

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)
2013/12/06	MF	DS1	9:04:11	B	1.9	157.0	0.15	20.16	31.68	96.26	7.24	14.18	8.05	17
2013/12/06	MF	DS1	9:05:13	T	1.0	190.9	0.49	20.16	31.69	94.87	7.13	17.18	8.04	17
2013/12/06	MF	DS1	9:06:16	B	2.0	267.3	0.49	20.16	31.69	94.48	7.11	16.38	8.04	19
2013/12/06	MF	DS1	9:07:41	T	0.8	190.9	0.49	20.18	31.68	94.79	7.13	13.98	8.03	17
2013/12/06	MF	DS1	9:08:33	B	2.3	267.5	0.52	20.17	31.68	94.50	7.11	15.68	8.03	19
2013/12/06	MF	DS1	9:09:23	T	1.0	190.9	0.49	20.18	31.68	94.61	7.11	14.08	8.03	18
2013/12/06	MF	DS2	9:15:00	B	2.0	30.6	0.55	20.08	31.71	94.68	7.13	9.88	8.04	11
2013/12/06	MF	DS2	9:15:59	T	1.0	85.4	0.31	20.12	31.71	94.19	7.09	9.98	8.04	10
2013/12/06	MF	DS2	9:18:02	B	2.0	311.4	0.45	20.10	31.72	93.80	7.06	10.28	8.04	11
2013/12/06	MF	DS2	9:18:12	T	1.0	85.4	0.31	20.14	31.71	93.91	7.06	9.58	8.01	10
2013/12/06	MF	DS2	9:20:11	B	2.0	345.8	0.34	20.12	31.71	93.52	7.04	10.88	8.00	12
2013/12/06	MF	DS2	9:21:21	T	1.0	85.4	0.31	20.12	31.71	93.73	7.05	10.38	8.01	9
2013/12/06	MF	DS3	9:28:59	M	1.5	121.4	0.37	19.90	31.80	93.61	7.07	13.88	8.03	17
2013/12/06	MF	DS3	9:30:09	M	1.5	261.8	0.43	19.90	31.80	93.43	7.06	15.18	8.04	18
2013/12/06	MF	DS3	9:31:15	M	1.5	261.8	0.43	19.90	31.80	93.24	7.04	15.58	8.04	18
2013/12/06	MF	DS4	9:37:53	B	2.0	190.7	0.98	19.78	31.84	94.72	7.17	17.18	8.04	19
2013/12/06	MF	DS4	9:38:45	T	1.0	158.7	0.26	19.78	31.84	94.32	7.14	12.98	8.04	12
2013/12/06	MF	DS4	9:39:48	B	2.2	325.0	0.50	19.76	31.84	93.83	7.10	15.28	8.04	20
2013/12/06	MF	DS4	9:40:37	T	1.0	158.7	0.26	19.78	31.84	94.04	7.12	14.08	8.04	13
2013/12/06	MF	DS4	9:41:32	B	2.4	251.3	1.11	19.76	31.84	93.75	7.10	15.48	8.04	20
2013/12/06	MF	DS4	9:42:19	T	1.0	158.7	0.26	19.76	31.84	93.96	7.11	15.08	8.04	12
2013/12/06	MF	DS5	9:50:31	B	4.0	62.9	0.71	19.79	31.78	92.53	7.00	13.58	8.00	17
2013/12/06	MF	DS5	9:51:27	M	3.0	175.6	0.29	19.79	31.78	92.34	6.99	13.28	8.00	13
2013/12/06	MF	DS5	9:52:23	T	1.0	214.1	0.24	19.85	31.74	93.56	7.07	9.18	8.01	9
2013/12/06	MF	DS5	9:53:54	B	4.0	91.4	0.12	19.82	31.77	92.67	7.01	10.88	8.01	16
2013/12/06	MF	DS5	9:54:40	M	3.0	43.4	0.27	19.82	31.76	92.78	7.02	10.28	8.01	14
