

ROUTINE WATER QUALITY MONITORING for ESC CMP Vd													
Date: 7 November 2018													
Pos. No.	Easting	Northing	Tide	Depth (m)	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
ESC-RFE5	809419.1	824002.8	Mid Ebb	8.1	24.79	31.44	9.9	102.3	7.10	7.91	11:13:59	0.32	86.0
ESC-RFE5	809420.0	823998.8	Mid Ebb	8.1	24.79	31.44	9.6	101.5	7.04	7.92	11:14:23	0.27	209.6
ESC-RFE5	809418.0	823998.0	Mid Ebb	8.0	24.79	31.44	9.0	101.2	7.02	7.92	11:14:45	0.27	209.6
ESC-RFE5	809416.8	823999.7	Mid Ebb	8.0	24.79	31.45	9.1	101.2	7.02	7.92	11:15:06	0.24	89.3
ESC-RFE5	809416.4	824003.9	Mid Ebb	8.0	24.78	31.48	8.9	101.1	7.01	7.93	11:15:29	0.24	89.3
ESC-RFE5	809417.0	824007.5	Mid Ebb	8.0	24.78	31.47	9.1	101.1	7.01	7.93	11:15:50	0.54	138.1
ESC-RFE5	809418.1	824011.3	Mid Ebb	8.0	24.78	31.51	8.2	101.6	7.05	7.93	11:16:13	0.10	272.8
ESC-RFE5	809419.4	824013.3	Mid Ebb	8.1	24.78	31.52	8.1	101.6	7.05	7.94	11:16:34	0.09	247.5
ESC-RFE4	809178.4	823714.1	Mid Ebb	6.1	24.76	31.07	6.4	104.2	7.24	7.98	11:22:15	0.45	147.2
ESC-RFE4	809175.6	823710.8	Mid Ebb	5.9	24.76	31.06	6.4	104.2	7.25	7.98	11:22:37	1.56	53.6
ESC-RFE4	809171.1	823707.5	Mid Ebb	5.9	24.76	31.01	6.1	103.9	7.23	7.98	11:22:58	0.53	127.6
ESC-RFE4	809168.2	823702.9	Mid Ebb	5.9	24.76	31.02	6.1	103.8	7.22	7.98	11:23:22	0.49	28.0
ESC-RFE4	809164.2	823699.1	Mid Ebb	5.9	24.76	31.04	5.9	103.9	7.23	7.98	11:23:44	0.49	28.0
ESC-RFE4	809156.7	823694.2	Mid Ebb	6.0	24.77	31.00	5.6	103.9	7.23	7.98	11:24:05	0.63	214.5
ESC-RFE4	809146.2	823689.5	Mid Ebb	6.1	24.76	31.07	5.8	103.9	7.22	7.98	11:24:37	0.46	125.6
ESC-RFE4	809137.5	823689.3	Mid Ebb	5.5	24.76	31.02	5.5	104.0	7.23	7.98	11:25:00	0.17	37.2
ESC-RFE3	808945.3	823389.1	Mid Ebb	5.2	24.76	31.13	5.6	105.1	7.31	8.02	11:30:14	0.23	119.3
ESC-RFE3	808950.9	823392.7	Mid Ebb	5.2	24.77	31.02	5.3	104.9	7.30	8.02	11:30:41	0.39	198.2
ESC-RFE3	808959.1	823394.4	Mid Ebb	5.3	24.78	30.98	5.2	105.1	7.31	8.02	11:31:03	1.09	74.3
ESC-RFE3	808962.6	823393.4	Mid Ebb	5.1	24.79	30.94	5.0	105.1	7.31	8.02	11:31:24	0.82	196.6
ESC-RFE3	808963.7	823391.6	Mid Ebb	5.0	24.77	31.03	5.0	105.1	7.31	8.02	11:31:55	0.07	97.7
ESC-RFE3	808963.8	823389.5	Mid Ebb	5.0	24.79	30.96	5.0	105.3	7.32	8.02	11:32:17	0.47	174.0
ESC-RFE3	808962.2	823386.8	Mid Ebb	5.0	24.81	30.94	4.9	106.0	7.37	8.03	11:32:45	0.47	174.0
ESC-RFE3	808960.2	823383.7	Mid Ebb	5.0	24.82	30.94	4.8	106.7	7.41	8.03	11:33:09	0.75	173.4
