

## 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)
2013/08/03	MF	DS1	16:55:07	B	2.9	230.7	0.19	28.19	23.16	91.97	6.31	3.22	8.05	9
2013/08/03	MF	DS1	16:56:08	T	1.0	267.6	0.28	28.19	23.16	92.04	6.31	3.24	8.05	5
2013/08/03	MF	DS1	16:57:08	B	2.9	249.8	0.37	28.14	23.45	90.19	6.18	4.94	8.05	8
2013/08/03	MF	DS1	16:58:08	T	0.9	135.8	0.29	28.18	23.20	91.44	6.27	3.64	8.04	4
2013/08/03	MF	DS1	16:59:11	B	3.0	224.6	0.40	28.13	23.65	90.54	6.20	4.94	8.05	10
2013/08/03	MF	DS1	17:00:14	T	1.0	0.4	0.66	28.16	22.99	92.66	6.37	2.60	8.03	4
2013/08/03	MF	DS2	17:09:05	B	3.1	244.8	0.36	28.08	23.71	88.39	6.06	36.96	8.03	54
2013/08/03	MF	DS2	17:10:15	T	1.0	277.2	0.73	28.13	23.44	90.63	6.21	6.63	8.05	11
2013/08/03	MF	DS2	17:13:49	B	3.1	260.4	0.08	28.05	23.77	87.12	5.97	17.89	8.03	27
2013/08/03	MF	DS2	17:14:34	T	0.9	313.6	0.34	28.10	23.59	89.30	6.12	7.22	8.05	11
2013/08/03	MF	DS2	17:15:33	B	2.9	240.0	0.17	28.05	23.77	87.45	5.99	14.09	8.03	41
2013/08/03	MF	DS2	17:16:31	T	1.0	292.7	0.41	28.15	23.39	90.61	6.21	4.71	8.05	11
2013/08/03	MF	DS3	17:25:09	B	2.0	198.9	0.40	28.13	23.43	91.34	6.26	14.08	8.04	24
2013/08/03	MF	DS3	17:26:13	T	0.9	5.9	0.46	28.13	23.45	91.13	6.25	14.55	8.04	20
2013/08/03	MF	DS3	17:27:18	B	2.1	157.6	0.44	28.12	23.47	90.15	6.18	16.31	8.03	23
2013/08/03	MF	DS3	17:28:06	T	0.8	305.9	0.55	28.13	23.43	91.30	6.26	11.56	8.04	21
2013/08/03	MF	DS3	17:29:07	B	2.1	247.0	0.47	28.07	23.77	89.92	6.16	21.33	8.03	23
2013/08/03	MF	DS3	17:30:14	T	0.9	281.5	0.57	28.12	23.46	90.81	6.23	11.85	8.04	20
2013/08/03	MF	DS4	17:36:54	B	2.1	339.7	0.09	28.16	23.94	94.46	6.45	11.09	8.03	15
2013/08/03	MF	DS4	17:37:59	T	0.9	249.4	0.27	28.19	23.50	95.08	6.51	7.58	8.05	10
2013/08/03	MF	DS4	17:38:52	B	2.2	285.4	0.29	28.20	23.58	95.29	6.52	7.12	8.05	14
2013/08/03	MF	DS4	17:39:36	T	1.1	6.3	0.52	28.19	23.48	94.65	6.48	7.98	8.05	11
2013/08/03	MF	DS4	17:40:56	B	2.2	314.2	0.59	28.19	23.69	95.01	6.50	8.95	8.04	15
2013/08/03	MF	DS4	17:41:57	T	1.1	348.8	0.89	28.19	23.52	94.73	6.48	7.69	8.04	11
2013/08/03	MF	DS5	17:48:32	B	4.8	284.5	0.26	28.10	24.13	91.38	6.24	14.05	7.98	16
2013/08/03	MF	DS5	17:50:07	M	3.4	256.5	0.31	28.11	24.13	91.83	6.27	12.63	7.98	17
2013/08/03	MF	DS5	17:51:20	T	0.9	253.8	0.41	28.12	24.11	92.43	6.31	12.85	7.99	18
2013/08/03	MF	DS5	17:52:17	B	5.0	353.3	0.15	28.11	24.12	91.77	6.27	16.88	7.99	17
