

Appendices

Location, particle-size and geochemical analysis of sediment sampling campaigns conducted in 1979, 1989 and 1999

Sampling Campaign of 1979

Sampling Campaign of 1979 (cont'd. 1)

STATION	UTM east m	UTM north m	Gravel %	Sand %	Silt %	Clay %	Hg µg/g	Org. C %	Total PCBs µg/g	Total DDTs µg/g	p,p'-DDE µg/g	p,p'-DDD µg/g	o,p'-DDT µg/g	p,p'-DDT µg/g	HCB µg/g	Tot. BHCs µg/g	Tot. chlordane µg/g	Dieldrin µg/g	
7949	527978	4983350	1.2	53.4	43.5	2.0	0.380	3.2	0.180	DL	DL	DL	DL	DL	0.0010	0.0006	0.0008	0.0004	
7950	531502	4987810	8.4	50.2	39.3	2.2	1.430	4.3	0.110	0.0045	0.0045	DL	DL	DL	DL	DL	DL	DL	
7951	561499	5005249	2.9	22.6	65.4	9.1	0.213	2.7	1.870	DL	DL	DL	DL	DL	DL	DL	DL	DL	
7952	561483	5006915	10.8	66.9	20.1	2.2	0.137	1.1	0.640	DL	DL	DL	DL	DL	DL	DL	DL	DL	
7953	561464	5008915	10.2	40.8	47.4	1.7	0.366	1.6	0.550	DL	DL	DL	DL	DL	DL	DL	DL	DL	
7954	558873	5008890	28.4	57.5	11.6	2.5	1.050	3.9	0.405	DL	DL	DL	DL	DL	0.0045	DL	DL	DL	
7955	558890	5007113	2.0	11.4	64.2	22.5	0.484	3.2	1.100	DL	DL	DL	DL	DL	DL	DL	DL	DL	
7956	558909	5005002	3.6	24.1	46.4	26.0	0.299	5.4	1.335	DL	DL	DL	DL	DL	DL	DL	DL	DL	
7957	556315	5005201	10.3	65.9	20.1	3.7	0.124	3.7	0.170	0.0054	0.0054	DL	DL	DL	DL	DL	DL	0.0002	
7958	553802	5005626	2.4	64.9	21.8	10.9	0.390	5.5	0.670	DL	DL	DL	DL	DL	0.0020	DL	DL	DL	
7959	554212	5003183	5.1	82.8	8.8	3.4	0.066	1.2	0.190	DL	DL	DL	DL	DL	DL	DL	DL	DL	
7960	551059	5004379	2.2	54.2	28.2	15.5	0.205	1.3	0.010	DL	DL	DL	DL	DL	0.0010	DL	DL	DL	
7961	550842	5002044	1.7	61.4	16.8	4.5	0.336	2.1	0.040	DL	DL	DL	DL	DL	0.0020	DL	DL	DL	
7962	548334	5001247	2.4	80.1	13.2	4.3	0.048	0.7	0.075	DL	DL	DL	DL	DL	0.0020	DL	DL	DL	
7963	548588	4998805	13.7	64.5	12.4	9.4	0.056	2.3	0.190	0.0058	0.0058	DL	DL	DL	DL	DL	DL	DL	
7964	548733	5000361	6.2	34.0	32.6	27.3	0.770	6.5	0.160	0.0087	0.0087	DL	DL	DL	DL	DL	0.0015	0.0023	
7965	545997	4998230	11.4	49.2	26.7	12.8	0.478	4.3	0.230	DL	DL	DL	DL	DL	0.0030	DL	DL	DL	
7966	545828	4999895	12.7	46.9	32.2	9.5	0.627	1.7	0.145	0.0076	0.0076	DL	DL	DL	0.0040	DL	DL	DL	
7967	543079	4999542	1.3	8.3	72.3	18.2	1.062	7.0	0.185	DL	DL	DL	DL	DL	0.0055	DL	DL	DL	
7968	543249	4997655	9.5	66.8	13.5	10.2	0.154	2.6	0.085	DL	DL	DL	DL	DL	0.0030	DL	DL	DL	
7969	543283	4992656	2.6	73.9	17.7	5.8	0.059	1.9	0.275	DL	DL	DL	DL	DL	DL	DL	DL	DL	
7970	542321	4995316	9.5	14.4	57.7	18.5	0.298	3.5	0.370	DL	DL	DL	DL	DL	DL	DL	DL	DL	
7971	544204	4995995	7.6	24.7	46.4	21.4	0.300	5.1	1.510	DL	DL	DL	DL	DL	DL	DL	DL	DL	
7972	540665	4995972	7.9	56.1	23.7	12.4	0.704	2.5	0.370	DL	DL	DL	DL	DL	0.0130	DL	DL	DL	
8001	534098	4988379	9.3	57.6	28.8	4.4	1.474	4.8	0.182	0.0167	0.0070	DL	DL	DL	0.0097	0.0066	DL	0.0012	0.0011
8002	535587	4989831	1.4	51.2	35.7	11.7	0.210	4.3	0.434	0.0056	0.0056	DL	DL	DL	0.0036	0.0018	DL	DL	
8003	535665	4989831	3.9	68.4	20.9	6.8	1.248	6.6	0.116	0.0063	0.0016	0.0011	0.0011	0.0025	0.0053	0.0008	DL	DL	
8004	538415	4990847	8.9	80.9	7.0	3.3	0.084	1.1	0.138	0.0017	0.0006	DL	DL	0.0011	0.0009	DL	DL	DL	
8005	540407	4986971	5.3	60.2	28.0	6.6	0.121	8.9	0.495	0.0012	0.0012	DL	DL	DL	0.0041	0.0006	0.0012	DL	
8006	539913	4990412	5.3	77.9	10.1	6.9	0.082	1.3	0.097	0.0053	0.0035	DL	DL	0.0018	0.0018	DL	DL	DL	
8007	540744	4995972	2.1	76.8	15.4	5.8	0.113	0.8	0.020	DL	DL	DL	DL	DL	DL	DL	DL	DL	
8008	538014	4992067	0.8	87.7	5.7	5.8	0.184	1.0	0.010	DL	DL	DL	DL	DL	DL	DL	DL	DL	
8009	538950	4993406	4.5	70.9	12.2	12.5	0.502	11.9	0.160	DL	DL	DL	DL	DL	DL	DL	DL	DL	
8010	539734	4993966	0.8	54.0	43.4	1.8	DL	4.9	0.522	0.0079	0.0061	0.0018	DL	DL	0.0056	DL	DL	DL	
8011	540656	4997305	1.8	81.2	11.5	5.5	0.101	1.3	0.220	DL	DL	DL	DL	DL	DL	DL	DL	DL	
8101	564982	5010283	3.5	64.0	18.1	14.4	0.590	1.4	0.200	DL	DL	DL	DL	DL	DL	DL	DL	DL	
8102	559806	5009899	0.5	90.4	2.2	6.9	0.110	0.5	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	
8103	560664	5010463	1.1	59.4	14.2	25.4	0.330	1.5	0.110	DL	DL	DL	DL	DL	DL	DL	DL	DL	
8104	563734	5009493	0.4	54.5	30.7	14.5	0.620	3.8	0.170	DL	DL	DL	DL	DL	0.0020	DL	DL	DL	
8105	556296	5007423	0.6	91.5	2.6	5.3	0.050	0.2	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	
8106	557169	5006320	0.6	56.1	25.1	18.3	0.410	2.8	0.600	DL	DL	DL	DL	DL	DL	DL	DL	DL	
8107	547558	4999908	27.8	45.9	15.8	10.5	0.630	2.3	0.020	DL	DL	DL	DL	DL	DL	DL	DL	DL	
8108	538560	4992848	0.0	0.0	0.0	0.0	0.470	1.4	0.300	DL	DL	DL	DL	DL	0.0020	DL	DL	DL	
8109	542902	4990876	5.5	46.6	45.5	2.5	0.230	3.3	0.330	DL	DL	DL	DL	DL	DL	DL	DL	DL	
8110	536763	4990615	12.6	42.9	36.9	7.6	0.320	2.4	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	
8111	529319	4983134	1.3	63.3	31.4	5.2	0.220	7.5	0.920	DL	DL	DL	DL	DL	DL	DL	DL	DL	
8112	531590	4986033	15.2	64.3	19.2	1.4	0.090	3.2	0.400	DL	DL	DL	DL	DL	DL	DL	DL	DL	
8113	530959	4986141	15.5	64.1	15.9	4.5	0.110	1.9	0.030	DL	DL	DL	DL	DL	DL	DL	DL	DL	
8114	531346	4987587	16.0	51.7	26.9	5.5	0.140	3.6	0.130	DL	DL	DL	DL	DL	DL	DL	DL	DL	
8115	536379	4988947	2.6	63.3	26.2	7.9	0.130	1.2	0.010	DL	DL	DL	DL	DL	DL	DL	DL	DL	

Source: Sloterdijk, 1985.

Legend: UTM: Universal Transverse Mercator; DL: Detection limit; HCB: hexachlorobenzene; Total BHCs: total hexachlorocyclohexane (all isomers).

Sampling Campaign of 1979 (cont'd. 2)

Sampling Campaign of 1979 (cont'd. 3)

STATION	Mirex µg/g	Total heptachlorine µg/g	Aldrin µg/g	Methoxychlorine µg/g	A+P µg/g	Fluorene µg/g	Benzo [a] anthracene µg/g	Benzo [b] fluoranthene µg/g	Benzo [k] fluoranthene µg/g	Benzo [b+k] fluoranthene µg/g	Benz [ghi] perylene µg/g	Indeno [1,2,3-cd] pyrene µg/g
7951	DL	DL	DL	DL								
7952	DL	DL	DL	DL	0.018	0.071	0.037	0.096	0.039	0.135	0.083	0.058
7953	DL	DL	DL	DL	0.043	0.120	0.058	0.270	0.069	0.339	0.072	0.072
7954	DL	DL	DL	DL	0.053	0.220	0.068	0.140	0.088	0.228	0.088	0.110
7955	DL	DL	DL	DL								
7956	DL	DL	DL	DL	0.054	0.185	0.096	0.770	0.130	0.900	0.185	0.140
7957	DL	DL	DL	DL								
7958	DL	DL	DL	DL	0.027	0.120	0.025	0.100	0.033	0.133	0.055	0.066
7959	DL	DL	DL	DL	0.007	0.031	0.017	0.048	0.020	0.068	0.036	0.029
7960	DL	DL	DL	DL	0.002	0.015	0.005	0.018	0.007	0.025	DL	DL
7961	DL	DL	DL	DL	0.018	0.073	0.030	0.220	0.030	0.250	0.072	0.038
7962	DL	DL	DL	DL	0.003	0.011	0.011	0.007	0.003	0.010	DL	DL
7963	DL	DL	DL	DL								
7964	DL	DL	DL	DL								
7965	DL	DL	DL	DL	0.020	0.077	0.035	0.120	0.040	0.160	0.065	0.052
7966	DL	DL	DL	DL	0.021	0.011	0.040	0.200	0.044	0.244	0.074	0.052
7967	DL	DL	DL	DL	0.042	0.170	0.067	0.340	0.077	0.417	0.115	0.105
7968	DL	DL	DL	DL	0.038	0.115	0.057	0.115	0.061	0.176	0.090	0.069
7969	DL	DL	DL	DL								
7970	DL	DL	DL	DL	0.077	0.220	0.110	0.360	0.100	0.460	0.140	0.120
7971	DL	DL	DL	DL	0.055	0.210	0.075	0.240	0.087	0.327	0.100	0.900
7972	DL	DL	DL	DL	0.045	0.160	0.055	0.120	0.044	0.164	0.064	0.054
8001	DL	0.0005	DL	DL	0.099	0.270	0.120	0.100	0.097	0.197	0.120	0.097
8002	DL	DL	DL	DL								
8003	DL	0.0012	DL	DL								
8004	DL	0.0005	DL	DL								
8005	DL	0.0008	DL	DL								
8006	DL	DL	DL	DL								
8007	DL	DL	DL	DL	0.017	0.036	0.036	0.088	0.037	0.125	0.042	0.031
8008	DL	DL	DL	DL	0.029	0.110	0.067	0.043	0.022	0.065	0.038	0.024
8009	DL	DL	DL	DL	0.035	0.160	0.064	0.240	0.063	0.303	0.170	0.110
8010	DL	0.0006	DL	DL								
8011	DL	DL	DL	DL	0.003	0.012	0.004	0.013	0.006	0.019	DL	DL
8101	DL	DL	DL	DL								
8102	DL	DL	DL	DL								
8103	DL	DL	DL	DL								
8104	DL	DL	DL	DL								
8105	DL	DL	DL	DL	0.002	0.011	0.006	0.007	0.003	0.010	DL	DL
8106	DL	DL	DL	DL	0.020	0.130	0.067	0.340	0.074	0.414	0.110	0.100
8107	DL	DL	DL	DL	0.020	0.120	0.083	0.066	0.034	0.100	0.038	0.038
8108	DL	DL	DL	DL								
8109	DL	DL	DL	DL	0.040	0.230	0.099	0.310	0.095	0.405	0.190	0.130
8110	DL	DL	DL	DL								
8111	DL	DL	DL	DL								
8112	DL	DL	DL	DL								
8113	DL	DL	DL	DL								
8114	DL	DL	DL	DL	0.013	0.096	0.050	0.140	0.047	0.187	0.130	0.082
8115	DL	DL	DL	DL								

Source: Sloterdijk, 1985.

Legend: DL: Detection limit; A+P: anthracene + phenanthrene.

Sampling Campaign of 1989

STATION	UTM east	UTM north	Gravel	Sand	Silt	Clay	Org. C	N	Inorg. C
	m	m	%	%	%	%	%	%	%
89001	564769	5009165	0.0	41.0	13.1	45.9	0.53	0.05	0.43
89002	563834	5010452	0.0	34.5	31.8	33.7	4.16	0.49	1.61
89003	562540	5009330	0.0	17.4	30.0	52.6	3.41	0.40	1.46
89004	561475	5010807	0.0	21.0	43.0	36.0			
89005	560308	5009688	0.0	8.6	54.3	37.2	3.72	0.38	0.97
89006	559650	5009250	0.0	20.2	58.7	21.1	1.90	0.21	1.38
89007	565812	5007907	51.1	48.8	0.1	0.0	0.45	0.05	1.99
89009	564520	5006940	0.0	9.0	28.2	62.8	1.45	0.15	3.06
89010	563460	5008243	0.6	64.9	13.2	21.3	1.21	0.09	1.02
89011	564159	5004535	5.1	91.9	3.0	0.0			
89012	563231	5005815	0.0	57.2	19.1	23.7	1.28	0.13	0.64
89013	562167	5007099	0.0	32.6	36.7	30.7	2.08	0.17	1.17
89015	561936	5004875	0.0	13.0	57.7	29.3	3.14	0.28	1.24
89016	560001	5006163	0.0	34.0	36.3	29.7	2.21	0.21	0.82
89017	559940	5007461	0.0	11.3	48.0	40.7	4.35	0.47	0.55
89018	560753	5003963	0.0	26.7	52.5	20.8	2.50	0.25	1.30
89019	559697	5005220	0.0	54.1	26.0	19.9	1.01	0.10	0.84
89020	558628	5006523	0.0	18.4	41.5	40.0	2.17	0.20	1.68
89021	559355	5003038	0.0	18.1	56.2	25.7	1.01	0.11	1.03
89022	558385	5004303	0.0	77.3	6.7	16.0	0.48	0.05	0.54
89023	557455	5005589	0.0	46.7	29.9	23.4	1.69	0.14	1.09
89024	557103	5003370	0.0	38.3	31.2	30.5	2.30	0.24	2.72
89025	556169	5004644	0.0	49.9	21.9	28.3	1.56	0.15	1.16
89026	555926	5002418	5.8	32.2	12.8	49.2	1.08	0.10	0.96
89027	557709	5007805	0.0	0.8	55.4	43.8	5.32	0.62	0.44
89028	553940	5005000	0.0	10.4	53.9	35.7	4.37	0.50	1.49
89029	552617	5004072	0.0	18.1	46.8	35.1	2.45	0.28	1.11
89030	551718	5005350	0.0	43.0	49.1	7.8	0.49	0.05	0.74
89031	551456	5003138	0.0	65.3	15.5	19.1	0.60	0.06	0.82
89032	550408	5004414	0.0	71.2	26.3	2.5	0.35	0.03	0.37
89033	550154	5002185	0.0	98.8	1.2	0.0	0.31	0.03	0.47
89034	549210	5003420	0.0	57.0	38.0	5.0			
89035	548854	5001235	0.0	99.5	0.5	0.0	0.20	0.02	0.10
89036	548622	5002598	0.0	3.1	87.7	9.2	12.00	1.17	2.30
89037	547558	5000120	0.2	99.1	0.8	0.0	0.37	0.04	0.56
89038	547520	5001510	0.3	85.5	14.2	0.0			
89039	546395	4999194	0.0	4.6	53.8	41.6	4.97	0.58	1.09
89040	545330	5000479	0.0	59.8	10.8	29.5	0.98	0.12	1.85
89041	544954	4998261	0.0	44.4	18.3	37.3	2.42	0.21	1.10
89042	544040	4999549	0.0	4.5	48.2	47.3	7.39	0.89	0.94
89043	542855	4998607	0.0	4.1	55.1	40.8	7.21	0.81	0.57
89087	539060	4995634	0.0	89.3	10.7	0.0	1.83	0.15	0.14
89088	539465	4993412	0.0	6.5	60.9	32.7	3.74	0.39	1.96
89089	538815	4994150	0.0	4.7	70.1	25.2	4.51	0.46	2.65
89090	538686	4992854	0.0	16.6	59.5	23.8	3.65	0.36	2.28

STATION	UTM east	UTM north	Gravel	Sand	Silt	Clay	Org. C	N	Inorg. C
	m	m	%	%	%	%	%	%	%
89044	542478	4996399	0.0	99.8	0.2	0.0			
89045	541557	4997687	0.0	91.3	8.7	0.0	0.40	0.03	0.35
89046	554997	5003710	1.4	98.2	0.4	0.0	0.20	0.02	0.50
89047	554700	5001580	0.0	3.2	48.5	48.3	5.87	0.72	0.88
89048	553701	5002781	0.0	55.7	14.0	30.4	1.87	0.19	0.24
89049	552388	5001831	0.0	54.7	17.9	27.4	1.18	0.11	1.50
89050	551099	5000891	0.0	99.4	0.6	0.0	0.43	0.04	0.38
89051	550717	4998790	1.5	93.6	4.9	0.0			
89052	549789	4999951	0.0	98.4	1.6	0.0	0.41	0.04	0.40
89053	547315	4997916	0.0	96.7	3.3	0.0	0.09	0.01	0.41
89054	546018	4996969	25.0	75.0	0.0	0.0			
89055	545635	4994755	0.0	11.5	36.1	52.4	4.03	0.42	1.01
89056	544701	4996037	9.5	90.2	0.4	0.0	0.03	ld	0.17
89057	545220	4992500	0.0	98.9	1.1	0.0	0.24	0.02	0.36
89058	544322	4993808	0.0	14.7	38.2	47.0	3.52	0.38	1.75
89059	543404	4995110	0.0	24.7	44.5	30.9	3.73	0.41	0.53
89060	544080	4991586	0.0	80.7	19.3	0.0			
89061	542089	4994155	0.0	24.6	53.9	21.6	2.51	0.23	1.69
89062	540794	4993257	0.0	32.1	42.7	25.2	2.24	0.17	0.97
89063	562932	5008589	25.0	75.0	0.0	0.0			
89064	558996	5008012	0.0	36.2	18.3	45.5	1.24	0.12	4.10
89065	555378	5006311	0.0	67.8	10.9	21.3	0.55	0.04	0.62
89066	553310	5002978	30.8	69.1	0.1	0.0			
89067	552384	5003890	0.0	97.8	2.2	0.0	0.35	0.04	0.48
89068	550710	4999980	0.0	63.5	9.6	26.9	0.53	0.05	1.34
89071	543272	4996976	0.7	98.4	1.0	0.0			
89072	543022	4992882	0.0	55.8	20.3	23.9	1.48	0.14	1.50
89073	540396	4994176	21.7	78.3	0.1	0.0			
89074	538039	4991030	25.0	75.0	0.0	0.0			
89075	537812	4987280	0.8	99.2	0.0	0.0	0.08	ld	0.06
89076	535849	4987840	11.2	88.0	0.8	0.0	1.08	0.03	0.56
89077	535040	4988580	25.0	75.0	0.0	0.0			
89078	534000	4986705	25.0	75.0	0.0	0.0			
89079	531420	4987275	25.0	75.0	0.0	0.0			
89080	527999	4985523	25.0	75.0	0.0	0.0			
89081	524040	4984640	40.8	58.9	0.3	0.0	2.40	0.31	0.11
89082	525110	4982780	25.0	75.0	0.0	0.0			
89083	521610	4982100	25.0	75.0	0.0	0.0			
89084	540624	4996756	0.0	30.3	49.3	20.4	1.26	0.13	1.48
89085	540380	4996185	7.1	91.3	1.6	0.0	0.94	0.10	0.09
89086	539597	4994896	0.0	8.8	60.5	30.7	3.84	0.34	2.02
89127	538058	4988584	0.0	92.1	7.9	0.0	0.71	0.05	0.69
89128	537415	4989521	0.8	99.0	0.2	0.0	0.29	0.01	0.40
89129	537149	4988032	25.0	75.0	0.0	0.0			
89130	536634	4988780	5.8	93.5	0.7	0.0	0.62	0.04	1.09

Sampling Campaign of 1989 (cont'd. 1)

STATION	UTM east m	UTM north m	Gravel %	Sand %	Silt %	Clay %	Org. C %	N %	Inorg. C %
89091	537778	4992292	0.0	2.4	57.9	39.7	5.43	0.53	2.78
89092	537660	4990820	25.0	75.0	0.0	0.0			
89093	535955	4989685	6.3	54.1	21.7	17.9	5.11	0.49	2.02
89094	535155	4989120	3.0	31.0	43.0	23.0			
89095	534383	4988577	0.0	8.2	62.9	28.9	5.60	0.60	1.25
89096	533605	4987826	25.0	75.0	0.0	0.0			
89097	532158	4988010	0.0	58.8	13.6	27.6	2.82	0.28	2.59
89098	527510	4985900	0.0	14.0	48.7	37.3	2.21	0.30	3.47
89099	526100	4985900	0.0	14.3	50.2	35.6			
89100	525993	4984638	0.0	13.7	60.7	25.7	2.71	0.25	4.11
89101	525326	4985535	25.0	75.0	0.0	0.0			
89102	543675	4992890	0.0	31.3	27.7	41.0	3.42	0.37	1.25
89103	543025	4993626	0.0	98.3	1.7	0.0	0.23	0.03	0.36
89104	541837	4995276	0.0	61.9	16.2	22.0	1.07	0.09	1.06
89105	543948	4990667	0.0	52.3	47.7	0.0	1.19	0.11	1.28
89106	543517	4991358	0.0	12.3	42.9	44.8	4.78	0.54	1.32
89107	542219	4993064	0.0	8.6	37.5	53.9	3.62	0.39	2.26
89108	541041	4994545	0.0	99.0	1.0	0.0	0.42	0.04	0.58
89109	543174	4990101	0.0	12.7	50.4	37.0			
89110	541985	4991565	0.0	69.7	14.0	16.3	0.96	0.08	0.14
89111	541451	4992508	0.0	20.5	37.3	42.2	4.61	0.65	1.74
89112	542378	4989355	0.0	71.7	16.4	11.9	0.81	0.08	0.52
89113	541868	4990286	0.0	15.5	48.2	36.3	5.44	0.70	1.12
89114	541199	4991013	0.0	98.9	1.1	0.0	0.19	0.01	2.19
89115	540660	4991945	0.0	39.6	32.8	27.5	2.41	0.27	1.30
89116	540003	4992686	0.0	23.0	36.0	41.0			
89117	541610	4988810	0.0	22.0	61.6	16.4	3.70	0.38	0.97
89118	541076	4989699	0.0	4.2	63.2	32.5	3.13	0.28	3.06
89119	540420	4990435	0.0	48.7	23.9	27.5	1.55	0.16	1.12
89120	539762	4991201	0.0	98.7	1.3	0.0	0.32	0.04	0.31
89121	540805	4988223	0.0	93.8	6.3	0.0	10.00	1.08	1.20
89122	540168	4988965	0.0	22.2	44.2	33.6	3.83	0.38	0.72
89123	539096	4990631	0.0	41.0	43.8	15.3	6.76	0.67	0.55
89124	539380	4988416	0.0	6.5	63.1	30.4	2.22	0.23	5.08
89125	538853	4989325	0.0	79.4	20.7	0.0	1.35	0.11	0.63
89126	538570	4987860	0.0	10.0	51.9	38.1	6.91	0.70	1.70