ESC-RFE2	808739.4	823070.2	Mid Ebb	4.6	24.80	31.37	7.5	106.2	7.37	8.06	11:40:01	0.79	80.8
ESC-RFE2	808739.3	823066.7	Mid Ebb	4.4	24.82	31.34	7.7	106.7	7.40	8.07	11:40:24	1.57	202.7
ESC-RFE2	808740.4	823068.1	Mid Ebb	4.4	24.83	31.33	7.7	106.7	7.40	8.07	11:40:45	1.57	202.7
ESC-RFE2	808741.8	823067.2	Mid Ebb	4.5	24.87	31.30	7.6	107.7	7.47	8.07	11:41:06	0.56	154.6
ESC-RFE2	808742.8	823064.9	Mid Ebb	4.5	24.84	31.33	7.4	107.5	7.45	8.07	11:41:33	0.78	173.9
ESC-RFE2	808743.3	823062.5	Mid Ebb	4.5	24.91	31.28	6.1	108.9	7.55	8.07	11:41:56	0.81	124.9
ESC-RFE2	808743.0	823059.5	Mid Ebb	4.5	24.90	31.29	6.0	109.2	7.57	8.08	11:42:18	0.44	161.0
ESC-RFE2	808742.6	823056.3	Mid Ebb	4.5	24.92	31.27	5.9	109.3	7.57	8.08	11:42:39	1.30	154.9
ESC-RFE1	808529.9	822765.5	Mid Ebb	4.5	24.98	31.12	6.7	109.3	7.57	8.10	11:48:46	0.43	141.2
ESC-RFE1	808527.7	822760.3	Mid Ebb	4.6	24.82	31.22	7.6	108.4	7.52	8.09	11:49:10	0.32	279.3
ESC-RFE1	808526.7	822760.3	Mid Ebb	4.4	24.83	31.18	7.6	108.1	7.50	8.09	11:49:35	0.65	115.7
ESC-RFE1	808528.0	822762.0	Mid Ebb	4.6	24.83	31.18	7.2	108.1	7.50	8.09	11:49:57	0.34	178.0
ESC-RFE1	808529.6	822762.1	Mid Ebb	4.6	24.84	31.17	7.9	108.1	7.50	8.09	11:50:26	0.34	178.0
ESC-RFE1	808529.5	822760.0	Mid Ebb	4.6	24.89	31.16	7.6	108.3	7.51	8.09	11:50:52	0.72	111.1
ESC-RFE1	808531.2	822760.4	Mid Ebb	4.6	24.92	31.14	7.4	109.0	7.55	8.09	11:51:15	0.35	201.5
ESC-RFE1	808535.0	822761.2	Mid Ebb	4.6	24.93	31.13	7.2	109.5	7.59	8.09	11:51:39	0.72	111.1
ESC-IPE2	810936.6	822249.5	Mid Ebb	4.3	25.12	30.62	5.5	110.3	7.64	8.13	12:09:03	1.02	124.3
ESC-IPE2	810934.0	822245.0	Mid Ebb	4.6	25.09	30.67	6.8	111.0	7.69	8.13	12:09:28	0.80	115.6
ESC-IPE2	810933.2	822240.1	Mid Ebb	4.5	25.10	30.62	6.6	111.2	7.71	8.13	12:09:52	0.97	102.4
ESC-IPE2	810932.2	822238.0	Mid Ebb	4.3	25.09	30.64	7.0	111.2	7.71	8.13	12:10:19	0.58	174.8
ESC-IPE2	810932.5	822238.7	Mid Ebb	4.6	25.05	30.71	7.0	111.2	7.71	8.12	12:10:47	0.33	78.1
ESC-IPE2	810933.0	822239.4	Mid Ebb	4.5	25.05	30.68	7.2	110.1	7.64	8.11	12:11:10	0.67	104.4
ESC-IPE2	810932.4	822242.2	Mid Ebb	4.3	25.03	30.75	7.2	109.9	7.62	8.11	12:11:31	0.46	98.7
ESC-IPE2	810930.7	822244.4	Mid Ebb	4.5	25.02	30.82	7.9	109.6	7.60	8.11	12:11:54	0.85	97.2
ESC-IPE1	811787.0	822293.6	Mid Ebb	4.6	25.03	30.65	5.4	109.5	7.59	8.11	12:18:59	1.31	78.0
ESC-IPE1	811788.5	822288.9	Mid Ebb	4.6	24.96	30.92	5.7	110.1	7.63	8.11	12:19:25	1.23	119.7
