

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)
2014/02/15	MF	DS1	8:27:29	B	3.0	280.3	0.65	15.72	32.30	96.90	7.90	4.50	8.08	4
2014/02/15	MF	DS1	8:28:02	T	1.0	317.4	0.52	15.70	32.28	93.90	7.66	4.30	8.08	5
2014/02/15	MF	DS1	8:28:59	B	2.9	278.9	0.39	15.72	32.32	93.30	7.61	4.50	8.09	3
2014/02/15	MF	DS1	8:30:08	T	1.0	210.6	0.41	15.74	32.29	92.80	7.57	4.00	8.09	4
2014/02/15	MF	DS1	8:31:08	B	2.9	278.9	0.39	15.75	32.39	92.30	7.52	4.70	8.09	4
2014/02/15	MF	DS1	8:32:01	T	1.0	210.6	0.41	15.70	32.27	92.30	7.53	4.30	8.09	4
2014/02/15	MF	DS2	8:37:20	B	3.1	272.5	0.50	15.60	32.09	96.30	7.88	3.80	8.07	3
2014/02/15	MF	DS2	8:38:39	T	1.0	210.6	0.41	15.61	32.10	92.80	7.59	3.50	8.08	5
2014/02/15	MF	DS2	8:39:24	B	3.1	154.7	0.39	15.62	32.10	92.40	7.56	3.50	8.08	3
2014/02/15	MF	DS2	8:40:23	T	0.9	185.6	0.24	15.61	32.09	92.50	7.57	3.50	8.09	5
2014/02/15	MF	DS2	8:41:10	B	3.0	270.8	0.70	15.60	32.09	92.20	7.54	3.40	8.09	4
2014/02/15	MF	DS2	8:42:00	T	1.1	278.0	0.67	15.60	32.08	92.50	7.57	7.10	8.09	4
2014/02/15	MF	DS3	8:46:18	B	2.1	154.3	0.06	14.99	31.60	96.60	8.02	3.30	8.09	3
2014/02/15	MF	DS3	8:47:14	T	0.9	349.2	0.30	14.98	31.59	95.10	7.90	3.30	8.09	4
2014/02/15	MF	DS3	8:48:03	B	2.9	94.5	0.22	14.98	31.58	94.80	7.87	3.30	8.09	3
2014/02/15	MF	DS3	8:49:10	T	1.0	349.2	0.30	14.98	31.58	94.70	7.87	3.50	8.09	4
2014/02/15	MF	DS3	8:50:01	B	2.0	238.7	0.26	14.98	31.58	94.50	7.85	3.20	8.10	3
2014/02/15	MF	DS3	8:51:01	T	1.0	349.2	0.30	14.97	31.57	94.60	7.86	3.20	8.10	4
2014/02/15	MF	DS4	8:56:23	B	3.0	115.5	0.45	14.98	31.61	94.50	7.85	4.40	8.09	4
2014/02/15	MF	DS4	8:57:02	T	1.0	251.0	0.20	14.96	31.60	94.10	7.82	3.50	8.09	6
2014/02/15	MF	DS4	8:58:00	B	3.0	40.3	0.50	14.96	31.60	93.90	7.81	4.10	8.09	3
2014/02/15	MF	DS4	8:59:10	T	1.0	44.2	0.42	14.94	31.59	93.90	7.81	5.50	8.09	5
2014/02/15	MF	DS4	9:00:01	B	2.9	346.7	0.57	14.97	31.61	93.70	7.79	3.70	8.09	3
2014/02/15	MF	DS4	9:01:03	T	1.0	46.1	0.72	14.97	31.59	93.60	7.78	3.50	8.09	4
2014/02/15	MF	DS5	9:06:50	B	5.0	25.4	0.36	15.49	32.02	95.80	7.86	5.10	8.08	5
2014/02/15	MF	DS5	9:07:37	M	3.5	75.5	0.27	15.05	31.58	93.70	7.78	3.30	8.08	4
2014/02/15	MF	DS5	9:08:22	T	1.0	204.1	0.52	15.03	31.57	93.80	7.79	3.70	8.08	3
2014/02/15	MF	DS5	9:09:11	B	5.0	25.4	0.36	15.14	31.71	92.90	7.69	4.40	8.08	4