2013/12/06	MF	DS5	9:55:45	T	1.0	343.5	0.22	19.87	31.75	94.11	7.11	8.68	8.02	10
2013/12/06	MF	DS5	9:56:33	B	4.0	16.5	0.37	19.80	31.77	92.70	7.01	10.68	8.02	18
2013/12/06	MF	DS5	9:57:59	M	3.2	353.3	0.67	19.81	31.76	92.81	7.02	10.58	8.02	14
2013/12/06	MF	DS5	9:58:33	T	1.1	330.9	0.45	19.85	31.76	93.53	7.07	9.38	8.02	8
2013/12/06	MF	US1	10:33:51	B	2.0	330.5	0.46	20.23	31.62	95.84	7.20	10.48	8.03	12
2013/12/06	MF	US1	10:34:50	T	1.0	332.9	1.17	20.23	31.62	95.24	7.16	10.68	8.03	11
2013/12/06	MF	US1	10:35:58	B	2.0	236.0	0.41	20.24	31.62	95.15	7.15	10.28	8.03	12
2013/12/06	MF	US1	10:37:08	T	1.0	332.9	1.17	20.25	31.62	95.17	7.15	10.28	8.03	11
2013/12/06	MF	US1	10:38:08	B	2.0	324.8	0.56	20.22	31.62	94.77	7.12	11.78	8.03	12
2013/12/06	MF	US1	10:39:07	T	1.0	324.4	0.07	20.24	31.62	94.88	7.13	11.08	8.03	12
2013/12/06	MF	US2	10:47:45	B	3.5	209.1	0.39	20.25	31.64	94.47	7.09	10.48	8.02	10
2013/12/06	MF	US2	10:48:58	T	1.0	232.3	0.99	20.29	31.64	94.28	7.08	10.38	8.01	10
2013/12/06	MF	US2	10:49:42	B	3.5	344.6	0.38	20.25	31.65	93.57	7.03	11.48	7.98	10
2013/12/06	MF	US2	10:50:29	T	1.1	251.0	0.30	20.28	31.64	93.99	7.05	9.58	7.99	10
2013/12/06	MF	US2	10:52:02	B	3.5	232.0	0.93	20.25	31.65	93.50	7.02	10.38	7.99	11
2013/12/06	MF	US2	10:53:11	T	1.0	263.3	0.95	20.27	31.65	93.92	7.05	9.78	7.99	10
2013/12/06	MF	MW1	9:30:26	B	17.8	114.5	0.22	20.63	32.10	89.62	6.67	22.14	7.88	30
2013/12/06	MF	MW1	9:31:25	M	9.9	17.7	0.47	20.61	32.05	89.67	6.67	22.16	7.89	28
2013/12/06	MF	MW1	9:32:31	T	1.1	97.2	0.37	20.60	32.02	89.94	6.70	21.74	7.90	28
2013/12/06	MF	MW1	9:33:42	B	18.1	17.6	0.50	20.65	32.15	89.38	6.64	24.52	7.91	30
2013/12/06	MF	MW1	9:34:30	M	9.9	317.8	0.07	20.64	32.13	89.50	6.65	21.93	7.91	28
2013/12/06	MF	MW1	9:35:13	T	0.8	202.6	0.30	20.62	32.10	89.72	6.67	17.11	7.91	27
2013/12/06	MF	MW1	9:36:22	B	17.9	14.3	0.28	20.67	32.21	89.21	6.63	28.05	7.91	32
2013/12/06	MF	MW1	9:37:11	M	9.9	1.2	0.42	20.64	32.14	89.53	6.66	21.70	7.91	28
2013/12/06	MF	MW1	9:38:28	T	1.0	260.4	0.55	20.61	32.09	89.84	6.68	15.81	7.92	27
2013/12/06	MF	THB1	10:38:59	B	3.0	181.1	0.37	20.20	31.68	92.78	6.97	11.58	7.94	12