STATION	UTM east m	UTM north m	Gravel %	Sand %	Silt %	Clay %	Org. C %	N %	Inorg. C %
89131	537033	4986722	0.0	7.9	60.9	31.2	1.56	0.11	0.75
89132	536378	4987460	0.0	99.0	1.0	0.0	0.46	0.04	0.60
89133	535834	4988212	0.0	43.5	24.5	32.0	2.36	0.23	1.79
89134	534140	4987083	25.0	75.0	0.0	0.0			
89135	533367	4986524	45.8	54.1	0.1	0.0	1.28	0.11	1.92
89136	531917	4986709	25.0	75.0	0.0	0.0			
89137	531777	4985217	0.0	36.7	24.6	38.7	1.66	0.20	1.08
89138	530998	4984642	25.0	75.0	0.0	0.0			
89139	530342	4985399	25.0	75.0	0.0	0.0			
89140	529350	4984700	0.0	45.0	25.4	29.6	2.71	0.35	0.67
89141	528897	4985596	0.0	99.6	0.4	0.0	1.31	0.09	0.50
89142	529303	4983531	0.0	21.4	39.0	39.6	4.78	0.40	0.24
89143	528110	4985007	0.0	100.0	0.0	0.0			
89144	528636	4982973	0.0	99.5	0.5	0.0	4.80	0.49	0.84
89145	528019	4983774	0.0	95.0	5.0	0.0	1.55	0.10	0.17
89146	527188	4983161	0.0	0.0	0.0	0.0			
89147	526520	4983393	25.0	75.0	0.0	0.0			
89148	526267	4982416	0.0	0.0	0.0	0.0			
89149	524175	4982040	0.0	5.5	52.3	42.2	4.07	0.42	0.56
89150	522700	4982221	0.0	96.9	3.1	0.0	0.81	0.08	0.73

Sampling Campaign of 1989 (cont'd. 2)

STATION	Tot. Hg µg/g	Tot. As µg/g	Tot. Se µg/g	Tot. P µg/g	Inorg. P µg/g	Tot. Al µg/g	Tot. Cd µg/g	Tot. Cr µg/g	Tot. Cu µg/g	Tot. Fe µg/g	Tot. Mn µg/g	Tot. Ni µg/g	Tot. Pb µg/g	Tot. Zn µg/g	Al _{ext} µg/g	Cd _{ext} µg/g	Cr _{ext} µg/g	Cu _{ext} µg/g	Fe _{ext} µg/g	Mn _{ext} µg/g	Ni _{ext} µg/g	Pb _{ext} µg/g	Zn _{ext} µg/g	Moisture %
89002	0.30	5.9	1.5	748	1130	55398	DL	48.0	41.7	27007	560	34.1	34.2	270	4350	0.776	13.7	31.4	8760	334	15.0	32.7	205	66.6
89003	0.20	4.3	1.3	759	1180	58425	DL	44.0	36.8	28369	633	31.2	35.5	200	4240	0.732	13.0	28.7	8580	388	14.1	28.9	152	73.1
89006	0.36	3.3	0.8	868	1060	58924	DL	45.0	25.5	24775	491	25.9	31.8	176	2900	0.568	10.2	21.8	5760	171	10.4	25.5	148	59.0
89009	0.07	3.0	0.6	575	785	54036	DL	32.0	28.0	22687	478	22.3	28.9	125	2530	0.663	8.4	20.3	5790	214	10.3	26.2	87	55.2
89015	0.15	3.8	1.0	722	967	53351	DL	29.0	30.9	24445	503	24.6	37.4	147	3160	0.971	9.5	22.8	7030	236	12.1	30.0	103	66.1
89016	0.18	3.9	0.7	656	837	51650	DL	30.0	25.3	23544	518	21.2	26.3	114	2440	0.531	8.3	19.8	6020	223	9.8	22.1	80	48.5
89017	0.23	3.9	1.2	763	1060	56894	DL	38.0	38.4	26579	492	30.9	43.1	180	3730	1.050	12.6	30.3	7380	237	14.8	38.1	133	67.0
89018	0.09	2.4	0.6	712	930	50190	DL	32.0	17.5	19838	447	17.8	17.6	104	2120	0.578	6.4	13.9	4890	189	7.6	16.6	73	62.8
89019	0.07	2.2	0.5	748	861	52013	DL	25.0	11.3	19411	460	13.8	20.2	77	1490	0.311	4.9	9.5	3280	136	5.4	11.9	48	46.6
89020	0.15	3.7	1.0	780	974	53584	DL	40.0	25.8	23044	484	22.6	30.4	126	2640	0.639	8.7	20.1	5940	213	10.2	25.8	89	62.3
89023	0.13	2.8	0.7	784	983	54538	DL	34.0	19.4	22691	502	20.6	29.0	110	2470	0.572	8.4	16.5	5180	198	9.2	24.2	76	49.4
89024	0.09	3.3	0.9	612	911	60871	DL	29.0	18.3	21475	461	20.7	22.4	93	2408	0.490	8.4	16.2	5653	193	10.0	18.2	60	60.8
89025	0.09	2.8	0.6	808	963	54669	DL	33.0	16.5	22717	554	17.7	19.9	93	2240	0.391	7.1	13.3	5200	247	7.5	16.9	60	51.2
89027	0.25	5.8	1.6	701	1070	57647	DL	58.0	34.6	29420	555	36.2	27.5	236	4630	0.521	14.4	28.5	8670	281	14.8	23.2	204	68.9
89028	0.32	5.6	1.7	693	1030	58556	DL	49.0	33.9	27848	527	34.5	24.7	260	4550	0.507	13.8	28.6	8430	264	14.4	25.2	235	70.8
89030	0.08	1.9	0.4	966	1050	64827	DL	32.0	5.8	19036	468	15.6	8.2	70	1211	DL	4.5	5.2	1885	62	2.9	4.4	41	42.4
89033	0.09	1.1	0.2	535	531	49834	DL	14.0	3.8	15512	374	7.5	8.3	55	622	DL	1.8	3.1	830	32	1.0	4.5	26	31.3
89036	0.07	4.7	2.0	505	915	60703	DL	38.0	25.6	21504	471	28.0	7.8	150	2702	0.220	8.2	20.3	5585	340	12.9	11.5	120	89.5
89039	0.25	5.3	1.4	804	1250	59407	DL	71.0	42.7	29274	544	29.3	33.2	231	3880	0.787	12.0	30.1	8150	318	13.6	31.4	177	67.8
89041	0.11	3.2	0.7	690	908	54727	DL	48.0	18.9	22147	455	17.4	18.3	104	2120	0.318	6.1	13.5	5640	198	7.8	14.5	74	54.2
89042	0.65	8.4	2.7	714	1260	61399	1.0	83.0	57.5	34281	480	39.0	46.7	452	5060	1.040	14.6	46.2	9560	282	18.2	45.1	401	77.8
89043	0.66	7.5	2.6	749	1250	59986	DL	72.0	54.7	34024	459	37.7	46.7	397	4350	1.010	13.5	42.4	8710	257	16.7	44.7	385	77.4
89045	0.13	1.5	0.4	748	785	63025	DL	26.0	10.5	13671	256	9.8	13.9	87	1080	DL	3.7	4.8	1740	33	2.9	3.8	68	40.9
89047	0.39	6.0	1.8	791	1220	53358	DL	43.0	43.4	28555	591	34.5	37.3	309	4640	0.910	14.2	36.1	8830	175	16.4	37.4	267	72.9
89048	0.07	2.1	0.5	623	803	51475	DL	24.0	13.3	19499	425	17.0	16.5	73	1531	0.260	4.2	9.9	3961	184	5.5	13.1	37	45.0
89051	DL	0.9	DL	509	581	64154	DL	20.0	1.3	1416	354	9.0	5.7	29	553	DL	0.7	1.1	742	18	DL	1.4	3	34.6
89055	0.17	4.2	1.2	786	1170	63127	DL	60.0	40.9	32117	653	30.5	38.3	167	4590	1.140	0.1	28.9	9010	425	14.7	36.3	123	68.7
89057	DL	0.5	DL	297	328	49901	DL	21.0	6.6	5480	149	3.7	DL	18	292	DL	0.8	1.2	354	16	0.7	1.6	6	35.1
89058	0.12	4.3	1.0	683	1090	56459	DL	48.0	31.9	28755	613	23.7	24.2	150	3930	0.807	8.7	21.8	8590	370	10.9	24.3	103	71.7
89059	0.15	4.5	1.2	715	975	52223	DL	39.0	29.1	22340	423	18.5	7.5	119	2290	0.538	7.3	19.8	5410	163	9.4	20.6	83	61.6
89061	0.15	4.5	1.0	784	995	52200	DL	33.0	28.8	25045	445	20.9	26.6	126	2390	0.508	7.3	19.7	5850	195	9.6	21.3	85	65.6
89062	0.11	2.5	0.5	792	924	50224	DL	19.0	15.1	16676	386	13.9	19.3	86	1340	0.311	4.6	11.0	3110	122	5.3	12.8	58	52.4
89064	0.06	4.0	0.9	627	812	47620	DL	32.0	14.1	19168	453	16.2	13.3	83	1920	0.203	6.6	11.4	5200	212	8.4	12.0	62	65.1
89067	DL	0.8	DL	218	310	54698	DL	11.0	2.0	7287	156	5.7	7.4	30	579	DL	1.6	2.0	831	37	1.0	1.6	12	30.4
89068	0.05	2.3	0.4	614	757	56724	DL	24.0	9.6	19015	449	14.3	13.1	62	1413	0.220	4.5	8.1	3262	149	4.5	10.8	31	47.0
89072	0.07	2.2	0.6	668	822	52936	DL	32.0	16.8	19230	392	14.9	19.2	77	1770	0.347	5.9	11.1	4260	136	6.5	12.3	47	51.2
89084	0.30	3.2	0.9	757	924	57411	DL	37.0	19.6	16532	329	15.5	23.3	184	1960	0.328	6.3	13.6	3510	86	6.2	15.4	15	53.0
89086	0.48	5.3	1.5	761	1060	52997	DL	35.0	37.2	22811	405	23.0	33.0	347	2650	0.669	8.1	26.0	6010	159	10.3	27.1	307	67.2
89087	0.05	1.5	0.4	737	839	56443	DL	19.0	8.7	19604	266	8.5	10.4	64	729	DL	1.8	4.4	806	38	2.4	4.7	47	53.3
89088	0.38	5.5	1.4	732	1050	52695	DL	57.0	35.5	23603	432	26.6	36.3	294	2840	0.566	8.6	25.7	6630	197	11.2	27.2	241	69.2
89089	0.48	5.6	1.8	630	905	46760	DL	26.0	33.0	17280	306	22.7	29.4	307	2240	0.475	6.3	25.2	4350	123	10.5	24.4	286	70.8

Sampling Campaign of 1989 (cont'd. 3)

STATION	Tot. Hg µg/g	Tot. As µg/g	Tot. Se µg/g	Tot. P µg/g	Inorg. P µg/g	Tot. Al µg/g	Tot. Cd µg/g	Tot. Cr µg/g	Tot. Cu µg/g	Tot. Fe µg/g	Tot. Mn µg/g	Tot. Ni µg/g	Tot. Pb µg/g	Tot. Zn µg/g	Al _{ext} µg/g	Cd _{ext} µg/g	Cr _{ext} µg/g	Cu _{ext} µg/g	Fe _{ext} µg/g	Mn _{ext} µg/g	Ni _{ext} µg/g	Pb _{ext} µg/g	Zn _{ext} µg/g	Moisture %
89090	0.23	4.1	1.4	703	956	42897	DL	26.0	25.6	17579	343	15.5	18.7	211	1620	0.268	4.9	17.0	4250	123	7.3	16.5	182	68.9
89091	0.60	7.3	2.2	577	1020	52686	DL	49.0	50.2	25925	379	32.1	44.3	393	3940	0.964	10.5	39.8	8050	183	15.6	43.4	356	74.6
89093	0.57	2.9	1.0	664	897	52704	DL	37.0	21.3	18894	374	15.6	29.9	198	1654	0.470	5.8	19.3	3091	107	6.5	23.4	187	56.2
89095	0.61	6.6	1.9	639	1080	58463	DL	67.0	46.0	27933	426	32.1	40.2	363	2813	0.800	10.0	34.7	6625	198	13.6	37.9	320	71.5
89098	0.22	4.1	1.1	710	1080	58539	DL	38.0	34.5	27470	482	26.2	34.6	136	2516	0.590	9.1	26.1	6094	225	11.8	27.6	82	75.6
89099	0.64	5.5	1.5	670	1130	60714	DL	56.0	44.9	29903	479	33.5	44.2	403	2734	0.800	10.5	33.9	7243	235	14.1	38.2	332	69.1
89100	0.15	4.6	1.3	584	952	53578	1.1	48.0	38.4	25505	405	28.9	39.9	132	2183	0.940	8.6	28.1	5886	186	12.5	29.8	75	68.4
89104	0.06	1.9	0.4	674	864	46623	DL	27.0	9.7	18798	452	8.1	14.6	64	1700	0.281	5.5	10.6	4060	162	5.6	12.7	58	45.6
89105	DL	0.9	0.2	1030	1020	56769	DL	28.0	6.9	15602	357	8.8	8.7	32	947	DL	3.1	3.1	2040	47	2.2	2.9	13	43.0
89111	0.16	4.9	1.3	761	1160	55692	DL	43.0	37.3	29427	549	30.7	33.2	177	4250	0.899	11.6	28.6	8520	331	14.3	30.7	130	68.6
89112	0.03	2.2	0.3	648	747	41242	DL	20.0	12.4	17824	410	8.3	13.1	52	1260	0.233	3.3	5.6	2060	48	3.4	6.5	28	44.2
89113	0.15	5.7	1.7	673	1010	53800	DL	46.0	43.9	27729	417	31.5	37.4	174	4210	1.210	10.2	34.6	9550	205	16.8	33.4	121	72.8
89115	0.20	3.5	0.6	784	991	54973	DL	40.0	20.2	24326	521	18.0	28.1	105	1609	0.350	5.1	15.2	3703	188	7.2	21.0	59	58.4
89121	0.22	8.7	3.5	559	1030	56351	1.7	65.0	64.8	29041	351	45.5	54.9	216	3475	1.990	9.5	51.3	4023	155	19.4	52.3	163	83.3
89123	0.07	2.3	0.7	757	976	57995	DL	32.0	13.0	19619	408	11.4	13.2	70	1112	0.210	3.1	9.2	2231	58	4.0	9.0	36	58.5
89124	0.16	5.3	1.9	560	931	53774	1.3	50.0	41.3	24305	389	30.9	37.5	156	2588	1.220	7.5	32.6	5079	176	13.7	32.3	107	70.1
89125	0.01	2.6	0.3	651	731	55225	DL	27.0	8.2	18894	475	12.8	6.4	45	679	DL	2.3	5.0	1197	67	2.6	2.2	12	37.0
89131	0.07	3.7	1.4	302	697	26210	DL	21.0	14.5	10564	308	13.3	10.4	50	1445	DL	0.8	9.5	2322	209	6.4	11.8	34	77.1
89133	0.12	2.7	0.6	666	860	55476	DL	47.0	18.3	24277	462	18.9	23.6	103	1618	0.410	5.2	13.4	4020	174	7.5	16.2	60	54.4
89137	0.06	2.9	0.5	552	765	53525	DL	28.0	15.2	23107	505	15.4	20.3	90	1743	0.460	5.6	10.7	4643	249	6.1	12.6	45	56.1
89140	0.09	2.7	0.7	560	851	55762	DL	38.0	21.1	21354	448	19.4	20.7	91	1767	0.510	6.5	16.0	4816	224	8.0	16.8	48	53.3
89142	0.13	4.1	0.9	725	1110	5985	DL	53.0	28.7	29771	643	26.8	31.1	158	3031	0.760	8.3	20.9	7532	377	10.5	26.3	102	65.4
89144	0.05	1.4	0.2	270	593	35610	DL	21.0	4.9	15963	367	5.4	9.2	58	1634	0.210	1.2	3.5	2581	177	2.3	7.2	34	70.0
89149	0.19	5.1	1.0	902	1510	66796	DL	59.0	33.4	38727	758	28.3	53.0	309	5554	1.230	8.0	25.1	13521	536	8.2	45.7	247	75.1
89150	0.03	1.4	0.3	457	588	52738	DL	32.0	7.8	18582	356	10.3	12.0	44	1085	DL	2.9	6.6	2138	56	3.5	7.0	19	49.0

Sources: Lorrain and Jarry 1993; Lorrain et al 1993.

Legend: DL: Detection limit; ext: extractable fraction.

Sampling Campaign of 1989 (cont'd. 4)

STATION	Total PCBs µg/g	Aroclor 1242 µg/g	Aroclor 1254 µg/g	Aroclor 1260 µg/g	Total heptachlors µg/g	Heptachlor µg/g	Heptachlor époxyde µg/g	HCB µg/g	Aldrin µg/g	Mirex µg/g	Lindane µg/g	Methoxychlor µg/g	Dieldrin µg/g	Endrin µg/g
89002	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89003	0.04	0.02	0.02	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89006	0.04	0.02	0.02	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89009	0.03	0.02	0.01	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89015	0.11	0.06	0.03	0.02	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89016	0.07	0.03	0.02	0.02	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89017	0.20	0.14	0.06	DL	DL	DL	DL	0.001	DL	DL	DL	DL	DL	DL
89018	0.06	0.03	0.03	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89019	0.09	0.05	0.04	DL	0.001	DL	0.001	DL	DL	0.004	DL	DL	DL	DL
89020	0.08	0.04	0.02	0.02	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89023	0.13	0.08	0.02	0.03	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89024	0.08	0.04	0.04	DL	0.001	0.001	DL	DL	0.002	0.002	DL	DL	DL	DL
89025	0.06	0.03	0.03	DL	0.002	DL	0.002	DL	DL	DL	DL	DL	DL	DL
89027	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89028	0.01	DL	0.01	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89030	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89033	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89036	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89039	0.01	DL	0.01	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89041	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0.011	DL	DL	0.001
89042	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89043	0.03	0.02	0.01	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89045	0.01	0.01	DL	DL	DL	DL	DL	DL	DL	DL	0.008	DL	DL	DL
89047	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89048	0.02	DL	0.02	DL	0.002	DL	0.002	DL	DL	DL	DL	DL	DL	DL
89051	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89055	0.14	0.08	0.03	0.03	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89057	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0.001
89058	0.04	0.04	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0.005
89059	0.02	DL	0.02	DL	0.002	DL	0.002	DL	DL	DL	DL	DL	DL	DL
89061	0.02	0.02	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89062	0.01	DL	0.01	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89064	0.01	DL	0.01	DL	0.001	DL	0.001	DL	DL	DL	DL	DL	DL	DL
89067	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89068	0.03	0.02	0.01	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89072	0.05	0.03	0.02	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0.001
89084	0.01	DL	0.01	DL	DL	DL	DL	DL	DL	0.019	DL	DL	DL	DL
89086	DL	DL	DL	DL	DL	DL	DL	DL	DL	0.004	0.010	DL	DL	DL
89087	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89088	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89089	DL	DL	DL	DL	DL	DL	DL	DL	DL	0.015	DL	DL	DL	DL

Sampling Campaign of 1989 (cont'd. 5)

STATION	Total PCBs µg/g	Aroclor 1242 µg/g	Aroclor 1254 µg/g	Aroclor 1260 µg/g	Total heptachlors µg/g	Heptachlor µg/g	Heptachlor époxyde µg/g	HCBs µg/g	Aldrin µg/g	Mirex µg/g	Lindane µg/g	Methoxychlor µg/g	Dieldrin µg/g	Endrin µg/g
89090	0.01	DL	0.01	DL	DL	DL	DL	DL	DL	0.013	DL	DL	DL	DL
89091	0.01	DL	0.01	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89093	0.01	DL	0.01	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89095	0.01	DL	0.01	DL	0.002	DL	0.002	DL	DL	DL	DL	DL	DL	DL
89098	DL	DL	DL	DL	DL	DL	DL	0.002	DL	DL	DL	DL	DL	0.003
89099	0.03	DL	0.03	DL	DL	DL	DL	DL	DL	DL	0.010	DL	DL	DL
89100	0.03	DL	0.03	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89104	0.03	0.02	0.01	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89105	0.01	DL	0.01	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89111	0.02	DL	0.02	DL	DL	DL	DL	DL	DL	DL	0.010	DL	DL	DL
89112	0.02	DL	0.02	DL	DL	DL	DL	DL	DL	DL	0.011	DL	DL	DL
89113	0.02	DL	0.02	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89115	0.10	0.05	0.05	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89121	0.27	0.19	0.08	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0.005
89123	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89124	0.02	DL	0.02	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89125	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89131	0.04	0.04	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0.026
89133	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89137	0.03	0.02	0.01	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89140	0.06	0.03	0.03	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89142	0.01	DL	0.01	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89144	0.11	0.07	0.04	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89149	0.10	0.06	0.04	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89150	0.09	0.06	0.03	DL	DL	DL	DL	DL	DL	0.004	0.006	0.013	DL	DL

Sources: Lorrain and Jarry 1993; Lorrain et al 1993.

Legend: DL: Detection limit.

Sampling Campaign of 1989 (*cont'd.* 6)

Sampling Campaign of 1989 (cont'd. 7)

STATION	Total BHCs µg/g	α -BHC µg/g	β -BHC µg/g	Total chlordane µg/g	cis-Chlordane µg/g	trans-Chlordane µg/g	Total DDTs µg/g	p,p'-DDE µg/g	<i>o,p'</i> -DDD µg/g	<i>o,p'</i> -DDT µg/g	<i>p,p'</i> -DDD µg/g	<i>p,p'</i> -DDT µg/g	α -Endosulfan µg/g	β -Endosulfan µg/g
89090	DL	DL	DL	DL	DL	DL	0.002	0.002	DL	DL	DL	DL	DL	DL
89091	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89093	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89095	DL	DL	DL	0.001	DL	0.001	DL	DL	DL	DL	DL	DL	DL	DL
89098	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89099	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89100	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89104	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89105	DL	DL	DL	DL	DL	DL	0.003	0.003	DL	DL	DL	DL	DL	DL
89111	DL	DL	DL	DL	DL	DL	0.005	0.005	DL	DL	DL	DL	DL	DL
89112	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89113	DL	DL	DL	DL	DL	DL	0.004	0.004	DL	DL	DL	DL	DL	DL
89115	DL	DL	DL	DL	DL	DL	0.002	0.002	DL	DL	DL	DL	DL	DL
89121	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89123	DL	DL	DL	DL	DL	DL	0.002	0.002	DL	DL	DL	DL	DL	DL
89124	DL	DL	DL	DL	DL	DL	0.002	0.002	DL	DL	DL	DL	DL	DL
89125	DL	DL	DL	0.001	DL	0.001	DL	DL	DL	DL	DL	DL	DL	DL
89131	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0.003	DL
89133	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89137	0.001	0.001	DL	0.001	DL	0.001	0.001	DL	DL	DL	DL	0.001	DL	DL
89140	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0.005	DL
89142	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0.002	DL
89144	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	0.009	DL
89149	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89150	0.001	DL	0.001	DL	DL	DL	0.005	0.005	DL	DL	DL	DL	0.005	DL

Sources: Lorrain and Jarry 1993; Lorrain et al 1993.

Legend: DL: Detection limit.

Sampling Campaign of 1989 (*cont'd.* 8)

Sampling Campaign of 1989 (cont'd. 9)

STATION	Total chlorobenzenes µg/g	1,4+1,3- Dichlorobenzene µg/g	1,2- Dichlorobenzene µg/g	1,3,5- Trichlorobenzene µg/g	1,2,4- Trichlorobenzene µg/g	1,2,3- Trichlorobenzene µg/g	1,2,3,5+1,2,4,5- Tetrachlorobenzene µg/g	1,2,3,4- Tetrachlorobenzene µg/g	Pentachlorobenzene µg/g	Hexachlorobenzene µg/g
89090	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89091	0.001	DL	DL	DL	DL	DL	DL	DL	0.001	DL
89093	0.001	DL	DL	DL	DL	DL	DL	DL	0.001	DL
89095	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89098	0.001	DL	DL	DL	DL	DL	DL	DL	DL	0.001
89099	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89100	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89104	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89105	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89111	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89112	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89113	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89115	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89121	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89123	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89124	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89125	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89131	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89133	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89137	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89140	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89142	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89144	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89149	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89150	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL

Sources: Lorrain and Jarry 1993; Lorrain et al 1993.

Legend: DL: Detection limit.