ESC-IPE1	811789.1	822285.1	Mid Ebb	4.3	24.98	30.85	5.7	110.0	7.63	8.11	12:19:49	0.50	73.6
ESC-IPE1	811788.6	822288.0	Mid Ebb	4.2	24.93	31.04	8.1	107.8	7.47	8.11	12:20:12	0.89	68.0
ESC-IPE1	811787.5	822296.3	Mid Ebb	4.0	24.99	30.81	7.1	108.9	7.55	8.11	12:20:33	0.53	120.0
ESC-IPE1	811785.8	822302.8	Mid Ebb	4.6	24.90	31.16	8.7	107.2	7.43	8.10	12:20:58	1.06	60.1
ESC-IPE1	811784.6	822305.8	Mid Ebb	4.4	24.88	31.24	9.4	106.2	7.36	8.10	12:21:21	0.97	82.1
ESC-IPE1	811783.8	822306.0	Mid Ebb	4.7	24.92	31.10	8.7	106.9	7.41	8.10	12:21:43	0.40	325.6
ESC-IPE3	811756.0	821931.8	Mid Ebb	4.7	24.98	30.91	12.0	108.7	7.53	8.09	12:35:41	1.42	91.1
ESC-IPE3	811758.5	821927.9	Mid Ebb	4.1	24.99	30.84	11.2	109.2	7.57	8.10	12:36:04	0.70	117.9
ESC-IPE3	811759.5	821921.5	Mid Ebb	3.9	24.98	30.85	11.3	109.1	7.57	8.10	12:36:37	0.92	113.5
ESC-IPE3	811757.8	821925.9	Mid Ebb	3.3	24.98	30.82	12.7	108.9	7.55	8.10	12:37:05	1.23	93.0
ESC-IPE3	811756.8	821931.9	Mid Ebb	4.3	24.96	30.95	12.7	109.0	7.56	8.09	12:37:34	0.68	147.2
ESC-IPE3	811761.4	821935.0	Mid Ebb	4.5	24.95	30.98	17.3	107.8	7.47	8.09	12:37:59	1.08	114.2
ESC-IPE3	811768.1	821938.6	Mid Ebb	3.8	24.95	30.86	14.0	108.4	7.52	8.09	12:38:24	0.55	147.3
ESC-IPE3	811771.9	821942.6	Mid Ebb	4.1	24.95	30.94	18.4	108.2	7.50	8.09	12:38:50	0.64	108.2
ESC-IPE4	812440.1	821730.6	Mid Ebb	4.7	25.00	31.01	10.6	107.1	7.42	8.10	12:45:05	0.39	134.6
ESC-IPE4	812450.7	821732.4	Mid Ebb	4.7	24.96	31.18	12.0	107.8	7.47	8.11	12:45:27	0.94	137.1
ESC-IPE4	812459.8	821731.8	Mid Ebb	4.5	24.93	31.21	12.5	106.3	7.37	8.10	12:45:49	0.68	89.2
ESC-IPE4	812465.8	821727.1	Mid Ebb	4.5	24.96	31.13	11.5	106.9	7.41	8.10	12:46:11	0.97	106.2
ESC-IPE4	812472.7	821720.9	Mid Ebb	4.5	25.00	31.07	11.0	107.3	7.43	8.11	12:46:34	0.62	55.7
ESC-IPE4	812480.7	821715.7	Mid Ebb	4.5	24.95	31.18	11.1	107.4	7.44	8.10	12:46:58	0.27	192.1
ESC-IPE4	812491.9	821713.8	Mid Ebb	4.5	25.06	30.94	10.0	108.9	7.54	8.11	12:47:31	0.66	163.6
ESC-IPE4	812500.7	821718.8	Mid Ebb	4.3	25.04	30.98	9.9	109.1	7.55	8.11	12:47:54	0.58	114.9
ESC-IPE5	812907.3	822061.7	Mid Ebb	4.4	24.90	31.11	5.6	104.7	7.26	8.10	12:55:30	1.01	51.0
ESC-IPE5	812916.0	822064.9	Mid Ebb	4.3	24.92	31.01	5.6	104.7	7.26	8.10	12:55:52	0.33	75.0
ESC-IPE5	812932.1	822065.0	Mid Ebb	4.4	24.88	31.14	9.6	106.4	7.38	8.09	12:56:31	0.58	71.6
ESC-IPE5	812942.2	822060.7	Mid Ebb	4.4	24.88	31.17	7.9	106.2	7.36	8.09	12:56:54	0.57	140.0
