

ROUTINE WATER QUALITY MONITORING for ESC CMP Vd													
Date: 3 April 2019													
Pos. No.	Eastng	Northing	Tide	Depth (m)	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
ESC-RFE5	809413.2	823983.2	Mid Ebb	8.1	22.34	28.78	3.6	88.0	6.47	8.23	11:01:58	0.51	159.4
ESC-RFE5	809414.0	823984.6	Mid Ebb	8.1	22.35	28.67	3.7	87.8	6.46	8.19	11:02:30	0.51	159.4
ESC-RFE5	809413.9	823984.9	Mid Ebb	8.1	22.34	28.98	3.5	87.7	6.44	8.17	11:02:55	0.52	105.6
ESC-RFE5	809413.2	823987.0	Mid Ebb	8.1	22.34	29.10	4.0	87.7	6.43	8.15	11:03:23	0.37	128.1
ESC-RFE5	809410.8	823990.1	Mid Ebb	7.9	22.34	28.94	3.5	87.7	6.44	8.14	11:03:47	0.79	117.1
ESC-RFE5	809407.5	823997.2	Mid Ebb	7.9	22.35	28.82	3.7	87.6	6.44	8.13	11:04:10	0.53	162.1
ESC-RFE5	809403.8	824001.0	Mid Ebb	8.1	22.35	28.86	3.5	87.8	6.45	8.13	11:04:34	0.24	137.0
ESC-RFE5	809403.0	824002.2	Mid Ebb	8.1	22.34	28.95	3.6	87.7	6.44	8.12	11:04:59	0.68	98.3
ESC-RFE4	809174.0	823706.7	Mid Ebb	6.0	22.38	28.24	4.6	92.7	6.83	8.05	11:11:05	0.71	113.1
ESC-RFE4	809173.6	823709.2	Mid Ebb	6.0	22.38	28.18	4.7	88.6	6.53	8.07	11:11:29	0.71	113.1
ESC-RFE4	809174.4	823708.0	Mid Ebb	6.1	22.37	28.29	4.4	88.3	6.51	8.07	11:11:53	0.24	187.1
ESC-RFE4	809177.2	823708.0	Mid Ebb	6.1	22.37	28.32	4.4	88.2	6.50	8.08	11:12:17	0.18	164.9
ESC-RFE4	809175.8	823706.5	Mid Ebb	6.0	22.37	28.31	4.3	88.1	6.49	8.09	11:12:41	0.50	99.6
ESC-RFE4	809175.6	823712.1	Mid Ebb	5.9	22.39	28.20	4.4	88.1	6.49	8.09	11:13:07	0.29	117.4
ESC-RFE4	809173.9	823713.5	Mid Ebb	6.2	22.37	28.40	4.4	88.1	6.49	8.09	11:13:30	0.48	201.4
ESC-RFE4	809172.8	823711.7	Mid Ebb	6.0	22.37	28.40	4.3	87.9	6.47	8.10	11:14:01	0.59	157.1
ESC-RFE3	808952.8	823387.4	Mid Ebb	5.1	22.57	27.28	4.8	91.1	6.73	8.06	11:19:47	0.28	110.3
ESC-RFE3	808952.1	823385.5	Mid Ebb	5.1	22.54	27.39	5.1	90.6	6.69	8.08	11:20:10	0.28	110.3
ESC-RFE3	808952.8	823385.9	Mid Ebb	5.1	22.54	27.33	4.9	90.6	6.69	8.09	11:20:33	0.79	112.0
ESC-RFE3	808953.1	823387.3	Mid Ebb	5.0	22.55	27.36	5.0	90.7	6.70	8.11	11:21:05	0.62	145.8
ESC-RFE3	808954.5	823390.1	Mid Ebb	5.1	22.53	27.55	5.2	90.2	6.65	8.11	11:21:36	0.20	21.2
ESC-RFE3	808954.4	823388.1	Mid Ebb	5.2	22.52	27.61	5.3	90.1	6.65	8.11	11:22:03	0.70	121.8
ESC-RFE3	808958.3	823384.6	Mid Ebb	5.1	22.49	27.88	5.6	90.0	6.63	8.12	11:22:47	0.70	121.8
ESC-RFE3	808957.2	823385.7	Mid Ebb	5.0	22.51	27.69	5.5	89.9	6.63	8.12	11:23:12	0.26	161.5
