

Impact Water Quality Monitoring for Dredging Activities at SB CMP 2

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)
2013/11/11	MF	DS1	13:15:44	B	3.0	243.6	0.23	25.00	29.61	94.26	6.58	13.88	8.08	19
2013/11/11	MF	DS1	13:16:34	T	0.9	272.9	0.43	25.00	29.65	94.17	6.57	13.18	8.10	18
2013/11/11	MF	DS1	13:17:24	B	2.9	276.0	0.83	25.00	29.66	93.88	6.55	13.68	8.11	20
2013/11/11	MF	DS1	13:18:19	T	1.1	272.9	0.43	25.01	29.66	94.08	6.57	12.38	8.10	19
2013/11/11	MF	DS1	13:19:04	B	3.1	243.6	0.23	25.01	29.66	93.89	6.55	12.98	8.09	19
2013/11/11	MF	DS1	13:19:59	T	1.2	272.9	0.43	25.01	29.67	94.09	6.57	12.98	8.08	18
2013/11/11	MF	DS2	13:24:44	B	3.0	326.6	0.35	25.02	29.68	94.53	6.60	10.38	8.07	12
2013/11/11	MF	DS2	13:25:44	T	0.9	73.5	0.25	25.03	29.68	94.43	6.59	9.88	8.07	12
2013/11/11	MF	DS2	13:26:34	B	2.9	342.3	0.40	25.02	29.67	94.14	6.57	11.18	8.07	13
2013/11/11	MF	DS2	13:27:19	T	0.9	73.5	0.25	25.03	29.67	94.24	6.58	9.88	8.07	12
2013/11/11	MF	DS2	13:28:09	B	3.0	156.2	0.25	25.03	29.67	94.05	6.56	10.68	8.07	11
2013/11/11	MF	DS2	13:29:09	T	1.1	70.5	0.93	25.03	29.67	94.26	6.58	9.48	8.07	11
2013/11/11	MF	DS3	13:35:49	B	2.0	216.8	0.56	24.99	29.64	95.41	6.66	10.88	8.08	17
2013/11/11	MF	DS3	13:36:44	T	1.0	190.5	0.40	25.00	29.64	95.11	6.64	10.58	8.08	16
2013/11/11	MF	DS3	13:37:34	B	2.2	139.1	0.35	25.00	29.64	95.02	6.63	10.78	8.08	16
2013/11/11	MF	DS3	13:38:19	T	1.1	190.5	0.40	25.00	29.64	95.02	6.63	11.18	8.08	16
2013/11/11	MF	DS3	13:39:09	B	2.1	274.7	0.48	25.00	29.64	94.93	6.63	10.08	8.08	15
2013/11/11	MF	DS3	13:39:59	T	1.1	190.5	0.40	25.00	29.64	94.93	6.63	10.68	8.08	16
2013/11/11	MF	DS4	13:46:35	B	3.0	262.7	0.16	24.95	29.65	96.19	6.72	14.78	8.08	23
2013/11/11	MF	DS4	13:47:44	T	1.0	57.2	1.09	24.95	29.64	95.99	6.71	15.79	8.09	22
2013/11/11	MF	DS4	13:48:44	B	2.8	192.6	0.33	24.95	29.63	95.60	6.68	17.79	8.09	22
2013/11/11	MF	DS4	13:49:30	T	0.9	57.2	1.09	24.95	29.64	95.80	6.69	16.79	8.09	22
2013/11/11	MF	DS4	13:50:14	B	2.8	357.9	0.11	24.95	29.66	95.71	6.69	17.59	8.08	23
2013/11/11	MF	DS4	13:50:59	T	1.0	57.2	1.09	24.95	29.65	96.02	6.71	15.49	8.08	22
2013/11/11	MF	DS5	13:58:04	B	4.1	319.2	0.51	24.85	29.53	94.26	6.60	16.59	8.05	21
2013/11/11	MF	DS5	13:58:59	M	3.0	259.2	0.21	24.85	29.53	94.16	6.59	15.39	8.05	22
