

Table E-1  
Ambient Air Monitoring Program - Total Detectable PCB Homologues  
New Bedford Harbor Superfund Site  
Current as of 12/08/2020

Sampling Date	PCB Concentration by Location (ng/m <sup>3</sup> in 24-hour time-weighted average) <sup>1</sup>																																					
	24 Aerovox	25 Manomet	25 Cliftex	27 Porter	30 Fibre Leather	42 STAR North	43 Veranda	44 Taber	45 Coffin	Area C			Area D			53 Dredge	55 Aerovox	56 Acushnet Park	57 Riverside Park	58 Pearl	59 Paper	60 Wash- burn	61 South Fence	62 Century House	63 Boathouse	64 Pilgrim	65 Luray/C Dredge	66 Huttle- ston	67 Revere	68 Marsh Island	69 North Street	74 Beach	75 Lecuyer	76 Lemmer North	77 Lemmer South	78 Howard	79 Ball Plant	
										47	48	49	50	51	52																							
11/19/20	25.6	NS		NS	NS	NS	NS	11.5	NS	<1.39<1. 39d	NS	NS	<1.39	NS	NS		NS	6.47						NS	6.07		<1.39	NS	NS	<1.39	31.1	2020 West Zone 1 remedial results						
10/19/20	28.2	NS		NS	NS	NS	NS	2.79	NS	21.8/22.4 d	NS	NS	12.7	NS	NS		NS	5.17						NS	1.88		13.9			16.3	27.8	NS	5.67	42.1	2020 West Zone 1 and East Zone 1 remedial results			
10/08/20	6.43	NS		NS	NS	NS	NS	<1.39	NS	1.60/1.3 9d	NS	NS	1.44	NS	NS		NS	1.82						NS	<1.39		<1.39			30.6	26.4	NS	<1.39	17.4	2020 West Zone 1 and East Zone 1 remedial results			
09/24/20	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		NS						NS					110	319	106			2020 East Zone 1 follow-up to 2nd trigger exceedance at #75 Lecuyer on 09/03/2020					
09/03/20	72.8	NS		NS	NS	30.7	25.6	10.1	20.4	18.2/15.4 d	NS	NS	10.7	NS	NS		NS						35.8		9.58		7.08			456					2020 Upper Harbor Post-dredging and East Zone 1 remedial results.			
08/06/20	92.6	67.1		NS	NS	122	30.0	13.8	34.2	22.6/27.6 d	NS	NS	11.1	NS	NS		NS						56.1		8.58		NA			44.0					2020 Upper Harbor Post-dredging and East Zone 1 remedial results. The duplicate at Station 47 (Area C) had lab QA issues and may be considered biased low. The sample from Station 67 (Revere) did not run for the minimum 12 hours to be submitted for analysis.			
07/07/20	97.8	40.8		NS	NS	8.81	8.17	14.4	34.9	4.0/74.40 d	NS	NS	8.75	NS	NS		NS						20.7		11.9		20.6			12.6					2020 Upper Harbor Post-dredging and East Zone 1 remedial results.			
06/02/20	60.6	29.9		NS	NS	13.7	16.8	18.3	NS	10.5/12.7 d	NS	NS	7.43	NS	NS		NS						61.1		14.3		7.85			14.0					2020 Upper Harbor Post-dredging and East Zone 1 remedial results.			
05/05/20	5.06	NS		NS	NS	21.7	NS	<1.39	NS	24.3/21.9 d	NS	NS	10.1	NS	NS		NS						8.04		<1.39		9.71			41.7					2020 East Zone 1 remedial results.			
04/06/20	26.0	NS		NS	NS	8.88	NS	3.08	NS	11.9/15.6 d	NS	NS	1.82	NS	NS		NS					<1.39		3.08		<1.39			13.0					2020 East Zone 1 remedial results.				
03/03/20	30.0	NS		NS	NS	6.99	8.65	22.4	8.22/9.64 d	NS	NS	8.35	NS	NS	39.5	NS							8.39	31.6	4.86										2019 Dredge Areas U and V remedial results.			
01/28/20	3.18	<1.39		<1.39	NS	NS	4.10	<1.39	<1.39	34.9/32.5	NS	NS	1.69	NS	NS	5.33	NS						1.89	13.7	<1.39										2019 Dredge Area S remedial results.			
12/18/19	150	<1.39		<1.39	NS	NS	8.07	<1.39	<1.39	<1.39<1. 39d	NS	NS	3.94	NS	NS	<1.39	NS						2.72	15.8	<1.39										2019 Dredge Area R and Veranda Inlet remedial results.			