2014/02/15	MF	DS5	9:10:03	M	3.6	160.4	0.57	15.07	31.62	93.10	7.72	5.20	8.08	4
2014/02/15	MF	DS5	9:11:00	T	1.1	148.3	1.09	15.03	31.57	93.30	7.75	3.30	8.08	3
2014/02/15	MF	DS5	9:12:21	B	5.1	227.2	0.42	15.34	31.90	92.10	7.58	4.30	8.08	5
2014/02/15	MF	DS5	9:13:05	M	3.5	313.8	0.83	15.20	31.75	92.30	7.63	3.70	8.08	5
2014/02/15	MF	DS5	9:14:09	T	1.0	35.4	0.35	15.05	31.61	93.30	7.74	3.10	8.08	3
2014/02/15	MF	US1	9:28:35	B	3.2	254.4	0.08	16.17	32.70	96.30	7.76	5.70	8.06	8
2014/02/15	MF	US1	9:29:31	T	1.1	43.0	0.37	16.15	32.70	91.90	7.41	5.60	8.06	6
2014/02/15	MF	US1	9:30:15	B	2.9	86.2	0.26	16.15	32.70	91.40	7.37	6.10	8.07	7
2014/02/15	MF	US1	9:31:38	T	1.1	135.4	0.81	16.15	32.71	91.20	7.36	5.40	8.07	6
2014/02/15	MF	US1	9:33:09	B	2.9	347.9	0.15	16.14	32.71	90.90	7.33	5.70	8.07	8
2014/02/15	MF	US1	9:34:13	T	1.1	173.6	0.33	16.14	32.70	91.00	7.34	5.40	8.07	6
2014/02/15	MF	US2	9:38:48	B	5.1	327.4	0.33	16.31	32.77	92.40	7.42	5.80	8.05	6
2014/02/15	MF	US2	9:39:27	M	3.4	342.7	0.53	16.30	32.78	90.80	7.30	5.40	8.06	5
2014/02/15	MF	US2	9:40:40	T	1.1	171.5	0.46	16.31	32.78	90.50	7.27	5.40	8.06	5
2014/02/15	MF	US2	9:41:36	B	4.9	157.8	0.28	16.31	32.78	89.90	7.22	4.80	8.06	5
2014/02/15	MF	US2	9:42:18	M	3.6	242.6	0.38	16.30	32.78	90.20	7.25	4.70	8.06	5
2014/02/15	MF	US2	9:43:04	T	0.9	217.9	0.58	16.31	32.78	90.30	7.26	5.10	8.06	4
2014/02/15	MF	US2	9:44:05	B	4.9	296.5	0.30	16.31	32.78	89.80	7.22	5.10	8.06	5
2014/02/15	MF	US2	9:44:51	M	3.5	160.0	0.79	16.31	32.78	89.90	7.22	5.60	8.06	5
2014/02/15	MF	US2	9:45:21	T	0.9	199.4	0.60	16.29	32.78	90.00	7.23	5.30	8.06	5
2014/02/15	MF	MW1	6:53:57	B	18.0	330.1	0.71	16.61	32.88	89.00	7.16	3.80	8.03	5
2014/02/15	MF	MW1	6:55:07	M	10.2	179.1	0.07	16.62	32.88	90.20	7.20	3.50	8.05	4
2014/02/15	MF	MW1	6:56:12	T	0.9	114.6	0.54	16.63	32.89	91.20	7.28	3.70	8.06	6
2014/02/15	MF	MW1	6:57:22	B	18.2	117.7	0.45	16.63	32.89	89.60	7.15	3.90	8.07	5
2014/02/15	MF	MW1	6:58:04	M	10.0	27.9	0.63	16.64	32.89	90.20	7.19	3.50	8.06	4
2014/02/15	MF	MW1	6:59:01	T	1.0	125.2	0.46	16.63	32.89	91.10	7.27	3.00	8.06	5
2014/02/15	MF	MW1	7:00:10	B	18.0	29.3	0.49	16.61	32.88	89.60	7.15	3.60	8.06	5
2014/02/15	MF	MW1	7:01:15	M	10.0	186.5	0.17	16.60	32.87	90.10	7.19	3.80	8.07	4
