

Table 1.2.2 Total PCB IN 1999 Merrymeeting Bay Sediment Samples

DEP ID#			MR-1	MR-2	MR-3	WC-1	WC-2	WC-3	KR-1	KR-2	KR-3
WRI ID #			947P	948P	949P	950P	951P	952P	954P	955P	956P
Compound	IUPAC#	DL (ng/g)									
2,4'-Dichlorobiphenyl	8	0.5	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL
2,2',5-Trichlorobiphenyl	18	0.5	<DL	<DL	<DL	<DL	<DL	<DL	3.60	<DL	<DL
2,4,4'-Trichlorobiphenyl	28	0.5	<DL	<DL	<DL	<DL	<DL	<DL	6.35	<DL	<DL
2,4,5-Trichlorobiphenyl	29	0.5	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL
2,2',3,5'-Tetrachlorobiphenyl	44	0.5	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL
2,2',4,6-Tetrachlorobiphenyl	50	0.5	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL
2,2',5,5'-Tetrachlorobiphenyl	52	0.5	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL
2,3',4,4'-Tetrachlorobiphenyl	66	0.5	<DL	<DL	<DL	<DL	<DL	<DL	0.24	<DL	<DL
2,2',3,4,5'-Pentachlorobiphenyl	87	0.5	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL
2,2',4,5,5'-Pentachlorobiphenyl	101	0.5	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL
2,2',4,6,6'-Pentachlorobiphenyl	104	0.5	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL
2,2',3,3',4,4'-Hexachlorobiphenyl	128	1.0	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL
2,2',3,4,4',5'-Hexachlorobiphenyl	138	1.0	0.78	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL
2,2',4,4',5,5'-Hexachlorobiphenyl	153	1.0	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL
2,2',4,4',5,6'-Hexachlorobiphenyl	154	1.0	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL
2,2',3,4',5,5',6-Heptachlorobiphenyl	187	1.0	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL
2,2',3,4',5,6,6'-Heptachlorobiphenyl	188	1.0	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL
2,2',3,3',4,4',5,6-Octachlorobiphenyl	195	1.0	0.60	0.67	0.35	<DL	<DL	<DL	<DL	<DL	<DL
2,2',3,3',4,5',6,6'-Octachlorobiphenyl	200	1.0	<DL	<DL	<DL	0.72	<DL	<DL	<DL	0.68	<DL
2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl	209	2.0	2.24	<DL	1.63	1.33	<DL	1.67	1.47	<DL	1.81
<b>Total PCB concentration (homologue)</b>			8.51	11.3	8.44	6.44	5.91	8.51	36.7	21.3	28.6
<b>Total PCB concentration (Aroclor)</b>			7.66	8.57	10.3	8.55	6.27	6.69	43.8	29.6	32.4
<b>Sample weight (g) dry weight</b>			24.71	25.03	24.91	25.00	24.90	25.10	25.08	24.93	25.41
(sample weights have been adjusted using the % solids to give 25g dry weight)											
<b>% Solids</b>			30.7	33.4	27.9	29.7	32.3	39.0	40.3	43.9	43.0
<b>Surrogate recovery TCMX (% rec.)</b>			74.0	66.4	94.6	81.1	64.2	63.4	108	88.3	70.5
All samples contained multiple target compounds below the lowest standard.											
Any concentrations below the detection limit are estimated values and are for informational purposes only.											

