

Impact Water Quality Monitoring for Dredging Activities at SB CMP 1

Sampling Date	Tide	Station	Time	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	SS (mg/L)
2013/04/19	ME	DS1	18:20:08	B	4.1	90.5	0.13	21.30	26.19	90.94	6.92	1.80	7.41	4
2013/04/19	ME	DS1	18:21:13	M	3.0	159.9	0.45	21.33	26.13	93.03	7.07	1.80	7.46	5
2013/04/19	ME	DS1	18:22:08	T	1.0	45.9	0.26	22.34	21.42	105.70	8.11	4.70	7.64	5
2013/04/19	ME	DS1	18:23:00	B	4.1	136.9	0.15	21.31	26.14	93.22	7.09	2.00	7.54	4
2013/04/19	ME	DS1	18:24:07	M	3.0	218.6	0.28	21.54	24.88	93.61	7.14	3.50	7.56	5
2013/04/19	ME	DS1	18:25:08	T	1.0	329.0	0.47	22.19	22.07	103.88	7.96	5.40	7.66	5
2013/04/19	ME	DS1	18:26:09	B	4.0	224.9	0.27	21.23	26.30	91.50	6.96	2.50	7.57	4
2013/04/19	ME	DS1	18:27:07	M	2.9	136.7	0.54	21.43	25.39	92.69	7.07	2.90	7.59	5
2013/04/19	ME	DS1	18:28:23	T	1.1	52.1	0.78	22.31	21.49	106.15	8.14	5.20	7.71	4
2013/04/19	ME	DS2	18:47:41	B	5.0	96.8	0.30	20.90	28.05	87.47	6.63	3.00	7.69	6
2013/04/19	ME	DS2	18:48:31	M	3.3	163.8	0.85	21.28	26.12	90.55	6.89	1.90	7.67	4
2013/04/19	ME	DS2	18:49:24	T	1.2	168.0	0.93	21.82	23.20	95.43	7.31	4.30	7.69	6
2013/04/19	ME	DS2	18:50:20	B	5.0	115.9	0.29	20.78	28.44	85.56	6.48	5.10	7.65	6
2013/04/19	ME	DS2	18:51:09	M	3.5	167.5	0.20	21.26	26.15	90.54	6.89	2.20	7.67	4
2013/04/19	ME	DS2	18:52:10	T	1.2	78.7	0.63	22.06	22.32	99.09	7.60	4.10	7.75	5
2013/04/19	ME	DS2	18:53:31	B	5.0	82.7	0.43	20.98	27.43	86.44	6.56	3.40	7.68	6
2013/04/19	ME	DS2	18:54:19	M	3.6	169.5	0.26	21.30	26.00	90.62	6.90	2.10	7.70	5
2013/04/19	ME	DS2	18:55:09	T	1.1	20.0	0.21	21.99	22.63	96.58	7.40	4.50	7.74	5
2013/04/19	ME	DS3	19:01:29	B	5.0	173.4	0.77	21.09	27.18	89.57	6.80	1.90	7.76	5
2013/04/19	ME	DS3	19:02:43	M	3.5	35.7	0.51	21.45	24.98	92.55	7.07	2.40	7.73	5
2013/04/19	ME	DS3	19:03:19	T	1.0	310.4	0.20	21.75	23.23	94.54	7.25	3.80	7.74	3
2013/04/19	ME	DS3	19:04:46	B	4.9	150.9	0.50	21.27	25.88	90.64	6.91	2.60	7.72	5
2013/04/19	ME	DS3	19:05:34	M	3.4	74.1	0.02	21.39	25.22	90.44	6.91	2.50	7.73	4
2013/04/19	ME	DS3	19:06:16	T	1.0	50.9	0.46	21.61	24.12	93.62	7.17	2.90	7.74	4
2013/04/19	ME	DS3	19:07:10	B	5.1	331.4	0.16	21.18	26.81	91.03	6.92	2.10	7.74	4
2013/04/19	ME	DS3	19:08:07	M	3.5	154.3	0.24	21.57	24.44	92.51	7.07	2.20	7.75	6
2013/04/19	ME	DS3	19:09:07	T	1.1	16.6	0.55	21.87	22.95	96.88	7.43	3.30	7.78	4