Sampling Campaign of 1989 (cont'd. 10)

STATION	Total PAHs µg/g	Naphthalene µg/g	Acenaphthylene µg/g	Acenaphthene µg/g	Fluorene µg/g	Phenanthrene µg/g	Anthracene µg/g	Fluoranthene µg/g	Pyrene µg/g	Benzo [a] anthracene µg/g	Chrysene µg/g	Benzo [b+k] fluoranthene µg/g
89002	0.55	0.06	DL	DL	DL	0.04	DL	0.07	0.06	0.02	0.05	0.13
89003	0.71	0.06	DL	DL	DL	0.06	DL	0.10	0.10	DL	0.08	0.18
89006	0.28	0.05	DL	DL	DL	0.05	DL	0.05	0.05	DL	0.05	0.01
89009	0.24	0.10	DL	DL	DL	0.03	DL	0.03	0.02	DL	0.02	0.04
89015	0.99	0.15	DL	DL	DL	0.05	DL	0.11	0.11	0.05	0.09	0.23
89016	0.88	0.08	DL	DL	DL	0.03	DL	0.08	0.08	0.05	0.07	0.21
89017	1.07	0.06	DL	DL	0.02	0.07	DL	0.13	0.11	0.06	0.09	0.25
89018	0.75	0.06	DL	DL	DL	0.09	DL	0.10	0.08	0.04	0.06	0.17
89019	0.14	DL	DL	DL	DL	0.04	DL	DL	DL	DL	DL	0.10
89020	0.79	0.14	DL	DL	DL	0.10	DL	0.09	0.07	0.02	0.05	0.16
89023	0.48	0.03	DL	DL	DL	0.02	DL	0.07	0.07	0.02	0.07	0.13
89024	0.53	0.05	DL	DL	DL	0.05	DL	0.07	0.07	DL	0.08	0.16
89025	0.36	0.03	DL	DL	DL	0.04	DL	0.04	0.04	DL	0.07	0.11
89027	0.63	0.07	DL	DL	DL	0.05	DL	0.09	0.06	0.02	0.07	0.14
89028	0.58	0.07	DL	DL	DL	0.08	DL	0.01	0.08	DL	0.08	0.21
89030	0.03	0.03	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89033	0.07	0.07	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89036	0.20	0.15	DL	DL	DL	DL	DL	0.05	DL	DL	DL	DL
89039	0.78	0.08	DL	DL	DL	0.04	DL	0.08	0.08	0.04	0.08	0.19
89041	1.40	0.08	DL	DL	DL	0.18	0.05	0.22	0.20	0.08	0.10	0.23
89042	0.80	0.13	DL	DL	DL	0.07	DL	0.10	0.10	DL	0.07	0.25
89043	1.06	0.09	DL	DL	DL	0.08	DL	0.13	0.12	0.05	0.11	0.21
89045	0.05	0.03	DL	DL	DL	DL	DL	DL	DL	DL	DL	0.02
89047	0.40	0.14	DL	DL	DL	0.08	DL	0.04	0.04	DL	DL	0.10
89048	0.46	0.03	DL	DL	DL	0.06	DL	0.09	0.08	0.03	0.04	0.09
89051	0.02	0.02	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89055	1.23	0.07	DL	DL	DL	0.04	DL	0.15	0.14	0.06	0.12	0.32
89057	0.04	0.04	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89058	1.99	0.08	DL	DL	DL	0.16	0.04	0.27	0.23	0.14	0.21	0.40
89059	0.42	0.09	DL	DL	DL	0.03	DL	0.06	0.05	0.02	0.05	0.08
89061	0.78	0.07	DL	DL	DL	0.07	DL	0.09	0.08	0.05	0.08	0.15
89062	0.32	0.05	DL	DL	DL	0.05	DL	0.06	0.05	0.02	0.04	0.01
89064	1.41	0.06	DL	DL	DL	0.15	0.06	0.21	0.20	0.10	0.12	0.17
89067	0.21	0.19	DL	DL	DL	DL	DL	DL	DL	DL	DL	0.02
89068	0.26	0.05	DL	DL	DL	0.03	DL	0.03	0.03	DL	0.03	0.07
89072	0.72	0.10	DL	DL	DL	0.05	DL	0.11	0.10	0.04	0.05	0.14

Sampling Campaign of 1989 (cont'd. 11)

STATION	Total PAHs µg/g	Naphthalene µg/g	Acenaphthylene µg/g	Acenaphthene µg/g	Fluorene µg/g	Phenanthrene µg/g	Anthracene µg/g	Fluoranthene µg/g	Pyrene µg/g	Benzo [a] anthracene µg/g	Chrysene µg/g	Benzo [b+k] fluoranthene µg/g
89084	0.29	0.05	DL	DL	DL	0.03	DL	0.04	0.03	DL	0.03	0.08
89086	0.17	0.09	DL	DL	DL	DL	DL	DL	DL	DL	DL	0.08
89087	0.11	0.07	DL	DL	DL	DL	DL	DL	DL	DL	DL	0.04
89088	1.06	0.09	DL	DL	DL	0.09	0.02	0.13	0.12	0.07	0.09	0.19
89089	0.57	0.11	DL	DL	DL	0.11	DL	0.08	0.07	DL	0.04	0.16
89090	0.49	0.07	DL	DL	DL	0.05	DL	0.06	0.07	0.03	0.06	0.11
89091	1.07	0.11	DL	DL	DL	0.10	DL	0.13	0.13	0.04	0.10	0.24
89093	0.62	0.05	DL	DL	DL	0.04	DL	0.07	0.07	0.02	0.05	0.14
89095	1.29	0.15	DL	DL	DL	0.11	0.03	0.16	0.16	0.05	0.11	0.23
89098	1.47	0.10	DL	DL	0.04	0.18	0.04	0.17	0.18	0.09	0.13	0.20
89099	1.26	0.06	DL	DL	DL	0.21	0.04	0.19	0.21	0.07	0.15	0.23
89100	0.37	0.01	DL	DL	DL	0.06	DL	0.05	0.05	DL	0.04	0.12
89104	0.10	0.04	DL	DL	DL	DL	DL	0.02	0.02	DL	DL	0.02
89105	0.04	0.04	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89111	0.71	0.07	DL	DL	DL	0.05	DL	0.07	0.07	DL	0.08	0.17
89112	0.28	0.04	DL	DL	DL	DL	DL	0.04	0.04	0.02	0.03	0.08
89113	1.78	0.10	DL	DL	DL	0.06	DL	0.09	0.08	0.03	1.00	0.22
89115	0.38	0.06	DL	DL	DL	0.02	DL	0.05	0.05	DL	0.05	0.11
89121	1.51	0.12	DL	DL	DL	0.09	DL	0.02	0.17	0.07	0.17	0.46
89123	0.32	0.07	DL	DL	DL	DL	DL	0.03	0.03	DL	0.04	0.12
89124	0.92	0.15	DL	DL	DL	0.05	DL	0.10	0.07	DL	0.14	0.22
89125	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL
89131	0.66	0.09	DL	DL	DL	0.06	DL	0.11	0.08	DL	0.06	0.13
89133	0.40	0.07	DL	DL	DL	0.05	DL	0.05	0.05	DL	0.04	0.10
89137	0.51	0.09	DL	DL	DL	0.02	DL	0.06	0.06	0.02	0.08	0.13
89140	0.34	0.09	DL	DL	DL	0.04	DL	0.04	0.04	DL	0.03	0.10
89142	0.36	0.14	DL	DL	DL	0.04	DL	0.03	0.03	DL	0.04	0.05
89144	0.41	0.08	DL	DL	DL	0.10	DL	0.05	0.05	DL	DL	0.11
89149	2.56	0.15	DL	DL	DL	0.23	DL	0.35	0.33	0.11	0.24	0.57
89150	0.26	0.03	DL	DL	DL	0.03	DL	0.02	0.02	DL	DL	0.13

Sources: Lorrain and Jarry 1993; Lorrain et al 1993.

Legend: DL: Detection limit.

Sampling Campaign of 1989 (cont'd. 12)

STATION	Benzo [a] pyrene µg/g	Indeno [1,2,3-cd] pyrene µg/g	Dibenzo [a,h] anthracene µg/g	Benzo [ghi] perylene µg/g	Tetralin µg/g	2-Methyl-naphthalene µg/g	1-Methyl-naphthalene µg/g	2-Chloro-naphthalene µg/g
89002	0.04	0.04	DL	0.04	DL	DL	DL	DL
89003	0.07	0.06	DL	DL	DL	DL	DL	DL
89006	0.02	DL	DL	DL	DL	DL	DL	DL
89009	DL	DL	DL	DL	DL	DL	DL	DL
89015	0.08	0.06	DL	0.06	DL	DL	DL	DL
89016	0.08	0.07	DL	0.08	DL	0.03	0.02	DL
89017	0.10	0.09	DL	0.09	DL	DL	DL	DL
89018	0.06	0.05	DL	0.04	DL	DL	DL	DL
89019	DL	DL	DL	DL	DL	DL	DL	DL
89020	0.06	0.05	DL	0.05	DL	DL	DL	DL
89023	0.05	DL	DL	DL	DL	0.02	DL	DL
89024	0.05	DL	DL	DL	DL	DL	DL	DL
89025	0.03	DL	DL	DL	DL	DL	DL	DL
89027	0.04	0.04	DL	0.05	DL	DL	DL	DL
89028	0.05	DL	DL	DL	DL	DL	DL	DL
89030	DL	DL	DL	DL	DL	DL	DL	DL
89033	DL	DL	DL	DL	DL	DL	DL	DL
89036	DL	DL	DL	DL	DL	DL	DL	DL
89039	0.07	0.05	DL	0.07	DL	DL	DL	DL
89041	0.10	0.08	DL	0.08	DL	DL	DL	DL
89042	0.08	DL	DL	DL	DL	DL	DL	DL
89043	0.10	0.08	DL	0.09	DL	DL	DL	DL
89045	DL	DL	DL	DL	DL	DL	DL	DL
89047	DL	DL	DL	DL	DL	DL	DL	DL
89048	0.04	DL	DL	DL	DL	DL	DL	DL
89051	DL	DL	DL	DL	DL	DL	DL	DL
89055	0.12	0.10	DL	0.11	DL	DL	DL	DL
89057	DL	DL	DL	DL	DL	DL	DL	DL
89058	0.12	0.15	0.05	0.14	DL	DL	DL	DL
89059	0.04	DL	DL	DL	DL	DL	DL	DL
89061	0.07	0.06	DL	0.06	DL	DL	DL	DL
89062	0.04	DL	DL	DL	DL	DL	DL	DL
89064	0.10	0.06	DL	0.05	DL	0.07	0.06	DL
89067	DL	DL	DL	DL	DL	DL	DL	DL
89068	0.02	DL	DL	DL	DL	DL	DL	DL

Sampling Campaign of 1989 (cont'd. 13)

STATION	Benzo [a] pyrene µg/g	Indeno [1,2,3-cd] pyrene µg/g	Dibenzo [a,h] anthracene µg/g	Benzo [ghi] perylene µg/g	Tetralin µg/g	2-Methyl-naphthalene µg/g	1-Methyl-naphthalene µg/g	2-Chloro-naphthalene µg/g
89072	0.05	0.04	DL	0.04	DL	DL	DL	DL
89084	0.03	DL	DL	DL	DL	DL	DL	DL
89086	DL	DL	DL	DL	DL	DL	DL	DL
89087	DL	DL	DL	DL	DL	DL	DL	DL
89088	0.10	0.08	DL	0.08	DL	DL	DL	DL
89089	DL	DL	DL	DL	DL	DL	DL	DL
89090	0.04	DL	DL	DL	DL	DL	DL	DL
89091	0.09	0.06	DL	0.07	DL	DL	DL	DL
89093	0.06	0.06	DL	0.06	DL	DL	DL	DL
89095	0.11	0.09	DL	0.09	DL	DL	DL	DL
89098	0.10	0.10	0.04	0.10	DL	DL	DL	DL
89099	0.10	DL	DL	DL	DL	DL	DL	DL
89100	0.04	DL	DL	DL	DL	DL	DL	DL
89104	DL	DL	DL	DL	DL	DL	DL	DL
89105	DL	DL	DL	DL	DL	DL	DL	DL
89111	0.06	0.07	DL	0.07	DL	DL	DL	DL
89112	0.03	DL	DL	DL	DL	DL	DL	DL
89113	0.07	0.06	DL	0.07	DL	DL	DL	DL
89115	0.04	DL	DL	DL	DL	DL	DL	DL
89121	0.13	0.11	0.04	0.13	DL	DL	DL	DL
89123	0.03	DL	DL	DL	DL	DL	DL	DL
89124	0.06	0.06	DL	0.07	DL	DL	DL	DL
89125	DL	DL	DL	DL	DL	DL	DL	DL
89131	0.05	0.04	DL	0.04	DL	DL	DL	DL
89133	0.04	DL	DL	DL	DL	DL	DL	DL
89137	0.05	DL	DL	DL	DL	DL	DL	DL
89140	DL	DL	DL	DL	DL	DL	DL	DL
89142	0.03	DL	DL	DL	DL	DL	DL	DL
89144	0.02	DL	DL	DL	DL	DL	DL	DL
89149	0.22	0.18	DL	0.18	DL	DL	DL	DL
89150	0.03	DL	DL	DL	DL	DL	DL	DL

Sources: Lorrain and Jarry 1993; Lorrain et al 1993.

Legend: DL: Detection limit.

Sampling Campaign of 1999

STATION	UTM east m	UTM north m	Depth m	Moisture %	Gravel %	Sand %	Silt %	Clay %	Org. C %	N %	Inorg. C %	Hg µg/g	Total PCBs* µg/g	A 1242* µg/g	A 1254* µg/g	A 1260* µg/g
99001	564762	5009346	7.2	45.90	0.00	67.42	15.13	17.45	0.28	0.12	1.7	0.03	0.004	0.0014	0.0014	0.0009
99002	563808	5010682	5.8	68.90	0.00	26.32	70.95	2.73	4.14	0.47	1.21	0.24	0.099	0.0426	0.0388	0.0180
99003	562549	5009549	8.8	78.30	0.00	39.69	44.07	16.24	5.78	0.84	0.56	0.20	0.014	0.0059	0.0051	0.0033
99005	560306	5009900	3.5	0.70	0.00	16.70	63.57	19.73	3.39	0.45	0.96	0.40	0.028	0.0112	0.0108	0.0055
99006	559627	5009476	3.5	60.80	0.00	26.29	61.12	12.59	0.78	0.12	2.69	0.20	0.008	0.0026	0.0030	0.0019
99007	565815	5008181	4.5	45.90	0.00	66.81	31.44	1.75	1.05	0.21	0.46	0.03	0.013	0.0059	0.0044	0.0023
99009	564531	5007134	5.7	48.90	0.00	40.70	48.65	10.65	0.29	0.09	0.29	0.03	0.006	0.0031	0.0020	0.0007
99010	563484	5008437	4.3	23.00	0.00	39.71	39.78	20.51	0.87	0.05	1.65	0.01	0.009	0.0049	0.0028	0.0011
99012	563226	5006021	5.7	54.10	0.00	61.82	38.18	0.00	0.94	0.18	1.88	0.07	0.053	0.0251	0.0194	0.0087
99013	562164	5007328	6.5	70.50	0.00	46.84	44.30	8.86	3.03	0.45	1.46	0.07	0.038	0.0171	0.0136	0.0073
99015	561948	5005111	4.6	52.80	0.00	29.63	53.31	17.06	0.51	0.08	2.37	0.09	0.036	0.0168	0.0128	0.0060
99016	559987	5006377	5	49.10	0.00	18.95	70.92	10.13	0.67	0.14	2.12	0.10	0.173	0.0782	0.0672	0.0278
99017	559947	5007666	7.5	81.60	0.00	0.622	66.25	33.13	5.73	0.78	1.43	0.16	0.023	0.0094	0.0083	0.0052
99018	560731	5004194	3.2	62.20	0.00	21.97	59.01	19.02	1.27	0.18	2.57	0.09	0.094	0.0416	0.0364	0.0158
99019	559689	5005450	4.2	48.50	0.00	66.30	25.70	8.00	1.03	0.13	1.57	0.07	0.027	0.0119	0.0098	0.0058
99020	558624	5006756	6.3	64.70	0.00	26.28	58.36	15.36	1.61	0.24	2.7	0.16	0.037	0.0154	0.0144	0.0075
99021	559401	5003311	2.5	43.60	0.00	39.49	59.22	1.29	0.22	0.07	1.1	0.01	0.002	0.0008	0.0008	0.0004
99022	558401	5004574	3	32.10	0.00	93.98	3.14	2.88	0.36	0.15	2.17	0.03	0.017	0.0077	0.0062	0.0031
99023	557440	5005822	5.1	39.60	0.00	48.44	37.56	14.00	0.42	0.08	1.55	0.10	0.017	0.0081	0.0060	0.0027
99024	557107	5003579	6.9	69.00	0.00	40.96	48.86	10.18	1.69	0.2	2.63	0.10	0.032	0.0140	0.0118	0.0064
99025	556187	5004853	4.5	33.50	0.00	31.80	59.68	8.52	0.42	0.06	1.2	0.11	0.022	0.0103	0.0081	0.0038
99026	555918	5002644	2.9	67.90	0.00	25.75	65.92	8.33	1.73	0.21	4.19	0.07	0.018	0.0079	0.0068	0.0032
99027	557718	5008015	7	76.60	0.00	7.16	67.23	25.61	2.4	0.37	4.07	0.22	0.006	0.0020	0.0023	0.0016
99028	553928	5005236	5.3	72.30	0.00	12.62	48.54	38.84	3.45	0.38	1.82	0.23	0.006	0.0018	0.0026	0.0016
99029	552608	5004293	4.3	43.20	0.00	48.74	46.68	4.58	1.42	0.16	1.1	0.42	0.005	0.0015	0.0020	0.0012
99030	551705	5005578	2.5	39.20	0.00	28.00	63.67	8.33	0.33	0.05	1.2	0.04	0.001	0.0002	0.0003	0.0002
99031	551430	5003371	3.5	39.80	0.00	83.74	5.91	10.35	0.43	0.06	0.89	0.10	0.004	0.0013	0.0015	0.0009
99032	550400	5004629	2	46.50	0.00	50.98	49.02	0.00	0.3	0.05	1.31	0.02	0.001	0.0001	0.0002	0.0001
99033	550102	5002407	3.5	31.60	0.00	91.94	2.02	6.04	0.23	0.04	0.21	0.04	0.001	0.0002	0.0003	0.0002
99035	548838	5001488	3	35.40	0.00	92.58	4.45	2.97	0.29	0.05	0.82	0.03	0.000	0.0001	0.0001	0.0001
99037	547543	5000345	3.4	31.20	0.00	66.06	32.20	1.74	0.18	0.04	0.47	0.04	0.001	0.0003	0.0004	0.0003
99039	546499	4999453	12.9	65.40	0.00	28.11	69.12	2.76	2.14	0.29	3.24	0.11	0.009	0.0034	0.0034	0.0023
99040	545316	5000709	2.9	56.50	0.00	59.13	15.99	24.88	0.69	0.07	3.15	0.03	0.002	0.0005	0.0009	0.0006
99041	544962	4998442	2.5	48.80	0.00	69.12	21.30	9.58	0.8	0.13	1.54	0.07	0.004	0.0018	0.0014	0.0010
99042	544032	4999781	3.8	78.50	0.00	11.94	56.61	31.45	8.24	0.93	0.29	0.43	0.011	0.0031	0.0044	0.0031
99043	542835	4998841	4.9	83.60	0.00	14.28	63.36	22.36	8.32	1.03	0.48	0.43	0.009	0.0030	0.0037	0.0025
99045	541537	4997913	3.5	33.40	0.00	73.04	24.39	2.57	0.32	0.06	0.55	0.08	0.001	0.0003	0.0004	0.0003
99046	554993	5003937	3	23.00	0.00	90.76	5.54	3.70	0.26	0.1	0.56	0.02	0.003	0.0013	0.0009	0.0006
99048	553688	5003030	9.3	47.30	0.00	0.96	43.04	56.00	0.75	0.08	0.33	0.00	0.001	0.0005	0.0004	0.0002
99049	552363	5002025	8.3	43.40	0.00	82.90	12.29	4.81	0.34	0.08	1.69	0.07	0.027	0.0130	0.0098	0.0042
99050	551092	5001117	3.9	28.50	0.00	77.88	20.59	1.53	0.79	0.09	0.64	0.04	0.007	0.0029	0.0024	0.0014
99051	550713	4998985	1.5	29.40	0.00	92.42	2.53	5.05	0.2	0.04	0.2	0.01	0.000	0.0001	0.0001	0.0000

Sampling Campaign of 1999 (cont'd. 1)

STATION	UTM east m	UTM north m	Depth m	Moisture %	Gravel %	Sand %	Silt %	Clay %	Org. C %	N %	Inorg. C %	Hg µg/g	Total PCBs* µg/g	A 1242* µg/g	A 1254* µg/g	A 1260* µg/g
99052	549786	5000158	3.2	47.70	0.00	87.58	12.42	0.00	0.5	0.13	1.45	0.03	0.011	0.0051	0.0036	0.0023
99053	547307	4998138	2.9	29.70	0.00	90.60	4.03	5.37	0.23	0.04	0.4	0.00	0.005	0.0021	0.0018	0.0009
99055	545627	4994969	3.1	69.30	0.00	35.00	47.78	17.22	5.52	0.57	0.05	0.12	0.070	0.0328	0.0253	0.0119
99056	544693	4996300	3.2	49.20	0.00	81.54	8.69	9.77	1.14	0.13	2.84	0.00	0.002	0.0009	0.0007	0.0004
99057	545195	4992723	1.7	28.10	0.00	96.72	0.28	3.00	0.13	0.03	0.07	0.00	0.000	0.0002	0.0002	0.0001
99058	544305	4994025	3	51.40	0.00	55.91	24.80	19.29	3.28	0.28	0.01	0.06	0.031	0.0159	0.0105	0.0047
99059	543401	4995314	3.8	65.70	0.00	35.67	64.33	0.00	3.13	0.28	2.03	0.10	0.017	0.0073	0.0062	0.0038
99061	542098	4994376	3.8	75.20	0.00	17.17	61.77	21.06	6.07	0.73	0.01	0.10	0.015	0.0063	0.0051	0.0033
99062	540796	4993471	3	53.60	0.00	39.11	49.96	10.93	1.52	0.11	0.86	0.15	0.008	0.0038	0.0029	0.0016
99064	559020	5008225	2.3	67.90	0.00	56.45	41.26	2.29	3.22	0.39	2.13	0.10	0.012	0.0048	0.0046	0.0029
99065	555419	5006484	19.1	49.50	0.00	15.03	43.97	41.00	0.42	0.08	0.38	0.02	0.001	0.0002	0.0002	0.0001
99068	550711	5000190	5.7	64.00	0.00	28.81	51.41	19.78	1.04	0.12	2.61	0.06	0.009	0.0041	0.0032	0.0019
99072	543046	4993113	11.3	45.00	0.00	64.59	35.41	0.00	0.81	0.07	2.8	0.04	0.012	0.0058	0.0040	0.0022
99081	524031	4984875	9.4	0.00												
99084	540577	4996987	3.5	58.10	0.00	52.92	33.13	13.95	0.62	0.08	3.11	0.10	0.003	0.0008	0.0015	0.0009
99086	539562	4995115	3.2	81.30	0.00	15.04	67.07	17.89	7.88	0.87	0.8	0.47	0.008	0.0024	0.0032	0.0023
99088	539483	4993621	2.9	74.20	0.00	12.83	66.53	20.64	5.57	0.58	0.2	0.34	0.009	0.0028	0.0035	0.0025
99091	537760	4992505	2.5	77.80	0.00	11.78	75.97	12.25	7.66	0.86	0.26	0.40	0.011	0.0032	0.0048	0.0033
99093	535971	4989857	4	0.00		7.60	92.40	0.00								
99095	534381	4988801	5.4	72.70	0.00	14.62	66.41	18.97	3.89	0.46	2.05	0.52	0.012	0.0037	0.0047	0.0033
99098	527526	4986110	5.7	0.00												
99099	526101	4986106	1.3	50.50	0.00	83.28	12.86	3.86	1.34	0.02	1.55	0.18	0.004	0.0011	0.0016	0.0010
99100	525977	4984841	2.3	49.50	0.00	27.96	54.75	17.29	5.44	0.62	0.01	0.11	0.007	0.0029	0.0026	0.0015
99102	543662	4992080	6.5	62.80	0.00	47.94	50.73	1.33	3.01	0.29	0.26	0.06	0.033	0.0157	0.0115	0.0057
99104	541880	4995482	2	30.50	0.00	85.08	8.36	6.56	0.45	0.06	0.29	0.01	0.001	0.0005	0.0004	0.0003
99105	543933	4990907	1.4	33.40	0.00	36.44	63.56	0.00	0.17	0.01	0.54	0.00	0.001	0.0006	0.0005	0.0002
99110	541972	4991783	1.8	56.10	0.00	60.04	29.30	10.66	1.06	0.12	1.61	0.02	0.009	0.0040	0.0030	0.0016
99111	541443	4992708	1.8	38.30	0.00	59.22	37.78	3.00	1.38	0.06	0.92	0.30	0.061	0.0281	0.0233	0.0097
99113	541845	4990519	3.2	78.00	0.00	23.18	52.10	24.72	6.72	1.01	0.63	0.09	0.032	0.0135	0.0117	0.0070
99120	539750	4991437	1.8	38.90	0.00	81.90	18.10	0.00	0.93	0.19	0.63	0.02	0.004	0.0016	0.0013	0.0008
99123	539106	4990858	1.6	58.30	0.00	41.33	57.45	1.22	4.32	0.68	0.01	0.04	0.006	0.0026	0.0024	0.0013
99124	539356	4988619	4	79.30	0.00	2.55	61.72	35.73	9.43	1.18	0.01	0.13	0.057	0.0244	0.0211	0.0117
99125	538856	4989538	1.8	29.60	0.00	79.28	15.39	5.33	0.84	0.12	0.76	0.00	0.001	0.0007	0.0004	0.0001
99128	537426	4989745	7.8	26.10	0.00	96.06	3.94	0.00	0.5	0.09	0.43	-0.01	0.002	0.0012	0.0005	0.0002
99131	537019	4986959	1.3	69.90	0.00	15.21	42.39	42.40	11.1	0.87	0.12	0.14	0.074	0.0400	0.0254	0.0090
99133	535835	4988461	3	54.10	0.00	54.40	36.91	8.69	2.53	0.51	0.37	0.47	0.009	0.0035	0.0035	0.0017
99137	531773	4985431	8	38.70	0.00	23.70	38.30	38.00	0.97	0.28	0.68	0.04	0.015	0.0079	0.0050	0.0020
99142	529308	4983717	4.1	50.90	0.00	77.30	15.89	6.81	1.89	0.34	0.53	0.04	0.017	0.0087	0.0053	0.0032
99149	524170	4982265	4.3	60.00	0.00	15.23	60.04	24.73	5.5	0.59	0.01	0.16	0.174	0.0943	0.0552	0.0240
99150	526398	4983266	2.3	45.00	0.00	86.98	12.54	0.48	2.3	0.6	0.25	0.03	0.072	0.0383	0.0230	0.0110
99164	532939	4987256	1.5	38.40	0.00	70.12	27.24	2.64	0.97	0.28	0.68	0.06	0.068	0.0296	0.0271	0.0116
99167	530169	4985252	3.6	57.10	0.00	55.44	44.56	0.00	2.95	0.71	0.36	0.05	0.020	0.0105	0.0059	0.0035
99200	532239	4988078	1.5	48.30	0.00	74.34	16.73	8.93	1.55	0.3	0.63	0.31	0.003	0.0007	0.0012	0.0009
99201	521288	4984352	8.9	51.10	0.00	69.42	21.40	9.18	4.43	0.79	0.01	1.09	0.024	0.0069	0.0115	0.0058

* Calculated.