11/19/19	244	5.47		<1.39	NS	NS	9.69	<1.39	<1.39	10.8/12.7 d	NS	NS	2.68	NS	NS	13.2	NS						<1.39	23.7	<1.39										2019 Dredge Area S and Pierce Mill Cove remedial results.			
10/28/19	139	20.7		<1.39	NS	NS	1.71	<1.39	4.08	8.53/8.11 d	NS	NS	7.99	NS	NS	6.39	NS						<1.39	6.32	6.39										2019 Dredge Area R and Pierce Mill Cove remedial results.			
10/01/19	79.3	36.0		2.89	16.9	18.1	27.5	16.3	9.31	2.36/9.26 d	NS	NS	11.1	NS	NS	14.9	NS						NS	19.3		<1.39									2019 Dredge Area L, P, and Pierce Mill Cove remedial results. First air monitoring event for mechanical dredging operation.			
08/19/19	19.3	58.2		24.3	NS	NS	20.7		37.2	18.9/48.1 d	NS	NS	30.3	NS	NS	130	NS						NS												2019 Dredge Area S remedial results. The pump for the duplicate on Station 47 only ran for 19 hours. Because the elapsed time was more than 50 percent of the total time, the sample was retained for analysis.			
07/25/19	51.5	54.7		17.2	NS	NS	18.2		29.9	47.1/47.5 d	NS	NS	20.1	NS	NS	230	NS						NS												2019 Dredge Area R remedial results.			
06/26/19	28.9	49.7		NS	30.0	18.9	9.18		NS	27.4/21.3 d	NS	NS	16.8	NS	NS	112	NS						NS												2019 Dredge Area L remedial event results.			
06/05/19	153	46.8		NS	49.7	29.6	35.8		NS	26.9/32.4 d	NS	NS	27.6	NS	NS	123	NS						NS												2019 Dredge Area L remedial event results.			
04/23/19	17.5	25.0		NS	18.5	7.17	4.44		NS	11.4/10.0 d	NS	NS	13.0	NS	NS	137	NS						NS												2019 Dredge Area H remedial event and Area L background event results.			
03/26/19	NS	26.7		NS	26.4	20.7	12.4		NS	9.8/12.50 d	NS	NS	6.13	NS	NS	59.0	NS						NS												2019 Dredge Area H remedial event results.			
02/26/19	NS	<1.39		NS	<1.39	40.4J	17.5		NS	<1.39<1. 39d	NS	NS	<1.39	NS	NS	NS	NS						NS												2019 Dredge Area H background monitoring event results.			
12/19/18	32.6	NS		NS	19.6	19.4	NS		NS	23.6/22.1 d	NS	NS	20.8	NS	NS	114	NS						15.0												2018 Dredge Areas I, N, & O remedial event and Aerox Capping remedial event results.			
11/28/18	<1.39	NS		NS	<1.39	17.6	NS		NS	<1.39<1. 39d	NS	NS	1.60	NS	NS	15.1	NS						3.88												2018 Dredge Areas I, N, & O remedial event and Aerox Capping remedial event results.			
10/24/18	3.3	NS		NS	<1.39	23.2	NS		NS	4.31/3.75 d	NS	NS	4.97	NS	NS	71.5	<1.39						<1.39												2018 Dredge Areas I, N, & O remedial event and Aerox Capping remedial event results.			
10/10/18	63.3	NS		NS	NS	NS	NS		NS	NS	NS	NS	NS	NS	NS	11.3/10.3d						42.1												2018 Aerox Capping remedial event results.				
09/24/18	74.0	NS		NS	34.9	17.9	NS		NS	37.5/32.4 d	NS	NS	31.4	NS	NS	146	NS						1.43												2018 Dredge Areas I, N, & O remedial event.			
08/24/18	123	NS		NS	32.9	39.4	NS		NS	31.5/15.4 d	NS	NS	23.5	NS	NS	141	NS						5.79												2018 Dredge Areas I, N, & O remedial event.			
07/24/18	317	NS		NS	264	8.21	NS		NS	135/143d	NS	NS	38.5	NS	NS	371	NS						16.7												2018 Dredge Areas I, N, & O remedial event and Between the Bridges remedial event.			
05/30/18	72.9	NS		NS	67.9	5.47	NS		NS	42.6/37.8 d	NS	NS	22.2	NS	NS	NS	NS						24.4												2018 Dredge Areas I,N,&O background event.			

