

ROUTINE WATER QUALITY MONITORING for ESC CMP Vd													
Date: 9 October 2019													
Pos. No.	Easting	Northing	Tide	Depth (m)	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
ESC-RFE5	809409.6	824007.4	Mid Ebb	8.2	28.94	28.75	5.3	84.4	5.54	7.86	9:19:06	1.05	203.1
ESC-RFE5	809410.6	824003.5	Mid Ebb	7.8	28.94	28.69	5.6	81.4	5.35	7.86	9:19:51	0.19	243.8
ESC-RFE5	809414.2	824003.5	Mid Ebb	7.9	28.92	28.71	5.4	81.5	5.36	7.86	9:20:12	0.38	197.6
ESC-RFE5	809418.2	824004.5	Mid Ebb	7.9	28.93	28.73	5.4	81.5	5.35	7.86	9:20:36	0.73	198.1
ESC-RFE5	809419.1	824002.7	Mid Ebb	7.9	28.92	28.72	5.4	81.5	5.36	7.86	9:20:57	0.73	198.1
ESC-RFE5	809420.1	823998.7	Mid Ebb	7.9	28.95	28.73	5.3	81.2	5.33	7.86	9:21:19	0.38	197.6
ESC-RFE5	809423.6	823996.6	Mid Ebb	7.9	28.97	28.74	5.3	80.9	5.31	7.85	9:21:42	0.38	197.6
ESC-RFE5	809426.9	823998.7	Mid Ebb	7.5	28.96	28.72	5.2	81.3	5.34	7.85	9:22:07	0.34	121.1
ESC-RFE4	809174.6	823712.4	Mid Ebb	5.7	28.81	28.27	4.8	87.2	5.76	7.90	9:31:51	1.45	167.0
ESC-RFE4	809174.8	823715.3	Mid Ebb	5.9	28.80	28.29	4.7	86.7	5.72	7.89	9:32:14	0.49	136.2
ESC-RFE4	809176.4	823714.7	Mid Ebb	6.0	28.80	28.29	4.7	86.7	5.72	7.88	9:32:38	0.98	174.4
ESC-RFE4	809177.7	823711.7	Mid Ebb	6.1	28.80	28.29	4.9	85.3	5.63	7.88	9:33:00	0.80	124.0
ESC-RFE4	809179.8	823708.1	Mid Ebb	6.2	28.78	28.28	4.8	85.3	5.63	7.88	9:33:21	0.80	124.0
ESC-RFE4	809183.9	823708.8	Mid Ebb	6.1	28.78	28.28	4.8	85.4	5.64	7.88	9:33:43	0.80	124.0
ESC-RFE4	809185.1	823706.7	Mid Ebb	6.1	28.77	28.28	4.9	85.4	5.64	7.87	9:34:04	0.17	195.0
ESC-RFE4	809187.0	823707.8	Mid Ebb	5.9	28.78	28.30	4.9	85.7	5.65	7.87	9:34:27	0.34	132.5
ESC-RFE3	808957.2	823385.8	Mid Ebb	5.0	28.84	28.13	4.1	87.3	5.76	7.89	9:38:59	0.44	172.3
ESC-RFE3	808955.5	823387.2	Mid Ebb	4.9	28.84	28.19	4.2	86.2	5.69	7.88	9:39:23	0.45	105.3
ESC-RFE3	808955.1	823390.2	Mid Ebb	5.0	28.85	28.20	4.2	85.7	5.65	7.88	9:39:45	1.34	141.8
ESC-RFE3	808955.2	823390.1	Mid Ebb	5.2	28.85	28.20	4.3	85.7	5.65	7.88	9:40:06	1.54	80.8
ESC-RFE3	808956.1	823387.8	Mid Ebb	5.2	28.84	28.19	4.2	85.5	5.64	7.88	9:40:28	0.81	161.4
ESC-RFE3	808957.1	823383.8	Mid Ebb	5.2	28.84	28.17	4.2	85.5	5.64	7.87	9:40:50	0.81	161.4
ESC-RFE3	808957.8	823378.6	Mid Ebb	5.2	28.83	28.13	4.2	85.8	5.66	7.87	9:41:12	0.23	88.5
ESC-RFE3	808958.1	823373.0	Mid Ebb	5.2	28.82	28.12	4.3	85.9	5.67	7.87	9:41:35	0.09	329.3
