

**Table G-1
Ambient Air Monitoring Program - Total Detectable PCB Homologues
New Bedford Harbor Superfund Site**

Sampling Date	PCB Concentration by Location (ng/m ³ in 24-hour time-weighted average)																				Activity Period	
	24 Aerovox	25 Manomet	25 Cliftex	27 Porter	30 Fiber Leather	42 NSTAR North	43 Veranda	46 Coffin	Area C			Area D			53 Dredge	55 Aerovox West	56 Acushnet Park	57 Riverside Park	61 South Fence	62 Century House		63 Boathouse
									47	48	49	50	51	52								
10/01/12	98	18	NA	17/18d	25	17	87	18	NS	NS	14	0.56	NS	NS	NS	15	NS	NS	NS	NA	NS	2012 Post Dredge Operation; Sample at Station 62 had insufficient air volume and was not analyzed.
8/21/2012	67	28	NA	23	17	19	67	14/16d	NS	NS	20	4	NS	NS	NA	0.00033	NS	NS	NS	18	NS	2012 Hydraulic Dredging in Area P; Sample at Station 53 had insufficient air volume and was not analyzed.
7/16/2012	220	1.2	NA	24/24d	110	36	140	26	NS	NS	57	10	NS	NS	280	10	NS	NS	NS	3.3	NS	2012 Hydraulic Dredging in Area L
7/2/2012	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS	NA	NA	NS	NS	NA	NA	NA	NS	NS	NA	NS	All samples collected were voided due to out of temperature specification upon arrival at laboratory.
5/21/2012	51	NS	67/66d	0.81	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0029	NS	2012 Pre-Dredge Samples; Station 27 is a new location in 2012 season for eastern residential receptor.
10/11/2011	36	NS	NA		42	10	18	11	NS	NS	25	17	NS	NS	NS	420	18	NS	NS	0.29	NS	2011 Post-Dredge Operation
9/14/2011	480	NS	NA		120	29	61	93	NS	NS	220	0.62	NS	NS	460	28	57	NS	NS	NS	NS	2011 Hydraulic Dredging in Area N. Sample at Station 62 was tampered and not analyzed.
8/23/2011	280	NS	NA		60	80	94	NS	NS	NS	220/200d	16	NS	NS	1800	48	13	NS	NS	52	NS	2011 Hydraulic Dredging in Area K
7/26/2011	NS	NS	NA		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	51	Excavation of Area Q
7/13/2011	1100	NS	NA		130	40	43	43	NS	NS	78	110	NS	NS	1000/1100d	79	25	NS	NS	6.7	NS	2011 Hydraulic Dredging in Area K
5/25/2011	56	NS	NA		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	93/97d	NS	NS	NS	0.68	25	2011 Pre-Dredge Samples; Station 63 is a new location in 2011 season for Area Q
10/13/2010	80	NS	NA		36	9	7.4	21	NS	NS	24	4.4	NS	NS	NS	19	5.9	NS	NS	1.1	NS	2010 Post Dredge Operation
8/18/2010	1800	NS	NA		300	25	36	31	NS	NS	130	37	NS	NS	560/580d	200	11	NS	NS	13		2010 Hydraulic Dredging
7/20/2010	270	NS	NA		29	NS	26	47	NS	NS	79/73d	37.0	NS	NS	450	93	26	NS	NS	2.7		2010 Hydraulic Dredging
