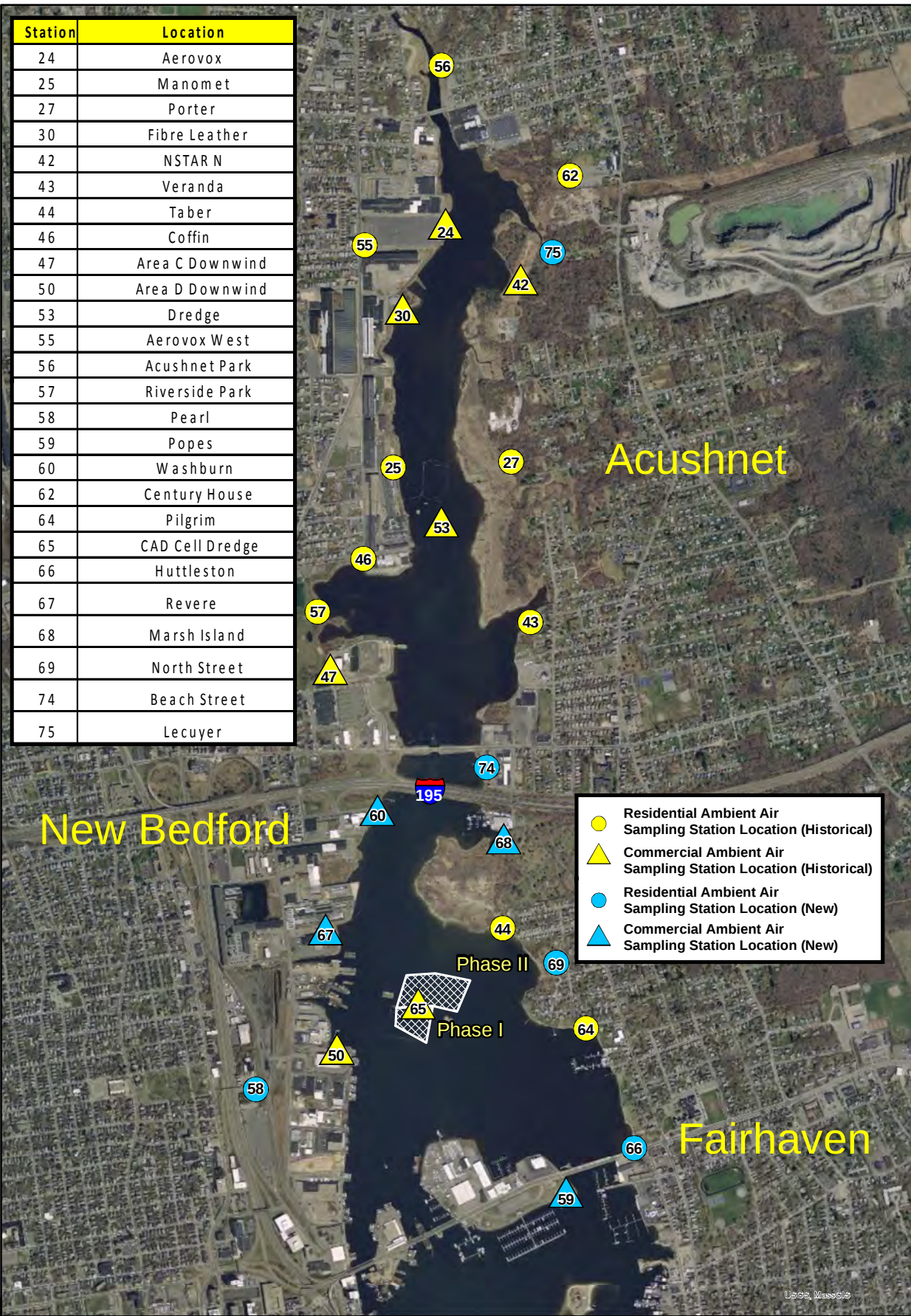


Table E-1
Ambient Air Monitoring Program - Total Detectable PCB Homologues
New Bedford Harbor Superfund Site
Current as of 08/10/2020