ESC-RFE2	808729.8	823064.0	Mid Ebb	4.5	22.85	24.94	3.4	91.7	6.83	8.08	11:27:34	0.39	225.0
ESC-RFE2	808725.0	823055.7	Mid Ebb	4.6	22.48	28.51	4.4	89.6	6.58	8.07	11:28:08	0.77	209.2
ESC-RFE2	808721.1	823056.9	Mid Ebb	3.9	22.78	24.96	4.4	89.9	6.70	8.12	11:28:32	0.85	130.1
ESC-RFE2	808724.0	823061.2	Mid Ebb	4.7	22.43	28.94	4.6	88.9	6.52	8.08	11:28:54	0.92	264.4
ESC-RFE2	808728.7	823062.1	Mid Ebb	4.5	22.62	26.17	6.3	89.4	6.64	8.12	11:29:18	0.64	123.1
ESC-RFE2	808732.7	823057.7	Mid Ebb	4.5	22.39	28.81	6.2	89.3	6.56	8.11	11:30:03	0.92	222.8
ESC-RFE2	808732.7	823053.8	Mid Ebb	4.5	22.39	28.81	5.9	89.4	6.56	8.12	11:30:27	0.26	359.3
ESC-RFE2	808730.6	823045.8	Mid Ebb	4.4	22.45	27.59	5.8	89.5	6.61	8.12	11:31:04	0.27	305.2
ESC-RFE1	808520.8	822765.1	Mid Ebb	4.6	22.40	28.93	5.5	91.0	6.68	8.06	11:35:53	0.04	225.0
ESC-RFE1	808517.9	822763.6	Mid Ebb	4.4	22.65	26.69	4.7	90.9	6.73	8.10	11:36:16	0.30	150.3
ESC-RFE1	808514.2	822768.8	Mid Ebb	3.9	22.72	26.21	4.2	90.6	6.72	8.11	11:36:45	1.31	110.1
ESC-RFE1	808519.9	822776.2	Mid Ebb	4.5	22.42	28.71	5.9	90.2	6.63	8.10	11:37:08	0.88	202.0
ESC-RFE1	808529.4	822776.5	Mid Ebb	4.8	22.38	28.97	6.1	89.4	6.56	8.11	11:37:32	0.67	111.3
ESC-RFE1	808532.5	822770.9	Mid Ebb	4.5	22.39	28.76	6.6	89.2	6.56	8.12	11:38:00	1.01	195.3
ESC-RFE1	808530.6	822766.1	Mid Ebb	4.5	22.81	26.14	4.4	90.2	6.68	8.15	11:38:23	0.69	60.0
ESC-RFE1	808527.1	822762.6	Mid Ebb	4.5	22.89	25.71	3.7	90.3	6.69	8.13	11:38:52	0.35	134.9
ESC-IPE2	810954.1	822260.6	Mid Ebb	4.6	22.57	27.08	5.1	91.4	6.76	8.01	11:53:31	0.65	103.1
ESC-IPE2	810957.1	822263.1	Mid Ebb	4.7	22.50	27.63	8.3	89.8	6.63	8.05	11:54:03	0.43	90.3
ESC-IPE2	810955.7	822261.2	Mid Ebb	4.4	22.53	27.25	7.7	89.4	6.61	8.07	11:54:31	1.08	139.5
ESC-IPE2	810952.0	822257.5	Mid Ebb	4.8	22.48	27.92	10.2	89.2	6.58	8.08	11:55:00	0.95	156.4
ESC-IPE2	810949.8	822256.8	Mid Ebb	4.5	22.54	27.17	7.5	89.1	6.59	8.10	11:55:21	0.34	138.2
ESC-IPE2	810944.8	822254.1	Mid Ebb	4.5	22.55	27.52	7.2	89.2	6.58	8.10	11:55:46	0.42	133.5
ESC-IPE2	810944.3	822253.7	Mid Ebb	4.7	22.51	27.46	7.1	89.0	6.58	8.10	11:56:08	1.09	119.4
ESC-IPE2	810943.6	822255.2	Mid Ebb	4.5	22.54	27.08	6.3	89.1	6.59	8.10	11:56:31	0.11	98.1
ESC-IPE1	811785.0	822297.1	Mid Ebb	5.0	22.48	27.82	4.3	90.6	6.68	8.03	12:04:15	0.39	90.2
ESC-IPE1	811786.3	822301.5	Mid Ebb	5.0	22.48	27.75	4.5	89.9	6.63	8.06	12:04:45	0.51	113.2
