

ROUTINE WATER QUALITY MONITORING for ESC CMP Vd													
Date: 27 July 2018													
Pos. No.	Easting	Northing	Tide	Depth (m)	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
ESC-RFE5	809429.5	824013.3	Mid Ebb	8.5	29.30	23.19	7.9	82.2	5.53	7.96	11:23:45	0.64	128.9
ESC-RFE5	809434.2	824012.3	Mid Ebb	8.4	29.27	23.74	8.5	79.0	5.30	7.94	11:24:08	1.48	114.8
ESC-RFE5	809437.6	824011.5	Mid Ebb	8.4	29.25	24.18	7.7	78.9	5.28	7.95	11:24:32	0.42	87.1
ESC-RFE5	809438.0	824013.5	Mid Ebb	8.4	29.23	24.43	7.6	79.5	5.32	7.95	11:24:55	1.26	131.1
ESC-RFE5	809437.3	824015.7	Mid Ebb	8.3	29.26	23.76	8.1	78.9	5.30	7.94	11:25:26	1.09	153.6
ESC-RFE5	809437.1	824015.8	Mid Ebb	8.6	29.25	24.10	8.2	78.8	5.28	7.95	11:25:50	0.93	219.0
ESC-RFE5	809435.9	824017.1	Mid Ebb	8.3	29.33	22.88	9.0	78.3	5.27	7.95	11:26:17	0.80	52.4
ESC-RFE5	809433.7	824018.6	Mid Ebb	8.7	29.26	24.08	8.3	78.4	5.25	7.94	11:26:41	0.30	148.3
ESC-RFE4	809174.3	823713.2	Mid Ebb	6.1	29.48	21.12	5.8	82.9	5.63	7.94	11:31:50	0.91	131.3
ESC-RFE4	809172.7	823712.6	Mid Ebb	5.9	29.49	20.95	6.1	81.5	5.54	7.93	11:32:22	0.88	148.9
ESC-RFE4	809173.1	823712.9	Mid Ebb	5.9	29.48	21.06	6.1	81.3	5.52	7.93	11:32:46	0.83	122.1
ESC-RFE4	809176.4	823712.7	Mid Ebb	6.3	29.47	21.24	6.1	81.1	5.51	7.94	11:33:30	0.22	204.3
ESC-RFE4	809178.1	823708.5	Mid Ebb	6.3	29.47	21.27	6.1	80.8	5.48	7.94	11:33:55	0.22	204.3
ESC-RFE4	809178.8	823709.8	Mid Ebb	6.0	29.46	21.29	6.3	80.7	5.48	7.93	11:34:21	0.41	86.7
ESC-RFE4	809180.3	823711.7	Mid Ebb	6.0	29.47	21.24	6.2	80.7	5.48	7.94	11:34:43	0.90	129.7
ESC-RFE4	809180.0	823710.6	Mid Ebb	6.1	29.45	21.45	6.6	80.3	5.45	7.94	11:35:07	0.71	103.0
ESC-RFE3	808955.2	823385.7	Mid Ebb	5.2	29.43	21.67	6.2	83.3	5.64	7.94	11:40:41	0.74	171.0
ESC-RFE3	808954.1	823385.8	Mid Ebb	5.9	29.42	21.80	6.4	81.4	5.51	7.94	11:41:05	0.97	91.1
ESC-RFE3	808956.9	823383.7	Mid Ebb	5.9	29.42	21.76	6.5	80.8	5.47	7.95	11:41:31	0.97	91.1
ESC-RFE3	808960.7	823385.5	Mid Ebb	5.4	29.43	21.61	7.3	79.5	5.39	7.94	11:42:08	1.88	138.0
ESC-RFE3	808963.4	823385.7	Mid Ebb	5.4	29.43	21.69	6.7	80.1	5.43	7.95	11:42:31	1.15	136.6
ESC-RFE3	808965.8	823387.2	Mid Ebb	5.2	29.43	21.67	6.6	80.1	5.43	7.95	11:43:00	0.80	79.9
ESC-RFE3	808961.7	823388.1	Mid Ebb	5.4	29.47	21.37	7.7	79.3	5.38	7.93	11:43:36	1.15	177.5
ESC-RFE3	808958.8	823392.2	Mid Ebb	5.0	29.45	21.44	7.8	79.4	5.38	7.94	11:44:03	0.64	154.9