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	Area C		Area D		Area E		Area F		Area G		Area H		Area I		Area J		Area K		Area L		Area M		Area N		Area O		Area P		Area Q		Area R					
	24 Aerovox	25 Marmonet	25 Cliftex	27 Porter	30 Fibre	42 North	43 Veranda	44 Taber	45 Coffin	47	48	49	50	51	52	53 Dredge	55 Aerovox	56 Acushnet	57 Riverside	58 Pearl	59 Paper	60 Wash-burn	61 South	62 Century	63 Boathouse	64 Pilgrim	65 UHCC	66 Huttleston	67 Revere	68 Marsh	69 North	74 Beach	75 Lecuyer	76 Lower North	77 Lower South	78 Howard
6/12/2009	159	NS	NS	77	10	33	35	45	NS	NS	NS	32	NS	150	33	8.2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
11/12/2008	NS	NS	NS	NS	NS	15	13	NS	6.2	NS	NS	NS	NS	NS	NS	NS	0.11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
10/7/2008	NS	NS	NS	NS	NS	NS	5.2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
9/24/2008	NS	NS	NS	NS	NS	18	NS	NS	42	NS	NS	NS	1.5	NS	NS	NS	15	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
8/21/2008	NS	NS	NS	NS	31.7	122	NS	123/11	NS	2.85	NS	178	NS	NS	37.5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
7/16/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	68.6	NS	287	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
7/8/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	8.7	NS	26.1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
6/25/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5.52	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
6/19/2008	9	NS	NS	NS	NS	9	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	9	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
6/12/2008	NS	NS	NS	NS	NS	128	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	7.3	NS	43.1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
6/8/2008	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	25.9	NS	34.4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
11/19/2007	19.7	NS	20.2	NS	15.7	1.86	9.29	NS	NS	4.39	NS	NA	NS	NS	NS	NS	21.4	57.1	NS	NS	130	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
9/18/2007	176	NS	120	NS	16.3	21.4	57.1	NS	NS	48.7	NS	NS	130	NS	NS	NS	21.4	57.1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
9/16/2007	7.45	NS	7.47	NS	7.42	8.0	41.0	NS	NS	10.0	NS	NS	10.0	NS	NS	NS	7.45	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
11/19/2006	41.1	NS	0.14	NS	NS	4.05	NS	NS	1.81	4.2	2.6	NS	NS	NA	NS	NS	NS	197	13,400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
10/9/2006	2,360	NS	451	NS	108	NS	NS	NS	157	NS	197	NS	NS	197	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
8/31/2006	1,630	NS	176	NS	NS	70.4	38.2	NS	NS	67.3	NS	2,340	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
12/29/2005	83.2	NS	10.9	NS	21.4	65.1	7.42	NS	NS	NS	21.8	NS	NA	10.8	13.5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
11/19/2005	17.9	NS	0.12	NS	NS	0.14	NS	0.18	NS	0.14	NS	NS	NS	NS	NS	NS	0.12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
10/20/2005	16.4	NS	1.65	NS	NS	33.3	1.06	NS	4.61	12.3	0.01	NS	NS	506	1.37	2.73	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
10/6/2005	1,820	NS	251	NS	119	133	NS	60.1	114	81.7	NS	NS	6,320	222	222	180	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
9/25/2005	383	NS	104	NS	5.28	124	NS	17.3	44.2	24.2	NS	NS	391	87	77.9	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
9/23/2005	178	NS	35.2	NS	83.3	115	NS	19.1	97	0.26	NS	NS	780	2.64	23.8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
9/21/2005	1,160	NS	85.2	NS	25.5	89.1	14.8	0.36	0.36	0.36	NS	NS	1,028	7.08	10.8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
8/11/2005	216	NS	103	NS	32.2	NS	NS	29.3	NS	NS	213	NA	42.1	49.9	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
12/5/2004	30	NS	27	NS	40	15	22	NS	26	22	NS	31	NA	9.33	1.52	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
11/5/2004	578	NS	61	NS	73	80	NS	28	NS	NS	351	28.4	39.1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
10/15/2004	551	NS	259	NS	NS	36	47	48	66	17	74	100	704	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
9/26/2004	1,560	NS	123	1.25	NS	342	8.36	165	35.7	35.6	15.1	37.2	240	1.19	1.210	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
9/23/2004	568	NS	97	NS	NS	5	7	10	17	6	6	19	-1.210	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
9/14/2004	1,450	NS	229	NS	NS	48	64	64	88	38	39	61	98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
9/9/2004	1,020	NS	167	NS	NS	145	28	37	56	20	16	47	723	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
9/25/2004	2,290	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
June-August 2000	7	NS	35	NS	29	31	61	61	61	6.8	6.8	6.8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Dec 1999-Feb 2000	32	NS	3.2	NS	9.9	3.2	89	89	89	3.4	3.4	3.4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Sept-Nov 1999	67	NS	22	NS	24	22	43	43	43	5.9	5.9	5.9	5.2	5.2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
June-August 1999	130	NS	46	NS	31	46	33	33	33	12	12	12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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

P = Pending results

<sup>a</sup>24-hour time-weighted average does not apply to Stations #53 and #65 (dredge/barge) which are on a 8-hr collection period

Station	Location
24	Aerovox
25	Manomet
27	Porter
30	Fibre Leather
42	NSTAR N
43	Veranda
44	Taber
46	Coffin
47	Area C Downwind
50	Area D Downwind
53	Dredge
55	Aerovox West
56	Acushnet Park
57	Riverside Park
58	Pearl
59	Popes
60	Washburn
62	Century House
64	Pilgrim
65	CAD Cell Dredge
66	Huttleston
67	Revere
68	Marsh Island
69	North Street
74	Beach Street
75	Lecuyer
76	Lecuyer North
77	Lecuyer South
78	Howard
79	Ball Plant