ESC-RFE2	808734.3	823066.7	Mid Ebb	4.8	28.81	28.27	3.9	90.0	5.94	7.90	9:46:09	0.89	227.7
ESC-RFE2	808732.4	823063.8	Mid Ebb	4.3	28.85	28.22	4.0	88.5	5.84	7.89	9:46:31	0.24	74.8
ESC-RFE2	808732.9	823066.1	Mid Ebb	4.2	28.85	28.23	4.0	88.5	5.84	7.88	9:46:52	0.20	249.4
ESC-RFE2	808736.0	823068.8	Mid Ebb	4.6	28.85	28.24	4.0	88.0	5.80	7.88	9:47:13	0.67	83.0
ESC-RFE2	808738.2	823069.0	Mid Ebb	4.7	28.87	28.21	4.0	87.8	5.79	7.88	9:47:35	0.67	83.0
ESC-RFE2	808739.9	823067.5	Mid Ebb	4.7	28.86	28.27	4.1	87.6	5.77	7.87	9:47:57	0.67	83.0
ESC-RFE2	808740.8	823064.6	Mid Ebb	4.7	28.85	28.31	4.2	87.1	5.74	7.87	9:48:20	0.67	83.0
ESC-RFE2	808741.3	823061.4	Mid Ebb	4.7	28.86	28.25	4.1	87.0	5.74	7.87	9:48:41	0.67	83.0
ESC-RFE1	808532.3	822758.2	Mid Ebb	3.9	28.79	28.50	4.8	85.9	5.66	7.90	9:53:15	0.53	98.3
ESC-RFE1	808532.7	822762.4	Mid Ebb	4.0	28.76	28.22	4.2	87.4	5.78	7.89	9:53:38	0.50	126.7
ESC-RFE1	808533.1	822763.6	Mid Ebb	4.1	28.75	28.28	4.1	87.4	5.77	7.88	9:54:00	0.59	155.7
ESC-RFE1	808532.7	822762.7	Mid Ebb	4.1	28.75	28.26	4.2	88.3	5.83	7.88	9:54:21	0.53	55.4
ESC-RFE1	808531.7	822760.2	Mid Ebb	4.1	28.75	28.26	4.1	88.4	5.84	7.88	9:54:42	0.50	213.2
ESC-RFE1	808530.5	822756.2	Mid Ebb	4.1	28.76	28.22	3.9	88.7	5.86	7.88	9:55:05	0.19	345.4
ESC-RFE1	808529.5	822757.6	Mid Ebb	4.0	28.75	28.24	3.9	88.8	5.86	7.87	9:55:28	0.65	113.4
ESC-RFE1	808529.7	822760.1	Mid Ebb	4.1	28.76	28.22	3.9	88.7	5.86	7.87	9:55:49	0.19	345.4
ESC-IPE2	810937.3	822256.0	Mid Ebb	4.4	28.78	28.20	4.3	91.2	6.02	7.88	10:10:59	0.52	129.6
ESC-IPE2	810934.7	822258.1	Mid Ebb	4.3	28.79	28.22	4.4	89.6	5.92	7.88	10:11:21	0.97	169.8
ESC-IPE2	810934.1	822259.1	Mid Ebb	4.7	28.79	28.21	4.4	89.0	5.88	7.87	10:11:44	0.55	117.9
ESC-IPE2	810935.0	822262.3	Mid Ebb	4.8	28.79	28.20	4.4	88.9	5.87	7.87	10:12:07	0.67	51.9
ESC-IPE2	810938.1	822257.8	Mid Ebb	4.6	28.79	28.15	4.3	88.4	5.84	7.87	10:12:29	0.59	99.6
ESC-IPE2	810936.6	822255.5	Mid Ebb	4.2	28.79	28.12	4.3	89.0	5.88	7.87	10:12:50	0.61	124.1
ESC-IPE2	810935.5	822253.9	Mid Ebb	4.6	28.79	28.10	4.2	89.0	5.88	7.86	10:13:12	0.46	124.3
ESC-IPE2	810935.2	822255.5	Mid Ebb	4.2	28.79	28.09	4.7	88.4	5.84	7.86	10:13:33	0.47	167.4

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Pos. No.	Easting	Northing	Tide	Depth (m)	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
ESC-IPE1	811788.2	822294.9	Mid Ebb	4.5	28.78	28.41	4.7	91.0	6.00	7.88	10:20:21	0.23	219.9