ESC-RFE2	808730.9	823069.0	Mid Ebb	5.3	29.49	20.94	6.8	84.8	5.76	7.93	11:49:30	0.50	64.4
ESC-RFE2	808733.7	823065.8	Mid Ebb	5.0	29.48	20.96	7.9	82.4	5.60	7.93	11:49:56	1.11	107.4
ESC-RFE2	808738.4	823066.0	Mid Ebb	4.9	29.46	21.05	7.9	81.9	5.56	7.92	11:50:44	0.38	131.3
ESC-RFE2	808739.7	823067.8	Mid Ebb	4.8	29.45	21.10	8.0	81.1	5.51	7.92	11:51:10	0.38	131.3
ESC-RFE2	808738.9	823068.6	Mid Ebb	4.4	29.47	21.04	7.5	81.4	5.53	7.93	11:51:37	0.77	133.9
ESC-RFE2	808737.2	823068.5	Mid Ebb	5.1	29.44	21.21	8.8	80.6	5.47	7.93	11:52:02	0.43	124.1
ESC-RFE2	808737.4	823069.0	Mid Ebb	4.9	29.44	21.22	9.4	80.1	5.44	7.93	11:52:29	0.35	111.7
ESC-RFE2	808736.3	823068.1	Mid Ebb	5.1	29.44	21.21	9.0	80.1	5.44	7.93	11:52:53	0.81	133.6
ESC-RFE1	808524.3	822755.0	Mid Ebb	4.7	29.50	20.99	6.4	86.2	5.85	7.94	11:57:46	0.64	99.8
ESC-RFE1	808525.4	822756.3	Mid Ebb	4.8	29.44	21.74	10.3	81.5	5.52	7.94	11:58:12	0.88	141.0
ESC-RFE1	808530.6	822757.3	Mid Ebb	4.4	29.45	21.23	11.0	79.9	5.42	7.95	11:58:35	0.04	274.8
ESC-RFE1	808536.7	822760.3	Mid Ebb	4.1	29.47	21.04	8.5	80.0	5.43	7.94	11:58:59	1.12	141.4
ESC-RFE1	808537.4	822764.7	Mid Ebb	4.5	29.49	20.90	7.9	80.5	5.47	7.93	11:59:27	1.43	139.2
ESC-RFE1	808537.2	822767.8	Mid Ebb	4.7	29.42	21.76	10.4	79.5	5.38	7.95	12:00:00	0.70	212.1
ESC-RFE1	808537.7	822770.0	Mid Ebb	4.9	29.45	21.42	10.3	79.6	5.40	7.94	12:00:25	1.33	148.9
ESC-RFE1	808535.1	822769.7	Mid Ebb	4.7	29.47	21.15	8.7	79.8	5.42	7.94	12:00:49	1.35	163.9
ESC-IPE2	810942.9	822249.6	Mid Ebb	4.6	29.52	21.16	6.0	87.5	5.94	7.98	12:14:47	0.91	80.5
ESC-IPE2	810942.6	822253.4	Mid Ebb	4.6	29.51	21.22	6.8	83.7	5.68	7.98	12:15:14	0.81	118.2
ESC-IPE2	810948.3	822259.2	Mid Ebb	4.1	29.59	20.56	6.0	83.6	5.68	7.97	12:16:24	0.72	133.8
ESC-IPE2	810947.2	822262.4	Mid Ebb	4.3	29.54	20.86	6.6	83.3	5.66	7.97	12:16:48	0.31	122.8
ESC-IPE2	810946.1	822264.7	Mid Ebb	4.8	29.50	21.24	7.2	82.8	5.62	7.97	12:17:13	0.87	102.7
ESC-IPE2	810947.8	822264.2	Mid Ebb	4.8	29.48	21.40	8.3	81.8	5.55	7.97	12:17:36	0.88	182.2
ESC-IPE2	810953.1	822263.5	Mid Ebb	4.7	29.49	21.29	7.6	81.8	5.55	7.97	12:18:04	0.30	121.2
ESC-IPE2	810956.3	822263.9	Mid Ebb	4.7	29.50	21.19	7.3	82.0	5.56	7.97	12:18:25	0.50	162.5
ESC-IPE1	811785.0	822293.7	Mid Ebb	5.3	29.43	21.87	9.5	83.9	5.68	7.97	12:26:30	0.83	122.8
ESC-IPE1	811783.6	822296.4	Mid Ebb	4.8	29.44	21.78	8.8	82.0	5.55	7.97	12:26:57	1.05	88.0
