Station	Date	Field rep.	Aroclor® 1016 (mg/kg)	Aroclor® 1221 (mg/kg)	Aroclor® 1232 (mg/kg)	Aroclor® 1242 (mg/kg)	Aroclor® 1248 (mg/kg)	Aroclor® 1254 (mg/kg)	Aroclor® 1260 (mg/kg)	Aroclor® 1268 (mg/kg)
SO0007	CRTA03	01/25/96		0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	22
SO0004	CRTA05	01/25/96		0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	11
SO0002	CRTA06	01/25/96		0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	21
SO0006	CRTA08	01/25/96		0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	17
SO0005	CRTA09	01/25/96		0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	11
SO0009	CRTA11	01/25/96		0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	7.2
SO0013	CRTA12	01/24/96		30 *U*	30 *U*	30 *U*	30 *U*	30 *U*	30 *U*	30 *U*	510
SO0018	CRTB01	01/26/96		0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	2.7
SO0027	CRTB02	01/26/96	1	3 *U*	3 *U*	3 *U*	3 *U*	3 *U*	3 *U*	3 *U*	7.1
SO0023	CRTB02	01/26/96	2	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	4.7
SO0028	CRTB03	01/26/96		0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	4
SO0026	CRTB04	01/26/96	1	3 *U*	3 *U*	3 *U*	3 *U*	3 *U*	3 *U*	3 *U*	4.1
SO0022	CRTB04	01/26/96	2	3 *U*	3 *U*	3 *U*	3 *U*	3 *U*	3 *U*	3 *U*	2.2
SO0016	CRTB05	01/26/96		0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	3.4
SO0029	CRTB06	01/26/96		0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	2
SO0015	CRTB07	01/26/96		0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	15
SO0019	CRTB08	01/26/96		0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	4.2
SO0025	CRTB09	01/26/96		3 *U*	3 *U*	3 *U*	3 *U*	3 *U*	3 *U*	3 *U*	1.8
SO0024	CRTB11	01/26/96		0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	3.2
SO0021	CRTB14	01/26/96		0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	2.6
SO0036	REFA01	01/30/96		3 *U*	3 *U*	3 *U*	3 *U*	3 *U*	3 *U*	3 *U*	0.6
SO0037	REFA02	01/30/96		0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.2

Note: Results are reported on a dry weight basis.

U - undetected

TABLE 1.4-5. PRELIMINARY TISSUE, VEGETATION, AND SEDIMENT—PCB CONGENERS

Sample Number	Station	Date	PCB Congener 3 (μg/kg)	PCB Congener 15 (μg/kg)	PCB Congener 18 (μg/kg)	PCB Congener 28 (μg/kg)	PCB Congener 44 (μg/kg)	PCB Congener 52 (μg/kg)	PCB Congener 66 (μg/kg)	PCB Congener 77 (μg/kg)	PCB Congener 81 (μg/kg)	PCB Congener 101 (μg/kg)	PCB Congener 105 (μg/kg)	PCB Congener 114 (μg/kg)
Littorina[a]														
IV0001	CRTA	01/25/96	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*
Grass shrimp[a]														
IV0002	CRTA	01/24/96	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*
Spartina[a]														
VG0001	CRTA	01/25/96	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*
Sediment[b]														
SO0015	CRTB07	01/26/96	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*
SO0019	CRTB08	01/26/96	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*
SO0031	CONA	01/27/96	0.5 *U*	0.5 *U*	0.5 *U*	0.58	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.56	0.5 *U*	0.5 *U*
SO0032	CONB	01/28/96	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*

TABLE 1.4-5. (cont.)

Sample Number	Station	Date	PCB Congener 118 (μg/kg)	PCB Congener 123 (μg/kg)	PCB Congener 126 (μg/kg)	PCB Congener 128 (μg/kg)	PCB Congener 138 (μg/kg)	PCB Congener 153 (μg/kg)	PCB Congener 156 (μg/kg)	PCB Congener 157 (μg/kg)	PCB Congener 167 (μg/kg)	PCB Congener 169 (μg/kg)	PCB Congener 170 (μg/kg)	PCB Congener 180 (μg/kg)
Littorina[a]														
IV0001	CRTA	01/25/96	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.85	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	2.3
Grass shrimp[a]														
IV0002	CRTA	01/24/96	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	5.6	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	5.9
Spartina[a]														
VG0001	CRTA	01/25/96	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*
Sediment[b]														
SO0015	CRTB07	01/26/96	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	1.2	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	11
SO0019	CRTB08	01/26/96	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	5.6
SO0031	CONA	01/27/96	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	1.4	3.3	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.62	20
SO0032	CONB	01/28/96	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*	4.5

TABLE 1.4-5. (cont.)

Sample Number	Station	Date	PCB Congener 187 (μg/kg)	PCB Congener 189 (μg/kg)	PCB Congener 195 (μg/kg)	PCB Congener 202 (μg/kg)	PCB Congener 206 (μg/kg)	PCB Congener 207 (μg/kg)	PCB Congener 209 (μg/kg)	PCB Congener Total Monochloro Congeners (μg/kg)	PCB Congener Total Dichloro Congeners (μg/kg)	PCB Congener Total Trichloro Congeners (μg/kg)	PCB Congener Total Tetrachloro Congeners (μg/kg)
Littorina[a]													
IV0001	CRTA	01/25/96	1.8	0.5 *U*	0.5 *U*	0.5 *U*	46	5.4	8.4	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*
Grass shrimp[a]													
IV0002	CRTA	01/24/96	33	0.5 *U*	0.5 *U*	19	38	3.8	5.6	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*
Spartina[a]													
VG0001	CRTA	01/25/96	0.96	0.5 *U*	0.5 *U*	0.78	6.3	0.71	0.73	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*
Sediment[b]													
SO0015	CRTB07	01/26/96	41	0.5 *U*	0.85	66	350	35	100	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*
SO0019	CRTB08	01/26/96	25	0.5 *U*	0.5 *U*	33	180	17	57	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*
SO0031	CONA	01/27/96	68	0.5 *U*	1.7	110	550	59	210	0.5 *U*	0.5 *U*	0.58	0.5 *U*
SO0032	CONB	01/28/96	14	0.5 *U*	0.5 *U*	26	130	12	45	0.5 *U*	0.5 *U*	0.5 *U*	0.5 *U*

TABLE 1.4-5. (cont.)

Sample Number	Station	Date	PCB Congener Total Pentachloro Congeners (µg/kg)	PCB Congener Total Hexachloro Congeners (µg/kg)	PCB Congener Total Heptachloro Congeners (µg/kg)	PCB Congener Total Octachloro Congeners (µg/kg)	PCB Congener Total Nonachloro Congeners (µg/kg)
Littorina[a]							
IV0001	CRTA	01/25/96	0.5 *U*	3.5	21	56	71
Grass shrimp[a]							
IV0002	CRTA	01/24/96	0.5 *U*	22	52	87	61
Spartina[a]							
VG0001	CRTA	01/25/96	0.5 *U*	0.5 *U*	0.96	0.78	8.1
Sediment[b]							
SO0015	CRTB07	01/26/96	0.5 *U*	5.6	62	370	530
SO0019	CRTB08	01/26/96	0.5 *U*	4.2	49	180	260
SO0031	CONA	01/27/96	1.1	19	150	640	870
SO0032	CONB	01/28/96	0.5 *U*	0.5 *U*	30	170	210

Note: *U* - undetected

[a] Data are reported on a wet weight basis.

[b] Data are reported on a dry weight basis.

Section 1.5

Toxicity Test Sediment Data

TABLE 1.5-1. TOXICITY TEST SEDIMENT SAMPLES—CONVENTIONAL ANALYTES

Sample Number	Station	Date	Ammonia-nitrogen (mg/kg)	Cyanide (mg/kg)	Sulfides (mg/kg)	Total Organic Carbon (percent)	Grain Size Distribution >2 mm (percent)	1-2 mm (percent)	0.5-1 mm (percent)	0.25-0.50 mm (percent)	0.125-0.25 mm (percent)	0.062-0.125 mm (percent)	Silt (percent)	Clay (percent)	Total Solids (percent)
LM8-0	LM8	05/14/96	38	1.2 *U*	320	5.6	0.01 *U*	0.13	0.35	0.88	1.78	1.83	35.7	65.0	22.7
LM8-0.1	LM8	05/14/96	75	0.90 *U*	660	4.7	0.01 *U*	0.47	2.16	2.88	2.55	1.87	45.0	48.4	22.7
LM8-3.13	LM8	05/14/96	44	1.2 *U*	190	5.5	0.01 *U*	0.29	0.42	1.27	2.13	2.01	36.9	63.2	22.7
LM8-6.25	LM8	05/14/96	43	1.2 *U*	280	5.6	0.01 *U*	0.01 *U*	0.31	1.56	2.04	1.93	36.0	63.1	22.4
LM8-12.50	LM8	05/14/96	42	1.2 *U*	270	5.8	0.01 *U*	0.01 *U*	0.11	0.54	2.18	2.46	37.0	61.1	22.2
LM8-25	LM8	05/14/96	39	1.2 *U*	310	6.2	0.01 *U*	0.11	0.09	0.61	1.87	2.42	38.2	59.9	21.9
LM8-50	LM8	05/14/96	33	1.2 *U*	330	6.9	0.01 *U*	0.10	0.13	0.55	1.73	2.18	41.9	57.2	21.2
LM8-100	LM8	05/14/96	23	1.2 *U*	620	8.4	0.01 *U*	0.01 *U*	0.07	0.54	1.51	2.51	48.2	49.4	19.9
LM13-0	LM13	05/14/96	51	1.2 *U*	210	5.5	0.01 *U*	0.02	0.07	0.72	2.25	2.1	36.7	63.3	22.7
LM13-0.2	LM13	05/14/96	69	0.90 *U*	680	5.1	0.01 *U*	0.12	0.61	1.50	2.44	1.74	40.6	55.3	22.6
LM13-3.13	LM13	05/14/96	50	1.2 *U*	420	5.7	0.01 *U*	0.01	0.18	0.93	1.93	2.15	35.0	63.6	22.7
LM13-6.25	LM13	05/14/96	50	1.2 *U*	140	5.6	0.01 *U*	0.04	0.07	0.64	1.88	1.82	36.4	63.2	22.4
LM13-12.50	LM13	05/14/96	49	1.2 *U*	240	5.8	0.01 *U*	0.01 *U*	0.50	1.43	2.06	1.96	37.4	59.3	22.2
LM13-25	LM13	05/14/96	47	1.2 *U*	310	5.9	0.01 *U*	0.10	0.50	0.96	1.73	1.85	39.6	58.6	21.3
LM13-50	LM13	05/14/96	43	1.2 *U*	290	6.4	0.01 *U*	0.02	0.15	0.55	1.28	2.0	43.0	55.6	20.5
LM13-100	LM13	05/14/96	41	1.2 *U*	490	7.3	0.01 *U*	0.01 *U*	0.29	0.53	1.37	3.07	49.9	51.3	18.1
LM13-100A	LM13	05/14/96	38	1.2 *U*	325	7.3	0.01	0.05	0.17	0.22	0.84	1.41	46.3	51.3	19.3

Note: Results are reported on a dry weight basis, except total solids results, which are reported as wet weight.

U - undetected

TABLE 1.5-2. TOXICITY TEST SEDIMENT SAMPLES—METALS

Sample Number	Station	Date	Aluminum (mg/kg)	Antimony (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Calcium (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Magnesium (mg/kg)
LM8-0	LM8	05/14/96	23,100	0.11 J	11.9	26	1.4	0.10	3,260	45	6.4	11.5	23,100	22.0	7,860
LM8-0.1	LM8	05/14/96	14,900	0.06 J	12.1	19	1.3	0.17	2,760	34	5.3	33.5	19,300	24.2	6,720
LM8-3.13	LM8	05/14/96	25,400	0.11 J	11.6	29	1.4	0.14	5,270	47	6.5	23.0	23,500	25.9	8,020
LM8-6.25	LM8	05/14/96	23,300	0.14 J	11.9	28	1.4	0.16	7,580	46	6.5	35.9	22,800	32.3	8,040
LM8-12.50	LM8	05/14/96	20,300	0.19 J	11.8	30	1.3	0.16	12,400	44	6.3	38.8	21,900	38.7	8,090
LM8-25	LM8	05/14/96	23,800	0.20 J	11.3	38	1.4	0.23	22,200	48	6.8	39.0	22,300	49.6	8,460
LM8-50	LM8	05/14/96	16,700	0.27 J	9.7	44	1.1	0.33	40,700	40	6.1	40.7	18,500	70.0	8,280
LM8-100	LM8	05/14/96	13,500	0.28 J	6.8	66	0.88	0.52	81,200	39	5.8	42.6	14,800	116	8,860
LM13-0	LM13	05/14/96	20,200	0.07 J	11.4	23	1.4	0.090	3,280	40	6.0	10.4	22,000	21.0	7,720
LM13-0.2	LM13	05/14/96	15,300	0.07 J	13.1	20	1.3	0.11	2,870	35	5.4	32.1	19,700	23.4	6,870
LM13-3.13	LM13	05/14/96	23,000	0.09 J	12.3	27	1.4	0.15	5,930	43	6.5	14.4	23,100	24.4	7,990
LM13-6.25	LM13	05/14/96	29,900	0.09 J	11.9	34	1.5	0.11	9,010	49	7.1	14.5	24,700	27.8	8,480
LM13-12.50	LM13	05/14/96	25,900	0.10 J	11.4	34	1.4	0.15	14,000	46	6.8	14.9	23,000	31.7	8,360
LM13-25	LM13	05/14/96	26,200	0.11 J	10.9	40	1.4	0.18	24,900	46	6.9	17.8	22,300	41.0	8,750
LM13-50	LM13	05/14/96	20,800	0.23 J	9.3	51	1.1	0.26	48,100	42	6.3	23.0	19,100	61.5	8,990
LM13-100	LM13	05/14/96	19,700	0.32 J	6.5	82	0.90	0.46	99,400	45	6.8	37.1	16,300	108	10,600
LM13-100A	LM13	05/14/96	15,900	0.34 J	6.2	72	0.85	0.45	88,900	39	6.1	33.5	14,100	99.3	9,520

TABLE 1.5-2. (cont.)

Sample Number	Station	Date	Manganese (mg/kg)	Total Mercury (mg/kg)	Methyl-mercury (µg/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)
LM8-0	LM8	05/14/96	182	0.09	1.9	11.5	4,410	3 *UJ*	0.02 *U*	29,000	0.24	64	47
LM8-0.1	LM8	05/14/96	169	0.90	2.5	8.6	3,800	6	0.08 *J*	27,700	0.20	51	44
LM8-3.13	LM8	05/14/96	185	22.7	4.9	12.7	4,430	3 *UJ*	0.08	29,000	0.25	66	52
LM8-6.25	LM8	05/14/96	186	46.7	6.9	13.5	4,370	3 *UJ*	0.10	29,500	0.24	63	56
LM8-12.50	LM8	05/14/96	185	91.5	13	13.9	4,280	3 *UJ*	0.18	29,700	0.22	62	58
LM8-25	LM8	05/14/96	190	101	23.8	18.0	4,260	3 *UJ*	0.38	29,800	0.24	64	68
LM8-50	LM8	05/14/96	183	390	43.1	19.7	3,560	3 *UJ*	1.2	28,800	0.23	56	74
LM8-100	LM8	05/14/96	185	972	76.2	30.4	2,830	3 *UJ*	1.6	28,600	0.15	52	102
LM13-0	LM13	05/14/96	183	0.10	1.8	10.3	4,180	3 *UJ*	0.02 *U*	29,100	0.21	60	44
LM13-0.2	LM13	05/14/96	172	1.2	2.6	8.9	3,900	6	0.07 *J*	28,300	0.20	52	44
LM13-3.13	LM13	05/14/96	189	17.3	4.4	12.0	4,280	3 *UJ*	0.05	28,800	0.23	63	48
LM13-6.25	LM13	05/14/96	199	36.7	4.4	14.7	4,490	3 *UJ*	0.08	29,800	0.26	69	55
LM13-12.50	LM13	05/14/96	196	70.5	9.8	14.5	4,250	3 *UJ*	0.12	29,800	0.23	65	54
LM13-25	LM13	05/14/96	204	138	21.2	16.8	4,150	3 *UJ*	0.22	31,000	0.21	64	62
LM13-50	LM13	05/14/96	213	305	35.7	19.4	3,560	3 *UJ*	0.42	31,300	0.20	59	69
LM13-100	LM13	05/14/96	258	551	29.6	30.8	2,970	3 *UJ*	0.90	34,200	0.18	59	100
LM13-100A	LM13	05/14/96	225	589		27.2	2,750	3 *UJ*	0.89	32,400	0.20	52	91

Note: Results reported on a dry weight basis.

J - estimated

U - undetected

TABLE 1.5-3. TOXICITY TEST SEDIMENT SAMPLES—SEMIVOLATILE ORGANIC COMPOUNDS

			Chlorinated Aromatic Hydrocarbons						Low Molecular Weight Polycyclic Aromatic Hydrocarbons						
Sample Number	Station	Date	1,2-Dichloro-benzene (mg/kg)	1,3-Dichloro-benzene (mg/kg)	1,4-Dichloro-benzene (mg/kg)	1,2,4-Trichloro-benzene (mg/kg)	Hexachloro-benzene (mg/kg)	2-Chloro-naphthalene (mg/kg)	Naph-thalene (mg/kg)	Acenaph-thylene (mg/kg)	Acenaph-thene (mg/kg)	Fluorene (mg/kg)	Phenan-threne (mg/kg)	Anthra-cene (mg/kg)	2-Methyl-naphthalene (mg/kg)
LM8-0	LM8	05/14/96	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*
LM8-0.1	LM8	05/14/96	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*
LM8-3.13	LM8	05/14/96	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*
LM8-6.25	LM8	05/14/96	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*
LM8-12.50	LM8	05/14/96	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*
LM8-25	LM8	05/14/96	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	0.070 *J*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*
LM8-50	LM8	05/14/96	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	0.20 *J*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*
LM8-100	LM8	05/14/96	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	0.40 *J*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*
LM13-0	LM13	05/14/96	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*
LM13-0.2	LM13	05/14/96	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*
LM13-3.13	LM13	05/14/96	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*
LM13-6.25	LM13	05/14/96	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*
LM13-12.50	LM13	05/14/96	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*
LM13-25	LM13	05/14/96	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*
LM13-50	LM13	05/14/96	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	0.070 *J*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*
LM13-100	LM13	05/14/96	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	0.20 *J*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*
LM13-100A	LM13	05/14/96	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*	0.20 *J*	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*

TABLE 1.5-3. (cont.)

			High Molecular Weight Polycyclic Aromatic Hydrocarbons										Phenols			
Sample Number	Station	Date	Fluor-anthene (mg/kg)	Pyrene (mg/kg)	Benz[a]-anthracene (mg/kg)	Chrysene (mg/kg)	Benzo[b]-fluor-anthene (mg/kg)	Benzo[k]-fluor-anthene (mg/kg)	Benz[a]-pyrene (mg/kg)	Indeno [1,2,3-cd]-pyrene (mg/kg)	Dibenz[a,h]-anthracene (mg/kg)	Benzo[ghi]-perylene (mg/kg)	Phenol (mg/kg)	2-Methyl-phenol (mg/kg)	3- and 4-Methyl-phenol (mg/kg)	2,4-Dimethyl-phenol (mg/kg)
LM8-0	LM8	05/14/96	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*
LM8-0.1	LM8	05/14/96	0.44 *U*	0.070 *J*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*
LM8-3.13	LM8	05/14/96	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*
LM8-6.25	LM8	05/14/96	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*
LM8-12.50	LM8	05/14/96	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*
LM8-25	LM8	05/14/96	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*
LM8-50	LM8	05/14/96	0.050 *J*	0.090 *J*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*
LM8-100	LM8	05/14/96	0.090 *J*	0.20 *J*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*
LM13-0	LM13	05/14/96	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*
LM13-0.2	LM13	05/14/96	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*
LM13-3.13	LM13	05/14/96	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*
LM13-6.25	LM13	05/14/96	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*
LM13-12.50	LM13	05/14/96	1.1 *U*	1.1 *U*	0.040 *J*	1.1 *U*	1.1 *U*	1.1 *U*	0.20 *J*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*
LM13-25	LM13	05/14/96	1.2 *U*	0.040 *J*	0.080 *J*	0.040 *J*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*
LM13-50	LM13	05/14/96	0.050 *J*	0.070 *J*	0.10 *J*	0.080 *J*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*
LM13-100	LM13	05/14/96	0.10 *J*	0.20 *J*	0.20 *J*	0.20 *J*	0.10 *J*	0.090 *J*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*
LM13-100A	LM13	05/14/96	0.10 *J*	0.10 *J*	0.20 *J*	0.20 *J*	0.10 *J*	0.060 *J*	1.3 *U*	1.3 *U*	1.3 *U*	0.080 *J*	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*

TABLE 1.5-3. (cont.)

Sample Number	Station	Date	Substituted Phenols										Chlorinated Aliphatic Hydrocarbons		
			2-Chloro-phenol (mg/kg)	2,4-Dichloro-phenol (mg/kg)	4-Chloro-3-methyl-phenol (mg/kg)	2,4,6-Trichloro-phenol (mg/kg)	2,4,5-Trichloro-phenol (mg/kg)	Penta-chloro-phenol (mg/kg)	2-Nitrophenol (mg/kg)	4-Nitrophenol (mg/kg)	2,4-Dinitrophenol (mg/kg)	2-Methyl-4,6-dinitrophenol (mg/kg)	Hexachloro-ethane (mg/kg)	Hexachloro-butadiene (mg/kg)	Hexachloro-cyclopenta-diene (mg/kg)
LM8-0	LM8	05/14/96	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	6.6 *U*	1.1 *U*	6.6 *U*	6.6 *U*	6.6 *U*	1.1 *U*	1.1 *U*	1.1 *U*
LM8-0.1	LM8	05/14/96	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	3.0 *U*	0.44 *U*	3.0 *U*	3.0 *U*	3.0 *U*	0.44 *U*	0.44 *U*	0.44 *U*
LM8-3.13	LM8	05/14/96	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	9.0 *U*	1.5 *U*	9.0 *U*	9.0 *U*	9.0 *U*	1.5 *U*	1.5 *U*	1.5 *U*
LM8-6.25	LM8	05/14/96	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	6.2 *U*	1.0 *U*	6.2 *U*	6.2 *U*	6.2 *U*	1.0 *U*	1.0 *U*	1.0 *U*
LM8-12.50	LM8	05/14/96	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	6.7 *U*	1.1 *U*	6.7 *U*	6.7 *U*	6.7 *U*	1.1 *U*	1.1 *U*	1.1 *U*
LM8-25	LM8	05/14/96	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	6.8 *U*	1.1 *U*	6.8 *U*	6.8 *U*	6.8 *U*	1.1 *U*	1.1 *U*	1.1 *U*
LM8-50	LM8	05/14/96	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	8.3 *U*	1.4 *U*	8.3 *U*	8.3 *U*	8.3 *U*	1.4 *U*	1.4 *U*	1.4 *U*
LM8-100	LM8	05/14/96	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	8.5 *U*	1.4 *U*	8.5 *U*	8.5 *U*	8.5 *U*	1.4 *U*	1.4 *U*	1.4 *U*
LM13-0	LM13	05/14/96	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	6.6 *U*	1.1 *U*	6.6 *U*	6.6 *U*	6.6 *U*	1.1 *U*	1.1 *U*	1.1 *U*
LM13-0.2	LM13	05/14/96	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	3.0 *U*	0.44 *U*	3.0 *U*	3.0 *U*	3.0 *U*	0.44 *U*	0.44 *U*	0.44 *U*
LM13-3.13	LM13	05/14/96	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	6.3 *U*	1.0 *U*	6.3 *U*	6.3 *U*	6.3 *U*	1.0 *U*	1.0 *U*	1.0 *U*
LM13-6.25	LM13	05/14/96	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	6.6 *U*	1.1 *U*	6.6 *U*	6.6 *U*	6.6 *U*	1.1 *U*	1.1 *U*	1.1 *U*
LM13-12.50	LM13	05/14/96	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	6.8 *U*	1.1 *U*	6.8 *U*	6.8 *U*	6.8 *U*	1.1 *U*	1.1 *U*	1.1 *U*
LM13-25	LM13	05/14/96	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	7.3 *U*	1.2 *U*	7.3 *U*	7.3 *U*	7.3 *U*	0.060 *J*	1.2 *U*	1.2 *U*
LM13-50	LM13	05/14/96	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	7.4 *U*	1.2 *U*	7.4 *U*	7.4 *U*	7.4 *U*	0.10 *J*	1.2 *U*	1.2 *U*
LM13-100	LM13	05/14/96	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	9.5 *U*	1.6 *U*	9.5 *U*	9.5 *U*	9.5 *U*	0.20 *J*	1.6 *U*	1.6 *U*
LM13-100A	LM13	05/14/96	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*	7.6 *U*	1.3 *U*	7.6 *U*	7.6 *U*	7.6 *U*	0.20 *J*	1.3 *U*	1.3 *U*

TABLE 1.5-3. (cont.)

			Halogenated Ethers					Phthalates						Miscellaneous Oxygenated Compounds			
Sample Number	Station	Date	Bis[2-chloro-ethyl-]ether (mg/kg)	Bis(2-chloro-isopropyl)-ether (mg/kg)	4-Chloro phenyl-phenyl ether (mg/kg)	4-Bromo phenyl-phenyl ether (mg/kg)	Bis(2-chloro-ethoxy)-methane (mg/kg)	Dimethyl phthalate (mg/kg)	Diethyl phthalate (mg/kg)	Di-n-butyl phthalate (mg/kg)	Butyl-benzyl phthalate (mg/kg)	Bis[2-ethyl-hexyl]-phthalate (mg/kg)	Di-n-octyl phthalate (mg/kg)	Iso-phorone (mg/kg)	Benzyl alcohol (mg/kg)	Benzoic acid (mg/kg)	Dibenzo-furan (mg/kg)
LM8-0	LM8	05/14/96	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	0.40 *U*	1.1 *U*	1.1 *U*	1.1 *U*	6.6 *U*	1.1 *U*
LM8-0.1	LM8	05/14/96	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.40 *U*	0.44 *U*	0.44 *U*	0.44 *U*	3.0 *U*	0.44 *U*
LM8-3.13	LM8	05/14/96	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	0.50 *U*	1.5 *U*	1.5 *U*	1.5 *U*	9.0 *U*	1.5 *U*
LM8-6.25	LM8	05/14/96	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.8	1.0 *U*	1.0 *U*	1.0 *U*	6.2 *U*	1.0 *U*
LM8-12.50	LM8	05/14/96	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	0.90 *U*	1.1 *U*	1.1 *U*	1.1 *U*	6.7 *U*	1.1 *U*
LM8-25	LM8	05/14/96	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	0.60 *U*	1.1 *U*	1.1 *U*	1.1 *U*	6.8 *U*	1.1 *U*
LM8-50	LM8	05/14/96	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	0.70 *U*	1.4 *U*	1.4 *U*	1.4 *U*	8.3 *U*	1.4 *U*
LM8-100	LM8	05/14/96	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.3	1.4 *U*	1.4 *U*	1.4 *U*	8.5 *U*	1.4 *U*
LM13-0	LM13	05/14/96	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	0.40 *U*	1.1 *U*	1.1 *U*	1.1 *U*	6.6 *U*	1.1 *U*
LM13-0.2	LM13	05/14/96	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.30 *U*	0.44 *U*	0.44 *U*	0.44 *U*	3.0 *U*	0.44 *U*
LM13-3.13	LM13	05/14/96	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	0.80 *U*	1.0 *U*	1.0 *U*	1.0 *U*	6.3 *U*	1.0 *U*
LM13-6.25	LM13	05/14/96	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	0.90 *U*	1.1 *U*	1.1 *U*	1.1 *U*	6.6 *U*	1.1 *U*
LM13-12.50	LM13	05/14/96	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	0.70 *U*	1.1 *U*	1.1 *U*	1.1 *U*	6.8 *U*	1.1 *U*
LM13-25	LM13	05/14/96	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	8.0	1.2 *U*	1.2 *U*	1.2 *U*	7.3 *U*	1.2 *U*
LM13-50	LM13	05/14/96	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	3.2	1.2 *U*	1.2 *U*	1.2 *U*	7.4 *U*	1.2 *U*
LM13-100	LM13	05/14/96	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	0.20 *J*	1.6 *U*	1.6	1.6 *U*	1.6 *U*	9.5 *U*	9.5 *U*	1.6 *U*
LM13-100A	LM13	05/14/96	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*	2.8	1.3 *U*	1.3 *U*	7.6 *U*	7.6 *U*	1.3 *U*

TABLE 1.5-3. (cont.)

			Organonitrogen Compounds											
Sample Number	Station	Date	Aniline (mg/kg)	Nitro-benzene (mg/kg)	N-nitroso dimethyl-amine (mg/kg)	N-nitroso-di-n-propylamine (mg/kg)	2-Nitroaniline (mg/kg)	3-Nitroaniline (mg/kg)	4-Nitroaniline (mg/kg)	2,6-Dinitrotoluene (mg/kg)	2,4-Dinitrotoluene (mg/kg)	N-nitrosodiphenyl-amine (mg/kg)	4-Chloro-aniline (mg/kg)	3,3'-Dichloro-benzidine (mg/kg)
LM8-0	LM8	05/14/96	3.3 *U*	1.1 *U*	6.6 *U*	1.1 *U*	6.6 *U*	6.6 *U*	6.6 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	6.6 *U*
LM8-0.1	LM8	05/14/96	1.5 *UJ*	0.44 *U*	3.0 *UJ*	0.44 *U*	3.0 *U*	3.0 *U*	3.0 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	3.0 *UJ*
LM8-3.13	LM8	05/14/96	4.5 *U*	1.5 *U*	9.0 *U*	1.5 *U*	9.0 *U*	9.0 *U*	9.0 *U*	1.5 *U*	1.5 *U*	1.5 *U*	1.5 *U*	9.0 *U*
LM8-6.25	LM8	05/14/96	3.1 *U*	1.0 *U*	6.2 *U*	1.0 *U*	6.2 *U*	6.2 *U*	6.2 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	6.2 *U*
LM8-12.50	LM8	05/14/96	3.4 *U*	1.1 *U*	6.7 *U*	1.1 *U*	6.7 *U*	6.7 *U*	6.7 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	6.7 *U*
LM8-25	LM8	05/14/96	3.4 *U*	1.1 *U*	6.8 *U*	1.1 *U*	6.8 *U*	6.8 *U*	6.8 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	6.8 *U*
LM8-50	LM8	05/14/96	4.1 *U*	1.4 *U*	8.3 *U*	1.4 *U*	8.3 *U*	8.3 *U*	8.3 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	8.3 *U*
LM8-100	LM8	05/14/96	4.3 *U*	1.4 *U*	8.5 *U*	1.4 *U*	8.5 *U*	8.5 *U*	8.5 *U*	1.4 *U*	1.4 *U*	1.4 *U*	1.4 *U*	8.5 *U*
LM13-0	LM13	05/14/96	3.3 *U*	1.1 *U*	6.6 *U*	1.1 *U*	6.6 *U*	6.6 *U*	6.6 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	6.6 *U*
LM13-0.2	LM13	05/14/96	1.5 *UJ*	0.44 *U*	3.0 *UJ*	0.44 *U*	3.0 *U*	3.0 *U*	3.0 *U*	0.44 *U*	0.44 *U*	0.44 *U*	0.44 *U*	3.0 *UJ*
LM13-3.13	LM13	05/14/96	3.1 *U*	1.0 *U*	6.3 *U*	1.0 *U*	6.3 *U*	6.3 *U*	6.3 *U*	1.0 *U*	1.0 *U*	1.0 *U*	1.0 *U*	6.3 *U*
LM13-6.25	LM13	05/14/96	3.3 *U*	1.1 *U*	6.6 *U*	1.1 *U*	6.6 *U*	6.6 *U*	6.6 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	6.6 *U*
LM13-12.50	LM13	05/14/96	3.4 *U*	1.1 *U*	6.8 *U*	1.1 *U*	6.8 *U*	6.8 *U*	6.8 *U*	1.1 *U*	1.1 *U*	1.1 *U*	1.1 *U*	6.8 *U*
LM13-25	LM13	05/14/96	3.7 *U*	1.2 *U*	7.3 *U*	1.2 *U*	7.3 *U*	7.3 *U*	7.3 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	7.3 *U*
LM13-50	LM13	05/14/96	3.7 *U*	1.2 *U*	7.4 *U*	1.2 *U*	7.4 *U*	7.4 *U*	7.4 *U*	1.2 *U*	1.2 *U*	1.2 *U*	1.2 *U*	7.4 *U*
LM13-100	LM13	05/14/96	4.8 *U*	1.6 *U*	9.5 *U*	1.6 *U*	9.5 *U*	9.5 *U*	9.5 *U*	1.6 *U*	1.6 *U*	1.6 *U*	1.6 *U*	9.5 *U*
LM13-100A	LM13	05/14/96	3.8 *U*	1.3 *U*	7.6 *U*	1.3 *U*	7.6 *U*	7.6 *U*	7.6 *U*	1.3 *U*	1.3 *U*	1.3 *U*	1.3 *U*	7.6 *U*

Note: Results are reported on a dry weight basis.

J - estimated

U - undetected

TABLE 1.5-4. TOXICITY TEST SEDIMENT SAMPLES—PESTICIDES AND PCBs

Sample Number	Station	Date	alpha-Hexachloro-cyclohexane (mg/kg)	beta-Hexachloro-cyclohexane (mg/kg)	delta-Hexachloro-cyclohexane (mg/kg)	gamma-Hexachloro-cyclohexane (mg/kg)	Aldrin (mg/kg)	Chlordane (mg/kg)	Dieldrin (mg/kg)	alpha-Endosulfan (mg/kg)	beta-Endosulfan (mg/kg)	Endosulfan sulfate (mg/kg)	Endrin (mg/kg)
LM8-0	LM8	05/14/96	0.003 *U*	0.009 *U*	0.003 *U*	0.003 *U*	0.003 *U*	0.03 *U*	0.003 *U*	0.003 *U*	0.003 *U*	0.003 *U*	0.003 *U*
LM8-0.1	LM8	05/14/96	0.002 *U*	0.006 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.004 *U*	0.0007 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.0006 *U*
LM8-3.13	LM8	05/14/96	0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	0.4 *U*	0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*
LM8-12.50	LM8	05/14/96	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*
LM8-25	LM8	05/14/96	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*
LM8-6.25	LM8	05/14/96	0.09 *U*	0.09 *U*	0.09 *U*	0.09 *U*	0.09 *U*	0.5 *U*	0.09 *U*	0.09 *U*	0.09 *U*	0.09 *U*	0.09 *U*
LM8-50	LM8	05/14/96	0.6 *U*	0.6 *U*	0.6 *U*	0.6 *U*	0.6 *U*	3 *U*	0.6 *U*	0.6 *U*	0.6 *U*	0.6 *U*	0.6 *U*
LM8-100	LM8	05/14/96	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	6 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*
LM13-0	LM13	05/14/96	0.003 *U*	0.003 *U*	0.003 *U*	0.003 *U*	0.003 *U*	0.03 *U*	0.003 *U*	0.003 *U*	0.003 *U*	0.003 *U*	0.003 *U*
LM13-0.2	LM13	05/14/96	0.002 *U*	0.002 *U*	0.002 *U*	0.0003 *U*	0.002 *U*	0.004 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.002 *U*	0.0005 *U*
LM13-3.13	LM13	05/14/96	0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	0.3 *U*	0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*
LM13-6.25	LM13	05/14/96	0.08 *U*	0.08 *U*	0.08 *U*	0.08 *U*	0.08 *U*	0.3 *U*	0.08 *U*	0.08 *U*	0.08 *U*	0.08 *U*	0.08 *U*
LM13-12.50	LM13	05/14/96	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.6 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*
LM13-25	LM13	05/14/96	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.5 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*
LM13-50	LM13	05/14/96	1 *U*	1 *U*	1 *U*	1 *U*	1 *U*	5 *U*	1 *U*	1 *U*	1 *U*	1 *U*	1 *U*
LM13-100	LM13	05/14/96	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	7 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*
LM13-100A	LM13	05/14/96	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	6 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*

TABLE 1.5-4. (cont.)

Sample Number	Station	Date	Endrin aldehyde (mg/kg)	Heptachlor epoxide (mg/kg)	Heptachlor (mg/kg)	Methoxychlor (mg/kg)	4,4-DDD (mg/kg)	4,4-DDE (mg/kg)	4,4-DDT (mg/kg)	Toxaphene (mg/kg)	Aroclor® 1016 (mg/kg)	Aroclor® 1221 (mg/kg)
LM8-0	LM8	05/14/96	0.003 *U*	0.003 *U*	0.003 *U*	0.01 *U*	0.003 *U*	0.003 *U*	0.003 *U*	0.2 *U*	0.008 *U*	0.02 *U*
LM8-0.1	LM8	05/14/96	0.0005 *U*	0.002 *U*	0.002 *U*	0.04 *U*	0.002 *U*	0.0005 *U*	0.002 *U*	0.07 *U*	0.008 *U*	0.02 *U*
LM8-3.13	LM8	05/14/96	0.2 *U*	0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	0.05 *U*	2 *U*	0.3 *U*	0.3 *U*
LM8-12.50	LM8	05/14/96	0.3 *U*	0.3 *U*	0.3 *U*	0.9 *U*	0.3 *U*	0.3 *U*	0.3 *U*	20 *U*	2 *U*	2 *U*
LM8-25	LM8	05/14/96	0.9 *U*	0.3 *U*	0.3 *U*	1 *U*	0.3 *U*	0.3 *U*	0.3 *U*	20 *U*	2 *U*	2 *U*
LM8-6.25	LM8	05/14/96	0.2 *U*	0.09 *U*	0.09 *U*	0.09 *U*	0.09 *U*	0.09 *U*	0.09 *U*	2 *U*	0.2 *U*	0.2 *U*
LM8-50	LM8	05/14/96	2 *U*	0.6 *U*	0.6 *U*	0.6 *U*	0.6 *U*	0.6 *U*	0.6 *U*	20 *U*	3 *U*	3 *U*
LM8-100	LM8	05/14/96	4 *U*	2 *U*	2 *U*	1 *U*	2 *U*	2 *U*	2 *U*	30 *U*	30 *U*	30 *U*
LM13-0	LM13	05/14/96	0.003 *U*	0.003 *U*	0.003 *U*	0.009 *U*	0.003 *U*	0.003 *U*	0.003 *U*	0.2 *U*	0.008 *U*	0.02 *U*
LM13-0.2	LM13	05/14/96	0.0004 *U*	0.002 *U*	0.002 *U*	0.03 *U*	0.002 *U*	0.0005 *U*	0.002 *U*	0.06 *U*	0.008 *U*	0.02 *U*
LM13-3.13	LM13	05/14/96	0.05 *U*	0.05 *U*	0.05 *U*	0.09 *U*	0.05 *U*	0.05 *U*	0.05 *U*	2 *U*	0.2 *U*	0.2 *U*
LM13-6.25	LM13	05/14/96	0.2 *U*	0.08 *U*	0.08 *U*	0.09 *U*	0.08 *U*	0.08 *U*	0.08 *U*	2 *U*	0.2 *U*	0.2 *U*
LM13-12.50	LM13	05/14/96	0.4 *U*	0.3 *U*	0.3 *U*	0.2 *U*	0.3 *U*	0.3 *U*	0.3 *U*	3 *U*	0.2 *U*	0.2 *U*
LM13-25	LM13	05/14/96	0.5 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	0.3 *U*	3 *U*	3 *U*	3 *U*
LM13-50	LM13	05/14/96	1 *U*	1 *U*	1 *U*	1 *U*	1 *U*	1 *U*	1 *U*	30 *U*	3 *U*	3 *U*
LM13-100	LM13	05/14/96	3 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	40 *U*	30 *U*	30 *U*
LM13-100A	LM13	05/14/96	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	2 *U*	30 *U*	30 *U*	30 *U*

TABLE 1.5-4. (cont.)

Sample Number	Station	Date	Aroclor® 1232 (mg/kg)	Aroclor® 1242 (mg/kg)	Aroclor® 1248 (mg/kg)	Aroclor® 1254 (mg/kg)	Aroclor® 1260 (mg/kg)	Aroclor® 1268 (mg/kg)
LM8-0	LM8	05/14/96	0.02 *U*	0.006 *U*	0.006 *U*	0.006 *U*	0.006 *U*	0.06
LM8-0.1	LM8	05/14/96	0.02 *U*	0.006 *U*	0.02 *U*	0.05 *U*	0.07 *U*	1.8
LM8-3.13	LM8	05/14/96	0.3 *U*	0.3 *U*	0.3 *U*	3 *U*	5 *U*	82
LM8-12.50	LM8	05/14/96	2 *U*	2 *U*	2 *U*	2 *U*	10 *U*	270
LM8-25	LM8	05/14/96	2 *U*	2 *U*	2 *U*	7 *U*	35 *U*	690
LM8-6.25	LM8	05/14/96	0.2 *U*	0.2 *U*	0.3 *U*	2 *U*	8 *U*	150
LM8-50	LM8	05/14/96	3 *U*	3 *U*	3 *U*	12 *U*	53 *U*	1,000
LM8-100	LM8	05/14/96	30 *U*	30 *U*	30 *U*	30 *U*	120 *U*	2,300
LM13-0	LM13	05/14/96	0.02 *U*	0.006 *U*	0.006 *U*	0.02 *U*	0.02 *U*	0.29
LM13-0.2	LM13	05/14/96	0.02 *U*	0.02 *U*	0.02 *U*	0.05 *U*	0.07 *U*	1.5
LM13-3.13	LM13	05/14/96	0.2 *U*	0.2 *U*	0.2 *U*	0.5 *U*	3 *U*	35
LM13-6.25	LM13	05/14/96	0.2 *U*	0.2 *U*	0.2 *U*	2 *U*	6 *U*	82
LM13-12.50	LM13	05/14/96	0.2 *U*	0.2 *U*	2 *U*	4 *U*	12 *U*	190
LM13-25	LM13	05/14/96	3 *U*	3 *U*	3 *U*	5 *U*	17 *U*	310
LM13-50	LM13	05/14/96	3 *U*	3 *U*	3 *U*	12 *U*	41 *U*	730
LM13-100	LM13	05/14/96	30 *U*	30 *U*	30 *U*	30 *U*	80 *U*	1,400
LM13-100A	LM13	05/14/96	30 *U*	30 *U*	30 *U*	30 *U*	60 *U*	1,000

Note: Results are reported on a dry weight basis.

