

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)
2014/09/15	MF	MW1	11:28:30	B	18.2	80.1	0.78	28.10	29.09	54.56	3.63	10.22	7.75	13
2014/09/15	MF	MW1	11:29:20	M	10.0	106.8	0.44	28.63	27.35	57.07	3.80	6.73	7.74	7
2014/09/15	MF	MW1	11:30:06	T	1.1	167.3	0.45	28.93	26.43	60.98	4.06	4.73	7.74	7
2014/09/15	MF	MW1	11:31:09	B	17.9	29.6	0.46	28.11	29.07	53.78	3.57	9.42	7.79	13
2014/09/15	MF	MW1	11:31:57	M	9.8	192.8	0.64	28.63	27.34	56.29	3.74	6.93	7.75	8
2014/09/15	MF	MW1	11:32:50	T	1.3	80.3	0.46	28.94	26.42	59.50	3.96	5.23	7.73	7
2014/09/15	MF	MW1	11:33:54	B	18.0	340.6	0.40	28.11	29.09	53.69	3.57	10.22	7.79	12
2014/09/15	MF	MW1	11:34:41	M	9.8	187.2	0.31	28.57	27.55	55.10	3.66	7.13	7.75	8
2014/09/15	MF	MW1	11:35:30	T	1.2	96.6	0.63	28.87	26.87	60.42	4.02	4.73	7.75	7
2014/09/15	MF	THB1	12:40:58	B	3.0	270.7	0.42	29.83	23.81	77.34	5.14	10.62	7.71	13
2014/09/15	MF	THB1	12:41:46	T	0.8	273.6	0.46	29.99	23.23	79.67	5.90	8.32	7.72	12
2014/09/15	MF	THB1	12:43:51	T	3.1	313.2	0.59	29.82	23.80	74.74	4.97	12.22	7.68	13
2014/09/15	MF	THB1	12:44:36	T	0.9	318.7	0.22	30.01	23.21	78.89	5.25	7.63	7.69	12
2014/09/15	MF	THB1	12:45:15	T	3.0	112.4	0.14	29.90	23.42	77.18	5.14	12.42	7.68	13
2014/09/15	MF	THB1	12:46:19	T	0.8	217.7	0.33	30.00	23.24	79.51	5.29	7.82	7.69	11
2014/09/15	MF	WSR45C	12:06:09	B	12.1	270.5	0.12	28.59	27.31	57.12	3.80	15.41	7.75	16
2014/09/15	MF	WSR45C	12:07:02	M	7.1	83.3	0.62	28.76	26.85	58.63	3.90	8.72	7.74	9
2014/09/15	MF	WSR45C	12:07:48	T	1.2	255.7	0.48	29.28	25.06	62.05	4.14	6.33	7.72	6
2014/09/15	MF	WSR45C	12:08:48	B	11.9	148.7	0.40	28.63	27.30	56.13	3.73	12.52	7.72	16
2014/09/15	MF	WSR45C	12:10:40	M	7.1	189.4	0.63	28.73	26.98	57.35	3.82	9.62	7.72	9
2014/09/15	MF	WSR45C	12:11:54	T	1.0	106.8	0.46	29.66	24.14	73.25	4.88	3.73	7.73	6
2014/09/15	MF	WSR45C	12:16:19	B	12.0	29.6	0.31	28.55	27.54	54.47	3.62	17.11	7.71	15
2014/09/15	MF	WSR45C	12:17:12	M	7.0	313.2	0.62	28.67	27.19	56.18	3.74	12.52	7.71	9
2014/09/15	MF	WSR45C	12:18:30	T	1.1	84.3	0.47	29.26	25.36	64.65	4.30	5.53	7.71	6

Remarks: Monitoring at other stations during mid-flood tide and all stations during mid-ebb tide was cancelled due to adverse weather.