RETURN TO NTCRA AR INDEX

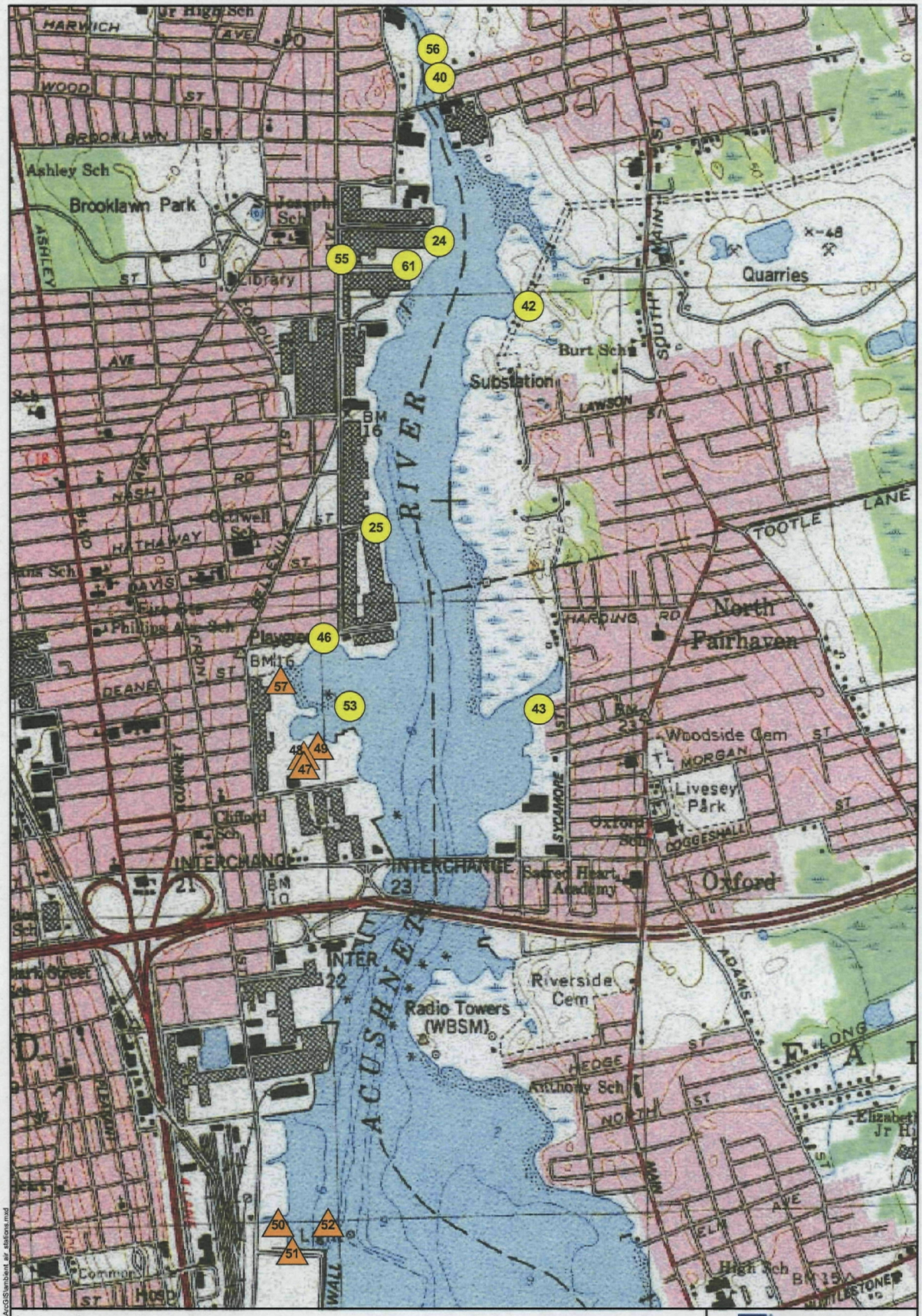
SDMS DocID 460569

Superfund Records Center
SITE: Aerovox
BREAK: 2.3
OTHER: 460569

Ambient Air Monitoring Program - Total Detectable PCB Homologues
New Bedford Harbor Superfund Site