J - estimated

U - undetected

Section 1.6

Mercury Methylation Data

TABLE 1.6-1. MERCURY METHYLATION SURFACEWATER SAMPLES—MERCURY AND SUSPENDED SOLIDS

Sample Number	Station	Date	Time	Sample Type	Total Mercury (ng/L)		Methylmercury (ng/L)		Total Suspended Solids (mg/L)
					Total	Dissolved	Total	Dissolved	
CRKA-HG01	JAN-A	01/24/96	10:30	SURFWATER	126	12.2	0.404	0.189	22.0
CRKA-HG02	JAN-A	01/24/96	11:35	SURFWATER	123	7.83	0.424	0.0420	38.9
CRKA-HG03	JAN-A	01/24/96	12:05	SURFWATER	64.2	6.73	0.291	0.0750	38.8
CRKA-HG04	JAN-A	01/24/96	12:35	SURFWATER	37.1	6.07	0.246	0.127	25.8
CRKA-HG05	JAN-A	01/24/96	13:05	SURFWATER	44.7	9.1	0.195	0.116	18.6
CRKA-HG06	JAN-A	01/24/96	13:37	SURFWATER	64.0	11.0	0.373	0.230	16.6
CRKA-HG07	JAN-A	01/24/96	14:15	SURFWATER	83.3	9.6	0.390	0.233	15.5
CRKA-HG08	JAN-A	01/24/96	14:49	SURFWATER	251	18.2	0.366	0.430	13.7
CRKA-HG09	JAN-A	01/24/96	14:19	SURFWATER	74.8	15.1	0.562	0.189	13.9
CRKB-HG10	JAN-B	01/25/96	11:20	SURFWATER	15.3	6.96	0.268	0.113	13.5
CRKB-HG11	JAN-B	01/25/96	11:52	SURFWATER	11.4	8.03	0.160	0.0610	20.2
CRKB-HG12	JAN-B	01/25/96	12:22	SURFWATER	16.9	4.10	0.219	0.0520	25.2
CRKB-HG13	JAN-B	01/25/96	12:51	SURFWATER	16.4	5.45	0.269	0.158	39.8
CRKB-HG14	JAN-B	01/25/96	13:25	SURFWATER	15.8	4.19	0.193	0.0480	38.8
CRKB-HG15	JAN-B	01/25/96	13:52	SURFWATER	12.3	4.78	0.139	0.0490	30.7
CRKB-HG16	JAN-B	01/25/96	14:24	SURFWATER	11.4	9.09	0.123	0.109	23.2
CRKB-HG17	JAN-B	01/25/96	14:54	SURFWATER	13.2	6.45	0.304	0.146	16.4
CRKB-HG18	JAN-B	01/25/96	14:59	SURFWATER	14.7	5.50	0.295	0.153	10.2
CRKB-HG19	JAN-B	01/25/96	15:25	SURFWATER	32.7	12.0	0.631	0.228	13.6
MMCS0019	JUN-C	06/20/96	18:00	SURFWATER	181	29.5	4.5	2.1	123
MMCS0020	JUN-C	06/20/96	18:45	SURFWATER	123	34.1	4.2	1.5	98.6
MMCS0021	JUN-C	06/20/96	19:30	SURFWATER	95.7	35.9	4.1	1.3	69.1
MMCS0022	JUN-C	06/20/96	20:15	SURFWATER	77.2	34.0	3.4	1.9	61.6
MMCS0023	JUN-C	06/20/96	21:00	SURFWATER	119	36.6	3.2	1.4	89.5
MMCS0024	JUN-C	06/20/96	21:45	SURFWATER	82.1	24.4	1.7	0.50	50.7
MMCS0025	JUN-C	06/20/96	22:30	SURFWATER	44.5	13.4	0.70	0.37	42.0
MMCS0026	JUN-C	06/20/96	23:15	SURFWATER	41.1	9.8	0.48	0.19	79.9
MMCS0027	JUN-C	06/21/96	00:01	SURFWATER	36.9	8.5	0.41	0.19	55.1
MMCS0028	JUN-C	06/21/96	00:46	SURFWATER	23.7	8.1	0.33	0.16	47.6
MMCS0029	JUN-C	06/21/96	01:31	SURFWATER	23.4	8.5	0.42	0.10	51.1
MMCS0030	JUN-C	06/21/96	02:16	SURFWATER	32.9	8.9	0.59	0.20	46.8
MMCS0031	JUN-C	06/21/96	03:01	SURFWATER	38.7	10.9	0.99	0.44	48.7
MMCS0032	JUN-C	06/21/96	03:41	SURFWATER	45.6	19.2	1.9	1.3	51.9
MMCS0033	JUN-C	06/21/96	04:31	SURFWATER	85.1	24.7	4.4	1.2	73.6
MMCS0034	JUN-C	06/21/96	05:16	SURFWATER	116	27.9	4.9	2.0	143
MMCS0001	JUN-A	06/26/96	23:30	SURFWATER	4,070	213	19.6	3.5	186
MMCS0002	JUN-A	06/27/96	00:15	SURFWATER	1,070	243	15.9	8.5	280
MMCS0003	JUN-A	06/27/96	01:00	SURFWATER	975	192	20.0	10.1	86.5
MMCS0004	JUN-A	06/27/96	01:45	SURFWATER	1,950	176	11.8	6.9	87.7
MMCS0005	JUN-A	06/27/96	02:30	SURFWATER	542	41.6	3.1	1.1	94.1
MMCS0006	JUN-A	06/27/96	03:15	SURFWATER	312	30.1	4.2	0.80	112
MMCS0007	JUN-A	06/27/96	04:00	SURFWATER	232	11.7	0.62	0.39	56.2
MMCS0008	JUN-A	06/27/96	04:45	SURFWATER	237	13.2	0.60	0.46	99.0
MMCS0009	JUN-A	06/27/96	05:30	SURFWATER	264	10.7	1.8	0.39	70.2
MMCS0010	JUN-A	06/27/96	06:15	SURFWATER	140	5.2	0.81	0.25	87.5
MMCS0011	JUN-A	06/27/96	07:00	SURFWATER	57.2	7.7	0.64	0.27	70.1
MMCS0012	JUN-A	06/27/96	07:45	SURFWATER	597	18.3	3.6	0.39	81.7
MMCS0013	JUN-A	06/27/96	08:30	SURFWATER	935	40.0	5.5	1.1	63.2
MMCS0014	JUN-A	06/27/96	09:15	SURFWATER	1,110	82.9	9.8	1.2	219
MMCS0015	JUN-A	06/27/96	10:00	SURFWATER	1,070	160	13.7	6.1	536
MMCS0016	JUN-A	06/27/96	10:45	SURFWATER	1,550	185	17.9	8.2	96.7

TABLE 1.6-1. (cont.)

Sample Number	Station	Date	Time	Sample Type	Total Mercury (ng/L) Total	Total Mercury (ng/L) Dissolved	Methylmercury (ng/L) Total	Methylmercury (ng/L) Dissolved	Total Suspended Solids (mg/L)
Clubbs Creek									
MMBR0001	BR	06/18/96	17:30	SURFWATER	18.0	6.0	0.47	0.21	152
MMBR0002	BR	06/18/96	18:15	SURFWATER	27.1	5.0	0.63	0.16	583
MMBR0003	BR	06/18/96	19:00	SURFWATER	9.7	4.3	0.10	0.10	48.4
MMBR0004	BR	06/18/96	19:45	SURFWATER	10.6	2.9	0.41	0.090	158
MMBR0005	BR	06/18/96	20:30	SURFWATER	9.1	6.1	0.80	0.090	107
MMBR0006	BR	06/18/96	21:15	SURFWATER	4.8	3.0	0.23	0.070	53.2
MMBR0007	BR	06/18/96	22:00	SURFWATER	7.6	2.7	0.16	0.070	59.1
MMBR0008	BR	06/18/96	22:45	SURFWATER	10.2	2.7	0.14	0.10	99.7
MMBR0009	BR	06/18/96	23:30	SURFWATER	14.7	5.4	0.18	0.12	59.3
MMBR0010	BR	06/19/96	24:15	SURFWATER	16.6	3.0	0.16	0.090	118
MMBR0011	BR	06/19/96	01:00	SURFWATER	10.5	3.1	0.29	0.14	92.9
MMBR0012	BR	06/19/96	01:45	SURFWATER	16.8	3.7	0.18	0.15	92.3
MMBR0013	BR	06/19/96	02:30	SURFWATER	19.3	3.8	0.25	0.11	110
MMBR0014	BR	06/19/96	03:15	SURFWATER	10.5	3.5	0.38	0.15	43.9
MMBR0015	BR	06/19/96	04:00	SURFWATER	8.5	5.0	0.37	0.16	62.2
MMBR0016	BR	06/19/96	04:45	SURFWATER	12.5	4.4	0.54	0.32	53.1
Jointer Creek									
MMCR0002	CR	06/23/96	21:45	SURFWATER	14.4	2.5	0.74	0.20	207
MMCR0003	CR	06/23/96	22:30	SURFWATER	11.5	2.9	0.13	0.18	153
MMCR0004	CR	06/23/96	23:15	SURFWATER	7.9	2.8	0.14	0.07	87.4
MMCR0005	CR	06/24/96	24:00	SURFWATER	4.4	3.1	0.12	0.07	78.5
MMCR0006	CR	06/24/96	00:45	SURFWATER	6.6	3.6	0.080	0.10	92.8
MMCR0007	CR	06/24/96	01:30	SURFWATER	4.2	2.2	0.090	0.060	43.3
MMCR0008	CR	06/24/96	02:15	SURFWATER	4.7	1.5 *J*	0.21	0.060	79.8
MMCR0009	CR	06/24/96	03:00	SURFWATER	5.0	2.4	0.15	0.14	169
MMCR0010	CR	06/24/96	03:45	SURFWATER	3.7	2.0	0.31	0.040	108
MMCR0011	CR	06/24/96	04:30	SURFWATER	6.6	2.0	0.15	0.070	74.6
MMCR0012	CR	06/24/96	05:15	SURFWATER	5.0	4.4	0.14	0.10	73.2
MMCR0013	CR	06/24/96	06:00	SURFWATER	3.8	3.4	0.28	0.14	78.6
MMCR0014	CR	06/24/96	06:45	SURFWATER	5.0	2.5	0.40	0.14	99.0

Note: *J* - estimated

Section 1.7

Food Web Tissue and Vegetation Data

TABLE 1.7-1. FOOD WEB TISSUE AND VEGETATION SAMPLES— METALS AND TOTAL SOLIDS

Sample Number	Station	Date	Lead (mg/kg)	Total Mercury (µg/kg)	Methyl-mercury (µg/kg)	Total Solids [a] (percent)	Total Solids [b] (percent)
Fiddler Crab[e]							
PREYT1-FC	PT-1	06/27/96	0.18 [c]	91.8	65.3	6.9 *R*[d]	21.0
PREYT2-FC	PT-2	06/27/96	0.37	92.9	51.5	20.8	18.5
PREYT3-FC	PT-3	06/28/96	0.22	58.9	44.1	20.0	22.1
PREYT4-FC	PT-4	06/26/96	2.5	518	178	28.8	28.6
Clubbs Creek							
PREYBR-FC	BR-1	06/28/96	0.22	15.3	7.8	25.2	26.5
Jointer Creek							
PREYCR-FC	CR-1	06/25/96	0.41	6.2	4.1	22.6	23.8
Insect[e]							
PREYT2-IN	PT-2	06/27/96	2.6	42.0	7.7	52.1	40.0
PREYT4-IN	PT-4	06/26/96	1.7	740	107	63.0	-- [f]
Oyster							
PREYT4-BV	PT-4	06/26/96	0.14	707	148	7.8	9.3
Clubbs Creek							
PREYBR-BV	BR-1	06/28/96	0.044	28.6	8.3	13.4	13.9
Jointer Creek							
PREYCR-BV	CR-1	06/25/96	0.068	30.3	14.5	14.8	15.1
Periwinkle[e]							
PREYT1-PW	PT-1	06/27/96	0.36	110	24.0	78.9	74.7
PREYT2-PW	PT-2	06/27/96	1.1	164	21.9	75.8	80.9
PREYT3-PW	PT-3	06/28/96	0.31 [c]	162	16.5	32.7 *R*[d]	78.8
PREYT4-PW	PT-4	06/26/96	0.66	2150	77.6	66.4	72.4
Clubbs Creek							
PREYBR-PW	BR-1	06/28/96	0.17	33.4	1.4	69.8	70.5
Jointer Creek							
PREYCR-PW	CR-1	06/25/96	0.48	27.3	4.5	80.0	76.3
Spartina							
PREYT1-SP	PT-1	06/27/96	0.63	68.3	3.4	36.8	35.5
PREYT2-SP	PT-2	06/27/96	0.19	53.8	0.44	31.0	31.2
PREYT3-SP	PT-3	06/28/96	0.46	38.7	0.57	33.2	34.0
PREYT4-SP	PT-4	06/26/96	0.35	421	5.0	32.1	34.1
Clubbs Creek							
PREYBR-SP	BR-1	06/28/96	0.19	12.1	0.17	28.2	52.5 *R*[d]
Jointer Creek							
PREYCR-SP	CR-1	06/25/96	0.19	4.7	0.060	28.9	35.2

Notes: All results are reported on a wet weight basis.

BV - bivalve PW - periwinkle
FC - fiddler crab SP - spartina
IN - insect

[a] Total solids associated with the lead analyses. These values were used for conversions of lead concentrations to wet weight except as noted.

[b] Total solids associated with the mercury analyses.

[c] Data were generated and reported on a dry weight basis by the laboratory. The total solids result for mercury analyses was used to determine wet weight concentrations.

[d] Result was rejected based on Dixon test for outliers (see Appendix C).

[e] Whole animals were homogenized and analyzed; soft tissue was not removed from shells.

[f] Insufficient sample for total solids determination. Mercury data were reported on a dry weight basis by the laboratory for insects only. Mercury results for sample PREYT4-IN were converted to wet weight using the total solids result for sample PREYT2-IN (40 percent).

TABLE 1.7-2. FOOD WEB TISSUE AND VEGETATION SAMPLES—POLYCYCLIC AROMATIC HYDROCARBONS

			Low Molecular Weight Polycyclic Aromatic Hydrocarbons						
Sample Number	Station	Date	Naphthalene (μg/kg)	2-Methyl-naphthalene (μg/kg)	Acenaphthylene (μg/kg)	Acenaphthene (μg/kg)	Fluorene (μg/kg)	Phenanthrene (μg/kg)	Anthracene (μg/kg)
Fiddler Crab									
PREYT1-FC	PT-1	06/27/96	5.0 *U*	200 *U*	5.0 *U*	5.0 *U*	5.0 *U*	13.0	5.0 *U*
PREYT2-FC	PT-2	06/27/96	5.0 *U*	200 *U*	5.0 *U*	5.0 *U*	5.0 *U*	6.0	8.0
PREYT3-FC	PT-3	06/28/96	5.0 *U*	300 *U*	5.0 *U*	5.0 *U*	5.0 *U*	10.0	16.0
PREYT4-FC	PT-4	06/26/96	5.0 *U*	200 *U*	5.0 *U*	5.0 *U*	5.0 *U*	14.0	13.0
Clubbs Creek									
PREYBR-FC	BR-1	06/28/96	5.0 *U*	1000 *U*	5.0 *U*	5.0 *U*	5.0 *U*	17.0	17.0
Jointer Creek									
PREYCR-FC	CR-1	06/25/96	5.0 *U*	200 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
Oyster									
PREYT4-BV	PT-4	06/26/96	5.0 *U*	150 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
Clubbs Creek									
PREYBR-BV	BR-1	06/28/96	5.0 *U*	300 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
Jointer Creek									
PREYCR-BV	CR-1	06/25/96	5.0 *U*	200 *U*	5.0 *U*	5.0 *U*	5.0 *U*	7.0	18.0
Periwinkle									
PREYT1-PW	PT-1	06/27/96	5.0 *U*	20.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
PREYT2-PW	PT-2	06/27/96	5.0 *U*	20.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	7.0	13.0
PREYT3-PW	PT-3	06/28/96	5.0 *U*	10.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	19.0	5.0 *U*
PREYT4-PW	PT-4	06/26/96	5.0 *U*	50.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	16.0
Clubbs Creek									
PREYBR-PW	BR-1	06/28/96	5.0 *U*	20.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	21.0
Jointer Creek									
PREYCR-PW	CR-1	06/25/96	5.0 *U*	15.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	20.0
Spartina									
PREYT1-SP	PT-1	06/27/96	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
PREYT2-SP	PT-2	06/27/96	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
PREYT3-SP	PT-3	06/28/96	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
PREYT4-SP	PT-4	06/26/96	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
Clubbs Creek									
PREYBR-SP	BR-1	06/28/96	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
Jointer Creek									
PREYCR-SP	CR-1	06/25/96	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*

TABLE 1.7-2. (cont.)

Sample Number	Station	Date	High Molecular Weight Polycyclic Aromatic Hydrocarbons										
			Fluoranthene (µg/kg)	Pyrene (µg/kg)	Benz[a]-anthracene (µg/kg)	Chrysene (µg/kg)	Benzo[b]-fluoranthene (µg/kg)	Benzo[k]-fluoranthene (µg/kg)	Benzo[a]-pyrene (µg/kg)	Indeno [1,2,3-cd] pyrene (µg/kg)	Dibenz[a,h]-anthracene (µg/kg)	Benzo[ghi]-perylene (µg/kg)	Dibenzofuran[a] (µg/kg)
Fiddler Crab													
PREYT1-FC	PT-1	06/27/96	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
PREYT2-FC	PT-2	06/27/96	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
PREYT3-FC	PT-3	06/28/96	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
PREYT4-FC	PT-4	06/26/96	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
Clubbs Creek													
PREYBR-FC	BR-1	06/28/96	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
Jointer Creek													
PREYCR-FC	CR-1	06/25/96	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
Oyster													
PREYT4-BV	PT-4	06/26/96	5.0 *U*	21.0	7.0	12.0	14.0	6.0	24.0	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
Clubbs Creek													
PREYBR-BV	BR-1	06/28/96	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
Jointer Creek													
PREYCR-BV	CR-1	06/25/96	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
Periwinkle													
PREYT1-PW	PT-1	06/27/96	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
PREYT2-PW	PT-2	06/27/96	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
PREYT3-PW	PT-3	06/28/96	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
PREYT4-PW	PT-4	06/26/96	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
Clubbs Creek													
PREYBR-PW	BR-1	06/28/96	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
Jointer Creek													
PREYCR-PW	CR-1	06/25/96	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
Spartina													
PREYT1-SP	PT-1	06/27/96	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
PREYT2-SP	PT-2	06/27/96	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
PREYT3-SP	PT-3	06/28/96	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
PREYT4-SP	PT-4	06/26/96	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
Clubbs Creek													
PREYBR-SP	BR-1	06/28/96	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*
Jointer Creek													
PREYCR-SP	CR-1	06/25/96	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*	5.0 *U*

Footnotes on next page.

TABLE 1.7-2. (cont.)

Note: Spartina and prey tissue results are reported on a wet weight basis.

U - undetected

BV - bivalve

FC - fiddler crab

PW - periwinkle

[a] Data for the target compound list compound dibenzofuran were inadvertently reported by the laboratory with the polycyclic aromatic hydrocarbon data. Dibenzofuran is not a chlorinated compound, and the results for this compound are unrelated to total chlorinated dibenzofuran concentrations. Analyses for chlorinated dibenzofurans were not completed during this study.

TABLE 1.7-3. FOOD WEB TISSUE AND VEGETATION SAMPLES—LIPIDS AND POLYCHLORINATED BIPHENYLS

	Sample Number	Station	Date	Lipid (percent)	Aroclor® 1016 (mg/kg)	Aroclor® 1221 (mg/kg)	Aroclor® 1232 (mg/kg)	Aroclor® 1242 (mg/kg)	Aroclor® 1248 (mg/kg)	Aroclor® 1254 (mg/kg)	Aroclor® 1260 (mg/kg)	Aroclor® 1268 (mg/kg)
Fiddler Crab												
	PREYT1-FC	PT-1	06/27/96	0.52	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.030 *U*	0.050 *U*	0.25
	PREYT2-FC	PT-2	06/27/96	0.53	0.0080 *U*	0.020 *U*	0.020 *U*	0.0060 *U*	0.0060 *U*	0.020 *U*	0.090 *U*	0.30
	PREYT3-FC	PT-3	06/28/96	0.38	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.050 *U*	0.17
	PREYT4-FC	PT-4	06/26/96	0.31	0.80 *U*	2.0 *U*	2.0 *U*	0.60 *U*	0.60 *U*	4.0 *U*	9.0 *U*	21.0
	Clubbs Creek											
	PREYBR-FC	BR-1	06/28/96	0.53	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.0040 *U*	0.020
	Jointer Creek											
	PREYCR-FC	CR-1	06/25/96	0.95	0.0080 *U*	0.020 *U*	0.020 *U*	0.0060 *U*	0.0060 *U*	0.0060 *U*	0.0060 *U*	0.030
Oyster												
	PREYT4-BV	PT-4	06/26/96	0.68	0.040 *U*	0.060 *U*	0.080 *U*	0.030 *U*	0.10 *U*	0.50 *U*	0.10 *U*	0.55
	Clubbs Creek											
	PREYBR-BV	BR-1	06/28/96	1.0	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.020 *U*	0.030 *U*	0.010 *U*	0.010 *U*
	Jointer Creek											
	PREYCR-BV	CR-1	06/25/96	1.3	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*
Periwinkle												
	PREYT1-PW	PT-1	06/27/96	0.46	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.020 *U*	0.060
	PREYT2-PW	PT-2	06/27/96	0.52	0.0080 *U*	0.020 *U*	0.020 *U*	0.0060 *U*	0.0060 *U*	0.0060 *U*	0.0080 *U*	0.070
	PREYT3-PW	PT-3	06/28/96	0.25	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.020 *U*	0.030
	PREYT4-PW	PT-4	06/26/96	0.70	0.040 *U*	0.060 *U*	0.080 *U*	0.030 *U*	0.030 *U*	0.20 *U*	0.50 *U*	2.7
	Clubbs Creek											
	PREYBR-PW	BR-1	06/28/96	0.38	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*
	Jointer Creek											
	PREYCR-PW	CR-1	06/25/96	0.48	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.0030
Spartina												
	PREYT1-SP	PT-1	06/27/96		0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.008 *U*	0.04 *U*
	PREYT2-SP	PT-2	06/27/96		0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010
	PREYT3-SP	PT-3	06/28/96		0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.004 *U*	0.02 *U*
	PREYT4-SP	PT-4	06/26/96		0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.08 *U*	0.11 *U*	0.61
	Clubbs Creek											
	PREYBR-SP	BR-1	06/28/96		0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*
	Jointer Creek											
	PREYCR-SP	CR-1	06/25/96		0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*	0.010 *U*

Note: Spartina and prey tissue results are reported on a wet weight basis.

BV - bivalve
FC - fiddler crab
PW - periwinkle
U - undetected

5 12 139

Section 1.8

Diamondback Terrapin Data

TABLE 1.8-1. TERRAPIN TISSUE SAMPLES— METALS AND TOTAL SOLIDS

Analyte	Units	EGG	HATCHLING	HATCHLING	HATCHLING
Total solids[a]	%		29.3	26.0	28.2
Total solids[b]	%	36.0	31.2	24.5	27.1
Lead	μg/kg		32.2	20.8	19.7
Total mercury	μg/kg	5.4	4.2	6.7	67.1
Methylmercury	μg/kg	3.1	4.0	4.9	50.6

Note: Results are reported on a wet weight basis.

[a] Total solids from lead analyses.

[b] Total solids from mercury analyses.

TABLE 1.8-2. TERRAPIN TISSUE SAMPLES—POLYCYCLIC AROMATIC HYDROCARBONS

Analyte	Units	HATCHLING	HATCHLING	HATCHLING
Naphthalene	μg/kg	2.1 *J*	1.0 *J*	3.4 *U*
Acenaphthylene	μg/kg	3.5 *U*	2.3 *J*	3.4 *U*
Acenaphthene	μg/kg	3.5 *U*	3.1 *U*	3.4 *U*
Fluorene	μg/kg	3.5 *U*	3.1 *U*	3.4 *U*
Phenanthrene	μg/kg	4.1	1.3 *J*	4.8
Anthracene	μg/kg	2.1 *J*	1.0 *J*	2.0 *J*
2-Methylnaphthalene	μg/kg	3.5 *U*	3.1 *U*	3.4 *U*
Fluoranthene	μg/kg	3.5 *U*	3.1 *U*	3.4 *U*
Pyrene	μg/kg	3.5 *U*	3.1 *U*	3.4 *U*
Benz[a]anthracene	μg/kg	2.1 *J*	3.1 *U*	1.7 *J*
Chrysene	μg/kg	2.3 *J*	3.1 *U*	2.3 *J*
Benzo[b]fluoranthene	μg/kg	3.5 *U*	3.1 *U*	3.4 *U*
Benzo[k]fluoranthene	μg/kg	3.5 *U*	3.1 *U*	3.4 *U*
Benzo[a]pyrene	μg/kg	3.5 *U*	3.1 *U*	3.4 *U*
Indeno[1,2,3-cd]pyrene	μg/kg	3.5 *U*	3.1 *U*	3.4 *U*
Dibenz[a,h]anthracene	μg/kg	3.5 *U*	3.1 *U*	3.4 *U*
Benzo[ghi]perylene	μg/kg	3.5 *U*	3.1 *U*	3.4 *U*
Dibenzofuran	μg/kg	3.5 *U*	3.1 *U*	3.4 *U*

Note: Results are reported on a wet weight basis.

J - estimated
U - undetected

TABLE 1.8-3. TERRAPIN TISSUE SAMPLES—POLYCHLORINATED BIPHENYLS AND LIPIDS

Analyte	Units	EGG	HATCHLING	HATCHLING	HATCHLING
Lipid	%	11.8	9.1	7.5	4.4
Aroclor® 1016	mg/kg	0.0029 *U*	0.023 *U*	0.010 *U*	0.0056 *U*
Aroclor® 1221	mg/kg	0.0072 *U*	0.059 *U*	0.016 *U*	0.0085 *U*
Aroclor® 1232	mg/kg	0.0072 *U*	0.059 *U*	0.021 *U*	0.011 *U*
Aroclor® 1242	mg/kg	0.0022 *U*	0.018 *U*	0.0078 *U*	0.0056 *U*
Aroclor® 1248	mg/kg	0.0036 *U*	0.018 *U*	0.0078 *U*	0.0056 *U*
Aroclor® 1254	mg/kg	0.0025 *U*	0.018 *U*	0.0078 *U*	0.11 *U*
Aroclor® 1260	mg/kg	0.0072 *U*	0.026 *U*	0.018 *U*	0.056 *U*
Aroclor® 1268	mg/kg	0.032	0.059 *J*	0.11	1.6

Note: Results are reported on a wet weight basis.

J - estimated
U - undetected

TABLE 1.8-4. TERRAPIN TISSUE SAMPLES— PCB CONGENERS

Analyte	Units	HATCHLING	HATCHLING
PCB Congener 3	µg/kg	0.02 *U*	0.02 *U*
PCB Congener 15	µg/kg	0.02 *U*	0.01 *U*
PCB Congener 18	µg/kg	0.08 *U*	0.11 *U*
PCB Congener 28	µg/kg	0.17 *U*	0.19 *U*
PCB Congener 44	µg/kg	0.07 *U*	0.06 *U*
PCB Congener 47	µg/kg	0.04 *J*	0.07 *J*
PCB Congener 49	µg/kg	0.05 *U*	0.04 *U*
PCB Congener 52	µg/kg	0.08 *U*	0.06 *U*
PCB Congener 66	µg/kg	0.02 *U*	0.76 *J*
PCB Congener 77	µg/kg	0.03 *U*	0.02 *U*
PCB Congener 80	µg/kg	0.02 *UJ*	0.01 *UJ*
PCB Congener 81	µg/kg	0.03 *U*	0.02 *U*
PCB Congener 101	µg/kg	0.14 *UJ*	0.18 *UJ*
PCB Congener 105	µg/kg	0.15 *J*	1.8
PCB Congener 108	µg/kg	0.03 *U*	0.20
PCB Congener 114	µg/kg	0.03 *U*	0.03 *U*
PCB Congener 118	µg/kg	0.29 *U*	0.02 *U*
PCB Congener 123	µg/kg	0.03 *U*	0.02 *U*
PCB Congener 126	µg/kg	0.04 *U*	0.03 *U*
PCB Congener 128 and 167	µg/kg	0.04 *U*	1.5
PCB Congener 133	µg/kg	0.04 *U*	1.9
PCB Congener 136	µg/kg	0.03 *UJ*	0.03 *UJ*
PCB Congener 138	µg/kg	0.65 *U*	5.7 *J*
PCB Congener 153	µg/kg	0.90 *U*	19.8
PCB Congener 154	µg/kg	0.10	7.0
PCB Congener 155	µg/kg	0.02 *U*	0.37
PCB Congener 156	µg/kg	0.16 *U*	0.03 *U*
PCB Congener 157	µg/kg	0.04 *U*	0.19 *J*
PCB Congener 159	µg/kg	0.03 *U*	0.15 *J*
PCB Congener 168	µg/kg	0.03 *U*	0.02 *U*
PCB Congener 169	µg/kg	0.05 *U*	0.04 *U*
PCB Congener 170	µg/kg	0.53 *U*	0.07 *U*
PCB Congener 180	µg/kg	1.7 *U*	56.7
PCB Congener 187	µg/kg	2.9 *J*	127
PCB Congener 189	µg/kg	0.05 *U*	0.04 *U*
PCB Congener 195	µg/kg	0.12 *U*	2.2
PCB Congener 202	µg/kg	2.0	77.0
PCB Congener 206	µg/kg	7.8	354
PCB Congener 207	µg/kg	0.84	34.2
PCB Congener 209	µg/kg	1.6	49.4
PCB Congener Total Mono	µg/kg	0.02 *U*	0.02 *U*
PCB Congener Total Di	µg/kg	0.38 *U*	0.27 *U*
PCB Congener Total Tri	µg/kg	0.54 *U*	0.47 *U*
PCB Congener Total Tetra	µg/kg	1.0 *U*	2.7 *J*
PCB Congener Total Penta	µg/kg	0.95 *U*	13.6 *J*
PCB Congener Total Hexa	µg/kg	3.0 *U*	53.6 *J*
PCB Congener Total Hepta	µg/kg	8.6 *U*	303 *J*
PCB Congener Total Octa	µg/kg	14.0 *J*	652 *J*
PCB Congener Total Nona	µg/kg	11.6	509

Note: Results are reported on a wet weight basis.

J - estimated
U - undetected

Section 1.9

Macroinvertebrate Enumeration Data

BIOLOGICAL COMMUNITY PARAMETERS

PTI - Allied (Brunswick)
Sample Type: MACROFAUNA

Sample Date (YY/MM/DD): 96/01/30
Sample Area (sq. m.): 0.0045

STATION NUMBER	TOTAL TAXA	MEAN TAXA PER REPL.	TOTAL NO. INDIVIDUALS	MEAN DENSITY	STANDARD DEVIATION	H'	J'	D
001	7	3.0	47	2089	659	1.45	0.75	1.56
002	7	2.8	19	844	455	1.63	0.84	2.04
003	9	2.6	30	1333	609	1.22	0.56	2.35
004	5	2.4	18	800	337	1.23	0.76	1.38

TAXONOMIC LISTING

Taxonomic Species List 02/20/96

PTI - Allied (Brunswick) -- January 1996

==========

- ANNELIDA
  - OLIGOCHAETA
    - TUBIFICIDAE
      - TUBIFICIDAE (LPIL)
  - POLYCHAETA
    - CAPITELLIDAE
      - CAPITELLA CAPITATA
      - MEDIOMASTUS (LPIL)
    - NEREIDAE
      - NEREIS SUCCINEA
    - PHYLLODOCIDAE
      - ETEONE LONGA
      - PHYLLODOCIDAE (LPIL)
- ARTHROPODA (CRUSTACEA)
  - AMPHIPODA
    - AMPHIPODA (LPIL)
    - AEGINELLIDAE
      - AEGINELLIDAE (LPIL)
    - AMPELISCIDAE
      - AMPELISCA (LPIL)
    - MELITIDAE
      - MELITA (LPIL)
  - DECAPODA (NATANTIA)
    - PALAEMONIDAE
      - PALAEMONETES PUGIO
  - ISOPODA
    - ANTHURIDAE
      - CYATHURA POLITA
  - TANAIDACEA
    - PARATANAIDAE
      - PARATANAIDAE (LPIL)
- ARTHROPODA (INSECTA)
  - COLEOPTERA
    - COLEOPTERA (LPIL)
  - DIPTERA
    - DOLICHOPODIDAE
      - DOLICHOPODIDAE (LPIL)
- MOLLUSCA
  - GASTROPODA
    - NASSARIIDAE
      - ILYANASSA OBSOLETA
- RHYNCHOCOELA
  - RHYNCHOCOELA (LPIL)

Sample Date 96/01/27 Station: 001
Sample Size 0.0045 SQ. M Sample Type: MACROFAUNA

Comments: Station BE-1, each replicate is a combination of 1.0mm & 0.5mm sieves

TAXON	REPA	REPB	REPC	REPD	REPE	TOTAL	PERCENT
** ANNELIDA							
POLYCHAETA							
CAPITELLIDAE							
MEDIOMASTUS (LPIL)	4	1	0	5	4	14	29.79
NEREIDAE							
NEREIS SUCCINEA	2	5	3	3	4	17	36.17
PHYLLODOCIDAE							
ETEONE LONGA	0	0	1	0	0	1	2.13
OLIGOCHAETA							
TUBIFICIDAE							
TUBIFICIDAE (LPIL)	0	0	9	2	0	11	23.40
** MOLLUSCA							
GASTROPODA							
NASSARIIDAE							
ILYANASSA OBSOLETA	0	0	1	0	0	1	2.13
** ARTHROPODA (CRUSTACEA)							
TANAIDACEA							
PARATANAIDAE							
PARATANAIDAE (LPIL)	0	1	0	0	0	1	2.13
DECAPODA (NATANTIA)							
PALAEMONIDAE							
PALAEMONETES PUGIO	0	2	0	0	0	2	4.25

----------Report Continued on Next Page----------

Sample Date 96/01/27 Station: 001
Sample Size 0.0045 SQ. M Sample Type: MACROFAUNA

Comments: Station BE-1, each replicate is a combination of 1.0mm & 0.5mm sieves

NOTE:
LPIL designates the LOWEST PRACTICAL IDENTIFICATION LEVEL

REPA	REPB	REPC	REPD	REPE
Total Individuals per Replicate:				
6	9	14	10	8
Total Taxa per replicate:				
2	4	4	3	2

Total number of taxa for this station = 7

Total number of individuals for this station = 47

Mean Number Individuals per square meter = 2089

PHYLUM	TOTAL # TAXA	% TAXA	TOTAL # INDIVIDUALS	% INDIVIDUALS
ANNELIDA	4	57.1	43	91.4
MOLLUSCA	1	14.2	1	2.1
ARTHROPODA	2	28.5	3	6.3
ECHINODERMATA	0	.0	0	.0
MISCELLANEOUS	0	.0	0	.0

----------Report Continued on Next Page----------

Sample Date 96/01/27 Station: 001
Sample Size 0.0045 SQ. M Sample Type: MACROFAUNA

Comments: Station BE-1, each replicate is a combination of 1.0mm & 0.5mm sieves

==========

The Standard Deviation From the Mean= 659.2

***** FAUNAL CHARACTERISTICS *****

The Species Diversity (Shannon Wiener Index) $H^{e}E$ = 1.45

The Species Evenness (Pielous Evenness Index) J= .75

The Species Richness (Margalef's Index) D= 1.56

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********** END OF REPORT **********

Sample Date 96/01/27 Station: 002
Sample Size 0.0045 SQ. M Sample Type: MACROFAUNA

Comments: Station BE-2, each replicate is a combination of 1.0mm & 0.5mm sieves

TAXON	REPA	REPB	REPC	REPD	REPE	TOTAL	PERCENT
** RHYNCHOCOELA							
RHYNCHOCOELA (LPIL)	0	1	0	0	1	2	10.53
** ANNELIDA							
POLYCHAETA							
CAPITELLIDAE							
CAPITELLA CAPITATA	1	0	0	0	1	2	10.53
MEDIOMASTUS (LPIL)	1	0	2	1	0	4	21.05
OLIGOCHAETA							
TUBIFICIDAE							
TUBIFICIDAE (LPIL)	0	1	4	1	2	8	42.10
** ARTHROPODA (CRUSTACEA)							
ISOPODA							
ANTHURIDAE							
CYATHURA POLITA	0	0	0	0	1	1	5.26
AMPHIPODA							
MELITIDAE							
MELITA (LPIL)	0	0	0	1	0	1	5.26
** ARTHROPODA (INSECTA)							
DIPTERA							
DOLICHOPODIDAE							
DOLICHOPODIDAE (LPIL)	0	0	0	0	1	1	5.26

----------Report Continued on Next Page----------

Sample Date 96/01/27 Station: 002
Sample Size 0.0045 SQ. M Sample Type: MACROFAUNA

Comments: Station BE-2, each replicate is a combination of 1.0mm & 0.5mm sieves

NOTE:
LPIL designates the LOWEST PRACTICAL IDENTIFICATION LEVEL

REPA	REPB	REPC	REPD	REPE
Total Individuals per Replicate:				
2	2	6	3	6
Total Taxa per replicate:				
2	2	2	3	5

Total number of taxa for this station = 7

Total number of individuals for this station = 19

Mean Number Individuals per square meter = 844

PHYLUM	TOTAL # TAXA	% TAXA	TOTAL # INDIVIDUALS	% INDIVIDUALS
ANNELIDA	3	42.8	14	73.6
MOLLUSCA	0	.0	0	.0
ARTHROPODA	3	42.8	3	15.7
ECHINODERMATA	0	.0	0	.0
MISCELLANEOUS	1	14.2	2	10.5

----------Report Continued on Next Page----------

Sample Date 96/01/27 Station: 002
Sample Size 0.0045 SQ. M Sample Type: MACROFAUNA

Comments: Station BE-2, each replicate is a combination of 1.0mm & 0.5mm sieves

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The Standard Deviation From the Mean= 455.4

xxxxx FAUNAL CHARACTERISTICS xxxxx

The Species Diversity (Shannon Wiener Index) $H^{o}E$ = 1.63

The Species Evenness (Pielous Evenness Index) J= .84

The Species Richness (Margalef's Index) D= 2.04

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xxxxxxxxxxxxxxxx END OF REPORT xxxxxxxxxxxxxxxx

Sample Date 96/01/30 Station: 003
Sample Size 0.0045 SQ. M Sample Type: MACROFAUNA

Comments: Station BE-3, each replicate is a combination of 1.0mm & 0.5mm sieves

TAXON	REPA	REPB	REPC	REPD	REPE	TOTAL	PERCENT
** RHYNCHOCOELA							
RHYNCHOCOELA (LPIL)	0	0	0	1	0	1	3.33
** ANNELIDA							
POLYCHAETA							
CAPITELLIDAE							
MEDIOMASTUS (LPIL)	0	0	0	1	0	1	3.33
NEREIDAE							
NEREIS SUCCINEA	2	5	1	6	7	21	70.00
PHYLLODOCIDAE							
PHYLLODOCIDAE (LPIL)	2	0	0	0	0	2	6.67
** MOLLUSCA							
GASTROPODA							
NASSARIIDAE							
ILYANASSA OBSOLETA	0	1	0	0	0	1	3.33
** ARTHROPODA (CRUSTACEA)							
AMPHIPODA							
AMPHIPODA (LPIL)	0	0	1	0	0	1	3.33
AMPELISCIDAE							
AMPELISCA (LPIL)	1	0	0	0	0	1	3.33
AEGINELLIDAE							
AEGINELLIDAE (LPIL)	0	0	0	1	0	1	3.33
** ARTHROPODA (INSECTA)							
COLEOPTERA							
COLEOPTERA (LPIL)	0	0	0	0	1	1	3.33

----------Report Continued on Next Page----------

Sample Date 96/01/30 Station: 003
Sample Size 0.0045 SQ. M Sample Type: MACROFAUNA

Comments: Station BE-3, each replicate is a combination of 1.0mm & 0.5mm sieves

NOTE:
LPIL designates the LOWEST PRACTICAL IDENTIFICATION LEVEL

REPA	REPB	REPC	REPD	REPE
Total Individuals per Replicate:				
5	6	2	9	8
Total Taxa per replicate:				
3	2	2	4	2

Total number of taxa for this station = 9

Total number of individuals for this station = 30

Mean Number individuals per square meter = 1333

PHYLUM	TOTAL # TAXA	% TAXA	TOTAL # INDIVIDUALS	% INDIVIDUALS
ANNELIDA	3	33.3	24	80.0
MOLLUSCA	1	11.1	1	3.3
ARTHROPODA	4	44.4	4	13.3
ECHINODERMATA	0	.0	0	.0
MISCELLANEOUS	1	11.1	1	3.3

----------Report Continued on Next Page----------

Sample Date 96/01/30 Station: 003
Sample Size 0.0045 SQ. M Sample Type: MACROFAUNA

Comments: Station BE-3, each replicate is a combination of 1.0mm & 0.5mm sieves

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The Standard Deviation From the Mean= 608.6

***** FAUNAL CHARACTERISTICS *****

The Species Diversity (Shannon Wiener Index) $H^{o}E$ = 1.22

The Species Evenness (Pielous Evenness Index) J= .56

The Species Richness (Margalef's Index) D= 2.35

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********** END OF REPORT **********

Sample Date 96/01/30 Station: 004
Sample Size 0.0045 SQ. M Sample Type: MACROFAUNA

Comments: Station BE-4, each replicate is a combination of 1.0mm & 0.5mm sieves

TAXON	REPA	REPB	REPC	REPD	REPE	TOTAL	PERCENT
** ANNELIDA							
POLYCHAETA							
CAPITELLIDAE							
MEDIOMASTUS (LPIL)	0	0	0	0	1	1	5.56
NEREIDAE							
NEREIS SUCCINEA	2	2	2	2	2	10	55.56
OLIGOCHAETA							
TUBIFICIDAE							
TUBIFICIDAE (LPIL)	0	1	0	1	2	4	22.22
** MOLLUSCA							
GASTROPODA							
NASSARIIDAE							
ILYANASSA OBSOLETA	0	1	0	1	0	2	11.11
** ARTHROPODA (INSECTA)							
DIPTERA							
DOLICHOPODIDAE							
DOLICHOPODIDAE (LPIL)	0	1	0	0	0	1	5.56

----------Report Continued on Next Page----------

Sample Date 96/01/30 Station: 004
Sample Size 0.0045 SQ. M Sample Type: MACROFAUNA

Comments: Station BE-4, each replicate is a combination of 1.0mm & 0.5mm sieves

NOTE:
LPIL designates the LOWEST PRACTICAL IDENTIFICATION LEVEL

REPA	REPB	REPC	REPD	REPE
Total Individuals per Replicate:				
2	5	2	4	5
Total Taxa per replicate:				
1	4	1	3	3

Total number of taxa for this station = 5

Total number of individuals for this station = 18

Mean Number Individuals per square meter = 800

PHYLUM	TOTAL # TAXA	% TAXA	TOTAL # INDIVIDUALS	% INDIVIDUALS
ANNELIDA	3	60.0	15	83.3
MOLLUSCA	1	20.0	2	11.1
ARTHROPODA	1	20.0	1	5.5
ECHINODERMATA	0	.0	0	.0
MISCELLANEOUS	0	.0	0	.0

----------Report Continued on Next Page----------

Sample Date 96/01/30 Station: 004
Sample Size 0.0045 SQ. M Sample Type: MACROFAUNA

Comments: Station BE-4, each replicate is a combination of 1.0mm & 0.5mm sieves

==========

The Standard Deviation From the Mean= 337.0

***** FAUNAL CHARACTERISTICS *****

The Species Diversity (Shannon Wiener Index) $H^{e}E$ = 1.23

The Species Evenness (Pielous Evenness Index) J= .76

The Species Richness (Margalef's Index) D= 1.38

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********** END OF REPORT **********

3 12 14

Section 2

Results of Chronic Biomonitoring Screens

RESULTS OF CHRONIC BIOMONITORING SCREENS PERFORMED FOR ALLIED SIGNAL COMPANY

Submitted to:

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July 17, 1996

INTRODUCTION

Biomonitoring provides an effective means to test various substances for toxicity to living organisms. While a chemical analysis is informative, detection of biologically toxic effects solely through chemical analyses are often difficult to accomplish.

In addition to the obvious survival effects, chronic biomonitoring tests measure significant differences in the more subtle parameters of growth, development and reproductive success. Comparisons are made between control animals and those organisms exposed to the testing substance. Chronic tests are conducted for a longer time period than acute tests which measure only mortality.

The present short-term chronic screening tests were conducted using the mysid shrimp, *Mysidopsis bahia*, and embryos of the sheepshead minnow, *Cyprinodon variegatus*.

This report discusses the results of tests conducted on water samples from Allied Signal's LCP site. These tests were conducted during June/July, 1996.

MATERIALS AND METHODS

Sample Collection

The grab samples of water, from eleven locations, were collected in one-gallon containers on June 26, June 28, July 1, and July 2, 1996 for the chronic studies. Immediately after collection, each set of samples were cooled and transported to the lab by an overnight express service. Once at the lab they were refrigerated at 4°C until used. Chain of custody forms showing sample collection and transfer times are included in Appendix 1.

Test Organisms

The tests were conducted with 7 days old mysid shrimp, *Mysidopsis bahia*, and embryos of the sheepshead minnow (*Cyprinodon variegatus*). The mysid shrimp and the fish embryos were both purchased from Aquatic BioSystems, Inc. in Ft. Collins, Colorado, a local supplier of test organisms.