6/30/2010	120.0	NS	NA		7.3	0.0013	82.0	13	NS	NS	32	3.3	NS	NS	230	3.20	12.0	NS	NS	44/41d		2010 Pre-Dredge Samples
5/21/2010	86	NS	NA		NS	0.042	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND/NDd		After 2009 Dredge Operation
12/16/2009	3.3	NS	NA		0.134	23.8	9.12	0.171	NS	NS	1.78	NS	0.184	NS	NS	0.372/0.353d	0.63	NS	NS			2010 Pre-Dredge Samples
11/9/2009	45.2	NS	NA		20.4/31d	25.3	55.2	32.8	NS	NS	51.8	NS	2.92	NS	205.1	8.31	17.2	NS	NS			After 2009 Dredge Operation
10/14/2009	48.79	NS	NA		11.77	17.92	10.01	8.8/6.07d	NS	NS	13.26	NS	3.75	NS	0.13	10.00	2.62	NS	NS			2009 Hydraulic Dredging
9/17/2009	160	NS	NA		24	2.2	51	13	NS	NS	35	NS	42	NS	180	14	10/9.8d	NS	NS			2009 Hydraulic Dredging
8/13/2009	130	NS	NA		21	14	49	14	NS	NS	32	NS	31	NS	130	28/30d	20	NS	NS			2009 Hydraulic Dredging
7/13/2009	130	NS	NA		18	39	110	36	NS	NS	77/76d	NS	5.3	NS	290	7.4	6	NS	NS			2009 Hydraulic Dredging
6/16/2009	150	NS	NA		77	10	33	35	43	NS	NS	NS	32	NS	120	33	8.2	NS	NS			2009 Hydraulic Dredging
11/10/2008	NS	NS	NA		NS	NS	15	1.3	NS	NS	6.2	NS	ND	NS	NS	NS	NS	0.11	NS			After 2008 Dredge Operation
10/7/2008	NS	NS	NA		NS	NS	NS	5.2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			2008 Hydraulic Dredging
9/24/2008	NS	NS	NA		NS	NS	18	NS	NS	NS	42	NS	NS	NS	1.5	NS	NS	15.0	NS			2008 Hydraulic Dredging
8/21/2008	NS	NS	NA		NS	NS	31.66	121.94	NS	NS	123.4/116.4d	NS	2.85	NS	178.0	NS	NS	37.46	NS			2008 Hydraulic Dredging
7/16/2008	NS	NS	NA		NS	NS	NA	NS	NS	NS	NS	NS	NS	NS	NA	68.6	NS	NA	286.5			2008 Land-Based Excavation of Shoreline at Aerovox
7/8/2008	NS	NS	NA		NS	NS	NA	NS	NS	NS	NS	NS	NS	NS	NA	8.7	NS	NA	26.1			2008 Land-Based Excavation of Shoreline at Aerovox
6/25/2008	NS	NS	NA		NS	NS	NA	NS	NS	NS	NS	NS	NS	NS	NA	5.52	NS	NA	NS			2008 Land-Based Excavation of Shoreline at Aerovox
6/19/2008	NS	NS	NA		NS	NS	NA	NS	NS	NS	NS	NS	NS	NS	NA	8.9	NS	NA	NS			2008 Land-Based Excavation of Shoreline at Aerovox
6/12/2008	NS	NS	NA		NS	NS	NA	NS	NS	NS	NS	NS	NS	NS	NA	7.3	NS	NA	43.1			2008 Land-Based Excavation of Shoreline at Aerovox
6/8/2008	NS	NS	NA		NS	NS	NA	NS	NS	NS	NS	NS	NS	NS	NA	25.9	NS	NA	34.4			2008 Land-Based Excavation of Shoreline at Aerovox
11/9/2007	19.7	NS	20.2		NS	15.7	NA	1.86	9.29	NS	NS	NS	4.39	NS	NA	NS	NS	NA	NA			After 2007 Dredge Operation
9/18/2007	176	NS	120		NS	16.3	NA	21.4	57.1	NS	NS	48.7	NS	NS	130	NS	NS	NA	NA			2007 Hydraulic Dredging
8/21/2007	282	NS	147		NS	19.2	NA	36.1	46.9	NS	NS	36.7	NS	NS	138	NS	NS	NA	NA			2007 Hydraulic Dredging
