Table E-1 Ambient Air Monitoring Program - Total Detectable PCB Homologues New Bedford Harbor Superfund Site <u>Current as of 12/20/2017</u>

0															ncentration boom	-														
Sampling Date	24 Aerovox	25 Manomet	25 Cliftex	27 Porter	30 Fibre Leather	42 NSTAR	43 Veranda	44 Taber	46 Coffin		Area C		Ar	ea D	53	55	56 Acushnet	57 Riverside	58 Pearl	59 Popes		61 South Fence	Century		64 Pilarim	LHCC	66 Huttle-	67 Rever		
11/28/17	NS	NS	Omtox	NS	NS	North NS	11	22	NS	47 48/29d	48 NS	49 NS	50 6.8	51 NS	52 Dredg	West NS	Park	Park	18	5.2	burn 13	7 01100	House	Boundase	1.7	Dredge 6.5	ston 2.5	e 9.3	Island	2017 Lower Harbor Best Value remedial event. Unvlaidated Results.
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. Unvalidated Results.
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 47Area 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	34.2/18.8 d	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. Unvalidated Results.
04/03/17	NS	4.79		ND _R	NS	NS	3.60	ND _R	2.54	2.88	NS	NS	ND _R	NS	NS ND _R	NS			ND _R	3.01	ND _R				ND _R	NS	ND _R	ND_R		2017 Upper Harbor Dredging-Lower Harbor CAD Cell filling. The pump at Area D failed by mid-afternoon. The pump used on the dredge was removed after 8 hours and placed at Area D. Both Area D and the dredge were monitored for their full time intervals. The pump for the duplicate at Area C shut down sometime after inspection. Because it didn't run for at least 12 hours, the sample was discarded. Due to a laboratory error, all ND results (less than 1.39 ng/m³) were rejected as a result of data validation. These are indicated by ND _R .
03/29/17	NS	NS		NS	NS	NS	5.94	NS	ND	7.15/7.67 d	NS	NS	NS	NS	NS NS	NS		ND	NS	NS	NS				NS	NS	NS	NS		2017 Upper Harbor Excavation PMC results.
03/08/17	NS	6.92		11.5	NS	NS	29.9	2.00	15.2	<1.37/ <1.39d	NS	NS	<1.39	NS	NS 71.9	NS		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 m³ sample. The dredge pump (#53) was placed onboard the dredge the following day (3/9/17) to collect a total sample of 2.15 m³. 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	4.03	NS	22.7	2.40	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. Unvalidated results.
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	1.90/1.90 d	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	5.32/5.10 d	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.

Table E-1 Ambient Air Monitoring Program - Total Detectable PCB Homologues New Bedford Harbor Superfund Site <u>Current as of 12/20/2017</u>