The mysids were purchased a few days ahead and maintained in the SeaCrest laboratory to monitor feeding and health status. The *Cyprinodon* embryos were transported from Aquatic BioSystems the afternoon before the first sample delivery by a SeaCrest technician. This was done to eliminate the stress caused by shipping with a local carrier system. Embryos were ordered at the approximate salinity and temperature of the test samples so that only minor acclimations were required.

Test Procedures

Upon receipt at the lab, the water samples were analyzed for ammonia, alkalinity, hardness, conductivity, dissolved oxygen, and pH. Ammonia was

determined according to procedures contained in APHA/AWWA/WPCF (1985). A distillation was performed on the samples prior to titration. Alkalinity and hardness were determined according to procedures described in Hach Chemical Company (1978). Conductivity, dissolved oxygen, and pH probes were used to make these measurements.

Each receiving water sample was tested in a screen test using only 100% of the sample water. There was no dilution series. A common control was used for the eleven samples and each sample was compared to this control.

Toxicity tests were run according to methods described in Weber, et. al. (1994). The chronic mysid test was run with eight replicates for each of the eleven samples received. Each replicate was started with five 7-day old mysids, totaling 40 animals per sample. The animals were placed in 8 oz plastic cups containing 150 ml of exposure medium. The mysids were fed freshly-hatched brine shrimp (*Artemia* sp.) twice a day for the duration of the test. Exposure medium was changed daily in each test container and the number of surviving animals was recorded. Routine measurements were made each day of temperature, dissolved oxygen, salinity, and pH, before and after the water change. Temperature in the test was maintained at 26 $\pm$1 °C with a light regime of 16-hour light, 8-hour dark. The dissolved oxygen concentration was maintained at 4.0 mg/L or above.

The short-term chronic mysid tests run for seven days. At the end of the test, final survival observations were made and the animals were sexed. The total number of males, females, and juveniles were recorded for each replicate. After sexing, the animals were sacrificed, rinsed with fresh water, and then placed in a drying oven overnight for growth (weight) determinations the next day.

Average weight for each sample is determined by dividing the net weight for each replicate by the original number of animals added to the cup, no matter what number of animals survive. This is compared to the control weights, which are calculated the same way. However Quality Assurance numbers are calculated differently. The net weight of the controls are divided by the number of **surviving** animals. These numbers are not used in the statistics, so they do not reflect on the other concentrations.

The sheepshead minnow embryo test was run in 500 milliliter glass jars using 300 milliliters of exposure medium. The test used four replicates for each sample with fifteen embryos per replicate, for a total of 60 animals per sample. The exposure medium volume was changed and renewed daily. Water quality measurements were taken before and after each water change. The temperature for the test was maintained at 25 $\pm$1 °C with a light regime of 16-hour light, 8-hour dark. Dissolved oxygen was maintained at 4.0 mg/L or above.

A series of control animals were run in laboratory-created artificial saltwater using Hawaiian Marine^R sea salts, for each species tested.

Reference toxicant tests were run concurrently with the screening tests for each species tested. The reference toxicant tests were the same type of test (chronics) and ran for the same time period. Each species was tested with a reference toxicant that is commonly used for that organism.

RESULTS

Mysidopsis bahia Test Results

Test results for the *Mysidopsis* test are summarized in Table 1 and provided on the lab data sheets in Appendix 2. There was an 88% survival seen in the control for this test. Survival in the eleven samples ranged from 78-90%.

Average weight of the mysids after seven days ranged from 0.22 mg to 0.28 mg. Average weight in the control was 0.25 mg. The Quality Assurance average weight for the control was 0.29 mg.

Fecundity in the controls met the minimum (egg production by 50% of the females present) required for reproduction to be used as a criterion of effect in addition to survival and growth. There was no reproductive effect in any sample, as all of the females present in every sample and in the control produced eggs.

Cyprinodon variegatus Embryo Test Results

Test results for the sheepshead minnow embryo test are summarized in Table 2 and provided on the lab data sheets in Appendix 3. There was a survival effect seen in Samples 1, 2, 3, 7, 8, and 10 when compared to survival in the control. The effect was mainly seen in hatchability as almost all of the dead were embryos that did not hatch. Post hatching survival ranged from 89-100%. Total survival for the tests ranged from 62-87%. Survival in the control was 87%.

REFERENCE TOXICANT TESTS

Chronic reference toxicant tests were run for both test species using $CuSO_4$ (copper sulfate) for the mysids and KCl (potassium chloride) for the *Cyprinodon* embyros. The mysid test produced an LC50 of 102 ppb $CuSO_4$ which corresponds with previous reference toxicant test results with this species. Control survival was 90%.

Table 1. Summary of *Mysidopsis bahia* test results. Forty animals were exposed to each sample.

Concentration	Percent Alive	Ave. wt. (mg)	Min.	Max.
Control	88	0.25	0.21	0.29
1	83	0.22	0.16	0.31
2	85	0.26	0.21	0.32
3	85	0.23	0.11	0.28
4	88	0.23	0.17	0.31
5	88	0.26	0.20	0.32
6	78	0.22	0.14	0.28
7	90	0.28	0.13	0.34
8	85	0.25	0.17	0.30
9	88	0.25	0.12	0.32
10	85	0.25	0.19	0.30
11	78	0.23	0.12	0.31

Table 2. Summary of *Cyprinodon variegatus* embryo test results. Sixty embryos were exposed at each concentration.

Concentration	Percent Alive	Percent Hatch	Number Deformed
Control	87	87	0
1	67	70	1
2	67	68	0
3	67	67	0
4	77	77	0
5	72	72	0
6	83	83	0
7	70	70	0
8	68	68	0
9	73	73	0
10	62	62	0
11	77	77	0

The *Cyprinodon* were tested with potassium chloride. The test produced an LC50 of 1.33 g/L KCl which corresponds to numbers produced in tests run with less than 1 day old *Cyprinodon* at Aquatic BioSystems. Control survival was 87%.

REFERENCES

APHA/AWWA/WPCF. 1985. Standard methods for the examination of water and wastewater. 16th Edition. American Public Health Association. 1268 pp.

Hach Chemical Company. 1978. DR-EL/2,3 and 4 methods manual. Hach Chemical Company, Loveland, Colorado.

Weber, C. et. al. EPA/600/4-91/003: "Short-Term Methods For Estimating The Chronic Toxicity Of Effluents And Receiving Water To Marine And Estuarine Organisms": Second Edition; July 1994.

APPENDIX 1. Chain of Custody Forms

The SeaCrest Group
An Environmental Services Company
325 Interlocken Parkway, Suite 205 • Broomfield, Colorado 80021
(303) 438-0970 • FAX (303) 438-0971

Chain of Custody Record

(enclose with each shipping container)

Purchase Order Number

Project Number (lab use only) 396210 - 396028

Client: Allied Signal
Program/Site: LCP Site
Contact: Curt Rose
Phone: 941-394-8441
Address:

Collected by:

	Sample Identification (Effluent, Receiving, Sediment, list other)	Date Sampled	Time	Sample Type (composite, grab)	Acute: Cerio	Acute: FH Minnow	Chronic: Cerio	Chronic: FH Minnow	TRE	Other	Mysid (Chronic) (> 3 day)	Sheepshead Minnow (9 day) Chronic		These fields may be used for field test results				Total Units	Total Volume
1	II water	6/26/96	[illegible]	Surface							✓	✓		Teratogenicity			Test		
2	samples (1-gal		to	grab															
3	and 1/2-gal		16[illegible]																
4	container per																		
5	sample)	✓		✓															
6																			
7	WT SW-01																		
8	to																		
9	WT SW-11																		
10																			

Comments and special testing instructions: Samples are for Days 1 + 2 of tests with just 100% sample (i.e., no dilution series). Also, perform reference toxicant tests (dilution series) and 100% control (laboratory) water. REFER TO SOW PROVIDED TO KELLY!

Relinquished by: (Curt Rose) Representing: CDR Environmental Specialists To Whom: Federal Express Date/Time: Wed. 6/26/96 ~ 5:00

Relinquished by: Representing: To Whom: Date/Time:

Next recipient: Relinquished by: Rec'd. by: Tim Nickels Date/Time: 6/27/96 1000

WHITE COPY

FRIDAY

The SeaCrest Group
An Environmental Services Company

325 Interlocken Parkway, Suite 205 • Broomfield, Colorado 80021
(303) 438-0970 • FAX (303) 438-0971

Chain of Custody Record

(enclose with each shipping container)

Purchase Order Number

Project Number (lab use only) 396210-2

Client: Allied Signal
Program/Site: CCP Site
Contact: Curt Rose
Phone: 941-354-8441
Address:

Collected by:

	Sample Identification (Effluent, Receiving, Sediment, list other)	Date Sampled	Time	Sample Type (composite, grab)	Acute: Cerio	Acute: FH Minnow	Chronic: Cerio	Chronic: FH Minnow	TRE	Other	Mysid chronic	Silt Minnow chronic		These fields may be used for field test results				Total Units	Total Volume
1	11 water	6/28/96	0830	Surface							✓	✓	← Teratogenicity Test						
2	Samples (2½ gal	↓	to	grab															
3	per sample)		1500																
4	↓																		
5	WTSW-01																		
6	to																		
7	WTSW-~~02~~11	↓																	
8																			
9																			
10																			

Comments and special testing instructions: Days 3, 4 and 5 of tests with 100% samples (no dilution series) Refer to SOW

Relinquished by: (Don Mach) Representing: CDR Environmental Specialist To Whom: Federal Express Date/Time: Fri; 6/28/96; ~ 5:00 PM

Relinquished by: Representing: To Whom: Date/Time:

Next recipient: Relinquished by: Rec'd. by: Date/Time: 6/29/96 1028

MONDAY

The SeaCrest Group
An Environmental Services Company

325 Interlocken Parkway, Suite 205 • Broomfield, Colorado 80021
(303) 438-0970 • FAX (303) 438-0971

Chain of Custody Record

(enclose with each shipping container)

Purchase Order Number

Project Number (lab use only): 396210-3

Client: Allied Signal
Program/Site: LCP Site
Contact: Curt Rose
Phone: 941-354-8441
Address:

Collected by:

These fields may be used for field test results

	Sample Identification (Effluent, Receiving, Sediment, list other)	Date Sampled	Time	Sample Type (composite, grab)	Acute: Cerio	Acute: FH Minnow	Chronic: Cerio	Chronic: FH Minnow	TRE	Other	Mysid Chronic	Silt Minnow Chronic						Total Units	Total Volume
1	11 water samples	7/1/96	0830	Surface							✓	✓	← Teratogenicity Test						
2	(1½ gal		to	grab															
3	per sample)		1500																
4	↓																		
5																			
6	WTSW-01																		
7	to																		
8	WTSW-11	↓																	
9																			
10																			

Comments and special testing instructions: Day 7 of tests with 100% samples (no dilution series) (use) 6 and
Refer to SOW

Relinquished by: [signature] (Don Meith) Representing: CDM Environmental Specialists To Whom: Federal Express Date/Time: Mon. 7/1/96 ~ 5:00 PM

Relinquished by: Representing: To Whom: Date/Time:

Next recipient: Relinquished by: Rec'd. by: Tim Nickels Date/Time: 7/2/96 1000

(OSWA)

The SeaCrest Group
An Environmental Services Company

325 Interlocken Parkway, Suite 205 • Broomfield, Colorado 80021
(303) 438-0970 • FAX (303) 438-0971

Chain of Custody Record

(enclose with each shipping container)

Purchase Order Number

Project Number (lab use only) 396210-4

Client: Allied Signal
Program/Site: LCP Site
Contact: Curt Rose
Phone: 941-354-8441
Address:

Collected by:

These fields may be used for field test results

	Sample Identification (Effluent, Receiving, Sediment, list other)	Date Sampled	Time	Sample Type (composite, grab)	Acute: Cerio	Acute: FH Minnow	Chronic: Cerio	Chronic: FH Minnow	TRE	Other	Mysid Chronic	SH Minnow Chronic						Total Units	Total Volume
1	11 water samples	7/2/96	0830	Surface							✓	✓	←	Teratogenicity		Test			
2	(1½ gal	↓	to	grab															
3	per sample)		1500																
4	↓																		
5																			
6	WTSW-01																		
7	to																		
8	WTSW-11																		
9																			
10																			

Comments and special testing instructions: Days 8 and 9 of sheepshead minnow test will use 5 sample (no dilution series)
Refer to SOW

Relinquished by: [signature] (Dan McH) Representing: CDM Environmental Specialists To Whom: Federal Express Date/Time: Tues, 7/2/96 ~ 5:00 PM

Relinquished by: Representing: To Whom: Date/Time:

Next recipient: Relinquished by: Rec'd. by: [signature] Date/Time: 7/3/96 1153

WHITE COPY

APPENDIX 2. Data Sheets for Chronic *Mysidopsis bahia* Screen

Test Stop-Date/Time: 12 14

Conc:	Rep. No.	Number Alive Day 0	1	2	3	4	5	6	7	Fem. with eggs	Fem. no eggs	Males	Imm.
ontrol	A	5	5	4	4	4	4	4	4			1111	
	B	5	5	5	5	5	4	4	4	11		11	
	C	5	5	5	5	5	4	4	4			1111	
	D	5	5	5	5	5	5	4	4	1		11	1
	E	5	5	5	5	5	5	5	5	1		1111	
	F	5	5	5	5	5	4	4	4	11		11	
	G	5	5	5	5	5	5	5	5	11		111	
	H	5	5	5	5	5	5	5	5	11		1	11

Conc:	Rep. No.	0	1	2	3	4	5	6	7	Fem. with eggs	Fem. no eggs	Males	Imm.
1	A	5	5	5	5	4	4	4	4			1111	
	B	5	5	5	5	5	5	5	5	1		1111	
	C	5	5	5	5	5	5	5	5	1		111	1
	D	5	5	5	5	5	5	5	5	11		111	
	E	5	5	5	5	5	5	5	5	1		11	11
	F	5	5	5	5	4	3	3	3	1		1	1
	G	5	5	4	3	3	3	3	3			111	
	H	5	5	4	3	3	3	3	3	1		11	

Conc:	Rep. No.	0	1	2	3	4	5	6	7	Fem. with eggs	Fem. no eggs	Males	Imm.
2	A	5	5	4	4	4	4	4	4	1		1111	
	B	5	5	5	5	4	4	4	4	11		11	
	C	5	5	5	5	4	4	4	4	11		11	
	D	5	5	5	5	4	4	4	4	11		1	1
	E	5	5	5	5	4	4	4	4	1		11	1
	F	5	5	5	5	5	5	5	5	11		1	11
	G	5	5	5	5	5	5	5	4	11		11	
	H	5	5	5	5	5	5	5	5	11		111	

Conc:	Rep. No.	0	1	2	3	4	5	6	7	Fem. with eggs	Fem. no eggs	Males	Imm.
3	A	5	5	5	5	5	5	5	5	11		11	1
	B	5	5	5	5	5	5	4	4	1		111	
	C	5	5	5	5	5	5	5	5	11		11	1
	D	5	5	5	5	5	4	4	4	1		111	
	E	5	5	5	5	4	4	4	4	1		111	
	F	5	5	5	4	4	4	4	4			1111	
	G	5	5	5	5	5	5	5	5	111		1	1
	H	5	5	5	5	4	4	4	3	1			11

Test Stop-Date/Time:

Conc:	Rep. No.	Number Alive Day 0	1	2	3	4	5	6	7 (88%)	Fem. with eggs	Fem. no eggs	Males	
~~Control~~	A	5	5	4	4	4	4	4	4				
	B	5	5	5	5	5	5	5	5			III	I
	C	5	5	4	4	4	3	3	3			~~IIII~~	
	D	5	5	5	5	4	4	4	4	I		II	
4	E	5	5	5	5	5	5	5	5	I		III	
insample smells like oil	F	5	5	5	5	5	5	5	5	II		II	I
	G	5	5	5	5	5	5	5	5			III	II
	H	5	5	5	5	5	5	5	4	II		II	
										I		IIII	

Conc:									88%				
	A	5	5	5	5	5	5	5	5	II		III	
	B	5	5	4	4	4	4	4	4	I		III	
	C	5	5	5	5	4	4	4	4			IIII	
5	D	5	5	5	5	5	5	5	5	I		IIII	
	E	5	5	4	4	4	4	4	4	III		I	
	F	5	5	4	4	4	4	4	4	I		I	II
	G	5	5	5	5	5	5	5	5	III		II	
	H	5	4	4	4	4	4	4	4	I		III	

Conc:									78%				
	A	5	5	5	5	5	5	5	5	II		III	
	B	5	5	5	5	5	5	4	2	II			
	C	5	5	5	5	5	5	5	4			III	I
6	D	5	5	5	5	5	5	5	5			~~IIII~~	
	E	5	5	5	5	4	4	4	3			III	
	F	5	5	5	5	4	4	4	4	I		III	
	G	5	5	5	5	5	5	5	4	II		II	
	H	5	5	5	5	5	5	5	4	I		I	II

Conc:									90%				
	A	5	5	5	5	5	5	5	4	I		II	I
	B	5	5	5	5	5	5	5	5	III		II	
	C	5	5	5	5	5	5	5	5			III	II
7	D	5	5	5	5	5	5	5	5			~~IIII~~	
	E	5	5	5	5	5	5	5	5	II		III	
	F	5	5	5	5	5	5	5	5	I		II	I
	G	5	5	5	5	5	5	5	5	III		I	I
	H	5	5	5	4	4	4	4	2			II	

Job Code #: _____

5 12 141

	Rep. No.	Number Alive Day 0	1	2	3	4	5	6	7	Fem. with eggs	Fem. no eggs	Males	Imm.
Conc:	A	5	5	5	3	3	3	3	3			II	I
8	B	5	5	5	5	5	5	5	5	II		I	II
	C	5	5	5	5	5	5	5	4	II		I	I
	D	5	5	5	5	4	4	4	4	III		I	
	E	5	5	5	5	5	5	5	4	II		I	I
	F	5	5	5	5	5	5	5	5	III		II	
	G	5	5	5	5	5	5	5	4	III		I	
	H	5	5	5	5	5	5	5	5	II		I	II
									88%				
Conc:	A	5	5	5	5	5	5	5	5	I		III	III
9	B	5	5	5	5	5	5	5	5	II		III	
	C	5	5	5	5	5	5	5	5	II		II	I
	D	5	5	5	5	5	5	5	5			~~IIII~~	
	E	5	5	5	5	5	5	5	4	II		I	I
	F	5	5	5	5	5	5	4	2	I			I
	G	5	5	5	5	4	4	4	4	II		I	I
	H	5	5	5	5	5	5	5	5	II		II	I
									85%				
Conc:	A	5	5	5	5	5	5	5	5	I		II	II
10	B	5	5	5	5	5	5	5	4	III		I	
	C	5	5	5	5	5	5	5	5	I		II	II
	D	5	5	5	4	4	4	4	3	I		I	I
	E	5	5	5		5	5	5	5	II		III	
	F	5	5	~~4~~ 5	5	4	4	4	4	III		I	
	G	5	5	5	5	5	5	4	4	II		I	I
	H	5	5	5	5	5	5	5	4	II		II	
Day/Time													
Initials		JC	SD	SD	JC	JC	JC	SD	SD	SD	SD	SD	SD

Job Code #: _____

	Rep. No.	Number Alive											
		Day							78%	Fem. with eggs	Fem. no eggs	Males	[illegible]
		0	1	2	3	4	5	6	7				
Conc:	A	5	5	5	4	4	4	4	4	I		III	
	B	5	5	5	5	5	5	4	4	II		II	
	C	5	5	5	5	4	4	4	4	II		II	
	D	5	5	5	5	5	5	5	4	III		I	
	E	5	5	5	5	5	5	5	5	II		III	
	F	5	5	4	4	4	4	4	3	[illegible]			III
	G	5	5	5	5	3	3	3	3	I		II	~~XXI~~
	H	5	5	5	5	5	5	4	4	III		I	

Conc:													
	A												
	B												
	C												
	D												
	E												
	F												
	G												
	H												

Conc:													
	A												
	B												
	C												
	D												
	E												
	F												
	G												
	H												

Day/Time												
Initials	JC	SP	SD	JC	JC	JC	SD	SD	SD	SD	SD	SD

Job Code #: _____ Drying Date/Time: From: _____

Drying Temp. (°C): _____ To: _____

Analyst: _____ Weighing Date/Time: _____

Conc:	Rep	Tare Wgt. (mg)	Gross Dry Wgt. (mg)	No. of animals	Mean Dry Wgt. of animal (mg)	Mean dry wgt. 7/5/96 Remark
Control	CA	6.29	7.46	4	0.2925	original 0.234
	CB	5.07	6.40	4	0.3325	0.266
	CC	5.72	6.79	4	0.2675	0.214
	CD	4.74	6.04	4	0.325	0.260
	CE	4.67	5.82	5	0.230	0.230
	CF	~~4.76~~ 6.04	7.22	4	0.295	0.236
	CG	4.74	6.09	5	0.290	0.232 0.28581
	CH	4.72	5.99	5	0.3135 *	0.229 0.28475
1	1A	5.33	6.15	4	0.205	* SDEE 7-5-96 0.164
	1B	5.03	6.25	5	0.244	0.244
	1C	4.78	6.02	5	0.248	0.248
	1D	4.58	6.12	5	0.308	0.308
	1E	5.10	6.56	5	0.280	0.280
	1F	4.78	5.58	3	0.266̄	0.160
	1G	6.32	7.24	3	0.306̄	0.184
	1H	4.78	5.67	3	0.296̄	0.178 0.269374
2	2A	5.44	6.65	4	0.3025	0.242
	2B	4.55	5.97	4	0.355	0.284
	2C	4.65	6.04	4	0.3475	0.278
	2D	6.20	7.33	4	0.2825	0.226
	2E	4.71	5.84	4	0.2825	0.226
	2F	5.87	7.44	5	0.314	0.314
	2G	6.68	7.75	4	0.2675	0.214
	2H	5.10	6.70	5	0.320	0.320 0.368 9375
3	3A	5.44	6.85	5	0.2820	0.282
	3B	5.82	7.08	4	0.3150	0.252
	3C	5.54	6.92	5	0.276	0.276
	3D	5.73	6.79	4	0.2665	0.212
	3E	6.81	8.13	4	0.330	0.264
	3F	5.79	6.87	4	0.2750	0.220
	3G	6.84	8.00	5	0.232 *	0.232
	3H	6.18	6.75	3	0.190	0.114 0.270625

** Avg. wt. or original number of animals.

* 0.248 Avg. wt. per original animal number * SDEE 7-2-96

** 0.22075

** 0.263

** 0.2315

* SDEE 7-4-96

Job Code #: _____ Drying Date/Time: From: _____

Drying Temp. (°C): _____ To: _____

Analyst: _____ Weighing Date/Time: _____

Conc:	Rep	Tare Wgt. (mg)	Gross Dry Wgt. (mg)	No. of animals	Mean Dry Wgt. of animal (mg)	Mean dry wt. / original number — Remark
~~Control~~ 4	4A	4.62	5.47	4	0.2125	0.17
	4B	5.11	6.04	5	0.1860	0.186
	4C	4.75	5.70	3	0.3166	0.190
	4D	6.15	7.21	4	0.265	0.212
	4E	7.28	8.66	5	0.276	0.276
	4F	5.51	6.88	5	0.274	0.274
	4G	5.47	6.70	4	0.3075	0.246
	4H	7.05	8.61	5	0.312	0.2687082
5	5A	5.76	7.38	5	0.324	0.324
	5B	4.57	5.78	4	0.3025	0.242
	5C	4.49	5.61	4	0.280	0.224
	5D	4.72	6.19	5	0.2940	0.294
	5E	~~5.64~~ 6.09	7.40	4	0.3275	0.262
	5F	6.27	7.27	4	0.250	0.200
	5G	6.99	8.46	5	0.294	0.294
	5H	4.53	5.79	4	0.315	0.298375
6	6A	5.83	7.22	5	0.278	0.278
	6B	4.75	5.45	2	0.350	0.140
	6C	5.89	7.13	4	0.310	0.248
	6D	4.68	5.92	5	0.2480	0.248
	6E	5.64	6.85	3	0.4033	0.242
	6F	4.78	5.60	4	0.205	0.164
	6G	4.08	5.62	4	0.285	0.228
	6H	7.40	8.39	4	0.2475	0.2908540
7	7A	5.80	6.80	4	0.250	0.200
	7B	4.40	5.91	5	0.302	0.302
	7C	6.75	8.08	5	0.2660	0.266
	7D	4.47	6.05	5	0.316	0.316
	7E	5.97	7.68	5	0.342	0.342
	7F	5.43	6.99	5	0.312	0.312
	7G	6.50	8.20	5	0.340	0.340
	7H	6.38	7.04	2	0.330	0.3072

* Avg. wt. per original number of animals.

** 0.23325

** 0.2615

** 0.21825

** 0.27625

0.132

Weight Data for Mysid Shrimp Growth

5 12 142

Job Code #: _____

** Avg. wt. or original number of animals.

Conc:	Rep	Tare Wgt. (mg)	Gross Dry Wgt. (mg)	No. of animals	Mean Dry Wgt. of animal (mg)	Mean Dry Wgt. of original number Remark
8	8A	4.70	5.56	3	0.2865	0.172
	8B	4.49	5.73	5	0.248	0.248
	8C	6.36	7.56	4	0.300	0.240
	8D	5.28	6.46	4	0.295	0.236
	8E	6.00	7.19	4	0.2975	0.238
	8F	6.32	7.82	5	0.300	0.300
** 0.2485	8G	5.35	6.82	4	0.3675	0.294
	8H	4.60	5.96	5	0.260 0.3[illegible]	0.294333
9	9A	6.44	7.77	5	0.266	0.266
	9B	7.01	8.54	5	0.306	0.306
	9C	6.24	7.61	5	0.274	0.274
	9D	5.11	6.53	5	0.284	0.284
	9E	5.82	6.73	*~~5~~4	0.2275	0.182
** 0.24475	9F	5.35	5.94	*~~4~~2	0.295	0.118
	9G	4.48	5.52	*~~2~~4	0.260	0.208
	9H	6.90	8.50	5	0.320 0.3[illegible]	0.279062
10	10A	4.54	6.62	5	0.296	0.296
	10B	6.78	8.03	4	0.3125	0.25
	10C	4.58	5.92	5	0.268	0.268
	10D	5.96	6.89	3	0.310	0.186
	10E	5.77	7.24	5	0.294	0.294
** 0.25425	10F	6.66	7.96	4	0.325	0.260
	10G	6.30	7.57	4	0.3025	0.242
	10H	5.25	6.44	4	0.2975	0.300657

*SDEE 7-4-96

** 0.238

Weight Data for Mysid Shrimp Growth

Job Code #: _____

Conc:	Rep	Tare Wgt. (mg)	Gross Dry Wgt. (mg)	No. of animals	Mean Dry Wgt. of animal (mg)	Remark
** 0.23025	11 A	4.41	5.98	4	0.2675	0.214
	11 B	4.32	6.22	4	0.325	0.260
	11 C	4.74	5.79	4	0.2625	0.210
	11 D	4.58	5.90	4	0.330	0.264
	11 E	4.71	6.24	5	0.306	0.306
	11 F	4.60	5.25	3	0.203$\bar{3}$	0.122
	11 G	5.19	6.00	3	0.273$\bar{3}$	0.164
	11 H	6.29	7.80	4	0.3775	0.293145
					0.302	

Mysid Shrimp Survival, Growth, and Fecundity Test

3 12 14

Daily Record of Test Conditions

Temperature (°C) (Initial)														
Day	0	1		2		3		4		5		6		7
Control	26.0	26.1	26.0	26.4	26.5	26.6	26.5	26.2	26.3	26.8	26.2	26.0	26.7	27.0
1	26.4	26.3	26.2	26.2	26.8	26.6	26.3	26.2	26.4	26.7	26.2	26.1	26.7	28..
2	26.0	26.1	26.3	26.3	26.0	26.7	26.3	26.2	26.4	26.7	26.2	26.4	27.1	27.2
3	26.2	26.4	26.3	27.1	26.7	26.3	26.0	26.3	26.2	[illegible]	26.1	26.7	26.8	26..
4	26.1	26.4	26.3	27.0	26.5	26.3	26.1	26.3	26.2	[illegible]	26.2	26.7	26.8	27..
5	26.2	26.1	26.0	27.8	26.4	26.4	26.3	26.2	26.3	[illegible]	26.2	26.6	26.8	27..
6	26.3	26.4	26.3	26.5	26.0	26.2	26.7	26.1	26.4	26.0	26.1	27.5	26.7	26..
Meter No.	7	7		7		6		6		6		6 7		7

Salinity (ppt) (Initial)								
Day	0	1	2	3	4	5	6	7
Control	26	25	25	25	25	25	25	25
1	25	25	26	26	26	25	25	25
2	25	25	26	26	26	25	25	25
3	25	25	26	26	25	25	25	25
4	25	25	23	24	20	19	20	20
5	25	25	27	27	25	21	21	21
6	27	27	26	26	25	25	25	25
Meter No.								

Day	0	1	2	3	4	5	6	7
Initials	SD	SD	SD	JC	JC	JC	JD	SD

Mysid Shrimp Survival, Growth, and Fecundity Test

Daily Record of Test Conditions

Temperature (°C) (Initial)														
Day	0	1		2		3		4		5		6		7
Control	26.0	26.1	26.0	26.4	26.5	26.6	26.5	26.2	26.5	26.6	26.3	26.0	26.7	27.
7	26.3	27.1	26.0	26.7	26.4	26.2	26.9	26.7	26.7	26.1	26.5	27.1	26.8	27.
8	26.2	27.2	26.8	26.1	26.5	26.1	26.3	26.8	26.9	26.4	26.5	26.5	26.3	28.
9	26.0	26.7	26.1	26.4	26.4	26.4	26.7	26.1	26.4	26.0	26.1	27.8	27.3	26.
10	26.6	26.4	26.7	26.0	26.1	26.3	26.6	26.1	26.3	26.7	26.7	27.8	27.7	26.
11	26.8	26.0	26.8	26.4	26.5	26.4	26.6	26.3	26.7	27.1	26.7	27.0	27.3	27.
Meter No.		7		7		6		6		6		7		7

Salinity (ppt) (Initial)								
Day	0	1	2	3	4	5	6	7
Control	26	25	25	25	25	25	25	25
7	27	27	27	26	25	26	25	25
8	28	28	26	26	24	24	24	24
9	25	25	28	28	25	25	25	25
10	31	31	32	31	29	25	25	25
11	31	31	30	30	27	25	25	25
Meter No.								

Day	0	1	2	3	4	5	6	7
Initials	SD	SD	SD	JC	JC	JC	SD	

Mysid Shrimp Survival, Growth, and Fecundity Test

Daily Record of Test Conditions

D.O. (mg/l)														
Day	0	1		2		3		4		5		6		7
Initial/Final	I	I	F	I	F	I	F	I	F	I	F	I	F	F
Control	6.3	4.3	5.8	5.2	6.2	4.6	4.7	4.3	5.7	4.1	4.7	4.1	5.7	4.
1	6.4	4.3	6.1	5.0	4.8	4.2	4.4	4.7	5.7	7.5	7.5	4.3	5.3	4
2	6.2	4.1	6.2	5.0	5.9	4.4	4.2	4.4	5.6	5.5	5.7	4.0	5.3	4.
3	6.3	4.4	6.0	4.7	6.0	4.2	4.7	5.9	5.8	4.3	6.0	4.1	5.7	4.
4	6.7	4.4	5.8	4.8	6.0	4.4	4.4	4.6	5.7	4.1	5.1	4.3	5.8	4.
5	6.8	4.2	6.1	4.6	6.0	4.3	4.6	4.8	5.7	4.3	5.1	4.0	6.0	4
6	6.5	4.1	6.3	5.2	6.3	4.2	4.7	4.8	6.0	4.5	5.7	4.2	4.5	4.
Meter No.	2	2	2	2	2	2	2	2	2	2	2	2	2	2

pH (Initial)														
Day	0	1		2		3		4		5		6		
Control	8.0	7.6	7.3 ~~7.5~~	7.9	7.8	7.3	7.5	7.5	7.6	7.7	7.6	7.5	7.6	7.
1	7.5	7.8	*7.5 ~~7.3~~	7.9	7.1	7.5	7.3	7.8	7.4	7.7	7.2	7.7	7.4	7.
2	7.4	7.8	*7.5 ~~7.4~~	7.9	7.2	7.6	7.4	7.8	7.4	7.7	7.2	7.7	7.4	7
3	7.4	7.7	7.5	7.9	7.2	7.4	7.2	7.7	7.4	7.5	7.2	7.4	7.3	7.
4	7.2	7.9	7.3	7.9	7.1	7.5	7.2	7.8	7.2	7.7	7.0	7.7	7.3	7
5	7.6	7.7	7.6	7.9	7.2	7.4	7.2	7.7	7.4	7.7	7.1	7.6	7.3	7
6	7.5	7.8	7.5	7.9	7.5	7.4	7.4	7.5	7.7	7.7	7.3	7.7	7.4	7
Meter No.	7	7		7		4		5		4		6		

*50cc [illegible]

Mysid Shrimp Survival, Growth, and Fecundity Test

Daily Record of Test Conditions

D.O. (mg/l)														
Day	0	1		2		3		4		5		6		7
Initial/Final	I	I	F	I	F	I	F	I	F	I	F	I	F	F
Control	6.3	4.3	5.8	5.2	6.2	4.6	4.7	4.3	5.7	4.1	4.7	4.1	6.7	4.1
7	6.8	4.9	6.4	5.1	5.9	4.5	4.5	4.2	5.2	4.8	5.8	4.0	6.4	4.
8	6.2	4.1	6.3	5.1	6.5	4.0	4.4	4.2	5.2	4.9	5.7	4.0	6.3	4.
9	6.1	4.0	6.1	4.9	6.1	4.4	4.1	4.4	6.1	4.3	5.1	4.0	6.6	4
10	5.7	4.2	6.2	4.8	6.1	4.2	4.3	4.6	6.0	4.1	5.1	4.1	6.7	4
11	6.1	4.4	6.4	4.6	6.2	4.6	4.7	4.4	5.4	4.0	5.2	4.2	6.4	4.
Meter No.	2	2	2	2	2	2	2	2	2	2	2	2	2	

pH (Initial)														
Day	0	1		2		3		4		5		6		
Control	8.0	7.6	7.9	7.8	7.8	7.3	7.5	7.5	7.6	7.4	7.6	7.5	7.6	
7	7.5	7.8	7.5	7.9	7.5	7.5	7.4	7.8	7.6	7.7	7.3	7.7	7.4	7.
8	7.5	7.8	7.4	7.9	7.1	7.4	7.2	7.8	7.3	7.8	7.0	7.8	7.2	7.
9	7.4	7.6	7.4	7.8	7.2	7.4	7.1	7.7	7.4	7.7	7.3	7.8	7.4	
10	7.4	7.8	7.4	7.8	7.4	7.5	7.3	7.7	7.0	7.6	7.4	7.8	7.5	
11	7.7	7.7	7.6	7.8	7.4	7.5	7.4	7.8	7.5	7.7	7.4	7.8	7.4	
Meter No.	7	7		7		6		6		6		7		

APPENDIX 3. Data Sheets for Chronic *Cyprinodon variegatus* Embryo Screen

6/25/96 Cyprinidon Teratogenicity Test for Curt Rose

11 sites + Control + Ref-Tox, 100 l. Screen. / 4 reps each.

6/27/96 Cyprinidon Eggs obtained from ABS at 1500 on 6/26/96. Placed into Ref Tox at 0930 6/27/96. Eggs were in 25 ‰ Salt when received so no acclimation was necessary.

Samples arrived in lab at 1000 on 6/27/96. All salinities were in range except # 11 which was 31. Temps were also high, around 18° for all samples.

COPY

Test chambers were are 500 ml pint mason jars filled with 300 ml test solution / 15 eggs / chamber / 4 reps / site

Actual test started at 1200 on 6/27/96

6/29/96 #1 Waters: samples 8, 1, 2, 5 small amounts of silt settling on eggs
sample 9 large amounts of silt covering eggs
#2 waters: sample 4 distinct petroleum-type smell
sample 9 large amounts of suspended matter

7/6/96 Test ended at 1200. Final readings taken at 1130.
Final hatch/mortality data recorded as follows:

Dead = Hatched fish confirmed dead by gently prodding them.
Deformed = Fully or partially hatched fish, dead or alive. See notes for info.
Hatched = Fully hatched fish
Total alive = Hatched and alive fish (non-hatched eggs are not recorded as dead but not included in total alive)

COPY

Hatch/Mortality Data

Day 0

Site	Rep	Dead	Deformed	Hatched	Total Alive
1	1				15
	2				15
	3				15
	4				15
2	1				15
	2				15
	3				15
	4				15
3	1				15
	2				15
	3				15
	4				15
4	1				15
	2				15
	3				15
	4				15
5	1				15
	2				15
	3				15
	4				15
6	1				15
	2				15
	3				15
	4				15
7	1				15
	2				15
	3				15
	4				15
8	1				15
	2				15
	3				15
	4				15

Day 0

Site	Rep	Dead	Deformed	Hatched	Total Alive
9	1				15
	2				15
	3				15
	4				15
10	1				15
	2				15
	3				15
	4				15
11	1				15
	2				15
	3				15
	4				15
Control	1				15
	2				15
	3				15
	4				15
0.5	1				15
	2				15
	3				15
	4				15
1.0	1				15
	2				15
	3				15
	4				15
1.5	1				15
	2				15
	3				15
	4				15
2.5	1				15
	2				15
	3				15
	4				15
3.0	1				15
	2				15
	3				15
	4				15

Notes: 6/27/94

... order to produce this summary report, no warranty is ...