2013/11/11	MF	DS5	13:59:59	T	0.9	344.3	0.77	24.85	29.52	94.37	6.61	15.59	8.05	19
2013/11/11	MF	DS5	14:00:59	B	3.9	197.0	0.51	24.85	29.52	94.08	6.59	15.49	8.05	22
2013/11/11	MF	DS5	14:01:59	M	2.9	259.2	0.21	24.86	29.53	94.28	6.60	14.38	8.04	22
2013/11/11	MF	DS5	14:02:59	T	1.1	98.3	0.37	24.84	29.51	94.19	6.60	14.88	8.04	18
2013/11/11	MF	DS5	14:03:59	B	3.8	317.1	0.38	24.86	29.54	94.30	6.60	14.48	8.04	23
2013/11/11	MF	DS5	14:04:59	M	2.9	326.8	0.33	24.85	29.52	94.20	6.60	15.19	8.04	21
2013/11/11	MF	DS5	14:05:59	T	1.1	262.3	0.15	24.85	29.52	94.21	6.60	15.39	8.04	19
2013/11/11	MF	US1	14:57:49	B	3.0	265.3	0.18	25.05	30.01	94.37	6.57	6.98	8.08	11
2013/11/11	MF	US1	14:58:49	T	1.1	343.4	1.36	25.05	29.89	93.87	6.54	7.38	8.07	9
2013/11/11	MF	US1	14:59:54	B	3.0	327.6	0.09	25.05	29.85	93.17	6.49	7.88	8.06	10
2013/11/11	MF	US1	15:00:39	T	1.0	358.9	0.26	25.05	29.83	93.18	6.49	7.68	8.06	10
2013/11/11	MF	US1	15:01:24	B	3.0	118.2	0.38	25.05	29.82	93.08	6.49	7.68	8.06	10
2013/11/11	MF	US1	15:02:14	T	1.1	358.9	0.26	25.05	29.80	93.29	6.50	7.18	8.06	10
2013/11/11	MF	US2	15:06:34	B	4.0	266.0	1.05	25.04	29.93	91.50	6.37	9.38	8.04	11
2013/11/11	MF	US2	15:07:54	M	3.1	301.4	0.94	25.04	29.93	91.61	6.38	7.88	8.05	10
2013/11/11	MF	US2	15:08:35	T	1.2	78.2	0.20	25.05	29.93	91.82	6.39	8.08	8.05	8
2013/11/11	MF	US2	15:09:24	B	4.0	340.0	0.19	25.04	29.94	91.32	6.36	8.28	8.05	11
2013/11/11	MF	US2	15:10:05	M	3.1	222.3	0.33	25.04	29.94	91.43	6.37	8.38	8.05	8
2013/11/11	MF	US2	15:10:59	T	1.0	172.4	0.73	25.04	29.93	91.63	6.38	8.18	8.05	10
2013/11/11	MF	US2	15:11:59	B	3.8	279.6	0.08	25.04	29.94	91.24	6.35	9.08	8.05	11
2013/11/11	MF	US2	15:12:59	M	3.1	124.9	0.36	25.04	29.95	91.14	6.35	8.88	8.05	8
2013/11/11	MF	US2	15:14:04	T	1.0	270.4	0.43	25.04	29.96	91.35	6.36	8.08	8.05	10
2013/11/11	MF	MW1	15:06:55	B	19.1	90.7	0.86	25.06	31.32	86.62	5.98	7.70	7.91	11
2013/11/11	MF	MW1	15:08:00	M	10.3	142.9	0.17	25.06	31.30	86.16	5.95	6.94	7.90	9
2013/11/11	MF	MW1	15:08:46	T	1.3	115.6	0.26	25.13	31.21	87.40	6.03	4.10	7.90	8
2013/11/11	MF	MW1	15:10:10	B	19.1	18.8	0.47	25.06	31.31	85.98	5.94	7.58	7.89	11
2013/11/11	MF	MW1	15:11:07	M	10.4	358.9	0.45	25.06	31.29	86.23	5.96	6.99	7.89	10
2013/11/11	MF	MW1	15:12:23	T	0.8	150.2	0.35	25.13	31.20	87.54	6.04	4.13	7.89	7
