

Table E-1  
Ambient Air Monitoring Program - Total Detectable PCB Homologues  
New Bedford Harbor Superfund Site  
Current as of 09/09/2019

| Sampling Date | PCB Concentration by Location<br>(ng/m <sup>3</sup> in 24-hour time-weighted average) <sup>1</sup> |            |            |           |                  |                |            |             |           |              |    |    |            |    |    |           |                 |                  |                   |          |          |             |                |                  |              |            |                |               |       |           |                 |                 |                                                                                                                                                                                                                 |
|---------------|----------------------------------------------------------------------------------------------------|------------|------------|-----------|------------------|----------------|------------|-------------|-----------|--------------|----|----|------------|----|----|-----------|-----------------|------------------|-------------------|----------|----------|-------------|----------------|------------------|--------------|------------|----------------|---------------|-------|-----------|-----------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               | 24 Aerovox                                                                                         | 25 Manomet | 25 Cliffex | 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                                                                                                                                                                                                     |
|               |                                                                                                    |            |            |           |                  |                |            |             |           | 47           | 48 | 49 | 50         | 51 | 52 |           |                 |                  |                   |          |          |             |                |                  |              |            |                |               |       |           |                 |                 |                                                                                                                                                                                                                 |
| 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        | 9.61/2.50 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 Drege Areas I, N, & O remedial event and Aerovox 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 Drege Areas I, N, & O remedial event and Aerovox 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 Drege Areas I, N, & O remedial event and Aerovox Capping remedial event results.                                                                                                                           |
| 10/10/18      | 63.3                                                                                               | NS         |            | NS        | NS               | NS             | NS         |             | NS        | NS           | NS | NS | NS         | NS | NS | NS        | 11.3/10.3d      |                  |                   |          |          |             |                | 42.1             |              |            |                |               |       |           |                 |                 | 2018 Aerovox 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 Drege 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 Drege 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             |              |            |                |               |       |           | 40.7            |                 | 2018 Drege Areas I, N, & O remedial event and Between the Beidges 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.                                                                                                                                                                      |
| 05/17/18      | NS                                                                                                 | NS         |            | NS        | NS               | NS             | NS         | 14.0/18.3 d | NS        | NS           | NS | NS | NS         | NS | NS | NS        | NS              |                  |                   |          |          |             |                | 7.71             | NS           | NS         | 22.2           |               | 7.93  |           |                 |                 | 2018 North Street Salt Marsh remedial event.                                                                                                                                                                    |
| 04/23/18      | NS                                                                                                 | 31.3       |            | 7.4       | 46.8             | 16.3           | NS         | NS          | NS        | 38.5/42.4 d  | NS | NS | 16.4       | NS | NS | 82.3      | NS              |                  |                   |          |          |             |                | NS               | NS           | NS         | NS             |               | NS    |           |                 |                 | 2018 Cable Crossing remedial event.                                                                                                                                                                             |
| 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        | 9.39/12.6 d  | 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/<1.39 d  | 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.                                                                                                                                                                    |

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|---------------|----------------------------------------------------------------------------------------------------|------------|-------------|-----------------|------------------|----------------|------------|-----------------|-----------|------------------|----|----|-----------------|----|----|-----------------|-----------------|------------------|-------------------|-----------------|----------|-----------------|----------------|------------------|--------------|-----------------|----------------|-----------------|-----------------|-----------|-----------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               | 24 Aerovox                                                                                         | 25 Manomet | 25 Clifftex | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                            |
|               |                                                                                                    |            |             |                 |                  |                |            |                 |           | 47               | 48 | 49 | 50              | 51 | 52 |                 |                 |                  |                   |                 |          |                 |                |                  |              |                 |                |                 |                 |           |                 |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                            |