COPY

Hatch/Mortality Data

Day 1

Site	Rep	Dead	Deformed	Hatched	Total Alive
1	1				15
	2				15
	3				15
	4				15
2	1				13
	2				15
	3				15
	4				15
3	1				15
	2				15
	3				15
	4				15
4	1				15
	2				15
	3				15
	4				15
5	1				15
	2				15
	3				15
	4				15
6	1				15
	2				15
	3				15
	4				15
7	1				15
	2				15
	3				15
	4				15
8	1				15
	2				15
	3				15
	4				15

Day 1

Site	Rep	Dead	Deformed	Hatched	Alive
9	1				15
	2				15
	3				15
	4				15
10	1				15
	2				15
	3				15
	4				15
11	1				15
	2				15
	3				15
	4				15
Control	1				15
	2				15
	3				15
	4				15
0.5	1				15
	2				15
	3				15
	4				15
1.0	1				15
	2				15
	3				15
	4				15
1.5	1				15
	2				15
	3				15
	4				15
2.5	1				15
	2				15
	3				15
	4				15
3.0	1				15
	2				15
	3				15
	4				15

Day 1

Notes: 6/28/91 [illegible]

COPY

Hatch/Mortality Data

Day 2

Site	Rep	Dead	Deformed	Hatched	Total Alive
1	1				15
	2				15
	3				15
	4				15
2	1				15
	2				15
	3				15
	4				15
3	1				15
	2				15
	3				15
	4				15
4	1				15
	2				15
	3				15
	4				15
5	1				15
	2				15
	3				15
	4				15
6	1				15
	2				15
	3				15
	4				15
7	1				15
	2				15
	3				15
	4				15
8	1				15
	2				15
	3				15
	4				15

Day 2

Site	Rep	Dead	Deformed	Hatched	Total Alive
9	1				15
	2				15
	3				15
	4				15
10	1				15
	2				15
	3				15
	4				15
11	1				15
	2				15
	3				15
	4				15
Control	1				15
	2				15
	3				15
	4				15
0.5	1				15
	2				15
	3				15
	4				15
1.0	1				15
	2				15
	3				15
	4				15
1.5	1				15
	2				15
	3				15
	4				15
2.5	1				15
	2				15
	3				15
	4				15
3.0	1				15
	2				15
	3				15
	4				15

Notes: 6/29/96 JS

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Hatch/Mortality Data

Day 3

Day 3

Site	Rep	Dead	Deformed	Hatched	Total Alive
1	1				15
	2				15
	3				15
	4				15
2	1				15
	2				15
	3				15
	4				15
3	1				15
	2				15
	3				15
	4				15
4	1				15
	2				15
	3				15
	4				15
5	1				15
	2				15
	3				15
	4				15
6	1				15
	2				15
	3				15
	4				15
7	1				15
	2				15
	3				15
	4				15
8	1				15
	2				15
	3				15
	4				15

Day 3

Site	Rep	Dead	Deformed	Hatched	Total Alive
9	1				15
	2				15
	3				15
	4				15
10	1				15
	2				15
	3				15
	4				15
11	1				15
	2				15
	3				15
	4				15
Control	1				15
	2				15
	3				15
	4				15
0.5	1				15
	2				15
	3				15
	4				15
1.0	1				15
	2				15
	3				15
	4				15
1.5	1				15
	2				15
	3				15
	4				15
2.5	1				15
	2				15
	3				15
	4				15
3.0	1				15
	2				15
	3				15
	4				15

Notes: 6/30/75

COPY

Hatch/Mortality Data

Day 4

Site	Rep	Dead	Deformed	Hatched	Total Alive
1	1				15
	2				15
	3				15
	4				15
2	1				15
	2				15
	3				15
	4				15
3	1				15
	2				15
	3				15
	4				15
4	1				15
	2				15
	3				15
	4				15
5	1				15
	2				15
	3				15
	4				15
6	1				15
	2				15
	3				15
	4				15
7	1				15
	2				15
	3				15
	4				15
8	1				15
	2				15
	3				15
	4				15

Day 4

Site	Rep	Dead	Deformed	Hatched	Total Alive
9	1				15
	2				15
	3				15
	4				15
10	1				15
	2				15
	3				15
	4				15
11	1				15
	2				15
	3				15
	4				15
Control	1				15
	2				15
	3				15
	4				15
0.5	1				15
	2				15
	3				15
	4			1	15
1.0	1				15
	2				15
	3				15
	4				15
1.5	1				15
	2				15
	3				15
	4				15
2.5	1				15
	2				15
	3				15
	4				15
3.0	1				15
	2				15
	3				15
	4				15

Day 4

Notes: First Embryo hatched Ref Tox 0.5 #4.
Cleaned debris off of bottoms of site #9.
7/1/96

COPY

Hatch/Mortality Data

Day 5

Site	Rep	Dead	Deformed	Hatched	Total Alive
1	1				15
	2				15
	3				15
	4				15
2	~~5~~ 1				15
	~~6~~ 2				15
	~~7~~ 3				15
	~~8~~ 4				15
3	~~9~~ 1				15
	~~10~~ 2				15
	~~11~~ 3				15
	~~12~~ 4				15
4	~~13~~ 1				15
	~~14~~ 2				15
	~~15~~ 3				15
	4				15
5	1				15
	2				15
	3				15
	4				15
6	1				15
	2				15
	3				15
	4				15
7	1				15
	2				15
	3				15
	4				15
8	1				15
	2				15
	3				15
	4				15

Day 5

Site	Rep	Dead	Deformed	Hatched	Total Alive
9	1				15
	2				15
	3				15
	4				15
10	1				15
	2				15
	3				15
	4				15
11	1				15
	2				15
	3				15
	4				15
Control	1				15
	2				15
	3				15
	4				15
0.5	1				15
	2			1	15
	3			1	15
	4			1	15
1.0	1				15
	2				15
	3				15
	4				15
1.5	1				15
	2				15
	3				15
	4				15
2.5	1				15
	2				15
	3				15
	4				15
3.0	1				15
	2				15
	3				15
	4				15

Day 5

Notes: 7/2/96

COPY

Hatch/Mortality Data
Day 6

Day 6

Site	Rep	Dead	Deformed	Hatched	Total Alive
1	1				15
	2				15
	3				15
	4				15
2	1				15
	2				15
	3				15
	4				15
3	1				15
	2				15
	3				15
	4				15
4	1				15
	2				15
	3				15
	4				15
5	1				15
	2				15
	3				15
	4				15
6	1				15
	2				15
	3				15
	4				15
7	1				15
	2				15
	3				15
	4				15
8	1				15
	2				15
	3				15
	4				15

Day 6

Site	Rep	Dead	Deformed	Hatched	Total Alive
9	1				15
	2				15
	3				15
	4				15
10	1				15
	2				15
	3				15
	4				15
11	1				15
	2				15
	3				15
	4				15
control	1			2	15
	2			1	15
	3			3	15
	4			2	15
0.5	1			2	15
	2			9	15
	3			3	15
	4			1	15
1.0	1			2	15
	2			3	15
	3			1	15
	4			7	15
1.5	1			0	15
	2			|	15
	3			|	15
	4			1	15
~~2.0~~ 2.5	1			0	15
	2			|	15
	3			|	15
	4			|	15
3.0	1			0	15
	2			|	15
	3			|	15
	4			|	15

Notes: 3rd Water used 7/23/96

COPY

Hatch/Mortality Data

Day 7

Site	Rep	Dead	Deformed	Hatched	Total Alive
1	1	1		5	14
	2			0	15
	3			0	15
	4			0	15
2	1			4	15
	2			3	15
	3			2	15
	4			1	15
3	1			7	15
	2			0	15
	3			0	15
	4			1	15
4	1			4	15
	2			0	15
	3			1	15
	4			1	15
5	1			2	13
	2			6	15
	3			2	15
	4			3	15
6	1			11	15
	2			10	15
	3			6	15
	4			3	15
7	1			5	15
	2			2	15
	3			5	15
	4			0	15
8	1			2	15
	2			1	15
	3			2	15
	4			3	15

Day 7

Site	Rep	Dead	Deformed	Hatched	Total Alive
9	1			2	15
	2			3	15
	3			1	15
	4			0	15
10	1			9	15
	2			5	15
	3			2	15
	4			3	15
11	1			9	15
	2			8	15
	3			2	15
	4			2	15
Control	1			13	15
	2			8	15
	3			12	15
	4			11	15
0.5	1			13	15
	2			~~15~~ 13	15
	3			12	15
	4			14	15
1.0	1			12	15
	2			11	15
	3			9	15
	4			13	15
1.5	1			0	15
	2			0	15
	3			3	15
	4			3	15
~~2.0~~ 1.75	1			0	15
	2			0	15
	3			0	15
2.5	4			0	15
3.0	1			0	15
	2			0	15
	3			0	15
	4			0	15

Day 7

*EE 03 7/4

Notes: 7/4 Dg

COPY

Hatch/mortality Data

Day 8

Site	Rep	Dead	Deformed	Hatched	Total Alive
1	1	1		10	14
	2			7	15
	3			5	15
	4			6	15
2	1			5	15
	2			10	15
	3			10	15
	4			9	15
3	1			9	15
	2			6	15
	3			10	15
	4			8	15
4	1			8	15
	2			10	15
	3			13	15
	4			7	15
5	1			12	15
	2			11	15
	3			8	15
	4			7	15
6	1			12	15
	2			11	15
	3			10	15
	4			10	15
7	1			11	15
	2			9	15
	3			9	15
	4			8	15
8	1			8	15
	2			8	15
	3			8	15
	4			7	15

Day 8

Site	Rep	Dead	Deformed	Hatched	Total Alive
9	1			12	15
	2			7	15
	3			10	15
	4			5	15
10	1			12	15
	2			8	15
	3			10	15
	4			6	15
11	1			11	15
	2			13	15
	3			10	15
	4			9	15
control	1			13	15
	2			16	15
	3			13	15
	4			13	15
0.5	1			13	15
	2	1		14	14
	3			13	15
	4			14	15
1.0	1			12	15
	2			14	15
	3			9	15
	4			13	15
1.5	1			0	15
	2			4	15
	3	4		3	11
	4	2		3	~~15~~ 13
~~2.0~~ 2.5	1	15		0	0
	2	15		0	0
	3	15		0	0
	4	15		0	0
3.0	1	15		0	0
	2	15		0	0
	3	15		0	0
	4	15		0	0

Day 8

Notes: 7/5/87

unhatched eggs considered alive except in tox control [2.5] & [3.0] where eggs are completely opaque

COPY

Hatch/mortality Data

Day 9

Site	Rep	Dead	Deformed	Hatched	Total Alive	
1	1	1		10	10	67%
	2			12	12	
	3	1	1A	10	9	
	4			9	9	
2	1	1		9	8	67%
	2			10	10	
	3			12	12	
	4			10	10	
3	1			9	9	67%
	2			10	10	
	3			11	11	
	4			10	10	
4	1			10	10	77%
	2			14	14	
	3			13	13	
	4			9	9	
5	1			12	12	72%
	2			11	11	
	3			10	10	
	4			10	10	
6	1			13	13	83%
	2			13	13	
	3			11	11	
	4			13	13	
7	1			11	11	70%
	2			9	9	
	3			11	11	
	4			11	11	
8	1			9	9	68%
	2			12	12	
	3			10	10	
	4			10	10	

Site	Rep	Dead	Deformed	Hatched	Total Alive	
9	1			14	14	73
	2			10	10	
	3			10	10	
	4			10	10	
10	1			12	12	62
	2			8	8	
	3			10	10	
	4			7	7	
11	1			11	11	77
	2			13	13	
	3			12	12	
	4			10	10	
Control	1			13	13	8
	2			12	12	
	3			14	14	
	4			13	13	
0.5	1			13	13	
	2			14	14	
	3			13	13	
	4			~~15~~ 14	14	* EE 7/6
1.0	1			12	12	
	2	1		~~15~~ 14	~~14~~ 13	* EE 7/6
	3			9	9	
	4			13	13	
1.5	1	3	1A	6	3	
	2	3		8	~~8~~ 5*	
	3	4	2AB	6	2	
	4	3	1A	9	6	
2.5	1			0		
	2			0		
	3			0		
	4			0		
3.0	1			0		
	2			0		
	3			0		
	4			0		

Notes: 7/6 JJ

Deformation Explanation:

A= under-developed and partial tail, fully hatched, dead

B= partialy hatched fish, dead

Chemistry Data

COPY

Site #		Day 0	1	2	3	4	5	6	7	8	9 (Final)	10
1	Temp	24.5	24.7	24.4	24.3	24.5	24.1	24.2	24.3	25.2	24.9	
	D.O	6.4	6.3	4.8	5.2	6.3	6.8	6.5	5.4	5.9	6.0	
	pH	7.4	7.9	7.7	7.6	7.7	7.6	7.6	7.7	7.8	8.1	
	Sal.	25	25	26	25	26	26	26	26	26	26	
2	Temp	25.0	24.6	24.5	24.2	24.2	24.5	24.2	24.4	25.4	24.9	
	D.O	5.5	6.4	5.3	5.8	6.1	6.3	6.2	6.3	5.6	5.8	
	pH	7.3	7.9	7.7	7.7	7.7	7.7	7.7	7.7	7.8	8.1	
	Sal	25	25	26	25	26	25.0	25	25.0	25	25	
3	Temp	25.2	24.4	24.2	24.2	24.1	24.6	24.2	24.4	25.4	25.0	
	DO	5.9	6.3	5.5	5.5	6.2	6.4	6.2	6.0	6.0	5.8	
	pH	7.3	7.9	7.7	7.7	7.7	7.7	7.7	7.7	7.8	8.1	
	Sal	25	25	26	25	25	25.0	25	25	25	25	
4	Temp	25.5	24.4	24.1	24.3	24.2	24.7	24.3	24.6	25.3	25.0	
	DO	5.8	6.0	5.5	5.0	6.1	6.2	6.1	5.4	6.0	5.8	
	pH	7.1	7.9	7.7	7.6	7.7	7.6	7.6	7.7	7.9	8.2	
	Sal	25	25	23	20	20	20.0	20	15	15	15	
5	Temp	25.2	24.6	24.3	24.4	24.1	24.9	24.2	24.1	25.6	24.8	
	D.O.	6.1	6.3	5.6	5.6	6.4	6.3	6.2	6.2	6.0	5.6	
	pH	7.5	7.8	7.7	7.6	7.7	7.6	7.7	7.6	7.7	8.0	
	Sal	25	25	27	25	25	25.0	23	25	26	26	
6	Temp	25.2	24.4	24.2	24.4	25.1	24.8	24.1	24.4	25.4	24.9	
	DO	6.2	6.4	6.3	6.5	6.5	6.7	6.4	6.1	6.2	5.8	
	pH	7.4	7.9	7.8	7.7	7.8	7.7	7.7	7.7	7.8	8.1	
	Sal	27	27	26	25	25	25.0	25	25	26	26	
7	Temp	25.8	24.1	24.2	24.4	24.6	25.4	24.2	24.7	25.5	24.9	
	D.O	6.2	6.3	6.3	6.4	6.6	6.2	6.3	6.1	6.2	5.9	
	pH	7.4	7.9	7.8	7.7	7.8	7.7	7.7	7.7	7.7	8.0	
	Sal	26	27	27	26	25	26	26	26	27	27	
8	Temp	25.8	24.2	24.6	24.3	24.5	24.2	24.1	25.1	25.2	24.9	
	D.O	5.9	6.2	5.0	4.7	6.6	6.5	6.4	6.0	6.3	5.8	
	pH	7.4	7.8	7.8	7.5	7.6	7.6	7.6	7.6	7.7	8.0	
	Sal	27	28	26	24	24	25	25	25	26	26	
9	Temp	25.9	24.1	24.4	24.2	24.6	24.9	24.1	24.2	25.0	25.0	
	D.O	5.9	6.3	5.6	6.0	6.6	6.5	6.6	6.2	6.2	5.8	
	pH	7.3	7.9	7.7	7.6	7.6	7.6	7.6	7.7	7.7	8.0	
	Sal	25	25	24	26	25	26	25	25	26	26	
Date		6/27	6/28	6/29	6/30	7/1	7/2	7/3	7/4	7/5	7/6	
Initials		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Note -- In order to produce this summary report, no editing of data

Chem Data Cont'd. COPY

Site #		Day 0	1	2	3	4	5	6	7	8	9 (Final)	10
10	Temp	24.5	24.3	24.2	24.2	24.3	24.7	24.3	24.7	25.3	24.9	
	D.O	5.3	6.3	6.1	6.2	6.4	6.6	6.5	6.8	6.4	5.7	
	P.H	7.2	7.8	7.8	7.7	7.6	7.6	7.6	7.6	7.7	8.0	
	Sal	27	31	32	30	29	30	30	30	31	31	
11	Temp	25.0	24.4	24.1	24.4	24.3	24.9	24.8	24.9	25.4	24.9	
	D.O	5.5	6.2	6.2	6.7	6.8	6.5	6.3	6.1	6.4	5.9	
	PH	7.6	7.9	7.8	7.7	7.7	7.7	7.7	7.7	7.7	8.0	
	Sal	31	31	30	28	27	28	26	27	27	27	
25 ‰ Recon. Control	Temp	24.0	24.2	24.2	24.2	24.1	24.2	24.2	24.0	24.2	24.9	
	D.O	6.3	6.1	6.1	6.1	6.4	6.1	6.2	6.1	6.0	6.0	
	PH	8.1	8.1	8.1	8.0	8.0	8.0	7.9	8.0	7.8	8.0	
	Sal	25	25	25	25	25	26	26	26	26	26	
Ref-Tox		0	1	2	3	4	5	6	7	8	9	10
0.5 g/L	Temp	24.0	24.2	24.2	24.2	24.2	24.2	24.1	24.1	24.2	25.0	
	DO	6.2	6.2	6.0	6.1	6.3	6.0	6.2	6.1	6.0	6.0	
	PH	8.1	8.1	8.1	8.0	8.0	8.0	7.9	8.0	7.9	8.0	
	Sal	25	26	25	25	25	26	26	26	26	26	
1.0 g/L	Temp	24.0	24.2	24.2	24.3	24.2	24.1	24.1	24.1	24.3	25.1	
	D.O	6.2	6.2	6.1	6.0	6.3	6.0	6.2	6.0	6.0	6.0	
	PH	8.2	8.2	8.1	8.0	8.0	8.0	8.0	8.0	7.9	8.0	
	Sal	25	26	25	25	26	27	28	27	27	27	
1.5 g/L	Temp	24.0	24.1	24.2	24.3	24.1	24.1	24.3	24.0	24.3	25.0	
	D.O	6.2	6.2	6.1	6.0	6.4	6.1	6.3	6.1	5.9	6.1	
	PH	8.3	8.2	8.1	8.1	8.0	8.0	8.0	8.0	7.9	8.0	
	Sal	25	26	26	25	25	27	28	27	27	27	
2.5 g/L	Temp	24.1	24.1	24.1	24.2	24.2	24.3	24.4	24.0	24.4	25.0	
	D.O	6.2	6.1	6.1	6.0	6.4	6.0	6.3	6.2	6.0	6.0	
	PH	8.3	8.2	8.1	8.1	8.1	8.1	8.0	8.0	7.9	8.0	
	SAl	25	27	26	26	26	28	28	28	28	28	
3.0 g/L	Temp	24.2	24.0	24.1	24.2	24.2	24.4	24.5	24.1	24.4	25.0	
	D.O	5.6	6.0	6.1	6.0	6.3	6.0	6.2	6.2	5.9	6.1	
	PH	8.4	8.2	8.1	8.1	8.1	8.1	8.0	8.0	7.9	8.0	
	Sal	25	28	27	27	28	29	28	28	28	28	
Date		6/27	6/28	6/29	6/30	7/1	7/2	7/3	7/4	7/5	7/6	
Initials		—	JB	JB	—	—	—	—	JB	JB	JB	

Note -- In order to produce this summary report, no warning or diag-

APPENDIX 4. Reference Toxicant Tests

0¢piNLQ 12cpiß 2X#l ?xxx >H´x 6X@ {æX@
?ddd ?Ł´d 6X@¯{æX@ G Ł_9Ł 9< t< tØ6 ŁN9
Ł—RŁŒLt > K t ° NbŁ 3´D+ £X£V£T£Z fN^ŁMHŁ›GŁ eŁqfl]^Y[X^SQR»: < tŁ
(°"Ł/ < sŁv9B° Ł < u°´ŁD:Ł 9ZY[^QŁ6:ŁßßY^PV `"THE SEACREST GROUP
Page _____

********** Version 2.5 **********

Results calculated using the Summary Method.

****

Sponsor	:	REF TOX
Species	:	MYSIDOPSIS BAHIA
Study Number	:	396210
Dates of test	:	6/27/96 to 7/4/96
Test Material	:	CUSO4
Concentration Units	:	PPB
Report run by	:	KAC
Date of report	:	07-11-1996

****

CHRONIC

****

Concentration (PPB)	Number Exposed	Number Dead	Percent Dead	Corrected Number Dead	Corrected Percent Dead
500.0	20	20	100.0	20	100.0
250.0	20	18	90.0	18	90.0
125.0	20	11	55.0	11	55.0
62.5	20	3	15.0	2	10.0
31.3	20	3	15.0	2	10.0
Control	20	1	5.0	0	0.0

****

Method	W	LC50	95% Confidence Limits Lower	Upper	Slope
Results NOT corrected for Spontaneous Mortality					
Binomial		115.39	62.50	250.00	--N/A--
Moving Average		104.33	76.90	136.79	--N/A--
Probit		102.08	78.29	131.71	2.93
Logit		103.65	77.35	142.90	4.55
Results corrected for Spontaneous Mortality					
Binomial		116.71	62.50	250.00	--N/A--
Moving Average		112.55	85.61	145.42	--N/A--
Probit		110.13	86.39	139.87	3.32
Logit		110.84	84.29	147.80	5.24

Note -- In order to produce this summary report, no warning or diag-

0cpiNLQ 12cpiß 2X#ł ?xxx >H´x 6X@ {æX@
?ddd ?Ł´d 6X@¯{æX@ G Ł_9Ł 9< t< tØ6 ŁN9
Ł–RŁŒLt > K t ° NbŁ 3´D+ £X£V£T£Z fN^ŁMHŁ›GŁ eŁqfl]^Y[X^SQR»: < tŁ
(°"Ł/ < sŁv9B° Ł < u°´ŁD:Ł 9ZY[^QŁ6:ŁßßY^PV `"THE SEACREST GROUP
Page _____

********** Version 2.5 **********

Results calculated using the Summary Method.

****

Sponsor	:	REF TOX
Species	:	CYPRINODON VARIEGATUS
Study Number	:	396210
Dates of test	:	6/27/96 to 7/4/96
Test Material	:	KCL
Concentration Units	:	G/L
Report run by	:	KAC
Date of report	:	07-11-1996

****

CHRONIC

****

Concentration (G/L)	Number Exposed	Number Dead	Percent Dead	Corrected Number Dead	Corrected Percent Dead
3.0	60	60	100.0	60	100.0
2.5	60	60	100.0	60	100.0
1.5	60	44	73.3	42	70.0
1.0	60	13	21.7	6	10.0
0.5	60	6	10.0	0	0.0
Control	60	8	13.3	0	0.0

****

Method	W	LC50	95% Confidence Limits Lower	Upper	Slope
Results NOT corrected for Spontaneous Mortality					
Binomial		1.25	1.00	1.50	--N/A--
Moving Average	*	1.17	1.06	1.29	--N/A--
Probit	*	1.14	0.49	1.81	5.24
Logit		1.17	0.38	5.10	7.86
Results corrected for Spontaneous Mortality					
Binomial		1.32	1.00	1.50	--N/A--
Moving Average		1.25	1.17	1.34	--N/A--
Probit		1.33	1.25	1.41	10.55
Logit		1.33	1.24	1.43	14.78

Note -- In order to produce this summary report, no warning or diag-

3 12 14

Section 3

Quality Assurance Review Summary—Chemical Analyses

QUALITY ASSURANCE REVIEW SUMMARY—CHEMICAL ANALYSES

INTRODUCTION

This report documents the results of a quality assurance review of data for chemical analyses of surface sediment, multi-depth sediment, plant and animal tissue, surface water, and anode samples. The analyses were completed in support of the ecological risk assessment for the marsh (estuarine) operable unit of the LCP Chemicals Site in Brunswick, Georgia (Volume I). Details of the sampling procedures for each task are provided in the draft field sampling plan (PTI and CDR 1996a). Descriptions of the procedures used for chemical analyses, data validation, and data processing are provided in the draft quality assurance project plan (PTI and CDR 1996b) and are summarized below.

The quality assurance review was conducted to verify that the laboratory quality assurance and quality control procedures were completed and documented as required and that the quality of the data is sufficiently high to support its use in the ecological risk assessment. Data validation procedures and qualifier assignments were completed according to the U.S. Environmental Protection Agency's (EPA's) functional guidelines for evaluating inorganic and organic analyses (U.S. EPA 1994a,b), as applicable, with modifications made as appropriate to accommodate quality control requirements for methods not specifically addressed by the functional guidelines (i.e., modified methods, conventional analyses, polychlorinated biphenyl (PCB) congener analyses, and methylmercury analyses).

Data validation was completed to EPA Level 3 specifications (U.S. EPA 1995). Data qualifiers were assigned during the quality assurance reviews if control limits were not met, in accordance with U.S. EPA (1994a,b), quality control requirements stated in the methods, and the data quality objective (DQOs) established for the project (PTI and CDR 1996c), as applicable. All data qualified as estimated (*J*) have an acceptable degree of uncertainty and represent data of good quality and reasonable confidence (U.S. EPA 1989). Rejected data are considered unusable for their intended purposes. Only 1 result was rejected for this study, and the rejected value has been removed from the database.

Results of the quality assurance review of data for the 1996 sampling effort are summarized in this report. Details are provided in data validation summary tables and data qualifier summaries, included in Tables 3.1-1 through 3.1-7 of this attachment. Each exhibit pertains to data related to one field study or one set of related field studies, as follows:

- Table 3.1-1 includes data quality summaries for surface water and oyster samples collected for the water column study

- Table 3.2-1 includes data quality summaries for surface sediment samples collected for the marsh grid area, reference area, and channel station studies
- Table 3.3-1 includes data quality summaries for sediment samples collected for the multi-depth sediment study
- Table 3.4-1 includes data quality summaries for surface water, sediment, plant and animal tissue, and anode samples collected during the preliminary field study in January 1996
- Table 3.5-1 includes data quality summaries for initial and "diluted" sediment samples from the dilution series used for toxicity testing
- Table 3.6-1 includes data quality summaries for surface water samples collected for the mercury methylation study
- Table 3.7-1 includes data quality summaries for samples of plant and animal tissue collected for the food web study
- Table 3.8-1 includes data quality summaries for composite terrapin hatchling and egg tissue samples collected for the diamondback terrapin TRV development study.

A data validation summary table is provided for every analyte group in each study. In addition to the data validation summaries, each exhibit also includes a data qualifier summary table that indicates the number of qualifiers applied to the data by analyte and quality control exceedance. This table provides additional detail regarding laboratory performance and the source of data qualifiers for each analyte.

A summary of field samples and analyses for each study is provided in Table 3-1, and the methods used to conduct the chemical analyses are summarized in Table 3-2. Complete data tables for the various field studies, by analyte group, are provided in Section 1. The remainder of this data quality report includes a summary of overall data quality, followed by a description of data validation and data quality assessment procedures and discussions of quality control exceedances encountered during the data quality review process.

SUMMARY OF DATA QUALITY

The data for the 1996 sampling effort were generally of good quality. Only 1 result (for 1 grain size fraction) was of unacceptable quality and was rejected. Three results for total solids for the food web study were additionally rejected as outliers. A total of 3,249 results (9.4 percent of all results) were qualified as estimated because control limits were exceeded for one or more laboratory quality control samples or procedures. These qualified data may have a larger associated bias or may be less precise than unqualified data, but are of acceptable quality for use in the ecological risk assessment.

DATA VALIDATION PROCEDURES

Data validation procedures, completed according to EPA Level 3 requirements (U.S. EPA 1995), included a review of the results for all laboratory quality assurance/quality control (QA/QC) procedures. In addition, a 100-percent comparison was made of data reported in the laboratory data packages with electronic data imported or hand-entered into the PTI database and all discrepancies were resolved. Validation procedures generally did not include verification of laboratory calculations and transcriptions or review of instrument printouts and bench sheets. These verifications and reviews were completed only on the first data package from each laboratory and additionally, as needed, to explain or verify unexpected QA/QC results or sample data.

The following laboratory deliverables were reviewed during the data validation process:

- Chain-of-custody documentation, to verify completeness of the data
- The case narrative discussing analytical problems (if any) and procedures
- Sample preparation logs or laboratory summary result forms to verify analytical holding times
- Instrument tuning (organic analyses only), initial and continuing instrument calibration, and calibration blank results, to assess instrument performance
- Method blanks, initial calibration blanks, and continuing calibration blanks, to check for laboratory contamination
- Results for surrogate compounds (organic analyses only), laboratory control samples (LCSs), and matrix spikes, to check analytical accuracy
- Results for laboratory duplicate or triplicate sample analyses, to check analytical precision
- Results for internal standard performance (organic analyses only), to check instrument performance and matrix effects
- Method reporting limits (MRLs) for all target analytes, to verify that detection limit requirements were met
- Qualitative and quantitative analyte identification criteria for PCB congeners, to verify correct identification of the congeners.

In addition, results for field quality control samples (equipment blanks, bottle blanks, environmental blanks, and reference material samples) were evaluated to provide

additional information in support of the quality assurance review. Equipment blanks were analyzed to determine if contamination may have been introduced during sampling. Reference material samples were analyzed to provide an additional check on overall laboratory performance. Replicate field samples were collected to assess small-scale field variability in analyte concentration in addition to laboratory and sampling variability.

DATA QUALITY ASSESSMENT

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

Completeness

The results reported by the laboratory were 100-percent complete for all studies except the multi-depth sediment study. Limited sample volume precluded complete analysis of 9 samples for this study. Analyses were not completed for grain size (8 size classes in 7 samples, for a total of 56 results) for Samples BOSD0177, BOSD0179, BOSD0181, BOSD0282, BOSD0384, BOSD0403, BOSD0414; cyanide for samples BOSD0033 and BOSD0367 (2 results); and TAL metals (including mercury) for sample BOSD0384 (23 results), and total solids for Sample PREYT4-IN.

One grain size result (for Sample BOSD0098) was rejected during data validation because the calculated result was unreasonable (323 percent). All fractions combined should not have exceeded 100 percent of the total sample weight. A recording error on the data sheet during analysis is suspected. The laboratory was unable to reanalyze the sample because insufficient sample material was available.

For food web tissue and vegetation samples, results for total solids were reported by both Cebam Analytical (Cebam) and Columbia Analytical Services, Inc. (CAS). Three results (fiddler crab Sample PREY1-FC analyzed by CAS, periwinkle Sample PREY3-PW analyzed by CAS, and spartina Sample PREYBR-SP analyzed by Cebam) appeared to be substantially different from the remaining results for the respective sample types, and the Dixon test (Kanji 1994) was used to determine whether these results were outliers. All three of the total solids results were found to be outliers at a level of significance (α) equal to or less than 0.05. These results were consequently rejected, and the solids result from the alternate laboratory was used for calculations.

Holding Times and Sample Preservation

All analytical holding time constraints and sample preservation requirements specified in PTI and CDR (1996a) were met, with one exception. One oyster tissue sample analyzed

for semivolatile organic compounds (SVOCs) required reextraction. The sample was reextracted 7 days past the 14-day holding time limitation; therefore, results for all 67 SVOCs reported for this sample were qualified as estimated (*J*).

Instrument Performance

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

Initial and Continuing Calibration

Initial and continuing calibrations were completed for all applicable target analytes and generally met the criteria for acceptable performance and frequency of analysis. Results for all initial calibrations met control limits. A total of 325 results (0.94 percent overall) were qualified as estimated (*J*) during the quality assurance review because control limits for continuing calibration were not met.

Initial and Continuing Calibration Blanks

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

Method Blank Analyses

Target analytes were generally not detected in the method blanks. Several TAL metals, total mercury, methylmercury, bis(2-ethylhexyl)phthalate, selected polycyclic aromatic hydrocarbons (PAHs), and PCB congeners were detected in several blanks.

If a target analyte other than total mercury and methylmercury in surface water samples was detected in a method blank and associated samples, the 5 times rule or 10 times rule (U.S. EPA 1994a,b) was used, as applicable, to determine whether results should be qualified. No results for TAL metals (except mercury) required qualification because the metals were present in the samples at concentrations greater than 5 times the concentrations in the associated method blanks.

Concentrations of total mercury and methylmercury in water and tissue samples are determined using very sensitive analytical techniques. The low detection limits that may be achieved using these methods result in a need for extreme care during sample collection and analysis to minimize sample contamination. In many cases, the source of the

contamination and the level of contamination are fairly constant (e.g., the reagents used for the analyses or the equipment used to sparge the digested samples). To permit characterization of the level of contaminants introduced during analysis, a minimum of 3 method blanks were analyzed with every sample batch.

During data validation, sample results were evaluated with respect to the average mercury concentration present in associated method blanks plus 3 times the standard deviation of the average. Sample results were compared to this method blank criterion and results were qualified as follows:

- If total mercury was present in a sample at a concentration less than the method blank criterion, sample results were restated as undetected (*U*) at the concentration reported by the laboratory.
- If total mercury was present at a concentration greater than the method blank criterion, but less than 10 times the concentration found in the associated method blanks, sample results were qualified as estimated (*J*) at the concentration reported by the laboratory.
- If total mercury was present at a concentration greater than 10 times the average concentration (plus 3 standard deviations) found in the associated method blanks, sample results were considered acceptable without qualification.

The method used for analysis of methylmercury routinely involves method blank corrections because of the difficulty in cleaning reagents, equipment, and labware to undetectable levels of methylmercury. Because the methylmercury results were blank-corrected by the laboratory, no additional action was required during data validation.

A total of 128 results (0.42 percent overall) were restated as undetected (*U*) during the quality assurance review, including the following:

- 4 total mercury results for surface water samples from the mercury methylation study (Section 3.6; Table 3.6-2)
- 37 PAH results for the surface sediment samples (Section 3.2; Table 3.2-5)
- 30 bis(2-ethylhexyl)phthalate and 26 PCB congener results for multi-depth sediment samples (Section 3.3; Table 3.3-6)
- 11 bis(2-ethylhexyl)phthalate results for toxicity test sediment samples (Section 3.5; Table 3.5-5)
- 29 PCB congener results for terrapin tissue samples (Section 3.8; Table 3.8-5)

- 11 bis(2-ethylhexyl)phthalate results for the oyster tissue samples (Section 3.1; Table 3.1-9).

In addition, 24 PCB congener results for the multi-depth sediment samples; 19 PAH results for the surface sediment samples; 2 PAH and 4 PCB congener results for the terrapin tissue samples; and 5 bis(2-ethylhexyl)phthalate results for the water column study oyster tissue samples were qualified as estimated (*J*) because these analytes were present in samples at concentrations greater than 5 times but less than 10 times the concentration in the associated method blank. This additional qualification criterion was used because many of the analytes qualified were frequently detected in the method blanks and were typically detected in the affected samples at concentrations slightly above 5 times the concentration detected in associated method blank. A total of 79 results (0.23 percent overall) were qualified as estimated (*J*) because of method blank contamination.

Accuracy

The accuracy of the analytical results is evaluated in the following sections in terms of analytical bias (surrogate compound, matrix spike, LCS, reference material, and internal standard recoveries) and precision (duplicate matrix spikes, duplicate LCSs, duplicate sample analyses, or triplicate sample analyses).

Surrogate Compound Recoveries

The recoveries reported by the laboratory for all surrogate compounds, added to all field and quality control samples analyzed for organic compounds, typically met the criteria for acceptable performance. A total of 1,199 results (3.5 percent overall) for PAHs, SVOCs, and PCBs (as Aroclors) were qualified as estimated (*J*) during the quality assurance review because the control limits for surrogate recovery and the criterion for the number of surrogate recovery exceedances were not met.

Matrix Spike Recoveries

The recoveries reported by the laboratory for matrix and duplicate matrix spike analyses, and the frequency of analysis, typically met the criteria for acceptable performance. A total of 352 results (1.0 percent overall) reported for metals (antimony, copper, nickel, selenium, and silver) were qualified as estimated (*J*) during the quality assurance review because either the lower or upper control limit for matrix spike recovery was not met.

Laboratory Control Sample Recoveries

The recoveries reported by the laboratory for all LCS and duplicate LCS analyses, and the frequency of analysis, typically met the criteria for acceptable performance. A total of 217 results (0.63 percent overall) for pesticides (alpha- and beta-endosulfan, aldrin, dieldrin, and endrin) and PCB congeners were qualified as estimated (*J*) during the quality assurance review because the control limits for LCS recovery were not met. Reference materials were used as LCSs for total mercury and methylmercury analyses by cold vapor atomic fluorescence techniques.

Internal Standard Performance

Criteria for retention time and area count, or recovery for PCB congener analyses, were met for the internal standards added to all samples analyzed for organic compound analyses, with the exception of some isotopically labeled internal standards used for the analysis of PCB congeners. A total of 25 results (0.07 percent overall) for PCB congeners were qualified as estimated (*J*) during the quality assurance review because related internal standards did not meet control limits for recovery.

Precision

The results reported by the laboratory for duplicate and triplicate analyses, and the frequency of analysis, typically met the criteria for acceptable performance. A total of 66 results (0.19 percent overall) for grain size, aluminum, copper, and Aroclor® 1268 were qualified as estimated (*J*) during the quality assurance review because control limits for relative percent difference (for duplicate sample analyses) or relative standard deviation (for triplicate sample analyses) were not met.

Method Detection Limits and Method Reporting Limits

Method detection limits (MDLs) and MRLs generally met project DQOs (PTI and CDR 1996a); however, in some instances, elevated MDLs and MRLs were reported for some of the results for total PCBs, PAHs, and SVOCs. MDLs and MRLs were elevated when sample dilution was required to conduct the analysis or when limited sample volume was available for extraction. Sample dilution was required when elevated concentrations of target analytes or matrix interferences, or both, prevented reliable identification and quantification of the target analytes in the sample.

A total of 889 results (2.6 percent overall) reported as detected at concentrations above the MDL, but less than the MRL were qualified as estimated (*J*) by the laboratory because concentrations in this range are less precise than results reported at concentrations above the MRL.

Identification and Quantification of PCB Congeners

A total of 171 results (0.5 percent overall) for PCB congeners in multi-depth sediment samples and 10 results (0.03 percent overall) for PCB congeners in terrapin tissue samples were qualified as estimated (*J*) because one or more criteria for identification and quantification were not met. The factors resulting in qualification of these data included the following:

- **Ion Abundance Ratio**—4 results were qualified as estimated (*J*) because the ion abundance ratio between the two quantitative (characteristic) ions for an analyte did not meet the control limit (85–115 percent of the theoretical ion ratio).

- **Quantitative Interferences**—21 results were qualified as estimated (*J*) because quantitative interference resulted from elution of an unknown compound with the same quantitative ion signal and retention time as a target analyte or isotopically labeled internal standard. This type of interference may affect the intensity of the quantitative ion signal.

- **Poor Peak Resolution**—54 results were qualified as estimated (*J*) because the resolution of the affected analyte peak was affected by an unknown interference or a co-eluting peak signal, or, in the case of two closely eluting peaks, because there was not sufficient separation between the two peaks.

- **Estimated Maximum Possible Concentration**—206 results were qualified as estimated (*J*) because the integrated ion abundance ratio between the two primary quantitative (characteristic) ions for an analyte did not meet the control limit (85–115 percent of the theoretical ratio), but all other identification criteria were met. These results are considered to be estimated maximum possible concentrations (EMPCs) that correspond to the PCB concentration that would be present if the PCB signals (ions) had met all positive identification criteria (i.e., ion abundance ratios). The actual concentration of these congeners is likely to be lower than the reported concentration because a co-eluting compound is likely responsible for the discrepancy in the abundance ratio of the primary ions. An EMPC is also reported for each PCB isomer chlorination level (total homolog group) and represents the sum of all positively identified PCB isomers in the homolog group and all peaks that do not meet all identification criteria.

FIELD QUALITY CONTROL SAMPLES

Field quality control samples analyzed with the natural samples included three types of field blanks (equipment rinse blanks, bottle blanks, environmental blanks), field replicate samples, and reference material samples. A summary of the number of field quality control samples and the analyses conducted is provided in Table 3-1. The results for the field quality control samples are discussed in the following sections.

Field Blanks

Field blanks (equipment rinse blanks, bottle blanks, and/or environmental blanks) were collected with the surface water and sediment samples for the preliminary study (January 1996) and the surface water study (June 1996). No target analytes were detected at concentrations above the MRLs in the equipment rinsate blanks associated with the sediment samples.

Total mercury and methylmercury were detected in some of the bottle and environmental blanks collected with the water samples (Table 3-3). Total mercury and methylmercury results in the natural samples exceeded 5 times the concentrations in the associated rinse blanks, and no sample results required qualification.

Field Duplicate Samples

Field duplicate samples were collected at a frequency of 5 percent of natural samples for all sediment samples and for the surface water samples. Duplicate samples could not be collected for the mercury methylation study because limitations to the number of samples that could be collected were imposed by the configuration of the automatic samplers that were used for this study.

The field duplicates are co-located samples. They provide information regarding variability in analyte concentration in the area from which they were collected and are not used to assess laboratory precision; therefore, data are not qualified on the basis of results reported for these samples. Data for field duplicate samples are included in the data summary tables located in Section 1.

Reference Material Samples

Reference material samples were submitted for analysis of metals, SVOCs, pesticides, and PCBs. The source and nature of the reference materials and the analysis results are discussed below. A summary of data for these samples is provided in Table 3-4. Reference material samples were not submitted for methylmercury analyses because reference materials are routinely analyzed by the laboratories as LCSs with each sample batch.

Metals Analyses

Three aliquots of BCSS-1, an estuarine sediment from the Gulf of St. Lawrence prepared by the National Research Council of Canada (NRCC), were submitted for analysis of 13 TAL metals in conjunction with the multi-depth sediment samples. The reported concentrations of the target analytes generally fell within the 95 percent confidence interval established by NRCC. All recoveries reported for antimony, beryllium, chromium, vanadium, and zinc did not meet these control limits. No sample results were qualified because matrix spike recoveries for these analytes were acceptable. Matrix spike results are considered to be more indicative of site-specific sample data than a reference sample of a different material. Recoveries for selenium could not be calculated because the MRL was greater than the concentration of selenium in the reference sample.

Seven aliquots of the PACS-1, a sediment from Esquimalt harbor in British Columbia, Canada, prepared by NRCC, were submitted for analysis of total mercury and lead in conjunction with the surface and multi-depth sediment samples. The reported concentrations of total mercury and lead for all analyses of the PACS-1 reference material fell within the 95 percent confidence interval established by NRCC. All seven aliquots were analyzed for total mercury, and three aliquots were additionally analyzed for lead.

One aliquot of ERA Lot No. 429, a water reference material prepared by Environmental Resource Associates (ERA), Arvada, Colorado, was submitted for analysis of 18 TAL metals in conjunction with surface water samples. The recoveries of all metals in this reference material met the control limits suggested by ERA.

Pesticide and PCB Analyses

Five aliquots of HS-2, a sediment from a Nova Scotian harbor prepared by NRCC, were submitted for analysis of total PCBs in conjunction with surface and multi-depth sediment samples. This reference material contains Aroclor® 1254 at a certified concentration of 111.8 μg/kg. The MRL in undiluted samples was generally 10 μg/kg (dry weight). Aroclor® 1254 was detected (98 percent recovery) in only one aliquot of this reference material. Recoveries could not be calculated for the other four aliquots because Aroclor® 1254 was reported as undetected at detection limits ranging from 50–150 μg/kg. Extensive cleanup procedures were required for this reference material because elevated concentrations of oil and sulfur were present in the reference material. Similar cleanup procedures were not conducted on the samples. Because the field samples were not subjected to the same sample preparation procedures as the reference material samples, it is not appropriate to use these reference material data as a criterion for qualifying the sample results. The accuracy of the PCB analyses in sediment was evaluated on the basis of the matrix spike results.

Two aliquots of NIST-1941A, a marine sediment prepared by the National Institute of Standards and Technology, Gaithersburg, Maryland, were submitted for analysis of organochlorine pesticides in conjunction with the multi-depth sediment samples. Recoveries could not be calculated for the two target analytes (p,p'-DDD and p,p'-DDE) present in this reference material because these samples required dilution prior to analysis due to elevated concentrations of non–target analytes (PAHs and PCBs) that were present in the reference material. The dilutions resulted in the elevation of detection limits to values above the certified concentrations of p,p'-DDD and p,p'-DDT in the reference material.

One aliquot of ERA Lot Nos. 569 and 571 (two aqueous reference materials combined into 1 sample in the field) was submitted for analysis of organochlorine pesticides and PCBs in conjunction with surface water samples. The recoveries for all target analytes in this reference material met the control limits suggested by ERA.

Semivolatile Organic Compound and PAH Analyses

Four aliquots of SES-1, a non-certified spiked natural estuarine sediment prepared by NRCC, were submitted for analysis of 13 PAHs in conjunction with surface and multi-depth sediment samples. The reported concentration of most of the target analytes fell within the 95 percent confidence interval established by NRCC. Results for acenaphthene, anthracene, benz[a]anthracene, benz[a]pyrene, fluorene, and naphthalene in all four samples of this reference material were below the lower control limit. During the data quality review, it was determined that the SES-1 reference material was not certified and that the analyte concentrations originally determined 2 years ago had not been rechecked. The accuracy of the data reported by the laboratory was based on results reported for the matrix spike and LCS analyses; no data were qualified on the basis of reference material recoveries.

One aliquot of ERA Lot No. 565, a water reference material prepared by ERA, was submitted for analysis of 23 SVOCs in conjunction with surface water samples. Ten of 23 recoveries for this reference material met the criteria for acceptable performance, and 10 recoveries were just below the ERAs suggested control limits (approximately equal to the 95 percent confidence interval). No sample results were qualified because no target analytes were detected in the samples, and the matrix spike and LCS recoveries reported by the laboratory were acceptable.

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Tables

TABLE 3-1. SUMMARY OF FIELD SAMPLES AND ANALYSES CONDUCTED FOR EACH STUDY AT THE LCP SITE

Study	Analyte	Number of Samples: Total Samples	Natural Samples	Field QC Samples: Duplicates	Blanks	SRMs	Laboratory
Water Column Study (water samples collected June 26, 1996 and oysters collected June 10, 1996 and September 11–12, 1996)							
Surface Water Analyses							
	Total mercury (total and dissolved)	13	11	1	1		Cebam
	Methylmercury (total and dissolved)	13	11	1	1		Cebam
	TSS	13	11	1	1		Cebam
	TAL metals (except mercury)	12	11			1	Kemron
	Cyanide	11	11				Kemron
	TCL SVOC	13	11	1		1	Kemron
	TCL pesticides/PCBs + Aroclor® 1268	13	11	1		1	Kemron
Oyster Tissue Samples							
	Total mercury	50	50				Cebam
	Methylmercury	50	50				Cebam
	Total solids	99	99				Cebam, CAS
	TAL metals (except mercury)	49	49				CAS
	TCL SVOC	16	16				CAS
	TCL pesticides/PCBs + Aroclor® 1268	28	28				CAS
Benthic Organisms							
Creek channel surface sediment (samples collected June 14 and 17, 1996)							
	Total mercury	8	7	1			CAS
	Lead	8	7	1			CAS
	Solids	8	7	1			CAS
	Total PCBs + Aroclor® 1268	8	7	1			CAS
	TOC	8	7	1			CAS
	Grain size	8	7	1			CAS
Marsh grid sampling and reference areas (samples collected June 17–25, 1996)							
	Total mercury	115	107	5		3	CAS
	Total PCBs + Aroclor® 1268	115	107	5		3	CAS
	PAHs	55	52	2		1	CAS
	Lead	115	107	5		3	CAS
	Ammonia	62	59	3			CAS
	Total sulfides	54	52	2			CAS
	Grain size	112	107	5			CAS
	TOC	112	107	5			CAS
	Total Solids	112	107	5			CAS
Fine scale variablilty samples (samples collected June 20, 1996)							
	Total mercury	21	20			1	CAS
	Total PCBs + Aroclor® 1268	20	20				CAS
	Total Solids	20	20				CAS
Multidepth Sediment (samples collected May 15–22 and July 13–15, 1996)							
	Total mercury	163	153	7		3	CAS
	Methylmercury	87	80	7			FGS
	PCB congeners	17	16	1			TLI
	Solids	160	153	7			CAS
	TOC	160	153	7			CAS
	Grain size	159	152	7			CAS
	TAL metals	163	153	7		3	CAS
	Cyanide	159	152	7			CAS
	TCL SVOC	163	153	7		3	CAS
	TCL pesticides/PCBs + Aroclor® 1268	163	153	7		3	CAS

TABLE 3-1. (cont.)

Study	Analyte	Number of Samples: Total Samples	Natural Samples	Field QC Samples: Duplicates	Blanks	SRMs	Laboratory
Preliminary Sampling (samples collected January 24–30, 1996)							
Surface water[a]							
	Total mercury (total and dissolved)	20	19		1		FGS
	Methylmercury (total and dissolved)	20	19		1		FGS
	TSS	19	19				FGS
Sediment							
	Total mercury	2	2				Cebam
	Methylmercury	2	2				Cebam
	Solids	2	2				Cebam
	PCB congeners	4	4				Alta
	Total mercury	26	22	2	2		CAS
	Total PCBs + Aroclor® 1268	26	22	2	2		CAS
	TOC	24	22	2			CAS
	Solids	22	20	2			CAS
Littorina							
	PCB congeners	1	1				Alta
Grass-shrimp							
	PCB congeners	1	1				Alta
Spartina							
	PCB congeners	1	1				Alta
Anodes							
	PCB congeners	2	2				Alta
Chronic Sediment Toxicity Tests							
Sediment toxicity tests (dilution series) (samples collected May 14, 1996)							
	Total mercury	17	17				CAS
	Methylmercury	14	14				FGS
	Solids	17	17				CAS
	TOC	17	17				CAS
	Grain size	17	17				CAS
	Ammonia	17	17				CAS
	Total sulfide	17	17				CAS
	TAL metals	17	17				CAS
	Cyanide	17	17				CAS
	TCL SVOC	17	17				CAS
	TCL pesticides/PCBs + Aroclor® 1268	17	17				CAS
Mercury Methylation (samples collected June 18–27, 1996)							
	Total mercury (total and dissolved)	63	63				Cebam
	Methylmercury (total and dissolved	63	63				Cebam
	TSS	63	63				Cebam
Food Web							
Dominant Food Items (samples collected June 25–28, 1996)							
Spartina							
	Solids	6	6				CAS
	Total mercury	6	6				Cebam
	Methylmercury	6	6				Cebam
	Lead	6	6				CAS
	Total PCBs + Aroclor® 1268	6	6				CAS
	PAHs	6	6				CAS

TABLE 3-1. (cont.)