ESC-IPE1	811785.0	822302.0	Mid Ebb	5.3	29.43	21.88	9.3	81.4	5.51	7.97	12:27:20	0.74	111.1
ESC-IPE1	811786.2	822306.2	Mid Ebb	5.2	29.42	21.95	9.6	81.0	5.48	7.97	12:27:59	0.54	92.4
ESC-IPE1	811788.1	822305.2	Mid Ebb	4.9	29.42	21.96	9.1	80.6	5.45	7.97	12:28:22	0.99	152.4
ESC-IPE1	811787.3	822305.9	Mid Ebb	4.8	29.43	21.85	8.4	80.7	5.46	7.97	12:28:45	0.76	131.1
ESC-IPE1	811788.4	822306.1	Mid Ebb	5.2	29.43	21.87	8.6	80.6	5.45	7.97	12:29:11	0.95	100.9
ESC-IPE1	811789.5	822304.7	Mid Ebb	5.2	29.42	21.92	8.8	80.3	5.43	7.97	12:29:34	0.70	63.4
ESC-IPE3	811746.7	821932.1	Mid Ebb	4.5	29.49	21.45	10.2	84.9	5.76	7.98	12:37:59	0.50	163.3
ESC-IPE3	811749.4	821932.5	Mid Ebb	4.5	29.50	21.41	11.2	83.6	5.67	7.98	12:38:40	0.47	85.5
ESC-IPE3	811750.6	821935.0	Mid Ebb	4.4	29.51	21.32	9.5	83.8	5.68	7.98	12:39:03	0.74	114.7
ESC-IPE3	811751.8	821931.0	Mid Ebb	4.7	29.47	21.65	12.8	82.7	5.60	7.98	12:39:36	0.76	103.4
ESC-IPE3	811749.6	821930.3	Mid Ebb	4.3	29.47	21.65	12.8	82.3	5.58	7.98	12:40:10	0.50	110.5
ESC-IPE3	811748.7	821932.1	Mid Ebb	5.0	29.47	21.69	13.1	82.3	5.57	7.98	12:40:34	1.11	105.5
ESC-IPE3	811748.5	821936.8	Mid Ebb	4.1	29.49	21.44	10.9	82.6	5.60	7.98	12:41:05	0.59	137.3
ESC-IPE3	811746.4	821938.1	Mid Ebb	4.9	29.42	22.19	17.1	81.8	5.53	7.98	12:41:30	0.36	87.8
ESC-IPE4	812430.4	821716.3	Mid Ebb	4.8	29.58	20.98	5.8	87.3	5.92	7.97	12:48:34	0.38	64.4
ESC-IPE4	812426.1	821718.5	Mid Ebb	4.1	29.64	20.71	5.4	86.6	5.88	7.97	12:49:03	0.68	107.3
ESC-IPE4	812422.3	821721.2	Mid Ebb	4.7	29.63	20.73	5.5	86.0	5.84	7.97	12:49:26	0.34	180.8
ESC-IPE4	812419.4	821722.8	Mid Ebb	4.7	29.61	20.87	5.9	85.3	5.79	7.97	12:49:54	0.77	39.7
ESC-IPE4	812416.6	821720.9	Mid Ebb	4.7	29.59	21.02	6.1	85.4	5.79	7.97	12:50:19	0.50	97.0
ESC-IPE4	812418.1	821716.8	Mid Ebb	4.6	29.61	20.79	6.1	85.3	5.79	7.97	12:50:45	0.52	126.5
ESC-IPE4	812422.0	821714.9	Mid Ebb	4.6	29.72	20.46	5.5	87.7	5.95	7.97	12:51:07	0.75	145.4
ESC-IPE4	812424.1	821712.2	Mid Ebb	4.7	29.67	20.59	5.0	87.0	5.90	7.97	12:51:30	0.71	132.6
ESC-IPE5	812895.4	822053.0	Mid Ebb	4.7	29.46	21.91	13.2	84.5	5.71	7.98	12:57:13	0.87	99.8
ESC-IPE5	812897.6	822054.3	Mid Ebb	4.4	29.47	21.79	12.2	83.4	5.64	7.98	12:57:34	0.50	145.8
ESC-IPE5	812896.6	822055.1	Mid Ebb	4.6	29.46	21.96	13.8	82.6	5.58	7.98	12:58:04	0.50	118.8
ESC-IPE5	812896.8	822053.2	Mid Ebb	4.7	29.46	21.92	14.8	82.5	5.58	7.98	12:58:30	0.81	122.7