Table 1.2.2 Total PCB IN 1999 Merrymeeting Bay Sediment Samples

DEP ID#			DEP ID#			AR-1	AR-2	AR-3
WRI ID #			WRI ID #			957P	958P	959P
Compound	IUPAC#	DL (ng/g)	Compound	IUPAC#	DL (ng/g)			
2,4'-Dichlorobiphenyl	8	0.5	2,4'-Dichlorobiphenyl	8	0.5	<DL	<DL	<DL
2,2',5-Trichlorobiphenyl	18	0.5	2,2',5-Trichlorobiphenyl	18	0.5	<DL	<DL	<DL
2,4,4'-Trichlorobiphenyl	28	0.5	2,4,4'-Trichlorobiphenyl	28	0.5	<DL	<DL	<DL
2,4,5-Trichlorobiphenyl	29	0.5	2,4,5-Trichlorobiphenyl	29	0.5	<DL	<DL	<DL
2,2',3,5'-Tetrachlorobiphenyl	44	0.5	2,2',3,5'-Tetrachlorobiphenyl	44	0.5	<DL	<DL	<DL
2,2',4,6-Tetrachlorobiphenyl	50	0.5	2,2',4,6-Tetrachlorobiphenyl	50	0.5	<DL	<DL	<DL
2,2',5,5'-Tetrachlorobiphenyl	52	0.5	2,2',5,5'-Tetrachlorobiphenyl	52	0.5	<DL	<DL	<DL
2,3',4,4'-Tetrachlorobiphenyl	66	0.5	2,3',4,4'-Tetrachlorobiphenyl	66	0.5	<DL	<DL	<DL
2,2',3,4,5'-Pentachlorobiphenyl	87	0.5	2,2',3,4,5'-Pentachlorobiphenyl	87	0.5	<DL	<DL	<DL
2,2',4,5,5'-Pentachlorobiphenyl	101	0.5	2,2',4,5,5'-Pentachlorobiphenyl	101	0.5	<DL	<DL	<DL
2,2',4,6,6'-Pentachlorobiphenyl	104	0.5	2,2',4,6,6'-Pentachlorobiphenyl	104	0.5	<DL	<DL	<DL
2,2',3,3',4,4'-Hexachlorobiphenyl	128	1.0	2,2',3,3',4,4'-Hexachlorobiphenyl	128	1.0	<DL	<DL	<DL
2,2',3,4,4',5'-Hexachlorobiphenyl	138	1.0	2,2',3,4,4',5'-Hexachlorobiphenyl	138	1.0	1.56	2.98	1.04
2,2',4,4',5,5'-Hexachlorobiphenyl	153	1.0	2,2',4,4',5,5'-Hexachlorobiphenyl	153	1.0	<DL	<DL	<DL
2,2',4,4',5,6'-Hexachlorobiphenyl	154	1.0	2,2',4,4',5,6'-Hexachlorobiphenyl	154	1.0	<DL	<DL	<DL
2,2',3,4',5,5',6-Heptachlorobiphenyl	187	1.0	2,2',3,4',5,5',6-Heptachlorobiphenyl	187	1.0	<DL	<DL	<DL
2,2',3,4',5,6,6'-Heptachlorobiphenyl	188	1.0	2,2',3,4',5,6,6'-Heptachlorobiphenyl	188	1.0	<DL	<DL	<DL
2,2',3,3',4,4',5,6-Octachlorobiphenyl	195	1.0	2,2',3,3',4,4',5,6-Octachlorobiphenyl	195	1.0	2.26	1.14	0.84
2,2',3,3',4,5',6,6'-Octachlorobiphenyl	200	1.0	2,2',3,3',4,5',6,6'-Octachlorobiphenyl	200	1.0	1.75	0.79	1.05
2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl	209	2.0	2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl	209	2.0	2.25	0.91	1.88
<b>Total PCB concentration (homologue)</b>			<b>Total PCB concentration (homologue)</b>			25.6	32.7	42.7
<b>Total PCB concentration (Aroclor)</b>			<b>Total PCB concentration (Aroclor)</b>			21.9	35.6	49.8
<b>Sample weight (g) dry weight</b>			<b>Sample weight (g) dry weight</b>			25.09	24.97	25.19
(sample weights have been adjusted using the % solids to give 25g dry weight)			(sample weights have been adjusted using the % solids to give 25g dry weight)					
<b>% Solids</b>			<b>% Solids</b>			41.1	45.7	53.3
<b>Surrogate recovery TCMX (% rec.)</b>			<b>Surrogate recovery TCMX (% rec.)</b>			90.1	89.6	65.2
All samples contained multiple target compounds below the lowest detection limit						All samples contained multiple target compounds below the lowest detection limit		
Any concentrations below the detection limit are estimated values						Any concentrations below the detection limit are estimated values		

