

Impact Water Quality Monitoring for Capping Activities at ESC CMPs

Sampling Date	Tide	Station	Time	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (eXC)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH
2020/06/12	MF	MW1	9:39:24	B	19.2	231.1	0.27	24.57	32.93	49.9	3.44	3.0	7.69
2020/06/12	MF	MW1	9:40:26	M	10.3	55.2	0.39	24.82	31.74	50.5	3.49	3.2	7.81
2020/06/12	MF	MW1	9:41:19	B	18.8	116.0	0.35	24.57	32.93	49.2	3.39	3.8	7.84
2020/06/12	MF	MW1	9:42:06	M	10.4	59.5	0.25	24.85	31.61	50.2	3.47	3.1	7.87
2020/06/12	MF	MW1	9:42:52	B	19.2	211.9	0.23	24.57	32.92	49.1	3.39	2.9	7.87
2020/06/12	MF	MW1	9:43:38	M	10.3	223.5	0.63	24.79	31.86	50.0	3.46	3.3	7.89
2020/06/12	MF	ESC-RFF1	10:24:21	B	9.7	328.5	0.44	25.40	28.95	53.0	3.69	5.0	7.71
2020/06/12	MF	ESC-RFF1	10:25:04	M	6.0	156.5	0.08	27.34	16.20	58.1	4.20	4.9	7.88
2020/06/12	MF	ESC-RFF1	10:25:50	B	9.8	264.8	0.57	25.14	30.20	51.2	3.55	5.0	7.69
2020/06/12	MF	ESC-RFF1	10:26:32	M	6.0	295.1	0.25	27.34	16.21	57.4	4.15	4.6	7.91
2020/06/12	MF	ESC-RFF1	10:27:18	B	9.9	230.8	1.32	25.14	30.17	51.0	3.54	4.8	7.71
2020/06/12	MF	ESC-RFF1	10:28:11	M	6.0	153.7	0.35	27.33	16.23	57.7	4.18	4.9	7.88
2020/06/12	MF	ESC-RFF2	10:35:53	B	5.8	280.5	0.49	27.40	15.90	60.0	4.34	6.2	7.71
2020/06/12	MF	ESC-RFF2	10:36:22	M	3.9	344.6	0.67	27.85	12.01	61.7	4.53	6.9	7.78
2020/06/12	MF	ESC-RFF2	10:36:55	B	6.3	199.3	0.53	26.97	20.05	57.0	4.06	6.9	7.59
2020/06/12	MF	ESC-RFF2	10:37:30	M	4.0	317.9	0.13	27.70	13.28	60.1	4.39	6.2	7.75
2020/06/12	MF	ESC-RFF2	10:38:03	B	6.0	351.6	0.15	27.48	15.29	58.6	4.25	6.2	7.66
2020/06/12	MF	ESC-RFF2	10:38:34	M	4.1	82.5	0.30	27.68	13.64	60.7	4.42	5.9	7.69
2020/06/12	MF	ESC-RFF3	10:47:10	B	11.1	323.4	0.45	25.51	28.45	51.4	3.58	6.1	7.54
2020/06/12	MF	ESC-RFF3	10:47:51	M	6.5	47.1	0.06	26.74	20.29	54.9	3.92	4.4	7.74
2020/06/12	MF	ESC-RFF3	10:48:40	B	10.8	20.4	0.35	25.50	28.60	49.7	3.46	4.6	7.64
2020/06/12	MF	ESC-RFF3	10:49:22	M	6.7	252.9	0.42	26.94	19.20	55.3	3.96	4.4	7.79
2020/06/12	MF	ESC-RFF3	10:50:09	B	10.7	220.2	0.78	25.46	28.54	49.8	3.47	4.5	7.68
2020/06/12	MF	ESC-RFF3	10:50:47	M	6.9	200.6	0.34	26.66	21.89	54.9	3.89	4.3	7.78
2020/06/12	MF	ESC-IPF1	11:10:52	B	10.8	264.8	0.08	25.66	25.96	50.4	3.55	9.6	7.56
2020/06/12	MF	ESC-IPF1	11:11:29	M	6.4	344.6	0.15	27.11	17.32	58.0	4.18	5.0	7.76
2020/06/12	MF	ESC-IPF1	11:12:18	B	10.0	31.5	0.23	25.99	25.66	50.4	3.54	7.6	7.64
2020/06/12	MF	ESC-IPF1	11:12:57	M	6.5	267.5	0.34	27.29	16.31	57.9	4.19	5.0	7.80
2020/06/12	MF	ESC-IPF1	11:13:43	B	10.6	198.4	0.33	25.80	26.94	49.5	3.46	9.6	7.61