| 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 <sub>R</sub> | NS               | NS             | 3.60       | ND <sub>R</sub> | 2.54      | 2.88             | NS | NS | ND <sub>R</sub> | NS | NS | ND <sub>R</sub> | NS              |                  |                   | ND <sub>R</sub> | 3.01     | ND <sub>R</sub> |                |                  |              | ND <sub>R</sub> | NS             | ND <sub>R</sub> | ND <sub>R</sub> |           |                 |                 | 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 <sup>3</sup> ) were rejected as a result of data validation. These are indicated by ND <sub>R</sub> . |                                                                                                                                                            |
| 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/<br><1.39d | NS | NS | <1.39           | NS | NS | 71.9            | NS              |                  | 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 <sup>3</sup> 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 <sup>3</sup> . 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                            |
| 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        | 17.1/17.1d       | 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              | 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        | 18.1/16.5d       | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                            |

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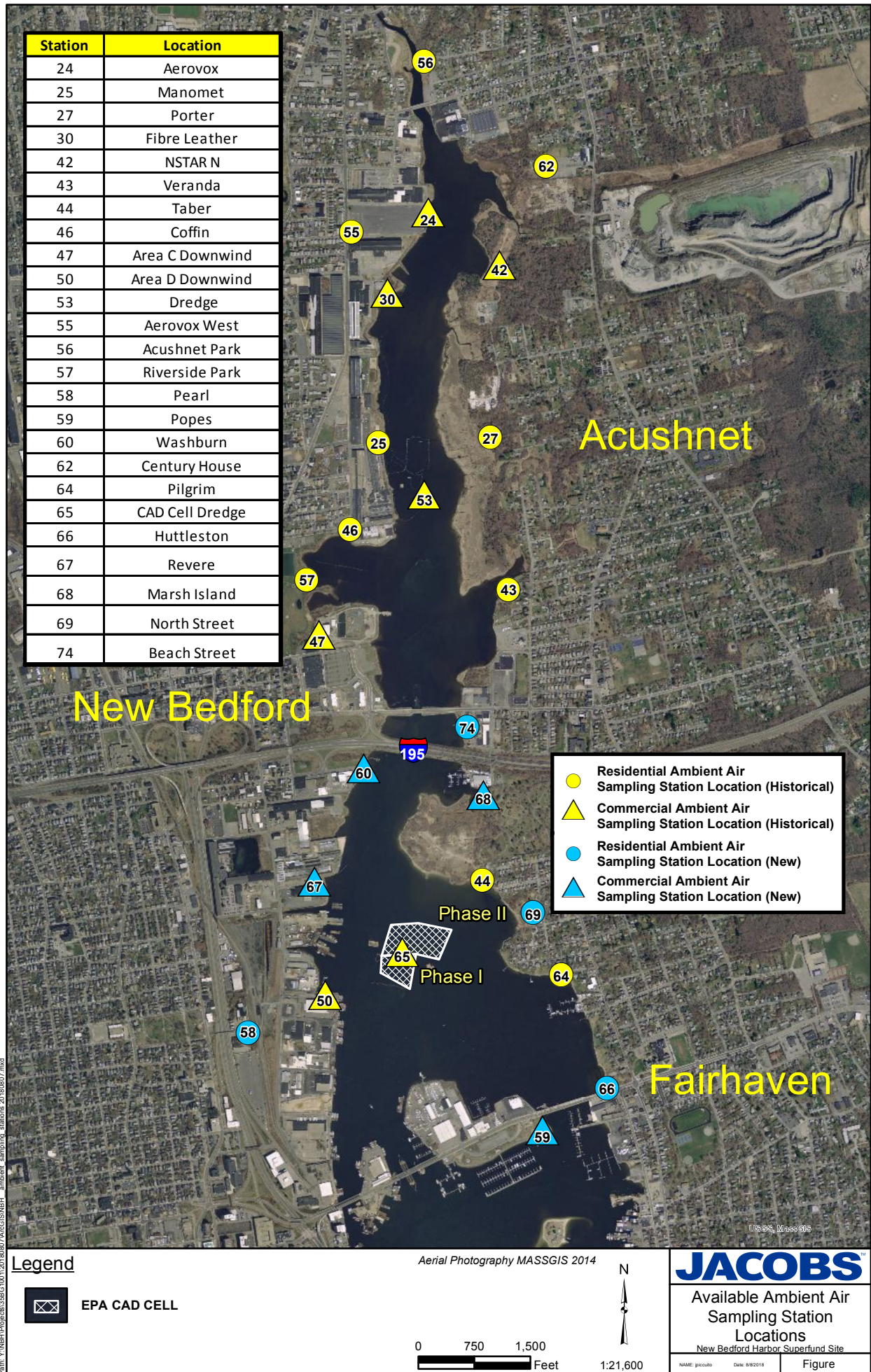
| Sampling Date | PCB Concentration by Location<br>(ng/m <sup>3</sup> in 24-hour time-weighted average) <sup>1</sup> |            |             |           |                  |                |            |           |           |            |    |    |              |    |    |            |                 |                  |                   |          |          |             |                |                  |              |            |                |               |       |           |                 |                 |                                                                                                                                                                                                                                                                                                         |
|---------------|----------------------------------------------------------------------------------------------------|------------|-------------|-----------|------------------|----------------|------------|-----------|-----------|------------|----|----|--------------|----|----|------------|-----------------|------------------|-------------------|----------|----------|-------------|----------------|------------------|--------------|------------|----------------|---------------|-------|-----------|-----------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               | 24 Aerovox                                                                                         | 25 Manomet | 25 Clifftex | 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                                                                                                                                                                                                                                                                                             |
|               |                                                                                                    |            |             |           |                  |                |            |           |           | 47         | 48 | 49 | 50           | 51 | 52 |            |                 |                  |                   |          |          |             |                |                  |              |            |                |               |       |           |                 |                 |                                                                                                                                                                                                                                                                                                         |
| 07/20/16      | NS                                                                                                 | 95.1       |             | 22.8      | 56.9/52.0d       | 33.2           | NS         | NS        | 25.3      | NS         | 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        | 14.4/13.4d | 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     | 6.37/5.45d | NS | 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      | 3.86/2.40d | NS | 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        | 2.38/2.16d | 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 | 0.102/0.117d | 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 | 35.4/38.4d | 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.       |
| 09/23/15      | 150                                                                                                | 180        |             | 3.9       | 57/50d           | 8.1            | 19         | 16        | 50        | 63         | NS | NS | 42           | NS | NS | 300        | 7.4             |                  |                   |          |          |             |                |                  |              | 7.5        |                |               |       |           |                 |                 | 2015 Hydraulic Dredging in Upper Harbor Area H.                                                                                                                                                                                                                                                         |
| 8/26/2015     | 62                                                                                                 | 46/35d     |             | 22        | 19               | 34             | 84         | 13        | 21        | 35         | NS | NS | 32           | NS | NS | 1900       | 1.2             |                  |                   |          |          |             |                |                  |              | 15         |                |               |       |           |                 |                 | 2015 Hydraulic Dredging in Upper Harbor - Area S.                                                                                                                                                                                                                                                       |
| 7/21/2015     | 44                                                                                                 | 48         |             | 10        | 44               | 20             | 37         | 19        | 27        | 16         | NS | NS | 11/15d       | NS | NS | NS         | 7.2             |                  |                   |          |          |             |                |                  |              | 11         |                |               |       |           |                 |                 | 2015 Pre-Dredge Samples for the Upper Harbor. Location #56 - Acushnet Park can no longer be used as a sampling station due to frequent vandalization of pump and/or media.                                                                                                                              |