Sampling Campaign of 1999 (cont'd. 2)

STATION	Total PCB congeners pg/g	Trichloro- biphenyls pg/g	Congener # 18 (IUPAC) pg/g	Congener # 17 (IUPAC) pg/g	Congener # 31 (IUPAC) pg/g	Congener # 28 (IUPAC) pg/g	Congener # 33* (IUPAC) pg/g	Tetrachloro- biphenyls pg/g	Congener # 52 (IUPAC) pg/g	Congener # 49* (IUPAC) pg/g	Congener # 44* (IUPAC) pg/g	Congener # 74 (IUPAC) pg/g	Congener # 70* (IUPAC) pg/g
99001	10 488	1 760	130	130	430	850	220	2 820	490	600	370	500	860
99002	279 243	51 300	5 000	2 400	16 000	18 000	9 900	90 000	17 000	18 000	17 000	14 000	24 000
99003	39 713	8 100	690	610	2 700	3 100	1 000	9 700	1 900	2 300	1 400	1 500	2 600
99005	76 719	14 030	1 400	730	3 700	5 300	2 900	22 400	4 700	4 800	4 100	3 100	5 700
99006	20 947	3 410	290	280	960	1 300	580	4 700	1 000	1 000	720	680	1 300
99007	34 569	8 540	840	1 000	3 000	2 700	1 000	9 600	2 100	2 300	1 500	1 300	2 400
99009	16 216	3 940	560	270	1 200	1 200	710	6 330	1 300	1 400	1 300	930	1 400
99010	24 097	69 70	1 100	770	1 900	2 300	900	8 600	1 900	1 800	1 600	1 100	2 200
99012	148 636	33 000	2 900	2 300	9 200	12 000	6 600	48 300	8 700	9 800	8 100	7 700	14 000
99013	105 747	23 200	2 100	2 200	6 700	8 200	4 000	30 900	6 500	7 400	5 300	4 200	7 500
99015	98 753	22 500	1 700	1 500	6 300	8 300	4 700	31 100	5 900	7 400	5 200	4 700	7 900
99016	485 880	98 300	9 100	5 200	25 000	34 000	25 000	162 000	31 000	38 000	30 000	24 000	39 000
99017	63 696	12 500	1 300	1 500	4 100	4 000	1 600	17 200	3 400	4 100	2 700	2 600	4 400
99018	265 331	50 800	4 500	3 300	13 000	19 000	11 000	89 000	16 000	21 000	13 000	14 000	25 000
99019	77 152	15 800	1 200	1 100	4 500	5 700	3 300	22 300	4 400	4 800	3 500	3 400	6 200
99020	104 411	19 600	1 700	1 500	4 800	7 600	4 000	30 200	6 300	7 300	4 300	4 800	7 500
99021	5 318	932	71	51	280	390	140	1 490	270	320	210	250	440
99022	46 971	10 440	780	860	2 800	3 800	2 200	14 000	2 600	3 200	2 000	2 400	3 800
99023	46 475	10 750	780	570	3 100	3 900	2 400	15 200	3 000	3 600	2 300	2 300	4 000
99024	89 497	18 900	1 800	1 800	5 600	6 100	3 600	25 800	4 700	6 100	3 500	4 700	6 800
99025	62 263	13 360	1 200	960	3 700	4 800	2 700	20 700	4 000	4 700	3 400	3 200	5 400
99026	50 172	9 770	880	690	2 800	3 800	1 600	16 200	2 600	3 500	2 100	3 100	4 900
99027	16 354	2 490	230	140	780	990	350	3 480	710	670	500	620	980
99028	16 717	2 160	190	110	730	810	320	3 520	690	620	490	620	1 100
99029	13 438	1 832	170	82	490	610	480	3 180	620	660	550	460	890
99030	1 670	222			79	100	43	333	86	78	62	42	65
99031	10 534	1 741	140	91	550	670	290	2 420	500	510	370	410	630
99032	1 393	155			54	60	41	270	65	63	42	47	53
99033	1 997	286	22	12	82	120	50	436	92	88	61	75	120
99035	859	100			40	60	194	38	34	27	38	57	
99037	2 894	415	33		120	180	82	638	140	130	99	99	170
99039	25 200	4 530	400	290	1 400	1 800	640	5 870	1 300	1 300	950	920	1 400
99040	5 476	571	58		190	240	83	1 010	230	200	150	180	250
99041	11 424	2 490	210	140	730	1 100	310	2 710	570	580	410	460	690
99042	29 314	3 750	290	150	1 200	1 600	510	5 440	1 200	1 000	840	1 000	1 400
99043	25 032	3 980	520	200	1 100	1 600	560	4 860	1 200	910	760	790	1 200
99045	2 822	350	38		110	150	52	612	150	120	98	94	150
99046	7 591	1 990	150	130	660	780	270	1 930	390	400	230	370	540
99048	2 902	697	60	47	200	290	100	770	150	170	100	140	210
99049	75 107	17 400	1 700	1 100	4 600	6 000	4 000	24 700	4 800	5 400	4 200	4 200	6 100
99050	18 487	3 980	310	290	1 300	1 500	580	5 140	1 000	1 100	750	990	1 300
99051	530	73			30	43		142	40	43	18		41

Sampling Campaign of 1999 (cont'd. 3)

STATION	Total PCB congeners pg/g	Trichloro- biphenyls pg/g	Congener # 18 (IUPAC) pg/g	Congener # 17 (IUPAC) pg/g	Congener # 31 (IUPAC) pg/g	Congener # 28 (IUPAC) pg/g	Congener # 33* (IUPAC) pg/g	Tetrachloro- biphenyls pg/g	Congener # 52 (IUPAC) pg/g	Congener # 49* (IUPAC) pg/g	Congener # 44* (IUPAC) pg/g	Congener # 74 (IUPAC) pg/g	Congener # 70* (IUPAC) pg/g
99052	30 372	7 350	640	570	2 300	2 900	940	8 000	1 700	1 800	1 100	1 400	2 000
99053	13 061	2 760	220	140	810	1 100	490	3 860	850	850	540	660	960
99055	194 224	43 700	4 200	2 800	12 000	16 000	8 700	61 900	13 000	14 000	11 000	9 900	14 000
99056	5 602	1 360	120	100	450	500	190	1 480	300	320	210	260	390
99057	1 334	254	29	16	53	100	56	476	120	110	85	70	91
99058	85 763	22 100	2 500	1 800	7 500	7 200	3 100	28 100	5 800	6 600	4 500	4 500	6 700
99059	47 826	9 750	860	790	3 500	3 400	1 200	12 900	2 700	3 000	1 900	2 200	3 100
99061	40 800	8 770	890	780	2 900	3 200	1 000	10 700	2 300	2 500	1 500	1 800	2 600
99062	22 841	5 240	470	320	1 800	1 900	750	6 600	1 300	1 400	1 000	1 200	1 700
99064	34 373	6 110	580	480	1 800	2 400	850	9 100	1 700	1 900	1 200	1 500	2 800
99065	1 464	293			92	150	51	321	89	97	49		86
99068	25 212	5 680	490	450	1 900	2 100	740	6 670	1 400	1 500	970	1 200	1 600
99072	32 919	8 530	830	1 100	2 400	3 100	1 100	9 400	2 100	2 500	1 400	1 300	2 100
99081													
99084	9 021	817	93	44	240	320	120	1 830	490	350	280	260	450
99086	22 293	2 950	270	100	1 000	1 200	380	4 310	800	760	610	840	1 300
99088	25 136	3 360	310	140	1 100	1 400	410	5 270	1 000	980	860	930	1 500
99091	31 785	3 660	310	130	1 300	1 500	420	6 280	1 200	1 100	880	1 200	1 900
99093													
99095	32 360	4 760	520	190	1 700	1 700	650	6 520	1 200	1 100	920	1 200	2 100
99098													
99099	10 017	1 240	100	40	430	510	160	2 040	410	360	310	350	610
99100	19 544	3 830	320	120	1 300	1 500	590	5 280	940	960	810	970	1 600
99102	91 496	21 300	1 900	1 500	6 500	8 100	3 300	28 300	5 500	6 400	4 500	5 000	6 900
99104	3 561	817	97	100	250	250	120	840	170	170	130	140	230
99105	3 441	728	60	38	210	320	100	1 160	250	240	190	180	300
99110	23 472	5 520	520	400	1 900	2 000	700	6 700	1 400	1 200	1 100	1 200	1 800
99111	171 367	34 200	3 700	1 900	8 700	13 000	6 900	60 400	12 000	12 000	12 000	9 400	15 000
99113	89 265	18 100	1 700	1 500	6 800	6 000	2 100	23 900	5 100	5 300	3 200	4 200	6 100
99120	10 462	2 220	190	150	770	800	310	2 700	550	570	390	490	700
99123	17 466	3 390	410	240	1 100	1 200	440	4 780	1 100	1 000	740	740	1 200
99124	158 738	32 500	2 900	2 800	11 000	12 000	3 800	43 400	9 000	9 600	5 500	7 300	12 000
99125	3 511	1 090	280	150	260	270	130	1 360	430	340	270	110	210
99128	4 847	1 900	350	150	550	600	250	1 650	320	320	270	270	470
99131	205 922	52 200	6 800	3 700	16 000	19 000	6 700	79 000	16 000	16 000	14 000	12 000	21 000
99133	23 887	4 120	500	220	1 400	1 400	600	7 360	1 700	1 500	1 400	960	1 800
99137	41 224	10 700	1 500	1 300	3 100	3 700	1 100	14 900	3 400	3 500	2 500	2 100	3 400
99142	46 867	13 200	1 600	1 900	4 300	4 300	1 100	13 000	3 300	3 700	1 900	1 600	2 500
99149	472 210	139 000	27 000	19 000	45 000	37 000	11 000	157 000	41 000	48 000	25 000	18 000	25 000
99150	195 201	56 000	9 000	4 300	17 000	19 000	6 700	61 800	15 000	16 000	9 700	8 100	13 000
99164	187 671	36 200	4 400	2 100	11 000	12 000	6 700	62 000	14 000	13 000	12 000	8 000	15 000
99167	54 234	16 000	1 600	1 800	5 400	5 700	1 500	15 200	3 400	3 900	2 100	2 300	3 500
99200	7 849	806	140	56	190	290	130	1 330	370	280	250	140	290
99201	72 615	4 830	1 200	280	1 500	1 200	650	21 100	5 400	3 900	4 300	2 400	5 100

Sampling Campaign of 1999 (cont'd. 4)

STATION	Pentachloro-biphenyls pg/g	Congener # 95 (IUPAC) pg/g	Congener # 101 (IUPAC) pg/g	Congener # 99 (IUPAC) pg/g	Congener # 87 (IUPAC) pg/g	Congener # 110 (IUPAC) pg/g	Congener # 82 (IUPAC) pg/g	Congener # 118 (IUPAC) pg/g	Congener # 105 (IUPAC) pg/g	Hexachloro-biphenyls pg/g	Congener # 151 (IUPAC) pg/g	Congener # 149 (IUPAC) pg/g	Congener # 153 (IUPAC) pg/g
99001	2 678	240	490	310	270	470	78	490	330	1 940	98	380	400
99002	81 900	7 000	16 000	9 700	9 300	14 000	3 200	13 000	9 700	35 870	1 600	6 400	7 500
99003	9 580	830	1 700	1 100	960	1 600	290	1 900	1 200	7 010	400	1 400	1 600
99005	22 250	2 100	4 500	2 600	2 500	3 800	850	3 600	2 300	11 680	570	2 300	2 600
99006	5 670	550	1 100	650	590	1 000	170	1 000	610	4 309	250	910	980
99007	9 010	910	1 600	1 100	970	1 600	330	1 500	1 000	4 487	270	960	900
99009	4 130	440	860	490	500	720	170	520	430	1 336	80	280	250
99010	5 510	620	1 200	620	630	910	210	810	510	1 936	120	450	420
99012	41 200	3 500	7 600	4 900	4 500	7 000	1 700	7 000	5 000	16 220	890	3 300	3 300
99013	27 200	2 700	5 300	3 300	2 800	4 700	1 000	4 400	3 000	13 940	860	3 100	2 900
99015	26 900	2 400	5 100	3 400	2 900	4 600	1 100	4 400	3 000	11 100	670	2 500	2 300
99016	147 700	14 000	30 000	18 000	17 000	25 000	6 700	21 000	16 000	51 500	2 500	9 900	10 000
99017	15 810	1 700	3 100	1 700	1 600	2 700	510	2 700	1 800	10 390	740	2 400	2 000
99018	78 900	7 100	15 000	9 600	8 600	13 000	3 400	13 000	9 200	29 820	1 500	5 600	6 000
99019	19 880	2 000	3 900	2 400	2 100	3 500	780	3 100	2 100	9 170	530	1 900	1 700
99020	30 100	3 000	6 100	3 700	3 200	5 200	1 100	4 600	3 200	14 730	940	3 400	2 900
99021	1 630	150	320	200	180	280		310	190	867	49	190	180
99022	12 890	1 300	2 600	1 600	1 300	2 300	490	2 000	1 300	5 990	390	1 400	1 200
99023	12 690	1 300	2 500	1 600	1 400	2 100	490	2 000	1 300	4 872	300	1 100	1 000
99024	23 320	2 300	4 300	2 800	2 500	4 100	820	4 000	2 500	13 150	880	3 200	2 500
99025	16 300	1 700	3 200	2 000	1 700	2 600	600	2 700	1 800	7 400	420	1 800	1 500
99026	14 170	1 400	2 800	1 700	1 500	2 400	470	2 300	1 600	6 290	380	1 500	1 200
99027	4 490	430	890	540	460	740	110	820	500	3 504	170	600	820
99028	5 050	560	1 100	550	500	850	130	870	490	3 977	170	810	870
99029	3 860	460	860	480	410	710		580	360	2 735	130	600	620
99030	459	41	91	57	47	76		97	50	471	20	110	98
99031	2 869	280	570	360	290	500	79	480	310	2 073	120	420	470
99032	446	37	89	57	52	72		91	48	360	20	70	82
99033	603	57	120	72	61	97	17	110	69	421	22	75	94
99035	253	26	55	30	25	40		48	29	197		41	50
99037	782	74	150	93	77	140	19	140	89	633	29	120	150
99039	6 280	650	1 200	720	610	1 100	150	1 200	650	4 854	250	930	1 100
99040	1 623	150	320	180	160	280	43	310	180	1 640	60	240	320
99041	2 544	210	470	270	230	430	54	560	320	2 082	110	480	530
99042	8 240	740	1 600	900	790	1 400	190	1 700	920	7 620	290	1 500	1 800
99043	6 970	690	1 400	740	710	1 200	160	1 300	770	6 020	250	1 200	1 400
99045	840	81	170	97	86	150	19	150	87	700	31	140	160
99046	1 731	150	320	180	180	340	71	320	170	1 238	67	320	200
99048	685	61	140	78	70	120		130	86	466	21	79	83
99049	20 850	2 200	4 300	2 600	2 200	3 500	750	3 200	2 100	7 590	410	1 400	1 600
99050	4 660	460	890	550	440	800	140	850	530	2 676	160	540	550
99051	188	23	45	27		35		36	22	101		26	23

Sampling Campaign of 1999 (cont'd. 5)

STATION	Pentachloro-biphenyls pg/g	Congener # 95 (IUPAC) pg/g	Congener # 101 (IUPAC) pg/g	Congener # 99 (IUPAC) pg/g	Congener # 87 (IUPAC) pg/g	Congener # 110 (IUPAC) pg/g	Congener # 82 (IUPAC) pg/g	Congener # 118 (IUPAC) pg/g	Congener # 105 (IUPAC) pg/g	Hexachloro-biphenyls pg/g	Congener # 151 (IUPAC) pg/g	Congener # 149 (IUPAC) pg/g	Congener # 153 (IUPAC) pg/g
99052	6 950	620	1 200	780	660	1200	200	1 400	890	4 117	240	810	860
99053	3 630	310	690	430	370	630	120	620	460	1 794	94	440	370
99055	52 100	4 900	10 000	5 900	5 300	9 200	2 000	8800	6000	22 720	1200	4 00	4 500
99056	1 183	110	220	130	110	200	33	240	140	832	48	190	170
99057	397	45	81	49	41	61	16	61	43	144	8	37	31
99058	21 440	2 400	4 300	2 400	2 200	3 700	740	3 400	2300	8 560	500	1 600	1 700
99059	11 740	1 400	2 400	1 400	1 100	2 000	340	1900	1200	7 820	460	1 600	1 700
99061	9 530	1 100	2 000	1 100	950	1 600	260	1600	920	6 550	420	1 600	1 400
99062	5 500	580	1 100	680	550	940	140	940	570	3 377	170	690	740
99064	8 660	900	1 700	1 000	910	1 500	250	1500	900	6 300	360	1 00	1 200
99065	378	32	70	41	34	60	12	81	48	307	15	56	79
99068	6 140	560	1 100	680	570	1 100	180	1 200	750	3 659	210	700	770
99072	7 540	940	1 500	820	700	1 400	220	1 200	760	4 201	320	1 000	810
99081													
99084	3 180	390	730	370	350	570		500	270	2 255	97	430	500
99086	6 100	540	1 200	730	620	990	150	1 200	670	5 349	250	890	1 400
99088	6 640	560	1 300	790	710	1 100	180	1 200	800	5 564	240	1 000	1 400
99091	9 300	760	1 900	1 200	1 000	1 500	240	1 700	1 000	7 410	350	1 300	1 900
99093													
99095	8 580	760	1 800	980	880	1 500	220	1500	940	7 630	370	1 400	1 800
99098													
99099	3 234	280	640	400	320	550	74	610	360	2 319	95	370	570
99100	5 120	400	1 000	660	540	830	140	910	640	3 297	150	580	810
99102	23 540	2 200	4 500	2 700	2 400	4 100	840	4 200	2 600	10 600	630	2 200	2 300
99104	770	82	160	80	77	120	21	140	90	638	37	130	150
99105	1 023	110	190	130	110	160	33	180	110	364	22	65	77
99110	6 050	620	1 200	660	620	1 000	190	1 100	660	3 114	190	630	640
99111	49 500	5 600	10 000	5 800	5 900	8 300	2 000	7 200	4 700	18 000	960	3 700	3 600
99113	22 820	2 600	4 500	2 700	2 300	3 800	720	3 900	2 300	13 980	1 000	3 100	3 000
99120	2 531	250	500	290	260	420	71	460	280	1 748	110	360	400
99123	4 780	470	980	580	540	780	130	810	490	2 859	150	580	680
99124	43 300	4 300	8 400	5 000	4 500	7 100	1 500	7 700	4 800	22 850	1 400	4 800	4 900
99125	726	130	170	82	89	120	23	72	40	243	17	59	48
99128	813	69	140	92	85	140	21	170	96	310	18	54	75
99131	52 600	5 500	10 000	6 300	6 500	8 100	2 000	8 100	6 100	15 700	840	2 900	3 200
99133	7 180	810	1 600	870	770	1 200	190	1 100	640	3 593	160	670	760
99137	10 020	1 200	2 100	1 200	1 100	1 700	340	1 500	880	3 770	240	790	720
99142	9 510	1 100	1 800	1 100	1 000	1 700	270	1 600	940	5 900	420	1 300	1 200
99149	107 100	15 000	22 000	13 000	10 000	20 000	3 400	15 000	8 700	44 130	2 700	9 300	8 100
99150	43 800	5 400	9 600	5 200	4 400	8 200	1 300	6 500	3 200	21 050	1 400	4 600	4 100
99164	56 400	6 900	13 000	6 900	5 500	9 600	1 600	8 800	4 100	26 100	1 000	4 900	5 400
99167	10 610	1 100	1 900	1 200	1 100	1 900	310	1 900	1 200	6 420	460	1 400	1 300

Sampling Campaign of 1999 (cont'd. 6)

STATION	Congener # 132 (IUPAC) pg/g	Congener # 138 (IUPAC) pg/g	Congener # 158* (IUPAC) pg/g	Congener # 128 (IUPAC) pg/g	Congener # 156 (IUPAC) pg/g	Heptachlorobiphenyls pg/g	Congener # 187* (IUPAC) pg/g	Congener # 183 (IUPAC) pg/g	Congener # 177 (IUPAC) pg/g	Congener # 171 (IUPAC)0 pg/g	Congener # 180 (IUPAC) pg/g	Congener # 191* (IUPAC) pg/g
99001	180	650	29	140	63	862	240	79	120	43	180	
99002	3 700	12 000	670	2 800	1 200	14 310	3 000	1 200	1 600	610	5 000	
99003	560	2 200	130	500	220	3 697	980	200	480	140	1 200	17
99005	1 200	3 600	190	860	360	4 474	910	340	550	180	1 600	24
99006	400	1 300	69	280	120	1 988	450	140	240	78	660	
99007	420	1 400	77	320	140	2 074	510	150	280	90	670	14
99009	160	420	26	89	31	356	100		45	14	120	
99010	180	550	33	130	53	790	220	53	88	29	250	
99012	1 600	5 100	270	1 200	560	7 226	1 700	510	980	300	2 200	36
99013	1 300	4 200	220	900	460	7 527	1 900	570	1 100	320	2 200	37
99015	1 100	3 200	170	770	390	5 160	1 100	370	650	210	1 700	30
99016	5 400	17 000	900	4 000	1 800	19 580	3 300	1 400	2 500	860	7 200	120
99017	990	3 200	170	610	280	5 691	1 400	360	780	220	1 800	31
99018	3 100	9 400	620	2 400	1 200	12 412	2 700	920	1 600	520	4 200	72
99019	860	2 600	140	470	970	8 420	880	230	1 800	510	2 000	
99020	1 500	4 400	250	900	440	6 853	1 500	440	790	280	2 300	43
99021	82	250	16	69	31	311	69	17	43	14	98	
99022	590	1 800	100	330	180	2 624	600	150	310	98	900	16
99023	490	1 400	82	330	170	2 138	390	130	270	84	740	14
99024	1 200	3 800	260	940	370	6 002	1 600	390	660	220	1 900	32
99025	720	2 100	120	500	240	3 263	700	220	380	130	1 100	23
99026	570	1 900	120	420	200	2 714	620	180	300	100	890	14
99027	280	1 200	66	270	98	1 627	440	120	180	67	520	
99028	360	1 300	77	280	110	1 387	360	87	130	50	460	
99029	280	800	45	180	80	1 030	220	70	100	40	380	
99030	35	150	9	37	12	124	39		14		44	
99031	170	650	36	150	57	922	250	63	110	39	300	
99032	30	110	9	27	12	123	37	10	16		36	
99033	34	140	10	34	12	165	49	10	21		53	
99035	16	64	5	17	5	78	25	6			34	
99037	55	200	12	50	17	280	74	21	30		97	
99039	390	1 600	94	360	130	2 512	640	190	280	92	820	
99040	110	500	270	110	30	400	150	40			110	
99041		700	41	170	51	1 067	300	84	97	36	360	
99042	640	2 400	180	590	220	2 890	720	220	300	110	990	
99043	510	1 900	120	490	150	2 230	580	160	220	90	750	
99045	56	230	12	55	16	220	62	17	25		71	
99046	110	400	21	91	29	506	160	47	42	14	160	
99048	34	130	82	26	11	195	51		22	9	73	
99049	810	2 400	160	580	230	3 311	760	260	360	130	1 100	21
99050	260	840	54	190	82	1 456	410	110	170	56	440	
99051	9	35		8		18					18	

Sampling Campaign of 1999 (cont'd. 7)