ESC-IPE1	811786.9	822291.9	Mid Ebb	4.4	28.93	28.93	6.4	83.6	5.49	7.86	10:20:45	0.71	76.2
ESC-IPE1	811789.4	822299.1	Mid Ebb	4.6	28.94	29.01	6.7	82.3	5.40	7.86	10:21:09	0.67	105.3
ESC-IPE1	811792.8	822303.1	Mid Ebb	4.7	28.93	28.90	7.0	82.0	5.38	7.86	10:21:33	0.23	157.3
ESC-IPE1	811798.8	822304.7	Mid Ebb	4.5	28.89	28.74	6.2	83.1	5.46	7.86	10:21:58	0.33	63.1
ESC-IPE1	811805.8	822307.5	Mid Ebb	4.4	28.87	28.62	5.7	84.6	5.56	7.86	10:22:20	1.73	92.1
ESC-IPE1	811812.0	822310.3	Mid Ebb	4.5	28.85	28.52	5.0	85.9	5.66	7.86	10:22:43	0.80	121.8
ESC-IPE1	811819.1	822310.8	Mid Ebb	4.6	28.83	28.46	4.7	86.8	5.72	7.86	10:23:07	0.76	155.0
ESC-IPE3	811777.0	821991.1	Mid Ebb	3.7	28.81	28.26	5.2	89.2	5.89	7.86	10:32:49	1.29	126.6
ESC-IPE3	811773.6	821988.2	Mid Ebb	4.6	28.83	28.48	7.3	86.7	5.71	7.85	10:33:19	0.56	120.9
ESC-IPE3	811771.4	821988.8	Mid Ebb	3.8	28.82	28.30	6.0	88.2	5.82	7.85	10:33:42	0.71	52.6
ESC-IPE3	811770.5	821988.6	Mid Ebb	4.2	28.83	28.39	6.9	86.7	5.71	7.85	10:34:04	0.78	55.1
ESC-IPE3	811771.7	821991.4	Mid Ebb	3.8	28.83	28.16	6.0	88.3	5.83	7.85	10:34:25	0.79	191.2
ESC-IPE3	811772.4	821994.9	Mid Ebb	3.9	28.84	28.25	5.6	88.5	5.84	7.85	10:34:47	0.75	112.4
ESC-IPE3	811772.5	821995.3	Mid Ebb	4.1	28.83	28.41	6.8	87.5	5.77	7.85	10:35:14	1.36	125.3
ESC-IPE3	811772.7	821998.7	Mid Ebb	4.1	28.84	28.46	7.7	86.1	5.67	7.85	10:35:36	1.36	125.3
ESC-IPE4	812428.4	821717.6	Mid Ebb	4.1	28.92	28.90	8.6	85.7	5.62	7.87	10:42:43	0.57	57.1
ESC-IPE4	812428.3	821717.3	Mid Ebb	4.3	28.93	28.96	9.7	82.2	5.39	7.85	10:43:04	0.33	117.2
ESC-IPE4	812429.5	821717.0	Mid Ebb	4.4	28.93	28.98	10.3	81.5	5.35	7.85	10:43:27	1.39	39.2
ESC-IPE4	812434.2	821716.4	Mid Ebb	3.7	28.93	28.95	10.0	80.8	5.30	7.85	10:43:54	0.43	23.4
ESC-IPE4	812438.8	821714.5	Mid Ebb	3.8	28.92	28.92	9.7	81.0	5.32	7.85	10:44:18	0.43	23.4
ESC-IPE4	812444.6	821713.9	Mid Ebb	3.7	28.92	28.84	9.6	82.0	5.39	7.84	10:44:39	0.78	114.1
ESC-IPE4	812454.0	821716.3	Mid Ebb	3.7	28.91	28.76	7.9	83.9	5.51	7.84	10:45:13	0.15	348.3
ESC-IPE4	812457.4	821720.0	Mid Ebb	3.6	28.92	28.90	9.6	81.9	5.38	7.84	10:45:37	0.21	79.6
ESC-IPE5	812889.7	822049.8	Mid Ebb	5.3	28.89	28.85	7.3	85.8	5.64	7.86	10:50:29	0.40	74.2
ESC-IPE5	812894.6	822052.0	Mid Ebb	4.6	28.87	28.60	6.0	85.1	5.60	7.86	10:50:51	0.69	18.4
ESC-IPE5	812902.5	822052.9	Mid Ebb	4.5	28.87	28.66	6.1	84.7	5.57	7.86	10:51:12	0.42	126.4
