

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)
2013/10/16	MF	DS1	16:00:08	B	1.9	350.6	0.37	27.52	27.67	101.23	6.85	15.99	7.88	9
2013/10/16	MF	DS1	16:01:07	T	1.0	179.9	0.82	27.52	27.68	100.54	6.80	15.79	7.89	8
2013/10/16	MF	DS1	16:02:12	B	2.2	197.2	0.69	27.53	27.71	100.25	6.78	14.58	7.89	9
2013/10/16	MF	DS1	16:03:07	T	0.9	202.6	0.38	27.52	27.71	100.26	6.78	14.68	7.90	9
2013/10/16	MF	DS1	16:04:31	B	2.1	205.9	0.33	27.53	27.72	99.87	6.75	14.68	7.90	8
2013/10/16	MF	DS1	16:05:09	T	1.0	202.6	0.38	27.53	27.72	99.88	6.75	15.29	7.90	9
2013/10/16	MF	DS2	16:10:55	B	2.2	205.9	0.33	27.47	27.69	106.96	7.23	11.98	7.96	7
2013/10/16	MF	DS2	16:11:10	T	1.1	213.2	0.94	27.55	27.65	106.56	7.21	12.08	7.96	6
2013/10/16	MF	DS2	16:12:08	B	2.2	205.9	0.33	27.54	27.65	105.47	7.13	13.28	7.95	6
2013/10/16	MF	DS2	16:13:09	T	0.9	272.9	0.55	27.54	27.65	105.18	7.11	12.28	7.94	7
2013/10/16	MF	DS2	16:14:07	B	2.1	195.9	0.19	27.54	27.65	105.18	7.11	12.88	7.94	8
2013/10/16	MF	DS2	16:15:22	T	0.9	322.8	0.92	27.54	27.65	104.79	7.09	12.48	7.94	7
2013/10/16	MF	DS3	16:23:44	B	2.2	219.4	0.48	27.62	27.73	110.21	7.44	20.39	7.98	12
2013/10/16	MF	DS3	16:24:24	T	0.9	255.4	0.48	27.61	27.73	110.21	7.44	19.39	7.98	12
2013/10/16	MF	DS3	16:25:52	B	1.8	277.7	0.50	27.60	27.72	110.23	7.44	20.59	7.98	12
2013/10/16	MF	DS3	16:26:30	T	0.9	135.7	0.17	27.60	27.72	110.24	7.45	20.89	7.98	10
2013/10/16	MF	DS3	16:27:19	B	1.8	219.8	0.65	27.60	27.71	110.24	7.45	21.79	7.98	12
2013/10/16	MF	DS3	16:28:25	T	0.9	228.5	0.44	27.60	27.72	110.16	7.44	23.09	7.98	12
2013/10/16	MF	DS4	16:34:35	B	2.0	145.5	0.33	27.63	27.83	111.33	7.51	16.29	7.99	13
2013/10/16	MF	DS4	16:35:25	T	1.0	44.0	0.62	27.63	27.83	111.54	7.52	18.49	7.99	12
2013/10/16	MF	DS4	16:36:08	B	2.0	189.4	0.60	27.63	27.83	111.44	7.52	17.99	7.99	13
2013/10/16	MF	DS4	16:37:14	T	1.0	184.6	0.65	27.64	27.83	111.45	7.52	17.29	7.99	10
2013/10/16	MF	DS4	16:38:11	B	2.2	70.9	0.21	27.64	27.83	111.26	7.50	18.49	7.99	14
2013/10/16	MF	DS4	16:39:19	T	0.9	278.8	0.60	27.63	27.82	111.48	7.52	16.79	7.99	11
2013/10/16	MF	DS5	16:47:44	B	3.0	333.1	0.43	27.64	27.84	107.94	7.28	24.09	7.97	14
2013/10/16	MF	DS5	16:48:31	T	0.9	349.2	0.43	27.62	27.83	108.05	7.29	23.29	7.97	16