| 6/3/2015      | 45                                                                                                 | 38         |             | 0.97      | 17               | 4.2            | 8.6        | 1.2       | 5.6       | 13/14d     | NS | NS | 16           | NS | NS | NS         | 1.9             | 1.1              |                   |          |          |             |                |                  |              | 1.2        | NS             |               |       |           |                 |                 | 2015 Off Season Data Collection.                                                                                                                                                                                                                                                                        |
| 4/22/2015     | 52                                                                                                 | 26         |             | NA        | 20               | 3.4            | 16         | 7.6       | 12        | 0.016      | NS | NS | 3.6          | NS | NS | NS         | 4.9             | NS               |                   |          |          |             |                |                  |              | 5.7        | NS             |               |       |           |                 |                 | 2015 Off Season Data Collection and Pre-dredge sampling for the Upper Harbor. Pump at Station #27 failed to run long enough to collect a viable sample so it was not analyzed.                                                                                                                          |
| 4/6/2015      | NS                                                                                                 | NS         |             | NS        | NS               | NS             | NS         | 5.1       | NS        | NS         | NS | NS | 8.5          | NS | NS | NS         | NS              | NS               |                   |          |          |             |                |                  |              | 2.2        | NS             |               |       |           |                 |                 | Lower Harbor CAD Cell Construction Phase II (Post Top of CAD Cell dredging); Pump at Station #50 failed to run the same duration as the duplicate so only the duplicate sample was analyzed. This sample is considered the primary sample so there is no duplicate for this post-dredge sampling event. |
| 3/11/2015     | NS                                                                                                 | 0.55/0.39d |             | NS        | 0.19             | NS             | NS         | 0.53      | 0.15      | 1.00       | NS | NS | 0.56         | NS | NS | NS         | 0.12            | NS               |                   |          |          |             |                |                  |              | 0.53       | 2.4            |               |       |           |                 |                 | Lower Harbor CAD Cell Construction Phase II (Top of CAD Cell dredging); Stations 24, 27, 42, and 43 were inaccessible for sampling due to obstructions from snow/ice piles.                                                                                                                             |
| 2/6/2015      | NS                                                                                                 | NS         |             | NS        | NS               | NS             | NS         | 0.14/0.17 | NS        | NS         | NS | NS | 0.099        | NS | NS | NS         | NS              | NS               |                   |          |          |             |                |                  |              | 0.15       | NS             |               |       |           |                 |                 | Lower Harbor CAD Cell Construction Phase II (Top of CAD Cell dredging); The dredge sample media was found broken at the dredge and therefore was not analyzed.                                                                                                                                          |
| 1/13/2015     | 0.58                                                                                               | 0.55       |             | 0.16      | 0.11/0.15d       | 0.87           | 1.4        | 0.17      | 0.075     | 0.43       | NS | NS | 1.3          | NS | NS | NS         | 0.05            | 0.12             |                   |          |          |             |                |                  |              | 0.230      | 2.48           |               |       |           |                 |                 | Lower Harbor CAD Cell Construction Phase II (top of CAD Cell dredging).                                                                                                                                                                                                                                 |
| 12/29/2014    | NS                                                                                                 | NS         |             | NS        | NS               | NS             | NS         | 0.98      | NS        | NS         | NS | NS | 0.5          | NS | NS | NS         | NS              | NS               |                   |          |          |             |                |                  |              | 1.6/1.9d   | 3.5            |               |       |           |                 |                 | Rapid TAT data. Lower Harbor CAD Cell Construction Phase II (top of CAD Cell dredging).                                                                                                                                                                                                                 |
| 12/18/2014    | NS                                                                                                 | NS         |             | NS        | NS               | NS             | NS         | 1.0       | NS        | NS         | NS | NS | 0.49         | NS | NS | NS         | NS              | NS               |                   |          |          |             |                |                  |              | 2.3        | 3.5/4.6d       |               |       |           |                 |                 | Rapid turn around time (TAT) data. Lower Harbor CAD Cell Construction Phase II (top of CAD Cell dredging). Reissue of data due to error in laboratory calculations.                                                                                                                                     |
| 12/15/2014    | 6.7                                                                                                | 7.2        |             | 0.73      | 5.6              | 2.3            | 3.6        | 1.6       | 2.7       | 4.4        | NS | NS | 3.7/4.3d     | NS | NS | NS         | 1.6             | 0.51             |                   |          |          |             |                |                  |              | 1.1        | 4.7            |               |       |           |                 |                 | Lower Harbor CAD Cell Construction Phase II (top of CAD Cell dredging). Off-season data collection included on January 5, 2015 as received from laboratory.                                                                                                                                             |
