

ROUTINE WATER QUALITY MONITORING for ESC CMP Vd													
Date: 12 Apr 2017													
Pos. No.	Easting	Northing	Tide	Depth (m)	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
ESC-RFE5	809392.9	823988.8	Mid Ebb	8.2	22.08	26.36	5.6	94.8	7.10	7.82	12:35:07	0.54	119.6
ESC-RFE5	809387.6	823990.9	Mid Ebb	8.7	22.07	26.46	11.4	88.7	6.64	7.86	12:35:29	0.46	301.3
ESC-RFE5	809383.7	823991.7	Mid Ebb	8.8	22.07	26.46	11.5	87.5	6.55	7.89	12:35:51	0.23	279.1
ESC-RFE5	809382.8	823992.9	Mid Ebb	8.5	22.07	26.47	11.2	86.1	6.45	7.91	12:36:20	0.30	226.7
ESC-RFE5	809382.8	823993.5	Mid Ebb	8.6	22.07	26.47	11.0	85.2	6.38	7.93	12:36:42	0.82	141.6
ESC-RFE5	809384.9	823994.6	Mid Ebb	8.8	22.06	26.50	10.1	84.2	6.31	7.93	12:37:05	0.11	1.6
ESC-RFE5	809389.0	823990.0	Mid Ebb	8.8	22.06	26.53	10.2	82.7	6.19	7.94	12:37:37	0.27	96.7
ESC-RFE5	809393.4	823987.7	Mid Ebb	8.8	22.05	26.56	10.4	81.6	6.11	7.95	12:38:07	0.75	81.1
ESC-RFE4	809180.0	823697.6	Mid Ebb	6.2	22.17	25.27	6.2	70.9	5.34	7.95	12:43:49	0.98	155.3
ESC-RFE4	809181.1	823696.6	Mid Ebb	5.7	22.16	25.41	6.8	70.9	5.33	7.96	12:44:17	0.70	47.7
ESC-RFE4	809190.0	823701.0	Mid Ebb	6.0	22.17	25.22	7.1	70.3	5.29	7.97	12:44:50	0.76	80.7
ESC-RFE4	809187.7	823712.4	Mid Ebb	5.6	22.25	24.53	5.7	92.7	6.99	7.82	12:48:17	0.35	122.1
ESC-RFE4	809185.8	823709.9	Mid Ebb	6.3	22.21	24.96	5.9	93.0	7.00	7.84	12:48:42	0.76	74.3
ESC-RFE4	809182.3	823707.8	Mid Ebb	5.8	22.22	24.82	6.2	93.2	7.02	7.86	12:49:12	0.76	149.7
ESC-RFE4	809177.2	823705.4	Mid Ebb	5.6	22.23	24.79	5.9	93.1	7.02	7.86	12:49:37	0.86	146.1
ESC-RFE4	809172.0	823702.6	Mid Ebb	6.2	22.21	24.88	5.9	93.3	7.03	7.87	12:50:07	0.82	172.0
ESC-RFE3	808953.6	823392.0	Mid Ebb	5.5	22.16	25.25	7.4	94.2	7.09	7.89	12:54:28	0.84	129.2
ESC-RFE3	808951.5	823385.5	Mid Ebb	5.2	22.21	24.84	6.7	93.7	7.07	7.89	12:54:57	0.55	88.7
ESC-RFE3	808951.0	823379.4	Mid Ebb	5.7	22.17	25.26	7.2	93.6	7.05	7.90	12:55:21	0.42	21.7
ESC-RFE3	808955.6	823378.5	Mid Ebb	5.6	22.14	25.57	8.3	93.9	7.06	7.91	12:55:48	0.41	26.6
ESC-RFE3	808962.0	823380.4	Mid Ebb	5.6	22.17	25.26	7.5	93.7	7.05	7.92	12:56:16	0.38	149.1
ESC-RFE3	808968.3	823379.4	Mid Ebb	5.6	22.17	25.23	7.5	93.7	7.05	7.92	12:56:43	0.59	76.9
ESC-RFE3	808963.4	823373.4	Mid Ebb	5.6	22.19	25.06	6.8	93.5	7.04	7.92	12:57:32	0.83	122.4