ESC-IPE1	811788.7	822308.0	Mid Ebb	4.9	22.48	27.79	4.5	89.4	6.60	8.07	12:05:07	0.40	108.5
ESC-IPE1	811792.4	822316.2	Mid Ebb	4.9	22.46	28.10	4.9	89.3	6.58	8.08	12:05:31	1.78	124.5
ESC-IPE1	811799.7	822325.4	Mid Ebb	5.5	22.37	29.21	5.4	88.2	6.47	8.08	12:06:01	0.79	141.0
ESC-IPE1	811807.1	822318.3	Mid Ebb	5.0	22.38	29.02	5.4	87.5	6.42	8.09	12:06:25	0.78	130.3
ESC-IPE1	811817.6	822312.5	Mid Ebb	4.9	22.46	27.94	5.1	88.2	6.50	8.10	12:06:58	0.66	61.2
ESC-IPE1	811824.6	822309.6	Mid Ebb	4.9	22.47	27.86	4.8	88.7	6.54	8.11	12:07:21	0.52	2.6
ESC-IPE4	812413.9	821716.5	Mid Ebb	4.3	22.64	26.38	4.3	91.0	6.75	8.04	12:15:33	0.77	97.3
ESC-IPE4	812412.3	821715.4	Mid Ebb	4.4	22.69	25.53	4.3	90.6	6.75	8.06	12:16:05	0.58	107.6
ESC-IPE4	812412.5	821712.9	Mid Ebb	4.4	22.71	25.77	4.0	90.3	6.71	8.07	12:16:28	0.61	124.1
ESC-IPE4	812414.0	821709.7	Mid Ebb	4.7	22.64	26.28	4.3	90.1	6.68	8.06	12:17:06	0.69	137.7
ESC-IPE4	812418.6	821707.1	Mid Ebb	4.5	22.75	25.68	3.9	90.0	6.69	8.07	12:17:30	0.22	216.4
ESC-IPE4	812432.9	821703.9	Mid Ebb	4.5	22.78	25.51	3.5	89.9	6.68	8.07	12:18:12	0.22	216.4
ESC-IPE4	812427.0	821699.0	Mid Ebb	4.2	22.75	25.85	3.6	90.1	6.69	8.06	12:18:38	0.63	172.1
ESC-IPE4	812424.8	821701.3	Mid Ebb	4.3	22.72	25.91	3.9	90.2	6.70	8.06	12:19:12	0.84	156.5

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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-IPE3	811770.7	821938.8	Mid Ebb	4.5	22.51	27.70	6.1	90.5	6.67	8.04	12:28:30	0.57	139.1
ESC-IPE3	811772.5	821946.0	Mid Ebb	4.5	22.49	27.89	7.4	90.2	6.65	8.06	12:28:53	0.53	141.8
ESC-IPE3	811775.6	821953.3	Mid Ebb	4.9	22.47	28.22	8.1	90.1	6.63	8.07	12:29:17	0.49	116.7
ESC-IPE3	811780.2	821953.6	Mid Ebb	4.3	22.46	28.20	8.5	90.1	6.63	8.08	12:29:39	0.35	196.9
ESC-IPE3	811785.4	821946.7	Mid Ebb	4.5	22.47	28.14	8.5	89.8	6.61	8.09	12:30:02	0.57	123.4
ESC-IPE3	811791.0	821939.5	Mid Ebb	4.6	22.48	28.01	8.0	89.9	6.62	8.09	12:30:28	0.16	113.6
ESC-IPE3	811794.7	821932.8	Mid Ebb	4.6	22.50	27.74	6.8	89.7	6.61	8.09	12:30:52	0.14	1.6
ESC-IPE3	811799.5	821925.3	Mid Ebb	4.6	22.51	27.58	5.9	89.5	6.60	8.09	12:31:21	0.14	1.6
ESC-IPE5	812890.0	822044.3	Mid Ebb	4.5	22.43	28.40	4.5	90.9	6.68	8.02	12:40:27	0.58	62.1
ESC-IPE5	812894.9	822048.6	Mid Ebb	4.4	22.43	28.26	4.7	90.0	6.62	8.05	12:40:49	0.53	156.1
ESC-IPE5	812899.7	822055.6	Mid Ebb	4.5	22.43	28.36	4.7	90.0	6.62	8.06	12:41:14	0.58	62.1