Sampling	24 25 25 27 30 Fibre 42 43 44 46 Area C Area D 53 Aerovox Acushnet Riverside 58 Pearl 59 Popes Wash- Output Description Description																													
Date	24 Aerovox	25 Manomet	25 Cliftex	27 Porter	30 Fibre Leather	NSTAR	43 Veranda					10			53 Dredge	Aerovox	Acushnet		58 Pearl	59 Popes	Wash-	61 South Fence		63 Boathouse	64 Pilgrim	LHCC				
11/10/16	NS	NS		NS	NS	North NS	13.7	NS		47 1.64/1.63 d	48 NS	49 NS	50 NS	51 52 NS NS	NS	West NS	Park	Park 0.658	NS	NS	burn NS		House		NS	Dredge NS	ston NS	e NS	Island	2016 Upper Harbor Pre- excavation PMC results.
11/07/16	NS	NS		NS	NS	NS	6.26	4.0	7 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 Drediging 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 Drediging 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 Drediging in Area A34. Dredge was sampled.
08/18/16	NS	NS		NS	NS	NS	97.6	19.	1 NS	17.1/17.1 d	NS	NS	6.56	NS NS	NS	NS			3.24	10.5	12.6				11.6	30.1	11.6	9.95		2016 Lower Harbor Drediging in Area 35B. Dredge was sampled.
08/11/16	NS	61.1		32.2	35.2/39.2d	35.6	NS	NS	s NS	NS	NS	NS	NS	NS NS	704	NS			NS	NS	NS				NS	NS	NS	NS		2016 Upper Harbor Debris Removal. Debris Barge was sampled.
07/27/16	NS	NS		NS	NS	NS	42.9	23.	7 NS	18.1/16.5 d	NS	NS	12.3	NS NS	NS	NS			0.416	7.36	32.4				11.1	83.1	6.42	13.4		2016 Lower Harbor Drediging. Dredge was sampled.
07/20/16	NS	95.1		22.8	56.9/52.0 d	33.2	NS	NS	25.3	NS	NS	NS	NS	NS NS	513	NS			NS	NS	NS				NS	NS	NS	NS		2016 Upper Harbor Debris Removal. Debris Barge was sampled.
06/27/16	NS	NS		NS	NS	NS	21.8	32.	8 NS	14.4/13.4 d	NS	NS	8.15	NS NS	NS	NS			0.473	9.53	48.6				13.92	63.0	6.63	8.96		2016 Lower Harbor Debris Removal. Debris Barge was sampled.
06/13/16	NS	10.0		14.4	NS	NS	36.5	NS	0.630	6.37/5.45 d	NS	NS	NS	NS 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	1.8	8 NS	28.2	NS	NS	23.8/24.0d	NS NS	NS	NS			5.59	3.38	22.1				3.93	15.1	1.32	21.9		2016 Lower Harbor Debris Removal. Debris Barge was sampled.
05/16/16	NS	5.89		11.8	NS	NS	41.7	NS	3.96	3.86/2.40 d	NS	NS	NS	NS 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	6.0	2 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	7.4	8 NS	2.38/2.16 d	NS	NS	0.578	NS NS	NS	NS			0.0804	2.53	0.553				6.38	8.81	5.25	0.379		2016 Lower Harbor Drediging and Debris Removal. Dredge was sampled.
02/18/16	NS	NS		NS	NS	NS	4.88	1.3	4 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	4.3	9 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	0.78	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	0.49	0.138	0.298	NS	NS	0.102/0.117 d	NS NS	NS	0.00348			NS	NS	NS				1.87	NS	NS	NS		2016 Upper Harbor Post-Dredge Sampling Event. Location #27 Porter not sampled due to lack of access caused by snow.
12/15/15	NS	NS		NS	NS	NS	NS	NS	s 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	3.1	1 6.27	14.0	NS	NS	13.7	NS NS	35.4/38.4 d	2.30			NS	NS	NS				2.13	NS	NS	NS		2015 Hydraulic Dredging in Upper Harbor Area T.
11/02/15	NS	NS		NS	NS	NS	NS	13.	2 NS	NS	NS	NS	34.9	NS NS	NS	NS			5.68	9.72	25.4				12.8	NS	10.9	23.5		2015 Lower Harbor Pre-debris removal.
10/14/15	22.6	16.4		17.4	4.48	13.0	42.8	19.			NS	NS	17.4	NS NS		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 8/26/2015	150 62	180 46/35d		3.9 22	57/50d 19	8.1 34	19 84		50	63 35	NS NS	NS NS		NS NS		7.4 1.2									7.5 15					2015 Hydraulic Dredging in Upper Harbor Area H. 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	2 5.6	13/14d	NS	NS	16	NS NS	NS	1.9	1.1								1.2	NS				2015 Off Season Data Collection. 2015 Off Season Data Collection and Pre-dredge sampling for the Upper Harbor.
4/22/2015	52	26		NA	20	3.4	16	7.6	5 12	0.016	NS	NS	3.6	NS NS	NS	4.9	NS								5.7	NS				Pump at Station #27 failed to run long enough to collect a viable sample so it was not analyzed.

