

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)
2014/05/09	MF	DS1	13:17:22	B	3.0	171.4	0.52	23.41	28.43	88.70	6.41	7.30	7.94	9
2014/05/09	MF	DS1	13:18:07	T	1.0	243.7	0.81	23.37	29.02	90.50	6.52	7.30	7.94	12
2014/05/09	MF	DS1	13:18:42	B	3.2	199.3	0.27	23.46	28.64	87.80	6.33	8.10	7.94	8
2014/05/09	MF	DS1	13:19:12	T	1.0	138.2	0.23	23.32	27.66	89.10	6.48	6.90	7.95	12
2014/05/09	MF	DS1	13:19:45	B	3.1	146.3	0.09	23.64	29.89	84.50	6.03	8.10	7.94	9
2014/05/09	MF	DS1	13:20:15	T	1.1	336.0	0.02	23.44	28.22	85.50	6.18	7.60	7.95	12
2014/05/09	MF	DS2	13:25:13	B	1.9	202.6	0.65	23.43	28.33	89.90	6.50	9.90	7.95	11
2014/05/09	MF	DS2	13:25:39	T	0.8	273.3	0.42	23.40	28.06	89.80	6.50	8.70	7.95	8
2014/05/09	MF	DS2	13:26:11	B	2.0	213.5	0.33	23.40	28.02	90.00	6.52	6.70	7.95	11
2014/05/09	MF	DS2	13:26:40	T	0.9	13.4	0.27	23.40	27.98	90.10	6.53	6.40	7.95	8
2014/05/09	MF	DS2	13:27:14	B	2.2	300.4	0.28	23.40	27.98	90.00	6.52	6.20	7.95	11
2014/05/09	MF	DS2	13:27:46	T	0.9	24.8	0.28	23.39	27.96	90.10	6.53	6.20	7.95	7
2014/05/09	MF	DS3	13:32:38	B	2.2	125.3	0.14	23.41	27.75	91.20	6.62	6.80	7.96	13
2014/05/09	MF	DS3	13:33:04	T	1.0	132.7	0.76	23.41	27.73	90.20	6.54	6.70	7.95	9
2014/05/09	MF	DS3	13:34:38	B	2.1	197.5	0.47	23.43	27.93	89.10	6.45	8.60	7.94	12
2014/05/09	MF	DS3	13:35:13	T	1.1	294.9	1.31	23.41	27.80	89.60	6.50	7.40	7.95	9
2014/05/09	MF	DS3	13:36:48	B	1.9	194.0	0.33	23.41	27.82	89.70	6.51	6.90	7.95	13
2014/05/09	MF	DS3	13:37:41	T	0.9	319.5	0.79	23.41	27.80	89.80	6.52	7.10	7.95	10
2014/05/09	MF	DS4	13:43:16	B	5.0	222.5	0.36	23.61	29.48	85.00	6.08	8.50	7.94	11
2014/05/09	MF	DS4	13:43:46	M	3.0	308.7	0.50	23.49	28.10	86.90	6.28	8.20	7.95	10
2014/05/09	MF	DS4	13:44:18	T	1.1	17.0	1.95	23.44	27.60	89.40	6.49	6.80	7.96	9
2014/05/09	MF	DS4	13:44:53	B	4.9	7.5	0.28	23.61	29.56	84.30	6.03	8.80	7.94	10
2014/05/09	MF	DS4	13:45:23	M	3.0	41.3	0.17	23.47	27.89	87.40	6.33	7.90	7.95	10
2014/05/09	MF	DS4	13:45:51	T	1.0	324.7	0.85	23.46	27.87	88.70	6.43	7.30	7.95	10
2014/05/09	MF	DS4	13:46:28	B	5.1	188.9	0.36	23.59	29.32	85.90	6.16	8.30	7.95	10
2014/05/09	MF	DS4	13:46:57	M	3.2	162.9	0.59	23.45	27.79	87.80	6.37	7.70	7.95	10
2014/05/09	MF	DS4	13:47:28	T	1.2	288.8	0.25	23.44	27.59	89.60	6.50	6.70	7.96	10
2014/05/09	MF	DS5	13:52:37	B	5.1	203.7	0.36	23.62	29.20	87.40	6.27	10.50	7.97	12