| 11/4/2014     | 43                                                                                                 | 21.4       |             | 9.9       | 26.8             | 8.9            | 17.4       | 24.2      | 21        | 4.85       | NS | NS | 7.43         | NS | NS | NS         | 4.38            | 7.05             |                   |          |          |             |                |                  |              | 15.7/5.19d | NS             |               |       |           |                 |                 | 2014 Post-Dredge Operation for Upper Harbor. Pre-Dredge sampling for the Lower Harbor CAD Cell Phase II (#44, 50 and 64).                                                                                                                                                                               |
| 10/6/2014     | 150                                                                                                | 98/110d    |             | 5.2       | 180              | 3.6            | 17         | 21        | 70        | 21         | NS | NS | 21           | NS | NS | 90         | NS              | NA               |                   |          |          |             |                |                  |              | 12         | NS             |               |       |           |                 |                 | 2014 Hydraulic Dredging in Areas L & S.                                                                                                                                                                                                                                                                 |
| 9/3/2014      | 91                                                                                                 | 44         |             | 9.1       | 39               | 36             | 52.8       | 12/10d    | 10.1      | 20.4       | NS | NS | 11           | NS | NS | 100        | NS              | 3.8              |                   |          |          |             |                |                  |              | 11         |                |               |       |           |                 |                 | 2014 Hydraulic Dredging in Area R-east.                                                                                                                                                                                                                                                                 |
| 8/5/2014      | 75                                                                                                 | 72         |             | 8         | 61               | 17             | 37         | 17        | 42.2      | 55.1       | NS | NS | 23.4         | NS | NS | 260        | NS              | 4.9              |                   |          |          |             |                |                  |              | 8.45       |                |               |       |           |                 |                 | 2014 Hydraulic Dredging in Area R-east.                                                                                                                                                                                                                                                                 |
|               |                                                                                                    |            |             |           |                  |                |            |           |           |            |    |    |              |    |    |            |                 |                  |                   |          |          |             |                |                  |              |            |                |               |       |           |                 |                 |                                                                                                                                                                                                                                                                                                         |

Table E-1  
Ambient Air Monitoring Program - Total Detectable PCB Homologues  
New Bedford Harbor Superfund Site  
Current as of 09/09/2019

| Sampling Date | PCB Concentration by Location<br>(ng/m <sup>3</sup> in 24-hour time-weighted average) <sup>1</sup> |            |             |           |                  |                |            |          |           |        |       |          |        |      |      |            |                 |                  |                   |          |          |             |                |                  |              |            |                |  |               |           |                 |                 |                                                                                                                                                                                 |                             |
|---------------|----------------------------------------------------------------------------------------------------|------------|-------------|-----------|------------------|----------------|------------|----------|-----------|--------|-------|----------|--------|------|------|------------|-----------------|------------------|-------------------|----------|----------|-------------|----------------|------------------|--------------|------------|----------------|--|---------------|-----------|-----------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
|               | 24 Aerovox                                                                                         | 25 Manomet | 25 Clifftex | 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                                                                                                                                                                     |                             |
|               |                                                                                                    |            |             |           |                  |                |            |          |           | 47     | 48    | 49       | 50     | 51   | 52   |            |                 |                  |                   |          |          |             |                |                  |              |            |                |  |               |           |                 |                 |                                                                                                                                                                                 |                             |