2013/10/16	MF	DS5	16:49:34	B	2.9	57.8	0.85	27.64	27.83	108.06	7.29	24.09	7.97	14
2013/10/16	MF	DS5	16:50:20	T	1.1	349.2	0.43	27.62	27.83	108.06	7.29	23.79	7.97	14
2013/10/16	MF	DS5	16:51:25	B	2.9	263.2	0.86	27.67	27.87	108.28	7.30	23.69	7.97	15
2013/10/16	MF	DS5	16:52:19	T	1.1	278.0	0.46	27.61	27.84	108.09	7.29	22.19	7.97	14
2013/10/16	MF	US1	17:39:45	B	3.0	244.1	0.89	27.53	28.08	101.08	6.82	16.09	7.92	11
2013/10/16	MF	US1	17:40:20	T	1.0	111.4	0.61	27.50	28.08	100.37	6.77	17.59	7.92	12
2013/10/16	MF	US1	17:41:18	B	3.0	57.2	0.19	27.54	28.09	99.67	6.72	17.39	7.91	11
2013/10/16	MF	US1	17:42:34	T	1.3	111.4	0.61	27.54	28.09	99.69	6.73	15.89	7.91	10
2013/10/16	MF	US1	17:43:25	B	2.7	275.4	0.44	27.54	28.09	99.69	6.73	17.39	7.91	10
2013/10/16	MF	US1	17:44:06	T	1.1	266.5	0.69	27.52	28.12	99.90	6.74	15.59	7.91	9
2013/10/16	MF	US2	17:52:03	B	3.1	294.8	0.86	27.55	28.43	95.92	6.46	18.09	7.88	11
2013/10/16	MF	US2	17:53:47	T	1.0	330.3	0.12	27.46	28.28	97.16	6.56	12.68	7.89	9
2013/10/16	MF	US2	17:54:44	B	3.0	90.1	0.56	27.56	28.38	93.72	6.31	17.29	7.88	11
2013/10/16	MF	US2	17:55:28	T	0.9	330.3	0.12	27.47	28.27	97.07	6.55	12.98	7.89	8
2013/10/16	MF	US2	17:56:14	B	2.9	267.6	0.95	27.55	28.37	93.63	6.30	20.49	7.88	11
2013/10/16	MF	US2	17:57:14	T	0.8	326.0	0.72	27.48	28.29	96.48	6.51	15.59	7.89	7
2013/10/16	MF	MW1	18:22:14	B	19.0	302.4	0.30	27.65	30.39	83.68	5.56	14.48	8.01	15
2013/10/16	MF	MW1	18:23:04	M	10.5	224.5	0.38	27.64	30.23	84.28	5.61	12.38	8.01	12
2013/10/16	MF	MW1	18:23:59	T	1.0	89.8	0.21	27.56	29.59	87.48	5.85	4.97	8.00	7
2013/10/16	MF	MW1	18:25:09	B	19.0	318.3	0.43	27.65	30.38	83.08	5.52	14.98	8.00	17
2013/10/16	MF	MW1	18:25:59	M	10.5	316.6	0.28	27.64	30.23	84.08	5.59	11.08	8.00	13
2013/10/16	MF	MW1	18:26:59	T	1.1	333.2	0.36	27.56	29.59	87.58	5.86	4.57	7.99	5
2013/10/16	MF	MW1	18:28:09	B	19.0	183.4	0.35	27.65	30.43	82.98	5.51	13.88	7.99	15
2013/10/16	MF	MW1	18:28:59	M	10.5	318.2	0.41	27.64	30.28	83.78	5.57	11.18	7.99	14
2013/10/16	MF	MW1	18:29:59	T	1.1	132.7	0.56	27.56	29.64	87.38	5.84	5.08	7.99	6
2013/10/16	MF	THB1	16:34:59	B	3.0	255.4	0.02	27.50	27.46	97.13	6.58	12.68	8.07	13