Sampling Date	PCB Concentration by Location (ng/m ³ in 24-hour time-weighted average) ¹																																	
	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 Washburn	61 South Fence	62 Century House	63 Boathouse	64 Pilgrim	65 LHCC Dredge	66 Huttleston	67 Revere	68 Marsh Island		69 North Street	74 Beach St	75 Lecuyer
										47	48	49	50	51	52																			
03/27/18	NS	41.5		6.79	22.9	12.2	11.1	11.7	NS	19.0	NS	NS	21.5/24.3d	NS	NS	611	NS			NS	NS	19.1				NS	NS	NS	NS		NS			2018 Cable Crossing and Between the Bridges remedial events. The pump on Station 65–Lower Harbor Dredge, stopped prematurely and did not run long enough to collect a valid sample.
02/21/18	NS	NS		NS	NS	NS	5.21	4.03	NS	17.2	NS	NS	17.8	NS	NS	NS	NS			3.56	4.53	12.3				5.18	12.7	3.53	1.89		NS			2018 Lower Harbor Best Value remedial event. The pump for the duplicate sample at Station #47 did not run for the prescribed period and the sample was not submitted for analysis.
01/25/18	NS	NS		NS	NS	NS	<1.39	<1.39	NS	<1.39/<1.39d	NS	NS	<1.39	NS	NS	NS	NS			<1.39	<1.39	<1.39				<1.39	<4.50	<1.39	<1.39		<1.39			2018 Lower Harbor Best Value remedial event. This event also included a background sample for Station 69-North Street to support remediation of the North Street Salt Marsh.
12/19/17	NS	NS		NS	NS	NS	27.8	9.64	NS	9.39/12.6d	NS	NS	11.2	NS	NS	NS	NS			<1.39	2.82	<1.39				14.2	4.87	12.6	<1.39					2017 Lower Harbor Best Value remedial event.
12/13/17	NS	<1.39		8.1	2.0	13	NS	NS	NS	1.4/<1.39d	NS	NS	9.6	NS	NS	191	NS			NS	NS	NS				NS	NS	NS	NS					2017 Cable Crossing remedial event.
11/28/17	NS	NS		NS	NS	NS	11	22	NS	48/29d	NS	NS	6.8	NS	NS	NS	NS			18	5.2	13				1.7	6.5	2.5	9.3					2017 Lower Harbor Best Value remedial event.
11/15/17	NS	29		1.5	43	4.8	NS	NS	NS	31/34d	NS	NS	25	NS	NS	825	NS			NS	NS	NS				NS	NS	NS	NS					2017 Cable Crossing remedial event.
10/23/17	NS	NS		NS	NS	NS	5	24	NS	75/120d	NS	NS	32	NS	NS	NS	NS			5	22	97				16	45	2	35					2017 Lower Harbor Best Value remedial event.
10/19/17	NS	34		23	22	28	NS	NS	NS	29	NS	NS	15	NS	NS	171	NS			NS	NS	NS				NS	NS	NS	NS					2017 Cable Crossing remedial event. The duplicate sample for Station 47–Area C did not run longer than 12 hours and was not sent to the laboratory for analysis.
09/26/17	NS	NS		NS	NS	NS	34	6	NS	42.9/25d	NS	NS	46	NS	NS	NS	NS			6	13	48				15	33	ND	26					2017 Lower Harbor Best Value remedial event.
09/13/17	NS	82		35	41	30	NS	NS	NS	8/15d	NS	NS	16	NS	NS	NS	NS			NS	NS	NS				NS	NS	NS	NS					2017 Cable Crossing background event.
08/24/17	NS	NS		NS	NS	NS	NS	7.57/24.4d	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	3.82				NS	NS	NS	16.9	38.6				2017 Marsh Island Excavation results.
07/19/17	NS	NS		NS	NS	NS	70.8	21.1	NS	34.2/18.8d	NS	NS	9.38	NS	NS	NS	NS			14.0	13.0	44.7				42.4	NS	26.8	17.6	49.4				2017 Lower Harbor Best Value/Marsh Island background event. Station 50 Area D ran for 878 minutes, but was retained because it ran for more than 12 hours.