2013/11/11	MF	MW1	15:13:46	B	19.3	329.0	0.15	25.06	31.30	86.10	5.95	7.37	7.89	10
2013/11/11	MF	MW1	15:14:34	M	10.5	190.2	0.27	25.06	31.29	86.15	5.95	8.04	7.89	9
2013/11/11	MF	MW1	15:15:32	T	0.9	150.2	0.35	25.13	31.21	87.47	6.04	4.18	7.89	8
2013/11/11	MF	THB1	13:46:09	B	2.9	260.5	0.81	25.02	30.31	92.82	6.45	8.52	7.88	13
2013/11/11	MF	THB1	13:47:07	T	0.9	106.4	0.92	25.02	30.31	92.67	6.44	8.44	7.88	11
2013/11/11	MF	THB1	13:48:09	B	3.1	218.3	0.50	25.02	30.31	92.49	6.43	8.73	7.88	12
2013/11/11	MF	THB1	13:49:08	T	1.2	316.5	0.67	25.02	30.31	92.60	6.44	8.45	7.88	12
2013/11/11	MF	THB1	13:50:14	B	2.9	244.8	0.76	25.02	30.31	92.57	6.44	8.78	7.88	13
2013/11/11	MF	THB1	13:51:14	T	0.9	19.3	0.20	25.02	30.31	92.70	6.45	8.45	7.88	12
2013/11/11	MF	WSR45C	14:10:21	B	12.1	268.2	0.33	25.04	30.69	90.35	6.27	6.00	7.88	11
2013/11/11	MF	WSR45C	14:11:16	M	6.9	197.1	0.69	25.05	30.68	90.29	6.26	5.54	7.89	8
2013/11/11	MF	WSR45C	14:12:16	T	1.0	307.3	0.45	25.06	30.66	90.85	6.30	6.03	7.89	9
2013/11/11	MF	WSR45C	14:13:18	B	11.9	326.9	0.40	25.05	30.69	89.76	6.22	6.02	7.88	13
2013/11/11	MF	WSR45C	14:14:12	M	7.0	303.7	0.30	25.05	30.68	90.26	6.26	5.53	7.89	8
2013/11/11	MF	WSR45C	14:15:21	T	0.8	238.9	0.24	25.06	30.65	91.01	6.31	6.42	7.89	9
2013/11/11	MF	WSR45C	14:16:27	B	11.8	256.4	0.88	25.05	30.70	89.80	6.23	5.61	7.89	13
2013/11/11	MF	WSR45C	14:17:15	M	7.3	299.8	0.32	25.05	30.70	90.04	6.24	5.66	7.89	10
2013/11/11	MF	WSR45C	14:18:12	T	1.1	225.5	0.86	25.06	30.67	90.83	6.30	6.36	7.89	9
2013/11/11	MF	WSR46	13:17:38	B	8.2	141.9	0.36	25.08	30.42	89.89	6.24	9.92	7.78	13
2013/11/11	MF	WSR46	13:18:33	M	5.0	267.2	0.61	25.04	30.27	91.03	6.33	9.30	7.80	14
2013/11/11	MF	WSR46	13:19:39	T	1.1	344.1	0.06	25.03	30.14	91.90	6.39	8.16	7.81	13
2013/11/11	MF	WSR46	13:20:43	B	8.2	297.0	0.45	25.07	30.45	90.01	6.25	10.60	7.81	12
2013/11/11	MF	WSR46	13:21:28	M	5.2	272.8	0.41	25.05	30.34	90.63	6.30	8.58	7.82	14
2013/11/11	MF	WSR46	13:22:23	T	1.1	312.3	0.51	24.99	30.12	92.13	6.42	8.77	7.83	12
2013/11/11	MF	WSR46	13:23:33	B	7.9	354.4	0.23	25.06	30.50	90.59	6.29	10.11	7.84	14
2013/11/11	MF	WSR46	13:25:36	M	5.1	329.3	0.80	25.02	30.27	91.26	6.35	9.23	7.85	14
2013/11/11	MF	WSR46	13:26:20	T	1.2	346.1	0.95	24.99	30.15	91.93	6.40	8.79	7.85	13