2020/06/12	MF	ESC-IPF1	11:14:35	M	6.2	269.8	1.15	27.41	15.69	59.0	4.28	5.2	7.78
2020/06/12	MF	ESC-IPF2	11:27:59	B	8.2	18.0	0.39	26.67	22.01	56.3	3.98	5.6	7.51
2020/06/12	MF	ESC-IPF2	11:28:31	M	5.1	180.4	0.40	27.28	16.05	57.9	4.20	6.5	7.67
2020/06/12	MF	ESC-IPF2	11:29:16	B	7.9	357.8	0.42	26.69	20.89	55.1	3.92	5.5	7.59
2020/06/12	MF	ESC-IPF2	11:29:48	M	5.0	293.7	1.30	27.30	15.92	57.6	4.18	6.2	7.69
2020/06/12	MF	ESC-IPF2	11:30:31	B	8.1	293.4	0.68	26.63	21.32	54.3	3.87	6.2	7.60
2020/06/12	MF	ESC-IPF2	11:31:10	M	4.9	282.4	0.65	27.61	10.98	58.0	4.30	7.5	7.80
2020/06/12	MF	ESC-INF1	11:39:46	B	8.3	346.8	0.24	26.29	23.88	54.9	3.87	6.0	7.42
2020/06/12	MF	ESC-INF1	11:40:25	M	5.4	272.0	0.23	27.46	14.33	55.9	4.08	6.5	7.67
2020/06/12	MF	ESC-INF1	11:41:10	B	8.0	154.3	0.22	26.47	22.59	54.6	3.87	4.4	7.53
2020/06/12	MF	ESC-INF1	11:41:56	M	5.0	251.5	0.87	27.64	11.92	58.0	4.27	7.9	7.73
2020/06/12	MF	ESC-INF1	11:42:43	B	7.9	271.0	0.73	26.53	21.94	54.6	3.88	4.3	7.54
2020/06/12	MF	ESC-INF1	11:43:16	M	5.5	326.2	0.16	27.40	14.57	54.6	3.98	6.8	7.69
2020/06/12	MF	ESC-INF2	11:51:42	B	11.1	266.1	0.35	25.69	27.42	52.8	3.69	6.6	7.43
2020/06/12	MF	ESC-INF2	11:52:30	M	6.6	31.2	0.20	26.94	19.11	57.6	4.12	4.8	7.65
2020/06/12	MF	ESC-INF2	11:53:26	B	11.1	31.5	0.16	25.71	27.18	51.2	3.58	6.2	7.61
2020/06/12	MF	ESC-INF2	11:54:18	M	6.5	315.4	0.34	27.27	16.46	58.4	4.22	5.2	7.73
2020/06/12	MF	ESC-INF2	11:55:01	B	10.7	267.5	0.32	25.80	26.76	52.1	3.64	6.0	7.61
2020/06/12	MF	ESC-INF2	11:55:52	M	6.6	213.5	1.76	27.22	16.60	57.9	4.19	4.8	7.74
2020/06/12	MF	ESC-INF3	12:06:34	B	20.5	49.5	0.05	24.72	32.17	51.4	3.56	10.8	7.57
2020/06/12	MF	ESC-INF3	12:07:31	M	10.4	280.6	0.37	25.87	26.20	53.5	3.75	4.6	7.75
2020/06/12	MF	ESC-INF3	12:08:26	B	20.5	223.9	0.11	24.71	32.17	50.7	3.51	8.7	7.71
2020/06/12	MF	ESC-INF3	12:09:28	M	11.1	26.7	0.14	25.69	27.19	54.3	3.80	3.4	7.79
2020/06/12	MF	ESC-INF3	12:10:18	B	19.7	307.9	0.92	24.71	32.18	50.5	3.50	8.9	7.75
2020/06/12	MF	ESC-INF3	12:11:19	M	11.4	270.9	0.56	25.67	27.20	53.9	3.77	3.9	7.81
2020/06/12	MF	ESC-IPF3	12:20:38	B	20.3	237.6	0.53	24.73	32.18	51.3	3.55	12.4	7.62
2020/06/12	MF	ESC-IPF3	12:22:01	M	10.9	295.2	0.77	25.57	27.74	52.9	3.69	3.6	7.73
2020/06/12	MF	ESC-IPF3	12:22:57	B	18.8	290.8	1.08	24.71	32.23	50.5	3.49	9.2	7.73
2020/06/12	MF	ESC-IPF3	12:23:56	M	11.8	330.3	0.20	25.22	30.05	51.6	3.58	4.0	7.77
2020/06/12	MF	ESC-IPF3	12:24:47	B	20.6	305.2	0.37	24.71	32.23	50.3	3.48	11.6	7.77
2020/06/12	MF	ESC-IPF3	12:25:39	M	11.0	301.9	0.63	25.63	27.31	52.3	3.66	4.7	7.82