2013/08/03	MF	DS5	17:53:20	M	3.4	255.0	0.12	28.11	24.13	91.43	6.25	13.80	7.98	17
2013/08/03	MF	DS5	17:54:07	T	0.9	231.5	0.55	28.11	24.14	91.49	6.25	12.51	7.99	17
2013/08/03	MF	DS5	17:55:24	B	4.9	321.6	0.25	28.10	24.13	90.75	6.20	20.87	7.98	17
2013/08/03	MF	DS5	17:56:31	M	3.6	288.0	0.28	28.11	24.12	91.30	6.24	17.69	7.98	18
2013/08/03	MF	DS5	17:57:36	T	0.8	51.6	0.36	28.13	24.11	92.54	6.32	12.31	7.99	18
2013/08/03	MF	US1	18:24:46	B	3.9	255.7	0.37	27.80	24.86	79.49	5.44	7.34	7.94	8
2013/08/03	MF	US1	18:25:57	M	2.9	224.4	0.46	28.04	24.36	88.62	6.05	2.95	7.99	5
2013/08/03	MF	US1	18:26:40	T	1.0	256.2	0.50	28.14	24.05	92.22	6.30	2.92	8.03	2
2013/08/03	MF	US1	18:28:22	B	4.0	301.4	0.66	27.76	24.97	77.72	5.32	8.66	7.93	9
2013/08/03	MF	US1	18:29:24	M	3.0	244.8	0.63	28.06	24.39	88.10	6.01	3.03	7.99	4
2013/08/03	MF	US1	18:30:15	T	1.0	310.0	0.41	28.16	24.13	91.87	6.27	2.72	8.03	4
2013/08/03	MF	US1	18:31:12	B	3.9	254.3	0.31	27.78	24.94	78.89	5.40	7.84	7.94	8
2013/08/03	MF	US1	18:32:08	M	2.8	277.0	0.48	28.13	24.31	91.01	6.21	2.47	8.01	6
2013/08/03	MF	US1	18:33:08	T	1.2	266.5	0.87	28.25	24.07	95.35	6.50	2.50	8.04	3
2013/08/03	MF	US2	18:39:28	B	6.1	287.8	0.28	27.66	25.35	76.74	5.25	7.31	7.90	7
2013/08/03	MF	US2	18:40:55	M	3.8	248.4	0.22	27.89	24.86	84.64	5.78	4.40	7.95	7
2013/08/03	MF	US2	18:42:01	T	0.8	222.4	0.26	28.22	24.22	92.57	6.31	1.73	8.00	3
2013/08/03	MF	US2	18:43:13	B	6.4	215.4	0.18	27.63	25.43	75.51	5.16	8.48	7.90	8
2013/08/03	MF	US2	18:44:09	M	3.8	235.1	0.46	27.77	25.08	80.92	5.53	6.17	7.93	6
2013/08/03	MF	US2	18:45:22	T	0.9	341.1	0.19	28.22	24.11	94.26	6.43	1.35	8.01	3
2013/08/03	MF	US2	18:46:17	B	5.7	204.6	0.22	27.64	25.47	75.40	5.16	8.43	7.90	7
2013/08/03	MF	US2	18:47:15	M	3.9	231.2	0.41	27.82	24.92	83.19	5.69	4.21	7.95	6
2013/08/03	MF	US2	18:48:07	T	1.0	307.7	0.55	28.14	24.07	94.76	6.47	1.36	8.01	3
2013/08/03	MF	MW1	18:54:35	B	18.8	106.7	0.15	26.69	27.99	71.96	4.93	5.29	7.99	8
2013/08/03	MF	MW1	18:55:34	M	10.4	35.5	0.03	27.04	26.99	74.77	5.12	3.49	8.01	6
2013/08/03	MF	MW1	18:56:33	T	0.9	286.8	0.28	27.41	25.88	81.31	5.57	1.79	8.04	5
2013/08/03	MF	MW1	18:57:46	B	18.5	100.3	0.26	26.61	28.10	69.05	4.73	5.89	7.98	7
2013/08/03	MF	MW1	18:58:53	M	10.7	107.7	0.29	27.00	27.12	74.98	5.13	3.49	8.01	6
2013/08/03	MF	MW1	19:00:06	T	1.1	286.8	0.28	27.33	26.16	80.11	5.48	2.19	8.04	5