Sampling Date	PCB Concentration (ng/m³ in 24-hour time-weighted average)																Activity Period
	24 Aerovox	25 Cliftex	42 NSTARN	43 Veranda	46 Coffin	47	48	49	50	51	52	55 Aerovox West	56 Acushnet Park	53 Dredge	57 Riverside Park	61 South Fence	
Sept-Nov 1999	67	22	24	NA	22	43	43	43	5.9	5.9	5.9	5.2	5.2	NA	NA	NA	No Dredging Activities. Data from Foster-Wheeler.
Dec 1999-Feb 2000	32	3.2	9.9	NA	3.2	89	89	89	3.4	3.4	3.4	NS	NS	NA	NA	NA	
March-May 2000	76	35	29	NA	35	61	61	61	6.8	6.8	6.8	NS	NS	NA	NA	NA	
June-August 1999	130	46	31	NA	46	33	33	33	12	12	12	NS	NS	NA	NA	NA	
06/29/04	2286	NS	NS	NA	NS	NS	NS	NS	NS	56	NS	NS	NS	NA	NA	NA	No Dredging Activities
09/09/04	1024	167	NS	NA	145	28	37	56	20	16	47	NS	NS	723	NA	NA	Initial MU-2 Dredging During Startup.
09/14/04	1449	229	NS	NA	48	64	64	86	38	39	61	NS	NS	98	NA	NA	
09/23/04	588	97	NS	NA	5	7	10	17	6	5	19	NS	NS	1212	NA	NA	2004 Dredging Operation
09/28/04	9557	423	NS	NA	342	35	165	207	80	75	115	NS	NS	2734	NA	NA	
10/19/04	559	259	NS	NA	36	47	48	66	17	74	100	NS	NS	704	NA	NA	
11/05/04	578	61	73	NA	80	NS	NS	28	NS	NS	NS	28.42	39.08	351	NA	NA	
12/03/04	30	27	40	NA	15	22	NS	26	22	NS	31	9.33	1.52	NA	NA	NA	After 2004 Dredge Operation
8/11/2005	216.0	103.0	25.9	NA	37.2	NS	NS	29.3	NS	NS	21.3	42.1	49.9	NA	NA	NA	Before 2005 Dredge Operation
9/15/2005	1490.0	58.2	22.5	NA	99.8	NS	14.9	83.6	0.5	NS	NS	37.6	102.0	1280.0	NA	NA	2005 Dredging Operation
9/23/2005	178.0	35.2	83.3	NA	115.0	NS	19.1	97.0	0.3	NS	NS	2.6	23.9	780.0	NA	NA	
9/29/2005	383.0	104.0	5.3	NA	124.0	NS	17.3	44.2	24.2	NS	NS	87.0	77.9	391.0	NA	NA	
10/6/2005	1822.0	251.0	119.0	NA	130.0	NS	60.1	114.0	81.7	NS	NS	222.0	180.0	6315.0	NA	NA	
10/28/2005	15.4	NS	32.3	NA	2.1	NS	4.6	12.3	0.0	NS	NS	4.0	2.7	505.0	NA	NA	
11/18/2005	15.9	0.1	63.6	NA	0.1	NS	0.1	3.7	NS	NS	NS	0.1	3.8	913.0	NA	NA	
12/29/2005	83.2	10.9	21.4	NA	65.1	7.4	NS	NS	NS	2.2	NS	10.8	13.5	NA	NA	NA	After 2005 Dredge Operation
8/31/2006	1,629	176	NS	NA	70.4	39.2	NS	NS	NS	67.3	NS	NS	NS	2336	NA	NA	2006 Dredge Operation
10/6/2006	2,357	451	NS	NA	108	NS	NS	157	NS	NS	197	NS	NS	13430	NA	NA	
11/19/2006	41.1	0.14	NS	NA	4.05	NS	NS	81.4	2.6	NS	NS	NS	NS	NA	NA	NA	After 2006 Dredge Operation
8/21/2007	282	147	19.2	NA	36.1	46.9	NS	NS	36.7	NS	NS	NS	NS	138	NA	NA	2007 Dredge Operation
9/18/2007	176	120	16.3	NA	21.4	57.1	NS	NS	48.7	NS	NS	NS	NS	130	NA	NA	
11/9/2007	19.7	20.2	15.7	NA	1.86	9.29	NS	NS	NS	4.39	NS	NS	NS	NA	NA	NA	After 2007 Dredge Operation
6/8/2008	NS	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS	25.9	NS	NA	NA	34.4	2008 Land-based Excavation of Shoreline at Aerovox