11/19/2006	41.1	NS	0.14		NS	NS	NA	4.05	NS	NS	81.4	2.6	NS	NS	NA	NS	NS	NA	NA			After 2006 Dredge Operation
10/6/2006	2,357	NS	451		NS	NS	NA	108	NS	NS	157	NS	NS	197	13430	NS	NS	NA	NA			2006 Hydraulic Dredging
8/31/2006	1,629	NS	176		NS	NS	NA	70.4	39.2	NS	NS	NS	67.3	NS	2336	NS	NS	NA	NA			2006 Hydraulic Dredging
12/29/2005	83.2	NS	10.9		NS	21.4	NA	65.1	7.4	NS	NS	NS	2.2	NS	NA	10.8	13.5	NA	NA			After 2005 Dredge Operation
11/18/2005	15.9	NS	0.1		NS	63.6	NA	0.1	NS	0.1	3.7	NS	NS	NS	913.0	0.1	3.8	NA	NA			2005 Hydraulic Dredging
10/28/2005	15.4	NS	NS		NS	32.3	NA	2.1	NS	4.6	12.3	0.0	NS	NS	505.0	4.0	2.7	NA	NA			2005 Hydraulic Dredging
10/6/2005	1822.0	NS	251.0		NS	119.0	NA	130.0	NS	60.1	114.0	81.7	NS	NS	6315.0	222.0	180.0	NA	NA			2005 Hydraulic Dredging

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	24 Aerovox	25 Manomet	25 Cliftex	27 Porter	30 Fiber Leather	42 NSTAR North	43 Veranda	46 Coffin	Area C			Area D			53 Dredge	55 Aerovox West	56 Acushnet Park	57 Riverside Park				61 South Fence	
									47	48	49	50	51	52									
9/29/2005	383.0	NS	104.0		NS	5.3	NA	124.0	NS	17.3	44.2	24.2	NS	NS	391.0	87.0	77.9	NA	NA				
9/23/2005	178.0	NS	35.2		NS	83.3	NA	115.0	NS	19.1	97.0	0.3	NS	NS	780.0	2.6	23.9	NA	NA				
9/15/2005	1490.0	NS	58.2		NS	22.5	NA	99.8	NS	14.9	83.6	0.5	NS	NS	1280.0	37.6	102.0	NA	NA				
8/11/2005	216.0	NS	103.0		NS	25.9	NA	37.2	NS	NS	29.3	NS	NS	21.3	NA	42.1	49.9	NA	NA				
12/3/2004	30	NS	27		NS	40	NA	15	22	NS	26	22	NS	31	NA	9.33	1.52	NA	NA				
11/5/2004	578	NS	61		NS	73	NA	80	NS	NS	28	NS	NS	NS	351	28.42	39.08	NA	NA				
10/19/2004	559	NS	259		NS	NS	NA	36	47	48	66	17	74	100	704	NS	NS	NA	NA				
9/28/2004	9557	NS	423		NS	NS	NA	342	35	165	207	80	75	115	2734	NS	NS	NA	NA				
9/23/2004	588	NS	97		NS	NS	NA	5	7	10	17	6	5	19	1212	NS	NS	NA	NA				
9/14/2004	1449	NS	229		NS	NS	NA	48	64	64	86	38	39	61	98	NS	NS	NA	NA				
9/9/2004	1024	NS	167		NS	NS	NA	145	28	37	56	20	16	47	723	NS	NS	NA	NA				
6/29/2004	2286	NS	NS		NS	NS	NA	NS	NS	NS	NS	NS	56	NS	NA	NS	NS	NA	NA				
March-May 2000	76	NS	35		NS	29	NA	35	61	61	61	6.8	6.8	6.8	NA	NS	NS	NA	NA				
Dec 1999-Feb 2000	32	NS	3.2		NS	9.9	NA	3.2	89	89	89	3.4	3.4	3.4	NA	NS	NS	NA	NA				
Sept-Nov 1999	67	NS	22		NS	24	NA	22	43	43	43	5.9	5.9	5.9	NA	5.2	5.2	NA	NA				
June-August 1999	130	NS	46		NS	31	NA	46	33	33	33	12	12	12	NA	NS	NS	NA	NA				

Notes:
d = field duplicate result
NA = not analyzed
ng/m³ = nanograms per cubic meter of air
NS = not sampled
PCB = polychlorinated biphenyl
Station was not in air program during this timeframe.