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Sampling															PCB Conce																
Date	24 Aerovox	25 Manomet	25 Cliftex	27 Porter	30 Fibre Leather	42 NSTAR	43 Veranda	44 a Tab	46 er Coff	:	47	Area C	49	50	rea D	53 Dredge	55 Aerov	ox Acushn		8 Pearl 59 P	opes Wa		nce	62 Century	63 Boathouse	64 Pilgrim	65 LHCC	66 Huttle-	Rever	68 Marsh Island	
4/6/2015	NS	NS		NS	NS	North NS	NS	5.	1 NS		NS	NS	NS	8.5	NS NS		Wes NS		Park		Di	urn To		House		2.2	NS	Ston	е	Island	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	0.5	3 0.15	5 1	1.00	NS	NS	0.56	NS 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 17		S 1	NS	NS	NS	0.099	NS 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	0.1	7 0.07	5 0	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	0.9	8 NS	3 1	NS	NS	NS	0.5	NS 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	3 1	NS	NS	NS	0.49	NS NS	NS NS	NS	NS								2.3	3.5/4.6d				Rapid turn around time (TAT) data. Lower Harbor CAD Cell Construction Phase I (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	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-seast 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.			4.85	NS	NS	7.43	NS NS		4.38									15.7/5.1 9d	NS				2014 Post-Dredge Operation for Upper Harbor. Pre-Dredge sampling for the Lowe Harbor CAD Cell Phase II (#44, 50 and 64).
10/6/2014 9/3/2014	150 91	98/110d 44		5.2 9.1	180 39	3.6 36	17 52.8	21 12/1			21 20.4	NS NS	NS NS	21 11	NS NS		NS NS									12 11	NS				2014 Hydraulic Dredging in Areas L & S. 2014 Hydraulic Dredging in Area R-east.
8/5/2014	75	72		8	61	17	37		42.2		55.1	NS	NS	23.4	NS NS		NS									8.45					2014 Hydraulic Dredging in Area R-east.
7/8/2014 6/16/2014	82 200	25 90		22.7 12/13d	35.7 100	19 25	43.1 35	27	1 <u>24</u> 7 50		3/33d 25	NS NS	NS NS	22 20	NS NS		NS NS									14.7 8.6					2014 Hydraulic Dredging in Area R-east. 2014 Hydraulic Dredging in Area R.
5/7/2014	56.9	32.6		NS	33.8	10.9	29.7	24.			13.4	NS	NS	11.0	NS NS		NS									11.6					2014 Hydraulic Dredging in Area R.
3/18/2014	17	5.8		0.36/0.4 2d	4.5	2.2	1.7	0.4) ;	3.3	NS	NS	2.8	NS NS	NS	NS	0.14								0.22	NS				2014 Pre-Dredge Samples for the Upper Harbor.
3/18/2014 12/19/2013								2.3						3.5/3.020												0.22 3.13	0.89				Post-Dredge Samples for the Lower Harbor.
12/4/2013								3.31 0c	t					0.643												2.16	3.57				Lower Harbor CAD Cell Construction Phase 1 (top of CAD Cell dredging).
11/20/2013								2.1						3.55												1.68/2.0 d	6.21				
9/25/2013	25.6	26.5		2.65	14.7	8.05	11.2	NS			NS	NS	NS	13.3/12.8			NS									NS					2013 Post-Dredge Operation.
8/20/2013	230	130		15	160	18	61	NS	60/57		29	NS	NS	29	NS NS		NS									NS					2013 Hydraulic Dredging in Area P.