Table 1.2.2 Total PCB IN 1999 Merrymeeting Bay Sediment Samples

DEP ID#			AB-1	AB-2	AB-3	SI-1	SI-2	SI-3
WRI ID #			961P	962P	963P	964P	965P	966P
Compound	IUPAC#	DL (ng/g)						
2,4'-Dichlorobiphenyl	8	0.5	<DL	<DL	<DL	<DL	<DL	<DL
2,2',5-Trichlorobiphenyl	18	0.5	<DL	<DL	<DL	<DL	<DL	<DL
2,4,4'-Trichlorobiphenyl	28	0.5	<DL	<DL	<DL	<DL	<DL	<DL
2,4,5-Trichlorobiphenyl	29	0.5	<DL	<DL	<DL	<DL	<DL	<DL
2,2',3,5'-Tetrachlorobiphenyl	44	0.5	<DL	<DL	<DL	<DL	<DL	<DL
2,2',4,6-Tetrachlorobiphenyl	50	0.5	<DL	<DL	<DL	<DL	<DL	<DL
2,2',5,5'-Tetrachlorobiphenyl	52	0.5	<DL	<DL	<DL	<DL	<DL	<DL
2,3',4,4'-Tetrachlorobiphenyl	66	0.5	<DL	<DL	<DL	<DL	<DL	<DL
2,2',3,4,5'-Pentachlorobiphenyl	87	0.5	<DL	<DL	<DL	<DL	<DL	<DL
2,2',4,5,5'-Pentachlorobiphenyl	101	0.5	<DL	<DL	<DL	<DL	<DL	<DL
2,2',4,6,6'-Pentachlorobiphenyl	104	0.5	<DL	<DL	<DL	<DL	<DL	<DL
2,2',3,3',4,4'-Hexachlorobiphenyl	128	1.0	<DL	<DL	<DL	<DL	<DL	<DL
2,2',3,4,4',5'-Hexachlorobiphenyl	138	1.0	1.55	<DL	<DL	<DL	<DL	<DL
2,2',4,4',5,5'-Hexachlorobiphenyl	153	1.0	<DL	<DL	<DL	<DL	<DL	<DL
2,2',4,4',5,6'-Hexachlorobiphenyl	154	1.0	<DL	<DL	<DL	<DL	<DL	<DL
2,2',3,4',5,5',6-Heptachlorobiphenyl	187	1.0	<DL	<DL	<DL	<DL	<DL	<DL
2,2',3,4',5,6,6'-Heptachlorobiphenyl	188	1.0	<DL	<DL	<DL	<DL	<DL	<DL
2,2',3,3',4,4',5,6-Octachlorobiphenyl	195	1.0	<DL	<DL	<DL	3.67	<DL	<DL
2,2',3,3',4,5',6,6'-Octachlorobiphenyl	200	1.0	0.60	<DL	<DL	<DL	<DL	<DL
2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl	209	2.0	1.66	<DL	1.69	<DL	<DL	<DL
<b>Total PCB concentration (homologue)</b>			18.3	25.7	14.3	14.1	7.24	4.81
<b>Total PCB concentration (Aroclor)</b>			17.6	18.7	16.3	11.5	5.25	7.36
<b>Sample weight (g) dry weight</b>			24.69	24.83	24.82	25.11	24.66	25.02
(sample weights have been adjusted using the % solids to give 25g dry weight)								
<b>% Solids</b>			42.3	39.5	37.8	43.9	43.9	38.2
<b>Surrogate recovery TCMX (% rec.)</b>			94.7	66.1	73.4	72.5	84.2	71.6
All samples contained multiple target compound standard.								
Any concentrations below the detection limit and are for informational purposes only.								