Study	Analyte	Number of Samples: Total Samples	Natural Samples	Field QC Samples: Duplicates	Blanks	SRMs	Laboratory
	Fiddler crabs						
	Lipids	6	6				CAS
	Solids	6	6				CAS
	Total mercury	6	6				Cebam
	Methylmercury	6	6				Cebam
	Lead	6	6				CAS
	Total PCBs + Aroclor® 1268	6	6				CAS
	PAHs	6	6				CAS
	Periwinkles						
	Lipids	6	6				CAS
	Solids	6	6				CAS
	Total mercury	6	6				Cebam
	Methylmercury	6	6				Cebam
	Lead	6	6				CAS
	Total PCBs + Aroclor® 1268	6	6				CAS
	PAHs	6	6				CAS
	Bivalves (oysters)						
	Lipids	3	3				CAS
	Solids	3	3				CAS
	Total mercury	3	3				Cebam
	Methylmercury	3	3				Cebam
	Lead	3	3				CAS
	Total PCBs + Aroclor® 1268	3	3				CAS
	PAHs	3	3				CAS
	Insects						
	Lipids	2	2				CAS
	Solids	2	2				CAS
	Total mercury	2	2				Cebam
	Methylmercury	2	2				Cebam
	Lead	2	2				CAS
	Total PCBs + Aroclor® 1268	2	2				CAS
	PAHs	2	2				CAS
Diamondback Terrapin TRV Development							
	Hatchlings (collected May 24–29, 1996)						
	Total mercury	3	3				Cebam
	Methylmercury	3	3				Cebam
	Lead	3	3				Cebam, CAS
	Total solids	3	3				CAS
	PAHs	3	3				CAS
	PCBs	3	3				CAS
	PCB congeners	1	1				TCI
	Egg (samples collected)						
	Total mercury	1	1				Cebam
	Methylmercury	1	1				Cebam
	Total solids	1	1				Cebam, CAS
	PCBs	1	1				CAS

Footnotes on next page.

TABLE 3-1. (cont.)

Note:	Alta	-	Alta Analytical Laboratory, Inc., El Dorado Hills, CA
	CAS	-	Columbia Analytical Services, Inc., Kelso, WA
	Cebam	-	Cebam Analytical, Inc., Portland, OR
	FGS	-	Frontier Geosciences, Seattle, WA
	GC/MS-SIM	-	gas chromatography/mass spectrometry-selected ion monitoring
	Kemron	-	Kemron Environmental Services, Inc, Marietta, OH
	PAH	-	polycyclic aromatic hydrocarbon
	PCB	-	polychlorinated biphenyl
	QC	-	quality control
	SRM	-	standard reference material
	TAL	-	target analyte list
	TCL	-	target compound list
	TCL PEST/PCB	-	TCL pesticides and polychlorinated biphenyls
	TCL SVOC	-	TCL semivolatile organic compound
	TLI	-	Triangle Laboratories, Inc., Durham, NC
	TOC	-	total organic carbon
	TSS	-	total suspended solids

[a] Field splits of two samples were sent to Cebam for analysis of total mercury, methylmercury, and TSS.

TABLE 3-2. SUMMARY OF SAMPLE PREPARATION AND ANALYSIS METHODS

Analysis	Sample Preparation Method Number	Sample Preparation Technique	Sample Analysis Method Number	Sample Analysis Technique	Method Modification	Laboratory
SEDIMENT SAMPLES						
Conventional Parameters						
Ammonia-nitrogen	Plumb (1981)	Extraction with 2M KCl	EPA 350.1	Colorimetry	--	CAS
Total sulfides	Plumb (1981)	Distillation/zinc acetate trap	EPA 9030M	Colorimetry	Colorimetric determination	CAS
Total organic carbon	ASTM D4129-82M	Combustion	ASTM D4129-82M	Coulometry	analysis of sediment	CAS
Particle size	PSEP 1986	Desiccation	PSEP 1986	Sieve and pipet analysis/gravimetry	--	CAS
Total solids	EPA 160.3M	Desiccation, 105°C	EPA 160.3M	Gravimetry	--	CAS
Cyanide	EPA 335.2 M	Distillation	EPA 335.2 M	Colorimetry	Analysis of sediment	CAS
Metals						
TAL metals (except mercury)	EPA 3050	Strong acid digestion	EPA 6010 and 7000-series	ICP-AES and GFAA	--	CAS
Total mercury	EPA 7471	Acid/permanganate oxidation	EPA 7471	CVAA	--	CAS
Lead	EPA 3050	Strong acid digestion	EPA 7421	GFAA	--	CAS
Methylmercury	Bloom (1989)	Distillation/aqueous phase ethylation	Bloom (1989)	CVAFS	--	FGS
Extractable Organic Compounds						
TCL semivolatile ABNs	EPA 3550	Ultrasonic extraction	EPA 8270	GC/MS	--	CAS
PAHs	EPA 3550	Ultrasonic extraction	EPA 8270	GC/MS-SIM	--	CAS
TCL pesticides/PCBs	EPA 3550	Ultrasonic extraction	EPA 8080M	GC/ECD	Run time extended to accommodate Aroclor® 1268	CAS
Total PCBs + Aroclor® 1268	EPA 3550	Ultrasonic extraction	EPA 8080M	GC/ECD	Run time extended to accommodate Aroclor® 1268	CAS
PCB congeners	EPA 680	Soxhlet extraction	EPA 680 M	HRGC/HRMS-SIM	Use of HRGC/HRMS	TLI
TISSUE SAMPLES						
Conventional Parameters						
Total solids	EPA 160.3M	Desiccation, 105°C	EPA 160.3M	Gravimetry	--	CAS, Cebam
Percent lipids	EPA 3550	Ultrasonic extraction	PSEP	Gravimetry	--	CAS
Metals						
Lead	EPA 3050	Strong acid digestion	EPA 7421	GFAA	--	CAS
Total mercury	Bloom and Fitzgerald (1988)	Sample digestion; purge/ gold-coated sand trap	Bloom and Fitzgerald (1988)	CVAFS	--	Cebam
Methylmercury	Bloom (1989)	Distillation/aqueous phase ethylation	Bloom (1989)	CVAFS	--	Cebam
Extractable Organic Compounds						
PAHs	EPA 3550	Ultrasonic extraction	EPA 8270	GC/MS-SIM	Tissue extraction	CAS
Total PCBs + Aroclor® 1268	EPA 3550	Ultrasonic extraction	EPA 8080M	GC/ECD	Tissue extraction; run time extended to accommodate Aroclor® 1268	CAS

TABLE 3-2. (cont.)

Analysis	Sample Preparation Method Number	Sample Preparation Technique	Sample Analysis Method Number	Sample Analysis Technique	Method Modification	Laboratory
WATER SAMPLES						
Conventional Parameters						
Total suspended solids	EPA 160.2	Sample filtration	EPA 160.2	Gravimetry	Use of 0.45 μm polycarbonat membrane filter	CAS
Metals						
TAL metals (except mercury)	EPA 3050	Strong acid digestion	EPA 6010 and 7000-series	ICP and GFAA	--	Kemron
Total mercury	EPA 1631 (1995)	Sample digestion; purge/gold-coated sand trap	EPA 1631 (1995)	CVAFS	--	Cebam
Methylmercury	Bloom (1989)	Distillation/aqueous phase ethylation	Bloom (1989)	CVAFS	--	Cebam
Extractable Organic Compounds						
Semivolatile ABNs	EPA 3520	Liquid/liquid extaction	EPA 8270	GC/MS	--	Kemron
TCL pesticides/PCBs + Aroclor® 1268	EPA 3520	Liquid/liquid extaction	EPA 8080M	GC/ECD	Run time extended to accommodate Aroclor® 1268	Kemron

Note: ABN - acid/base/neutral
CAS - Columbia Analytical Services, Inc., Kelso, WA
Cebam - Cebam Analytical, Inc., Portland, OR
CVAFS - cold vapor atomic fluorescence spectrometry
CVAA - cold vapor atomic absorbtion spectrometry
FGS - Frontier Geosciences, Inc., Seattle, WA
GC/MS-SIM - gas chromatography/mass spectrometry-selected ion monitoring
HRGC/HRMS - high resolution gas chromatography/mass spectrometry
ICP/AES - inductively coupled plasma/atomic emission spectrometry
Kemron - Kemron Environmental Services, Inc, Marietta, OH
PAH - polycyclic aromatic hydrocarbon
PCB - polychlorinated biphenyl
TAL - target analyte list
TLI - Triangle Laboratories, Inc., Durham, NC

TABLE 3-3. TOTAL MERCURY AND METHYLMERCURY CONCENTRATIONS IN EQUIPMENT BLANKS COLLECTED WITH SURFACE WATER SAMPLES

Sample Number	Station	Date	Time	Sample Type	Total Mercury (ng/L)		Methylmercury (ng/L)		Total Suspended Solids (mg/L)
					Total	Dissolved	Total	Dissolved	
Preliminary Sampling - Surface Water									
CRKB-HG20	JAN-B	01/25/96	15:24	BBLANK-W	1.48	1.02	0.0145	0.070 *U*	
Mercury Methylation Study									
MMCS0035	JUN-C	06/21/96	05:16	EBLANK-W	0.20 *U*	0.10 *U*	0.010 *U*	0.010 *U*	1.1
MMCS0036	JUN-C	06/21/96	05:16	BBLANK-W	0.50 *U*	0.30 *U*	0.010 *U*	0.020	0.20 *U*
Surface Water									
WCSW0013	SW-02	06/26/96	13:25	EBLANK-W	0.70 *J*	0.50 *U*	0.040	0.020	0.20 *U*

Note:

BBLANK-W - Bottle blank

EBLANK-W - Environmental blank

TABLE 3-4. SUMMARY OF RESULTS FOR REFERENCE MATERIALS

Sample No.	Analyte	True Value	Sample Result	Percent Recovery
ERA LOT 429 (µg/L)				
WCSW0014C	Aluminum	425	460	108
WCSW0014C	Antimony	155	170	110
WCSW0014C	Arsenic	135	150	111
WCSW0014C	Barium	315	330	105
WCSW0014C	Beryllium	97.5	100	103
WCSW0014C	Cadmium	145	150	103
WCSW0014C	Chromium	335	350	104
WCSW0014C	Cobalt	368	400	109
WCSW0014C	Copper	303	320	106
WCSW0014C	Iron	530	600	113
WCSW0014C	Lead	395	440	111
WCSW0014C	Manganese	305	320	105
WCSW0014C	Nickel	253	260	103
WCSW0014C	Selenium	155	160	103
WCSW0014C	Silver	153	160	105
WCSW0014C	Thallium	72.5	90	124
WCSW0014C	Vanadium	218	220	101
WCSW0014C	Zinc	385	410	106
ERA LOT 565 (µg/L)				
WCSW0014B	1,2-Dichlorobenzene	88.6	19.0	21
WCSW0014B	1,2,4-Trichlorobenzene	91.2	22.0	24
WCSW0014B	2-Methylophenol	66.3	36.0	54
WCSW0014B	2,4-Dinitrotoluene	50.1	24.0	48
WCSW0014B	2,4,5-Trichlorophenol	36.8	50.0 *U*	-- [a]
WCSW0014B	2,4,6-Trichlorophenol	56.2	37.0	66
WCSW0014B	4-Chloro-3-methylphenol	42.7	26.0	61
WCSW0014B	4-Chlorophenyl phenyl ether	62.9	49.0	78
WCSW0014B	Pentachlorophenol	130	79.0	61
WCSW0014B	Acenaphthylene	109	80.0	73
WCSW0014B	Anthracene	78.1	35.0	45
WCSW0014B	bis-2-Ethylhexylphthalate	105	37.0	35
WCSW0014B	Chrysene	64.6	23.0	36
WCSW0014B	Dibenzofuran	91.1	69.0	76
WCSW0014B	di-n-Butyl phthalate	151	115	76
WCSW0014B	Indeno[1,2,3-cd]pyrene	34.9	10.0 *U*	-- [a]
WCSW0014B	Isophorone	50.8	29.0	57
WCSW0014B	Naphthalene	72	20.0	28
WCSW0014B	N-Nitrosodiphenylamine	80.8	79.0	98
WCSW0014B	Phenanthrene	25.5	21.0	82
WCSW0014B	Phenol	88.6	57.0	64
WCSW0014B	Pyrene	139	81.0	58
WCSW0014B	Benzo[b]fluoranthene	33.4	10.0	30
ERA LOTS 569 + 571 (µg/L)				
WCSW0014A	a-Hexachlorocyclohexane	2.12	1.7	80
WCSW0014A	b-Hexachlorocyclohexane	7.16	10.0	140
WCSW0014A	Aldrin	0.973	0.64	66
WCSW0014A	Dieldrin	4.92	4.3	87
WCSW0014A	Heptachlor epoxide	7.29	6.5	89
WCSW0014A	Heptachlor	3.61	2.2	61
WCSW0014A	Methoxychlor	6.01	5.9	98
WCSW0014A	Aroclor® 1260	7.12	5.5	77

TABLE 3-4. (cont.)

Sample No.	Analyte	True Value	Sample Result	Percent Recovery
WCSW0014A	p,p'-DDD	5.28	4.9	93
WCSW0014A	p,p'-DDE	4.39	3.0	68
WCSW0014A	p,p'-DDT	3.02	2.2	73
BCSS-1 (mg/kg)				
Aliquot 1				
BOSD0347	Antimony	0.59	0.050	8.5
BOSD0347	Arsenic	11.1	9.2	83
BOSD0347	Beryllium	1.3	0.63	48
BOSD0347	Cadmium	0.25	0.36	144
BOSD0347	Chromium	123	42.0	34
BOSD0347	Cobalt	11.4	9.7	85
BOSD0347	Copper	18.5	15.1	82
BOSD0347	Lead	22.7	20.9	92
BOSD0347	Manganese	229	171	75
BOSD0347	Nickel	55.3	46.5	84
BOSD0347	Selenium	0.43	2.0 *U*	-- [a]
BOSD0347	Vanadium	93.4	36.0	39
BOSD0347	Zinc	119	93.0	78
Aliquot 2				
BOSD0348	Antimony	0.59	0.13	22
BOSD0348	Arsenic	11.1	7.6	68
BOSD0348	Beryllium	1.3	0.54	42
BOSD0348	Cadmium	0.25	0.20	80
BOSD0348	Chromium	123	42.0	34
BOSD0348	Cobalt	11.4	8.0	70
BOSD0348	Copper	18.5	12.6	68
BOSD0348	Lead	22.7	19.5	86
BOSD0348	Manganese	229	178	78
BOSD0348	Nickel	55.3	38.2	69
BOSD0348	Selenium	0.43	2.0 *U*	-- [a]
BOSD0348	Vanadium	93.4	39.0	42
BOSD0348	Zinc	119	91.0	76
Aliquot 3				
BOSD0349	Antimony	0.59	0.13	22
BOSD0349	Arsenic	11.1	8.0	72
BOSD0349	Beryllium	1.3	0.56	43
BOSD0349	Cadmium	0.25	0.24	96
BOSD0349	Chromium	123	42.0	34
BOSD0349	Cobalt	11.4	8.2	72
BOSD0349	Copper	18.5	13.1	71
BOSD0349	Lead	22.7	19.9	88
BOSD0349	Manganese	229	177	77
BOSD0349	Nickel	55.3	39.5	71
BOSD0349	Selenium	0.43	2.0 *U*	-- [a]
BOSD0349	Vanadium	93.4	38.0	41
BOSD0349	Zinc	119	91.0	76
HS-2 (μg/kg)				
Aliquot 1				
BOSD0342	Aroclor® 1254	111.8	100 *U*	-- [a]
Aliquot 2				
BOSD0343	Aroclor® 1254	111.8	50 *U*	-- [a]

TABLE 3-4. (cont.)

Sample No.	Analyte	True Value	Sample Result	Percent Recovery
Aliquot 3				
FFDA0165	Aroclor® 1254	111.8	150 *U*	-- [a]
Aliquot 4				
FFDA0166	Aroclor® 1254	111.8	70 *U*	-- [a]
Aliquot 5				
FFDA0167	Aroclor® 1254	111.8	110	98
NIST-1941A (μg/kg)				
BOSD0338	p,p'-DDD	5.06	20 *U*	-- [a]
BOSD0338	p,p'-DDE	6.59	20 *U*	-- [a]
PACS-1 (mg/kg)				
Aliquot 1				
BOSD0339	Mercury	4.57	5.0	109
Aliquot 2				
BOSD0340	Mercury	4.57	4.6	101
Aliquot 3				
BOSD0341	Mercury	4.57	4.6	101
Aliquot 4				
FFDA0161	Lead	404	345	85
FFDA0161	Mercury	4.57	4.7	103
Aliquot 5				
FFDA0162	Lead	404	341	84
FFDA0162	Mercury	4.57	4.7	102
Aliquot 6				
FFDA0163	Lead	404	365	90
FFDA0163	Mercury	4.57	4.6	102
Aliquot 7				
FFDA0164	Mercury	4.57	4.8	104
SES-1 (μg/kg)				
Aliquot 1				
BOSD0344	Dibenz[a,h]anthracene	0.6	0.75	125
BOSD0344	Acenaphthene	0.59	0.050	8.5
BOSD0344	Anthracene	0.02	0.30 *U*	-- [a]
BOSD0344	Benz[a]anthracene	0.5	0.20	40
BOSD0344	Benzo[a]pyrene	0.15	0.050	33
BOSD0344	Benzo[ghi]perylene	0.69	0.81	117
BOSD0344	Chrysene	1.1	0.77	70
BOSD0344	Fluoranthene	1.35	1.1	81
BOSD0344	Fluorene	0.55	0.10	18
BOSD0344	Indeno[1,2,3-cd]pyrene	0.8	0.82	103
BOSD0344	Naphthalene	1.7	0.50	29
BOSD0344	Phenanthrene	1.05	0.81	77
BOSD0344	Pyrene	2.4	1.3	53
Aliquot 2				
BOSD0345	Dibenz[a,h]anthracene	0.6	0.7	117
BOSD0345	Acenaphthene	0.59	1.0 *U*	-- [a]
BOSD0345	Anthracene	0.02	1.0 *U*	-- [a]
BOSD0345	Benz[a]anthracene	0.5	0.20	40
BOSD0345	Benzo[a]pyrene	0.15	0.050	33
BOSD0345	Benzo[ghi]perylene	0.69	0.70	101
BOSD0345	Chrysene	1.1	0.80	73

TABLE 3-4. (cont.)

Sample No.	Analyte	True Value	Sample Result	Percent Recovery
BOSD0345	Fluoranthene	1.35	1.1	79
BOSD0345	Fluorene	0.55	0.20	36
BOSD0345	Indeno[1,2,3-cd]pyrene	0.8	0.80	100
BOSD0345	Naphthalene	1.7	0.60	35
BOSD0345	Phenanthrene	1.05	0.80	76
BOSD0345	Pyrene	2.4	1.00	42
Aliquot 3				
BOSD0346	Dibenz[a,h]anthracene	0.6	0.70	117
BOSD0346	Acenaphthene	0.59	0.90 *U*	-- [a]
BOSD0346	Anthracene	0.02	0.90 *U*	-- [a]
BOSD0346	Benz[a]anthracene	0.5	0.20	40
BOSD0346	Benzo[a]pyrene	0.15	0.060	40
BOSD0346	Benzo[ghi]perylene	0.69	0.80	116
BOSD0346	Chrysene	1.1	0.80	73
BOSD0346	Fluoranthene	1.35	1.2	89
BOSD0346	Fluorene	0.55	0.90 *U*	-- [a]
BOSD0346	Indeno[1,2,3-cd]pyrene	0.8	0.80	100
BOSD0346	Naphthalene	1.7	0.20	12
BOSD0346	Phenanthrene	1.05	0.80	76
BOSD0346	Pyrene	2.4	1.1	46
Aliquot 4				
FFDA0168	Dibenz[a,h]anthracene	0.6	0.690	115
FFDA0168	Acenaphthene	0.59	0.0330	5.6
FFDA0168	Anthracene	0.02	0.0050 *U*	-- [a]
FFDA0168	Benz[a]anthracene	0.5	0.179	36
FFDA0168	Benzo[a]pyrene	0.15	0.0330	22
FFDA0168	Benzo[ghi]perylene	0.69	0.629	91
FFDA0168	Chrysene	1.1	0.627	57
FFDA0168	Fluoranthene	1.35	0.785	58
FFDA0168	Fluorene	0.55	0.135	25
FFDA0168	Indeno[1,2,3-cd]pyrene	0.8	0.89	111
FFDA0168	Naphthalene	1.7	0.446	26
FFDA0168	Phenanthrene	1.05	0.781	74
FFDA0168	Pyrene	2.4	1.50	63

Notes:

ERA LOT 429, Environmental Resource Associates, water reference material

ERA LOT 565, Environmental Resource Associates, water reference material

ERLOT569+571, Environmental Resource Associates, water reference material

BCSS-1, National Research Council of Canada (NRCC), Estuarine Sediment form the Gulf of St. Lawrence

HS-2, NRCC, Nova Scotian harbor sediment

NIST-1941A, National Institute of Standards and Technology, sediment reference material

PACS-1, NRCC, sediment from Esquimalt Harbor, BC

SES-1, NRCC, Estuarine sediment for polycyclic aromatic hydrocarbons

[a] Recovery could not be calculated because the analyte was undetected in the sample.

Section 3.1

Surface Water and Oyster Tissue Data Validation Summary and Data Qualifier Summary

TABLE 3.1-1. SUMMARY OF QUALITY CONTROL CHECKS—METALS IN SURFACE WATER SAMPLES

Quality Control Check	Status	Comment
Completeness	100 percent complete	496 results reported; no results were rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using methods described in the quality assurance project plan (PTI 1996)
Instrument performance	Acceptable	
Calibration	Acceptable	Control limits were met
Method blank	Acceptable	Control limits were met
Accuracy (bias or recovery)		
Matrix spike samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	Control limits were met
Accuracy (precision)	Acceptable	Control limits were met
Method reporting limits	Acceptable	Method reporting limits met data quality objectives; reporting limits for some samples were elevated because of sample matrix interferences
Field quality control samples	Acceptable	
Standard reference material	Acceptable	Results discussed in *Field Quality Control Samples* section of report
OVERALL ASSESSMENT	**ACCEPTABLE**	**No data were qualified or rejected**

TABLE 3.1-2. SUMMARY OF QUALITY CONTROL CHECKS—MERCURY, METHYLMERCURY, AND TOTAL SUSPENDED SOLIDS IN SURFACE WATER SAMPLES

Quality Control Check	Status	Comment
Completeness	100 percent complete	60 results reported; no results were rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using methods described in the quality assurance project plan (PTI 1996)
Instrument performance	Acceptable	
Calibration	Acceptable	Control limits were met
Method blank	Acceptable	Control limits were met
Accuracy (bias or recovery)		
Matrix spike samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	Control limits were met
Accuracy (precision)	Acceptable	Control limits were met
Method reporting limits	Acceptable	Data quality objectives were met
Field quality control samples		
Field blanks	Acceptable	2 dissolved mercury results restated as undetected (*U*) because of possible contamination during sampling
OVERALL ASSESSMENT	**ACCEPTABLE**	**No data were qualified or rejected**

TABLE 3.1-3. SUMMARY OF QUALITY CONTROL CHECKS—SEMIVOLATILE ORGANIC COMPOUNDS IN SURFACE WATER SAMPLES

Quality Control Check	Status	Comment
Completeness	100 percent complete	768 results reported; no results were rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using SW-846 Method 8270 (GC/MS) as described in the quality assurance project plan (PTI 1996)
Instrument performance	Acceptable	
Calibration	Acceptable;	10 results qualified as estimated (*J*) because the control limit for continuing calibration verification (25 percent difference) was not met for specific compounds
Method blank	Acceptable	Control limits were met
Accuracy (bias or recovery)		
Surrogate compounds	Acceptable	Control limits were met
Matrix spike samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	Control limits were met
Accuracy (precision)	Acceptable	Control limits were met
Method reporting limits	Acceptable	Data quality objectives were met
Field quality control samples		
Field replicates	Acceptable	
Standard reference material	Acceptable	Results discussed in *Field Quality Control Samples* section of report
OVERALL ASSESSMENT	**ACCEPTABLE**	**Qualifiers were added to selected results; see section noted above**

TABLE 3.1-4. SUMMARY OF QUALITY CONTROL CHECKS—PESTICIDES AND PCBs IN SURFACE WATER

Quality Control Check	Status	Comment
Completeness	100 percent complete	324 results reported; no results were rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using GC/ECD as described in the quality assurance project plan (PTI 1996)
Instrument performance	Acceptable	
Calibration	Acceptable	Control limits were met
Method blank	Acceptable	Control limits were met
Accuracy (bias or recovery)		
Surrogate compounds	Acceptable	Control limits were met
Matrix spike samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	12 alpha and beta endosulfan results qualified as estimated (*J*) because of low LCS recoveries
Accuracy (precision)	Acceptable	Control limits were met
Method reporting limits	Acceptable	Data quality objectives were met
Field quality control samples	Acceptable	
Field replicates	Acceptable	
Standard reference material	Acceptable	Results discussed in *Field Quality Control Samples* section of report
OVERALL ASSESSMENT	**ACCEPTABLE**	**Qualifiers were added to selected results; see section noted above**

TABLE 3.1-5. SUMMARY OF QUALIFIED DATA—SURFACE WATER SAMPLES

Analytes	Number of Results				Number of Undetected Values Qualified		
						Control Limit Exceeded	
	Total	Analyte Detected	Analyte Undetected	Total Qualified	Total Qualified	Instrument Calibration	LCS Recoveries Below Control Limit
Metals							
Aluminum, dissolved	11	2	9	--	--	--	--
Aluminum, whole	11	11	--	--	--	--	--
Antimony, dissolved	11	--	11	--	--	--	--
Antimony, whole	11	--	11	--	--	--	--
Arsenic, dissolved	11	--	11	--	--	--	--
Arsenic, whole	11	5	6	--	--	--	--
Barium, dissolved	11	11	--	--	--	--	--
Barium, whole	11	11	--	--	--	--	--
Beryllium, dissolved	11	--	11	--	--	--	--
Beryllium, whole	11	--	11	--	--	--	--
Cadmium, dissolved	11	--	11	--	--	--	--
Cadmium, whole	11	--	11	--	--	--	--
Calcium, dissolved	11	11	--	--	--	--	--
Calcium, whole	11	11	--	--	--	--	--
Chromium, dissolved	11	--	11	--	--	--	--
Chromium, whole	11	--	11	--	--	--	--
Cobalt, dissolved	11	--	11	--	--	--	--
Cobalt, whole	11	--	11	--	--	--	--
Copper, dissolved	11	--	11	--	--	--	--
Copper, whole	11	--	11	--	--	--	--
Cyanide, whole	12	--	12	--	--	--	--
Iron, dissolved	11	2	9	--	--	--	--
Iron, whole	11	11	--	--	--	--	--
Lead, dissolved	11	--	11	--	--	--	--
Lead, whole	11	--	11	--	--	--	--
Magnesium, dissolved	11	11	--	--	--	--	--
Magnesium, whole	11	11	--	--	--	--	--
Manganese, dissolved	11	6	5	--	--	--	--
Manganese, whole	11	8	3	--	--	--	--
Total mercury, dissolved	12	12	--	--	--	--	--
Total mercury, whole	12	12	--	--	--	--	--
Methylmercury, dissolved	12	12	--	--	--	--	--
Methylmercury, whole	12	12	--	--	--	--	--
Nickel, dissolved	11	--	11	--	--	--	--
Nickel, whole	11	--	11	--	--	--	--
Potassium, dissolved	11	11	--	--	--	--	--
Potassium, whole	11	11	--	--	--	--	--
Selenium, dissolved	11	--	11	--	--	--	--
Selenium, whole	11	--	11	--	--	--	--
Silver, dissolved	11	--	11	--	--	--	--
Silver, whole	11	--	11	--	--	--	--
Sodium, dissolved	11	11	--	--	--	--	--
Sodium, whole	11	11	--	--	--	--	--
Thallium, dissolved	11	--	11	--	--	--	--
Thallium, whole	11	--	11	--	--	--	--
Vanadium, dissolved	11	--	11	--	--	--	--

TABLE 3.1-5. (cont.)

Analytes	Number of Results: Total	Number of Results: Analyte Detected	Number of Results: Analyte Undetected	Number of Results: Total Qualified	Number of Undetected Values Qualified: Total Qualified	Control Limit Exceeded: Instrument Calibration	Control Limit Exceeded: LCS Recoveries Below Control Limit
Vanadium, whole	11	2	9	--	--	--	--
Zinc, dissolved	11	1	10	--	--	--	--
Zinc, whole	11	4	7	--	--	--	--
Total suspended solids, whole	12	12	--	--	--	--	--
Subtotal:	**556**	**222**	**334**	**0**	**0**	**0**	**0**
Semivolatile Organic Compounds							
Chlorinated Aromatic Hydrocarbons							
1,2-Dichlorobenzene	12	--	12	--	--	--	--
1,3-Dichlorobenzene	12	--	12	--	--	--	--
1,4-Dichlorobenzene	12	--	12	--	--	--	--
1,2,4-Trichlorobenzene	12	--	12	--	--	--	--
2-Chloronaphthalene	12	--	12	--	--	--	--
Hexachlorobenzene	12	--	12	--	--	--	--
Low Molecular Weight Polycyclic Aromatic Hydrocarbons							
Naphthalene	12	--	12	--	--	--	--
Acenaphthylene	12	--	12	--	--	--	--
Acenaphthene	12	--	12	--	--	--	--
Fluorene	12	--	12	--	--	--	--
Phenanthrene	12	--	12	--	--	--	--
Anthracene	12	--	12	--	--	--	--
2-Methylnaphthalene	12	--	12	--	--	--	--
High Molecular Weight Polycyclic Aromatic Hydrocarbons							
Fluoranthene	12	--	12	--	--	--	--
Pyrene	12	--	12	--	--	--	--
Benz[a]anthracene	12	--	12	--	--	--	--
Chrysene	12	--	12	--	--	--	--
Total benzofluoranthenes (b + k	12	--	12	--	--	--	--
Benz[a]pyrene	12	--	12	--	--	--	--
Indeno[1,2,3-cd]pyrene	12	--	12	1	1	1	--
Dibenz[a,h]anthracene	12	--	12	4	4	4	--
Benzo[ghi]perylene	12	--	12	3	3	3	--
Phenols							
Phenol	12	--	12	--	--	--	--
2-Methylphenol	12	--	12	--	--	--	--
4-Methylphenol	12	--	12	--	--	--	--
2,4-Dimethylphenol	12	--	12	--	--	--	--
Substituted Phenols							
2-Chlorophenol	12	--	12	--	--	--	--
2,4-Dichlorophenol	12	--	12	--	--	--	--
4-Chloro-3-methylphenol	12	--	12	--	--	--	--
2,4,6-Trichlorophenol	12	--	12	--	--	--	--
2,4,5-Trichlorophenol	12	--	12	--	--	--	--
Pentachlorophenol	12	--	12	--	--	--	--
2-Nitrophenol	12	--	12	--	--	--	--
4-Nitrophenol	12	--	12	--	--	--	--
2,4-Dinitrophenol	12	--	12	--	--	--	--
4,6-Dinitro-2-methylphenol	12	--	12	--	--	--	--

TABLE 3.1-5. (cont.)

Analytes	Number of Results				Number of Undetected Values Qualified		
						Control Limit Exceeded	
	Total	Analyte Detected	Analyte Undetected	Total Qualified	Total Qualified	Instrument Calibration	LCS Recoveries Below Control Limit
Chlorinated Aliphatic Hydrocarbons							
Hexachloroethane	12	--	12	1	1	1	--
Hexachlorobutadiene	12	--	12	--	--	--	--
Hexachlorocyclopentadiene	12	--	12	--	--	--	--
Halogenated Ethers							
Bis[2-chloro-ethyl]ether	12	--	12	--	--	--	--
Bis(2-chloro-isopropyl) ether	12	--	12	--	--	--	--
4-Chlorophenylphenyl ether	12	--	12	--	--	--	--
4-Bromophenylphenyl ether	12	--	12	--	--	--	--
Bis(2-chloro-ethoxy)methane	12	--	12	--	--	--	--
Phthalates							
Dimethylphthalate	12	--	12	--	--	--	--
Diethylphthalate	12	--	12	--	--	--	--
Di-*n*-butylphthalate	12	--	12	1	1	1	--
Butylbenzylphthalate	12	--	12	--	--	--	--
Bis[2-ethylhexyl]phthalate	12	--	12	--	--	--	--
Di-*n*-octylphthalate	12	--	12	--	--	--	--
Miscellaneous Oxygenated Compounds							
Isophorone	12	--	12	--	--	--	--
Dibenzofuran	12	--	12	--	--	--	--
Benzyl alcohol	12	--	12	--	--	--	--
Benzoic acid	12	--	12	--	--	--	--
Organonitrogen Compounds							
Nitrobenzene	12	--	12	--	--	--	--
N-nitroso-di-*n*-propylamine	12	--	12	--	--	--	--
2-Nitroaniline	12	--	12	--	--	--	--
3-Nitroaniline	12	--	12	--	--	--	--
4-Nitroaniline	12	--	12	--	--	--	--
2,6-Dinitrotoluene	12	--	12	--	--	--	--
2,4-Dinitrotoluene	12	--	12	--	--	--	--
N-nitrosodiphenylamine	12	--	12	--	--	--	--
4-Chloroaniline	12	--	12	--	--	--	--
3,3'-Dichlorobenzidine	12	--	12	--	--	--	--
Subtotal:	**768**	**0**	**768**	**10**	**10**	**10**	**0**
Pesticides and PCBs							
alpha-Hexachlorocyclohexane	12	--	12	--	--	--	--
beta-Hexachlorocyclohexane	12	--	12	--	--	--	--
delta-Hexachlorocyclohexane	12	--	12	--	--	--	--
gamma-Hexachlorocyclohexane	12	--	12	--	--	--	--
Aldrin	12	--	12	--	--	--	--
Chlordane	12	--	12	--	--	--	--
Dieldrin	12	--	12	--	--	--	--
alpha-Endosulfan	12	--	12	12	12	--	12
beta-Endosulfan	12	--	12	12	12	--	12
Endosulfan sulfate	12	--	12	--	--	--	--
Endrin	12	--	12	--	--	--	--
Endrin ketone	12	--	12	--	--	--	--

TABLE 3.1-5. (cont.)

Analytes	Number of Results				Number of Undetected Values Qualified		
						Control Limit Exceeded	
	Total	Analyte Detected	Analyte Undetected	Total Qualified	Total Qualified	Instrument Calibration	LCS Recoveries Below Control Limit
Heptachlor epoxide	12	--	12	--	--	--	--
Heptachlor	12	--	12	--	--	--	--
Methoxychlor	12	--	12	--	--	--	--
4,4'-DDD	12	--	12	--	--	--	--
4,4'-DDE	12	--	12	--	--	--	--
4,4'-DDT	12	--	12	--	--	--	--
Toxaphene	12	--	12	--	--	--	--
Aroclor® 1016	12	--	12	--	--	--	--
Aroclor® 1221	12	--	12	--	--	--	--
Aroclor® 1232	12	--	12	--	--	--	--
Aroclor® 1242	12	--	12	--	--	--	--
Aroclor® 1248	12	--	12	--	--	--	--
Aroclor® 1254	12	--	12	--	--	--	--
Aroclor® 1260	12	--	12	--	--	--	--
Aroclor® 1268	12	--	12	--	--	--	--
Subtotal:	**324**	**0**	**324**	**24**	**24**	**0**	**24**
TOTALS	**1,648**	**222**	**1,426**	**34**	**34**	**10**	**24**

Note: LCS - laboratory control sample
PCB - polychlorinated biphenyl

TABLE 3.1-6. SUMMARY OF QUALITY CONTROL CHECKS—TAL METALS, METHYLMERCURY, AND TOTAL SOLIDS IN OYSTER TISSUES SAMPLES

Quality Control Check	Status	Comment
Completeness	100 percent complete	1,277 results reported; no results were rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using methods described in the quality assurance project plan (PTI 1996)
Instrument performance	Acceptable	
Calibration	Acceptable	Control limits were met
Method blank	Acceptable	Control limits were met
Accuracy (bias or recovery)		
Matrix spike samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	Control limits were met
Accuracy (precision)	Acceptable	Control limits were met
Method reporting limits	Acceptable	Method reporting limits met data quality objectives
OVERALL ASSESSMENT	**ACCEPTABLE**	***No data were qualified or rejected***

TABLE 3.1-7. SUMMARY OF QUALITY CONTROL CHECKS—SEMIVOLATILE ORGANIC COMPOUNDS IN OYSTER TISSUE SAMPLES

Quality Control Check	Status	Comment
Completeness	100 percent complete	1,072 results reported; no results were rejected
Holding times	Acceptable	Holding time constraints were met with the exception that 1 sample was reextracted past the holding time constraint. A total of 67 results were qualified as estimated (*J*)
Analytical methods	Acceptable	Analyses conducted using EPA SW-846 Method 8270 (GC/MS) as described in the quality assurance project plan (PTI 1996)
Instrument performance	Acceptable	
Calibration	Acceptable	13 results qualified as estimated (*J*) because the 25 percent difference control limit for continuing calibration verification was not met for specific compounds
Method blank	Acceptable	11 results restated as undetected (*U*) and 5 results were qualified as estimated (*J*) because analytes were detected in the method blanks
Accuracy (bias or recovery)		
Surrogate compounds	Acceptable	Control limits were met
Matrix spike samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	Control limits were met
Accuracy (precision)	Acceptable	Control limits were met
Method reporting limits	Acceptable	Data quality objectives were met. 12 results qualified as estimated (*J*) because the reported concentration was greater than the method detection limit, but below the method reporting limit
OVERALL ASSESSMENT	**ACCEPTABLE**	**Qualifiers were added to selected results; see sections noted above**

TABLE 3.1-8. SUMMARY OF QUALITY CONTROL CHECKS—ORGANOCHLORINE PESTICIDES, PCBs, AND LIPIDS IN OYSTER TISSUE SAMPLES

Quality Control Check	Status	Comment
Completeness	100 percent complete	1,372 results reported; no results were rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using GC/ECD as described in the quality assurance project plan (PTI 1996)
Instrument performance	Acceptable	
Calibration	Acceptable	Control limits were met
Method blank	Acceptable	Control limits were met
Accuracy (bias or recovery)		
Surrogate compounds	Acceptable	Control limits were met
Matrix spike samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	Control limits were met
Accuracy (precision)	Acceptable	Control limits were met
Method reporting limits	Acceptable	Data quality objectives were met
OVERALL ASSESSMENT	**ACCEPTABLE**	**No data were qualified or rejected**

TABLE 3.1-9. SUMMARY OF QUALIFIED DATA—OYSTER SAMPLES

	Number of results				Number of detected values qualified						
Analytes	Total	Analyte Detected	Analyte Undetected	Total Qualified	Total Qualified	Below calibration range	Instrument calibration	Holding Times	Blank Contamination	Restated as undetected	Total qualified
Metals											
Aluminum	49	49	--	--	--	--	--	--	--	--	--
Antimony	49	20	29	--	--	--	--	--	--	--	--
Arsenic	49	49	--	--	--	--	--	--	--	--	--
Barium	49	49	--	--	--	--	--	--	--	--	--
Beryllium	49	20	29	--	--	--	--	--	--	--	--
Cadmium	49	49	--	--	--	--	--	--	--	--	--
Calcium	49	49	--	--	--	--	--	--	--	--	--
Chromium	49	49	--	--	--	--	--	--	--	--	--
Cobalt	49	49	--	--	--	--	--	--	--	--	--
Copper	49	49	--	--	--	--	--	--	--	--	--
Iron	49	49	--	--	--	--	--	--	--	--	--
Lead	49	49	--	--	--	--	--	--	--	--	--
Magnesium	49	49	--	--	--	--	--	--	--	--	--
Manganese	49	49	--	--	--	--	--	--	--	--	--
Mercury	50	50	--	--	--	--	--	--	--	--	--
Methyl-mercury	50	50	--	--	--	--	--	--	--	--	--
Nickel	49	49	--	--	--	--	--	--	--	--	--
Potassium	49	49	--	--	--	--	--	--	--	--	--
Selenium	49	23	26	--	--	--	--	--	--	--	--
Silver	49	49	--	--	--	--	--	--	--	--	--
Sodium	49	49	--	--	--	--	--	--	--	--	--
Thallium	49	2	47	--	--	--	--	--	--	--	--
Vanadium	49	49	--	--	--	--	--	--	--	--	--
Zinc	49	49	--	--	--	--	--	--	--	--	--
Total solids	99	99	--	--	--	--	--	--	--	--	--
subtotal:	**1,277**	**1,146**	**131**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TABLE 3.1-9. (cont.)

Analytes	Number of results				Number of detected values qualified						
	Total	Analyte Detected	Analyte Undetected	Total Qualified	Total Qualified	Below calibration range	Instrument calibration	Holding Times	Blank Contamination	Restated as undetected	Total qualified
Semivolatile Organic Compounds											
Chlorinated Aromatic Hydrocarbons											
1,2-Dichlorobenzene	16	--	16	--	--	--	--	--	--	--	1
1,3-Dichlorobenzene	16	--	16	--	--	--	--	--	--	--	1
1,4-Dichlorobenzene	16	--	16	--	--	--	--	--	--	--	1
1,2,4-Trichloro-benzene	16	--	16	--	--	--	--	--	--	--	1
Hexachlorobenzene	16	--	16	--	--	--	--	--	--	--	1
2-Chloronaphthalene	16	--	16	--	--	--	--	--	--	--	1
Low Molecular Weight Polycyclic Aromatic Hydrocarbons											
Naphthalene	16	--	16	1	--	--	--	--	--	--	1
Acenaphthylene	16	--	16	1	--	--	--	--	--	--	1
Acenaphthene	16	--	16	1	--	--	--	--	--	--	1
Fluorene	16	--	16	1	--	--	--	--	--	--	1
Phenanthrene	16	--	16	1	--	--	--	--	--	--	1
Anthracene	16	--	16	1	--	--	--	--	--	--	1
2-Methyl-naphthalene	16	--	16	1	--	--	--	--	--	--	1
High Molecular Weight Polycyclic Aromatic Hydrocarbons											
Fluoranthene	16	1	15	1	1	1	--	1	--	--	--
Pyrene	16	--	16	1	--	--	--	--	--	--	1
Benz[a]anthracene	16	--	16	1	--	--	--	--	--	--	1
Chrysene	16	--	16	1	--	--	--	--	--	--	1
Benzo[b]fluoranthene	16	--	16	1	--	--	--	--	--	--	1
Benzo[k]fluoranthene	16	--	16	1	--	--	--	--	--	--	1
Benzo[a]pyrene	16	--	16	1	--	--	--	--	--	--	1
Indeno[1,2,3-cd]pyrene	16	--	16	1	--	--	--	--	--	--	1
Dibenz[a,h]anthracene	16	--	16	1	--	--	--	--	--	--	1
Benzo[ghi]perylene	16	--	16	1	--	--	--	--	--	--	1
Phenols											
Phenol	16	--	16	1	--	--	--	--	--	--	1
2-Methylphenol	16	--	16	1	--	--	--	--	--	--	1
3- and 4-Methylphenol	16	--	16	1	--	--	--	--	--	--	1
2,4-Dimethylphenol	16	--	16	1	--	--	--	--	--	--	1
Substituted Phenols											
2-Chlorophenol	16	--	16	1	--	--	--	--	--	--	1
2,4-Dichlorophenol	16	--	16	1	--	--	--	--	--	--	1
4-Chloro-3-methylphenol	16	--	16	1	--	--	--	--	--	--	1
2,4,6-Trichlorophenol	16	--	16	1	--	--	--	--	--	--	1

TABLE 3.1-9. (cont.)