2014/02/15	MF	MW1	7:02:18	T	1.0	94.8	0.57	16.62	32.88	91.00	7.26	4.30	8.07	5
2014/02/15	MF	THB1	7:58:27	B	3.0	170.9	0.68	15.32	31.82	96.70	7.97	3.80	8.09	4
2014/02/15	MF	THB1	7:59:14	T	1.0	263.5	0.29	15.33	31.81	93.40	7.70	3.30	8.09	4
2014/02/15	MF	THB1	8:00:10	B	2.9	246.9	0.41	15.37	31.88	92.80	7.64	3.10	8.09	3
2014/02/15	MF	THB1	8:01:00	T	1.1	268.3	0.38	15.38	31.84	92.50	7.62	2.90	8.09	4
2014/02/15	MF	THB1	8:01:59	B	3.0	221.1	0.35	15.37	31.88	92.50	7.62	3.00	8.09	3
2014/02/15	MF	THB1	8:03:02	T	1.0	167.8	0.28	15.36	31.84	92.40	7.61	3.20	8.09	4
2014/02/15	MF	THB2	8:04:10	M	1.4	40.0	0.03	15.33	31.67	89.40	7.37	3.20	8.03	4
2014/02/15	MF	THB2	8:05:10	M	1.3	40.0	0.03	15.34	31.67	88.70	7.31	3.50	8.03	3
2014/02/15	MF	THB2	8:06:17	M	1.3	40.0	0.03	15.33	31.67	88.30	7.29	3.30	8.04	3
2014/02/15	MF	WSR45C	7:31:43	B	12.0	33.0	0.19	16.30	32.74	92.80	7.46	7.10	8.10	7
2014/02/15	MF	WSR45C	7:32:36	M	7.0	207.3	0.19	16.31	32.75	91.20	7.33	7.50	8.09	14
2014/02/15	MF	WSR45C	7:33:28	T	1.1	280.4	0.64	16.31	32.75	91.20	7.33	7.60	8.09	7
2014/02/15	MF	WSR45C	7:34:22	B	12.1	239.1	0.22	16.32	32.76	90.30	7.26	8.70	8.09	9
2014/02/15	MF	WSR45C	7:35:03	M	6.6	299.1	0.61	16.32	32.75	90.40	7.27	7.80	8.09	10
2014/02/15	MF	WSR45C	7:36:00	T	1.1	310.5	0.20	16.32	32.76	90.70	7.29	8.10	8.08	9
2014/02/15	MF	WSR45C	7:37:02	B	12.0	258.0	0.36	16.33	32.76	89.80	7.22	10.50	8.08	14
2014/02/15	MF	WSR45C	7:38:01	M	7.0	208.6	0.05	16.33	32.76	90.00	7.23	10.90	8.08	9
2014/02/15	MF	WSR45C	7:39:01	T	1.0	274.3	0.55	16.33	32.76	90.60	7.28	8.10	8.08	10
2014/02/15	MF	WSR46	10:01:08	B	8.9	328.5	0.93	16.23	32.81	94.30	7.59	5.10	8.10	7
2014/02/15	MF	WSR46	10:01:39	M	5.8	327.0	0.45	16.24	32.81	92.80	7.47	5.30	8.09	5
2014/02/15	MF	WSR46	10:02:30	T	0.9	291.4	0.63	16.24	32.81	92.60	7.45	4.70	8.09	6
2014/02/15	MF	WSR46	10:03:21	B	9.0	250.9	0.20	16.24	32.81	91.70	7.38	4.90	8.08	7
2014/02/15	MF	WSR46	10:04:06	M	5.5	344.3	1.11	16.24	32.81	91.80	7.39	6.00	8.08	5
2014/02/15	MF	WSR46	10:04:46	T	1.0	268.9	0.62	16.24	32.81	92.10	7.41	4.50	8.08	6
2014/02/15	MF	WSR46	10:05:33	B	8.9	329.1	0.74	16.25	32.81	92.10	7.41	4.40	8.08	7
2014/02/15	MF	WSR46	10:06:17	M	5.5	38.0	0.36	16.25	32.81	91.50	7.36	4.30	8.08	5
2014/02/15	MF	WSR46	10:06:59	T	1.0	303.8	0.54	16.24	32.81	92.00	7.40	4.20	8.08	6