2013/10/16	MF	THB1	16:36:04	T	1.1	340.5	0.48	27.50	27.42	96.63	6.55	12.28	8.07	12
2013/10/16	MF	THB1	16:36:59	B	3.0	236.8	0.66	27.51	27.43	96.63	6.55	14.38	8.05	13
2013/10/16	MF	THB1	16:38:09	T	1.1	180.7	0.88	27.51	27.40	96.43	6.53	13.08	8.04	12
2013/10/16	MF	THB1	16:38:59	B	3.0	211.4	0.49	27.50	27.42	96.63	6.55	13.08	8.05	14
2013/10/16	MF	THB1	16:39:59	T	1.1	170.2	0.53	27.47	27.39	95.73	6.56	10.38	8.05	12
2013/10/16	MF	THB2	17:19:44	M	1.4	40.0	0.03	27.88	27.54	106.34	7.15	15.69	7.93	7
2013/10/16	MF	THB2	17:20:44	M	1.4	40.0	0.03	27.87	27.52	105.65	7.11	15.29	7.92	7
2013/10/16	MF	THB2	17:21:28	M	1.4	40.0	0.03	27.87	27.49	105.35	7.09	14.48	7.92	6
2013/10/16	MF	WSR45C	17:39:19	B	12.0	183.3	0.53	27.64	29.42	85.86	5.74	9.98	8.00	11
2013/10/16	MF	WSR45C	17:40:09	M	7.0	263.2	0.43	27.63	29.26	85.36	5.71	8.18	7.99	8
2013/10/16	MF	WSR45C	17:40:59	T	1.1	235.9	0.51	27.52	28.26	95.67	6.45	4.97	8.02	7
2013/10/16	MF	WSR45C	17:41:59	B	11.9	241.2	0.42	27.64	29.38	84.56	5.65	10.88	7.99	12
2013/10/16	MF	WSR45C	17:42:59	M	7.0	264.8	0.21	27.64	29.29	84.86	5.68	8.38	7.99	7
2013/10/16	MF	WSR45C	17:43:59	T	1.0	277.4	0.38	27.51	28.25	96.27	6.49	4.87	8.02	7
2013/10/16	MF	WSR45C	17:46:29	B	12.0	220.1	0.31	27.64	29.44	84.26	5.63	11.38	7.98	12
2013/10/16	MF	WSR45C	17:47:09	M	7.0	226.3	0.19	27.64	29.26	85.16	5.70	7.68	7.98	8
2013/10/16	MF	WSR45C	17:47:59	T	1.1	234.3	0.36	27.54	28.32	94.47	6.36	5.98	8.01	6
2013/10/16	MF	WSR46	16:02:39	B	9.0	286.4	0.26	27.57	28.11	95.41	6.43	8.68	8.08	8
2013/10/16	MF	WSR46	16:03:29	M	5.5	287.2	0.84	27.62	27.72	96.91	6.54	5.88	8.09	6
2013/10/16	MF	WSR46	16:04:14	T	1.1	325.2	0.81	27.64	27.45	102.61	6.93	4.17	8.11	5
2013/10/16	MF	WSR46	16:04:59	B	8.9	337.0	0.42	27.59	28.14	95.31	6.42	9.08	8.08	9
2013/10/16	MF	WSR46	16:05:59	M	5.5	287.2	0.84	27.63	27.72	97.61	6.60	6.98	8.07	6
2013/10/16	MF	WSR46	16:06:59	T	1.1	325.2	0.81	27.65	27.52	103.12	6.93	5.38	8.08	7
2013/10/16	MF	WSR46	16:12:19	B	8.9	21.1	0.42	27.58	28.11	94.92	6.40	11.18	8.07	9
2013/10/16	MF	WSR46	16:13:03	M	5.5	321.3	0.60	27.62	27.82	96.22	6.49	8.28	8.07	6
2013/10/16	MF	WSR46	16:13:59	T	1.0	289.9	0.72	27.65	27.56	99.02	6.69	5.68	8.07	6