| 5/21/2012     | 51                                                                                                 | NS         | 67/66d      | 0.81      | NS               | NS             | NS         |          | NS        | NS     | NS    | NS       | NS     | NS   | NS   | NS         | NS              | NS               |                   |          |          |             |                | 0.0029           |              |            |                |  |               |           |                 |                 | 2012 Pre-Dredge Samples; Station 27 is a new location in 2012 season for eastern residential receptor.                                                                          |                             |
| 10/11/2011    | 36                                                                                                 | NS         | NS          |           | 42               | 10             | 18         |          | 11        | NS     | NS    | 25       | 17     | NS   | NS   | NS         | 420             | 18               |                   |          |          |             |                | 0.29             |              |            |                |  |               |           |                 |                 | 2011 Post-Dredge Operation.                                                                                                                                                     |                             |
| 9/14/2011     | 480                                                                                                | NS         | NS          |           | 120              | 29             | 61         |          | 93        | NS     | NS    | 220      | 0.62   | NS   | NS   | 460        | 28              | 57               |                   |          |          |             |                | NS               |              |            |                |  |               |           |                 |                 | 2011 Hydraulic Dredging in Area N. Sample at Station 62 was tampered and not analyzed.                                                                                          |                             |
| 8/23/2011     | 280                                                                                                | NS         | NS          |           | 60               | 80             | 94         |          | NS        | NS     | NS    | 220/200d | 16     | NS   | NS   | 1800       | 48              | 13               |                   |          |          |             |                | 52               |              |            |                |  |               |           |                 |                 | 2011 Hydraulic Dredging in Area K.                                                                                                                                              |                             |
| 7/26/2011     | NS                                                                                                 | NS         | NS          |           | NS               | NS             | NS         |          | NS        | NS     | NS    | NS       | NS     | NS   | NS   | NS         | NS              | NS               |                   |          |          |             |                | NS               | 51           |            |                |  |               |           |                 |                 | Excavation of Area Q.                                                                                                                                                           |                             |
| 7/13/2011     | 1100                                                                                               | NS         | NS          |           | 130              | 40             | 43         |          | 43        | NS     | NS    | 78       | 110    | NS   | NS   | 1000/1100d | 79              | 25               |                   |          |          |             |                | 6.7              | NS           |            |                |  |               |           |                 |                 | 2011 Hydraulic Dredging in Area K.                                                                                                                                              |                             |
| 5/25/2011     | 56                                                                                                 | NS         | NS          |           | NS               | NS             | NS         |          | NS        | NS     | NS    | NS       | NS     | NS   | NS   | NS         | 93/97d          | NS               |                   |          |          |             |                | 0.68             | 25           |            |                |  |               |           |                 |                 | 2011 Pre-Dredge Samples; Station 63 is a new location in 2011 season for Area Q.                                                                                                |                             |
| 10/13/2010    | 80                                                                                                 | NS         | NS          |           | 36               | 9              | 7.4        |          | 21        | NS     | NS    | 24       | 4.4    | NS   | NS   | NS         | 19              | 5.9              |                   |          |          |             |                | 1.1              | NS           |            |                |  |               |           |                 |                 | 2010 Post-Dredge Operation.                                                                                                                                                     |                             |
| 8/18/2010     | 1800                                                                                               | NS         | NS          |           | 300              | 25             | 36         |          | 31        | NS     | NS    | 130      | 37     | NS   | NS   | 560/580d   | 200             | 11               |                   |          |          |             |                | 13               |              |            |                |  |               |           |                 |                 | 2010 Hydraulic Dredging.                                                                                                                                                        |                             |
| 7/20/2010     | 270                                                                                                | NS         | NS          |           | 29               | NS             | 26         |          | 47        | NS     | NS    | 79/73d   | 37     | NS   | NS   | 450        | 93              | 26               |                   |          |          |             |                | 2.7              |              |            |                |  |               |           |                 |                 |                                                                                                                                                                                 |                             |
| 6/30/2010     | 120                                                                                                | NS         | NS          |           | 7.3              | 0.0013         | 82         |          | 13        | NS     | NS    | 32       | 3.3    | NS   | NS   | 230        | 3.2             | 12               |                   |          |          |             | 44/41d         |                  |              |            |                |  |               |           |                 |                 |                                                                                                                                                                                 |                             |