STATION	Congener # 132 (IUPAC) pg/g	Congener # 138 (IUPAC) pg/g	Congener # 158* (IUPAC) pg/g	Congener # 128 (IUPAC) pg/g	Congener # 156 (IUPAC) pg/g	Heptachloro-biphenyls pg/g	Congener # 187* (IUPAC) pg/g	Congener # 183 (IUPAC) pg/g	Congener # 177 (IUPAC) pg/g	Congener # 171 (IUPAC0) pg/g	Congener # 180 (IUPAC) pg/g	Congener # 191* (IUPAC) pg/g
99052	360	1 300	87	330	130	2 946	670	180	270	96	1 300	
99053	150	530	32	130	48	725	190	55	82	28	220	
99055	2 300	7 100	450	1 700	670	10 230	2 600	760	1 100	370	3 400	
99056	67	250	17	56	34	558	110	33	75		210	
99057	14	42		12		46	17				20	
99058	920	2 700	200	660	280	4 087	1 000	340	450	170	1 300	27
99059	700	2 500	150	520	190	4 070	1 200	350	470	140	1 200	
99061	520	1 900	110	420	180	3 690	1 000	270	410	140	1 200	
99062	310	1 100	56	220	91	1 499	420	110	160	59	470	
99064	520	1 900	130	530	160	2 970	840	210	340	110	900	
99065	19	110	4	24		125	35	9	11		43	
99068	330	1 200	79	260	110	2 182	590	160	250	82	690	
99072	440	1 200	81	250	100	2 351	650	190	280	91	730	
99081												
99084	230	710	49	180	59	665	170	49	72	29	200	5
99086	440	1 700	99	410	160	2 419	590	200	270	89	810	
99088	480	1 800	94	390	160	2 810	570	210	350	120	1 000	
99091	580	2 400	130	550	200	3 410	810	250	390	120	1 200	
99093												
99095	630	2 600	130	530	170	3 248	830	260	360	120	1 100	18
99098												
99099	200	790	52	170	72	801	190	65	84	32	280	
99100	260	1 100	56	250	91	1 275	320	84	160	51	420	
99102	970	3 100	200	820	380	5 592	1 400	430	610	220	1 800	32
99104	54	200	13	37	17	355	95	31	35	16	110	
99105	28	120	6	32	14	123	40	9	14		36	
99110	290	1 000	54	210	100	1 508	400	100	180	59	460	9
99111	1 800	5 700	400	1 300	540	6 912	1 700	620	680	270	2 400	42
99113	1 200	4 300	250	720	410	7 530	2 000	540	900	290	2 400	
99120	140	540	33	110	55	892	230	68	100	34	290	
99123	230	900	46	190	83	1 168	320	84	130	44	370	
99124	2 100	7 100	420	1 400	730	11 959	3 100	820	1 400	470	3 900	69
99125	21	75	4	16	3	75	24	8	8	3	21	
99128	24	99	6	25	9	124	34	9	12	5	42	
99131	1 600	5 100	360	1 200	500	4 947	1 200	410	510	190	1 600	37
99133	360	1 200	63	270	110	1 135	270	79	120	46	380	
99137	360	1 200	80	280	100	1 415	390	120	150	55	440	
99142	530	1 800	110	370	170	3 747	980	280	430	150	1 200	27
99149	4 800	14 000	830	3 100	1 300	18 580	4 600	1 600	2 000	780	6 100	
99150	2 000	6 500	400	1 500	550	9 546	2 500	860	970	360	3 100	56
99164	2 900	8 400	520	2 100	880	5 604	1 100	440	560	260	1 900	44
99167	550	2 000	130	400	180	4 160	1 100	320	480	160	1 300	30
99200	170	590	34	140	49	950	210	80	77	34	370	9
99201	1 000	3 300	230	680	350	5 800	1 200	560	500	240	2 200	

Sampling Campaign of 1999 (cont'd. 8)

STATION	Congener # 170* (IUPAC) pg/g	Octachlorobiphenyls pg/g	Congener # 199 (IUPAC) pg/g	Congener # 195 (IUPAC) pg/g	Congener - # 194 (IUPAC) pg/g	Congener # 205 (IUPAC) pg/g	Nonachlorobiphenyls pg/g	Congener # 208 (IUPAC) pg/g	Congener # 206 (IUPAC) pg/g	Decachlorobiphenyls pg/g	Congener # 209 (IUPAC) pg/g
99001	200	255	110	39	100	6	116	31	85	57	57
99002	2 900	3 983	2 000	500	1 400	83	1120	280	840	760	760
99003	680	1 036	470	150	390	26	370	100	270	220	220
99005	870	1 135	520	150	440	25	440	120	320	310	310
99006	420	534	250	72	200	12	196	56	140	140	140
99007	360	599	270	76	240	13	175	35	140	84	84
99009	77	90	46	14	26	4	23	6	17	11	11
99010	150	190	87	29	74		70	17	53	31	31
99012	1 500	1 900	900	270	730		550	120	430	240	240
99013	1 400	2 110	940	300	820	50	590	130	460	280	280
99015	1 100	1 483	690	200	560	33	370	80	290	140	140
99016	4 200	5 440	2 500	730	2 100	110	1010	240	770	350	350
99017	1 100	1 515	640	230	610	35	420	100	320	170	170
99018	2 400	3 239	1 400	460	1 300	79	840	170	670	320	320
99019	3 000	1 063	490	140	410	23	319	69	250	200	200
99020	1 500	1 998	880	280	790	48	660	130	530	270	270
99021	70	70	32	11	27		18		18	0	
99022	550	719	300	100	300	19	218	48	170	90	90
99023	510	574	260	79	220	15	164	34	130	87	87
99024	1 200	1 615	700	230	640	45	510	100	410	200	200
99025	710	820	340	120	340	20	310	60	250	110	110
99026	610	702	310	97	280	15	228	48	180	98	98
99027	300	441	240	50	140	11	182	52	130	140	140
99028	300	328	160	41	120	7	175	45	130	120	120
99029	220	327	170	40	110	7	244	74	170	230	230
99030	27	34	17	4	13		16	5	11	11	11
99031	160	277	140	35	95	7	132	35	97	100	100
99032	24	27	13	4	10		13	4	9	0	
99033	32	43	23	6	14		25	7	18	18	18
99035	13	21	10		11		8		8	8	8
99037	58	77	36	10	31		40	12	28	29	29
99039	490	639	300	89	230	20	275	75	200	240	240
99040	100	126	69	13	41	3	60	18	42	46	46
99041	190	310	140	43	120	7	134	36	98	87	87
99042	550	746	370	94	260	22	358	98	260	270	270
99043	430	550	260	73	200	17	242	72	170	180	180
99045	45	53	27	8	18		27	9	18	20	20
99046	83	142	54	22	62	4	37	9	28	17	17
99048	40	60	30	9	21		20	5	15	9	9
99049	680	935	430	130	350	25	229	49	180	92	92
99050	270	406	180	55	160	11	115	27	88	54	54
99051		8			8		0			0	

Sampling Campaign of 1999 (cont'd. 9)

STATION	Congener # 170° (IUPAC) pg/g	Octachlorobiphenyls pg/g	Congener # 199 (IUPAC) pg/g	Congener # 195 (IUPAC) pg/g	Congener - # 194 (IUPAC) pg/g	Congener # 205 (IUPAC) pg/g	Nonachlorobiphenyls pg/g	Congener # 208 (IUPAC) pg/g	Congener # 206 (IUPAC) pg/g	Decachlorobiphenyls pg/g	Congener # 209 (IUPAC) pg/g
99052	430	711	310	100	280	21	208	48	160	90	90
99053	150	196	85	30	75	6	65	16	49	31	31
99055	2 000	2 644	1 100	370	1 100	74	670	140	530	260	260
99056	130	129	56	17	53	3	42	10	32	18	18
99057	9	15	5	2	8		3	3		0	
99058	800	1 085	490	150	420	25	271	61	210	120	120
99059	710	1 047	500	130	390	27	319	79	240	180	180
99061	670	1 037	460	140	410	27	363	83	280	160	160
99062	280	395	190	55	140	10	145	35	110	85	85
99064	570	758	330	110	300	18	305	65	240	170	170
99065	27	27	12	3	12		13	5	8	0	
99068	410	624	270	86	250	18	179	39	140	78	78
99072	410	642	280	95	250	17	177	37	140	78	78
99081											
99084	140	154	81	21	52		72	21	51	48	48
99086	460	595	310	79	190	16	320	90	230	250	250
99088	560	847	430	110	290	17	315	85	230	330	330
99091	640	945	510	110	310	15	410	120	290	370	370
99093											
99095	560	892	460	110	300	22	420	100	320	310	310
99098											
99099	150	211	120	24	67		97	26	71	75	75
99100	240	385	210	48	120	7	187	57	130	170	170
99102	1 100	1 588	710	220	620	38	406	86	320	170	170
99104	68	89	45	12	32		32	8	24	20	20
99105	24	29	14	5	10		10	3	6	3	3
99110	300	430	190	61	170	9	105	24	81	45	45
99111	1 200	1 677	760	230	650	37	428	98	330	250	250
99113	1 400	2 205	1 000	300	860	45	540	120	420	190	190
99120	170	252	120	34	92	6	74	19	55	45	45
99123	220	305	160	41	97	7	106	30	76	78	78
99124	2 200	3 579	1 700	500	1 300	79	830	190	640	320	320
99125	11	13	8		5		4	2	2	0	
99128	22	30	15	5	10		12	4	8	8	8
99131	1 000	1 073	510	150	390	23	302	72	230	100	100
99133	240	312	150	35	120	7	108	29	79	79	79
99137	260	303	140	43	120		80	17	63	36	36
99142	680	1 091	480	140	440	31	309	59	250	110	110
99149	3 500	4 770	2 100	650	1 900	120	1 180	240	940	450	450
99150	1 700	2 463	1 100	340	960	63	450	80	370	92	92
99164	1 300	1 047	440	140	440	27	225	45	180	95	95
99167	770	1 326	570	180	540	36	368	78	290	150	150
99200	170	345	160	47	130	8	192	52	140	160	160
99201	1 100	1 835	900	230	660	45	1 770	370	1 400	660	660

2 Location, particle-size and geochemical analysis of sediment cores

Sediment core SF-90-17

Interval cm	Sand and gravel %	Silt %	Clay %	Phi 50	Sorting coef.	Date	Moisture %	Density g/cm ³	Org. C %	Inorg. C %	Al µg/g	Cd µg/g	Cr µg/g	Cu µg/g	Fe µg/g	Li µg/g	Mn µg/g	Ni µg/g	Pb µg/g	Zn µg/g
0 to 1	2.6	38.9	58.6	8.0	2.0	1989	77.6	1.35		77 794	0.55	83	35	30 324	24.8	515	33	35	168	
1 to 2	2.8	35.0	62.2			1988	76.8	1.36		69 763	1.00	99	52	30 135	29.8	540	43	49	312	
2 to 3	3.1	31.1	65.9	8.4	1.9	1987	80.0	1.31		69 897	1.00	89	56	33 554	33.2	587	47	54	340	
3 to 4	2.9	38.2	58.9	8.0	2.1	1986	76.0	1.38		71 778	1.10	103	52	32 641	30.7	603	47	43	300	
4 to 5	8.0	44.3	47.7	7.3	2.3	1985	74.4	1.40		69 306	0.96	78	48	29 415	29.0	574	39	43	281	
5 to 6	16.4	43.3	40.3	6.6	2.5	1983	67.2	1.51		69 658	0.80	86	34	25 245	22.1	516	33	35	197	
6 to 7	18.0	40.3	41.8	6.6	2.6	1981	61.6	1.60		70 976	0.75	59	29	23 210	20.1	483	28	36	175	
7 to 8	16.2	49.0	34.8	6.3	2.4	1979	58.4	1.65		71 999	0.78	61	29	23 336	22.1	471	29	37	175	
8 to 9	12.0	53.6	34.4	6.4	2.4	1977	56.8	1.68		72 062	0.81	81	33	24 576	22.4	480	33	51	195	
9 to 10	21.9	47.8	30.3	5.9	2.5	1974	49.6	1.79		64 532	1.03	74	52	30 369	27.4	784	36	44	281	
11 to 12	20.8	54.2	25.0	5.7	2.2	1968	45.6	1.85		71 376	0.98	69	26	21 275	452	28	41	157		
13 to 14	7.6	47.7	44.7	7.2	2.3	1963	56.8	1.68		72 363	0.84	92	53	26 416	25.8	528	38	63	327	
15 to 16	2.9	48.6	48.5	7.6	2.1	1959	60.8	1.62		73 733	0.96	85	63	31 911	30.6	634	43	56	402	
17 to 18	1.3	47.8	50.9	7.7	2.0	1955	58.4	1.65		70 794	0.93	100	56	31 806	30.0	706	42	50	323	
19 to 20	1.3	51.4	47.3	7.7	1.9	1950	51.2	1.77		68 278	0.66	89	46	29 184	26.0	703	37	41	299	
21 to 22	5.8	43.8	50.5	7.7	2.1	1944	48.8	1.80		69 936	0.98	88	41	28 847	25.7	676	37	40	291	
23 to 24	22.5	36.0	41.5	6.6	2.7	1937	43.2	1.89		73 672	1.15	83	35	26 649	22.5	534	32	35	254	
25 to 26	23.0	40.9	36.1	6.2	2.6	1930	40.8	1.93		71 885	0.58	78	32	25 439	21.0	472	30	35	190	
27 to 28	18.1	40.8	41.1	6.5	2.7	1924	42.8	1.90		75 287	0.66	82	36	26 872	22.1	490	34	40	182	
29 to 30	20.9	37.5	41.7	6.1	2.7	1917	43.2	1.89		73 219	0.63	81	28	23 073	17.7	485	29	46	170	
32 to 33	18.4	43.8	37.8	6.2	2.5	1906	41.2	1.92		72 011	0.49	68	21	26 162	21.3	481	27	29	90	
35 to 36	22.1	39.5	38.5	6.2	2.6	1895	40.0	1.94		71 775	0.30	69	17	24 308	18.7	482	25	22	67	
38 to 39	27.9	29.8	42.3	6.0	2.8	1883	34.4	2.03		72 558	0.24	68	13	22 406	16.3	459	22	17	55	
41 to 42	48.0	25.2	26.8	4.9	2.5	1869	28.0	2.13		72 594	0.00	53	8	16 679	13.7	424	19	16	43	
44 to 46	22.5	38.6	38.9	6.0	2.6	1858														

Sediment core SF-90-18

Interval cm	Sand and gravel %	Silt %	Clay %	Phi 50	Sorting coef.	Date	Moisture %	Density g/cm ³	Org. C %	Inorg. C %	Al µg/g	Cd µg/g	Cr µg/g	Cu µg/g	Fe µg/g	Li µg/g	Mn µg/g	Ni µg/g	Pb µg/g	Zn µg/g
0 to 1	38.4	23.8	37.8	5.4	3.0					68 906	0.58	65	22	24 525	21.6	607	24	38	111	
1 to 2	55.9	15.5	28.6	4.4	2.8					67 076	0.40	63	14	21 213	13.6	495	19	32	85	
2 to 3	48.3	24.7	27.0	4.7	2.7					64 511	0.72	64	23	21 857	14.7	479	23	36	115	
3 to 4	42.7	27.6	29.7	5.1	2.8					66 733	0.93	66	30	23 108	17.6	494	29	43	143	
4 to 5	49.6	21.9	28.5	4.8	2.9					39 647	0.69	70	27	22 249	14.8	480	25	37	127	
5 to 6	49.0	19.8	31.2	4.9	3.0					58 396	0.56	62	23	20 032	12.5	431	21	29	108	
6 to 7	67.5	10.6	21.9	4.0	2.5					58 146	0.15	47	7	18 926	11.0	340	14	10	42	
7 to 8	58.3	18.9	22.9	4.2	2.8					65 305	0.57	64	20	21 063	14.0	486	21	33	103	
8 to 9	79.5	7.4	13.2	3.5	2.1					57 251	0.19	44	6	18 166	10.9	340	14	9	34	
9 to 10	78.5	5.3	16.2	3.5	2.2					57 741	0.10	51	6	17 308	12.1	332	14	19	34	
11 to 12	70.7	10.6	18.8	3.6	2.5					64 007	0.30	62	14	19 756	11.9	468	18	29	79	
13 to 14	74.1	7.6	18.4	3.8	2.4					58 326	0.10	47	7	19 471	11.7	346	15	11	35	
15 to 16	78.5	7.0	14.5	3.6	2.2					59 933	0.05	46	6	18 115	12.4	336	14	16	36	
17 to 18	76.7	9.8	13.6	3.3	2.3					64 334	0.30	44	8	18 867	11.3	453	16	19	61	
19 to 20	84.1	5.9	9.9	2.9	2.0					62 850	0.15	42	5	17 941	9.5	425	12	15	36	
21 to 22	65.6	14.0	20.5	4.0	2.8					63 984	0.43	54	16	20 137	11.2	476	19	25	89	

Sediment core SF-90-19

Interval cm	Sand and gravel %	Silt %	Clay %	Phi 50	Sorting coef.	Date	Moisture %	Density g/cm ³	Org. C %	Inorg. C %	Al µg/g	Cd µg/g	Cr µg/g	Cu µg/g	Fe µg/g	Li µg/g	Mn µg/g	Ni µg/g	Pb µg/g	Zn µg/g
0 to 1	26.7	36.8	36.5	6.5	3.7						55 786	0.76	75	34	27 050	22.9	686	34	38	140
1 to 2	72.5	12.8	14.7	4.0	2.8						50 451	0.35	58	13	20 443	13.8	490	19	25	71
2 to 3	89.8	10.2	0.0	2.7	0.9						48 068	0.10	41	5	19 150	9.0	446	14	13	39
3 to 4	94.7	5.3	0.0	2.9	0.7						55 433	0.10	51	6	19 363	11.7	396	16	18	38
4 to 5	92.4	7.6	0.0	2.9	0.8						61 203	0.05	48	7	18 323	16.2	354	15	26	35
5 to 6	96.7	3.3	0.0	2.8	0.7						59 531	0.00	52	8	19 209	12.8	356	17	10	36
6 to 7	16.9	7.3	78.8								95 408	0.00	159	52	50 336	54.4	793	76	18	110
7 to 8	57.5	3.0	39.5	5.5	5.1						80 185	0.09	111	30	30 642	32.3	580	52	15	70
8 to 9	76.0	13.0	11.0	3.7	2.4						66 158	0.30	59	11	18 966	14.5	464	19	22	71
9 to 10	98.0	2.0	0.0	2.1	1.1						62 759	0.14	50	5	16 023	11.2	364	14	20	31
11 to 12	12.5	4.0	83.5	8.7	3.3						93 296	0.05	152	45	47 973	46.1	749	72	14	103

Sediment core SF-90-20

Interval cm	Sand and gravel %	Silt %	Clay %	Phi 50	Sorting coef.	Date	Moisture %	Density g/cm ³	Org. C %	Inorg. C %	Al µg/g	Cd µg/g	Cr µg/g	Cu µg/g	Fe µg/g	Li µg/g	Mn µg/g	Ni µg/g	Pb µg/g	Zn µg/g
0 to 1	32.9	41.3	25.8	6.0	2.9						66 270	0.78	65	31	23 687	20.9	627	29	36	210
1 to 2	47.2	31.0	21.8	5.5	2.7						60 012	0.66	67	25	19 778	16.0	449	26	33	175
2 to 3	52.1	34.8	13.2	4.9	2.3						65 986	0.54	67	22	20 097	14.4	450	27	31	179
3 to 4	41.6	44.5	13.9	5.2	2.2						72 020	0.41	62	28	21 391	16.5	454	29	36	223
4 to 5	45.3	28.4	26.3	5.8	3.1						72 253	0.45	70	26	21 169	16.6	430	27	35	200
5 to 6	42.2	33.3	24.6	5.8	2.9						75 096	0.43	74	26	22 262	19.3	447	29	41	188
6 to 7	40.8	38.6	20.7	5.5	2.7						71 656	0.52	71	25	22 250	17.9	445	28	45	173
7 to 8	39.5	41.2	19.3	5.5	2.6						76 617	0.38	68	24	23 519	18.5	466	28	38	159
8 to 9	32.0	46.8	21.2	5.6	2.7						75 335	0.51	56	22	23 046	19.7	451	27	38	132
9 to 10	27.3	54.3	18.5	5.7	2.5						74 452	0.37	62	19	22 893	19.0	454	27	40	107
11 to 12	20.9	51.9	27.2	6.4	2.9						74 056	0.38	46	19	24 896	19.0	464	26	28	83
13 to 14	23.3	51.5	25.2	6.2	2.9						77 264	0.38	49	20	24 754	25.3	461	29	36	80
15 to 16	21.0	53.4	25.6	6.3	2.8						75 443	0.25	50	16	24 496	23.5	464	29	23	65
17 to 18	25.1	46.7	28.2	6.3	3.1						74 000	0.20	68	14	23 760	22.4	456	31	21	58
19 to 20	43.6	40.7	15.7	5.1	2.5						70 037	0.25	66	11	21 365	14.7	429	21	19	48
21 to 22	60.9	25.5	13.6	4.3	2.9						67 190	0.00	59	8	22 535	12.7	408	18	17	40
23 to 24	77.8	13.5	8.7	2.7	2.4						59 254	0.10	53	5	37 030	12.0	459	22	14	38

Sediment core SF-90-21

Interval cm	Sand and gravel %		Silt %	Clay %	Phi 50	Sorting coef.	Date	Moisture %	Density g/cm3	Org. C %	Inorg. C %	Al µg/g	Cd µg/g	Cr µg/g	Cu µg/g	Fe µg/g	Li µg/g	Mn µg/g	Ni µg/g	Pb µg/g	Zn µg/g
0 to 1	49.7	32.5	17.9	5.0	2.6			74.0	1.41			62 710	0.44	62	19	19 276	13.8	451	23	29	135
1 to 2	40.1	38.9	21.0	5.1	3.2			57.6	1.67			63 373	0.63	71	27	20 005	16.2	428	25	37	184
2 to 3	19.8	46.6	33.6	6.7	2.9			60.8	1.62			64 998	0.70	80	41	24 824	22.3	486	35	51	285
3 to 4	11.7	60.0	28.3	6.8	2.1			61.6	1.60			65 827	0.84	88	48	28 807	23.9	583	37	49	311
4 to 5	6.6	53.4	40.1	7.6	1.9			72.0	1.44			65 878	0.81	88	52	29 393	24.8	625	37	49	310
5 to 6	9.1	55.6	35.3	7.4	1.9			59.2	1.64			64 254	0.84	82	56	27 588	23.9	623	37	43	279
6 to 7	6.9	53.2	39.9	7.7	1.7			56.0	1.69			65 199	0.72	84	45	27 276	23.1	623	35	44	262
7 to 8	6.8	59.9	33.4	7.3	1.8			55.2	1.70			65 862	0.74	84	43	27 930	23.1	654	34	40	268
8 to 9	4.0	52.7	43.3	7.8	1.8			54.4	1.72			63 642	0.68	83	41	27 613	24.3	664	36	49	302
9 to 10	2.9	47.7	49.3	8.2	1.8			54.4	1.72			61 485	0.65	80	38	26 754	23.5	648	33	46	305
11 to 12	3.0	50.3	46.7	8.0	1.7			52.0	1.75			68 570	0.51	82	41	29 126	25.9	693	37	39	334
13 to 14	2.9	45.2	51.8	8.2	1.9			51.2	1.77			62 561	0.60	56	43	29 478	24.7	668	38	38	339
15 to 16	3.2	46.4	50.4	8.2	1.7			50.8	1.77			62 644	0.47	78	46	28 746	25.0	663	36	36	369
17 to 18	7.6	51.1	41.3	7.6	2.2			56.0	1.69			64 092	0.69	92	50	29 772	24.3	607	40	52	416
19 to 20	27.5	38.6	28.5	6.1	3.2			56.8	1.68			60 576	0.69	88	51	25 123	24.1	482	38	46	375
21 to 22	18.1	50.7	31.2	6.6	3.7			57.6	1.67			54 143	0.73	90	57	26 541	26.5	487	38	53	332
23 to 24	13.0	49.1	38.0	7.2	2.9			57.6	1.67			50 859	0.91	65	55	28 756	26.6	494	38	54	272
25 to 26	8.0	57.6	34.4	7.1	2.4			58.4	1.65			53 956	0.81	91	56	30 941	28.9	520	39	50	268
27 to 28	8.8	61.4	29.8	6.9	2.1			56.8	1.68			59 245	0.76	65	26	27 436	25.9	510	28	51	104
29 to 30	10.0	61.5	28.5	6.8	2.2			55.2	1.70			54 029	0.30	82	46	28 711	27.2	479	35	33	220
32 to 33	12.2	67.8	20.0	6.2	2.1			52.8	1.74			53 049	0.77	79	36	27 954	26.9	490	31	48	201
35 to 36	13.0	54.4	32.6	6.9	2.8			48.0	1.82			51 290	0.62	71	27	26 043	23.2	466	28	34	127
38 to 39	9.8	47.9	42.3	7.6	3.0			49.6	1.79			48 531	0.49	76	33	27 663	25.2	474	31	35	147
41 to 42	11.8	51.2	37.1	7.2	3.0			51.2	1.77			55 119	0.57	71	27	27 743	24.7	477	29	38	117
44 to 45	11.8	51.8	36.4	7.1	2.8			50.4	1.78			57 030	0.44	74	27	27 438	27.5	500	28	43	118
48 to 49	17.1	42.2	40.7	7.2	3.5			48.0	1.82			52 500	0.47	84	49	29 530	26.6	487	36	32	241
50 to 51	48.2	27.9	24.0	5.5	3.0			30.0	2.10			51 618	0.67	56	10	19 517	14.8	413	18	43	46

