

Table E-1  
 Ambient Air Monitoring Program - Total Detectable PCB Homologues  
 New Bedford Harbor Superfund Site  
 Current as of 12/09/2020

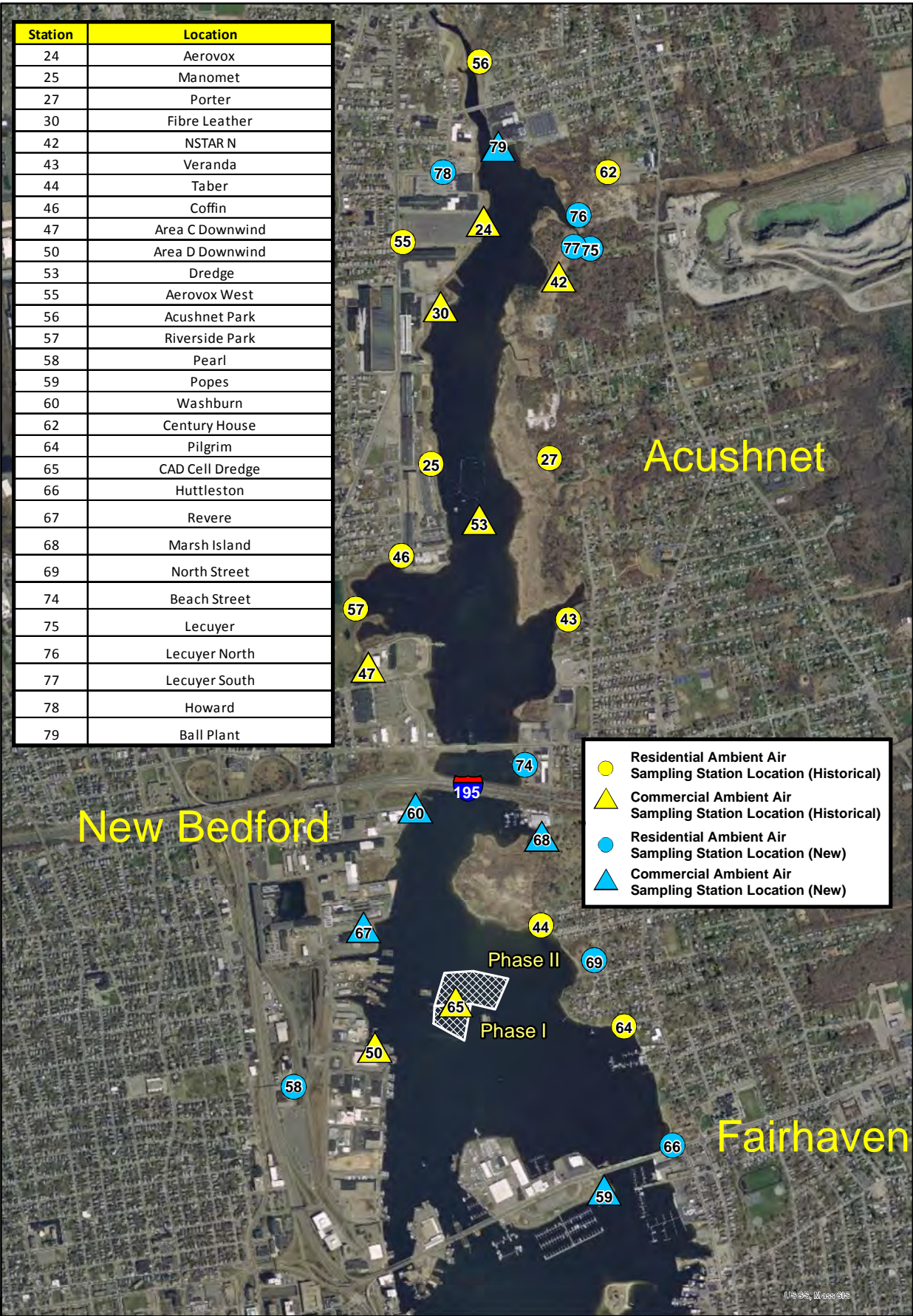
Sampling Date	PCB Concentration by Location (ng/m <sup>3</sup> in 24-hour time-weighted average) <sup>1</sup>																																					
	24 Aerovox	25 Manomet	25 Clifton	27 Porter	30 Fibre Leather	42 NSTAR North	43 Veranda	44 Taber	46 Coffin	Area C			Area D			53 Dredge	55 Aerovox West	56 Acushnet Park	57 Riverside Park	58 Pearl	59 Pops	60 Washburn	61 South Fence	62 Century House	63 Boathouse	64 Pilgrim	65 LWHC Dredge	66 Huttleston		67 Revere	68 Marsh Island	69 North Street	74 Beach St	75 Lecuyer	76 Lecuyer North	77 Lecuyer 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	<1.38<sup>1.39d</sup>	NS	NS	<1.39	NS	NS	6.47							NS		6.07			<1.39					NS	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<sup>22.4 d</sup>	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	1.69<sup>1.39 d</sup>	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	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<sup>15.4 d</sup>	NS	NS	10.7	NS	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	22.67<sup>26 d</sup>	NS	NS	11.1	NS	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 lip OA 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	4.07<sup>4.40 d</sup>	NS	NS	8.75	NS	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<sup>12.7 d</sup>	NS	NS	7.43	NS	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<sup>19 d</sup>	NS	NS	10.1	NS	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	11.5<sup>15.6 d</sup>	NS	NS	1.82	NS	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	NS	8.22<sup>9.64 d</sup>	NS	NS	8.35	NS	NS	38.5	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<sup>32.5 d</sup>	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	<1.38<sup>1.39d</sup>	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<sup>12.7 d</sup>	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<sup>6.11 d</sup>	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<sup>9.26 d</sup>	NS	NS	11.1	NS	NS	14.9	NS					NS		19.3			<1.39									2019 Dredge Area L, R, 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<sup>48.1 d</sup>	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<sup>47.5 d</sup>	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<sup>21.3 d</sup>	NS	NS	16.8	NS	NS	112	NS						NS														2019 Dredge Area L remedial event results.	