| 5/21/2010     | 86                                                                                                 | NS         | NS          |           | NS               | 0.042          | NS         |          | 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               |                   |          |          |             | void           |                  |              |            |                |  |               |           |                 |                 | 2010 pre-dredge samples. Sample location at Century House Resturant (#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   | NS         | 0.372/0.353d    | 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        | 8.31            | 17.2             |                   |          |          |             |                |                  |              |            |                |  |               |           |                 |                 | 2009 Hydraulic Dredging.                                                                                                                                                        |                             |
| 10/14/2009    | 48.8                                                                                               | NS         | NS          |           | 11.8             | 17.9           | 10.0       |          | 8.8/6.07d | NS     | NS    | 13.3     | NS     | 3.75 | NS   | 0.13       | 10              | 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       | 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              | 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             | NS               |              |            |                |  |               |           |                 |                 | 2008 Hydraulic Dredging.                                                                                                                                                        |                             |
| 9/24/2008     | NS                                                                                                 | NS         | NS          |           | NS               | NS             | 18         |          | NS        | NS     | NS    | 42       | NS     | NS   | NS   | 1.5        | NS              | NS               | 15                |          |          |             |                |                  |              |            |                |  |               |           |                 |                 |                                                                                                                                                                                 |                             |
| 8/21/2008     | NS                                                                                                 | NS         | NS          |           | NS               | NS             | 31.7       |          | 122       | NS     | NS    | 123/116d | NS     | 2.85 | NS   | 178        | NS              | NS               | 37.5              |          |          |             |                |                  |              |            |                |  |               |           |                 |                 |                                                                                                                                                                                 |                             |
| 7/16/2008     | NS                                                                                                 | NS         | NS          |           | NS               | NS             |            |          | NS        | NS     | NS    | NS       | NS     | NS   | NS   | NA         | 68.6            | NS               |                   |          |          |             | 287            |                  |              |            |                |  |               |           |                 |                 |                                                                                                                                                                                 |                             |
| 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               |                   |          |          |             | NS             |                  |              |            |                |  |               |           |                 |                 |                                                                                                                                                                                 |                             |
| 6/19/2008     | NS                                                                                                 | NS         | NS          |           | NS               | NS             |            |          | NS        | NS     | NS    | NS       | NS     | NS   | NS   | NA         | 8.9             | NS               |                   |          |          |             | NS             |                  |              |            |                |  |               |           |                 |                 | 2008 Land-Based Excavation of Shoreline at Aerovox. Sample Station 61 - South Fence was used only during the excavation timeframe.                                              |                             |
| 6/12/2008     | NS                                                                                                 | NS         | NS          |           | NS               | NS             |            |          | NS        | NS     | NS    | NS       | NS     | NS   | NS   | NA         | 7.3             | NS               |                   |          |          |             | 43.1           |                  |              |            |                |  |               |           |                 |                 |                                                                                                                                                                                 |                             |
| 6/8/2008      | NS                                                                                                 | NS         | NA          |           | NS               | NS             |            |          | NS        | NS     | NS    | NS       | NS     | NS   | NS   | NA         | 25.9            | NS               |                   |          |          |             | 34.4           |                  |              |            |                |  |               |           |                 |                 |                                                                                                                                                                                 |                             |