ESC-IPE5	812911.9	822052.3	Mid Ebb	4.5	28.88	28.68	6.1	84.3	5.54	7.85	10:51:35	0.42	126.4
ESC-IPE5	812920.6	822050.7	Mid Ebb	4.5	28.88	28.59	5.6	84.7	5.57	7.85	10:51:57	0.42	126.4
ESC-IPE5	812929.0	822048.6	Mid Ebb	4.5	28.87	28.46	5.0	86.1	5.67	7.85	10:52:18	0.42	126.4
ESC-IPE5	812937.5	822046.2	Mid Ebb	4.5	28.87	28.36	4.6	87.0	5.73	7.85	10:52:40	0.67	61.9
ESC-IPE5	812945.9	822043.2	Mid Ebb	4.5	28.88	28.32	4.2	87.7	5.78	7.85	10:53:02	0.67	61.9
ESC-INE5	814259.9	821206.3	Mid Ebb	3.1	28.99	29.09	9.1	85.4	5.59	7.84	11:02:14	0.32	104.0
ESC-INE5	814260.5	821204.1	Mid Ebb	3.1	29.00	29.03	9.1	85.4	5.60	7.83	11:02:38	0.65	81.6
ESC-INE5	814258.1	821206.3	Mid Ebb	2.9	28.99	29.15	10.9	79.1	5.18	7.83	11:03:00	0.62	123.2
ESC-INE5	814255.5	821211.5	Mid Ebb	3.0	29.00	29.13	10.5	78.5	5.14	7.83	11:03:21	1.27	108.5
ESC-INE5	814258.5	821210.8	Mid Ebb	3.2	29.00	29.11	10.0	78.4	5.14	7.83	11:03:44	1.07	151.7
ESC-INE5	814261.2	821209.0	Mid Ebb	3.2	29.00	29.15	10.7	77.9	5.10	7.82	11:04:06	0.31	47.5
ESC-INE5	814260.9	821208.4	Mid Ebb	3.1	29.00	29.14	10.5	78.1	5.12	7.82	11:04:30	0.91	118.0
ESC-INE5	814260.0	821208.6	Mid Ebb	3.1	29.00	29.16	10.6	77.8	5.10	7.82	11:04:54	0.61	122.4
ESC-INE2	813969.9	821805.8	Mid Ebb	3.5	28.95	28.63	6.5	89.1	5.85	7.87	11:09:58	0.93	107.4
ESC-INE2	813970.1	821807.2	Mid Ebb	3.5	28.96	28.62	7.5	87.0	5.72	7.85	11:10:23	1.21	102.2
ESC-INE2	813970.2	821806.3	Mid Ebb	3.4	28.96	28.48	6.1	88.0	5.79	7.85	11:10:50	0.60	191.2
ESC-INE2	813970.6	821801.9	Mid Ebb	3.5	28.96	28.54	6.3	87.3	5.74	7.84	11:11:13	0.80	252.7
ESC-INE2	813972.2	821801.5	Mid Ebb	3.5	28.96	28.63	7.4	86.3	5.67	7.84	11:11:34	0.65	116.6
ESC-INE2	813971.3	821804.2	Mid Ebb	3.5	28.96	28.62	7.3	86.0	5.65	7.84	11:11:56	0.67	54.9
ESC-INE2	813972.0	821805.7	Mid Ebb	3.6	28.95	28.65	7.6	85.5	5.62	7.84	11:12:18	0.11	159.5
ESC-INE2	813970.9	821806.6	Mid Ebb	3.3	28.94	28.54	6.8	86.8	5.71	7.84	11:12:41	0.25	17.0
ESC-INE4	814545.7	822122.3	Mid Ebb	5.5	28.93	28.72	5.9	88.3	5.80	7.86	11:18:06	0.47	50.7
ESC-INE4	814545.8	822122.6	Mid Ebb	5.9	28.93	28.74	6.4	85.9	5.64	7.85	11:18:29	0.44	303.0
ESC-INE4	814546.2	822126.6	Mid Ebb	5.6	28.93	28.75	6.4	85.4	5.61	7.84	11:18:57	0.44	47.6
ESC-INE4	814546.8	822125.3	Mid Ebb	5.6	28.93	28.75	6.8	84.8	5.57	7.84	11:19:24	0.56	88.3
ESC-INE4	814547.3	822122.3	Mid Ebb	5.5	28.92	28.74	6.6	85.0	5.58	7.84	11:19:47	0.75	45.9