7/16/2013 3/26/2013	240 14	110 1.4		8.1 3.2	130 NS	6.6	36 8.3	1.1	3 48 1 0.65		110 NS	NS NS	NS NS	69 NS	NS NS	_	NS NS									14.4 1.8/1.8d					2013 Hydraulic Dredging in Area P. 2013 Pre-Dredge Samples for the Upper Harbor.
3/26/2013	14	1.4		5.2	140	0.0	0.5	1.1		,	143	143	NO	140	0.4		ING	140								1.8/1.8d	NS				2013 Pre-Dredge Samples for the Lower Harbor.
10/1/2012	98	18		17/18d	25	17	87		18		NS	NS	14	0.56	NS NS	NS	15	NS						NA							2012 Post Dredge Operation; Sample at Station 62 had insufficient air volume an was not analyzed. Due to several vandalized samples this station has been discontinued.
8/21/2012	67	28		23	17	19	67		14/16	6d I	NS	NS	20	4	NS NS	NA NA	0.000	33 NS						18							2012 Hydraulic Dredging in Area P; Sample at Station 53 had insufficient air volur and was not analyzed.
7/16/2012	220	1.2		24/24d	110	36	140		26	ı	NS	NS	57	10	NS NS	280	10	NS						3.3							2012 Hydraulic Dredging in Area L.
7/2/2012	NA	NA		NA	NA	NA	NA		NA	-	NS	NS	NA	NA	NS NS		NA							NA							All samples collected were voided due to out of temperature specification upon arrival at laboratory. 2012 Pre-Dredge Samples; Station 27 is a new location in 2012 season for easte
5/21/2012	51	NS	67/66d	0.81	NS	NS	NS		NS		NS	NS	NS	NS	NS NS		NS							0.0029							residential receptor.
9/14/2011	36 480	NS NS	NS NS		120	10 29	18 61		93		NS NS	NS NS	25 220	0.62	NS NS		420 28							0.29 NS							2011 Post-Dredge Operation. 2011 Hydraulic Dredging in Area N. Sample at Station 62 was tampered and no analyzed.
8/23/2011	280	NS	NS		60	80	94		NS	3 1	NS	NS	220/20 0d	16	NS NS	1800	48	13						52							2011 Hydraulic Dredging in Area K.
7/26/2011	NS	NS	NS		NS	NS	NS		NS	3 1	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	1000/11 0d	0 79	25						6.7	NS						2011 Hydraulic Dredging in Area K.
5/25/2011	56	NS	NS		NS	NS	NS		NS	3 1	NS	NS	NS	NS	NS NS	NS	93/97	d NS						0.68	25						2011 Pre-Dredge Samples; Station 63 is a new location in 2011 season for Area (
10/13/2010	80	NS	NS		36	9	7.4		21		NS	NS	24	4.4	NS NS		19							1.1	NS						2010 Post-Dredge Operation.
8/18/2010 7/20/2010	1800 270	NS NS	NS NS		300 29	25 NS	36 26		31 47		NS NS	NS NS	130 79/73d	37 37	NS NS		od 200 93							13 2.7							2010 Hydraulic Dredging.
6/30/2010	120	NS	NS		7.3	0.0013	82		13		NS	NS	32	3.3	NS NS	230	3.2							44/41d							
5/21/2010	86	NS	NS		NS	0.042	NS		NS	3 1	NS	NS	NS	NS	NS NS	NS	NS	NS					N	ND/NDd							2010 Pre-Dredge Samples.
5/13/2010	void	NS	NA		NS	void	NS		NS	1	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		0.17	'1 I	NS	NS	1.78	NS	0.18 NS	NS NS	0.372/ 53d														2009 Post-Dredge Operation.