6/12/2008	NS	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS	7.3	NS	NA	NA	43.1	
6/19/2008	NS	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS	8.9	NS	NA	NA	NS	
6/25/2008	NS	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS	5.52	NS	NA	NA	NS	
7/8/2008	NS	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS	8.7	NS	NA	NA	26.1	
7/16/2008	NS	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS	68.6	NS	NA	NA	286.5	
8/21/2008	NS	NS	NS	31.66	121.94	NS	NS	123.4	NS	2.85	NS	NS	NS	178.0	37.46	NS	2008 Hydraulic Dredging
8/21/2008	NA	NA	NA	NA	NA	NA	NA	116.4	NA	NA	NA	NA	NA	NA	NA	NA	duplicate
9/24/2008	NS	NS	NS	18	NS	NS	NS	42	NS	NS	NS	NS	NS	1.5	15.0	NS	2008 Hydraulic Dredging
10/7/2008	NS	NS	NS	NS	5.2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	2008 Hydraulic Dredging
11/10/2008	NS	NS	NS	15	1.3	NS	NS	6.2	NS	0.020U	NS	NS	NS	NS	0.11	NS	After 2008 Dredge Operation
6/16/2009	150	77	10	33	35	43	NS	NS	NS	32	NS	33	8.2	120	NS	NS	2009 Hydraulic Dredging
7/13/2009	130	18	39	110	36	NS	NS	77	NS	5.3	NS	7.4	6	290	NS	NS	2009 Hydraulic Dredging
7/13/2009	NA	NA	NA	NA	NA	NA	NA	76	NA	NA	NA	NA	NA	NA	NA	NA	duplicate
8/13/2009	130	21	14	49	14	NS	NS	32	NS	31	NS	28	20	130	NS	NS	2009 Hydraulic Dredging
8/13/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30	NA	NA	NA	NA	duplicate
9/17/2009	160	24	2.2	51	13	NS	NS	35	NS	42	NS	14	10	180	NS	NS	2009 Hydraulic Dredging
9/17/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.8	NA	NA	NA	duplicate
10/14/2009	48.79	11.77	17.92	10.01	8.80	NS	NS	13.26	NS	3.75	NS	10.00	2.62	0.13	NS	NS	2009 Hydraulic Dredging
10/14/2009	NA	NA	NA	NA	6.07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	duplicate
11/9/2009	45.2	20.4	25.3	55.2	32.8	NS	NS	51.8	NS	2.92	NS	8.31	17.2	205.1	NS	NS	2009 Hydraulic Dredging
11/9/2009	NA	31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	duplicate
12/16/2009	3.3	0.134	23.8	9.12	0.171	NS	NS	1.78	NS	0.184	NS	0.372	0.63	NS	NS	NS	After 2009 Dredge Operation - Unvalidated data
12/16/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.353	NA	NA	NA	NA	duplicate

NA = not applicable
ng/m3 = nanograms per cubic meter
NS = not sampled
PCB = polychlorinated biphenyl



Legend

Ambient Air Sampling Locations

- Mobile Station
- Stationary Station

0 750 1,500 Feet

1:18,000

N

JACOBS

Ambient Air Sampling Station Locations

New Bedford Harbor Superfund Site

NAME: croberts DATE: 09/04/2008

Figure 1

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