2013/12/06	MF	THB1	10:39:52	T	1.0	256.3	0.27	20.23	31.68	92.35	6.94	9.26	7.94	12
2013/12/06	MF	THB1	10:40:49	B	3.1	305.7	0.36	20.20	31.68	91.82	6.90	11.77	7.94	14
2013/12/06	MF	THB1	10:41:26	T	0.9	239.2	0.07	20.21	31.68	91.97	6.91	9.38	7.94	11
2013/12/06	MF	THB1	10:42:13	B	2.9	37.1	0.13	20.21	31.68	91.82	6.90	10.97	7.94	13
2013/12/06	MF	THB1	10:43:17	T	1.1	183.2	0.18	20.22	31.68	92.05	6.91	9.56	7.94	10
2013/12/06	MF	THB2	10:45:22	M	1.4	40.0	0.03	19.14	31.62	97.97	7.51	6.88	7.41	5
2013/12/06	MF	THB2	10:46:18	M	1.4	40.0	0.03	19.15	31.61	97.20	7.45	7.08	7.41	5
2013/12/06	MF	THB2	10:47:13	M	1.4	40.0	0.03	19.11	31.61	97.02	7.44	6.98	7.43	5
2013/12/06	MF	WSR45C	10:08:12	B	11.8	257.3	0.32	20.28	31.63	92.39	6.93	24.31	7.95	30
2013/12/06	MF	WSR45C	10:09:12	M	7.2	212.0	0.77	20.29	31.62	92.03	6.91	22.08	7.95	26
2013/12/06	MF	WSR45C	10:10:12	T	0.9	266.5	0.60	20.31	31.61	92.31	6.93	14.40	7.94	16
2013/12/06	MF	WSR45C	10:11:18	B	11.9	212.5	0.20	20.29	31.63	91.71	6.88	28.97	7.94	32
2013/12/06	MF	WSR45C	10:12:07	M	7.1	212.0	0.77	20.29	31.62	91.73	6.88	25.80	7.94	27
2013/12/06	MF	WSR45C	10:13:07	T	0.9	199.8	0.50	20.31	31.61	92.05	6.91	17.06	7.94	17
2013/12/06	MF	WSR45C	10:14:16	B	12.1	207.0	0.11	20.29	31.62	91.67	6.88	25.87	7.94	32
2013/12/06	MF	WSR45C	10:15:15	M	7.2	250.4	0.30	20.29	31.61	91.78	6.89	20.34	7.94	27
2013/12/06	MF	WSR45C	10:16:10	T	1.1	235.2	0.38	20.32	31.60	92.11	6.91	14.05	7.94	16
2013/12/06	MF	WSR46	11:14:16	B	9.1	299.5	0.47	20.26	31.64	93.51	7.02	14.85	7.95	14
2013/12/06	MF	WSR46	11:15:20	M	5.5	281.5	0.66	20.27	31.63	92.40	6.94	13.20	7.93	11
2013/12/06	MF	WSR46	11:16:13	T	1.1	297.1	0.50	20.32	31.61	92.65	6.95	9.65	7.93	8
2013/12/06	MF	WSR46	11:17:43	M	9.0	246.5	0.28	20.27	31.64	91.81	6.89	15.80	7.92	14
2013/12/06	MF	WSR46	11:18:25	M	5.3	226.1	0.18	20.28	31.63	91.94	6.90	12.83	7.92	10
2013/12/06	MF	WSR46	11:19:21	T	1.0	282.9	0.60	20.35	31.59	92.58	6.94	8.64	7.92	8
2013/12/06	MF	WSR46	11:20:10	B	9.2	220.4	0.08	20.27	31.64	91.72	6.89	16.18	7.91	15
2013/12/06	MF	WSR46	11:21:30	M	5.5	15.2	0.39	20.28	31.63	91.73	6.89	12.70	7.91	12
2013/12/06	MF	WSR46	11:22:30	T	0.9	301.7	0.58	20.32	31.62	92.35	6.93	10.31	7.91	8