04/03/17	NS	4.79		ND _R	NS	NS	3.60	ND _R	2.54	2.88	NS	NS	ND _R	NS	NS	ND _R	NS			ND _R	3.01	ND _R				ND _R	NS	ND _R	ND _R					2017 Upper Harbor Dredging-Lower Harbor CAD Cell filling. The pump at Area D failed by mid-afternoon. The pump used on the dredge was removed after 8 hours and placed at Area D. Both Area D and the dredge were monitored for their full time intervals. The pump for the duplicate at Area C shut down sometime after inspection. Because it didn't run for at least 12 hours, the sample was discarded. Due to a laboratory error, all ND results (less than 1.39 ng/m ³) were rejected as a result of data validation. These are indicated by ND _R .
03/29/17	NS	NS		NS	NS	NS	5.94	NS	ND	7.15/7.67d	NS	NS	NS	NS	NS	NS	NS			ND	NS	NS	NS			NS	NS	NS	NS					2017 Upper Harbor Excavation PMC results.
03/08/17	NS	6.92		11.5	NS	NS	29.9	2.00	15.2	<1.37/<1.39d	NS	NS	<1.39	NS	NS	71.9	NS			<1.39	<1.39	<1.38				12.8	NS	5.35	<1.39					2017 Upper harbor dredging lower harbor CAD cell placements. Note Pearl (#58) pump had stopped in mid-collection. The dredge pump (#53) had only run for 40 minutes prior to shutdown. The dredge pump (#53) was placed at #58 Pearl for remainder of day to collect a 6.5 m ³ sample. The dredge pump (#53) was placed onboard the dredge the following day (3/9/17) to collect a total sample of 2.15 m ³ . This was also the first round that was analyzed entirely by the low resolution mass spec method.
02/23/17	NS	NS		NS	NS	NS	4.01	NS	22.7	2.38	NS	NS	NS	NS	NS	NS	NS			1.68	NS	NS	NS			NS	NS	NS	NS					2017 Upper Harbor Excavation PMC results. The duplicate pump for Station #47 Area C failed and no duplicate sample was submitted for analysis.
01/25/17	NS	4.53		2.57	NS	NS	11.4	2.67	9.41	2.43 / 2.65d	NS	NS	2.66	NS	NS	6.35	NS			NS	0.803	NS	6.58			2.91	NS	3.84	3.07					2017 Upper harbor dredging lower harbor CAD cell placements.
01/12/17	NS	NS		NS	NS	NS	18.2	NS	15.9	1.90/1.90d	NS	NS	NS	NS	NS	NS	NS			<0.061	NS	NS	NS			NS	NS	NS	NS					2017 Upper Harbor Excavation PMC results.
12/06/16	NS	NS		NS	NS	NS	3.56	0.679	NS	5.32/5.10d	NS	NS	5.41	NS	NS	NS	NS			NS	NS	1.57	6.08			1.14	11.7	0.48	4.86					2016 Lower Harbor Dredging in Moby Dick Marina Area A36.
12/01/16	NS	NS		NS	NS	NS	19.7	NS	1.04	1.10 / 1.21d	NS	NS	NS	NS	NS	NS	NS			0.0007	NS	NS	NS			NS	NS	NS	NS					2016 Upper Harbor Excavation PMC results.
11/10/16	NS	NS		NS	NS	NS	13.7	NS	4.72	1.64/1.63d	NS	NS	NS	NS	NS	NS	NS			0.658	NS	NS	NS			NS	NS	NS	NS					2016 Upper Harbor Pre- excavation PMC results.
11/07/16	NS	NS		NS	NS	NS	6.26	4.07	NS	3.38	NS	NS	5.82/3.75d	NS	NS	NS	NS			0.416	3.55	7.29				2.10	3.19	NS	5.57					2016 Lower Harbor Dredging in Area A34. Dredge was sampled.

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



Legend

EPA CAD CELL

Aerial Photography MASSGIS 2014

0 750 1,500

Feet

N

1:21,600

Available Ambient Air
Sampling Station
Locations
New Bedford Harbor Superfund Site

NAME: jacobson Date: 4/15/2005 Figure

Path: Y:\NBH\Projects\3585\1001202041\BAGGS\NBH-ambient-sampling-satons-2000415.mxd