ESC-IPE5	812904.4	822063.3	Mid Ebb	4.6	22.41	28.69	5.3	89.2	6.55	8.06	12:41:37	0.81	99.9
ESC-IPE5	812911.8	822072.6	Mid Ebb	4.4	22.42	28.44	5.0	89.2	6.56	8.06	12:42:00	1.12	115.1
ESC-IPE5	812920.6	822080.2	Mid Ebb	4.7	22.41	28.60	6.0	88.8	6.53	8.06	12:42:22	0.11	137.9
ESC-IPE5	812931.4	822085.7	Mid Ebb	4.4	22.42	28.46	5.0	88.8	6.53	8.07	12:42:45	0.53	121.1
ESC-IPE5	812940.8	822090.0	Mid Ebb	4.4	22.43	28.14	4.4	89.1	6.56	8.07	12:43:07	0.69	212.2
ESC-INE2	813960.2	821796.7	Mid Ebb	3.5	22.43	28.37	5.5	90.7	6.67	8.02	12:50:50	0.28	107.0
ESC-INE2	813967.6	821797.6	Mid Ebb	3.5	22.48	27.85	3.5	89.7	6.61	8.04	12:51:14	1.15	89.6
ESC-INE2	813978.7	821798.5	Mid Ebb	3.5	22.48	27.91	3.4	89.4	6.59	8.06	12:51:54	1.02	120.2
ESC-INE2	813985.4	821798.5	Mid Ebb	3.6	22.49	27.87	3.8	89.1	6.56	8.06	12:52:19	1.02	120.2
ESC-INE2	813992.5	821798.5	Mid Ebb	3.6	22.47	27.97	3.9	89.0	6.56	8.06	12:52:41	0.57	58.4
ESC-INE2	814000.3	821800.0	Mid Ebb	3.5	22.47	27.98	3.9	88.7	6.53	8.07	12:53:06	0.57	58.4
ESC-INE2	814007.0	821803.3	Mid Ebb	3.5	22.48	27.94	3.7	88.8	6.54	8.07	12:53:29	0.65	118.5
ESC-INE2	814016.6	821809.0	Mid Ebb	3.5	22.50	27.73	3.5	89.0	6.56	8.07	12:54:01	0.96	60.7
ESC-INE5	814254.2	821206.6	Mid Ebb	3.7	22.40	28.68	4.2	91.3	6.71	8.02	12:59:35	0.83	136.2
ESC-INE5	814255.2	821209.9	Mid Ebb	3.4	22.41	28.61	4.3	90.2	6.63	8.05	12:59:57	1.03	137.6
ESC-INE5	814256.6	821215.6	Mid Ebb	3.4	22.40	28.71	4.4	89.5	6.57	8.06	13:00:23	1.14	178.4
ESC-INE5	814261.0	821216.4	Mid Ebb	3.6	22.41	28.64	4.4	89.3	6.56	8.07	13:00:45	0.68	247.8
ESC-INE5	814265.7	821217.2	Mid Ebb	3.6	22.41	28.60	4.5	89.2	6.55	8.07	13:01:07	0.40	200.1
ESC-INE5	814271.6	821218.1	Mid Ebb	3.6	22.41	28.68	4.4	88.9	6.53	8.08	13:01:30	0.68	247.8
ESC-INE5	814278.9	821218.7	Mid Ebb	3.6	22.47	28.15	4.8	89.0	6.55	8.08	13:02:00	0.64	104.1
ESC-INE5	814283.4	821218.1	Mid Ebb	3.6	22.53	27.68	4.4	89.2	6.58	8.09	13:02:22	0.64	100.1
ESC-INE4	814544.1	822112.4	Mid Ebb	6.1	22.42	28.61	7.7	91.2	6.70	8.02	13:10:54	0.45	108.3
ESC-INE4	814549.5	822128.1	Mid Ebb	5.9	22.41	28.62	7.8	88.8	6.53	8.04	13:11:39	0.35	84.1
ESC-INE4	814552.6	822135.8	Mid Ebb	6.0	22.41	28.62	8.0	88.6	6.51	8.04	13:12:04	0.58	122.5
ESC-INE4	814555.6	822141.9	Mid Ebb	6.0	22.41	28.63	8.2	88.5	6.51	8.05	13:12:27	0.58	122.5
ESC-INE4	814558.8	822149.2	Mid Ebb	6.0	22.41	28.65	9.3	88.2	6.48	8.05	13:12:51	0.70	141.1