ESC-IPE5	812897.9	822052.4	Mid Ebb	4.7	29.46	21.87	13.2	82.5	5.58	7.98	12:59:00	0.81	122.7
ESC-IPE5	812897.2	822051.0	Mid Ebb	4.4	29.47	21.81	12.2	82.8	5.60	7.98	12:59:23	0.28	23.1
ESC-IPE5	812895.4	822050.5	Mid Ebb	4.6	29.46	21.88	12.3	82.4	5.57	7.98	12:59:46	0.58	107.4
ESC-IPE5	812895.8	822048.3	Mid Ebb	4.4	29.46	21.83	12.5	82.1	5.55	7.98	13:00:14	0.70	64.3
ESC-INE2	813971.4	821803.0	Mid Ebb	4.2	29.57	21.46	7.2	90.7	6.14	8.01	13:07:42	0.57	90.3
ESC-INE2	813973.6	821803.9	Mid Ebb	3.6	29.61	21.09	6.2	88.0	5.97	8.00	13:08:04	1.24	35.5
ESC-INE2	813973.9	821805.1	Mid Ebb	4.1	29.57	21.34	7.3	87.1	5.90	8.00	13:08:29	0.81	118.3
ESC-INE2	813973.5	821805.0	Mid Ebb	3.8	29.62	21.10	6.3	87.4	5.92	8.00	13:08:51	1.34	46.7
ESC-INE2	813974.7	821804.2	Mid Ebb	4.0	29.59	21.26	7.0	87.4	5.92	8.00	13:09:13	0.61	23.7
ESC-INE2													

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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-INE2	813976.6	821800.0	Mid Ebb	4.2	29.56	21.46	8.9	86.2	5.84	8.00	13:09:58	1.35	88.3
ESC-INE2	813981.4	821798.5	Mid Ebb	3.9	29.55	21.52	9.9	85.7	5.80	8.00	13:10:20	1.24	108.8
ESC-INE5	814258.4	821207.0	Mid Ebb	3.6	29.61	21.36	5.5	94.4	6.39	8.03	13:16:05	0.56	152.9
ESC-INE5	814259.3	821208.1	Mid Ebb	3.4	29.60	21.42	6.1	92.1	6.23	8.04	13:16:27	0.50	176.1
ESC-INE5	814261.9	821207.2	Mid Ebb	3.5	29.60	21.45	6.1	91.6	6.20	8.05	13:16:50	0.32	116.7
ESC-INE5	814263.7	821205.2	Mid Ebb	3.4	29.61	21.42	6.0	91.5	6.19	8.05	13:17:14	0.79	126.6
ESC-INE5	814261.0	821207.1	Mid Ebb	3.3	29.61	21.36	5.7	91.3	6.18	8.05	13:17:37	1.04	80.9
ESC-INE5	814258.8	821207.6	Mid Ebb	3.8	29.59	21.54	6.2	91.1	6.16	8.05	13:18:02	0.44	50.2
ESC-INE5	814259.5	821206.3	Mid Ebb	3.6	29.60	21.42	6.0	90.9	6.15	8.05	13:18:25	0.40	132.7
ESC-INE5	814263.0	821204.3	Mid Ebb	3.5	29.61	21.38	5.3	91.4	6.18	8.05	13:18:51	1.12	96.9
ESC-INE4	814548.5	822132.2	Mid Ebb	5.8	29.49	21.95	15.9	86.8	5.86	8.00	13:28:19	0.29	101.7
ESC-INE4	814549.5	822133.5	Mid Ebb	6.3	29.48	22.00	17.5	85.0	5.74	8.00	13:28:42	0.78	98.8
ESC-INE4	814552.0	822134.3	Mid Ebb	5.8	29.48	21.98	17.4	84.3	5.70	8.00	13:29:04	0.79	98.8
ESC-INE4	814550.9	822132.0	Mid Ebb	5.8	29.48	21.97	16.6	84.2	5.69	8.00	13:29:27	1.07	18.5
ESC-INE4	814555.3	822128.2	Mid Ebb	6.1	29.48	21.98	16.6	83.9	5.67	8.00	13:29:58	0.56	73.4
ESC-INE4	814553.8	822126.2	Mid Ebb	6.0	29.48	21.95	15.8	83.6	5.65	8.00	13:30:25	0.54	81.7