2013/04/19	ME	DS4	19:15:30	B	3.9	72.8	0.84	21.29	25.33	89.88	6.87	3.70	7.79	5
2013/04/19	ME	DS4	19:16:18	M	3.1	325.3	0.70	21.17	25.86	88.58	6.77	2.60	7.75	5
2013/04/19	ME	DS4	19:17:08	T	1.0	53.9	0.16	21.94	22.34	96.53	7.42	2.70	7.78	5
2013/04/19	ME	DS4	19:18:08	B	3.9	25.6	0.24	21.36	25.07	90.36	6.91	2.60	7.75	4
2013/04/19	ME	DS4	19:19:13	M	3.0	144.1	0.31	21.44	24.79	91.74	7.02	2.60	7.76	3
2013/04/19	ME	DS4	19:20:08	T	0.7	27.2	0.45	21.99	22.13	98.10	7.54	2.70	7.78	4
2013/04/19	ME	DS4	19:21:07	B	4.1	260.0	0.14	21.13	26.23	89.44	6.82	2.50	7.75	3
2013/04/19	ME	DS4	19:22:07	M	3.0	47.2	0.33	21.47	24.73	92.02	7.04	2.80	7.77	4
2013/04/19	ME	DS4	19:23:09	T	1.0	103.0	0.56	21.67	23.68	93.80	7.19	3.20	7.77	4
2013/04/19	ME	DS5	19:30:37	B	2.1	177.1	0.18	21.61	23.70	91.76	7.04	2.80	7.77	3
2013/04/19	ME	DS5	19:31:47	T	1.0	8.7	0.51	21.77	22.83	95.73	7.36	2.70	7.78	4
2013/04/19	ME	DS5	19:32:35	B	2.2	141.0	0.18	21.57	23.99	91.45	7.01	2.80	7.77	4
2013/04/19	ME	DS5	19:33:07	T	1.0	14.9	0.23	21.63	23.48	93.43	7.17	2.60	7.77	5
2013/04/19	ME	DS5	19:34:07	B	2.2	187.5	0.43	21.53	24.10	92.53	7.09	2.50	7.76	4
2013/04/19	ME	DS5	19:35:07	T	1.0	210.8	0.06	21.85	22.61	95.90	7.37	2.70	7.78	4
2013/04/19	ME	US1	19:51:59	B	2.8	68.8	0.83	21.75	23.88	92.81	7.10	10.40	7.78	11
2013/04/19	ME	US1	19:52:56	T	0.9	20.6	0.40	22.01	22.98	97.86	7.48	7.80	7.80	4
2013/04/19	ME	US1	19:53:35	B	2.9	317.4	0.22	21.48	24.96	91.91	7.02	9.40	7.76	10
2013/04/19	ME	US1	19:54:34	T	1.0	118.3	0.12	22.53	21.17	105.98	8.11	4.90	7.88	4
2013/04/19	ME	US1	19:55:20	B	3.1	43.5	0.08	21.56	24.81	94.47	7.21	10.80	7.78	11
2013/04/19	ME	US1	19:56:11	T	1.0	12.9	0.49	22.77	20.48	109.93	8.41	3.90	7.92	4
2013/04/19	ME	US2	20:03:52	B	3.0	186.5	0.80	21.09	26.85	88.17	6.71	7.80	7.75	8
2013/04/19	ME	US2	20:04:45	T	1.1	167.4	0.39	21.56	24.65	91.04	6.95	8.00	7.76	5
2013/04/19	ME	US2	20:05:35	B	3.0	143.7	0.62	21.40	25.40	90.24	6.88	7.60	7.75	8
2013/04/19	ME	US2	20:06:30	T	1.1	48.5	0.16	22.82	20.45	109.55	8.38	3.80	7.92	5
2013/04/19	ME	US2	20:07:26	B	3.0	240.0	0.19	21.19	26.64	95.18	7.23	7.10	7.76	7
2013/04/19	ME	US2	20:08:41	T	1.1	98.1	0.72	22.28	22.07	99.83	7.64	7.80	7.83	7
2013/04/19	ME	MW1	20:20:39	B	18.7	113.4	0.15	20.45	31.51	84.31	6.31	1.77	7.85	3
2013/04/19	ME	MW1	20:21:43	M	10.0	144.1	0.37	20.66	30.24	84.79	6.37	1.37	7.84	5
2013/04/19	ME	MW1	20:22:41	T	1.1	140.2	0.45	22.36	22.06	99.12	7.57	2.07	7.85	4