Analytes	Number of results				Number of detected values qualified						
	Total	Analyte Detected	Analyte Undetected	Total Qualified	Total Qualified	Below calibration range	Instrument calibration	Holding Times	Blank Contamination	Restated as undetected	Total qualified
2,4,5-Trichlorophenol	16	--	16	1	--	--	--	--	--	--	1
Pentachlorophenol	16	1	15	1	1	1	--	--	--	--	1
2-Nitrophenol	16	--	16	1	--	--	--	--	--	--	1
4-Nitrophenol	16	--	16	1	--	--	--	--	--	--	1
2,4-Dinitrophenol	16	--	16	1	--	--	--	--	--	--	1
2-Methyl-4,6-dinitrophenol	16	--	16	1	--	--	--	--	--	--	1
Chlorinated Aliphatic Hydrocarbons											
Hexachloroethane	16	--	16	1	--	--	--	--	--	--	1
Hexachlorobutadiene	16	--	16	1	--	--	--	--	--	--	1
Hexachlorocyclopentadiene	16	--	16	10	--	--	--	--	--	--	1
Halogenated Ethers											
Bis[2-chloroethyl]ether	16	--	16	1	--	--	--	--	--	--	1
Bis(2-chloroisopropyl)ether	16	--	16	1	--	--	--	--	--	--	1
4-Chlorophenyl phenylether	16	--	16	1	--	--	--	--	--	--	1
4-Bromophenyl phenylether	16	--	16	1	--	--	--	--	--	--	1
Bis(2-chloroethoxy)methane	16	--	16	1	--	--	--	--	--	--	1
Phthalates											
Dimethylphthalate	16	--	16	1	--	--	--	--	--	--	1
Diethylphthalate	16	--	16	1	--	--	--	--	--	--	1
Di-n-butylphthalate	16	--	16	1	--	--	--	--	--	--	1
Butylbenzylphthalate	16	--	16	1	--	--	--	--	--	--	1
Bis[2-ethylhexyl]phthalate	16	5	11	16	11	--	--	--	--	11	5
Di-n-octylphthalate	16	--	16	1	--	--	--	--	--	--	1
Mixcellaneous Oxygenated Compounds											
Isophorone	16	--	16	1	--	--	--	--	--	--	1
Dibenzofuran	16	--	16	1	--	--	--	--	--	--	1
Benzyl alcohol	16	--	16	1	--	--	--	--	--	--	1
Benzoic acid	16	10	6	1	10	10	--	1	--	--	--
Organonitrogen Compounds											
Nitrobenzene	16	--	16	1	--	--	--	--	--	--	1
N-nitrosodimethylamine	16	--	16	1	--	--	--	--	--	--	1
N-nitroso-di-n-propylamine	16	--	16	1	--	--	--	--	--	--	1
Aniline	16	--	16	1	--	--	--	--	--	--	1
2-Nitroaniline	16	--	16	1	--	--	--	--	--	--	1
3-Nitroaniline	16	--	16	1	--	--	--	--	--	--	1
4-Nitroaniline	16	--	16	1	--	--	--	--	--	--	1
2,6-Dinitrotoluene	16	--	16	1	--	--	--	--	--	--	1

TABLE 3.1-9. (cont.)

Analytes	Number of results				Number of detected values qualified						
	Total	Analyte Detected	Analyte Undetected	Total Qualified	Total Qualified	Below calibration range	Instrument calibration	Holding Times	Blank Contamination	Restated as undetected	Total qualified
2,4-Dinitrotoluene	16	--	16	1	--	--	--	--	--	--	1
N-nitrosodiphenylamine	16	--	16	1	--	--	--	--	--	--	1
4-Chloroaniline	16	--	16	1	--	--	--	--	--	--	1
3,3'-Dichlorobenzidine	16	--	16	1	--	--	--	--	--	--	1
subtotal:	**1,072**	**17**	**1,055**	**92**	**23**	**12**	**0**	**2**	**0**	**11**	**69**
Pesticides and PCBs											
alpha-Hexachlorocyclohexane	49	--	49	--	--	--	--	--	--	--	--
beta-Hexachlorocyclohexane	49	--	49	--	--	--	--	--	--	--	--
delta-Hexachlorocyclohexane	49	--	49	--	--	--	--	--	--	--	--
gamma-Hexachlorocyclohexane	49	2	47	--	--	--	--	--	--	--	--
Aldrin	49	--	49	--	--	--	--	--	--	--	--
Chlordane	49	--	49	--	--	--	--	--	--	--	--
Dieldrin	49	5	44	--	--	--	--	--	--	--	--
alpha-Endosulfan	49	--	49	--	--	--	--	--	--	--	--
beta-Endosulfan	49	--	49	--	--	--	--	--	--	--	--
Endosulfan sulfate	49	--	49	--	--	--	--	--	--	--	--
Endrin	49	--	49	--	--	--	--	--	--	--	--
Endrin aldehyde	49	2	47	--	--	--	--	--	--	--	--
Heptachlor epoxide	49	2	47	--	--	--	--	--	--	--	--
Heptachlor	49	2	47	--	--	--	--	--	--	--	--
Methoxychlor	49	--	49	--	--	--	--	--	--	--	--
4,4'-DDD	49	4	45	--	--	--	--	--	--	--	--
4,4'-DDE	49	10	39	--	--	--	--	--	--	--	--
4,4'-DDT	49	2	47	--	--	--	--	--	--	--	--
Toxaphene	49	--	49	--	--	--	--	--	--	--	--
Aroclor® 1016	49	--	49	--	--	--	--	--	--	--	--
Aroclor® 1221	49	--	49	--	--	--	--	--	--	--	--
Aroclor® 1232	49	--	49	--	--	--	--	--	--	--	--
Aroclor® 1242	49	--	49	--	--	--	--	--	--	--	--
Aroclor® 1248	49	--	49	--	--	--	--	--	--	--	--
Aroclor® 1254	49	--	49	--	--	--	--	--	--	--	--
Aroclor® 1260	49	--	49	--	--	--	--	--	--	19	--
Aroclor® 1268	49	26	23	--	--	--	--	--	--	--	--
Lipid	49	49	0	--	--	--	--	--	--	--	--
subtotal:	**1372**	**104**	**1268**	**0**	**0**	**0**	**0**	**0**	**0**	**19**	**0**
TOTALS:	**3,721**	**1,267**	**2,454**	**92**	**23**	**12**	**0**	**2**	**0**	**30**	**69**

TABLE 3.1-9. (cont.)

Analytes	Number of undetected values qualified					
	Holding Times	Blank Contamination	Surrogate recovery	Instrument calibration	LCS recoveries below control limit	Spike recovery
Metals						
Aluminum	--	--	--	--	--	--
Antimony	--	--	--	--	--	--
Arsenic	--	--	--	--	--	--
Barium	--	--	--	--	--	--
Beryllium	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--
Calcium	--	--	--	--	--	--
Chromium	--	--	--	--	--	--
Cobalt	--	--	--	--	--	--
Copper	--	--	--	--	--	--
Iron	--	--	--	--	--	--
Lead	--	--	--	--	--	--
Magnesium	--	--	--	--	--	--
Manganese	--	--	--	--	--	--
Mercury	--	--	--	--	--	--
Methyl-mercury	--	--	--	--	--	--
Nickel	--	--	--	--	--	--
Potassium	--	--	--	--	--	--
Selenium	--	--	--	--	--	--
Silver	--	--	--	--	--	--
Sodium	--	--	--	--	--	--
Thallium	--	--	--	--	--	--
Vanadium	--	--	--	--	--	--
Zinc	--	--	--	--	--	--
Total solids	--	--	--	--	--	--
subtotal:	**0**	**0**	**0**	**0**	**0**	**0**

TABLE 3.1-9. (cont.)

Analytes	Number of undetected values qualified					
	Holding Times	Blank Contamination	Surrogate recovery	Instrument calibration	LCS recoveries below control limit	Spike recovery
Semivolatile Organic Compounds						
Chlorinated Aromatic Hydrocarbons						
1,2-Dichlorobenzene	1	--	--	--	--	--
1,3-Dichlorobenzene	1	--	--	--	--	--
1,4-Dichlorobenzene	1	--	--	--	--	--
1,2,4-Trichloro-benzene	1	--	--	--	--	--
Hexachlorobenzene	1	--	--	--	--	--
2-Chloronaphthalene	1	--	--	--	--	--
Low Molecular Weight Polycyclic Aromatic Hydrocarbons						
Naphthalene	1	--	--	--	--	--
Acenaphthylene	1	--	--	--	--	--
Acenaphthene	1	--	--	--	--	--
Fluorene	1	--	--	--	--	--
Phenanthrene	1	--	--	--	--	--
Anthracene	1	--	--	--	--	--
2-Methyl-naphthalene	1	--	--	--	--	--
High Molecular Weight Polycyclic Aromatic Hydrocarbons						
Fluoranthene	--	--	--	--	--	--
Pyrene	1	--	--	--	--	--
Benz[a]anthracene	1	--	--	--	--	--
Chrysene	1	--	--	--	--	--
Benzo[b]fluoranthene	1	--	--	--	--	--
Benzo[k]fluoranthene	1	--	--	--	--	--
Benzo[a]pyrene	1	--	--	--	--	--
Indeno[1,2,3-cd]pyrene	1	--	--	--	--	--
Dibenz[a,h]anthracene	1	--	--	--	--	--
Benzo[ghi]perylene	1	--	--	--	--	--
Phenols						
Phenol	1	--	--	--	--	--
2-Methylphenol	1	--	--	--	--	--
3- and 4-Methylphenol	1	--	--	--	--	--
2,4-Dimethylphenol	1	--	--	--	--	--
Substituted Phenols						
2-Chlorophenol	1	--	--	--	--	--
2,4-Dichlorophenol	1	--	--	--	--	--
4-Chloro-3-methylphenol	1	--	--	--	--	--
2,4,6-Trichlorophenol	1	--	--	--	--	--

TABLE 3.1-9. (cont.)

Analytes	Number of undetected values qualified					
	Holding Times	Blank Contamination	Surrogate recovery	Instrument calibration	LCS recoveries below control limit	Spike recovery
2,4,5-Trichlorophenol	1	--	--	--	--	--
Pentachlorophenol	1	--	--	--	--	--
2-Nitrophenol	1	--	--	--	--	--
4-Nitrophenol	1	--	--	--	--	--
2,4-Dinitrophenol	1	--	--	--	--	--
2-Methyl-4,6-dinitrophenol	1	--	--	1	--	--
Chlorinated Aliphatic Hydrocarbons					--	--
Hexachloroethane	1	--	--	--	--	--
Hexachlorobutadiene	1	--	--	--	--	--
Hexachlorocyclopentadiene	1	--	--	10	--	--
Halogenated Ethers				--	--	--
Bis[2-chloroethyl]ether	1	--	--	--	--	--
Bis(2-chloroisopropyl)ether	1	--	--	1	--	--
4-Chlorophenyl phenylether	1	--	--	--	--	--
4-Bromophenyl phenylether	1	--	--	--	--	--
Bis(2-chloroethoxy)methane	1	--	--	--	--	--
Phthalates						
Dimethylphthalate	1	--	--	--	--	--
Diethylphthalate	1	--	--	--	--	--
Di-n-butylphthalate	1	--	--	--	--	--
Butylbenzylphthalate	1	--	--	--	--	--
Bis[2-ethylhexyl]phthalate	1	5	--	--	--	--
Di-n-octylphthalate	1	--	--	--	--	--
Mixcellaneous Oxygenated Compounds						
Isophorone	1	--	--	--	--	--
Dibenzofuran	1	--	--	--	--	--
Benzyl alcohol	1	--	--	--	--	--
Benzoic acid	--	--	--	--	--	--
Organonitrogen Compounds						
Nitrobenzene	1	--	--	--	--	--
N-nitrosodimethylamine	1	--	--	--	--	--
N-nitroso-di-n-propylamine	1	--	--	--	--	--
Aniline	1	--	--	--	--	--
2-Nitroaniline	1	--	--	--	--	--
3-Nitroaniline	1	--	--	--	--	--
4-Nitroaniline	1	--	--	1	--	--
2,6-Dinitrotoluene	1	--	--	--	--	--

TABLE 3.1-9. (cont.)

Analytes	Number of undetected values qualified					
	Holding Times	Blank Contamination	Surrogate recovery	Instrument calibration	LCS recoveries below control limit	Spike recovery
2,4-Dinitrotoluene	1	--	--	--	--	--
N-nitrosodiphenylamine	1	--	--	--	--	--
4-Chloroaniline	1	--	--	--	--	--
3,3'-Dichlorobenzidine	1	--	--	--	--	--
subtotal:	**65**	**5**	**0**	**13**	**0**	**0**
Pesticides and PCBs						
alpha-Hexachlorocyclohexane	--	--	--	--	--	--
beta-Hexachlorocyclohexane	--	--	--	--	--	--
delta-Hexachlorocyclohexane	--	--	--	--	--	--
gamma-Hexachlorocyclohexane	--	--	--	--	--	--
Aldrin	--	--	--	--	--	--
Chlordane	--	--	--	--	--	--
Dieldrin	--	--	--	--	--	--
alpha-Endosulfan	--	--	--	--	--	--
beta-Endosulfan	--	--	--	--	--	--
Endosulfan sulfate	--	--	--	--	--	--
Endrin	--	--	--	--	--	--
Endrin aldehyde	--	--	--	--	--	--
Heptachlor epoxide	--	--	--	--	--	--
Heptachlor	--	--	--	--	--	--
Methoxychlor	--	--	--	--	--	--
4,4'-DDD	--	--	--	--	--	--
4,4'-DDE	--	--	--	--	--	--
4,4'-DDT	--	--	--	--	--	--
Toxaphene	--	--	--	--	--	--
Aroclor® 1016	--	--	--	--	--	--
Aroclor® 1221	--	--	--	--	--	--
Aroclor® 1232	--	--	--	--	--	--
Aroclor® 1242	--	--	--	--	--	--
Aroclor® 1248	--	--	--	--	--	--
Aroclor® 1254	--	--	--	--	--	--
Aroclor® 1260	--	--	--	--	--	--
Aroclor® 1268	--	--	--	--	--	--
Lipid	--	--	--	--	--	--
subtotal:	**0**	**0**	**0**	**0**	**0**	**0**
TOTALS:	**65**	**5**	**0**	**13**	**0**	**0**

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Section 3.2

Surface Sediment Data Validation Summary and Data Qualifier Summary

TABLE 3.2-1. SUMMARY OF QUALITY CONTROL CHECKS—CONVENTIONAL ANALYTES IN SURFACE SEDIMENT SAMPLES

Quality Control Check	Status	Comment
Completeness	100 percent complete	1,336 results reported; no results were rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using methods described in the quality assurance project plan (PTI 1996)
Instrument performance	Acceptable	
Calibration	Acceptable	Control limits were met
Method blank	Acceptable	Control limits were met
Accuracy (bias or recovery)		
Matrix spike samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	Control limits were met
Accuracy (precision)	Acceptable	Several grain size fractions exceeded the control limit because of small sample sizes of the fractions. No action was taken.
Method reporting limits	Acceptable	Data quality objectives were met
Field quality control samples	Acceptable	
Field replicates	Acceptable	Collocated samples: control limits do not apply
OVERALL ASSESSMENT	**ACCEPTABLE**	**No data were qualified or rejected**

TABLE 3.2-2. SUMMARY OF QUALITY CONTROL CHECKS—LEAD, MERCURY, AND TOTAL SOLIDS IN SURFACE SEDIMENT SAMPLES

Quality Control Check	Status	Comment
Completeness	100 percent complete	280 results reported; no results were rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using methods described in the quality assurance project plan (PTI 1996)
Instrument performance	Acceptable	
Calibration	Acceptable	Control limits were met
Method blank	Acceptable	Control limits were met
Accuracy (bias or recovery)		
Matrix spike samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	Control limits were met
Accuracy (precision)	Acceptable	Control limits were met
Method reporting limits	Acceptable	Data quality objectives were met
Field quality control samples	Acceptable	
Field replicates	Acceptable	Collocated samples: control limits do not apply
Standard reference material	Acceptable	
OVERALL ASSESSMENT	**ACCEPTABLE**	**No data were qualified or rejected**

TABLE 3.2-3. SUMMARY OF QUALITY CONTROL CHECKS—POLYCYCLIC AROMATIC HYDROCARBONS IN SURFACE SEDIMENT SAMPLES

Quality Control Check	Status	Comment
Completeness	100 percent complete	972 results reported; no results were rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using GC/MS-SIM as described in the quality assurance project plan (PTI 1996)
Instrument performance	Acceptable	
Calibration	Acceptable	76 results qualified as estimated (*J*) because the control limit for continuing calibration verification (25 percent difference) was not met for specific compounds
Method blank	Acceptable	37 results restated as undetected (*U*) and 19 results qualified as estimated (*J*) because analytes were detected in the method blanks
Accuracy (bias or recovery)		
Surrogate compounds	Acceptable	252 results qualified as estimated (*J*) because surrogate recoveries were below lower control limits
Matrix spike samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	Control limits were met
Accuracy (precision)	Acceptable	Control limits were met
Method reporting limits	Acceptable	Data quality objectives were met; 80 results qualified as estimated (*J*) because the reported concentration was greater than the method detection limit but below the method reporting limit
Field quality control samples		
Field replicates	Acceptable	Collocated samples: control limits do not apply
Standard reference material	Not applicable	Results discussed in *Field Quality Control Samples* section of report
OVERALL ASSESSMENT	**ACCEPTABLE**	**Qualifiers were added to selected results; see sections noted above**

TABLE 3.2-4. SUMMARY OF QUALITY CONTROL CHECKS—POLYCHLORINATED BIPHENYLS COMPOUNDS IN SURFACE SEDIMENT SAMPLES

Quality Control Check	Status	Comment
Completeness	100 percent complete	1,120 results reported; no results were rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using GC/ECD described in the quality assurance project plan (PTI 1996)
Instrument performance	Acceptable	
Calibration	Acceptable	Control limits were met
Method blank	Acceptable	Control limits were met
Accuracy (bias or recovery)		
Surrogate compounds	Acceptable	24 results qualified as estimated (*J*) because surrogate recoveries were below lower control limits
Matrix spike samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	Control limits were met
Accuracy (precision)	Acceptable	24 Aroclor® 1268 results qualified as estimated (*J*) because laboratory duplicate control limit was exceeded
Method reporting limits	Acceptable	Data quality objectives were met; some reporting limits elevated because of sample matrix interferences
Field quality control samples	Acceptable	
Field replicates	Acceptable	Collocated samples: control limits do not apply
Standard reference material	Acceptable	Results discussed in *Field Quality Control Samples* section of report
OVERALL ASSESSMENT	**ACCEPTABLE**	**Qualifiers were added to selected results; see sections noted above**

TABLE 3.2-5. SUMMARY OF QUALIFIED DATA—SURFACE SEDIMENT SAMPLES

Analytes	Number of Results				Number of Detected Values Qualified						Restated as Undetected
	Total	Analyte Detected	Analyte Undetected	Total Qualified	Total Qualified	Below calibration Range	Surrogate Recovery	Blank Contamination	Instrument Calibration	Laboratory Duplicates	
Inorganic Compounds											
Ammonia-nitrogen	62	62	--	--	--	--	--	--	--	--	--
Sulfides	54	48	6	--	--	--	--	--	--	--	--
Total organic carbon	120	120	--	--	--	--	--	--	--	--	--
Grain size fractions											
gravel (>2 mm)	120	111	9	--	--	--	--	--	--	--	--
1.0-2.0 mm	120	120	--	--	--	--	--	--	--	--	--
0.50-1.0 mm	120	120	--	--	--	--	--	--	--	--	--
0.25-0.50 mm	120	120	--	--	--	--	--	--	--	--	--
0.125 to 0.25 mm	120	120	--	--	--	--	--	--	--	--	--
0.062 to 0.125 mm	120	120	--	--	--	--	--	--	--	--	--
silt (0.004-0.062 mm)	120	120	--	--	--	--	--	--	--	--	--
clay (0.00024-0.004 mm)	120	120	--	--	--	--	--	--	--	--	--
Total solids	140	140	--	--	--	--	--	--	--	--	--
Subtotal:	**1,336**	**1,321**	**15**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Metals											
Lead	120	120	--	--	--	--	--	--	--	--	--
Total mercury	140	140	--	--	--	--	--	--	--	--	--
	20	20	--	--	--	--	--	--	--	--	--
Subtotal:	**280**	**280**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Semivolatile Organic Compounds											
Low Molecular Weight Polycyclic Aromatic Hydrocarbons											
Naphthalene	54	37	17	37	24	11	8	4	3	--	4
Acenaphthylene	54	49	5	27	24	13	11	--	--	--	--
Acenaphthene	54	32	22	28	18	14	4	--	--	--	--
Fluorene	54	33	21	24	16	10	6	--	--	--	--
Phenanthrene	54	45	9	15	10	1	9	--	--	--	--
Anthracene	54	49	5	30	26	8	10	--	11	--	--
2-Methyl-naphthalene	54	39	15	17	10	3	7	--	--	--	--
High Molecular Weight Polycyclic Aromatic Hydrocarbons											
Fluoranthene	54	54	--	14	14	--	14	--	--	--	--
Pyrene	54	54	--	15	15	1	14	--	--	--	--
Benz[a]anthracene	54	48	6	17	17	--	14	3	4	--	6
Chrysene	54	50	4	17	16	--	13	3	--	--	3
Benzo[b]fluoranthene	54	48	6	31	26	--	9	--	20	--	--
Benzo[k]fluoranthene	54	48	6	14	9	--	9	--	6	--	--

TABLE 3.2-5. (cont.)

Analytes	Number of Results				Number of Detected Values Qualified						Restated as Undetected
	Total	Analyte Detected	Analyte Undetected	Total Qualified	Total Qualified	Below calibration Range	Surrogate Recovery	Blank Contamination	Instrument Calibration	Laboratory Duplicates	
Benzo[a]pyrene	54	54	--	17	17	3	14	--	--	--	--
Indeno[1,2,3-cd]pyrene	54	48	6	17	17	--	14	3	--	--	6
Dibenz[a,h]anthracene	54	43	11	22	22	--	14	1	15	--	7
Benzo[ghi]perylene	54	43	11	19	18	--	13	5	--	--	11
Miscellaneous Semivolatile Organic Compounds											
Dibenzofuran	54	28	26	30	19	16	3	--	--	--	--
Subtotal:	**972**	**802**	**170**	**391**	**318**	**80**	**186**	**19**	**59**	**0**	**37**
Polychlorinated Biphenyls											
Aroclor® 1016	140	--	140	3	--	--	--	--	--	--	--
Aroclor® 1221	140	--	140	3	--	--	--	--	--	--	--
Aroclor® 1232	140	--	140	3	--	--	--	--	--	--	--
Aroclor® 1242	140	--	140	3	--	--	--	--	--	--	--
Aroclor® 1248	140	--	140	3	--	--	--	--	--	--	--
Aroclor® 1254	140	--	140	3	--	--	--	--	--	--	--
Aroclor® 1260	140	--	140	3	--	--	--	--	--	--	--
Aroclor® 1268	140	140	--	25	25	--	3	--	--	24	--
Subtotal:	**1,120**	**140**	**980**	**46**	**25**	**0**	**3**	**0**	**0**	**24**	**0**
TOTAL	3,708	2,543	1,165	437	343	80	189	19	59	24	37

TABLE 3.2-5. (cont.)

Analytes	Number of Undetected Values Qualified		
	Total Qualified	Surrogate Recovery	Instrument Calibration
Inorganic Compounds			
Ammonia-nitrogen	--	--	--
Sulfides	--	--	--
Total organic carbon	--	--	--
Grain size fractions			
gravel (>2 mm)	--	--	--
1.0-2.0 mm	--	--	--
0.50-1.0 mm	--	--	--
0.25-0.50 mm	--	--	--
0.125 to 0.25 mm	--	--	--
0.062 to 0.125 mm	--	--	--
silt (0.004-0.062 mm)	--	--	--
clay (0.00024-0.004 mm)	--	--	--
Total solids	--	--	--
Subtotal:	**0**	**0**	**0**
Metals			
Lead	--	--	--
Total mercury	--	--	--
	--	--	--
Subtotal:	**0**	**0**	**0**
Semivolatile Organic Compounds			
Low Molecular Weight Polycyclic Aromatic Hydrocarbons			
Naphthalene	13	6	10
Acenaphthylene	3	3	--
Acenaphthene	10	10	--
Fluorene	8	8	--
Phenanthrene	5	5	--
Anthracene	4	4	2
2-Methyl-naphthalene	7	7	--
High Molecular Weight Polycyclic Aromatic Hydrocarbons			
Fluoranthene	--	--	--
Pyrene	--	--	--
Benz[a]anthracene	--	--	--
Chrysene	1	1	--
Benzo[b]fluoranthene	5	5	3
Benzo[k]fluoranthene	5	5	2

TABLE 3.2-5. (cont.)

Analytes	Number of Undetected Values Qualified		
	Total Qualified	Surrogate Recovery	Instrument Calibration
Benzo[a]pyrene	--	--	--
Indeno[1,2,3-cd]pyrene	--	--	--
Dibenz[a,h]anthracene	--	--	--
Benzo[ghi]perylene	1	1	--
Miscellaneous Semivolatile Organic Compounds			
Dibenzofuran	11	11	--
Subtotal:	**73**	**66**	**17**
Polychlorinated Biphenyls			
Aroclor® 1016	3	3	--
Aroclor® 1221	3	3	--
Aroclor® 1232	3	3	--
Aroclor® 1242	3	3	--
Aroclor® 1248	3	3	--
Aroclor® 1254	3	3	--
Aroclor® 1260	3	3	--
Aroclor® 1268	--	--	--
Subtotal:	**21**	**21**	**0**
TOTAL	**94**	**87**	**17**

Section 3.3

Multi-Depth Sediment Data Validation Summary and Data Qualifier Summary

TABLE 3.3-1. SUMMARY OF QUALITY CONTROL CHECKS – CONVENTIONAL ANALYTES IN MULTI-DEPTH SEDIMENT SAMPLES

Quality Control Check	Status	Comment
Completeness	96.6 percent complete	Of 1,760 possible results, 1,701 results were reported. Because of insufficient sample volume, 58 results were not determined and 1 result was rejected. The data quality objective for completeness (95 percent) was met.
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using methods described in the quality assurance project plan (PTI 1996)
Instrument performance	Acceptable	
Calibration	Acceptable	Control limits were met
Method blank	Acceptable	Control limits were met
Accuracy (bias or recovery)		
Matrix spike samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	Control limits were met
Accuracy (precision)	Acceptable	Some grain size fractions exceeded the control limit. Because of the small sample sizes of the fractions, no action was taken. However, when all fractions combined exceeded a target of 90–110 percent, data for all fractions in the sample were qualified as estimated (*J*). Grain size data for 3 samples (24 results) were qualified as estimated (*J*) for this reason.
Method reporting limits	Acceptable	Data quality objectives were met
Field quality control samples	Acceptable	
Standard reference material	Acceptable	
OVERALL ASSESSMENT	**ACCEPTABLE**	**Qualifiers were added to selected results; see section noted above**

TABLE 3.3-2. SUMMARY OF QUALITY CONTROL CHECKS— METALS IN MULTI-DEPTH SEDIMENT SAMPLES

Quality Control Check	Status	Comment
Completeness	99.4 percent complete	3,743 results reported; no results were rejected. However, one sample not analyzed (therefore, 23 results missing).
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using methods described in the quality assurance project plan (PTI 1996)
Instrument performance	Acceptable	
Calibration	Acceptable	Control limits were met
Method blank	Acceptable	Control limits were met
Accuracy (bias or recovery)		
Matrix spike samples	Acceptable	159 antimony, 72 copper, 16 nickel, and 71 silver results were qualified as estimated (*J*) because of low matrix spike recoveries
Laboratory control samples	Acceptable	Control limits were met
Accuracy (precision)	Acceptable	16 aluminum and 16 copper results were qualified (*J*) because associated laboratory duplicate results exceeded the control limit
Method reporting limits	Acceptable	Data quality objectives were met
Field quality control samples	Acceptable	
Standard reference material	Acceptable	Results discussed in *Field Quality Control Samples* section of report
OVERALL ASSESSMENT	**ACCEPTABLE**	**Qualifiers were added to selected results; see sections noted above**

TABLE 3.3-3. SUMMARY OF QUALITY CONTROL CHECKS—SEMIVOLATILE ORGANIC COMPOUNDS IN MULTI-DEPTH SEDIMENT SAMPLES

Quality Control Check	Status	Comment
Completeness	100 percent complete	10,720 results reported; no results were rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using EPA SW-846 Method 8270 (GC/MS) as described in the quality assurance project plan (PTI 1996)
Instrument performance	Acceptable	
Calibration	Acceptable	161 results qualified as estimated (*J*) because the 25 percent difference control limit for continuing calibration verification was not met for specific compounds
Method blank	Acceptable	30 results restated as undetected (*U*) because analytes were detected in the method blanks
Accuracy (bias or recovery)		
Surrogate compounds	Acceptable	734 results qualified as estimated (*J*) because surrogate recoveries were below lower control limits
Matrix spike samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	Control limits were met
Accuracy (precision)	Acceptable	Control limits were met
Method reporting limits	Acceptable	Data quality objectives were met; 565 results qualified as estimated (*J*) because the reported concentration was greater than the method detection limit, but below the method reporting limit
OVERALL ASSESSMENT	**ACCEPTABLE**	**Qualifiers were added to selected results; see sections noted above**

TABLE 3.3-4. SUMMARY OF QUALITY CONTROL CHECKS— PESTICIDES AND PCBs IN MULTI-DEPTH SEDIMENT SAMPLES

Quality Control Check	Status	Comment
Completeness	100 percent complete	4,320 results reported; no results were rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using GC/ECD as described in the quality assurance project plan (PTI 1996)
Instrument performance	Acceptable	
Calibration	Acceptable	Control limits were met
Method blank	Acceptable	Control limits were met
Accuracy (bias or recovery)		
Surrogate compounds	Acceptable	7 pesticide and PCB results qualified as estimated (*J*) because surrogate recoveries were below lower control limits
Matrix spike samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	20 aldrin, dieldrin, and endrin results qualified as estimated (*J*) because of low laboratory control sample recoveries
Accuracy (precision)	Acceptable	Control limits were met
Method reporting limits	Acceptable	Data quality objectives were met; 10 results qualified as estimated (*J*) because the reported concentration was greater than the method detection limit but below the method reporting limit. Also, method reporting limits were elevated because of sample matrix interferences for some samples.
Field quality control samples	Acceptable	
Standard reference material	Acceptable	Results discussed in *Field Quality Control Samples* section of report
OVERALL ASSESSMENT	**ACCEPTABLE**	**Qualifiers were added to selected results; see sections noted above**

TABLE 3.3-5. SUMMARY OF QUALITY CONTROL CHECKS – PCB CONGENERS IN MULTI-DEPTH SEDIMENT SAMPLES

Quality Control Check	Status	Comment
Completeness	100 percent complete	882 results reported; no results were rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using HRGC/HRMS-SIM as described in the quality assurance project plan (PTI 1996)
Instrument performance	Acceptable	Control limits were met
Calibration	Acceptable	72 results qualified as estimated (*J*) because the control limit for continuing calibration verification (25 percent difference) was not met for specific compounds
Method blank	Acceptable	24 results were restated as undetected (*U*) and 24 results were qualified as estimated (*J*) because analytes were detected in the method blanks
Accuracy (bias or recovery)		
Isotopically labeled internal standards	Acceptable	25 results were qualified as estimated (*J*) because some recoveries were above the upper control limit of 130 percent
Isotopically labeled surrogate compounds	Acceptable	Control limits were met
Isotopically labeled recovery standards	Acceptable	Control limits were met
Matrix spike samples	Not applicable	Not required for analysis
Laboratory control samples	Acceptable	187 results qualified as estimated (*J*) because some recoveries were below the lower 70 percent control limit in some laboratory control sample and duplicate laboratory control sample analyses
Accuracy (precision)	Acceptable	Control limits were met for all duplicate laboratory control sample analyses; the 50 percent relative difference for duplicate sample analyses was not met for 7 results in one duplicate sample analysis; no results qualified
Method reporting limits	Acceptable	Data quality objectives were met
Qualitative Identification Criteria	Acceptable	275 results qualified as estimated (*J*) because specific criteria for compound identification did not meet method-specific control limits or matrix interferences affected quantification; see *Qualitative Identification Criteria for PCB Congener Analyses* section.
OVERALL ASSESSMENT	**ACCEPTABLE**	**Qualifiers were added to selected results; see sections noted above**

TABLE 3.3-6. SUMMARY OF QUALITY DATA—MULTI-DEPTH SEDIMENT SAMPLES

Analytes	Number of Results				Number of Detected Values Qualified								
	Total	Analyte Detected	Analyte Undetected	Total Qualified	Total Qualified	Below Calibration Range	Surrogate Recovery	Blank Contamination	Instrument Calibration	Laboratory Duplicates	Sample Recovery[a]	Spike Recovery[a]	Internal Standard Recovery[a]
Inorganic Compounds													
Cyanide	158	--	158	--	--	--	--	--	--	--	--	--	--
Total organic carbon	160	160	--	--	--	--	--	--	--	--	--	--	--
Grain size fractions													
gravel (>2 mm)	153	130	23	3	--	--	--	--	--	--	3	--	--
1.0-2.0 mm	153	151	2	3	--	--	--	--	--	--	3	--	--
0.50-1.0 mm	153	153	--	3	--	--	--	--	--	--	3	--	--
0.25-0.50 mm	153	153	--	3	--	--	--	--	--	--	3	--	--
0.125 to 0.25 mm	153	153	--	3	--	--	--	--	--	--	3	--	--
0.062 to 0.125 mm	153	152	1	3	--	--	--	--	--	--	3	--	--
silt (0.004-0.062 mm)	152	152	--	3	--	--	--	--	--	--	3	--	--
clay (0.00024-0.004 mm)	153	153	--	3	--	--	--	--	--	--	3	--	--
Total solids	160	160	--	--	--	--	--	--	--	--	--	--	--
Subtotal:	**1,701**	**1,517**	**184**	**24**	**0**	**0**	**0**	**0**	**0**	**0**	**24**	**0**	**0**
Metals													
Aluminum	159	159	--	16	16	--	--	--	--	16	--	--	--
Antimony	159	131	28	159	131	--	--	--	--	--	--	131	--
Arsenic	159	159	--	--	--	--	--	--	--	--	--	--	--
Barium	159	159	--	--	--	--	--	--	--	--	--	--	--
Beryllium	159	159	--	--	--	--	--	--	--	--	--	--	--
Cadmium	159	159	--	--	--	--	--	--	--	--	--	--	--
Calcium	159	159	--	--	--	--	--	--	--	--	--	--	--
Chromium	159	159	--	--	--	--	--	--	--	--	--	--	--
Cobalt	159	159	--	--	--	--	--	--	--	--	--	--	--
Copper	159	159	--	72	72	--	--	--	--	16	--	72	--
Iron	159	159	--	--	--	--	--	--	--	--	--	--	--
Lead	159	159	--	--	--	--	--	--	--	--	--	--	--
Magnesium	159	159	--	--	--	--	--	--	--	--	--	--	--
Manganese	159	159	--	--	--	--	--	--	--	--	--	--	--
Total mercury	159	148	11	--	--	--	--	--	--	--	--	--	--
Methylmercury	86	86	--	--	--	--	--	--	--	--	--	--	--
Nickel	159	159	--	16	16	--	--	--	--	--	--	16	--
Potassium	159	158	1	--	--	--	--	--	--	--	--	--	--
Selenium	159	21	138	--	--	--	--	--	--	--	--	--	--
Silver	159	155	4	71	71	--	--	--	--	--	--	71	--
Sodium	159	159	--	--	--	--	--	--	--	--	--	--	--
Thallium	159	159	--	--	--	--	--	--	--	--	--	--	--
Vanadium	159	159	--	--	--	--	--	--	--	--	--	--	--
Zinc	159	159	--	--	--	--	--	--	--	--	--	--	--
Subtotal:	**3,743**	**3,561**	**182**	**334**	**306**	**0**	**0**	**0**	**0**	**32**	**0**	**290**	**0**
Semivolatile Organic Compounds													
Chlorinated Aromatic Hydrocarbons													
1,2-Dichlorobenzene	160	--	160	10	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	160	10	150	20	10	10	--	--	--	--	--	--	--

TABLE 3.3-6. (cont.)

Analytes	Number of Results				Number of Detected Values Qualified								
	Total	Analyte Detected	Analyte Undetected	Total Qualified	Total Qualified	Below Calibration Range	Surrogate Recovery	Blank Contamination	Instrument Calibration	Laboratory Duplicates	Sample Recovery[a]	Spike Recovery[a]	Internal Standard Recovery[a]
1,4-Dichlorobenzene	160	7	153	17	7	7	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	160	--	160	10	--	--	--	--	--	--	--	--	--
Hexachlorobenzene	160	8	152	15	5	5	--	--	--	--	--	--	--
2-Chloronaphthalene	160	--	160	10	--	--	--	--	--	--	--	--	--
Low Molecular Polycyclic Aromatic Hydrocarbons													
Naphthalene	160	--	160	10	--	--	--	--	--	--	--	--	--
Acenaphthylene	160	--	160	10	--	--	--	--	--	--	--	--	--
Acenaphthene	160	2	158	12	2	2	--	--	--	--	--	--	--
Fluorene	160	3	157	13	3	3	--	--	--	--	--	--	--
Phenanthrene	160	34	126	41	34	31	3	--	--	--	--	--	--
Anthracene	160	19	141	27	18	17	1	--	--	--	--	--	--
2-Methylnaphthalene	160	2	158	12	2	2	--	--	--	--	--	--	--
High Molecular Polycyclic Aromatic Hydrocarbons													
Fluoranthene	160	81	79	71	66	61	5	--	--	--	--	--	--
Pyrene	160	86	74	73	68	63	5	--	--	--	--	--	--
Benz[a]anthracene	160	56	104	57	52	47	5	--	--	--	--	--	--
Chrysene	160	55	105	57	52	47	5	--	--	--	--	--	--
Benzo[b]fluoranthene	160	60	100	59	54	49	5	--	--	--	--	--	--
Benzo[k]fluoranthene	160	59	101	61	56	51	5	--	--	--	--	--	--
Benzo[a]pyrene	160	55	105	57	52	47	5	--	--	--	--	--	--
Indeno[1,2,3-cd]pyrene	160	30	130	44	29	25	1	--	3	--	--	--	--
Dibenz[a,h]anthracene	160	4	156	21	3	2	--	--	1	--	--	--	--
Benzo[ghi]perylene	160	27	133	40	25	21	1	--	3	--	--	--	--
Phenols													
Phenol	160	2	158	16	2	2	--	--	--	--	--	--	--
2-Methylphenol	160	--	160	14	--	--	--	--	--	--	--	--	--
3- and 4-Methylphenol	160	1	159	15	1	1	--	--	--	--	--	--	--
2,4-Dimethylphenol	160	--	160	14	--	--	--	--	--	--	--	--	--
Substituted Phenols													
2-Chlorophenol	160	1	159	15	1	1	--	--	--	--	--	--	--
2,4-Dichlorophenol	160	--	160	14	--	--	--	--	--	--	--	--	--
4-Chloro-3-methylphenol	160	1	159	15	1	1	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	160	--	160	14	--	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	160	--	160	14	--	--	--	--	--	--	--	--	--
Pentachlorophenol	160	1	159	14	1	--	1	--	--	--	--	--	--
2-Nitrophenol	160	--	160	14	--	--	--	--	--	--	--	--	--
4-Nitrophenol	160	--	160	14	--	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	160	--	160	14	--	--	--	--	--	--	--	--	--
2-Methyl-4,6-dinitrophenol	160	--	160	14	--	--	--	--	--	--	--	--	--
Chlorinated Aliphatic Hydrocarbons													
Hexachloroethane	160	--	160	10	--	--	--	--	--	--	--	--	--
Hexachlorobutadiene	160	--	160	10	--	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	160	--	160	52	--	--	--	--	--	--	--	--	--

TABLE [illegible]-6. (cont.)

Analytes	Number of Results: Total	Analyte Detected	Analyte Undetected	Total Qualified	Number of Detected Values Qualified: Total Qualified	Below Calibration Range	Surrogate Recovery	Blank Contamination	Instrument Calibration	Laboratory Duplicates	Sample Recovery[a]	Spike Recovery[a]	Internal Standard Recovery[a]
Halogenated Ethers													
Bis(2-chloro-ethyl)ether	160	--	160	10	--	--	--	--	--	--	--	--	--
Bis(2-chloro-isopropyl)ether	160	--	160	10	--	--	--	--	--	--	--	--	--
4-Chlorophenylphenyl ether	160	--	160	10	--	--	--	--	--	--	--	--	--
4-Bromophenylphenyl ether	160	--	160	10	--	--	--	--	--	--	--	--	--
Bis(2-chloro-ethoxy)methane	160	--	160	10	--	--	--	--	--	--	--	--	--
Phthalates													
Dimethylphthalate	160	--	160	10	--	--	--	--	--	--	--	--	--
Diethylphthalate	160	--	160	10	--	--	--	--	--	--	--	--	--
Di-*n*-butylphthalate	160	5	155	15	5	5	--	--	--	--	--	--	--
Butylbenzylphthalate	160	6	154	16	6	6	--	--	--	--	--	--	--
Bis(2-ethyl-hexyl)phthalate	160	103	57	67	62	57	5	--	--	--	--	--	--
Di-*n*-octylphthalate	160	1	159	10	--	--	--	--	--	--	--	--	--
Miscellaneous Oxygenated Compounds													
Isophorone	160	--	160	10	--	--	--	--	--	--	--	--	--
Dibenzofuran	160	1	159	11	1	1	--	--	--	--	--	--	--
Benzyl alcohol	160	--	160	14	--	--	--	--	--	--	--	--	--
Benzoic acid	160	--	160	39	--	--	--	--	--	--	--	--	--
Organonitrogen													
Nitrobenzene	160	--	160	10	--	--	--	--	--	--	--	--	--
N-nitrosodimethylamine	160	--	160	18	--	--	--	--	--	--	--	--	--
N-nitroso-di-*n*-propylamine	160	1	159	11	1	1	--	--	--	--	--	--	--
Aniline	160	--	160	53	--	--	--	--	--	--	--	--	--
2-Nitroaniline	160	--	160	10	--	--	--	--	--	--	--	--	--
3-Nitroaniline	160	--	160	10	--	--	--	--	--	--	--	--	--
4-Nitroaniline	160	--	160	10	--	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	160	--	160	10	--	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	160	--	160	10	--	--	--	--	--	--	--	--	--
N-nitrosodiphenylamine	160	--	160	10	--	--	--	--	--	--	--	--	--
4-Chloroaniline	160	--	160	10	--	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	160	--	160	14	--	--	--	--	--	--	--	--	--
Subtotal:	**10,720**	**721**	**9,999**	**1,448**	**619**	**565**	**47**	**0**	**7**	**0**	**0**	**0**	**0**
PCB Congeners													
PCB Congener 3	18	7	11	7	6	1	--	5	--	--	--	--	--
PCB Congener 15	18	14	4	2	2	2	--	--	--	--	--	--	--
PCB Congener 18	18	10	8	6	3	--	--	--	3	--	--	--	--
PCB Congener 28	18	13	5	9	9	8	--	1	--	--	--	--	--
PCB Congener 44	18	18	--	15	15	1	--	--	5	--	--	8	1
PCB Congener 47	18	14	4	19	15	4	--	1	4	--	--	5	1
PCB Congener 49	18	16	2	15	15	--	--	1	5	--	--	8	1
PCB Congener 52	18	16	2	14	14	1	--	2	5	--	--	5	1
PCB Congener 66	18	15	3	10	9	--	--	3	--	--	--	5	1
PCB Congener 77	18	12	6	9	8	2	--	1	--	--	--	4	1
PCB Congener 80	18	12	6	14	10	3	--	3	--	--	--	3	1

TABLE 3.3-6. (cont.)