| 11/9/2007     | 19.7                                                                                               | NS         | 20.2        |           | NS               | 15.7           |            |          | 1.86      | 9.29   | NS    | NS       | 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   | 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   | 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               |                   |          |          |             |                |                  |              |            |                |  |               |           |                 |                 | 2006 Post-Dredge Operation.                                                                                                                                                     |                             |
| 10/6/2006     | 2,360                                                                                              | NS         | 451         |           | NS               | NS             |            |          | 108       | NS     | NS    | 157      | NS     | NS   | 197  | 13,400     | NS              | NS               |                   |          |          |             |                |                  |              |            |                |  |               |           |                 |                 |                                                                                                                                                                                 | 2006 Hydraulic Dredging.    |
| 8/31/2006     | 1,630                                                                                              | NS         | 176         |           | NS               | NS             |            |          | 70.4      | 39.2   | NS    | NS       | NS     | 67.3 | NS   | 2,340      | NS              | NS               |                   |          |          |             |                |                  |              |            |                |  |               |           |                 |                 |                                                                                                                                                                                 |                             |
| 12/29/2005    | 83.2                                                                                               | NS         | 10.9        |           | NS               | 21.4           |            |          | 65.1      | 7.42   | NS    | NS       | NS     | 2.18 | NS   | NA         | 10.8            | 13.5             |                   |          |          |             |                |                  |              |            |                |  |               |           |                 |                 |                                                                                                                                                                                 | 2005 Post-Dredge Operation. |
| 11/18/2005    | 15.9                                                                                               | NS         | 0.12        |           | NS               | 63.6           |            |          | 0.14      | NS     | 0.139 | 3.71     | NS     | NS   | NS   | 913        | 0.12            | 3.76             |                   |          |          |             |                |                  |              |            |                |  |               |           |                 |                 |                                                                                                                                                                                 | 2005 Hydraulic Dredging.    |
| 10/28/2005    | 15.4                                                                                               | NS         | NS          |           | NS               | 32.3           |            |          | 2.06      | NS     | 4.61  | 12.3     | 0.01   | NS   | NS   | 505        | 3.97            | 2.73             |                   |          |          |             |                |                  |              |            |                |  |               |           |                 |                 |                                                                                                                                                                                 |                             |
| 10/6/2005     | 1,820                                                                                              | NS         | 251         |           | NS               | 119            |            |          | 130       | NS     | 60.1  | 114      | 81.7   | NS   | NS   | 6,320      | 222             | 180              |                   |          |          |             |                |                  |              |            |                |  |               |           |                 |                 |                                                                                                                                                                                 |                             |
| 9/29/2005     | 383                                                                                                | NS         | 104         |           | NS               | 5.28           |            |          | 124       | NS     | 17.3  | 44.2     | 24.2   | NS   | NS   | 391        | 87              | 77.9             |                   |          |          |             |                |                  |              |            |                |  |               |           |                 |                 |                                                                                                                                                                                 |                             |
| 9/23/2005     | 178                                                                                                | NS         | 35.2        |           | NS               | 83.3           |            |          | 115       | NS     | 19.1  | 97       | 0.26   | NS   | NS   | 780        | 2.64            | 23.9             |                   |          |          |             |                |                  |              |            |                |  |               |           |                 |                 |                                                                                                                                                                                 |                             |
| 9/15/2005     | 1490                                                                                               | NS         | 58.2        |           | NS               | 22.5           |            |          | 99.8      | NS     | 14.9  | 83.6     | 0.52   | NS   | NS   | 1280       | 37.6            | 102              |                   |          |          |             |                |                  |              |            |                |  |               |           |                 |                 |                                                                                                                                                                                 |                             |



| 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    |



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