05/05/19	153	46.8		NS	49.7	29.6	35.8		NS	26.9<sup>32.4 d</sup>	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<sup>10.0 d</sup>	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	9.61<sup>2.50 d</sup>	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	<1.38<sup>1.39d</sup>	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<sup>22.1 d</sup>	NS	NS	20.8	NS	NS	114	NS						15.0														2018 Dredge Areas I, N, & O remedial event and Aeroxox Capping remedial event results.	
11/28/18	<1.39	NS		NS	<1.39	17.6	NS		NS	<1.38<sup>1.39d</sup>	NS	NS	1.60	NS	NS	15.1	NS						3.88														2018 Dredge Areas I, N, & O remedial event and Aeroxox Capping remedial event results.	
10/24/18	3.3	NS		NS	<1.39	23.2	NS		NS	4.31<sup>3.75 d</sup>	NS	NS	4.97	NS	NS	71.5	<1.39						<1.39														2018 Dredge Areas I, N, & O remedial event and Aeroxox Capping remedial event results.	
10/10/18	63.3	NS		NS	NS	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	11.3<sup>10.3d</sup>						42.1														2018 Aeroxox Capping remedial event results.	
09/24/18	74.0	NS		NS	34.9	17.9	NS		NS	37.5<sup>32.4 d</sup>	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<sup>15.4 d</sup>	NS	NS	23.5	NS	NS	141	NS						5.79														2018 Dredge Areas I, N, & O remedial event.	
07/24/18	317	NS		NS	284	8.21	NS		NS	135<sup>143d</sup>	NS	NS	38.5	NS	NS	371	NS						16.7								40.7					2018 Dredge Areas I, N, & O remedial event and Between the Beldeges remedial event.		
05/30/18	72.9	NS		NS	67.9	5.47	NS		NS	42.6<sup>37.8 d</sup>	NS	NS	22.2	NS	NS	NS	NS						24.4														2018 Dredge Areas I,N,&O background event.	



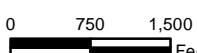







Station	Location
24	Aerovox
25	Manomet
27	Porter
30	Fibre Leather
42	NSTAR N
43	Veranda
44	Taber
46	Coffin
47	Area C Downwind
50	Area D Downwind
53	Dredge
55	Aerovox West
56	Acushnet Park
57	Riverside Park
58	Pearl
59	Popes
60	Washburn
62	Century House
64	Pilgrim
65	CAD Cell Dredge
66	Huttleston
67	Revere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



<b>Legend</b>  EPA CAD CELL	Aerial Photography MASSGIS 2014   1:21,600	 Available Ambient Air Sampling Station Locations New Bedford Harbor Superfund Site <small>NAME: jacobso Date: 10/19/2023</small> Figure
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