2014/05/09	MF	DS5	13:53:15	M	3.2	312.8	0.22	23.62	29.10	87.60	6.28	10.40	7.97	13
2014/05/09	MF	DS5	13:53:43	T	1.1	165.2	0.30	23.41	27.66	88.40	6.42	9.90	7.94	12
2014/05/09	MF	DS5	13:54:22	B	5.1	135.5	0.24	23.62	29.27	86.40	6.19	12.00	7.96	12
2014/05/09	MF	DS5	13:54:51	M	3.1	142.3	0.71	23.57	28.66	86.80	6.25	10.80	7.96	13
2014/05/09	MF	DS5	13:55:19	T	1.1	344.9	0.33	23.38	27.34	89.10	6.48	8.80	7.95	12
2014/05/09	MF	DS5	13:55:57	B	5.0	44.5	0.39	23.63	29.37	86.00	6.16	12.10	7.96	12
2014/05/09	MF	DS5	13:56:26	M	3.1	29.5	0.26	23.54	28.42	87.00	6.27	10.40	7.96	13
2014/05/09	MF	DS5	13:56:59	T	1.2	261.5	0.33	23.41	27.76	88.50	6.42	10.00	7.95	11
2014/05/09	MF	US1	14:18:00	B	2.9	245.5	0.58	23.55	29.90	90.30	6.45	8.40	7.95	13
2014/05/09	MF	US1	14:18:48	T	1.0	248.4	0.14	23.56	29.91	88.80	6.34	8.30	7.95	9
2014/05/09	MF	US1	14:19:22	B	3.2	232.5	0.43	23.56	29.93	88.40	6.31	9.50	7.95	12
2014/05/09	MF	US1	14:19:51	T	1.0	20.0	0.92	23.47	29.90	88.40	6.32	7.40	7.95	8
2014/05/09	MF	US1	14:20:26	B	3.1	159.3	0.17	23.56	29.90	88.40	6.32	9.70	7.95	13
2014/05/09	MF	US1	14:21:02	T	1.0	333.2	1.95	23.56	29.89	88.40	6.32	8.40	7.95	8
2014/05/09	MF	US2	14:25:45	B	11.1	331.7	0.09	23.65	31.23	83.40	5.90	6.70	7.95	11
2014/05/09	MF	US2	14:26:20	M	6.3	73.6	0.40	23.65	30.67	83.90	5.96	10.10	7.95	12
2014/05/09	MF	US2	14:26:56	T	1.1	299.4	0.73	23.59	29.81	87.90	6.28	7.70	7.96	11
2014/05/09	MF	US2	14:27:52	B	10.9	53.0	0.69	23.64	31.13	82.90	5.87	9.10	7.94	11
2014/05/09	MF	US2	14:28:25	M	6.5	156.8	0.33	23.65	30.68	83.60	5.94	10.20	7.95	11
2014/05/09	MF	US2	14:29:06	T	0.9	249.3	0.50	23.59	29.76	88.00	6.29	7.80	7.96	11
2014/05/09	MF	US2	14:29:58	B	11.1	221.0	0.63	23.65	31.15	82.90	5.87	8.00	7.95	11
2014/05/09	MF	US2	14:30:34	M	6.5	318.0	0.57	23.65	30.68	83.50	5.93	10.30	7.95	12
2014/05/09	MF	US2	14:31:15	T	1.0	180.8	0.65	23.59	29.76	87.90	6.28	7.80	7.96	11
2014/05/09	MF	MW1	15:24:54	B	19.4	0.7	0.42	23.54	32.21	84.70	5.98	3.90	7.96	8
2014/05/09	MF	MW1	15:25:38	M	10.6	40.4	0.33	23.53	31.99	85.20	6.02	3.40	7.96	5
2014/05/09	MF	MW1	15:26:17	T	1.3	42.6	0.64	23.52	31.55	87.70	6.21	2.80	7.96	4
2014/05/09	MF	MW1	15:27:21	B	18.8	32.5	0.56	23.54	32.11	84.60	5.98	3.80	7.96	9
2014/05/09	MF	MW1	15:28:00	M	10.7	2.0	0.28	23.53	32.07	84.70	5.98	3.50	7.96	4