ESC-INE4	814546.5	822121.7	Mid Ebb	5.2	28.92	28.71	6.5	85.1	5.59	7.84	11:20:10	0.79	86.5
ESC-INE4	814546.7	822120.9	Mid Ebb	5.5	28.92	28.73	6.4	85.0	5.58	7.84	11:20:31	0.88	118.1
ESC-INE4	814545.3	822121.5	Mid Ebb	5.3	28.93	28.72	6.6	84.9	5.58	7.84	11:20:53	0.49	121.1
ESC-INE1	814044.1	822443.4	Mid Ebb	6.6	29.00	28.90	7.2	83.9	5.50	7.85	11:26:09	0.55	40.2
ESC-INE1	814044.3	822445.0	Mid Ebb	6.6	29.02	28.98	7.2	82.6	5.41	7.85	11:26:32	0.50	93.7
ESC-INE1	814046.5	822446.8	Mid Ebb	6.2	29.00	28.99	7.5	81.9	5.37	7.84	11:26:57	0.66	47.3
ESC-INE1	814050.8	822449.7	Mid Ebb	6.8	29.00	29.00	7.9	81.5	5.34	7.84	11:27:24	0.99	80.1
ESC-INE1	814056.4	822455.3	Mid Ebb	6.6	29.03	29.01	7.5	81.5	5.34	7.84	11:27:48	0.96	81.0
ESC-INE1	814059.8	822464.4	Mid Ebb	6.3	29.04	29.02	7.6	81.6	5.34	7.83	11:28:13	0.98	200.7
ESC-INE1	814059.9	822468.5	Mid Ebb	6.3	29.02	29.02	8.1	81.4	5.33	7.83	11:28:37	1.28	73.0
ESC-INE1	814058.6	822467.1	Mid Ebb	6.0	29.03	29.02	8.2	81.5	5.34	7.83	11:28:59	0.97	108.1
ESC-INE3	814578.1	822620.8	Mid Ebb	7.3	29.06	29.16	9.3	83.6	5.47	7.82	11:33:57	0.34	338.6
ESC-INE3	814579.4	822617.7	Mid Ebb	7.6	29.05	29.16	11.3	82.6	5.40	7.82	11:34:21	0.82	89.7
ESC-INE3	814575.7	822620.3	Mid Ebb	6.9	29.07	29.16	9.2	82.5	5.39	7.82	11:34:44	0.95	98.6
ESC-INE3	814577.4	822624.8	Mid Ebb	7.3	29.06	29.17	9.3	81.6	5.33	7.81	11:35:36	0.57	83.7
ESC-INE3	814579.6	822627.5	Mid Ebb	7.4	29.07	29.18	9.1	81.4	5.32	7.81	11:36:08	0.39	97.2
ESC-INE3	814581.6	822630.2	Mid Ebb	7.3	29.07	29.18	9.3	81.2	5.31	7.81	11:36:31	0.86	69.7
ESC-INE3	814579.3	822630.8	Mid Ebb	7.5	29.06	29.18	9.3	81.4	5.32	7.81	11:36:54	0.50	68.3
ESC-INE3	814578.1	822630.9	Mid Ebb	7.3	29.07	29.19	8.9	81.4	5.32	7.81	11:37:18	0.33	21.4
MW1	823607.9	823650.1	Mid Ebb	10.4	28.91	30.27	4.7	79.4	5.17	7.83	12:16:34	0.32	281.3
MW1	823604.3	823651.0	Mid Ebb	10.3	28.90	30.27	4.8	79.1	5.15	7.83	12:16:56	0.84	96.9
MW1	823601.1	823654.7	Mid Ebb	10.5	28.91	30.24	4.6	79.3	5.16	7.83	12:17:18	0.14	79.7
MW1	823603.3	823657.6	Mid Ebb	10.8	28.91	30.16	4.3	78.4	5.11	7.83	12:17:41	0.37	340.2
MW1	823603.2	823661.1	Mid Ebb	10.7	28.91	30.22	4.3	79.5	5.18	7.83	12:18:04	0.02	197.7
MW1	823602.1	823661.0	Mid Ebb	10.7	28.91	30.29	5.0	78.6	5.12	7.83	12:18:25	0.71	220.7
MW1	823602.2	823655.6	Mid Ebb	10.5	28.91	30.32	5.2	77.6	5.06	7.83	12:18:47	0.24	202.0
MW1	823605.7	823655.0	Mid Ebb	10.8	28.91	30.28	4.9	77.1	5.02	7.83	12:19:08	0.36	160.4