2013/08/03	MF	MW1	19:01:15	B	18.6	20.4	0.26	26.71	27.87	71.97	4.93	5.79	7.99	8
2013/08/03	MF	MW1	19:02:09	M	10.5	90.6	0.19	27.11	26.85	75.29	5.15	3.59	8.02	6
2013/08/03	MF	MW1	19:03:38	T	1.2	36.6	0.27	27.36	26.10	80.83	5.53	1.79	8.04	6
2013/08/03	MF	THB1	17:21:24	B	2.9	298.5	0.41	27.78	24.28	84.66	5.81	8.19	8.08	12
2013/08/03	MF	THB1	17:22:07	T	1.1	246.7	0.17	28.02	24.05	91.77	6.28	5.59	8.13	8
2013/08/03	MF	THB1	17:22:57	B	2.8	298.5	0.41	27.80	24.25	85.86	5.89	7.59	8.09	11
2013/08/03	MF	THB1	17:23:52	T	1.1	262.7	0.33	28.03	24.04	92.98	6.36	5.39	8.13	7
2013/08/03	MF	THB1	17:24:53	B	2.8	259.8	0.22	27.96	24.09	88.78	6.08	6.89	8.12	12
2013/08/03	MF	THB1	17:25:54	T	1.0	201.3	0.64	27.99	24.07	91.28	6.25	6.59	8.12	8
2013/08/03	MF	THB2	17:31:37	M	1.4	40.0	0.04	28.58	22.64	73.99	5.06	5.64	7.73	9
2013/08/03	MF	THB2	17:32:35	M	1.4	40.0	0.04	28.17	22.61	75.88	5.19	5.84	7.75	9
2013/08/03	MF	THB2	17:33:33	M	1.4	40.0	0.04	28.56	22.63	75.67	5.17	6.44	7.77	10
2013/08/03	MF	WSR45C	18:10:35	B	11.8	177.0	0.36	27.29	26.26	71.55	4.90	7.39	7.99	9
2013/08/03	MF	WSR45C	18:11:47	M	7.0	196.6	0.61	27.75	25.03	81.69	5.59	2.59	8.06	9
2013/08/03	MF	WSR45C	18:12:45	T	0.9	266.6	0.41	28.08	24.02	93.84	6.42	0.49	8.14	3
2013/08/03	MF	WSR45C	18:13:56	B	11.8	288.2	0.59	27.23	26.41	69.55	4.76	9.79	7.99	8
2013/08/03	MF	WSR45C	18:15:30	M	6.8	249.1	0.50	27.54	25.51	75.88	5.19	3.69	8.02	9
2013/08/03	MF	WSR45C	18:17:01	T	1.1	210.8	0.45	28.09	24.11	92.24	6.30	0.79	8.13	4
2013/08/03	MF	WSR45C	18:18:13	B	11.4	263.0	0.60	27.19	26.53	68.36	4.68	8.89	7.98	8
2013/08/03	MF	WSR45C	18:19:40	M	7.0	233.5	0.38	27.34	26.04	70.27	4.81	3.59	7.99	8
2013/08/03	MF	WSR45C	18:20:49	T	1.0	234.4	0.67	28.03	24.15	91.25	6.24	0.49	8.12	3
2013/08/03	MF	WSR46	16:48:44	B	8.0	325.8	0.30	27.85	24.37	76.56	5.25	23.89	8.07	22
2013/08/03	MF	WSR46	16:49:58	M	5.0	242.6	0.24	27.93	23.99	80.06	5.49	10.59	8.11	16
2013/08/03	MF	WSR46	16:51:05	T	1.1	283.4	0.61	28.07	22.53	89.28	6.16	4.39	8.12	7
2013/08/03	MF	WSR46	16:52:56	B	7.9	275.8	0.15	27.81	24.51	77.97	5.34	18.09	8.09	23
2013/08/03	MF	WSR46	16:53:51	M	5.0	231.1	0.55	27.94	23.86	80.98	5.56	7.79	8.12	16
2013/08/03	MF	WSR46	16:54:46	T	1.0	313.6	0.45	28.10	22.18	91.59	6.33	2.79	8.14	6
2013/08/03	MF	WSR46	16:55:51	B	8.4	221.8	0.27	27.74	24.78	78.08	5.35	19.59	8.09	22
2013/08/03	MF	WSR46	16:56:42	M	5.2	294								