ESC-IPE5	812954.7	822057.7	Mid Ebb	4.4	24.88	31.17	8.0	106.2	7.36	8.09	12:57:20	1.13	146.6
ESC-IPE5	812966.6	822055.9	Mid Ebb	4.4	24.88	31.14	7.6	106.3	7.37	8.09	12:57:46	1.13	146.6

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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-IPE5	812976.2	822055.7	Mid Ebb	4.4	24.89	31.09	9.0	106.7	7.40	8.09	12:58:09	0.64	83.6
ESC-IPE5	812986.9	822056.0	Mid Ebb	4.4	24.91	31.04	8.3	106.8	7.41	8.09	12:58:33	0.88	79.3
ESC-INE1	814052.2	822440.4	Mid Ebb	7.1	24.82	31.61	19.1	105.1	7.28	8.09	13:06:13	0.54	84.9
ESC-INE1	814053.8	822442.2	Mid Ebb	6.7	24.82	31.60	20.6	104.6	7.25	8.09	13:06:36	0.97	104.0
ESC-INE1	814053.9	822444.1	Mid Ebb	7.0	24.82	31.59	21.0	104.5	7.24	8.09	13:06:58	0.45	97.8
ESC-INE1	814057.2	822442.8	Mid Ebb	7.2	24.82	31.60	17.9	104.8	7.26	8.08	13:07:28	0.68	91.6
ESC-INE1	814058.4	822440.9	Mid Ebb	7.1	24.82	31.60	17.9	104.8	7.26	8.08	13:07:53	0.95	105.1
ESC-INE1	814057.9	822437.8	Mid Ebb	6.6	24.82	31.59	19.1	104.5	7.24	8.08	13:08:16	0.48	96.1
ESC-INE1	814056.6	822436.4	Mid Ebb	7.2	24.82	31.59	19.6	104.5	7.24	8.08	13:08:38	0.40	153.6
ESC-INE1	814056.5	822436.0	Mid Ebb	7.3	24.82	31.58	19.6	104.5	7.24	8.08	13:09:00	0.49	108.0
ESC-INE2	813974.9	821811.7	Mid Ebb	3.8	24.97	31.24	9.8	108.8	7.53	8.13	13:16:35	1.27	64.4
ESC-INE2	813982.2	821819.8	Mid Ebb	3.2	24.99	31.18	9.1	109.7	7.60	8.12	13:17:06	0.84	104.9
ESC-INE2	813981.2	821816.2	Mid Ebb	3.4	24.99	31.12	9.0	110.3	7.63	8.12	13:17:30	0.73	134.6
ESC-INE2	813985.2	821810.0	Mid Ebb	3.9	24.95	31.22	10.1	109.7	7.59	8.11	13:17:56	0.48	91.8
ESC-INE2	813986.8	821805.4	Mid Ebb	3.2	24.99	31.10	10.2	109.6	7.59	8.11	13:18:18	0.64	58.8
ESC-INE2	813983.2	821802.8	Mid Ebb	3.4	24.97	31.18	10.6	110.2	7.63	8.11	13:18:40	0.75	61.9
ESC-INE2	813981.0	821800.4	Mid Ebb	3.7	24.98	31.13	11.1	110.3	7.64	8.11	13:19:03	0.49	340.9
ESC-INE2	813980.8	821797.4	Mid Ebb	3.4	25.01	31.06	11.6	110.1	7.62	8.11	13:19:26	1.19	94.4
ESC-INE5	814260.0	821211.7	Mid Ebb	3.7	24.88	31.51	10.5	106.4	7.36	8.12	13:25:37	0.38	18.2
ESC-INE5	814260.2	821214.9	Mid Ebb	3.5	24.89	31.49	11.4	106.5	7.37	8.12	13:26:09	0.49	124.5
ESC-INE5	814258.0	821215.7	Mid Ebb	3.5	24.89	31.48	10.5	107.0	7.41	8.12	13:26:37	0.49	75.4
ESC-INE5	814258.0	821213.0	Mid Ebb	3.7	24.88	31.50	10.9	106.9	7.40	8.11	13:27:01	0.63	204.7
ESC-INE5	814260.9	821210.4	Mid Ebb	3.5	24.90	31.47	10.9	106.9	7.40	8.11	13:27:23	0.65	132.4