Sediment core SF-90-22

Sediment core SF-90-23

Sediment core SF-92-28

Interval cm	Sand and gravel %	Silt %	Clay %	Phi 50	Sorting coef.	Date	Moisture %	Density g/cm ³	Org. C %	Inorg. C %	Al µg/g	Cd µg/g	Cr µg/g	Cu µg/g	Fe µg/g	Li µg/g	Mn µg/g	Ni µg/g	Pb µg/g	Zn µg/g
0 to 2	2.9	48.5	48.6	7.6	2.1	1991	76.5	1.37	5.06		0.84	72	46			37	33	264		
2 to 4	2.8	43.5	53.7	7.9	2.1	1990	68.6	1.49	3.86		0.79	66	39			35	30	224		
4 to 6	4.2	53.9	41.9	7.4	2.1	1989	67.8	1.51	4.31		0.84	74	46			37	34	273		
6 to 8	3.2	46.9	50.0	7.8	2.1	1987	67.7	1.51	4.05		0.89	73	46			40	36	280		
8 to 10	6.4	40.3	53.4	7.8	2.2	1986	63.2	1.58	3.60		1.13	71	43			38	49	252		
10 to 12	11.4	44.7	43.9	7.3	2.3	1985	62.7	1.59	3.45		0.79	69	41			37	37	224		
12 to 14	4.7	55.5	39.8	7.3	2.1	1983	56.9	1.68	3.23		0.96	70	42			35	39	228		
14 to 16	4.4	49.9	45.9	7.6	2.1	1982	56.3	1.69	3.56		0.84	69	42			37	39	228		
16 to 18	4.7	59.7	35.6	7.1	2.0	1981	59.5	1.64	3.19		0.93	71	41			36	42	234		
18 to 20	4.8	56.0	39.2	7.3	2.1	1979	56.2	1.69	3.15		1.08	71	43			38	50	246		
20 to 22	6.6	47.5	46.0	7.4	2.3	1978	54.2	1.72	3.19		1.11	71	43			39	50	260		
22 to 24	5.5	51.2	43.3	7.5	2.1	1977	54.2	1.72	2.93		0.87	74	45			40	36	252		
24 to 26	5.1	59.2	35.7	7.0	2.1	1975	51.1	1.77	3.08		1.10	67	41			34	49	240		
26 to 28	5.1	51.4	43.6	7.3	2.3	1974	51.7	1.76	3.00		1.08	72	46			35	53	264		
28 to 30	4.4	60.9	34.7	7.0	2.1	1973	51.3	1.76	3.00		1.29	78	53			41	59	293		
30 to 32	3.3	43.2	53.5	8.0	1.9	1971	53.6	1.73	4.46		1.29	84	59			41	68	323		
32 to 34	0.7	54.6	44.7	7.4	2.0	1970	58.4	1.65	3.75		1.46	86	60			44	75	338		
34 to 36	4.3	57.0	38.7	7.2	2.0	1969	57.5	1.67	3.83		1.34	86	63			39	74	353		
36 to 38	2.6	53.6	43.8	7.4	1.9	1967	60.0	1.63	3.60		1.31	84	64			43	73	359		
38 to 40	3.0	54.7	42.3	7.4	2.1	1966	58.9	1.65	3.64		1.36	87	71			43	70	389		
40 to 42	3.9	55.8	40.3	7.4	1.9	1965	58.3	1.65	3.90		1.33	91	74			42	65	425		
42 to 44	1.4	46.2	52.4	7.9	1.9	1964	59.2	1.64	3.94		1.32	91	75			42	62	434		
44 to 46	2.0	42.8	55.2	8.0	2.0	1962	60.6	1.62	3.71		1.22	92	75			46	58	473		
46 to 48	1.4	55.3	43.3	7.5	1.8	1961	60.0	1.63	3.79		1.22	89	77			45	54	521		
48 to 50	1.2	41.5	57.3	8.3	1.7	1960	60.4	1.62	3.71		1.08	87	74			45	52	485		
50 to 52	1.3	51.5	47.2	7.8	1.7	1958	58.5	1.65	3.64		1.05	84	65			44	49	404		
52 to 54	1.0	50.3	48.6	7.8	1.9	1957	58.8	1.65	4.80		0.84	72	46			37	33	264		
54 to 56	1.5	43.5	55.1	8.2	1.8	1956	55.6	1.70	2.93		0.79	66	39			35	30	224		
56 to 58	1.4	49.2	49.4	7.9	1.7	1954	52.0	1.75	3.26		0.84	74	46			37	34	273		
58 to 60	2.3	44.3	53.4	8.1	1.7	1953	50.1	1.78	1.76		0.89	73	46			40	36	280		
60 to 62	1.8	42.9	55.4	8.1	1.9	1952	49.2	1.80	1.50		1.13	71	43			38	49	252		
62 to 64	5.3	42.3	52.4	7.9	2.0	1950	49.8	1.79	1.65		0.79	69	41			37	37	224		
64 to 66	7.1	42.3	50.6	7.6	2.3	1949	52.9	1.74	2.40		0.96	70	42			35	39	228		
66 to 68	14.4	35.4	50.2	7.3	2.7	1948	52.4	1.75	3.20		0.84	69	42			37	39	228		
68 to 70	21.2	40.4	38.4	6.6	2.6	1946	48.3	1.81	3.20		0.93	71	41			36	42	234		

Sediment core SF-92-28 (cont'd. 1)

Interval cm	Cong. # 77 pg/g	Cong. # 118 pg/g	Cong. # 101 pg/g	Cong. # 105 pg/g	Cong. # 138 pg/g	Cong. # 128 pg/g	Cong. # 153 pg/g	Cong. # 183 pg/g	Cong. # 180 pg/g	Cong. # 170 pg/g	Cong. # 194 pg/g	Naphthalene µg/g	Phenanthrene µg/g	Fluoranthene µg/g	Pyrene µg/g
0 to 2	2 900	1 700	1 400	2 500	190	2 000	710	1 300	840	330	0.13	0.05	0.11	0.09	
2 to 4	1 900	1 300	1 000	2 100	740	1 700	570	1 100	670	390	0.05	0.03	0.08	0.07	
4 to 6	2 500	1 500	2 000	2 200	260	1 600	560	1 100	590	290	0.07	0.04	0.09	0.08	
6 to 8	2 200	1 400	1 000	1 900	250	1 200	530	910	550	260	0.05	0.03	0.1	0.09	
8 to 10	1 700	1 100	1 300	2 200	410	1 600	570	1 100	620	350	0.03	0.03	0.07	0.06	
10 to 12	2 100	2 000	1 400	3 000	420	1 800	660	1 500	750	450	0.03	0.03	0.08	0.07	
12 to 14	3 000	2 500	3 000	3 600	510	2 500	750	1 900	1 000	470	0.04	0.04	0.1	0.09	
14 to 16	5 300	3 500	2 600	5 100	740	3 400	930	2 700	1 400	590	0.03	0.04	0.09	0.08	
16 to 18	5 600	3 900	2 800	4 100	740	3 200	910	2 500	1 300	600	0.03	0.03	0.1	0.08	
18 to 20	4 200	2 900	2 000	3 900	590	2 500	750	2 100	1 100	510	0.03	0.03	0.08	0.07	
20 to 22	1 800	1 700	1 300	2 100	270	1 900	380	1 200	660	250	0.02	0.01	0.05	0.05	
22 to 24	1 200	1 500	870	1 600	210	1 500	270	850	570	200	0.02	0.01	0.03	0.02	
24 to 26	250	5 900	4 200	3 700	6 300	950	3 400	920	3 600	1 700	910	0.02	0.04	0.1	0.09
26 to 28	70	6 400	4 400	3 800	5 700	900	3 500	770	3 000	1 500	650	0.02	0.03	0.08	0.08
28 to 30	100	6 100	4 200	3 600	5 200	850	3 200	710	2 800	1 400	580	0.01	0.04	0.09	0.08
30 to 32	130	12 000	7 500	7 300	10 000	1 700	6 300	1 400	5 800	3 000	1 200	0.02	0.05	0.14	0.13
32 to 34	920	16 000	8 900	9 500	12 000	2 100	6 700	1 400	6 600	3 700	1 300	0.02	0.04	0.12	0.11
34 to 36	2 500	22 000	12 000	15 000	16 000	3 100	9 000	1 900	9 500	4 900	2 900	0.02	0.04	0.13	0.12
36 to 38	700	13 000	8 200	7 700	8 500	1 500	4 700	1 100	4 700	2 300	990	0.02	0.02	0.09	0.08
38 to 40	400	8 100	5 100	4 600	5 100	880	3 000	610	2 600	1 100	500	0.02	0.02	0.06	0.06
40 to 42	550	14 000	8 400	7 900	8 800	1 500	5 200	1 100	4 700	2 000	980	0.02	0.03	0.08	0.07
42 to 44	900	15 000	5 800	9 200	10 000	1 800	6 100	1 300	5 800	2 300	1 200	0.02	0.01	0.08	0.07
44 to 46	600	12 000	7 400	7 100	7 800	1 300	4 700	940	4 300	1 700	890	0.02	0.02	0.08	0.08
46 to 48	810	21 000	12 000	12 000	12 000	2 100	7 200	1 400	6 300	2 700	1 300	0.01	0.03	0.1	0.1
48 to 50	780	17 000	11 000	10 000	9 300	1 500	5 800	1 200	5 000	2 200	1 100	0.02	0.03	0.08	0.08
50 to 52	530	14 000	8 600	8 600	8 300	1 200	5 700	1 100	5 200	2 100	1 100	0.02	0.05	0.08	0.09
52 to 54	260	15 000	9 500	8 800	10 000	1 300	6 800	1 400	6 800	2 700	1 500	0.05	0.08	0.09	
54 to 56	160	5 900	4 000	3 400	5 400	600	3 600	820	3 600	1 500	770	0.13	0.05	0.11	0.09
56 to 58		1 900	1 200	950	1 900	180	1 100	310	1 100	500	250	0.05	0.03	0.08	0.07
58 to 60	70	3 400	2 100	1 700	3 500	370	1 900	500	1 800	860	420	0.07	0.04	0.09	0.08
60 to 62	5 100	2 900	2 000	4 200	520	2 100	380	1 400	690	290	0.05	0.03	0.1	0.09	
62 to 64	110	5 200	3 300	2 200	5 000	730	2 400	410	1 600	780	310	0.03	0.03	0.07	0.06
64 to 66	110	4 600	3 100	1 800	4 400	590	2 200	380	1 400	660	290	0.03	0.03	0.08	0.07
66 to 68	680	540	280	840	80	470	100	290	140	80	0.04	0.04	0.1	0.09	
68 to 70	500	430	240	700	70	430	100	310	130	80	0.03	0.04	0.09	0.08	

Sediment core SF-92-28 (cont'd. 2)

Interval cm	Benz [a] anthracene µg/g	Chrysene µg/g	Benz [b + k] fluoranthene µg/g	Benz [a] pyrene µg/g	Indeno pyrene µg/g	Dibenz [a, h] anthracene µg/g	Benz [ghi] perylene µg/g	Total PCBs pg/g	Total PAHs µg/g	Mirex pg/g	pp'-DDE pg/g	pp'-DDD pg/g	HCB pg/g
0 to 2	0.03	0.09	0.16	0.06	0.05	0.02	0.06	13 870	0.85	730	1 600	120	913
2 to 4	0.02	0.06	0.1	0.05	0.04	0.01	0.04	11 470	0.55	560	1 300	390	420
4 to 6	0.02	0.08	0.13	0.06	0.04	0.02	0.05	12 600	0.68	660	1 400	750	450
6 to 8	0.03	0.08	0.16	0.09	0.07	0.03	0.07	10 200	0.8	610	1 300	750	380
8 to 10	0.02	0.05	0.1	0.04	0.03	0.01	0.04	10 950	0.48	580	1 400	120	370
10 to 12	0.01	0.05	0.11	0.05	0.04	0.01	0.04	14 080	0.52	580	1 400	1 000	340
12 to 14	0.03	0.07	0.13	0.06	0.04	0.02	0.05	19 230	0.67	670	2 200	1 200	1 600
14 to 16	0.03	0.09	0.13	0.06	0.04	0.02	0.05	26 260	0.66	710	2 600	890	800
16 to 18	0.02	0.07	0.13	0.05	0.05	0.01	0.05	25 650	0.59	800	2 700	1 600	640
18 to 20	0.02	0.06	0.12	0.05	0.04	0.02	0.05	20 550	0.57	680	2 300	1 500	830
20 to 22	0.01	0.04	0.07	0.03	0.02		0.03	11 560	0.33	360	1 900	650	490
22 to 24		0.02	0.04	0.02	0.01		0.02	8 770	0.19	250	2 600	460	420
24 to 26	0.04	0.07	0.15	0.06	0.05	0.02	0.05	31 830	0.69	780	4 600	1 400	1 800
26 to 28	0.03	0.07	0.13	0.05	0.04	0.02	0.04	30 690	0.59	590	4 400	1 800	2 400
28 to 30	0.03	0.06	0.14	0.05	0.04	0.02	0.04	28 740	0.6	510	3 500	2 300	1 600
30 to 32	0.06	0.1	0.23	0.09	0.07	0.02	0.08	56 330	0.99	1 000	8 500	4 000	6 500
32 to 34	0.05	0.9	0.21	0.08	0.07	0.03	0.07	69 120	1.7	940	7 900	3 400	4 200
34 to 36	0.06	0.11	0.23	0.08	0.07	0.02	0.08	98 800	0.96	1 300	11 000	6 100	2 800
36 to 38	0.03	0.07	0.13	0.05	0.04	0.01	0.05	53 390	0.59	510	4 600	2 800	2 200
38 to 40	0.01	0.06	0.08	0.04	0.03	0.01	0.03	31 990	0.42	300	2 900	1 800	1 600
40 to 42	0.03	0.08	0.13	0.05	0.04	0.01	0.05	55 130	0.59	570	5 100	3 000	2 700
42 to 44	0.02	0.07	0.15	0.05	0.04	0.02	0.05	59 400	0.58	750	6 900	3 200	6 400
44 to 46	0.03	0.06	0.12	0.05	0.03	0.01	0.04	48 730	0.52	550	4 700	2 500	4 200
46 to 48	0.02	0.09	0.16	0.07	0.04	0.02	0.05	78 810	0.69	660	8 900	4 200	5 700
48 to 50	0.02	0.07	0.16	0.05	0.04	0.02	0.04	64 880	0.61	60	6 600	4 300	3 500
50 to 52	0.02	0.09	0.24	0.07	0.07	0.02	0.06	56 430	0.81	60	6 700	4 200	3 700
52 to 54	0.02	0.09	0.27	0.08	0.08	0.02	0.07	64 060	0.85	60	6 500	5 400	3 400
54 to 56	0.03	0.09	0.16	0.06	0.05	0.02	0.06	29 750	0.51	60	3 700	3 700	2 400
56 to 58	0.02	0.06	0.1	0.05	0.04	0.01	0.04	9 390	0.14	60	1 200	1 800	710
58 to 60	0.02	0.08	0.13	0.06	0.04	0.02	0.05	16 620	0.21	60	1 600	1 700	950
60 to 62	0.03	0.08	0.16	0.09	0.07	0.03	0.07	19 580	0.22	60	1 300	1 700	730
62 to 64	0.02	0.05	0.1	0.04	0.03	0.01	0.04	22 040	0.56	60	2 100	2 000	1 300
64 to 66	0.01	0.05	0.11	0.05	0.04	0.01	0.04	19 530	1.68	60	3 700	3 500	1 700
66 to 68	0.03	0.07	0.13	0.06	0.04	0.02	0.05	3 500	0.84	60	2 200	1 700	550
68 to 70	0.03	0.09	0.13	0.06	0.04	0.02	0.05	2 990	0.85	60	2 500	1 400	570

Sediment core SF-94-12

Interval cm	Sand and gravel %	Silt %	Clay %	Phi 50	Sorting coef.	Date	Moisture %	Density g/cm ³	Org. C %	Inorg. C %
0 to 5	9.5	64.1	26.4	6.4	2.3		67.2	1.51		
5 to 10	7.5	68.3	24.2	6.2	2.2		60.7	1.62		
10 to 15	5.0	65.8	29.3	6.4	2.5		56.6	1.68		
15 to 20							58.5	1.65		
20 to 25	1.9	60.8	37.3	7.2	2.2		69.9	1.47		
25 to 30	1.0	41.0	58.0	8.7	2.9		62.9	1.58		
30 to 35	1.3	57.4	41.3	7.5	2.2		59.7	1.63		
35 to 40	0.8	48.0	51.2	8.1	2.9		52.3	1.75		
40 to 44	4.7	44.6	50.7	8.1	2.9		53.6	1.73		

Sediment core SF-94-13

Interval cm	Sand and gravel %	Silt %	Clay %	Phi 50	Sorting coef.	Date	Moisture %	Density g/cm ³	Org. C %	Inorg. C %
0 to 5	36.3	20.4	43.3	6.7		1991	56.5	1.68		
5 to 10	42.5	34.6	22.9	4.5	3.0	1984	40.9	1.93		
10 to 15	14.5	61.8	23.7	5.7	2.5	1977	49.3	1.80		
15 to 20	2.7	52.0	45.3	7.7	2.6	1970	56.7	1.68		
20 to 25	3.3	52.0	44.7	7.7	2.7	1964	50.7	1.77		
25 to 30	5.5	55.1	39.4	7.4	2.3	1957	46.1	1.85		
30 to 35	8.9	49.9	41.2	7.4	2.9	1950	45.7	1.85		
35 to 40	30.3	44.1	25.6	4.9	3.1	1943	39.7	1.95		
40 to 45	11.2	51.5	37.3	6.5	3.4	1937	44.1	1.88		
45 to 50	22.5	42.3	35.3	6.0	3.6	1930	46.4	1.84		
50 to 55	20.7	47.5	31.8	5.8	3.3	1923	44.8	1.87		
55 to 60	22.5	53.8	23.7	5.2	2.7	1916	47.6	1.82		
60 to 65						1910	54.3	1.72		
65 to 70	35.1	36.6	28.3	5.1	3.5	1903	50.3	1.78		
70 and more	36.5	38.7	24.9	4.8	3.2	1896	50.9	1.77		

Sediment core SF-94-14

Interval cm	Sand and gravel %	Silt %	Clay %	Phi 50	Sorting coef.	Date	Moisture %	Density g/cm ³	Org. C %	Inorg. C %
0 to 5	18.8	39.1	42.0	7.4	3.3		68.3	1.50		
5 to 10	27.0	38.7	34.3	6.1	2.9		58.3	1.65		
10 to 15	23.0	46.6	30.4	5.5	3.2		39.0	1.96		
15 to 20	6.5	59.8	33.6	7.0	2.2		56.1	1.69		
20 to 25	2.4	53.5	44.1	7.7	2.3		58.5	1.65		
25 to 30	3.3	50.7	46.0	7.7	2.3		53.3	1.73		
30 to 35	4.4	49.9	45.7	7.8	2.5		46.6	1.84		
35 to 40	22.3	33.4	44.3	7.7	3.9		39.1	1.96		

Sediment core SF-94-15

Interval cm	Sand and gravel %	Silt %	Clay %	Phi 50	Sorting coef.	Date	Moisture %	Density g/cm³	Org. C %	Inorg. C %
0 to 5	11.6	62.7	25.8	6.3	1.9		69.5	1.48		
5 to 10	7.2	45.1	47.7	7.8	2.9		69.6	1.48		
10 to 15	5.4	46.0	48.6	7.9	2.6		61.7	1.60		
15 to 20	15.6	40.1	44.3	7.5	3.4		64.9	1.55		
20 to 25	16.9	55.6	27.5	5.7	2.6		50.7	1.77		
25 to 30	11.7	60.2	28.1	6.4	2.4		51.0	1.77		
30 to 35	11.1	59.5	29.4	6.1	2.4		48.2	1.81		
35 to 40	9.6	53.8	36.6	6.4	3.3		48.8	1.80		
40 to 45	0.7	54.9	44.3	7.6	2.4		56.7	1.68		
45 to 50	1.1	43.3	55.6	8.5	2.2		58.3	1.65		
50 to 55	1.7	50.9	47.4	7.8	2.3		53.3	1.73		
55 to 60	0.6	48.9	50.5	8.0	2.5		51.1	1.77		

Sediment core SF-94-17

Interval cm	Sand and gravel %	Silt %	Clay %	Phi 50	Sorting coef.	Date	Moisture %	Density g/cm³	Org. C %	Inorg. C %
0 to 5	6.7	59.6	33.7	6.8	2.3		75.3	1.39		
5 to 10	9.8	53.1	37.1	7.1	2.4		70.8	1.46		
10 to 15	5.9	51.1	43.0	7.4	2.9		62.7	1.59		
15 to 20	3.6	44.3	52.1	8.2	3.2		66.8	1.52		
20 to 25	3.2	57.2	39.6	7.4	2.2		61.5	1.60		
25 to 30	0.7	48.3	51.0	8.1	2.7		53.9	1.72		
30 to 35	13.9	44.6	41.5	7.4	3.0		49.5	1.79		
35 to 40	15.7	34.5	49.7	8.0	2.7		43.6	1.89		
40 to 45	28.4	35.6	36.1	6.1	3.7		37.9	1.97		
45 to 50	3.2	7.5	89.3	11.4	2.2		48.0	1.82		
50 to 55	3.8	3.7	92.5	11.5			46.8	1.84		

Sediment core SF-94-20

Interval cm	Sand and gravel %	Silt %	Clay %	Phi 50	Sorting coef.	Date	Moisture %	Density g/cm³	Org. C %	Inorg. C %
0 to 5	38.6	30.2	31.3	5.8	3.8		51.5	1.76		
5 to 10	8.1	45.6	46.4	7.8	2.6		49.4	1.79		
10 to 15	18.4	35.4	46.2	7.7	4.9		51.5	1.76		
15 to 20	12.5	37.9	49.6	8.0			53.5	1.73		
20 to 25	13.4	41.3	45.3	7.6	3.4		53.9	1.72		
25 to 30	10.6	44.0	45.4	7.4			49.1	1.80		
30 to 35	7.9	51.4	40.7	7.0	3.0		47.8	1.82		
35 to 40	13.0	43.0	44.0	7.3			44.1	1.88		
40 to 45	20.7	51.4	27.9	6.0	2.9		37.1	1.99		
45 to 50	40.5	33.0	26.5	4.8			29.1	2.11		

Sediment core SF-94-21

Interval cm	Sand and gravel %	Silt %	Clay %	Phi 50	Sorting coef.	Date	Moisture %	Density g/cm³	Org. C %	Inorg. C %
0 to 5	24.0	40.0	36.0	6.7	3.0		78.1	1.34		
5 to 10	20.6	33.9	45.5	7.6	3.9		78.8	1.33		
10 to 15	32.6	40.5	26.9	5.0	3.3		63.0	1.58		
15 to 20	29.1	38.0	32.9	5.3	4.0		55.1	1.70		
20 to 25	21.1	48.9	31.1	5.8	3.1		54.3	1.72		
25 to 30	13.7	40.2	56.2	7.6	3.3		54.6	1.71		
30 to 35	15.7	43.1	41.3	7.4	3.2		46.2	1.84		
35 to 40	11.8	42.9	45.4	7.7	3.4		48.1	1.81		
40 to 45	17.5	32.2	50.4	8.0	4.0		52.9	1.74		
45 to 50	29.9	33.6	36.5	6.0	3.6		48.5	1.81		
50 to 55	18.6	42.1	39.4	6.8	3.3		56.3	1.69		
55 to 60	13.1	32.0	55.0	8.5	3.5		58.5	1.65		
60 to 65	15.7	46.1	38.2	6.9	3.1		54.1	1.72		

Sediment core SF-94-24

Interval cm	Sand and gravel %	Silt %	Clay %	Phi 50	Sorting coef.	Date	Moisture %	Density g/cm³	Org. C %	Inorg. C %
0 to 5	16.0	59.2	24.9	6.2	2.6		57.3	1.67		
5 to 10	3.9	58.1	38.0	7.3	2.3		64.4	1.56		
10 to 15	1.4	60.4	38.3	7.4	2.1		54.5	1.71		
15 to 20	0.9	61.0	38.1	7.4	2.0		44.8	1.87		
20 to 25	2.5	58.8	38.7	7.3	2.4		49.5	1.79		
25 to 30	8.7	48.2	43.1	7.5	2.9		59.9	1.63		
30 to 35	2.9	50.6	46.5	7.8	2.4		59.8	1.63		
35 to 40	3.1	49.0	48.0	7.9	2.4		63.5	1.57		
40 to 45	3.2	47.8	49.0	7.9	2.7		61.8	1.60		
45 to 50	7.3	51.9	40.8	7.1	2.9		48.6	1.81		
50 to 55	18.6	53.8	27.6	5.8	3.0		36.0	2.00		
55 to 60	44.8	36.7	18.5	4.3	2.7		25.5	2.17		
60 to 65	55.2	17.3	27.5	3.9	3.6		23.1	2.21		