Analytes	Number of Results				Number of Detected Values Qualified								
	Total	Analyte Detected	Analyte Undetected	Total Qualified	Total Qualified	Below Calibration Range	Surrogate Recovery	Blank Contamination	Instrument Calibration	Laboratory Duplicates	Sample Recovery[a]	Spike Recovery[a]	Internal Standard Recovery[a]
PCB Congener 81	18	7	11	8	6	2	--	--	--	--	--	3	1
PCB Congener 101	18	18	--	8	8	1	--	--	--	--	--	5	2
PCB Congener 105	18	18	--	12	12	5	--	--	--	--	--	5	2
PCB Congener 108	18	14	4	9	9	2	--	--	--	--	--	5	2
PCB Congener 114	18	7	11	9	7	2	--	--	--	--	--	3	2
PCB Congener 118	18	18	--	9	9	2	--	--	--	--	--	5	2
PCB Congener 123	18	13	5	14	14	7	--	--	--	--	--	5	2
PCB Congener 126	18	7	11	8	6	1	--	--	--	--	--	3	2
PCB Congener 128 and 167	18	18	--	8	8	3	--	--	--	--	--	5	--
PCB Congener 133	18	15	3	15	11	1	--	--	5	--	--	5	--
PCB Congener 136	18	17	1	16	14	--	--	--	10	--	--	4	--
PCB Congener 138	18	18	--	6	6	1	--	--	--	--	--	5	--
PCB Congener 153	18	18	--	7	7	1	--	--	--	--	--	6	--
PCB Congener 154	18	18	--	16	16	--	--	--	8	--	--	8	--
PCB Congener 155	18	10	8	21	8	1	--	--	3	--	--	4	--
PCB Congener 156	18	11	7	11	9	6	--	--	--	--	--	3	--
PCB Congener 157	18	10	8	12	9	6	--	--	--	--	--	3	--
PCB Congener 159	18	18	--	6	6	1	--	--	--	--	--	5	--
PCB Congener 168	18	17	1	11	11	2	--	--	--	--	--	9	--
PCB Congener 169	18	7	11	5	3	--	--	--	--	--	--	3	--
PCB Congener 170	18	16	2	3	3	3	--	--	--	--	--	--	--
PCB Congener 180	18	18	--	--	--	--	--	--	--	--	--	--	--
PCB Congener 187	18	18	--	1	1	1	--	--	--	--	--	--	--
PCB Congener 189	18	7	11	7	4	--	--	--	4	--	--	--	--
PCB Congener 195	18	17	1	16	15	10	--	--	1	--	--	4	--
PCB Congener 202	18	18	--	8	8	2	--	--	1	--	--	5	--
PCB Congener 206	18	18	--	2	2	2	--	--	--	--	--	--	--
PCB Congener 207	18	18	--	2	2	2	--	--	--	--	--	--	--
PCB Congener 209	18	18	--	2	2	2	--	--	--	--	--	--	--
PCB Congener Total Mono	18	9	9	6	4	1	--	3	--	--	--	--	--
PCB Congener Total Di	18	16	2	10	10	10	--	--	--	--	--	--	--
PCB Congener Total Tri	18	14	4	12	12	11	--	1	--	--	--	--	--
PCB Congener Total Tetra	18	18	--	18	18	9	--	3	--	--	--	5	1
PCB Congener Total Penta	18	18	--	20	20	13	--	--	--	--	--	5	2
PCB Congener Total Hexa	18	18	--	18	18	13	--	--	--	--	--	5	--
PCB Congener Total Hepta	18	18	--	16	16	15	--	--	--	--	--	1	--
PCB Congener Total Octa	18	18	--	14	14	9	--	--	--	--	--	5	--
PCB Congener Total Nona	18	18	--	2	2	2	--	--	--	--	--	--	--
Subtotal:	**882**	**721**	**161**	**488**	**436**	**171**	**0**	**24**	**54**	**0**	**0**	**162**	**25**
Pesticides and PCBs													
alpha-Hexachlorocyclohexane	160	--	160	7	--	--	--	--	--	--	--	--	--
beta-Hexachlorocyclohexane	160	5	155	10	4	3	1	--	--	--	--	--	--
delta-Hexachlorocyclohexane	160	--	160	7	--	--	--	--	--	--	--	--	--
gamma-Hexachlorocyclohexan	160	--	160	7	--	--	--	--	--	--	--	--	--

TABLE [illegible]-6. (cont.)

Analytes	Number of Results				Number of Detected Values Qualified								
	Total	Analyte Detected	Analyte Undetected	Total Qualified	Total Qualified	Below Calibration Range	Surrogate Recovery	Blank Contamination	Instrument Calibration	Laboratory Duplicates	Sample Recovery[a]	Spike Recovery[a]	Internal Standard Recovery[a]
Aldrin	160	2	158	28	2	1	1	--	--	--	--	--	--
Chlordane	160	--	160	7	--	--	--	--	--	--	--	--	--
Dieldrin	160	2	158	27	--	--	--	--	--	--	--	--	--
alpha-Endosulfan	160	4	156	7	1	--	1	--	--	--	--	--	--
beta-Endosulfan	160	5	155	8	1	1	--	--	--	--	--	--	--
Endosulfan sulfate	160	1	159	7	--	--	--	--	--	--	--	--	--
Endrin	160	--	160	27	--	--	--	--	--	--	--	--	--
Endrin aldehyde	160	3	157	7	--	--	--	--	--	--	--	--	--
Heptachlor epoxide	160	--	160	7	--	--	--	--	--	--	--	--	--
Heptachlor	160	--	160	7	--	--	--	--	--	--	--	--	--
Methoxychlor	160	1	159	7	--	--	--	--	--	--	--	--	--
4,4'-DDD	160	5	155	8	2	1	1	--	--	--	--	--	--
4,4'-DDE	160	10	150	8	3	1	2	--	--	--	--	--	--
4,4'-DDT	160	5	155	9	2	2	--	--	--	--	--	--	--
Toxaphene	160	--	160	7	--	--	--	--	--	--	--	--	--
Aroclor® 1016	160	2	158	7	--	--	--	--	--	--	--	--	--
Aroclor® 1221	160	2	158	7	--	--	--	--	--	--	--	--	--
Aroclor® 1232	160	2	158	7	--	--	--	--	--	--	--	--	--
Aroclor® 1242	160	2	158	7	--	--	--	--	--	--	--	--	--
Aroclor® 1248	160	2	158	7	--	--	--	--	--	--	--	--	--
Aroclor® 1254	160	2	158	7	--	--	--	--	--	--	--	--	--
Aroclor® 1260	160	2	158	7	--	--	--	--	--	--	--	--	--
Aroclor® 1268	160	152	8	8	6	1	5	--	--	--	--	--	--
Subtotal:	**4,320**	**209**	**4,111**	**259**	**21**	**10**	**11**	**0**	**0**	**0**	**0**	**0**	**0**
TOTALS	**21,366**	**6,729**	**14,637**	**2,553**	**1,382**	**746**	**58**	**24**	**61**	**32**	**24**	**452**	**25**

TABLE 3.3-6. (cont.)

Analytes	Restated as Undetected	Rejected	Number of Undetected Values Qualified: Total Qualified	Below Calibration Range	Surrogate Recovery	Instrument Calibration	LCS Recoveries Below Control Limit	Spike Recovery
Inorganic Compounds								
Cyanide	--	--	--	--	--	--	--	--
Total organic carbon	--	--	--	--	--	--	--	--
Grain size fractions								
gravel (>2 mm)	--	--	--	--	--	--	--	--
1.0-2.0 mm	--	--	--	--	--	--	--	--
0.50-1.0 mm	--	--	--	--	--	--	--	--
0.25-0.50 mm	--	--	--	--	--	--	--	--
0.125 to 0.25 mm	--	--	--	--	--	--	--	--
0.062 to 0.125 mm	--	--	--	--	--	--	--	--
silt (0.004-0.062 mm)	--	1	--	--	--	--	--	--
clay (0.00024-0.004 mm)	--	--	--	--	--	--	--	--
Total solids	--	--	--	--	--	--	--	--
Subtotal:	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**
Metals								
Aluminum	--	--	--	--	--	--	--	--
Antimony	--	--	28	--	--	--	--	28
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--
Beryllium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Calcium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Cobalt	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--
Iron	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--
Magnesium	--	--	--	--	--	--	--	--
Manganese	--	--	--	--	--	--	--	--
Total mercury	--	--	--	--	--	--	--	--
Methylmercury	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--
Potassium	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
Sodium	--	--	--	--	--	--	--	--
Thallium	--	--	--	--	--	--	--	--
Vanadium	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--
Subtotal:	**0**	**0**	**28**	**0**	**0**	**0**	**0**	**28**
Semivolatile Organic Compounds								
Chlorinated Aromatic Hydrocarbons								
1,2-Dichlorobenzene	--	--	10	--	10	--	--	--
1,3-Dichlorobenzene	--	--	10	--	10	--	--	--

TABLE 3.3-6. (cont.)

Analytes	Restated as Undetected	Rejected	Number of Undetected Values Qualified: Total Qualified	Below Calibration Range	Surrogate Recovery	Instrument Calibration	LCS Recoveries: Below Control Limit	Spike Recovery
1,4-Dichlorobenzene	--	--	10	--	10	--	--	--
1,2,4-Trichlorobenzene	--	--	10	--	10	--	--	--
Hexachlorobenzene	--	--	10	--	10	--	--	--
2-Chloronaphthalene	--	--	10	--	10	--	--	--
Low Molecular Polycyclic Aromatic Hydrocarbons								
Naphthalene	--	--	10	--	10	--	--	--
Acenaphthylene	--	--	10	--	10	--	--	--
Acenaphthene	--	--	10	--	10	--	--	--
Fluorene	--	--	10	--	10	--	--	--
Phenanthrene	--	--	7	--	7	--	--	--
Anthracene	--	--	9	--	9	--	--	--
2-Methylnaphthalene	--	--	10	--	10	--	--	--
High Molecular Polycyclic Aromatic Hydrocarbons								
Fluoranthene	--	--	5	--	5	--	--	--
Pyrene	--	--	5	--	5	--	--	--
Benz[a]anthracene	--	--	5	--	5	--	--	--
Chrysene	--	--	5	--	5	--	--	--
Benzo[b]fluoranthene	--	--	5	--	5	--	--	--
Benzo[k]fluoranthene	--	--	5	--	5	--	--	--
Benzo[a]pyrene	--	--	5	--	5	--	--	--
Indeno[1,2,3-cd]pyrene	--	--	15	--	9	7	--	--
Dibenz[a,h]anthracene	--	--	18	--	10	9	--	--
Benzo[ghi]perylene	--	--	15	--	9	7	--	--
Phenols								
Phenol	--	--	14	--	14	--	--	--
2-Methylphenol	--	--	14	--	14	--	--	--
3- and 4-Methylphenol	--	--	14	--	14	--	--	--
2,4-Dimethylphenol	--	--	14	--	14	--	--	--
Substituted Phenols								
2-Chlorophenol	--	--	14	--	14	--	--	--
2,4-Dichlorophenol	--	--	14	--	14	--	--	--
4-Chloro-3-methylphenol	--	--	14	--	14	--	--	--
2,4,6-Trichlorophenol	--	--	14	--	14	--	--	--
2,4,5-Trichlorophenol	--	--	14	--	14	--	--	--
Pentachlorophenol	--	--	13	--	13	--	--	--
2-Nitrophenol	--	--	14	--	14	--	--	--
4-Nitrophenol	--	--	14	--	14	--	--	--
2,4-Dinitrophenol	--	--	14	--	14	--	--	--
2-Methyl-4,6-dinitrophenol	--	--	14	--	14	--	--	--
Chlorinated Aliphatic Hydrocarbons								
Hexachloroethane	--	--	10	--	10	--	--	--
Hexachlorobutadiene	--	--	10	--	10	--	--	--
Hexachlorocyclopentadiene	--	--	52	--	10	50	--	--

TABLE 3.3-6. (cont.)

Analytes	Restated as Undetected	Rejected	Number of Undetected Values Qualified: Total Qualified	Below Calibration Range	Surrogate Recovery	Instrument Calibration	LCS Recoveries Below Control Limit	Spike Recovery
Halogenated Ethers								
Bis[2-chloro-ethyl]ether	--	--	10	--	10	--	--	--
Bis(2-chloro-isopropyl)ether	--	--	10	--	10	--	--	--
4-Chlorophenylphenyl ether	--	--	10	--	10	--	--	--
4-Bromophenylphenyl ether	--	--	10	--	10	--	--	--
Bis(2-chloro-ethoxy)methane	--	--	10	--	10	--	--	--
Phthalates								
Dimethylphthalate	--	--	10	--	10	--	--	--
Diethylphthalate	--	--	10	--	10	--	--	--
Di-*n*-butylphthalate	--	--	10	--	10	--	--	--
Butylbenzylphthalate	--	--	10	--	10	--	--	--
Bis[2-ethyl-hexyl]phthalate	30	--	5	--	5	--	--	--
Di-*n*-octylphthalate	--	--	10	--	10	--	--	--
Miscellaneous Oxygenated Compounds								
Isophorone	--	--	10	--	10	--	--	--
Dibenzofuran	--	--	10	--	10	--	--	--
Benzyl alcohol	--	--	14	--	14	--	--	--
Benzoic acid	--	--	39	--	14	25	--	--
Organonitrogen								
Nitrobenzene	--	--	10	--	10	--	--	--
N-nitrosodimethylamine	--	--	18	--	10	8	--	--
N-nitroso-di-*n*-propylamine	--	--	10	--	10	--	--	--
Aniline	--	--	53	--	10	44	--	--
2-Nitroaniline	--	--	10	--	10	--	--	--
3-Nitroaniline	--	--	10	--	10	--	--	--
4-Nitroaniline	--	--	10	--	10	--	--	--
2,6-Dinitrotoluene	--	--	10	--	10	--	--	--
2,4-Dinitrotoluene	--	--	10	--	10	--	--	--
N-nitrosodiphenylamine	--	--	10	--	10	--	--	--
4-Chloroaniline	--	--	10	--	10	--	--	--
3,3'-Dichlorobenzidine	--	--	14	--	10	4	--	--
Subtotal:	**30**	**0**	**829**	**0**	**687**	**154**	**0**	**0**
PCB Congeners								
PCB Congener 3	8	--	1	1	--	--	--	--
PCB Congener 15	--	--	--	--	--	--	--	--
PCB Congener 18	--	--	3	1	--	2	--	--
PCB Congener 28	--	--	--	--	--	--	--	--
PCB Congener 44	--	--	--	--	--	--	--	--
PCB Congener 47	1	--	4	1	--	1	--	2
PCB Congener 49	2	--	--	--	--	--	--	--
PCB Congener 52	2	--	--	--	--	--	--	--
PCB Congener 66	3	--	1	1	--	--	--	--
PCB Congener 77	--	--	1	--	--	--	--	1
PCB Congener 80	2	--	4	2	--	--	--	2

TABLE 3.3-6. (cont.)

Analytes	Restated as Undetected	Rejected	Number of Undetected Values Qualified: Total Qualified	Below Calibration Range	Surrogate Recovery	Instrument Calibration	LCS Recoveries: Below Control Limit	Spike Recovery
PCB Congener 81	--	--	2	--	--	--	--	2
PCB Congener 101	--	--	--	--	--	--	--	--
PCB Congener 105	--	--	--	--	--	--	--	--
PCB Congener 108	--	--	--	--	--	--	--	--
PCB Congener 114	--	--	2	--	--	--	--	2
PCB Congener 118	--	--	--	--	--	--	--	--
PCB Congener 123	--	--	--	--	--	--	--	--
PCB Congener 126	--	--	2	--	--	--	--	2
PCB Congener 128 and 167	--	--	--	--	--	--	--	--
PCB Congener 133	--	--	4	--	--	3	--	1
PCB Congener 136	--	--	2	--	--	1	--	1
PCB Congener 138	--	--	--	--	--	--	--	--
PCB Congener 153	--	--	--	--	--	--	--	--
PCB Congener 154	--	--	--	--	--	--	--	--
PCB Congener 155	--	--	13	--	--	8	--	5
PCB Congener 156	--	--	2	--	--	--	--	2
PCB Congener 157	--	--	3	1	--	--	--	2
PCB Congener 159	--	--	--	--	--	--	--	--
PCB Congener 168	--	--	--	--	--	--	--	--
PCB Congener 169	--	--	2	--	--	--	--	2
PCB Congener 170	--	--	--	--	--	--	--	--
PCB Congener 180	--	--	--	--	--	--	--	--
PCB Congener 187	--	--	--	--	--	--	--	--
PCB Congener 189	--	--	3	--	--	3	--	--
PCB Congener 195	--	--	1	--	--	--	--	1
PCB Congener 202	--	--	--	--	--	--	--	--
PCB Congener 206	--	--	--	--	--	--	--	--
PCB Congener 207	--	--	--	--	--	--	--	--
PCB Congener 209	--	--	--	--	--	--	--	--
PCB Congener Total Mono	7	--	2	2	--	--	--	--
PCB Congener Total Di	--	--	--	--	--	--	--	--
PCB Congener Total Tri	1	--	--	--	--	--	--	--
PCB Congener Total Tetra	--	--	--	--	--	--	--	--
PCB Congener Total Penta	--	--	--	--	--	--	--	--
PCB Congener Total Hexa	--	--	--	--	--	--	--	--
PCB Congener Total Hepta	--	--	--	--	--	--	--	--
PCB Congener Total Octa	--	--	--	--	--	--	--	--
PCB Congener Total Nona	--	--	--	--	--	--	--	--
Subtotal:	**26**	**0**	**52**	**9**	**0**	**18**	**0**	**25**
Pesticides and PCBs								
alpha-Hexachlorocyclohexane	--	--	7	--	7	--	--	--
beta-Hexachlorocyclohexane	--	--	6	--	6	--	--	--
delta-Hexachlorocyclohexane	--	--	7	--	7	--	--	--
gamma-Hexachlorocyclohexan	--	--	7	--	7	--	--	--

TABLE 3.3-6. (cont.)

Analytes	Restated as Undetected	Rejected	Number of Undetected Values Qualified: Total Qualified	Below Calibration Range	Surrogate Recovery	Instrument Calibration	LCS Recoveries Below Control Limit	Spike Recovery
Aldrin	--	--	26	--	6	--	20	--
Chlordane	--	--	7	--	7	--	--	--
Dieldrin	--	--	27	--	7	--	20	--
alpha-Endosulfan	--	--	6	--	6	--	--	--
beta-Endosulfan	--	--	7	--	7	--	--	--
Endosulfan sulfate	--	--	7	--	7	--	--	--
Endrin	--	--	27	--	7	--	20	--
Endrin aldehyde	--	--	7	--	7	--	--	--
Heptachlor epoxide	--	--	7	--	7	--	--	--
Heptachlor	--	--	7	--	7	--	--	--
Methoxychlor	--	--	7	--	7	--	--	--
4,4'-DDD	--	--	6	--	6	--	--	--
4,4'-DDE	--	--	5	--	5	--	--	--
4,4'-DDT	--	--	7	--	7	--	--	--
Toxaphene	--	--	7	--	7	--	--	--
Aroclor® 1016	--	--	7	--	7	--	--	--
Aroclor® 1221	--	--	7	--	7	--	--	--
Aroclor® 1232	--	--	7	--	7	--	--	--
Aroclor® 1242	--	--	7	--	7	--	--	--
Aroclor® 1248	--	--	7	--	7	--	--	--
Aroclor® 1254	--	--	7	--	7	--	--	--
Aroclor® 1260	--	--	7	--	7	--	--	--
Aroclor® 1268	--	--	2	--	2	--	--	--
Subtotal:	**0**	**0**	**238**	**0**	**178**	**0**	**60**	**0**
TOTALS	**56**	**1**	**1,147**	**9**	**865**	**172**	**60**	**53**

[a] Sum of grain size fraction weights was not 90–110 percent of initial sample weight.

Section 3.4

Preliminary Study Data Validation Summary and Data Qualifier Summary

TABLE 3.4-1. SUMMARY OF QUALITY CONTROL CHECKS—CONVENTIONAL ANALYTES IN PRELIMINARY SEDIMENT SAMPLES

Quality Control Check	Status	Comment
Completeness	100 percent complete	44 results reported; no results were rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using methods described in the quality assurance project plan (PTI 1996)
Instrument performance	Acceptable	
Calibration	Acceptable	Control limits were met
Method blank	Acceptable	Control limits were met
Accuracy (bias or recovery)		
Matrix spike samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	Control limits were met
Accuracy (precision)	Acceptable	Control limits were met
Method reporting limits	Acceptable	Data quality objectives were met
Field quality control samples		
Field replicate samples	Acceptable	
OVERALL ASSESSMENT	**ACCEPTABLE**	**No data were qualified or rejected**

TABLE 3.4-2. SUMMARY OF QUALITY CONTROL CHECKS—MERCURY AND SUSPENDED SOLIDS IN PRELIMINARY SURFACE WATER AND PRELIMINARY SURFACE SEDIMENT SAMPLES

Quality Control Check	Status	Comment
Completeness	100 percent complete	123 results reported; no results were rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using methods described in the quality assurance project plan (PTI 1996)
Instrument performance	Acceptable	
Calibration	Acceptable	Control limits were met
Method blank	Acceptable	Control limits were met
Accuracy (bias or recovery)		
Matrix spike samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	Control limits were met
Accuracy (precision)	Acceptable	Control limits were met
Method reporting limits	Acceptable	Data quality objectives were met
Field quality control samples		
Field blanks	Acceptable	3 dissolved mercury results qualified as estimated (*J*); potential positive bias
Field replicates	Acceptable	
OVERALL ASSESSMENT	**ACCEPTABLE**	**No data were qualified or rejected**

TABLE 3.4-3. SUMMARY OF QUALITY CONTROL CHECKS—POLYCHLORINATED BIPHENYLS IN PRELIMINARY SEDIMENT SAMPLES

Quality Control Check	Status	Comment
Completeness	100 percent complete	176 results reported; no results were rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using GC/ECD as described in the quality assurance project plan (PTI 1996)
Instrument performance	Acceptable	
Calibration	Acceptable	Control limits were met
Method blank	Acceptable	Control limits were met
Accuracy (bias or recovery)		
Surrogate compounds	Acceptable	Control limits were met
Matrix spike samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	Control limits were met
Accuracy (precision)	Acceptable	Control limits were met
Method reporting limits	Acceptable	Data quality objectives were met; some reporting limits were elevated because of sample matrix interferences
Field quality control samples		
Field blanks	Acceptable	
Field replicates	Acceptable	
OVERALL ASSESSMENT	**ACCEPTABLE**	**No data were qualified or rejected**

TABLE 3.4-4. SUMMARY OF QUALITY CONTROL CHECKS—PCB CONGENERS IN PRELIMINARY TISSUE, VEGETATION, AND SEDIMENT SAMPLES

Quality Control Check	Status	Comment
Completeness	100 percent complete	360 results reported; no results were qualified or rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using HRGC/HRMS-SIM as described in the quality assurance project plan (PTI 1996)
Instrument performance	Acceptable	Control limits were met
Calibration	Acceptable	Control limits were met
Method blank	Acceptable	Control limits were met
Accuracy (bias or recovery)		
Isotopically labeled internal standards	Acceptable	Control limits were met
Isotopically labeled surrogate compounds	Acceptable	Control limits were met
Isotopically labeled recovery standards	Acceptable	Control limits were met
Matrix spike samples	Not applicable	Not required for analysis
Laboratory control samples	Acceptable	Control limits were met
Accuracy (precision)	Acceptable	Control limits were met
Method reporting limits	Acceptable	Data quality objectives were met
Qualitiative Idenfication Criteria	Acceptable	Control limits were met
OVERALL ASSESSMENT	**ACCEPTABLE**	**No data were qualified or rejected**

TABLE 3.4-5. SUMMARY OF QUALIFIED DATA— PRELIMINARY STUDY SAMPLES

Analytes	Number of Results			
	Total	Analyte Detected	Analyte Undetected	Total Qualified
Inorganic Compounds				
Sediment				
Total organic carbon	22	22	--	--
Total solids	22	22	--	--
Subtotal:	**44**	**44**	**0**	**0**
Metals				
Surface Water				
Total mercury, whole	19	19	--	--
Total mercury, dissolved	19	19	--	--
Methylmercury, whole	19	19	--	--
Methylmercury, dissolved	19	19	--	--
Total suspended solids	19	19	--	--
Sediment				
Total mercury	24	23	1	--
Methylmercury	2	2	--	--
Total solids	2	2	--	--
Subtotal:	**123**	**122**	**1**	**0**
PCB Congeners				
Invertebrate, Spartina, and Sediment				
PCB Congener 3	7	--	7	--
PCB Congener 15	7	--	7	--
PCB Congener 18	7	--	7	--
PCB Congener 28	7	1	6	--
PCB Congener 44	7	--	7	--
PCB Congener 52	7	--	7	--
PCB Congener 66	7	--	7	--
PCB Congener 77	7	--	7	--
PCB Congener 81	7	--	7	--
PCB Congener 101	7	1	6	--
PCB Congener 105	7	--	7	--
PCB Congener 114	7	--	7	--
PCB Congener 118	7	--	7	--
PCB Congener 123	7	--	7	--
PCB Congener 126	7	--	7	--
PCB Congener 128	7	--	7	--
PCB Congener 138	7	1	6	--
PCB Congener 153	7	4	3	--
PCB Congener 156	7	--	7	--
PCB Congener 157	7	--	7	--
PCB Congener 167	7	--	7	--
PCB Congener 169	7	--	7	--
PCB Congener 170	7	1	6	--
PCB Congener 180	7	6	1	--
PCB Congener 187	7	7	--	--

TABLE 3.4-5. (cont.)

Analytes	Number of Results			
	Total	Analyte Detected	Analyte Undetected	Total Qualified
PCB Congener 189	7	--	7	--
PCB Congener 195	7	2	5	--
PCB Congener 202	7	6	1	--
PCB Congener 206	7	7	--	--
PCB Congener 207	7	7	--	--
PCB Congener 209	7	7	--	--
PCB Congener Total Mono	7	--	7	--
PCB Congener Total Di	7	--	7	--
PCB Congener Total Tri	7	1	6	--
PCB Congener Total Tetra	7	--	7	--
PCB Congener Total Penta	7	1	6	--
PCB Congener Total Hexa	7	5	2	--
PCB Congener Total Hepta	7	7	--	--
PCB Congener Total Octa	7	7	--	--
PCB Congener Total Nona	7	7	--	--
Subtotal:	**280**	**78**	**202**	**0**
PCBs				
Sediment				
Aroclor® 1016	22	--	22	--
Aroclor® 1221	22	--	22	--
Aroclor® 1232	22	--	22	--
Aroclor® 1242	22	--	22	--
Aroclor® 1248	22	--	22	--
Aroclor® 1254	22	--	22	--
Aroclor® 1260	22	--	22	--
Aroclor® 1268	22	22	--	--
Subtotal:	**176**	**22**	**154**	**0**
TOTAL	**623**	**266**	**357**	**0**

Section 3.5

Toxicity Test Sediment Data Validation Summary and Data Qualifier Summary

TABLE 3.5-1. SUMMARY OF QUALITY CONTROL CHECKS—CONVENTIONAL ANALYTES IN TOXICITY TEST SEDIMENT SAMPLES

Quality Control Check	Status	Comment
Completeness	100 percent complete	221 results reported; no results were rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using methods described in the quality assurance project plan (PTI 1996)
Instrument performance	Acceptable	
Calibration	Acceptable	Control limits were met
Method blank	Acceptable	Control limits were met
Accuracy (bias or recovery)		
Matrix spike samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	Control limits were met
Accuracy (precision)	Acceptable	Some grain size fractions exceeded the control limit because of the small sample sizes of the fractions. No action was taken.
Method reporting limits	Acceptable	Data quality objectives were met
OVERALL ASSESSMENT	**ACCEPTABLE**	**No data were qualified or rejected**

TABLE 3.5-2. SUMMARY OF QUALITY CONTROL CHECKS—METALS IN TOXICITY TEST SEDIMENT SAMPLES

Quality Control Check	Status	Comment
Completeness	100 percent complete	407 results reported; no results were rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using methods described in the quality assurance project plan (PTI 1996)
Instrument performance	Acceptable	
Calibration	Acceptable	Control limits were met
Method blank	Acceptable	Control limits were met
Accuracy (bias or recovery)		
Matrix spike samples	Acceptable	17 antimony, 15 selenium, and 2 silver results qualified because matrix spike recoveries were below the control limit
Laboratory control samples	Acceptable	Control limits were met
Accuracy (precision)	Acceptable	Control limits were met
Method reporting limits	Acceptable	Data quality objectives were met
OVERALL ASSESSMENT	**ACCEPTABLE**	**Qualifiers were added to selected results; see section noted above**

TABLE 3.5-3. SUMMARY OF QUALITY CONTROL CHECKS— SEMIVOLATILE ORGANIC COMPOUNDS IN TOXICITY TEST SEDIMENT SAMPLES

Quality Control Check	Status	Comment
Completeness	100 percent complete	1,139 results reported; no results were rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using SW-846 Method 8270 (GC/MS) as described in the quality assurance project plan (PTI 1996)
Instrument performance	Acceptable	
Calibration	Acceptable;	6 results qualified as estimated (*J*) because the continuing calibration verification (25 percent difference control limit) was not met for specific compounds
Method blank	Acceptable	11 results restated as undetected (*U*) because analytes were detected in the method blanks
Accuracy (bias or recovery)		
Surrogate compounds	Acceptable	Control limits were met
Matrix spike samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	Control limits were met
Accuracy (precision)	Acceptable	Control limits were met
Method reporting limits	Acceptable	Data quality objectives were met; 38 results qualified as estimated (*J*) because the reported concentration was greater than the method detection limit but below the method reporting limit
OVERALL ASSESSMENT	**ACCEPTABLE**	**Qualifiers were added to selected results; see sections noted above**

TABLE 3.5-4. SUMMARY OF QUALITY CONTROL CHECKS—PESTICIDES AND PCBs IN TOXICITY TEST SEDIMENT SAMPLES

Quality Control Check	Status	Comment
Completeness	100 percent complete	459 results reported; no results were rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using GC/ECD as described in the quality assurance project plan (PTI 1996)
Instrument performance	Acceptable	Control limits were met
Calibration	Acceptable	Control limits were met
Method blank	Acceptable	Control limits were met
Accuracy (bias or recovery)		
Surrogate compounds	Acceptable	Control limits were met
Matrix spike samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	Control limits were met
Accuracy (precision)	Acceptable	Control limits were met
Method reporting limits	Acceptable	Data quality objectives were met; some method reporting limits elevated because of sample matrix interferences
OVERALL ASSESSMENT	**ACCEPTABLE**	**No data were qualified or rejected**

TABLE 3.5-5. SUMMARY OF QUALIFIED DATA—TOXICITY TEST SEDIMENT SAMPLES

Analytes	Number of Results				Number of Detected Values Qualified				Number of Undetected Values Qualified		
	Total	Analyte Detected	Analyte Undetected	Total Qualified	Total Qualified	Below Calibration Range	Spike Recovery	Restated as Undetected	Total Qualified	Spike Recovery	Instrument Calibration
Inorganic Compounds											
Ammonia-nitrogen	17	17	--	--	--	--	--	--	--	--	--
Cyanide	17	--	17	--	--	--	--	--	--	--	--
Sulfides	17	17	--	--	--	--	--	--	--	--	--
Total organic carbon	17	17	--	--	--	--	--	--	--	--	--
Grain size fractions (% of dry weight)											
gravel (>2 mm)	17	1	16	--	--	--	--	--	--	--	--
1.0-2.0 mm	17	12	5	--	--	--	--	--	--	--	--
0.50-1.0 mm	17	17	--	--	--	--	--	--	--	--	--
0.25-0.50 mm	17	17	--	--	--	--	--	--	--	--	--
0.125 to 0.25 mm	17	17	--	--	--	--	--	--	--	--	--
0.062 to 0.125 mm	17	17	--	--	--	--	--	--	--	--	--
silt (0.004-0.062 mm)	17	17	--	--	--	--	--	--	--	--	--
clay (0.00024-0.004 mm)	17	17	--	--	--	--	--	--	--	--	--
Total solids	17	17	--	--	--	--	--	--	--	--	--
Subtotal:	**221**	**183**	**38**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Metals											
Aluminum	17	17	--	--	--	--	--	--	--	--	--
Antimony	17	17	--	17	17	--	17	--	--	--	--
Arsenic	17	17	--	--	--	--	--	--	--	--	--
Barium	17	17	--	--	--	--	--	--	--	--	--
Beryllium	17	17	--	--	--	--	--	--	--	--	--
Cadmium	17	17	--	--	--	--	--	--	--	--	--
Calcium	17	17	--	--	--	--	--	--	--	--	--
Chromium	17	17	--	--	--	--	--	--	--	--	--
Cobalt	17	17	--	--	--	--	--	--	--	--	--
Copper	17	17	--	--	--	--	--	--	--	--	--
Iron	17	17	--	--	--	--	--	--	--	--	--
Lead	17	17	--	--	--	--	--	--	--	--	--
Magnesium	17	17	--	--	--	--	--	--	--	--	--
Manganese	17	17	--	--	--	--	--	--	--	--	--
Totalmercury	17	17	--	--	--	--	--	--	--	--	--
Methylmercury	16	16	--	--	--	--	--	--	--	--	--
Nickel	17	17	--	--	--	--	--	--	--	--	--
Potassium	17	17	--	--	--	--	--	--	--	--	--
Selenium	17	2	15	15	--	--	--	--	15	15	--
Silver	17	15	2	2	2	--	2	--	--	--	--
Sodium	17	17	--	--	--	--	--	--	--	--	--

TABLE 3.5-5. (cont.)

Analytes	Number of Results				Number of Detected Values Qualified			Restated	Number of Undetected Values Qualified		
	Total	Analyte Detected	Analyte Undetected	Total Qualified	Total Qualified	Below Calibration Range	Spike Recovery	as Undetected	Total Qualified	Spike Recovery	Instrument Calibration
Thallium	17	17	--	--	--	--	--	--	--	--	--
Vanadium	17	17	--	--	--	--	--	--	--	--	--
Zinc	17	17	--	--	--	--	--	--	--	--	--
Subtotal:	**407**	**390**	**17**	**32**	**17**	**0**	**17**	**0**	**15**	**15**	**0**
Semivolatile Organic Compounds											
Chlorinated Aromatic Hydrocarbons											
1,2-Dichlorobenzene	17	--	17	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	17	--	17	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	17	--	17	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	17	--	17	--	--	--	--	--	--	--	--
Hexachlorobenzene	17	6	11	6	6	6	--	--	--	--	--
2-Chloronaphthalene	17	--	17	--	--	--	--	--	--	--	--
Low Molecular Weight Polycyclic Aromatic Hydrocarbons											
Naphthalene	17	--	17	--	--	--	--	--	--	--	--
Acenaphthylene	17	--	17	--	--	--	--	--	--	--	--
Acenaphthene	17	--	17	--	--	--	--	--	--	--	--
Fluorene	17	--	17	--	--	--	--	--	--	--	--
Phenanthrene	17	--	17	--	--	--	--	--	--	--	--
Anthracene	17	--	17	--	--	--	--	--	--	--	--
2-Methylnaphthalene	17	--	17	--	--	--	--	--	--	--	--
High Molecular Weight Polycyclic Aromatic Hydrocarbons											
Fluoranthene	17	5	12	5	5	5	--	--	--	--	--
Pyrene	17	7	10	7	7	7	--	--	--	--	--
Benz[a]anthracene	17	5	12	5	5	5	--	--	--	--	--
Chrysene	17	4	13	4	4	4	--	--	--	--	--
Benzo[b]fluoranthene	17	2	15	2	2	2	--	--	--	--	--
Benzo[k]fluoranthene	17	2	15	2	2	2	--	--	--	--	--
Benzo[a]pyrene	17	1	16	1	1	1	--	--	--	--	--
Indeno[1,2,3-cd]pyrene	17	0	17	--	--	--	--	--	--	--	--
Dibenz[a,h]anthracene	17	--	17	--	--	--	--	--	--	--	--
Benzo[ghi]perylene	17	1	16	1	1	1	--	--	--	--	--
Phenols											
Phenol	17	--	17	--	--	--	--	--	--	--	--
2-Methylphenol	17	--	17	--	--	--	--	--	--	--	--
3- and 4-Methylphenol	17	--	17	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	17	--	17	--	--	--	--	--	--	--	--
Substituted Phenols											
2-Chlorophenol	17	--	17	--	--	--	--	--	--	--	--

TABLE 3.5-5. (cont.)

Analytes	Number of Results				Number of Detected Values Qualified				Number of Undetected Values Qualified		
	Total	Analyte Detected	Analyte Undetected	Total Qualified	Total Qualified	Below Calibration Range	Spike Recovery	Restated as Undetected	Total Qualified	Spike Recovery	Instrument Calibration
2,4-Dichlorophenol	17	--	17	--	--	--	--	--	--	--	--
4-Chloro-3-methylphenol	17	--	17	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	17	--	17	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	17	--	17	--	--	--	--	--	--	--	--
Pentachlorophenol	17	--	17	--	--	--	--	--	--	--	--
2-Nitrophenol	17	--	17	--	--	--	--	--	--	--	--
4-Nitrophenol	17	--	17	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	17	--	17	--	--	--	--	--	--	--	--
2-Methyl-4,6-dinitrophenol	17	--	17	--	--	--	--	--	--	--	--
Chlorinated Aliphatic Hydrocarbons											
Hexachloroethane	17	4	13	4	4	4	--	--	--	--	--
Hexachlorobutadiene	17	--	17	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	17	--	17	--	--	--	--	--	--	--	--
Halogenated Ethers											
Bis[2-chloro-ethyl]ether	17	--	17	--	--	--	--	--	--	--	--
Bis(2-chloro-isopropyl) ether	17	--	17	--	--	--	--	--	--	--	--
4-Chlorophenylphenyl ether	17	--	17	--	--	--	--	--	--	--	--
4-Bromophenylphenyl ether	17	--	17	--	--	--	--	--	--	--	--
Bis(2-chloro-ethoxy)methane	17	--	17	--	--	--	--	--	--	--	--
Phthalates											
Dimethylphthalate	17	--	17	--	--	--	--	--	--	--	--
Diethylphthalate	17	--	17	--	--	--	--	--	--	--	--
Di-*n*-butylphthalate	17	1	16	1	1	1	--	--	--	--	--
Butylbenzylphthalate	17	--	17	--	--	--	--	--	--	--	--
Bis[2-ethylhexyl]phthalate	17	6	11	--	--	--	--	11	--	--	--
Di-*n*-octylphthalate	17	--	17	--	--	--	--	--	--	--	--
Miscellaneous Oxygenated Compounds											
Isophorone	17	--	17	--	--	--	--	--	--	--	--
Dibenzofuran	17	--	17	--	--	--	--	--	--	--	--
Benzyl alcohol	17	--	17	--	--	--	--	--	--	--	--
Benzoic acid	17	--	17	--	--	--	--	--	--	--	--
Organonitrogen Compounds											
Nitrobenzene	17	--	17	--	--	--	--	--	--	--	--
N-nitrosodimethylamine	17	2	15	2	--	--	--	--	2	--	2
N-nitroso-di-*n*-propylamine	17	--	17	--	--	--	--	--	--	--	--
Aniline	17	2	15	2	--	--	--	--	2	--	2
2-Nitroaniline	17	--	17	--	--	--	--	--	--	--	--
3-Nitroaniline	17	--	17	--	--	--	--	--	--	--	--

TABLE 3.5-5. (cont.)