Table E-1 Ambient Air Monitoring Program - Total Detectable PCB Homologues New Bedford Harbor Superfund Site Current as of 12/20/2017

														OCB Cond	entration b	v Location														
															ur time-wei															
Sampling Date						42									_	55	56	57			60		62			65	66	67	68	-
Date	24	25	25 Cliftex	27 Porter	30 Fibre Leather	NSTAR	43	44 Tobor	46 Coffin		Area C			ea D	53	Aerovo			58 Pearl	59 Popes		61 South	Century	63	64	LHCC				
	Aerovox			Porter		North	Veranda	Taber		47	48	49	50	51		West	Park	Park			burn	Fence	House	Boathous	se Pilgrin	Dredge	ston	е	Island	
11/9/2009	45.2	NS	NS		20.4/31d	25.3	55.2		32.8	NS	NS	51.8	NS	2.92		8.31	17.2										4			
10/14/2009	48.8	NS	NS		11.8	17.9	10.0		8.8/6.0 7d	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										1			2009 Hydraulic Dredging.
8/13/2009	130	NS	NS		21	14	49		14	NS	NS	32	NS	31	NS 130	28/300	1 20										1			2000 Hydraulio Broaging.
7/13/2009	130	NS	NS		18	39	110		36	NS	NS	77/76d	NS	5.3	NS 290	7.4	6										1			
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												
9/24/2008	NS	NS	NS		NS	NS	18		NS	NS	NS	42	NS	NS	NS 1.5	NS	NS	15												2008 Hydraulic Dredging.
8/21/2008	NS	NS	NS		NS	NS	31.7		122	NS	NS	123/11 6d	NS		NS 178	NS	NS	37.5												, , , ,
7/16/2008	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 NA	8.7	NS					26.1								
6/25/2008	NS	NS	NS		NS	NS			NS	NS	NS	NS	NS		NS NA	5.52	NS					NS								2008 Land-Based Excavation of Shoreline at Aerovox. Sample Station 61 - South
6/19/2008	NS	NS	NS		NS	NS			NS	NS	NS	NS	NS		NS NA	8.9	NS					NS								Fence was used only during the excavation timeframe.
6/12/2008	NS	NS	NS		NS	NS			NS	NS	NS	NS	NS		NS NA	7.3	NS					43.1							1	
6/8/2008	NS	NS	NA		NS	NS			NS	NS	NS	NS	NS	NS		25.9	NS					34.4								2007 D. J. D. J. O. J.
11/9/2007	19.7	NS	20.2		NS	15.7			1.86	9.29	NS	NS	NS 40.7		NS NA	NS	NS													2007 Post-Dredge Operation.
9/18/2007 8/21/2007	176 282	NS NS	120 147		NS NS	16.3 19.2			21.4 36.1	57.1 46.9	NS NS	NS NS	48.7 36.7		NS 130 NS 138	NS NS	NS NS													2007 Hydraulic Dredging
11/19/2006	41.1	NS	0.14		NS	NS			4.05	46.9 NS	NS	81.4	2.6		NS NA	NS	NS									_		+		2006 Post-Dredge Operation.
10/6/2006	2,360	NS	451		NS	NS			108	NS	NS	157	NS		197 13,400		NS													2006 Post-Dredge Operation.
8/31/2006	1,630	NS	176		NS	NS			70.4	39.2	NS	NS	NS		NS 2,340		NS													2006 Hydraulic Dredging.
12/29/2005	83.2	NS	10.9		NS	21.4			65.1	7.42	NS	NS	NS		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 913	0.12	3.76													2000 i doi 2 loago o porazioni
10/28/2005	15.4	NS	NS		NS	32.3			2.06	NS	4.61	12.3	0.01		NS 505	3.97	2.73													
10/6/2005	1,820	NS	251		NS	119			130	NS	60.1	114	81.7	NS I	NS 6,320	222	180													COOS II also l'a Destrica
9/29/2005	383	NS	104		NS	5.28			124	NS	17.3	44.2	24.2	NS I	NS 391	87	77.9													2005 Hydraulic Dredging.
9/23/2005	178	NS	35.2		NS	83.3			115	NS	19.1	97	0.26	NS I	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 I	NS 1280	37.6	102													
8/11/2005	216	NS	103		NS	25.9			37.2	NS	NS	29.3	NS	NS 2	1.3 NA	42.1	49.9													2005 Pre-Dredge Samples.
12/3/2004	30	NS	27		NS	40			15	22	NS	26	22		31 NA	9.33	1.52													2004 Post-Dredge Operation.
11/5/2004	578	NS	61		NS	73			80	NS	NS	28	NS	NS I		28.4	39.1													
10/19/2004	559	NS	259		NS	NS			36	47	48	66	17		00 704	NS	NS													2004 Hydraulic Dredging.
9/28/2004	9,560	NS	423		NS	NS			342	35	165	207	80		15 2,730	NS	NS													
9/23/2004	588	NS	97		NS	NS			5	7	10	17	6		19 1,210	NS	NS													
9/14/2004	1,450	NS	229		NS	NS			48	64	64	86	38		61 98	NS	NS													Initial MU-2 Dredging During Startup.
9/9/2004	1,020	NS	167 NS		NS	NS NS			145 NS	28	37	56	20 NS		47 723 NS	NS	NS													No Decision Astronomy
6/29/2004 March-May	2,290	NS			NS					NS	NS	NS				NS	NS											-		No Dredging Activities.
2000	76	NS	35		NS	29			35	61	61	61	6.8	6.8	6.8	NS	NS													
Dec 1999- Feb 2000	32	NS	3.2		NS	9.9			3.2	89	89	89	3.4	3.4	3.4	NS	NS													
Sept-Nov 1999	67	NS	22		NS	24			22	43	43	43	5.9	5.9	5.9	5.2	5.2													No Dredging Activities. Data from Foster-Wheeler.
June-Augus 1999	130	NS	46		NS	31			46	33	33	33	12	12	12	NS	NS													1

d = field duplicate result

P = Pending results

124-hour time-weighted average does not apply to Stations #53 and #65 (dredge/barge) which are on a 8-hr collection period NA = sample collected but not analyzed

ng/m³ = nanograms per cubic meter of air

NS = not sampled
PCB = polychlorinated biphenyl
ND = no detections (non-detect)
Sample station with gray blocking is a newer station added to the air sampling program or discontinued station (no activity).