ESC-INE5	814265.2	821208.1	Mid Ebb	3.5	24.90	31.48	11.1	107.0	7.40	8.11	13:27:45	0.99	137.1
ESC-INE5	814269.1	821203.6	Mid Ebb	3.5	24.89	31.50	11.1	106.8	7.39	8.11	13:28:12	0.70	63.4
ESC-INE5	814270.6	821197.7	Mid Ebb	3.5	24.89	31.51	12.2	106.7	7.38	8.11	13:28:35	0.17	55.8
ESC-INE4	814558.9	822146.8	Mid Ebb	5.2	24.95	31.13	10.3	108.2	7.49	8.09	13:38:33	0.72	80.5
ESC-INE4	814559.1	822147.6	Mid Ebb	5.7	24.98	31.09	10.3	108.4	7.51	8.09	13:39:05	0.62	115.7
ESC-INE4	814563.4	822148.0	Mid Ebb	5.7	24.96	31.12	10.5	108.4	7.51	8.09	13:39:30	1.15	79.3
ESC-INE4	814569.5	822150.0	Mid Ebb	5.6	24.93	31.17	11.2	108.0	7.48	8.09	13:39:55	0.33	93.5
ESC-INE4	814580.2	822152.4	Mid Ebb	5.5	24.94	31.15	11.8	107.7	7.46	8.09	13:40:26	0.68	75.7
ESC-INE4	814596.9	822156.2	Mid Ebb	5.5	24.97	31.11	9.9	108.3	7.50	8.09	13:40:59	0.34	80.3
ESC-INE4	814612.2	822160.6	Mid Ebb	5.5	24.98	31.10	9.8	108.6	7.52	8.09	13:41:27	0.58	94.7
ESC-INE4	814625.6	822165.4	Mid Ebb	5.5	24.98	31.10	9.0	108.6	7.52	8.09	13:41:51	1.19	81.5
ESC-INE3	814592.1	822634.0	Mid Ebb	7.7	25.09	31.33	11.0	108.7	7.51	8.08	13:47:31	0.92	88.1
ESC-INE3	814591.5	822640.0	Mid Ebb	7.2	25.08	31.33	10.1	109.1	7.54	8.08	13:47:55	0.93	86.2
ESC-INE3	814594.4	822643.5	Mid Ebb	8.3	25.09	31.32	10.1	109.1	7.54	8.08	13:48:21	1.24	87.2
ESC-INE3	814604.6	822649.3	Mid Ebb	7.7	25.13	31.29	8.5	108.9	7.52	8.08	13:48:59	0.86	104.1
ESC-INE3	814612.0	822651.4	Mid Ebb	8.8	25.09	31.35	9.8	108.7	7.51	8.08	13:49:22	0.93	101.3
ESC-INE3	814622.4	822652.2	Mid Ebb	8.5	25.09	31.35	9.8	108.6	7.50	8.08	13:49:48	0.71	71.6
ESC-INE3	814634.2	822652.5	Mid Ebb	8.2	25.10	31.35	9.2	108.6	7.50	8.07	13:50:13	1.28	70.3
ESC-INE3	814646.5	822652.8	Mid Ebb	8.2	25.14	31.35	7.1	109.0	7.52	8.07	13:50:35	0.83	63.4
MW1	823604.2	823656.8	Mid Ebb	10.4	25.06	32.17	4.8	108.9	7.49	8.10	14:26:14	0.40	78.9
MW1	823603.5	823654.4	Mid Ebb	10.5	25.07	32.14	4.8	108.9	7.49	8.09	14:26:41	0.48	92.7
MW1	823604.4	823652.2	Mid Ebb	10.6	25.02	32.26	6.3	107.1	7.36	8.07	14:27:03	0.48	92.7
MW1	823603.9	823652.8	Mid Ebb	10.3	25.04	32.20	5.8	106.7	7.33	8.07	14:27:27	0.49	23.6
MW1	823602.4	823652.9	Mid Ebb	10.5	25.04	32.21	5.9	107.4	7.38	8.07	14:27:52	0.35	189.8
MW1	823601.1	823651.1	Mid Ebb	10.5	25.04	32.21	5.6	107.6	7.40	8.06	14:28:29	0.39	58.7
MW1	823598.6	823651.3	Mid Ebb	10.5	25.00	32.29	7.1	104.4	7.18	8.04	14:29:01	0.86	20.6
MW1	823597.2	823653.4	Mid Ebb	10.5	25.01	32.25	6.8	103.9	7.15	8.04	14:29:30	1.08	347.9