

Table E-1
Ambient Air Monitoring Program - Total Detectable PCB Homologues

Sampling Date	PCB Concentration by Location (ng/m ³ in 24-hour time-weighted average) ¹																									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 Washburn	61 South Fence	62 Century House	63 Boathouse	64 Pilgrim	65 LHCC Dredge	66 Huttleston	67 Revere
01/25/17	NS	4.53		2.58	NS	NS	11.4	2.69	9.41	2.43 / 2.64d	NS	NS	2.67	NS	NS	6.35	NS		NS	0.815	NS	6.58			2.91	NS	3.84	3.09	2017 Upper harbor dredging lower harbor CAD cell placements. Unvalidated results.
01/12/17	NS	NS		NS	NS	NS	18.3	NS	16.1	1.94/1.93 d	NS	NS	NS	NS	NS		NS	0.183	NS	NS	NS			NS	NS	NS	NS	2017 Upper Harbor Excavation PMC results. Unvalidated results	
12/06/16	NS	NS		NS	NS	NS	3.56	0.679	NS	5.32/5.10 d	NS	NS	5.41	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	1.05	1.11 / 1.21d	NS	NS	NS	NS	NS		NS	0.173	NS	NS	NS			NS	NS	NS	NS	2016 Upper Harbor Excavation PMC results. Unvalidated results	
11/10/16	NS	NS		NS	NS	NS	13.7	NS	4.72	1.64/1.63 d	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.	
10/19/16	NS	NS		NS	NS	NS	85.2	18.2	NS	26.2	NS	NS	21.1/24.4d	NS	NS	NS	NS		3.89	13.0	30.2			10.6	17.1	NS	22.9	2016 Lower Harbor Dredging in Area A34. Dredge was sampled.	
09/20/16	NS	NS		NS	NS	NS	35.3	18.9	NS	21.4	NS	NS	20.6/22.0d	NS	NS	NS	NS		2.50	NS	59.5			15.7	37.4	NS	25.9	2016 Lower Harbor Dredging in Area A34. Dredge was sampled.	
08/18/16	NS	NS		NS	NS	NS	97.6	19.1	NS	17.1/17.1 d	NS	NS	6.56	NS	NS	NS	NS		3.24	10.5	12.6			11.6	30.1	11.6	9.95	2016 Lower Harbor Dredging in Area 35B. Dredge was sampled.	
08/11/16	NS	61.1		32.2	35.2/39.2d	35.6	NS	NS	NS	NS	NS	NS	NS	704	NS			NS	NS	NS			NS	NS	NS	NS	2016 Upper Harbor Debris Removal. Debris Barge was sampled.		
07/27/16	NS	NS		NS	NS	NS	42.9	23.7	NS	18.1/16.5 d	NS	NS	12.3	NS	NS	NS	NS		0.416	7.36	32.4			11.1	83.1	6.42	13.4	2016 Lower Harbor Dredging. Dredge was sampled.	
07/20/16	NS	95.1		22.8	56.9/52.0 d	33.2	NS	NS	25.3	NS	NS	NS	NS	NS	513	NS			NS	NS	NS			NS	NS	NS	NS	2016 Upper Harbor Debris Removal. Debris Barge was sampled.	
06/27/16	NS	NS		NS	NS	NS	21.8	32.8	NS	14.4/13.4 d	NS	NS	8.15	NS	NS	NS	NS		0.473	9.53	48.6			13.92	63.0	6.63	8.96	2016 Lower Harbor Debris Removal. Debris Barge was sampled.	
06/13/16	NS	10.0		14.4	NS	NS	36.5	NS	0.630	6.37/5.45 d	NS	NS	NS	NS	47.1	NS			NS	NS	NS			NS	NS	NS	NS	2016 Upper Harbor Debris Removal. Debris Barge was sampled.	
05/23/16	NS	NS		NS	NS	NS	11.9	1.88	NS	28.2	NS	NS	23.8/24.0d	NS	NS	NS	NS		5.59	3.38	22.1			3.93	15.1	1.32	21.9	2016 Lower Harbor Debris Removal. Debris Barge was sampled.	
05/16/16	NS	5.89		11.8	NS	NS	41.7	NS	3.96	3.86/2.40 d	NS	NS	NS	NS	34.9	NS			NS	NS	NS			NS	NS	NS	NS	2016 Upper Harbor Debris Removal. Debris Barge was sampled.	
04/25/16	NS	NS		NS	NS	NS	10.9	6.02	NS	14.7	NS	NS	6.55/6.46d	NS	NS	NS	NS		2.26	7.43	11.6			6.28	8.57	3.43	6.04	2016 Lower Harbor Dredging and Debris Removal. Dredge was sampled.	
03/22/16	NS	NS		NS	NS	NS	12.6	7.48	NS	2.38/2.16 d	NS	NS	0.578	NS	NS	NS	NS		0.0804	2.53	0.553			6.38	8.81	5.25	0.379	2016 Lower Harbor Dredging and Debris Removal. Dredge was sampled.	
02/18/16	NS	NS		NS	NS	NS	4.88	1.34	0.114	2.69	NS	NS	0.979/1.13d	NS	NS	NS	NS		0.00	1.33	1.10			0.864	3.36	1.62	0.870	2016 Combined Lower Harbor Dredging and Parcel 265 Excavation monitoring events.	
01/26/16	NS	NS		NS	NS	NS	14.1	4.39	NS	4.82	NS	NS	0.867/1.08d	NS	NS	NS	NS		0.208	2.04	0.965			4.75	NS	2.07	0.278	2016 Lower Harbor Debris Removal only.	
01/21/16	NS	NS		NS	NS	NS	2.81	0.787	0.076	0.916	NS	NS	NS	NS	NS	NS	NS		NS	NS	0.071			NS	NS	NS	NS	2016 Parcel 265 Excavation air monitoring event. Pump #21 stopped at 1033.	
01/18/16	0.216	0.329		NS	0.0185	11.9	1.68	0.496	0.138	0.298	NS	NS	0.102/0.117 d	NS	NS	NS	0.00348		NS	NS	NS			1.87	NS	NS	NS	2016 Upper Harbor Post-Dredge Sampling Event. Location #27 Porter not sampled due to lack of access caused by snow.	
12/15/15	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	5.12	NS	NS	NS	NS		0.707	NA	4.55			6.35	13.5/13.2d	13.4	1.47	2015 Lower Harbor Debris Removal only. Location #59 Popes was collected but the media was found lying on the ground so it was not analyzed. Strong winds were experienced during most of the evening.	
11/18/15	14.6	NS		NS	12.6	4.13	NS	3.11	6.27	14.0	NS	NS	13.7	NS	NS	35.4/38.4 d	2.30		NS	NS	NS			2.13	NS	NS	NS	2015 Hydraulic Dredging in Upper Harbor Area T.	
11/02/15	NS	NS		NS	NS	NS	NS	13.2	NS	NS	NS	NS	34.9	NS	NS	NS	NS		5.68	9.72	25.4			12.8	NS	10.9	23.5	2015 Lower Harbor Pre-debris removal.	
10/14/15	22.6	16.4		17.4	4.48	13.0	42.8	19.5	7.32	23.6	NS	NS	17.4	NS	NS	186	0.352						11.4				2015 Hydraulic Dredging in Upper Harbor - Area S; Samples 25, 27, 30, 42, 55 and one blank analyzed on 10 day TAT for submarine power cable removal activities. The pump for the duplicate sample at Station #50 - Area D failed to run the equivalent time of the primary sample and was voided.		