Sediment core SF-94-25

Interval cm	Sand and gravel %	Silt %	Clay %	Phi 50	Sorting coef.	Date	Moisture %	Density g/cm³	Org. C %	Inorg. C %
0 to 5	10.7	58.9	30.4	6.9	2.2		53.3	1.73		
5 to 10	0.8	60.2	39.0	7.4	2.2		42.0	1.91		
10 to 15	2.6	53.2	44.3	7.6	3.0		48.8	1.80		
15 to 20	20.2	49.9	29.9	6.3	3.0		51.2	1.77		
20 to 25	10.2	51.6	38.2	7.0	2.8		55.3	1.70		
25 to 30	4.7	51.9	43.5	7.6	2.5		59.5	1.64		
30 to 35	9.9	48.6	41.5	7.4	2.8		54.7	1.71		
35 to 40	7.1	43.2	49.7	8.0	2.8		54.2	1.72		
40 to 45	10.1	50.1	39.9	7.1	2.9		48.8	1.80		
45 to 50	7.5	46.1	46.4	7.7	3.2		49.3	1.80		
50 to 55	7.9	61.4	30.6	6.6	2.3		44.8	1.87		
55 to 60	8.7	53.8	37.6	6.6	3.1		45.5	1.86		
60 to 65	25.5	45.0	29.5	6.8	3.3		34.8	2.02		

Sediment core SF-94-28

Interval cm	Sand and gravel %	Silt %	Clay %	Phi 50	Sorting coef.	Date	Moisture %	Density g/cm³	Org. C %	Inorg. C %
0 to 5	14.8	52.9	32.2	6.7	2.6		75.6	1.38		
5 to 10	14.4	47.9	37.7	7.2	2.8		73.0	1.42		
10 to 15	21.4	52.7	26.0	6.2	2.5		66.6	1.52		
15 to 20	6.4	50.2	43.5	7.5	2.5		68.6	1.49		
20 to 25	3.5	60.4	36.1	7.2	2.0		66.9	1.52		
25 to 30	1.5	55.3	43.2	7.7	2.1		70.4	1.46		
30 to 35	4.2	61.6	34.3	7.2	2.1		62.8	1.58		
35 to 40	1.4	62.9	35.8	7.1	2.1		62.6	1.59		
40 to 45	2.1	56.3	41.7	7.6	2.2		64.9	1.55		
45 to 50	1.5	54.9	43.6	7.7	2.1		61.1	1.61		
50 to 55	2.9	54.1	43.1	7.6	2.5		66.8	1.52		
55 to 60	3.5	64.9	31.6	6.9	2.2		53.4	1.73		
60 to 65	23.7	43.0	33.3	6.7	3.3		42.9	1.90		
65 to 70	43.5	30.3	26.2	4.9	3.3		29.7	2.10		
70 to 75	30.6	17.4	52.0	8.3			32.2	2.06		

Sediment core SF-96-SFN

Interval cm	Sand and gravel %	Silt %	Clay %	Phi 50	Sorting coef.	Date	Moisture %	Density g/cm³	Org. C %	Inorg. C %	Cu µg/g	Fe µg/g	Hg µg/g	Li µg/g	Mn µg/g	Pb µg/g	Zn µg/g
0 to 2	4.1	36.3	59.6	7.8	2.5	1995	78.0	1.35	2.75	2.592	52	29 300	2.920	23	445	47	286
2 to 4	2.8	23.8	73.5	8.7	2.1	1992	74.8	1.40	3.06	2.649	50	29 200	2.910	20	434	47	267
4 to 6	3.2	41.8	55.0	7.9	2.3	1990	70.2	1.47	2.56	2.576	52	30 300	0.510	23	452	57	269
6 to 8	4.1	28.3	67.6	8.4	2.2	1988	70.1	1.47	2.65	2.655	51	29 500	0.506	21	419	56	272
8 to 10	3.3	39.0	57.7	8.0	2.3	1985	67.8	1.51	2.69	2.477	49	29 100	0.501	21	434	58	251
10 to 12	5.7	27.3	67.0	8.3	2.3	1983	64.3	1.56	2.04	2.287	46	28 000	0.522	19	463	57	267
12 to 14	7.8	42.2	50.1	7.3	2.5	1981	62.9	1.58	2.01	2.805	48	27 800	0.616	18	458	58	269
14 to 16	7.9	26.2	65.9	8.1	2.4	1978	58.2	1.66	2.11	2.491	54	28 500	1.270	18	435	69	270
16 to 18	8.0	42.7	49.3	7.4	2.5	1976	60.6	1.62	1.40	2.55	63	27 700	2.360	18	443	79	314
18 to 20	4.8	29.6	65.7	8.3	2.3	1973	60.2	1.63	1.87	2.379	77	28 500	3.350	19	448	71	409
20 to 22	3.7	46.5	49.8	7.6	2.3	1971	61.1	1.61	2.05	2.409							
22 to 24	4.0	28.8	67.2	8.4	2.2	1969	61.4	1.61	2.18	2.517							
24 to 26	3.0	46.1	50.9	7.7	2.3	1966	61.0	1.61	1.96	2.949	82	29 900	2.920	19	455	62	469
26 to 28	1.4	37.0	61.7	8.3	2.0	1964	55.1	1.70	1.55	3.245	69	29 700	2.560	19	486	59	382
28 to 30	0.9	54.0	45.1	7.6	2.1	1961	52.7	1.74	1.49	4.032	63	29 100	2.390	18	507	55	353
30 to 32	0.6	56.7	42.8	7.6	2.0	1959	47.3	1.83	0.83	3.435	51	28 600	1.800	16	530	46	284
32 to 34	0.4	50.0	49.6	7.9	1.8	1957	45.0	1.86	0.60	3.923	41	26 400	1.210	14	561	37	249
34 to 36	0.6	58.0	41.4	7.5	1.9	1954	41.6	1.92	0.69	4.05	33	26 400	0.618	14	600	30	226
36 to 38	0.5	48.5	51.1	8.0	1.9	1952	42.0	1.91	0.99	3.755	34	26 700	0.503	14	573	28	207
38 to 40	2.1	51.5	46.4	7.6	2.1	1950	46.5	1.84	1.74	3.01	40	26 200	0.742	16	547	35	273
40 to 42	7.4	30.4	62.3	8.1	2.4	1947	54.3	1.72	2.37	2.776	51	26 000	1.020	16	489	40	309
42 to 44	11.4	41.5	47.1	7.3	2.6	1945	60.7	1.62	2.32	1.89	65	29 000	1.200	19	469	64	343
44 to 46	2.7	23.8	73.5	8.6	2.1	1942	60.5	1.62	2.49	2.461	73	28 900	1.100	21	436	67	320
46 to 48	5.3	39.1	55.6	7.7	2.5	1940	61.4	1.61	2.67	2.426	79	30 200	0.934	23	458	70	335
48 to 50	3.2	28.2	68.6	8.5	2.2	1938	61.9	1.60	2.25	2.021	75	28 100	0.886	17	371	64	315
50 to 52	2.0	40.3	57.7	8.1	2.3	1935	61.4	1.61	2.52	2.022	74	30 200	0.717	23	450	65	325
52 to 54	2.2	41.9	55.9	8.0	2.3	1933	62.8	1.58	2.60	1.711	74	30 300	0.611	24	441	63	277
54 to 56	1.0	28.3	70.7	8.7	2.0	1931	64.4	1.56	2.66	1.611	73	31 900	0.806	23	460	62	287
56 to 58	5.8	42.3	51.9	7.5	2.5	1928	66.1	1.53	2.15	2.2	73	34 000	0.563	25	475	66	324
58 to 60	6.4	27.0	66.6	8.2	2.4	1926	66.6	1.52	2.98	2.039	60	32 600	0.334	24	475	58	287
60 to 62	3.4	28.7	67.9	8.5	2.2	1923	63.8	1.57	2.96	1.807	55	31 300	0.291	22	466	53	256
62 to 64	5.1	35.4	59.5	8.1	2.3	1921	60.7	1.62	1.92	1.736	50	31000	0.255	22	492	52	278
64 to 66	5.4	47.1	47.5	7.4	2.5	1919	58.0	1.66	1.50	2.165	44	31 100	0.266	21	465	48	250
66 to 68	11.5	38.5	50.0	7.3	2.6	1916	58.4	1.65	1.10	1.689	37	30 300	0.211	21	465	42	193
68 to 70	24.6	53.1	22.3	5.7	2.4	1914	53.9	1.72	1.60	1.882	26	25 300	0.159	16	456	30	125
70 to 72	16.8	41.9	41.4	6.6	2.6	1911	42.4	1.90	0.9	1.976	19	22 200	0.124	12	418	23	85

Sediment core SF-96-SFN (cont'd. 1)

Interval cm	Cong. # 17 pg/g	Cong. # 18 pg/g	Cong. # 28 pg/g	Cong. # 31 pg/g	Cong. # 33* pg/g	Cong. # 44* pg/g	Cong. # 49* pg/g	Cong. # 52 pg/g	Cong. # 70* pg/g	Cong. # 74 pg/g	Cong. # 82 pg/g	Cong. # 87 pg/g	Cong. # 95 pg/g	Cong. # 99 pg/g	Cong. # 101 pg/g	Cong. # 105 pg/g	Cong. # 110 pg/g	Cong. # 118 pg/g	Cong. # 128 pg/g	Cong. # 132 pg/g
0 to 2	660	510	3 300	2 500	890	1 600	1 900	2 600	3 900	2 000	500	2 000	2 500	1 800	3 900	2 000	4 900	3 700	820	930
4 to 6	800	760	3 100	2 500	860	1 600	1 900	2 300	3 800	2 000	410	1 400	1 900	1 700	3 100	1 800	3 800	3 400	870	910
8 to 10	970	1 100	3 800	3 000	1 100	2 000	2 200	2 800	6 400	3 100	590	2 100	2 900	2 600	4 800	2 800	5 900	5 000	1 200	1 200
12 to 14	7 200	3 700	11 000	8 600	3 100	4 700	6 700	8 000	10 000	5 100	870	3 300	5 900	4 100	8 100	2 800	9 700	7 000	1 200	1 600
16 to 18	4 000	8 200	26 000	19 000	10 000	17 000	17 000	21 000	38 000	18 000	3 300	9 900	13 000	10 000	20 000	8 800	23 000	18 000	2 700	3 700
24 to 26	5 300	12 000	35 000	23 000	11 000	24 000	24 000	30 000	53 000	21 000	4 300	13 000	18 000	14 000	27 000	12 000	33 000	23 000	3 100	4 500
28 to 30	3 900	8 600	25 000	18 000	8 900	21 000	18 000	23 000	43 000	20 000	3 300	9 600	14 000	12 000	22 000	8 900	25 000	21 000	3 000	4 300
32 to 34	1 400	3 600	8 700	7 200	3 300	7 000	6 500	9 300	14 000	6 300	1 400	4 000	6 000	4 700	10 000	4 000	11 000	9 200	1 700	2 400

Sediment core SF-96-SFN (cont'd. 2)

Interval cm	Cong. # 138 pg/g	Cong. # 149 pg/g	Cong. # 151 pg/g	Cong. # 153 pg/g	Cong. # 156 pg/g	Cong. # 158* pg/g	Cong. # 170* pg/g	Cong. # 171 pg/g	Cong. # 177 pg/g	Cong. # 180 pg/g	Cong. # 183 pg/g	Cong. # 187* pg/g	Cong. # 191* pg/g	Cong. # 194 pg/g	Cong. # 195 pg/g	Cong. # 199 pg/g	Cong. # 205 pg/g	Cong. # 206 pg/g	Cong. # 208 pg/g	Cong. # 209 pg/g
0 to 2	3 900	2 100	520	2 400	320	280	820	180	530	1 600	250	700	23	440	180	510	23	370	130	420
4 to 6	4 300	2 500	680	2 700	310	270	1 200	250	690	2 000	470	1 300	570	230	840	28	460	160	440	
8 to 10	5 500	2 500	720	3 500	400	330	1 400	300	790	2 500	490	1 500	38	660	280	880	36	500	200	520
12 to 14	5 600	4 000	1 300	4 500	620	350	1 800	490	1 300	3 800	810	2 500	49	1 200	460	1 400	67	700	250	740
16 to 18	13 000	7 800	2 000	7 600	1 400	1 000	4 100	910	2 200	5 900	1 400	3 200	130	1 400	620	2 200	84	1 000	350	1 100
24 to 26	15 000	9 700	2 500	9 200	1 400	1 100	4 300	960	2 300	7 000	1 700	4 400	150	1 800	780	2 700	100	1 100	390	1 100
28 to 30	15 000	8 900	2 700	9 800	1 400	1 100	4 600	950	2 100	7 900	2 000	4 800	140	2 200	870	3 000	120	1 200	440	1 000
32 to 34	8 600	5 700	1 700	6 300	750	600	2 600	570	1 400	4 800	1 100	3 000	78	1 300	490	1 600	60	820	260	820

Sediment core SF-96-SFC

Interval cm	Sand and gravel %	Silt %	Clay %	Cu µg/g	Fe µg/g	Hg µg/g	Li µg/g	Mn µg/g	Pb µg/g	Zn µg/g	
0 to 2		8.4	45.9	45.7	48	26 100	0.314	17	534	29	157
2 to 4		10.5	50.3	39.2	46	26 800	0.282	16	467	30	165
4 to 6		22.4	39.4	38.2	39	20 210	0.219	13	345	25	143
6 to 8		24.8	29.1	46.0	37	22 997	0.203	16	382	32	156
8 to 10		12.6	30.2	57.3	44	25 784	0.251	19	391	40	191
10 to 12		10.0	40.4	49.6	37	22 300	0.220	15	379	38	166
12 to 14		9.8	38.8	51.4	25	19 114	0.167	10	359	31	113
14 to 16		21.5	28.8	49.7	40	22 598	0.297	15	387	49	172
16 to 18		20.2	37.6	42.3	49	25 187	0.563	17	429	66	218
18 to 20		17.9	33.4	48.7	58	26 680	0.764	19	478	81	253
20 to 22		8.2	43.6	48.2	60	26 282	0.895	17	456	84	260
22 to 24		3.7	34.2	62.1	56	22 499	0.871	15	439	62	225
24 to 26		2.6	44.7	52.7							
26 to 28		1.2	44.1	54.7							
28 to 30		1.8	49.8	48.4							
30 to 32		7.2	48.1	44.7							
32 to 34		28.3	42.1	29.7							
34 to 36		41.8	29.1	29.1							
36 to 38		51.0	26.4	22.6							
38 to 40		56.4	14.1	29.5							
40 to 42		25.1	15.7	59.3							
42 to 44		3.0	14.8	82.2							
44 to 46		2.2	16.1	81.7							

Sediment core SF-96-179

Interval cm	Sand and gravel %	Silt %	Clay %	Date
2 to 3	28.2	44.4	27.4	1995
3 to 4	22.3	53.8	23.9	1994
4 to 5	13.4	56.5	30.1	1993
5 to 6	16.4	58.5	25.1	1992
6 to 7	13.4	56.4	30.2	1991
6 to 8	13.5	55.4	31.1	1990
8 to 9	11.8	55.9	32.2	1989
9 to 10	11.1	55.4	33.5	1988
10 to 12	27.3	47.2	25.5	1987
12 to 14	27.4	47.4	25.2	1985
14 to 16	24.1	50.6	25.4	1983
16 to 18	16.4	53.7	29.9	1981
18 to 20	21.6	51.4	27.1	1979
20 to 22	17.3	54.2	28.5	1977
22 to 24	20.6	53.3	26.1	1975
24 to 26	26.2	48.5	25.4	1973
26 to 28	17.0	54.9	28.0	1971
28 to 30	11.5	57.1	31.4	1969
30 to 32	11.1	59.3	29.6	1968
32 to 34	5.5	62.7	31.8	1966
34 to 36	3.6	65.4	31.0	1964
36 to 38	7.0	63.8	29.1	1962
38 to 40	3.3	68.3	28.4	1960

Source: Rukavina, 2000.

Sediment core SF-96-TCTI

Interval cm	Sand and gravel %	Silt %	Clay %	Date	Cu µg/g	Fe µg/g	Hg µg/g	Li µg/g	Mn µg/g	Pb µg/g	Zn µg/g
0 to 2	12.2	38.6	49.2	1995	48	31 500		21	624	41	212
2 to 4	27.2	23.8	49.0	1992	37	26 000		15	459	41	234
4 to 6	12.6	43.5	44.0	1990	45	28 200	1.200	26	444	56	371
6 to 8	14.0	30.0	56.0	1987	49	28 900	1.210	21	443	54	372
8 to 10	16.7	43.3	40.0	1985	42	26 800	1.310	17	443	46	259
10 to 12	18.2	31.6	50.2	1982	48	26 700	1.190	17	429	57	429
12 to 14	16.4	44.4	39.2	1980	52	27 800	1.780	20	425	60	330
14 to 16	16.6	44.3	39.1	1977	51	27 300	2.390	18	436	67	333
16 to 18	14.6	32.0	53.4	1975	48	25 000	2.580	17	440	65	338
18 to 20	17.5	42.1	40.4	1972	46	24 200	2.730	15	439	59	304
20 to 22	29.2	23.4	47.4	1970	48	23 200	3.960	15	415	59	300
22 to 24	23.9	45.5	30.7	1967							
24 to 26	31.0	35.6	33.4	1965	60	25 700	4.050	18	418	69	357
26 to 28	18.4	31.0	50.6	1962	79	28 900	3.550	23	423	94	455
28 to 30	3.4	44.2	52.5	1960	78	27 400	9.430	20	410	93	517
30 to 32	9.7	23.6	66.6	1957	85	27 400	15.300	20	403	94	544
32 to 34	5.0	43.4	51.6	1955	94	24 200	28.500	18	363	109	787
34 to 36	5.5	42.9	51.6	1952	97	28 100	14.000	21	400	84	670
36 to 38	10.2	34.3	55.5	1950	83	23 800	20.800	17	378	81	735
38 to 40	8.9	42.1	49.0	1947	84	23 100	26.400	19	356	98	929
40 to 42	2.5	36.3	61.2	1944	113	26 500	22.800	22	380	97	844
42 to 44	3.7	43.1	53.2	1942	85	25 600	22.300	21	388	103	639
44 to 46	5.1	29.2	65.7	1939	64	24 900	23.200	18	420	76	469
46 to 48	3.1	36.6	60.4	1937	43	23 800	9.870	14	470	44	251
48 to 50	2.1	38.2	59.8	1934	39	23 500	3.390	12	461	40	209
50 to 52	2.9	35.5	61.6	1932	42	23 700	9.41	12	469	44	211
52 to 54	3.7	46.9	49.4	1929							
54 to 56	5.8	42.0	52.3	1927							
56 to 58	10.4	57.6	30.2	1924							
58 to 60	9.0	59.8	31.2	1922							
60 to 62	7.6	61.8	30.6	1919							
62 to 64	8.5	51.1	40.5	1917							
64 to 66	13.9	59.9	26.2	1914							
66 to 68	10.9	62.7	26.5	1912							

Sediment core SF-96-TCTI (cont'd. 1)

Interval cm	Cong. # 17 pg/g	Cong. # 18 pg/g	Cong. # 28 pg/g	Cong. # 31 pg/g	Cong. # 33 ^a pg/g	Cong. # 44 ^a pg/g	Cong. # 49 ^a pg/g	Cong. # 52 pg/g	Cong. # 70 ^a pg/g	Cong. # 74 pg/g	Cong. # 82 pg/g	Cong. # 87 pg/g	Cong. # 95 pg/g	Cong. # 99 pg/g	Cong. # 101 pg/g	Cong. # 105 pg/g	Cong. # 110 pg/g	Cong. # 118 pg/g	Cong. # 128 pg/g	Cong. # 132 pg/g
0 to 2	150	520	1 800	1 200	560	1 200	980	1 900	3 300	1 300	360	1 500	2 400	1 600	3 700	1 500	4 200	3 600	940	980
4 to 6	130	350	1 800	1 300	530	1 100	970	1 600	2 900	1 300	350	1 500	1 800	1 400	3 100	1 600	3 700	3 800	1 300	1 100
8 to 10	160	420	2 300	1 100	550	960	1 000	1 400	3 600	1 300	320	1 400	1 900	1 600	3 400	1 600	3 800	3 700	810	1 100
12 to 14	290	770	2 900	2 400	940	1 700	1 700	2 500	5 000	2 100	490	1 900	2 700	2 300	4 900	1 900	5 200	5 100	1 200	1 400
16 to 18	530	1 300	4 900	2 900	1 500	3 400	3 200	4 700	10 000	3 600	730	3 000	4 900	4 000	8 400	2 200	8 300	7 200	1 500	2 100
20 to 22	2 800	6 700	16 000	11 000	5 500	13 000	12 000	17 000	23 000	8 100	1 800	6 600	14 000	10 000	22 000	4 100	21 000	16 000	3 300	5 800
24 to 26	2 900	6 400	19 000	14 000	5 700	12 000	13 000	17 000	27 000	11 000	1 800	6 700	14 000	11 000	22 000	5 000	22 000	16 000	2 900	4 700
28 to 30	3 500	7 700	21 000	12 000	6 900	16 000	15 000	19 000	28 000	10 000	1 700	5 800	14 000	11 000	21 000	4 700	21 000	17 000	3 000	5 300

Sediment core SF-96-TCTI (cont'd. 2)

Interval cm	Cong. # 138 pg/g	Cong. # 149 pg/g	Cong. # 151 pg/g	Cong. # 153 pg/g	Cong. # 156 pg/g	Cong. # 158* pg/g	Cong. # 170* pg/g	Cong. # 171 pg/g	Cong. # 177 pg/g	Cong. # 180 pg/g	Cong. # 183 pg/g	Cong. # 187* pg/g	Cong. # 191* pg/g	Cong. # 194 pg/g	Cong. # 195 pg/g	Cong. # 199 pg/g	Cong. # 205 pg/g	Cong. # 206 pg/g	Cong. # 208 pg/g	Cong. # 209 pg/g
0 to 2	4 300	2 200	520	2 500	340	370	890	170	390	1 400	270	770	23	360	150	500	17	290	98	210
4 to 6	5 000	2 100	510	2 800	540	400	1 100	200	420	1 600	350	830	27	390	150	520	22	350	110	320
8 to 10	4 200	2 200	620	2 900	390	290	890	230	510	1 900	240	700	32	480	190	580	10	500	240	1 500
12 to 14	5 900	3 200	850	4 000	520	380	1 400	290	680	2 300	490	1 300	39	620	240	830	33	500	170	520
16 to 18	7 400	4 400	1 300	5 200	620	500	1 600	370	900	3 300	650	1 700	980	410	1 300	39	530	240	610	
20 to 22	17 000	13 000	4 300	11 000	1 200	1 100	3 200	780	2 200	6 400	1 600	5 500	100	1 800	820	2 400	90	850	330	730
24 to 26	15 000	10 000	2 700	10 000	1 400	1 100	3 600	770	2 000	5 900	1 100	3 200	100	1 500	590	1 800	73	1 100	360	880
28 to 30	17 000	12 000	2 900	11 000	1 400	1 100	3 900	900	2 200	6 400	1 500	3 700	120	1 600	650	2 100	91	1 000	350	850

Sediment core SF-96-Pilon

Interval cm	Sand and gravel %	Silt %	Clay %	Date	Cu µg/g	Fe µg/g	Hg µg/g	Li µg/g	Mn µg/g	Pb µg/g	Zn µg/g
0 to 2	24.1	38.0	38.0	1994	34	24 800	0.300	14	475	29	129
2 to 4	29.1	26.1	44.8	1989	26	23 900	0.292	14	439	25	131
4 to 6	36.5	24.7	38.8	1984	18	20 200	0.393	10	410	22	89
6 to 8	48.4	19.2	32.4	1979	23	22 100	0.419	11	414	29	112
8 to 10	37.7	25.9	36.4	1974	42	22 300	0.511	11	276	29	177
10 to 12	26.9	28.6	44.5	1969	43	27 400	0.553	17	417	52	187
12 to 14	21.0	32.4	46.7	1964	19	18 100	0.491	10	358	25	95
14 to 16	37.1	24.5	38.4	1959	14	16 700	0.322	7	350	19	70
16 to 18	97.3	1.4	1.4	1954	14	16 700	1.070	7	402	70	126
18 to 20	94.2	2.9	2.9	1949	17	16 900	1.010	7	367	20	94
20 to 22	66.0	22.7	11.3	1944	20	19 500	2.930	8	415	20	99
22 to 24	93.0	3.0	3.0	1939	18	20 200	3.590	9	439	21	89
24 to 26	47.1	31.1	21.8	1934	12	16 700	1.560	7	401	13	68
26 to 28	28.7	47.5	23.8	1929	16	18 500	0.948	6	455	15	65
28 to 30	31.6	48.3	20.1	1924	19	20 000	1.120	9	477	18	115
30 to 32	33.0	56.4	10.6	1919	30	23 700	1.460	21	547	26	175
32 to 34	23.7	55.9	20.4	1914	17	19 100	0.953	10	469	19	117
34 to 36	12.9	64.7	22.5	1909	17	16 500	0.162	10	386	12	60
36 to 38	91.5	4.3	4.3	1904	8	12 600	0.133	11	244	10	52
38 to 40	99.3	0.4	0.4	1899	8	12 000	0.116	9	251	5	44
40 to 42	24.1	38.0	38.0	1994	34	24 800	0.300	14	475	29	129
42 to 44	29.1	26.1	44.8	1989	26	23 900	0.292	14	439	25	131
44 to 46	36.5	24.7	38.8	1984	18	20 200	0.393	10	410	22	89
46 to 48	48.4	19.2	32.4	1979	23	22 100	0.419	11	414	29	112
48 to 50	37.7	25.9	36.4	1974	42	22 300	0.511	11	276	29	177
50 to 52	26.9	28.6	44.5	1969	43	27 400	0.553	17	417	52	187
52 to 54	21.0	32.4	46.7	1964	19	18 100	0.491	10	358	25	95