ESC-INE4	814561.7	822156.0	Mid Ebb	6.0	22.41	28.68	10.6	88.2	6.48	8.05	13:13:15	0.76	117.1
ESC-INE4	814565.2	822164.2	Mid Ebb	5.9	22.41	28.67	7.4	88.4	6.50	8.05	13:13:40	0.52	49.4
ESC-INE4	814567.9	822172.6	Mid Ebb	5.9	22.41	28.68	8.3	88.4	6.50	8.05	13:14:03	0.61	90.1
ESC-INE1	814036.7	822431.4	Mid Ebb	7.3	22.36	29.30	3.8	89.9	6.59	7.99	13:20:05	0.20	151.9
ESC-INE1	814045.2	822435.4	Mid Ebb	7.0	22.36	29.27	3.8	88.5	6.49	8.01	13:20:30	0.83	126.8
ESC-INE1	814057.4	822442.9	Mid Ebb	7.0	22.35	29.33	4.5	88.0	6.45	8.03	13:21:01	1.27	94.4
ESC-INE1	814067.7	822448.6	Mid Ebb	7.0	22.36	29.27	4.1	87.8	6.44	8.03	13:21:25	0.71	80.2
ESC-INE1	814081.9	822456.7	Mid Ebb	6.9	22.36	29.31	4.1	88.0	6.45	8.04	13:22:00	0.71	45.9
ESC-INE1	814093.0	822462.7	Mid Ebb	7.0	22.35	29.32	4.0	87.7	6.43	8.04	13:22:28	0.09	71.2
ESC-INE1	814108.5	822471.7	Mid Ebb	7.0	22.36	29.22	2.9	88.2	6.47	8.04	13:23:10	0.72	103.5
ESC-INE1	814118.5	822477.5	Mid Ebb	6.9	22.36	29.28	3.1	88.1	6.46	8.04	13:23:38	0.72	103.5
ESC-INE3	814553.6	822609.7	Mid Ebb	8.1	22.35	29.40	2.7	89.9	6.59	8.01	13:29:59	0.53	91.2
ESC-INE3	814558.3	822605.3	Mid Ebb	8.2	22.35	29.41	3.1	88.3	6.47	8.03	13:30:23	0.70	82.8
ESC-INE3	814562.0	822603.0	Mid Ebb	8.2	22.35	29.42	3.3	87.8	6.43	8.04	13:30:46	0.70	82.8
ESC-INE3	814565.8	822604.0	Mid Ebb	8.3	22.35	29.42	3.1	87.7	6.42	8.05	13:31:11	0.91	2.0
ESC-INE3	814570.4	822604.6	Mid Ebb	8.0	22.35	29.43	3.2	87.6	6.42	8.05	13:31:34	0.60	84.7
ESC-INE3	814572.7	822603.9	Mid Ebb	7.7	22.35	29.40	3.0	87.7	6.42	8.05	13:31:55	0.79	108.1
ESC-INE3	814573.4	822602.5	Mid Ebb	7.8	22.35	29.41	2.9	87.8	6.43	8.05	13:32:21	0.87	66.6
ESC-INE3	814576.4	822600.5	Mid Ebb	7.8	22.35	29.39	3.0	87.6	6.42	8.06	13:32:47	0.90	85.9
MW1	823602.3	823652.3	Mid Ebb	10.5	22.50	30.88	1.9	89.0	6.44	8.04	14:15:36	0.99	345.0
MW1	823599.8	823652.0	Mid Ebb	10.3	22.49	30.88	1.8	88.4	6.40	8.05	14:16:03	0.71	29.2
MW1	823599.3	823653.4	Mid Ebb	10.6	22.47	30.91	1.8	87.9	6.37	8.05	14:16:27	0.61	337.2
MW1	823601.7	823656.2	Mid Ebb	10.7	22.46	30.93	1.8	87.6	6.34	8.05	14:16:49	0.31	326.3
MW1	823608.6	823658.6	Mid Ebb	10.7	22.50	30.84	1.8	87.4	6.33	8.06	14:17:11	0.59	332.9
MW1	823612.8	823663.6	Mid Ebb	10.6	22.49	30.87	1.8	87.2	6.31	8.06	14:17:36	0.54	22.5
MW1	823610.2	823665.2	Mid Ebb	10.5	22.47	30.91	1.9	87.1	6.31	8.05	14:18:21	0.19	68.8
MW1	823608.3	823662.8	Mid Ebb	10.5	22.47	30.91	1.9	87.1	6.31	8.05	14:18:45	0.19	68.8