ESC-INE4	814556.5	822122.2	Mid Ebb	6.3	29.48	21.96	16.6	83.6	5.65	8.00	13:30:47	0.52	84.2
ESC-INE4	814558.9	822119.9	Mid Ebb	5.9	29.48	21.95	15.9	83.8	5.66	8.00	13:31:10	0.50	71.5
ESC-INE1	814054.3	822448.5	Mid Ebb	7.0	29.38	22.52	6.7	85.9	5.79	7.98	13:36:58	0.38	176.1
ESC-INE1	814057.9	822447.5	Mid Ebb	6.8	29.39	22.41	7.6	85.9	5.80	7.98	13:37:21	0.61	113.4
ESC-INE1	814056.6	822444.9	Mid Ebb	6.4	29.39	22.33	8.2	80.7	5.45	7.98	13:37:43	0.88	72.8
ESC-INE1	814056.9	822441.2	Mid Ebb	7.0	29.38	22.47	8.3	80.5	5.43	7.98	13:38:07	0.70	72.7
ESC-INE1	814057.5	822439.4	Mid Ebb	6.4	29.38	22.44	8.4	80.4	5.43	7.98	13:38:30	0.66	94.6
ESC-INE1	814055.2	822440.3	Mid Ebb	7.4	29.37	22.56	8.6	80.2	5.41	7.97	13:38:51	1.28	73.9
ESC-INE1	814055.1	822442.7	Mid Ebb	7.1	29.31	23.38	9.8	79.2	5.32	7.98	13:39:17	0.55	93.3
ESC-INE1	814056.5	822446.7	Mid Ebb	7.5	29.28	22.82	9.9	78.8	5.32	7.98	13:39:41	0.62	120.1
ESC-INE3	814587.3	822628.4	Mid Ebb	8.1	29.23	24.25	10.3	81.6	5.46	7.97	13:48:05	1.72	89.8
ESC-INE3	814584.5	822627.6	Mid Ebb	8.4	29.31	23.83	9.5	80.0	5.36	7.97	13:48:33	0.48	37.0
ESC-INE3	814584.2	822625.7	Mid Ebb	8.1	29.32	23.33	9.1	79.4	5.34	7.97	13:49:03	0.95	76.1
ESC-INE3	814585.1	822625.7	Mid Ebb	7.9	29.31	22.69	9.5	79.0	5.33	7.97	13:49:29	0.65	79.5
ESC-INE3	814583.3	822625.6	Mid Ebb	7.4	29.37	22.53	8.7	79.6	5.37	7.97	13:49:55	0.74	48.5
ESC-INE3	814584.0	822625.9	Mid Ebb	8.4	29.29	23.58	9.4	78.7	5.29	7.97	13:50:21	0.65	103.9
ESC-INE3	814584.9	822626.9	Mid Ebb	7.7	29.28	23.55	10.0	78.3	5.26	7.97	13:50:45	0.78	85.8
ESC-INE3	814586.3	822627.8	Mid Ebb	8.1	29.24	23.93	11.2	77.4	5.19	7.96	13:51:14	0.72	72.1
MW1	823607.5	823653.2	Mid Ebb	10.5	29.71	22.63	4.3	94.3	6.33	8.06	14:34:14	0.53	82.3
MW1	823608.3	823650.0	Mid Ebb	10.5	29.67	22.64	4.5	93.7	6.29	8.05	14:34:38	0.49	48.2
MW1	823605.1	823654.6	Mid Ebb	10.6	29.65	22.78	4.6	92.3	6.19	8.05	14:35:07	0.84	246.3
MW1	823604.7	823658.3	Mid Ebb	10.7	29.64	22.86	4.1	91.9	6.17	8.05	14:35:30	0.31	252.8
MW1	823606.2	823661.7	Mid Ebb	10.7	29.66	22.77	3.7	91.7	6.15	8.05	14:35:59	0.48	78.6
MW1	823606.0	823662.1	Mid Ebb	10.6	29.66	22.74	3.9	92.0	6.17	8.05	14:36:21	0.45	288.0
MW1	823606.0	823653.3	Mid Ebb	10.4	29.62	22.92	4.5	92.4	6.20	8.05	14:36:49	1.03	66.2
MW1	823609.0	823649.6	Mid Ebb	10.3	29.63	22.72	4.5	92.4	6.21	8.05	14:37:15	0.63	181.9