2013/04/19	ME	MW1	20:24:40	B	18.7	113.4	0.15	20.48	31.39	84.76	6.35	1.47	7.86	4
2013/04/19	ME	MW1	20:25:39	M	10.1	161.6	0.20	20.55	30.37	84.75	6.37	1.27	7.85	5
2013/04/19	ME	MW1	20:26:36	T	1.2	22.8	0.06	22.33	21.96	98.78	7.56	2.17	7.86	3
2013/04/19	ME	MW1	20:27:44	B	18.6	114.7	0.15	20.48	31.39	84.63	6.34	1.67	7.87	4
2013/04/19	ME	MW1	20:28:45	M	9.9	179.8	0.49	20.66	30.22	84.62	6.36	1.47	7.85	5
2013/04/19	ME	MW1	20:29:48	T	1.2	92.3	0.05	22.31	21.93	99.63	7.62	2.07	7.87	3
2013/04/19	ME	THB1	18:53:48	B	3.1	257.7	0.05	21.10	26.43	80.01	6.10	8.47	7.78	11
2013/04/19	ME	THB1	18:54:56	T	1.1	213.0	0.38	22.39	21.47	105.41	8.08	4.17	7.93	5
2013/04/19	ME	THB1	18:55:43	B	2.9	20.3	0.08	21.24	25.66	78.31	5.98	9.07	7.71	10
2013/04/19	ME	THB1	18:56:32	T	1.1	213.0	0.38	22.39	21.33	104.10	7.98	3.87	7.93	3
2013/04/19	ME	THB1	18:57:47	B	2.9	20.3	0.08	21.23	25.64	76.80	5.87	8.97	7.71	11
2013/04/19	ME	THB1	18:58:31	T	1.2	213.0	0.38	22.26	21.58	100.80	7.74	3.97	7.90	5
2013/04/19	ME	THB2	18:16:15	M	1.5	40.0	0.05	23.16	21.87	92.72	6.99	4.31	7.67	8
2013/04/19	ME	THB2	18:17:15	M	1.5	40.0	0.05	23.16	21.77	93.37	7.04	4.91	7.68	6
2013/04/19	ME	THB2	18:18:11	M	1.5	40.0	0.05	23.17	21.85	93.92	7.08	5.10	7.68	6
2013/04/19	ME	WSR45C	19:20:17	B	11.9	56.7	0.22	20.39	31.18	81.15	6.09	9.17	7.85	11
2013/04/19	ME	WSR45C	19:21:08	M	6.6	4.4	0.32	20.66	29.60	83.22	6.28	1.87	7.84	7
2013/04/19	ME	WSR45C	19:22:46	T	1.2	3.9	0.36	21.77	23.56	94.18	7.21	3.27	7.83	5
2013/04/19	ME	WSR45C	19:24:30	B	11.7	85.3	0.16	20.41	31.07	81.50	6.12	9.27	7.84	11
2013/04/19	ME	WSR45C	19:25:21	M	6.6	89.8	0.30	20.72	29.26	83.67	6.32	2.57	7.84	7
2013/04/19	ME	WSR45C	19:26:18	T	1.0	10.3	0.31	21.90	23.18	95.23	7.29	2.97	7.84	4
2013/04/19	ME	WSR45C	19:28:01	B	11.6	151.4	0.13	20.38	31.30	80.97	6.08	10.77	7.86	12
2013/04/19	ME	WSR45C	19:29:05	M	6.6	41.3	0.21	20.67	29.58	84.03	6.34	1.97	7.85	8
2013/04/19	ME	WSR45C	19:31:03	T	1.0	52.1	0.68	22.00	22.34	97.65	7.50	3.27	7.86	5
2013/04/19	ME	WSR46	18:20:53	B	8.8	117.0	0.29	20.63	29.92	83.91	6.32	3.27	7.76	6
2013/04/19	ME	WSR46	18:21:45	M	5.0	121.3	0.14	20.81	28.22	81.81	6.20	4.37	7.75	6
2013/04/19	ME	WSR46	18:23:07	T	1.0	345.8	1.14	22.45	21.64	95.75	7.32	5.97	7.78	6
2013/04/19	ME	WSR46	18:25:27	B	8.7	330.9	0.17	20.65	29.90	84.86	6.39	3.97	7.81	5
2013/04/19	ME	WSR46	18:26:10	M	5.0	311.7	0.42	20.72	28.45	82.27	6.24	4.37	7.7	