

Table E-1
Ent Air Monitoring Program - Total Detectable PCB Homologues
New Bedford Harbor Superfund Site
Current as of 1/11/2016

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Sampling Date	PCB Concentration by Location (ng/m³ in 24-hour time-weighted average)																									Activity Period				
	24 Aerovox	25 Manomet	25 Cliftex	27 Porter	30 Fibre Leather	42 NSTAR North	43 Veranda	44 Taber	46 Coffin	Area C			Area D			53 Dredge	55 Aerovox West	56 Acushnet Park	57 Riverside Park	58 Pearl	59 Popes	60 Wash- burn	61 South Fence	62 Century House	63 Boathouse	64 Pilgrim	65 LHCC Dredge	66 Huddle- ston	67 Revere	
										47	48	49	50	51	52															
9/14/2011	480	NS	NS		120	29	61		93	NS	NS	220	0.62	NS	NS	460	28	57												
8/23/2011	280	NS	NS		60	80	94		NS	NS	NS	220/20 0d	16	NS	NS	1800	48	13												
7/26/2011	NS	NS	NS		NS	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS												
7/13/2011	1100	NS	NS		130	40	43		43	NS	NS	78	110	NS	NS	1000/11 00d	79	25												
5/25/2011	56	NS	NS		NS	NS	NS		NS	NS	NS	NS	NS	NS	NS	93/97d	NS													
10/13/2010	80	NS	NS		36	9	7.4		21	NS	NS	24	4.4	NS	NS	NS	19	5.9												
8/18/2010	1800	NS	NS		300	25	36		31	NS	NS	130	37	NS	NS	560/580d	200	11												
7/20/2010	270	NS	NS		29	NS	26		47	NS	NS	79/73d	37.0	NS	NS	450	93	26												
6/30/2010	120.0	NS	NS		7.3	0.0013	82.0		13	NS	NS	32	3.3	NS	NS	230	3.20	12.0												
5/21/2010	86	NS	NS		NS	0.042	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	ND/NDd												
5/13/2010	void	NS	NA		NS	void	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	void									2010 pre-dredge samples. Sample location at Century House Restaurant (#62) in Acushnet added at the direction of the EPA. Samples taken on 5/13/10 were damaged during shipment.	
12/16/2009	3.3	NS	NS		0.134	23.8	9.12		0.171	NS	NS	1.78	NS	0.18	NS	0.372/0.3 53d	0.63												2009 Post-Dredge Operation.	
11/9/2009	45.2	NS	NS		20.4/31d	25.3	55.2		32.8	NS	NS	51.8	NS	2.92	NS	205.1	8.31	17.2												
10/14/2009	48.79	NS	NS		11.77	17.92	10.01		0.070.0 7d	NS	NS	13.26	NS	3.75	NS	0.13	10.00	2.62												
9/17/2009	160	NS	NS		24	2.2	51		13	NS	NS	35	NS	42	NS	180	14	10/9.8d												
8/13/2009	130	NS	NS		21	14	49		14	NS	NS	32	NS	31	NS	130	28/30d	20												
7/13/2009	130	NS	NS		18	39	110		36	NS	NS	77/76d	NS	5.3	NS	290	7.4	6												
6/16/2009	150	NS	NS		77	10	33		35	43	NS	NS	32	NS	120	33	8.2													
11/10/2008	NS	NS	NS		NS	NS	15		1.3	NS	NS	6.2	NS	ND	NS	NS	NS	0.11										2008 Post-Dredge Operation.		
10/7/2008	NS	NS	NS		NS	NS	NS		5.2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS											
9/24/2008	NS	NS	NS		NS	NS	18		NS	NS	NS	42	NS	NS	NS	1.5	NS	NS	15.0										2008 Hydraulic Dredging.	
8/21/2008	NS	NS	NS		NS	NS	31.66		121.9	NS	NS	123.4/ 116.4d	NS	2.85	NS	178.0	NS	NS	37.46											
7/16/2008	NS	NS	NS		NS	NS			NS	NS	NS	NS	NS	NS	NS	NA	68.6	NS												
7/8/2008	NS	NS	NS		NS	NS			NS	NS	NS	NS	NS	NS	NS	NA	8.7	NS												
6/25/2008	NS	NS	NS		NS	NS			NS	NS	NS	NS	NS	NS	NS	NA	5.52	NS												2008 Land-Based Excavation of Shoreline at Aerovox. Sample Station 61 - South Fence was used only during the excavation timeframe.
6/19/2008	NS	NS	NS		NS	NS			NS	NS	NS	NS	NS	NS	NS	NA	8.9	NS												
6/12/2008	NS	NS	NS		NS	NS			NS	NS	NS	NS	NS	NS	NS	NA	7.3	NS												
6/8/2008	NS	NS	NA		NS	NS			NS	NS	NS	NS	NS	NS	NS	NA	25.9	NS												
11/9/2007	19.7	NS	20.2		NS	15.7			1.86	9.29	NS	NS	4.39	NS	NA	NS	NS												2007 Post-Dredge Operation.	
9/18/2007	176	NS	120		NS	16.3			21.4	57.1	NS	NS	48.7	NS	130	NS	NS												2007 Hydraulic Dredging	
8/21/2007	282	NS	147		NS	19.2			36.1	46.9	NS	NS	36.7	NS	138	NS	NS													
11/19/2006	41.1	NS	0.14		NS	NS			4.05	NS	NS	81.4	2.6	NS	NS	NA	NS	NS												

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Notes:

d = field duplicate result

P = Pending results

NA = sample collected but not analyzed

ng/m³ = nanograms per cubic meter of air

NS = not sampled

PCB = polychlorinated biphenyl

ND = no detections (non-detect)

Sample station with gray blocking is a newer station added to the air sampling program or discontinued station
(no activity).