2014/05/09	MF	MW1	15:28:43	T	1.1	119.5	0.60	23.52	31.52	87.40	6.20	2.60	7.96	3
2014/05/09	MF	MW1	15:29:45	B	19.0	293.8	0.43	23.54	32.15	84.20	5.94	3.70	7.96	9
2014/05/09	MF	MW1	15:30:22	M	10.5	153.2	0.28	23.53	32.11	84.20	5.94	4.40	7.96	4
2014/05/09	MF	MW1	15:31:05	T	0.9	119.9	0.40	23.52	31.53	87.00	6.16	2.80	7.96	4
2014/05/09	MF	THB1	14:07:15	B	2.0	47.8	1.24	23.50	29.03	88.00	6.33	9.80	7.94	12
2014/05/09	MF	THB1	14:07:44	T	1.1	262.5	0.21	23.47	28.64	87.60	6.32	10.70	7.94	13
2014/05/09	MF	THB1	14:08:15	B	2.0	321.8	0.78	23.49	28.75	87.50	6.30	10.50	7.94	12
2014/05/09	MF	THB1	14:08:43	T	1.1	231.0	1.37	23.46	28.63	87.80	6.33	9.40	7.94	12
2014/05/09	MF	THB1	14:09:19	B	1.9	273.4	0.96	23.45	28.50	88.10	6.36	8.20	7.94	11
2014/05/09	MF	THB1	14:09:46	T	1.1	269.2	0.80	23.46	28.64	88.00	6.35	8.00	7.94	13
2014/05/09	MF	WSR45C	14:43:07	B	11.8	229.4	0.61	23.63	31.06	83.60	5.93	10.90	7.93	12
2014/05/09	MF	WSR45C	14:43:46	M	6.8	280.7	0.31	23.67	30.44	85.00	6.05	8.10	7.94	10
2014/05/09	MF	WSR45C	14:44:28	T	1.1	3.0	0.83	23.60	29.93	87.70	6.26	6.10	7.95	11
2014/05/09	MF	WSR45C	14:45:29	B	11.9	359.6	0.30	23.65	30.68	84.20	5.98	9.30	7.94	13
2014/05/09	MF	WSR45C	14:46:10	M	6.8	168.3	0.54	23.67	30.48	84.70	6.02	8.20	7.95	10
2014/05/09	MF	WSR45C	14:46:45	T	1.1	247.6	0.65	23.61	29.92	87.30	6.23	6.30	7.95	11
2014/05/09	MF	WSR45C	14:47:40	B	12.1	270.9	0.37	23.63	31.20	83.00	5.88	11.60	7.94	12
2014/05/09	MF	WSR45C	14:48:25	M	7.0	290.1	0.13	23.65	30.52	84.30	5.99	8.50	7.95	10
2014/05/09	MF	WSR45C	14:49:09	T	1.0	256.7	1.04	23.61	29.99	87.20	6.23	6.40	7.95	12
2014/05/09	MF	WSR46	12:53:09	B	8.2	228.1	0.21	23.72	30.10	85.70	6.10	10.40	7.92	14
2014/05/09	MF	WSR46	12:53:44	M	5.0	130.1	1.07	23.73	29.82	86.50	6.16	8.10	7.94	11
2014/05/09	MF	WSR46	12:54:19	T	1.1	185.2	0.32	23.65	28.38	88.40	6.36	5.70	7.94	7
2014/05/09	MF	WSR46	12:55:12	B	8.0	152.4	0.32	23.72	30.09	85.80	6.11	10.20	7.94	14
2014/05/09	MF	WSR46	12:55:49	M	4.8	56.7	0.93	23.72	29.58	86.70	6.19	8.60	7.96	10
2014/05/09	MF	WSR46	12:56:27	T	1.0	187.8	1.02	23.64	28.34	89.00	6.41	5.50	7.95	7
2014/05/09	MF	WSR46	12:57:28	B	7.9	67.3	0.31	23.72	30.12	85.50	6.09	10.40	7.96	14
2014/05/09	MF	WSR46	12:58:24	M	5.0	341.3	0.30	23.72	29.87	86.40	6.16	8.30	7.97	11
2014/05/09	MF	WSR46	12:59:02	T	1.0	86.0	0.67	23.63	28.28	89.00	6.41	5.20	7.96	8