Sediment core SF-00-21

Interval cm	Sand and gravel %	Silt %	Clay %	Phi 50	Sorting coef.	Date	Moisture %	Density g/cm ³	Org. C %	Inorg. C %	Al µg/g	Cd µg/g	Cr µg/g	Cu µg/g	Fe µg/g	Li µg/g	Mn µg/g	Ni µg/g	Pb µg/g	Zn µg/g
8 to 10	100.0								0.4		52 000	0.50	35	13	20 500	9.8	434	13	14	43
14 to 18				100.0																
18 to 20	0.6	4.7	94.7						0.4		86 100	0.30	160	66	58 200	58.3	850	93	19	115
28 to 30	1.1	5.5	93.4						0.5		83 400	0.30	146	64	53 500	59.1	934	88	20	111
38 to 41	0.5	2.4	97.1						0.4		82 700	0.30	151	63	53 100	59.1	921	87	19	110
49 to 51	1.2	1.6	97.3						0.5		78 700	0.20	134	57	50 800	58.7	869	76	19	109

Sediment core SF-96-LSL

Interval cm	Sand and gravel %	Silt %	Clay %	Date	Cu µg/g	Fe µg/g	Hg µg/g	Li µg/g	Mn µg/g	Pb µg/g	Zn µg/g
0 to 2	0.9	45.6	53.6	1995	52	34 146	0.217	23	828	42	170
2 to 4	0.9	44.6	54.5	1994	51	32 155	0.239	21	650	42	168
4 to 6	1.0	41.9	57.1	1992	55	31 757	0.232	20	584	43	167
6 to 8	1.2	39.6	59.2	1991	55	33 051	0.245	24	613	48	177
8 to 10	0.6	43.7	55.6	1989	56	31 692	0.252	23	559	46	180
10 to 12	1.0	36.6	62.4	1988	56	29 996	0.244	23	505	40	174
12 to 14	0.8	56.1	43.1	1986	57	32 690	0.251	24	554	49	184
14 to 16	0.6	49.2	50.2	1985	57	31 991	0.250	25	548	49	181
16 to 18	0.8	41.2	58.0	1984	58	28 700	0.251	22	462	36	168
18 to 20	0.9	43.7	55.4	1982	56	31 792	0.266	23	543	53	180
20 to 22	1.1	47.8	51.1	1981	57	31 493	0.257	23	512	48	189
22 to 24	1.1	52.8	46.1	1979	59	32 291	0.261	24	522	58	192
24 to 26	1.1	53.4	45.6	1978	60	28 999	0.255	21	431	39	177
26 to 28	0.8	51.1	48.1	1976	60	32 191	0.280	24	528	61	204
28 to 30	0.9	54.6	44.5	1975	59	30 296	0.270	23	468	49	184
30 to 32	0.9	51.2	48.0	1973	62	31 792	0.295	23	505	60	195
32 to 34	0.9	51.4	47.7	1972	61	32 490	0.299	23	500	66	206
34 to 36	0.9	41.1	57.9	1970	61	29 398	0.285	22	456	57	193
36 to 38	0.0	53.9	46.1	1969	63	31 692	0.295	22	499	69	206
38 to 40	0.0	50.4	49.6	1967	61	31 592	0.305	21	505	69	203
40 to 42	0.0	44.1	55.9	1966	64	29 498	0.332	20	478	63	205
42 to 44	0.0	44.1	55.9	1964	65	31 393	0.319	24	521	71	214
44 to 46	0.0	58.5	41.5	1963	66	31 193	0.314	23	504	70	213
46 to 48	0.0	53.0	47.0	1961	66	30 794	0.321	21	497	72	212
48 to 50	0.0	52.6	47.4	1960	64	30 495	0.349	22	499	71	208
50 to 52	0.0	51.1	48.9	1959	65	28 700	0.334	20	500	56	196
52 to 54	0.0	56.8	43.2	1957	65	26 305	0.318	18	408	48	184
54 to 56	0.0	45.6	54.4	1956	67	29 996	0.332	23	497	69	205
56 to 58	0.0	55.4	44.6	1954	65	28 400	0.309	21	484	56	187
58 to 60	0.0	52.6	47.4	1953	60	29 198	0.296	20	494	60	184
60 to 62	0.0	47.0	53.0	1951	64	29 498	0.292	20	484	63	187
62 to 64	0.0	47.1	53.0	1950	61	29 398	0.308	21	514	61	185
64 to 66	0.0	49.4	50.6	1948							
66 to 68	0.0	51.3	48.7	1947							
68 to 70	0.0	50.4	49.6	1945							
70 to 72	0.0	41.9	58.1	1944							
72 to 74	0.0	47.0	53.0	1942							
74 to 76	0.0	47.4	52.6	1941							

Sediment core SF-96-LSL (cont'd. 1)

Interval cm	Cong. # 17 pg/g	Cong. # 18 pg/g	Cong. # 28 pg/g	Cong. # 31 pg/g	Cong. # 33* pg/g	Cong. # 44* pg/g	Cong. # 49* pg/g	Cong. # 52 pg/g	Cong. # 70* pg/g	Cong. # 74 pg/g	Cong. # 82 pg/g	Cong. # 87 pg/g	Cong. # 95 pg/g	Cong. # 99 pg/g	Cong. # 101 pg/g	Cong. # 105 pg/g	Cong. # 110 pg/g	Cong. # 118 pg/g	Cong. # 128 pg/g	Cong. # 132 pg/g
0 to 2	180	450	2 500	1 700	740	950	850	1 200	2 400	1 100	160	670	690	820	1 500	1 000	1 700	2 700	690	460
4 to 6	150	390	2 500	1 900	770	900	840	1 100	3 000	1 500	220	910	820	1 100	1 900	1 300	2 300	2 800	640	510
8 to 10	170	380	2 600	1 700	740	1 500	1 200	1 600	3 900	1 800	300	1 300	1 400	1 600	2 800	1 700	3 200	3 500	820	680
12 to 14	190	350	2 700	1 600	680	1 200	1 100	1 600	4 000	1 700	330	1 400	1 400	1 700	3 000	1 800	3 400	3 500	880	700
16 to 18	230	530	3 100	1 900	820	1 500	1 400	1 900	4 600	200	370	1 500	1 500	1 900	3 300	2 000	3 800	4 000	960	790
20 to 22	190	510	2 900	2 100	910	1 700	1 400	1 900	4 900	2 300	410	1 600	1 700	2 100	3 700	2 200	4 100	4 200	1 100	900
24 to 26	260	740	3 400	2 900	1 300	2 100	1 900	2 700	6 000	2 700	550	2 300	2 600	2 800	5 100	2 700	5 700	5 300	1 300	1 100
28 to 30	390	980	3 600	2 600	1 200	2 200	2 100	2 500	6 400	2 800	550	2 200	2 400	2 700	4 800	2 700	5 200	5 200	1 200	1 000

Sediment core SF-96-LSL (cont'd. 2)

Interval cm	Cong. # 138 pg/g	Cong. # 149 pg/g	Cong. # 151 pg/g	Cong. # 153 pg/g	Cong. # 156 pg/g	Cong. # 158* pg/g	Cong. # 170* pg/g	Cong. # 171 pg/g	Cong. # 177 pg/g	Cong. # 180 pg/g	Cong. # 183 pg/g	Cong. # 187* pg/g	Cong. # 191* pg/g	Cong. # 194 pg/g	Cong. # 195 pg/g	Cong. # 199 pg/g	Cong. # 205 pg/g	Cong. # 206 pg/g	Cong. # 208 pg/g	Cong. # 209 pg/g
0 to 2	2 900	1 300	280	2 000	250	180	730	140	340	1 400	360	1 100	17	410	130	530	17	430	140	440
4 to 6	3 100	1 300	250	1 900	220	160	720	130	330	1 300	290	760	16	380	130	520	18	410	140	480
8 to 10	4 000	1 600	410	2 500	260	230	930	160	390	1 600	290	940	21	430	150	630	21	530	170	600
12 to 14	4 100	1 600	440	2 500	260	230	940	180	470	1 700	340	1 000	460	170	620	21	530	180	620	
16 to 18	4 400	1 900	450	2 800	300	240	1 100	190	510	1 800	360	1 100	26	500	190	720	24	550	200	670
20 to 22	5 000	2 200	520	3 000	350	290	1 200	220	590	2 000	430	1 300	30	550	200	740	24	580	200	780
24 to 26	5 300	2 400	590	3 600	440	380	1 400	250	640	2 300	530	1 500	35	600	220	940	29	670	230	940
28 to 30	5 400	2 500	630	3 600	460	310	1 600	290	790	2 500	570	1 400	34	650	240	1 000	32	720	250	840

Sediment core SF-96-166

Interval cm	Sand and gravel %	Silt %	Clay %	Date
0 to 1	5.5	65.1	29.4	1996
1 to 2	5.5	63.2	31.3	1995
2 to 4	4.9	64.9	30.2	1995
4 to 5	5.3	63.2	31.4	1994
5 to 6	5.4	62.1	32.5	1994
6 to 7	4.7	62.9	32.4	1993
7 to 8	6.2	64.0	29.8	1993
8 to 9	4.3	62.5	33.2	1993
9 to 10	5.5	64.7	29.8	1992
10 to 12	5.5	63.9	30.6	1992
12 to 14	5.4	63.0	31.6	1991
14 to 16	4.1	67.4	28.6	1990
16 to 18	6.0	64.0	30.1	1989
18 to 20	5.5	64.9	29.6	1989
20 to 22	0.0	67.7	32.3	1988
22 to 24	6.8	63.5	29.7	1987
24 to 26	6.5	62.7	30.8	1986
26 to 28	6.1	62.6	31.3	1985
28 to 30	5.1	67.9	26.9	1985
30 to 32	6.3	64.9	28.8	1984
32 to 34	8.5	60.5	31.0	1983
34 to 36	6.2	65.9	27.9	1982
36 to 38	4.7	68.6	26.7	1982
38 to 40	5.8	68.1	26.2	1981
40 to 42	7.5	65.7	26.7	1980
42 to 44	5.7	67.1	27.2	1979
44 to 46	4.8	62.8	32.4	1978
46 to 48	2.6	64.8	32.6	1978
48 to 50	2.9	61.7	35.4	1977
50 to 52	4.0	62.4	33.6	1976

Source: Rukavina, 2000.

3 Conversion of PCB congeners to Aroclors for the analytical data of 1989 samples

STATION	Aroclors measured in 1989				Aroclors calculated with Method 1				Aroclors calculated with Method 2			
	Total Aroclors µg/g	Aroclor 1242 µg/g	Aroclor 1254 µg/g	Aroclor 1260 µg/g	Total Aroclors µg/g	Aroclor 1242 µg/g	Aroclor 1254 µg/g	Aroclor 1260 µg/g	Total Aroclors µg/g	Aroclor 1242 µg/g	Aroclor 1254 µg/g	Aroclor 1260 µg/g
9	0.03	0.02	0.01		0.021	0.011	0.006	0.003	0.093	0.038	0.039	0.016
12	0.04	0.04			0.022	0.014	0.005	0.003	0.085	0.039	0.031	0.015
17	0.20	0.14	0.06		0.045	0.026	0.013	0.007	0.192	0.081	0.076	0.035
23	0.13	0.08	0.02	0.03	0.039	0.022	0.012	0.006	0.173	0.073	0.072	0.028
24	0.08	0.04	0.04		0.021	0.012	0.006	0.003	0.088	0.038	0.035	0.015
28	0.01		0.01		0.004	0.002	0.001	0.001	0.016	0.005	0.007	0.004
43	0.03	0.02	0.01		0.006	0.003	0.002	0.001	0.027	0.008	0.012	0.007
45	0.01	0.01			0.001	0.000	0.000	0.000	0.004	0.001	0.002	0.001
55	0.14	0.08	0.03	0.03	0.067	0.040	0.018	0.009	0.281	0.124	0.111	0.045
59	0.02		0.02		0.012	0.007	0.003	0.002	0.052	0.020	0.021	0.011
61	0.02	0.02			0.011	0.006	0.003	0.002	0.044	0.018	0.017	0.009
62	0.01		0.01		0.006	0.004	0.001	0.001	0.023	0.010	0.009	0.004
72	0.05	0.03	0.02		0.010	0.006	0.002	0.001	0.038	0.018	0.013	0.007
84	0.01		0.01		0.002	0.001	0.001	0.001	0.010	0.003	0.005	0.003
91	0.01		0.01		0.006	0.002	0.002	0.002	0.029	0.008	0.013	0.009
95	0.01		0.01		0.005	0.002	0.002	0.001	0.024	0.006	0.011	0.007
99	0.03		0.03		0.005	0.002	0.002	0.001	0.022	0.006	0.010	0.007
104	0.03	0.02	0.01		0.002	0.001	0.000	0.000	0.006	0.002	0.003	0.002
105	0.01		0.01		0.002	0.001	0.001	0.000	0.010	0.004	0.004	0.002
113	0.02		0.02		0.024	0.014	0.006	0.004	0.093	0.039	0.035	0.019
124	0.02		0.02		0.052	0.030	0.014	0.008	0.216	0.089	0.086	0.040
131	0.04	0.04			0.045	0.031	0.010	0.004	0.175	0.093	0.062	0.020
137	0.03	0.02	0.01		0.015	0.010	0.003	0.002	0.055	0.026	0.020	0.009
142	0.01		0.01		0.029	0.019	0.006	0.003	0.101	0.050	0.034	0.016
149	0.10	0.06	0.04		0.053	0.034	0.012	0.007	0.195	0.092	0.070	0.034
150	0.09	0.06	0.03		0.036	0.022	0.009	0.004	0.144	0.070	0.053	0.021

PCB congeners measured in the 1989 samples

STATION	Total congeners pg/g	Trichloro-biphenyls pg/g	Congener # 17 pg/g	Congener # 18 pg/g	Congener # 28 pg/g	Congener # 31 pg/g	Congener # 31 pg/g	Tetrachloro-biphenyls pg/g	Congener # 44 pg/g	Congener # 49 pg/g	Congener # 52 pg/g	Congener # 70 pg/g	Congener # 74 pg/g
9	0.161	30 000	2 800	4 500	9 100	9 100	4 500	53 600	8 100	9 900	9 600	16 000	10 000
12	0.147	36 900	4 300	5 900	12 000	11 000	3 700	47 000	7 400	11 000	11 000	11 000	6 600
17	0.334	65 600	5 300	6 300	27 000	16 000	11 000	111 000	18 000	25 000	21 000	29 000	18 000
23	0.301	56 200	3 400	5 800	21 000	15 000	11 000	105 000	18 000	21 000	18 000	30 000	18 000
24	0.153	30 500	1 900	3 000	11 000	8 400	6 200	53 100	8 700	11 000	9 700	15 000	8 700
28	0.027	3 830	270	380	1 400	1 300	480	6 290	1 000	1 400	1 200	1 700	990
43	0.046	6 410	370	700	2 600	2 000	740	10 200	1 500	1 700	2 000	3 300	1 700
45	0.006	748	33	75	300	220	120	1 560	240	290	370	430	230
55	0.487	103 400	7 400	10 000	37 000	29 000	20 000	168 000	28 000	35 000	31 000	46 000	28 000
59	0.089	17 700	1 700	2 000	6 100	5 500	2 400	25 500	3 700	5 200	4 900	7 400	4 300
61	0.077	16 100	1 400	1 700	6 200	4 700	2 100	23 700	4 000	5 000	4 400	6 300	4 000
62	0.040	9 080	630	850	3 300	2 900	1 400	12 100	1 900	2 400	2 300	3 500	2 000
72	0.065	17 400	2 700	1 700	5 800	5 300	1 900	19 700	2 900	4 600	3 800	5 100	3 300
84	0.018	2 024	84	200	830	610	300	3 670	580	650	790	1 100	550
91	0.050	5 700	290	580	2 300	1 900	630	10 100	1 600	1 800	2 100	3 000	1 600
95	0.041	4 510	210	460	2 100	1 200	540	8 100	1 200	1 400	1 700	2 500	1 300
99	0.038	4 680	210	500	1 900	1 500	570	7 500	1 200	1 200	1 500	2 400	1 200
104	0.011	2 010	170	220	810	590	220	2 510	360	480	550	710	410
105	0.017	3 470	120	200	1 600	1 200	350	5 350	520	1 100	930	1 500	1 300
113	0.161	36 000	5 400	3 500	11 000	13 000	3 100	46 300	6 700	11 000	10 000	11 000	7 600
124	0.374	74 500	7 200	7 200	25 000	26 000	9 100	120 000	18 000	26 000	23 000	31 000	22 000
131	0.306	81 300	7 600	14 000	26 000	24 000	9 700	125 000	24 000	28 000	26 000	29 000	18 000
137	0.094	24 700	1 900	3 200	8 100	8 600	2 900	30 200	5 500	6 600	7 000	6 800	4 300
142	0.176	51 500	6 100	7 400	15 000	19 000	4 000	54 400	8 200	14 000	13 000	11 000	8 200
149	0.338	90 200	12 000	12 000	25 000	35 000	6 200	103 000	16 000	27 000	24 000	20 000	16 000
150	0.247	73 296	16 436	13 734	22 401	13 403	7 322	70 661	10 177	3 121	18 571	30 915	7 878

PCB congeners measured in the 1989 samples (cont'd. 1)

STATION	Pentachloro-biphenyls pg/g	Cong. # 82 pg/g	Cong. # 87 pg/g	Cong. # 95 pg/g	Cong. # 99 pg/g	Cong. # 101 pg/g	Cong. # 105 pg/g	Cong. # 110 pg/g	Cong. # 118 pg/g	Hexachloro-biphenyls pg/g	Cong. # 128 pg/g	Cong. # 132 pg/g	Cong. # 138 pg/g	Cong. # 149 pg/g	Cong. # 151 pg/g	Cong. # 153 pg/g	Cong. # 156 pg/g	Cong. # 158 pg/g
9	49 500	1 800	5 600	5 200	6 200	10 000	5 400	7 900	7 400	18 530	1 500	1 700	6 300	3 600	1 000	3 500	590	340
12	35 300	1 300	3 800	4 200	3 900	7 100	3 600	5 900	5 500	16 530	1 100	1 600	5 000	3 600	1 100	3 300	540	290
17	92 500	3 800	10 000	8 900	9 800	17 000	11 000	16 000	16 000	38 900	3 100	4 000	12 000	7 800	1 900	7 700	1 500	900
23	92 300	3 500	10 000	9 800	11 000	19 000	12 000	14 000	13 000	31 160	2 800	3 100	11 000	5 200	1 300	5 900	1 100	760
24	43 100	1 600	4 200	5 100	5 200	8 900	5 000	6 500	6 600	16 490	1 300	1 600	5 300	3 200	750	3 500	540	300
28	7 960	220	850	770	940	1 600	880	1 300	1 400	5 754	440	480	1 900	1 100	260	1 300	180	94
43	13 380	380	1 400	1 300	1 600	2 800	1 400	2 200	2 300	9 710	780	830	3 200	1 700	470	2 300	270	160
45	1 974	54	230	220	390	220	320	320	320	1 319	93	120	400	270	67	310	39	20
55	138 200	6 200	16 000	14 000	26 000	15 000	23 000	22 000	50 300	4 100	5 200	16 000	9 900	2 600	9 500	1 900	1 100	
59	23 230	830	2 600	2 400	2 700	4 500	2 500	3 900	3 800	14 810	880	1 100	4 100	2 500	680	2 600	350	2 600
61	19 740	640	2 200	2 300	4 100	2 000	3 300	3 100	10 360	730	970	3 200	2 300	590	2 100	280	190	
62	10 460	360	1 200	1 100	1 200	2 100	1 100	1 700	1 700	5 333	380	500	1 700	1 000	300	1 200	160	93
72	15 290	490	1 600	1 800	1 700	2 900	1 600	2 700	2 500	7 660	520	750	2 300	1 700	510	1 500	230	150
84	5 650	170	630	590	680	1 200	560	940	880	4 054	310	370	1 300	720	200	940	150	64
91	15 000	400	1 600	1 500	1 800	3 200	1 500	2 400	2 600	11 650	950	1 000	3 800	2 200	520	2 600	330	250
95	12 430	330	1 300	1 200	1 500	2 600	1 300	2 000	2 200	9 700	800	890	3 100	1 800	420	2 200	310	180
99	11 300	300	1 300	1 100	1 300	2 400	1 200	1 800	1 900	9 010	750	780	2 900	1 700	420	2 000	270	190
104	2 890	90	310	290	340	560	320	470	510	2 093	140	170	690	410	110	490	58	25
105	5 120	120	500	320	660	800	800	820	1 100	2 032	160	170	680	380	95	440	61	46
113	39 600	1 100	4 100	4 800	4 500	8 100	4 000	6 800	6 200	22 640	1 500	2 100	6 800	5 200	1 500	4 500	600	440
124	104 900	3 900	11 000	11 000	12 000	21 000	12 000	17 000	17 000	46 500	3 600	4 600	15 000	9 400	2 400	9 000	1 400	1 100
131	71 100	2 700	8 400	8 300	8 000	14 000	7 700	11 000	11 000	20 440	1 600	2 100	6 300	4 100	990	4 200	650	500
137	22 730	730	2 300	2 700	2 500	4 800	2 300	3 800	3 600	11 010	800	1 200	3 500	2 200	590	2 200	290	230
142	39 300	1 200	4 100	5 000	4 400	8 100	3 900	6 800	5 800	17 880	1 200	1 700	5 300	4 200	1 100	3 500	500	380
149	81 300	2 400	8 800	10 000	8 800	16 000	8 300	14 000	13 000	38 790	2 800	3 800	12 000	8 000	1 900	7 800	1 500	990
150	69 504	1 465	5 892	15 950	5 609	10 017	3 130	9 834	17 606	22 665	2 303	1 361	3 623	9 218	1 160	3 203	1 391	407

PCB congeners measured in the 1989 samples (cont'd. 2)

STATION	Heptachloro-biphenyls pg/g	Cong. # 170 pg/g	Cong. # 171 pg/g	Cong. # 177 pg/g	Cong. # 183 pg/g	Cong. # 187 pg/g	Cong. # 188 pg/g	Cong. # 191 pg/g	Octachloro-biphenyls pg/g	Cong. # 194 pg/g	Cong. # 195 pg/g	Cong. # 199 pg/g	Cong. # 205 pg/g	Nonachloro-biphenyls pg/g	Cong. # 206 pg/g	Cong. # 208 pg/g	Decachloro-biphenyls pg/g	Cong. # 209 pg/g
9	7 300	1 500	280	840	540	1 800	2 300	40	1 742	700	250	750	42	500	390	110	260	260
12	8 620	1 600	340	930	700	2 200	2 800	50	2 233	880	320	980	53	570	440	130	340	340
17	19 200	3 700	690	1 900	1 500	4 900	6 400	110	5 400	1 900	690	2 700	110	1 070	820	250	500	500
23	12 269	2 400	490	1 200	1 100	2 800	4 200	79	3 109	1 200	440	1 400	69	670	530	140	350	350
24	7 063	1 400	250	700	570	1 700	2 400	43	1 777	690	260	790	37	470	360	110	280	280
28	2 415	470	93	270	180	570	820	12	621	210	76	320	15	303	220	83	250	250
43	4 160	830	150	420	360	1 100	1 300		985	340	130	490	25	480	350	130	470	470
45	444	91	18	51	34	110	140		115	38	15	62		50	34	16	42	42
55	20 530	4 400	810	2 000	1 800	4 700	6 700	120	5 040	2 000	720	2 200	120	1 100	850	250	480	480
59	5 660	940	190	590	440	1 300	2 200		1 229	510	180	510	29	430	320	110	290	290
61	4 757	960	130	410	430	1 300	1 500	27	1 246	440	150	630	26	389	290	99	280	280
62	2 312	430	88	240	190	580	770	14	578	210	76	280	12	189	140	49	160	160
72	3 931	690	150	440	330	1 100	1 200	21	999	380	140	460	19	244	170	74	120	120
84	1 674	370	74	210	130	410	480		326	110	48	160	8	156	110	46	140	140
91	5 287	850	180	480	550	1 600	1 600	27	1 455	450	160	820	25	440	310	130	530	530
95	4 101	750	140	380	410	1 100	1 300	21	1 080	330	120	610	20	380	260	120	460	460
99	3 990	680	130	350	430	1 200	1 200		969	280	120	550	19	330	230	100	380	380
104	867	170	36	100	71	220	270		207	84	31	87	5	101	72	29	92	92
105	740	160	26	81	53	210	210		182	63	26	87	6	47	36	11	20	20
113	11 950	2 200	470	1 400	980	3 100	3 800		3 340	1 300	460	1 500	80	950	740	210	510	510
124	20 620	3 900	800	2 200	1 700	5 300	6 600	120	5 340	2 100	720	2 400	120	1 270	1 000	270	570	570
131	6 235	1 300	230	590	570	1 500	2 000	45	1 236	430	160	620	26	273	200	73	100	100
137	4 260	810	160	430	360	1 100	1 400		1 014	380	140	470	24	316	240	76	190	190
142	9 170	1 700	340	970	760	2 400	3 000		2 477	960	350	1 100	67	670	520	150	360	360
149	18 200	3 700	770	1 800	1 500	3 800	6 500	130	4 660	1 900	640	2 000	120	1 210	950	260	490	490
150	9 744	744	1 583	542	667	4 623	1 483	103	633	54	261	27	290	285	88	197	174	174