Analytes	Number of Results				Number of Detected Values Qualified				Number of Undetected Values Qualified		
	Total	Analyte Detected	Analyte Undetected	Total Qualified	Total Qualified	Below Calibration Range	Spike Recovery	Restated as Undetected	Total Qualified	Spike Recovery	Instrument Calibration
4-Nitroaniline	17	--	17	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	17	--	17	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	17	--	17	--	--	--	--	--	--	--	--
N-nitrosodiphenylamine	17	--	17	--	--	--	--	--	--	--	--
4-Chloroaniline	17	--	17	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	17	2	15	2	--	--	--	--	2	--	2
Subtotal:	**1,139**	**50**	**1,089**	**44**	**38**	**38**	**0**	**11**	**6**	**0**	**6**
Pesticides and PCBs											
alpha-Hexachlorocyclohexane	17	--	17	--	--	--	--	--	--	--	--
beta-Hexachlorocyclohexane	17	--	17	--	--	--	--	--	--	--	--
delta-Hexachlorocyclohexane	17	--	17	--	--	--	--	--	--	--	--
gamma-Hexachlorocyclohexane	17	--	17	--	--	--	--	--	--	--	--
Aldrin	17	--	17	--	--	--	--	--	--	--	--
Chlordane	17	--	17	--	--	--	--	--	--	--	--
Dieldrin	17	--	17	--	--	--	--	--	--	--	--
alpha-Endosulfan	17	--	17	--	--	--	--	--	--	--	--
beta-Endosulfan	17	--	17	--	--	--	--	--	--		
Endosulfan sulfate	17	--	17	--	--	--	--	--	--	--	--
Endrin	17	--	17	--	--	--	--	--	--	--	--
Endrin aldehyde	17	--	17	--	--	--	--	--	--	--	--
Heptachlor epoxide	17	--	17	--	--	--	--	--	--	--	--
Heptachlor	17	--	17	--	--	--	--	--	--	--	--
Methoxychlor	17	--	17	--	--	--	--	--	--	--	--
4,4'-DDD	17	--	17	--	--	--	--	--	--	--	--
4,4'-DDE	17	--	17	--	--	--	--	--	--	--	--
4,4'-DDT	17	--	17	--	--	--	--	--	--	--	--
Toxaphene	17	--	17	--	--	--	--	--	--	--	--
Aroclor® 1016	17	--	17	--	--	--	--	--	--	--	--
Aroclor® 1221	17	--	17	--	--	--	--	--	--	--	--
Aroclor® 1232	17	--	17	--	--	--	--	--	--	--	--
Aroclor® 1242	17	--	17	--	--	--	--	--	--	--	--
Aroclor® 1248	17	--	17	--	--	--	--	--	--	--	--
Aroclor® 1254	17	--	17	--	--	--	--	--	--	--	--
Aroclor® 1260	17	--	17	--	--	--	--	--	--	--	--
Aroclor® 1268	17	17	--	--	--	--	--	--	--	--	--
Subtotal:	**459**	**17**	**442**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
TOTAL	**2,226**	**640**	**1,586**	**76**	**55**	**38**	**17**	**11**	**21**	**15**	**6**

5 12 14

Section 3.6

Mercury Methylation Data Validation Summary and Data Qualifier Summary

TABLE 3.6-1. SUMMARY OF QUALITY CONTROL CHECKS—MERCURY AND SUSPENDED SOLIDS IN MERCURY METHYLATION SURFACE WATER SAMPLES

Quality Control Check	Status	Comment
Completeness	100 percent complete	315 results reported; no results were rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using methods described in the quality assurance project plan (PTI 1996)
Instrument performance	Acceptable	
Calibration	Acceptable	Control limits were met
Method blank	Acceptable	4 total mercury and 20 methylmercury results restated as undetected (*U*) because these analytes were detected in the method blanks
Accuracy (bias or recovery)		
Matrix spike samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	Control limits were met
Accuracy (precision)	Acceptable	Control limits were met
Method reporting limits	Acceptable	Data quality objectives were met
OVERALL ASSESSMENT	**ACCEPTABLE**	**Qualifiers were added to selected results; see section noted above**

TABLE 3.6-2. SUMMARY OF QUALIFIED DATA—MERCURY METHYLATION SURFACE WATER SAMPLES

	Number of Results			Restated	
	Total	Analyte Detected	Analyte Undetected	as Undetected	Total Qualified
Metals					
Total mercury, dissolved	63	61	2	2	--
Total mercury, whole	63	61	2	2	--
Methylmercury, dissolved	63	44	19	18	--
Methylmercury, whole	63	59	4	2	--
Total solids, suspended	63	62	1	0	--
TOTAL	**315**	**287**	**28**	**24**	**0**

5 12 14

Section 3.7

Food Web Tissue and Vegetation Data Validation Summary and Data Qualifier Summary

TABLE 3.7-1. SUMMARY OF QUALITY CONTROL CHECKS—METALS AND TOTAL SOLIDS IN FOOD WEB TISSUE AND VEGETATION SAMPLES

Quality Control Check	Status	Comment
Completeness	100 percent complete	92 results reported; 3 results were rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using methods described in the quality assurance project plan (PTI 1996)
Instrument performance	Acceptable	
Calibration	Acceptable	Control limits were met
Method blank	Acceptable	Control limits were met
Accuracy (bias or recovery)		
Matrix spike samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	Control limits were met
Accuracy (precision)	Acceptable	Control limits were met
Method reporting limits	Acceptable	Data quality objectives were met
OVERALL ASSESSMENT	**ACCEPTABLE**	**Three results were rejected**

TABLE 3.7-2. SUMMARY OF QUALITY CONTROL CHECKS—POLYCYCLIC AROMATIC HYDROCARBONS IN FOOD WEB TISSUE AND VEGETATION SAMPLES

Quality Control Check	Status	Comment
Completeness	100 percent complete	378 results reported; no results were qualified or rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using GC/MS-SIM as described in the quality assurance project plan (PTI 1996)
Instrument performance	Acceptable	Control limits were met
Calibration	Acceptable	Control limits were met
Method blank	Acceptable	Control limits were met
Accuracy (bias or recovery)		
Surrogate compounds	Acceptable	Control limits were met
Matrix spike samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	Control limits were met
Accuracy (precision)	Acceptable	Control limits were met
Method reporting limits	Acceptable	Data quality objectives were met; method reporting limits for 2-methyl-naphthalene for all samples (except spartina grass) were elevated due to unknown co-eluting compound
OVERALL ASSESSMENT	**ACCEPTABLE**	**No data were qualified or rejected**

TABLE 3.7-3. SUMMARY OF QUALITY CONTROL CHECKS—LIPIDS AND POLYCHLORINATED BIPHENYLS IN FOOD WEB TISSUE AND VEGETATION SAMPLES

Quality Control Check	Status	Comment
Completeness	100 percent complete	183 results reported; no results were rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using GC/ECD as described in the quality assurance project plan (PTI 1996)
Instrument performance	Acceptable	Control limits were met
Calibration	Acceptable	Control limits were met
Method blank	Acceptable	Control limits were met
Accuracy (bias or recovery)		
Surrogate compounds	Acceptable	Control limits were met
Matrix spike samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	Control limits were met
Accuracy (precision)	Acceptable	Control limits were met
Method reporting limits	Acceptable	Data quality objectives were met; some reporting limits were elevated because of sample matrix interferences
OVERALL ASSESSMENT	**ACCEPTABLE**	**No data were qualified or rejected**

TABLE 3.7-4. SUMMARY OF QUALIFIED DATA—FOOD WEB TISSUE AND VEGETATION SAMPLES

	Number of Results				
	Total	Analyte Detected	Analyte Undetected	Total Qualified	Rejected
Metals					
(wet)					
Lead	23	23	--	--	--
Total mercury	23	23	--	--	--
Methylmercury	23	23	--	--	--
Total Solids	22	22	--	--	3
Subtotal:	**91**	**91**	--	**0**	3
Semivolatile Organic Compounds (wet)					
Low Molecular Weight Polycyclic Hydrocarbons					
Naphthalene	21	--	21	--	--
Acenaphthylene	21	--	21	--	--
Acenaphthene	21	--	21	--	--
Fluorene	21	--	21	--	--
Phenanthrene	21	8	13	--	--
Anthracene	21	9	12	--	--
2-Methylnaphthalene	21	--	21	--	--
High Molecular Weight Polycyclic Hydrocarbons					
Fluoranthene	21	--	21	--	--
Pyrene	21	1	20	--	--
Benz[a]anthracene	21	1	20	--	--
Chrysene	21	1	20	--	--
Benzo[b]fluoranthene	21	1	20	--	--
Benzo[k]fluoranthene	21	1	20	--	--
Benzo[a]pyrene	21	1	20	--	--
Indeno[1,2,3-cd]pyrene	21	--	21	--	--
Dibenz[a,h]anthracene	21	--	21	--	--
Benzo[ghi]perylene	21	--	21	--	--
Miscellaneous Oxygenated Compounds				--	--
Dibenzofuran	21	--	21	--	--
Subtotal:	**378**	**23**	**355**	**0**	**0**
PCBs (wet)					
Aroclor® 1016	21	--	21	--	--
Aroclor® 1221	21	--	21	--	--
Aroclor® 1232	21	--	21	--	--
Aroclor® 1242	21	--	21	--	--
Aroclor® 1248	21	--	21	--	--
Aroclor® 1254	21	--	21	--	--
Aroclor® 1260	21	--	21	--	--
Aroclor® 1268	21	16	5	--	--
Lipid	15	15	--	--	--
Subtotal:	**183**	**31**	**152**	**0**	**0**
TOTAL	**652**	**145**	**507**	**0**	**3**

3 12 150

Section 3.8

Terrapin Tissues Data Validation Summary and Data Qualifier Summary

TABLE 3.8-1. SUMMARY OF QUALITY CONTROL CHECKS—LEAD, MERCURY, METHYLMERCURY, AND TOTAL SOLIDS IN TERRAPIN TISSUES SAMPLES

Quality Control Check	Status	Comment
Completeness	100 percent complete	15 results reported; no results were rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using methods described in the quality assurance project plan (PTI 1996)
Instrument performance	Acceptable	
Calibration	Acceptable	Control limits were met
Method blank	Acceptable	Control limits were met
Accuracy (bias or recovery)		
Matrix spike samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	Control limits were met
Accuracy (precision)	Acceptable	Control limits were met
Method reporting limits	Acceptable	Data quality objectives were met
OVERALL ASSESSMENT	**ACCEPTABLE**	**No data were qualified or rejected**

TABLE 3.8-2. SUMMARY OF QUALITY CONTROL CHECKS—POLYCYCLIC AROMATIC HYDROCARBONS IN TERRAPIN TISSUE SAMPLES

Quality Control Check	Status	Comment
Completeness	100 percent complete	54 results reported; no results were rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using GC/MS-SIM as described in the quality assurance project plan (PTI 1996)
Instrument performance	Acceptable	
Calibration	Acceptable	Control limits were met
Method blank	Acceptable	Control limits were met
Accuracy (bias or recovery)		
Surrogate compounds	Acceptable	Control limits were met
Matrix spike samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	Control limits were met
Accuracy (precision)	Acceptable	Control limits were met
Method reporting limits	Acceptable	Data quality objectives were met. 11 results qualified as estimated (*J*) because the reported concentration was greater than the method detection limit but below the method reporting limit
OVERALL ASSESSMENT	**ACCEPTABLE**	**Qualifiers were added to selected results; see sections noted above**

TABLE 3.8-3. SUMMARY OF QUALITY CONTROL CHECKS—PCBs AND LIPIDS IN TERRAPIN TISSUES SAMPLES

Quality Control Check	Status	Comment
Completeness	100 percent complete	36 results reported; no results were rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using GC/ECD as described in the quality assurance project plan (PTI 1996)
Instrument performance	Acceptable	
Calibration	Acceptable	Control limits were met
Method blank	Acceptable	Control limits were met
Accuracy (bias or recovery)		
Surrogate compounds	Acceptable	Control limits were met
Matrix spike samples	Acceptable	Control limits were met
Laboratory control samples	Acceptable	Control limits were met
Accuracy (precision)	Acceptable	Control limits were met
Method reporting limits	Acceptable	Data quality objectives were met. 1 result qualified as estimated (*J*) because the reported concentration was greater than the method detection limit but below the method reporting limit
OVERALL ASSESSMENT	**ACCEPTABLE**	**Qualifiers were added to selected results; see section noted above**

TABLE 3.8-4. SUMMARY OF QUALITY CONTROL CHECKS – PCB CONGENERS IN TURTLE TISSUE SAMPLES

Quality Control Check	Status	Comment
Completeness	100 percent complete	98 results reported; no results were rejected
Holding times	Acceptable	Holding time constraints were met
Analytical methods	Acceptable	Analyses conducted using HRGC/HRMS-SIM as described in the quality assurance project plan (PTI 1996)
Instrument performance	Acceptable	Control limits were met
Calibration	Acceptable	Control limits were met
Method blank	Acceptable	29 results were restated as undetected (*U*) and 4 results were qualified as estimated (*J*) because analytes were detected in the method blanks
Accuracy (bias or recovery)		
Isotopically labeled internal standards	Acceptable	25 results were qualified as estimated (*J*) because some recoveries were above the upper control limit of 130 percent
Isotopically labeled surrogate compounds	Acceptable	Control limits were met
Isotopically labeled recovery standards	Acceptable	Control limits were met
Matrix spike samples	Not applicable	Not required for analysis
Laboratory control samples	Acceptable	6 results qualified as estimated (*J*) because some recoveries were below the lower 70 percent control limit in some laboratory control sample and duplicate laboratory control sample analyses
Accuracy (precision)	Acceptable	Control limits were met for all duplicate laboratory control sample analyses; the 50 percent relative difference for duplicate sample analyses was not met for 7 results in one duplicate sample analysis; no results qualified
Method reporting limits	Acceptable	Data quality objectives were met
Qualitative Identification Criteria	Acceptable	10 results qualified as estimated (*J*) because criteria for compound identification did not meet method-specific control limits, or because matrix interferences affected quantification; see *Qualitative Identification Criteria for PCB Congener Analyses* section.
OVERALL ASSESSMENT	**ACCEPTABLE**	**Qualifiers were added to selected results; see sections noted above**

TABLE 3.8-5. SUMMARY OF QUALIFIED DATA—TERRAPIN SAMPLES

Analytes	Number of results: Total	Analyte Detected	Analyte Undetected	Total Qualified	Number of detected values qualified: Total Qualified	Below calibration range		Blank Contamination	Restated as undetected	LCS recoveries below control limit	Estimated maximum possible concentration	Total qualified
Inorganics												
Total solids	4	4	--	--	--	--	--	--	--	--	--	--
subtotal:	**4**	**4**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Metals												
Lead	3	3	--	--	--	--	--	--	--	--	--	--
Mercury	4	4	--	--	--	--	--	--	--	--	--	--
Methyl-mercury	4	4	--	--	--	--	--	--	--	--	--	--
subtotal:	**11**	**11**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Semivolatile Organic Compounds												
Low Molecular Weight Polycyclic Aromatic Hydrocarbons												
Naphthalene	3	2	1	2	2	2	5	--	--	--	--	--
Acenaphthylene	3	1	2	1	1	1	5	--	--	--	--	--
Acenaphthene	3	--	3	--	--	--	5	--	--	--	--	--
Fluorene	3	--	3	--	--	--	5	--	--	--	--	--
Phenanthrene	3	3	--	1	1	1	5	--	--	--	--	--
Anthracene	3	3	--	3	3	3	5	--	--	--	--	--
2-Methyl-naphthalene	3	--	3	--	--	--	5	--	--	--	--	--
High Molecular Weight Polycyclic Aromatic Hydrocarbons												
Fluoranthene	3	--	3	--	--	--	5	--	--	--	--	--
Pyrene	3	--	3	--	--	--	5	--	--	--	--	--
Benz[a]anthracene	3	2	1	2	2	2	5	--	--	--	--	--
Chrysene	3	2	1	2	2	2	5	--	--	--	--	--
Benzo[b]fluoranthene	3	--	3	--	--	--	5	--	--	--	--	--
Benzo[k]fluoranthene	3	--	3	--	--	--	5	--	--	--	--	--
Benzo[a]pyrene	3	--	3	--	--	--	5	--	--	--	--	--
Indeno[1,2,3-cd]pyrene	3	--	3	--	--	--	5	--	--	--	--	--
Dibenz[a,h]anthracene	3	--	3	--	--	--	5	--	--	--	--	--
Benzo[ghi]perylene	3	--	3	--	--	--	5	--	--	--	--	--
Mixcellaneous Oxygenated Compounds												
Dibenzofuran	3	--	3	--	--	--	5	--	--	--	--	--
subtotal:	**54**	**13**	**41**	**11**	**11**	**11**	**10**	**0**	**0**	**0**	**0**	**0**

TABLE 3.8-5. (cont.)

Analytes	Number of results				Number of detected values qualified							
	Total	Analyte Detected	Analyte Undetected	Total Qualified	Total Qualified	Below calibration range		Blank Contamination	Restated as undetected	LCS recoveries below control limit	Estimated maximum possible concentration	Total qualified
PCB Congeners												
PCB Congener 3	2	--	2	--		--	--	--	--	--	--	--
PCB Congener 15	2	--	2	--		--	--	--	--	--	--	--
PCB Congener 18	2	--	2	--	2	--	--	--	2	--	--	--
PCB Congener 28	2	--	2	--	2	--	--	--	2	--	--	--
PCB Congener 44	2	--	2	--	2	--	--	--	2	--	--	--
PCB Congener 47	2	2	--	2	2	--	--	--	--	--	2	--
PCB Congener 49	2	--	2	--		--	--	--	2	--	--	--
PCB Congener 52	2	--	2	--		--	--	--	2	--	--	--
PCB Congener 66	2	1	1	1	1	--	--	1	--	--	--	--
PCB Congener 77	2	--	2	--		--	--	--	--	--	--	--
PCB Congener 80	2	--	2	2	2	--	--	--	--	--	--	2
PCB Congener 81	2	--	2	--		--	--	--	--	--	--	--
PCB Congener 101	2	--	2	2	2	--	--	--	2	2	--	--
PCB Congener 105	2	2	--	1	1	--	--	--	--	--	1	--
PCB Congener 108	2	1	1	--		--	--	--	--	--	--	--
PCB Congener 114	2	--	2	--		--	--	--	--	--	--	--
PCB Congener 118	2	--	2	--	1	--	--	--	1	--	--	--
PCB Congener 123	2	--	2	--		--	--	--	--	--	--	--
PCB Congener 126	2	--	2	--		--	--	--	--	--	--	--
PCB Congener 128 and 167	2	1	1	--		--	--	--	--	--	--	--
PCB Congener 133	2	1	1	--		--	--	--	--	--	--	--
PCB Congener 136	2	--	2	2	2	--	--	--	2	2	--	--
PCB Congener 138	2	1	1	2	2	--	--	1	1	--	--	--
PCB Congener 153	2	1	1	--	1	--	--	--	1	--	--	--
PCB Congener 154	2	2	--	--		--	--	--	--	--	--	--
PCB Congener 155	2	1	1	--		--	--	--	--	--	--	--
PCB Congener 156	2	--	2	1	1	--	--	--	1	--	--	--
PCB Congener 157	2	1	1	1	1	--	--	--	--	--	1	--
PCB Congener 159	2	1	1	1	1	--	--	--	--	--	1	--
PCB Congener 168	2	--	2	--		--	--	--	--	--	--	--
PCB Congener 169	2	--	2	--		--	--	--	--	--	--	--
PCB Congener 170	2	--	2	1	1	--	--	--	1	--	--	--
PCB Congener 180	2	1	1	1	1	--	--	--	1	--	--	--

TABLE 3.8-5. (cont.)

Analytes	Number of results: Total	Analyte Detected	Analyte Undetected	Total Qualified	Number of detected values qualified: Total Qualified	Below calibration range		Blank Contamination	Restated as undetected	LCS recoveries below control limit	Estimated maximum possible concentration	Total qualified
PCB Congener 187	2	2	--	1	1	--	--	1	--	--	--	--
PCB Congener 189	2	--	2	--		--	--	--	--	--	--	--
PCB Congener 195	2	1	1	1	1	--	--	--	1	--	--	--
PCB Congener 202	2	2	--	--	--	--	--	--	--	--	--	--
PCB Congener 206	2	2	--	--	--	--	--	--	--	--	--	--
PCB Congener 207	2	2	--	--	--	--	--	--	--	--	--	--
PCB Congener 209	2	2	--	--	--	--	--	--	--	--	--	--
Total Mono	2	--	2	--	--	--	--	--	--	--	--	--
Total Di	2	--	2	2	2	--	--	--	2	--	--	--
Total Tri	2	--	2	2	2	--	--	--	2	--	--	--
Total Tetra	2	1	1	1	1	--	--	1	1	--	1	--
Total Penta	2	1	1	1	2	--	--	--	1	--	1	--
Total Hexa	2	1	1	1	2	--	--	--	1	--	1	--
Total Hepta	2	1	1	1	2	--	--	--	1	--	1	--
Total Octa	2	2	--	2	1	--	--	--	--	--	1	--
Total Nona	2	2	--	--	--	--	--	--	--	--	--	--
subtotal:	**98**	**35**	**63**	**29**	**39**	**0**	**0**	**4**	**29**	**4**	**10**	**2**
Pesticides and PCBs												
Aroclor® 1016	4	4	--	--	--	--	5	--	--	--	--	--
Aroclor® 1221	4	4	--	--	--	--	5	--	--	--	--	--
Aroclor® 1232	4	4	--	--	--	--	5	--	--	--	--	--
Aroclor® 1242	4	4	--	--	--	--	5	--	--	--	--	--
Aroclor® 1248	4	4	--	--	--	--	5	--	--	--	--	--
Aroclor® 1254	4	4	--	--	--	--	5	--	--	--	--	--
Aroclor® 1260	4	4	--	--	--	--	5	--	--	--	--	--
Aroclor® 1268	4	--	4	1	1	1	4	--	--	--	--	--
Lipid	4	--	4	--	--	--	--	--	--	--	--	--
subtotal:	**36**	**28**	**8**	**1**	**1**	**1**	**39**	**0**	**0**	**0**	**0**	**0**
TOTALS:	**203**	**91**	**112**	**43**	**51**	**12**	**49**	**4**	**29**	**4**	**10**	**2**

TABLE 3.8-5. (cont.)

Analytes	Number of undetected values qualified				
	Holding Times	Blank Contamination	Surrogate recovery	Instrument calibration	LCS recoveries below control limit
Inorganics					
Total solids	--	--	--	--	--
subtotal:	**0**	**0**	**0**	**0**	**0**
Metals					
Lead	--	--	--	--	--
Mercury	--	--	--	--	--
Methyl-mercury	--	--	--	--	--
subtotal:	**0**	**0**	**0**	**0**	**0**
Semivolatile Organic Compounds					
Low Molecular Weight Polycyclic Aromatic Hydrocarbons					
Naphthalene	--	--	--	--	--
Acenaphthylene	--	--	--	--	--
Acenaphthene	--	--	--	--	--
Fluorene	--	--	--	--	--
Phenanthrene	--	--	--	--	--
Anthracene	--	--	--	--	--
2-Methyl-naphthalene	--	--	--	--	--
High Molecular Weight Polycyclic Aromatic Hydrocarbons					
Fluoranthene	--	--	--	--	--
Pyrene	--	--	--	--	--
Benz[a]anthracene	--	--	--	--	--
Chrysene	--	--	--	--	--
Benzo[b]fluoranthene	--	--	--	--	--
Benzo[k]fluoranthene	--	--	--	--	--
Benzo[a]pyrene	--	--	--	--	--
Indeno[1,2,3-cd]pyrene	--	--	--	--	--
Dibenz[a,h]anthracene	--	--	--	--	--
Benzo[ghi]perylene	--	--	--	--	--
Mixcellaneous Oxygenated Compounds					
Dibenzofuran	--	--	--	--	--
subtotal:	**0**	**0**	**0**	**0**	**0**

TABLE 3.8-5. (cont.)

Analytes	Number of undetected values qualified				
	Holding Times	Blank Contamination	Surrogate recovery	Instrument calibration	LCS recoveries below control limit
PCB Congeners					
PCB Congener 3	--	--	--	--	--
PCB Congener 15	--	--	--	--	--
PCB Congener 18	--	--	--	--	--
PCB Congener 28	--	--	--	--	--
PCB Congener 44	--	--	--	--	--
PCB Congener 47	--	--	--	--	--
PCB Congener 49	--	--	--	--	--
PCB Congener 52	--	--	--	--	--
PCB Congener 66	--	--	--	--	--
PCB Congener 77	--	--	--	--	--
PCB Congener 80	--	--	--	--	2
PCB Congener 81	--	--	--	--	--
PCB Congener 101	--	--	--	--	--
PCB Congener 105	--	--	--	--	--
PCB Congener 108	--	--	--	--	--
PCB Congener 114	--	--	--	--	--
PCB Congener 118	--	--	--	--	--
PCB Congener 123	--	--	--	--	--
PCB Congener 126	--	--	--	--	--
PCB Congener 128 and 167	--	--	--	--	--
PCB Congener 133	--	--	--	--	--
PCB Congener 136	--	--	--	--	--
PCB Congener 138	--	--	--	--	--
PCB Congener 153	--	--	--	--	--
PCB Congener 154	--	--	--	--	--
PCB Congener 155	--	--	--	--	--
PCB Congener 156	--	--	--	--	--
PCB Congener 157	--	--	--	--	--
PCB Congener 159	--	--	--	--	--
PCB Congener 168	--	--	--	--	--
PCB Congener 169	--	--	--	--	--
PCB Congener 170	--	--	--	--	--
PCB Congener 180	--	--	--	--	--

TABLE 3.8-5. (cont.)

Analytes	Number of undetected values qualified				
	Holding Times	Blank Contamination	Surrogate recovery	Instrument calibration	LCS recoveries below control limit
PCB Congener 187	--	--	--	--	--
PCB Congener 189	--	--	--	--	--
PCB Congener 195	--	--	--	--	--
PCB Congener 202	--	--	--	--	--
PCB Congener 206	--	--	--	--	--
PCB Congener 207	--	--	--	--	--
PCB Congener 209	--	--	--	--	--
Total Mono	--	--	--	--	--
Total Di	--	--	--	--	--
Total Tri	--	--	--	--	--
Total Tetra	--	--	--	--	--
Total Penta	--	--	--	--	--
Total Hexa	--	--	--	--	--
Total Hepta	--	--	--	--	--
Total Octa	--	--	--	--	--
Total Nona	--	--	--	--	--
subtotal:	**0**	**0**	**0**	**0**	**2**
Pesticides and PCBs					
Aroclor® 1016	--	--	--	--	--
Aroclor® 1221	--	--	--	--	--
Aroclor® 1232	--	--	--	--	--
Aroclor® 1242	--	--	--	--	--
Aroclor® 1248	--	--	--	--	--
Aroclor® 1254	--	--	--	--	--
Aroclor® 1260	--	--	--	--	--
Aroclor® 1268	--	--	--	--	--
Lipid	--	--	--	--	--
subtotal:	**0**	**0**	**0**	**0**	**0**
TOTALS:	**0**	**0**	**0**	**0**	**2**

3 12 191

Section 4

Quality Assurance Review Summary—Amphipod Sediment Toxicity Test

QUALITY ASSURANCE REVIEW SUMMARY—AMPHIPOD SEDIMENT TOXICITY TEST

This report documents the results of the quality assurance review of the data generated in 1996 for the amphipod sediment toxicity test, as part of the ecological risk assessment for the marsh (estuarine) operable unit of the LCP Chemicals Site in Brunswick, Georgia. The quality assurance review was conducted to ensure that toxicity testing was conducted in accordance with the specification of the draft work plan (PTI and CDR 1996c) and draft sampling and analysis plan (PTI and CDR 1996a,b), and that data are acceptable for use in future stages of the RI/FS.

The quality assurance review consisted of an evaluation of the following major elements of the toxicity test:

- **Field Methods**—Were the major specifications of the field sampling procedures followed, as described in the draft field sampling plan (FSP; PTI and CDR 1996b)?
- **Laboratory Methods**—Were the major specifications of the laboratory testing procedures followed, as described in the draft quality assurance project plan (QAPP; PTI and CDR 1996b) and the statement of work submitted to the testing laboratory?
- **Sediment Holding Time**—Was each sediment sample tested within the specified holding time after field collection?
- **Water Quality Conditions**—Were water quality conditions within the specified ranges for each test chamber?
- **Negative Controls**—Were the responses in the negative controls within the specified limits?
- **Positive Controls**—Did the positive controls indicate that the test organisms were suitably responsive for testing?
- **Test Results**—Were there any unusual results that may not be representative of the true test results?

Throughout this report, the term "sample" refers to the whole sediment samples collected from each station in the field for toxicity testing. The term "replicate" refers to one of the five subsamples of each field-collected sediment sample that was subjected to toxicity testing in the laboratory.

FIELD METHODS

Sediment samples were collected for toxicity testing during two sampling events. For Phase I, sediment samples were collected from two stations from the marsh grid area and from one station at the Jointer Creek reference area. Sediment for the Phase I toxicity tests was collected between May 17 and May 20, 1996. Sediment from the site was mixed in varying proportions with sediment from the reference area to create a dilution series for toxicity testing.

For Phase II, sediment samples were collected from 46 stations between June 17 and June 21, 1996. Forty stations were located at the marsh grid, and three stations were located at each of the Clubbs Creek and Jointer Creek reference areas. Sediment from the reference areas was collected at the beginning and at the end of the Phase II sampling event. The toxicity tests performed for Phase II used undiluted sediment samples (i.e., 100 percent site or 100 percent reference sediment).

In Table 4-1, the major field collection specifications identified in the draft FSP (PTI 1996a) are compared with the actual field collection methods used during the ecological risk assessment investigation. There were no departures from the specifications of the FSP.

The overnight courier service (i.e., Federal Express) failed to provide overnight delivery of one of the sample shipments. This shipment contained sediments for 12 samples from the marsh grid (Stations A-1, A-3, A-5, A-7, C-1, C-3, C-5, C-7, G-5, G-7, G-9, and N-1). The sediment samples arrived at the testing laboratory the following day. The temperature of the samples was 13°C. It is possible that sediment can go anaerobic at temperatures >4°C due to the increased bacterial activity at higher temperatures. It was decided, however, that because the sediment would be reaerated prior to test initiation during sieving to remove indigenous amphipods, the increased temperature would not affect the toxicity test results (Pastorok 1996a,b, pers. comm.).

Based on the major field methods used to collect, process, and handle the test sediments, all of the toxicity results are considered acceptable for use in the ecological risk assessment.

LABORATORY METHODS

The analytical methods for the amphipod test were based on the guidelines described in U.S. EPA (1992) and revised by DeWitt (in prep). A work plan based on those methods was prepared by the analytical laboratory and reviewed by PTI Environmental Services. Sediments were tested in two phases. In Phase I, the test amphipods were exposed to a sediment dilution series and in Phase II, the test amphipods were exposed to 100 percent (i.e., undiluted) test sediment. Sediment samples for Phase I were tested in two batches, and sediment samples for Phase II were tested in six batches, each of which included a

negative control (Table 4-2). The major laboratory method specifications identified in U.S. EPA (1992) and revised by DeWitt (in prep), the QAPP (PTI 1996b), and the laboratory work plan are compared with the actual laboratory methods used in the ecological risk assessment in Table 4-3. The same toxicity testing protocols were used for both phases of toxicity testing. There was no general departure from the specifications of the original methods. However, a limited number of departures were found for specific samples. The sample-specific departures are described in the following sections of this report.

Based on the major laboratory methods used for testing, all of the toxicity test results are considered acceptable for use in the ecological risk assessment.

SEDIMENT HOLDING TIME

Phase I

Manipulation (i.e., sieving and mixing) of the test sediments is required to prepare the dilution series. After sediment manipulation, it is necessary to allow the sediments and pore water used in the dilution series to equilibrate. The specified equilibration period is 4–6 weeks. It was therefore not appropriate to apply a strict holding time of 14 days to the Phase I toxicity tests. The samples were collected between May 17 and May 20, 1996. Toxicity testing was initiated on July 9, 1996. An additional sediment concentration was added to the dilution series. Testing of this additional concentration was initiated on August 22, 1996.

Phase II

The holding times for sediment samples ranged from 8 to 14 days after collection (Table 4-2). The maximum specified holding time of 14 days was not exceeded during Phase II testing. However, because of laboratory failure to meet the required survival in the dedicated negative control sample, sediment samples from Batch A (i.e., onsite Stations E-2, E-3, E-4, and reference area Stations CR-1, CR-2, CR-3 BR-2, and BR-3) were re-tested. These samples exceeded the 14-day holding time by 51 days. These sediment samples were collected on June 18, 1996, and laboratory testing was reinitiated on August 22, 1996. Between June 18 and August 22, the sediment samples were held in the dark at 4°C. Although the maximum specified holding time was exceeded for these eight samples, a comparison between the results of the toxicity test conducted on sediments collected from Clubbs Creek and Jointer Creek at the beginning and at the end of the marsh sampling event show little variation.

Based on sediment holding time, all of the toxicity test results are considered acceptable for use in the ecological risk assessment.

WATER QUALITY CONDITIONS

The range of water quality conditions measured in the individual test chambers for the amphipod toxicity test are presented in Table 4-4. The specified range for test salinity was 20 ± 2 ppt, the specified range for water temperature was 25 ± 2°C, and the specified minimum dissolved oxygen concentration was >5 mg/L (DeWitt in prep). Although there were no specified ranges for pH, a range of 8 ± 1 pH units is a standard guide. These water quality variables were monitored during toxicity testing to provide potential interpretive information for replicates having unusual toxicity results.

The sample-specific departures from the specified water quality criteria for Phase I and Phase II are described in the following sections of this report. Water quality conditions in Phase II Batch A are described for the re-tested sediments.

Phase I

Salinity concentrations ranged from 18.5 to 22 ppt, water temperature ranged from 23.5 to 25.5°C, dissolved oxygen concentrations ranged from 5.8 to 7.4 mg/L, and values for pH ranged from 7.8 to 8.4. All of the water quality parameters were within the specified ranges.

Phase II

Salinity concentrations ranged from 19.0 to 22.5 ppt. Values greater than the specified maximum level of 22 ppt were found in Batches C, D, and F. Salinity values of 22.5 ppt were measured in one water quality monitoring replicate of Batch C at test initiation and in two replicates on Day 3. The salinity values decreased to acceptable levels in all of the water quality monitoring replicates by Day 5. The salinity remained <22 ppt for all replicates in Batch C until test termination. Salinity values of 22.5 ppt were measured in four water quality monitoring replicates of Batch D on Day 2. The salinity values decreased to acceptable levels in all of the water quality monitoring replicates by Day 4. The salinity remained <22 ppt for all replicates in Batch D until test termination. Salinity values of 22.5 ppt were measured in one water quality monitoring replicate of Batch F on Day 2. The salinity values decreased to acceptable levels in all of the water quality monitoring replicates by Day 4. The salinity remained <22 ppt for all replicates in Batch F until test termination. Because the suboptimal salinity levels were 0.5 ppt below the specified minimum level, it is unlikely that the low salinity levels in these few replicates influenced the test results.

Water temperature ranged from 22.8 to 27.0°C. Values less than the specified minimum level of 23°C were found in Batch F. A water temperature measurement of 22.8°C was recorded in one replicate at test initiation. The water temperature in this replicate increased to acceptable levels in by Day 2. The water temperature remained >23°C for all water quality monitoring replicates in Batch F until test termination. Because the

suboptimal water temperature level was 0.2°C below the specified minimum level and because the temperature returned to >23°C by Day 2, it is unlikely that the slightly low temperature in this test replicate influenced the test results.

Concentrations of dissolved oxygen ranged from 3.0 to 7.9 mg/L. Values less than the specified minimum level of 5 mg/L were found in single water quality monitoring replicates in Batch D (3.0 mg/L; Day 11), Batch E (4.8 mg/L; Day 10), and Batch F (4.9 mg/L; Day 23). Because the suboptimal dissolved oxygen levels were less than 0.3 mg/L (except for Batch B) below the specified minimum level, and because aeration was increased to all of the affected test replicates as soon as the decline was noted, it is unlikely that the low dissolved oxygen levels in these few replicates influenced the test results.

Values of pH ranged from 7.3 to 8.6 pH units. All of the concentrations were within the specified range of 8 ± 1 pH units.

Based on the water quality measurements made during testing, all of the toxicity test results are considered acceptable for use in the ecological risk assessment.

NEGATIVE CONTROLS

For both phases of toxicity testing, the negative controls consisted of clean sediment collected from Dungeness Bay (Sequim, Washington) that was stored in the dark at 4°C prior to testing.

Phase I

Negative controls were tested with both batches of test sediments. All of the values for percent survival in individual control chambers were greater than 95 percent. All of the mean values of percent survival in the negative controls were greater than the specified value of 80 percent (Table 4-5).

Phase II

Negative controls were tested with each of the six batches of test sediments. All of the percent survival values for individual control chambers were greater than 85 percent. Most of the mean values of percent survival in the negative controls were greater than the specified value of 80 percent (Table 4-5). However, survival in the negative control dedicated to Batch A was 54 percent. This batch of sediment samples was re-tested. Survival in the negative control dedicated to the re-tested Batch A was 99 percent.

Based on the negative controls, all of the toxicity test results (after the retest) are considered acceptable for use in the ecological risk assessment.

POSITIVE CONTROLS

Cadmium chloride was used as the positive control (i.e., reference toxicant) for both phases of toxicity testing. One replicate was tested for each concentration and an exposure period of 96 hours was used.

Phase I

Two sets of positive controls were tested using cadmium chloride as the reference toxicant. The start dates for the positive controls were July 9 and August 22, 1996. The following concentration series was used: 0.00, 0.16, 0.26, 0.43, 0.72, 1.20, and 2.00 mg/L of cadmium.

The LC_{50} values for all tests were within the range of 0.1–1.0 mg/L, typically measured for *L. plumulosus* neonates by the testing laboratory (DeWitt et al. 1996). The LC_{50} values and 95 percent confidence limits (in parentheses) for the positive controls were:

- July 9: 0.55 mg/L (0.34–0.89 mg/L)
- August 22: 0.39 mg/L (0.31–0.49 mg/L).

Phase II

Seven sets of positive controls were tested using cadmium chloride as the reference toxicant. The start dates for the positive controls were June 26, June 27, June 28, July 1, July 2, July 3, and August 22, 1996. The following concentration series was used: 0.00, 0.16, 0.26, 0.43, 0.72, 1.20, and 2.00 mg/L of cadmium.

The LC_{50} values for all tests were within the range of 0.1–1.0 mg/L, typically measured for *L. plumulosus* neonates by the testing laboratory (DeWitt et al. 1996). The LC_{50} values and 95 percent confidence limits (in parentheses) for the positive controls were:

- June 26: 0.31 mg/L (0.21–0.46 mg/L)
- June 27: 0.47 mg/L (0.26–0.82 mg/L)
- June 28: 0.23 mg/L (0.14–0.37 mg/L)
- July 1: 0.45 mg/L (0.38–0.54 mg/L)
- July 2: 0.45 mg/L (0.35–0.59 mg/L)

- July 3: 0.83 mg/L (not provided)
- August 22: 0.39 mg/L (0.31–0.49 mg/L).

These results indicate that the sensitivity of the test organisms was relatively constant throughout the test period. Based on the results of the positive controls, all of the toxicity results are considered acceptable for use in the ecological risk assessment.

ADDITIONAL QUALITY ASSURANCE ISSUES

The following quality assurance issues should also be considered in determining the acceptability of the Phase II amphipod toxicity test data:

- No test organisms were apparently seeded in the test chambers at the start of testing in two replicates in Batch B (Station E-5, Replicate 3 and Station E-8, Replicate 4).
- Test organisms were apparently double seeded at the start of testing in two replicates in Batch B (Station E-6, Replicate 1 and negative control, Replicate 1), in four replicates in Batch C (Station C-1, Replicate 4; Station N-1, Replicates 3 and 5; and negative control, Replicate 4), and in two replicates in Batch D (Station L-3, Replicate 5 and negative control, Replicate 5).
- Extra test organisms (i.e., amphipods) were alive at test termination (e.g., initial stocking density of 20 amphipods and 21 amphipods counted at test termination) in four replicates in Batch A (Retest) (Station E-2, Replicates 2 and 4; Station CR-2, Replicate 3; Station CR-3, Replicate 3); in four replicates in Batch D (Station J-7, Replicate 1; Station L-3, Replicate 1; Station L-5, Replicate 3; and negative control, Replicate 3); in one replicate in Batch E (Station H-2, Replicate 5); and in one replicate in Batch F (Station H-1, Replicate 2).
- Approximately 2–3 weeks into the exposure period, laboratory personnel observed small snails in almost all of the test and reference sediments in Batches A–F. No snails were observed in the negative control sediments. The snails were removed from the test chambers.

CONCLUSION

The data are considered acceptable for use in the ecological risk assessment. Most of the sediments tested in this study showed no evidence of chronic toxicity, with respect to survival or growth, in the estuarine amphipod *Leptocheirus plumulosus*.

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Tables

TABLE 4-1. COMPARISON OF MAJOR FIELD COLLECTION SPECIFICATIONS WITH ACTUAL COLLECTION METHODS USED FOR THE AMPHIPOD TOXICITY TEST

Element	Specification	Actual
Sediment Horizon	Top 5 cm	Same
Sampling Equipment		
Sampler	Spoons	Same
Utensils	Spoons and bowls	Same
Composition	Stainless steel	Same
Decontamination		
Detergent	Alconox®	Same
Solvents	Acetone and hexane	Same
Frequency	Between all samples	Same
Sample Processing		
Homogenization	Until visually uniform in color and texture	Same
Split samples	For all chemical variables	Same
Sample Storage		
Containers	Precleaned glass with TFE-lined lids	Same
Conditions	4°C in the dark	Same
Shipping		
Packaging	Containers sealed in plastic bags and wrapped in bubble wrap	Same
	Containers placed in plastic coolers	Same
	Chain-of-custody and sample analysis request forms placed in coolers	Same
	Cooler lids taped shut with custody seal	Same
Mode	Overnight courier (i.e., Federal Express)	Same[a]

[a] Federal Express failed to provide overnight service for coolers containing samples. These coolers were delivered to the laboratory on the next business day.

TABLE 4-2. SELECTED CHARACTERISTICS OF SAMPLE BATCHES FOR THE AMPHIPOD TOXICITY TEST

Batch[a]	Test Period (1996)	Field Collection Date (1996)	Stations	Holding Time (days)[b]
Phase I				
A	7/9–8/6	5/17	LM-8, LM-13	NA
B[c]	8/22–10/8	5/17	LM-8, LM-13	NA
Phase II				
A	6/26–7/24	6/18	E-2, E-3, E-4 BR-1, BR-2, BR-3 CR-1, CR-2, CR-3	8 (51)[d]
B	6/27–7/25	6/18	E-5, E-6, E-7, E-8, E-9 G-3, G-5, G-7, G-9	9
C	6/28–7/26	6/19	C-1, C-3, C-5, C-7 N-1	9
		6/20	A-1, A-3, A-5	8
D	7/1–7/29	6/19	N-2 P-1	13
		6/20	A-7 L-1, L-3, L-5	12
		6/21	J-6, J-7	11
E	7/2–7/30	6/20	H-7	13
		6/21	H-2, H-3, H-4 J-1, J-2, J-3, J-4, J-5	12
F	7/3–7/31	6/20	H-5, H-6	14
		6/21	H-1	13
		6/23	CR-4, CR-5, CR-6	11
		6/25	BR-4, B4-5, BR-6	9

Note: NA - not applicable

[a] All samples in each batch were tested simultaneously as a group with dedicated negative control samples.

[b] Holding time refers to the number of days between field collection and the initiation of laboratory testing. The specified maximum holding time is 14 days.

[c] An additional sediment concentration was added to the dilution series.

[d] Because of laboratory failure to meet the required survival in the dedicated negative control sample, sediment samples from Stations E-2, E-3, E-4, CR-1, CR-2, CR-3 BR-2, and BR-3 were re-tested. These samples exceeded the 14 day holding time by 51 days. Laboratory testing was reinitiated on August 22, 1996.

TABLE 4-3. COMPARISON OF MAJOR LABORATORY METHOD SPECIFICATIONS WITH ACTUAL TESTING METHODS FOR THE AMPHIPOD TOXICITY TEST (PHASE I AND II)

Element	Specification	Actual
General Design		
Holding time	≤14 days from sediment collection	Same[a]
Test duration	28 days	Same
Replication	5 replicates per sample	Same
Exposure regime	Static renewal	Same
Water salinity	20 ± 2 ppt	Departure[b]
Water temperature	25 ± 2°C	Departure[c]
Dissolved oxygen	≥40 percent saturation	Same
Photoperiod	16 hour light, 8 hour dark	Same
Test Organisms		
Test species	*Leptocheirus plumulosus*	Same
Life stage	Juveniles (≤1 day old)	Same
Source	Laboratory cultures	Same[d]
Number	20 per test chamber	Same
Distribution	Random or impartial	Same
Test Water		
Source	Laboratory	Same
Amount used	725 mL	Same
Pretreatment	Filter prior to testing	Same
Treatment	Gentle aeration during testing	Same
Test Chambers		
Size	1 L	Same
Material	Glass	Same
Test Sediment		
Storage	4°C	Same
Amount tested	175 mL	Same
Distribution	Random or impartial	Same
Positive Controls		
Toxicant	Cadmium chloride	Same
Negative Controls		
Material	Clean sediment	Same
Criterion	≤ 20 percent mortality	Same

TABLE 4-3. (cont.)

Element	Specification	Actual
Feeding		
Food	Mixture of microalgae	Same
Frequency	Three times per week	Same
Measurements		
Salinity	At test initiation in all test chambers, three times per week in one test replicate, and at test termination in all test chambers.	Same
Temperature	At test initiation in all test chambers, three times per week in one test replicate, and at test termination in all test chambers.	Same
Dissolved oxygen	At test initiation in all test chambers, three times per week in one test replicate, and at test termination in all test chambers	Same
pH	At test initiation in all test chambers, three times per week in one test replicate, and at test termination in all test chambers	Same
Endpoints		
Mortality	Absence or lack of visible movement	Same
Biomass	Dried to constant weight at 70°C	Same
	Weighed to nearest 0.1 mg dry weight	Same

[a] Evaluated in detail in a later section of this report.

[b] Although U.S. EPA (1992) stipulates that the toxicity test be performed at exactly 20 ppt, a salinity range of 20 ± 2 ppt was used for testing.

[c] Although U.S. EPA (1992) stipulates that the toxicity test be performed at exactly 25°C, a temperature range of 25 ± 2°C was used for testing.

[d] Culture maintained by the testing laboratory.

TABLE 4-4. SUMMARY OF THE RANGES OF WATER QUALITY MEASUREMENTS MADE IN TEST AND NEGATIVE CONTROL CHAMBERS FOR THE AMPHIPOD TOXICITY TEST

Batch[a]	Salinity (ppt)	Temperature (°C)	Dissolved Oxygen (mg/L)	pH
Phase I				
A	18.5–22	23.5–25.5	6.1–7.3	7.9–8.4
B[b]	19–21	23.6–25.3	5.8–7.4	7.8–8.3
Phase II				
A[c]	19.0–21.5	23.8–25.5	5.4–7.4	7.7–8.6
B	19.5–22.0	24.4–27.0	5.5–7.7	7.8–8.4
C	20.0–22.5*	23.1–25.9	6.0–7.4	7.6–8.3
D	20.0–22.5*	23.6–25.3	3.0*–7.8	7.7–8.5
E	19.5–21.5	23.7–24.8	4.8*–7.9	7.5–8.6
F	20.0–22.5*	22.8*–24.9	4.9*–7.8	7.3–8.4

Note: Asterisk (*) denotes salinity, temperature, dissolved oxygen, or pH outside the specified range of 18–22 ppt, 23–27°C, <5 mg/L, and 8±1 pH units, respectively.

[a] The stations included in each batch are identified in Table 4-2.

[b] An additional sediment concentration was added to the dilution series.

[c] Water quality conditions in Phase II Batch A are provided for the retested sediments.

TABLE 4-5. VALUES OF PERCENT MORTALITY FOR THE NEGATIVE CONTROLS USED FOR THE AMPHIPOD TOXICITY TEST

	Percent Mortality	
Batch[a]	Mean	Range
Phase I		
A	4	0–5
B	1	0–5
Phase II		
A[b]	1	0–5
B	9	5–15
C	5	0–10
D	0	0[c]
E	4	0–5
F	3	0–5

[a] The stations included in each batch are identified in Table 4-2.

[b] Because of laboratory failure to meet the required survival in the dedicated negative control, this batch of sediment samples was retested.

[c] There was no range because all values were the same.