ESC-RFE3	808961.3	823366.7	Mid Ebb	5.6	22.18	25.12	6.8	93.6	7.05	7.93	12:57:58	0.62	126.0
ESC-RFE2	808728.0	823061.5	Mid Ebb	5.2	22.15	25.65	8.0	94.1	7.07	7.93	13:02:41	0.64	267.5
ESC-RFE2	808730.7	823059.0	Mid Ebb	5.2	22.12	25.90	10.0	94.2	7.07	7.94	13:03:11	0.44	96.7
ESC-RFE2	808736.0	823059.2	Mid Ebb	5.0	22.11	26.00	10.4	94.2	7.07	7.95	13:03:35	0.76	117.6
ESC-RFE2	808740.7	823059.2	Mid Ebb	5.1	22.15	25.68	10.3	94.0	7.06	7.95	13:03:59	0.22	168.5
ESC-RFE2	808743.8	823058.5	Mid Ebb	5.0	22.15	25.66	9.6	93.8	7.05	7.96	13:04:23	0.44	105.1
ESC-RFE2	808743.1	823055.2	Mid Ebb	5.1	22.14	25.79	9.7	93.7	7.04	7.96	13:04:48	0.28	143.6
ESC-RFE2	808742.0	823050.9	Mid Ebb	5.0	22.14	25.76	9.7	93.6	7.03	7.95	13:05:10	1.33	195.8
ESC-RFE2	808741.7	823048.2	Mid Ebb	5.1	22.14	25.76	10.6	93.6	7.03	7.97	13:05:33	0.85	175.7
ESC-RFE1	808520.3	822753.4	Mid Ebb	4.8	22.15	25.69	7.8	94.2	7.07	7.95	13:09:51	1.05	134.1
ESC-RFE1	808523.1	822757.3	Mid Ebb	4.6	22.18	25.23	7.6	93.5	7.03	7.96	13:10:32	1.03	58.5
ESC-RFE1	808526.6	822755.8	Mid Ebb	4.7	22.18	25.38	7.8	93.3	7.01	7.97	13:10:57	0.59	163.4
ESC-RFE1	808528.9	822753.9	Mid Ebb	4.6	22.16	25.59	8.3	93.5	7.02	7.97	13:11:19	0.45	147.8
ESC-RFE1	808531.1	822754.2	Mid Ebb	4.7	22.16	25.52	8.3	93.5	7.02	7.98	13:11:43	0.59	186.0
ESC-RFE1	808533.8	822751.4	Mid Ebb	4.6	22.15	25.62	8.1	93.4	7.01	7.98	13:12:08	0.33	161.7
ESC-RFE1	808533.8	822752.4	Mid Ebb	4.5	22.17	25.37	7.7	93.3	7.01	7.98	13:12:29	0.57	159.3
ESC-RFE1	808534.3	822749.7	Mid Ebb	4.6	22.16	25.57	7.9	93.3	7.01	7.98	13:12:54	0.69	173.7
ESC-IPE2A	810938.3	822252.3	Mid Ebb	4.4	22.18	25.01	14.2	94.7	7.14	7.97	13:27:00	0.13	120.7
ESC-IPE2A	810944.9	822251.0	Mid Ebb	4.1	22.18	24.84	17.1	94.2	7.11	7.98	13:27:44	0.83	106.9
ESC-IPE2A	810941.3	822255.5	Mid Ebb	4.7	22.17	25.13	19.4	94.0	7.08	7.99	13:28:07	0.15	47.4
ESC-IPE2A	810939.8	822250.1	Mid Ebb	4.6	22.17	25.12	23.0	94.0	7.08	8.00	13:28:35	0.84	145.9
ESC-IPE2A	810936.7	822250.3	Mid Ebb	4.8	22.17	25.13	25.0	93.9	7.07	8.00	13:28:56	0.41	133.1
ESC-IPE2A	810949.4	822251.7	Mid Ebb	4.7	22.16	25.32	26.3	93.8	7.06	8.00	13:30:25	0.69	77.5
ESC-IPE2A	810952.2	822249.5	Mid Ebb	4.4	22.17	25.07	19.1	93.7	7.06	8.00	13:31:18	0.70	119.4
ESC-IPE2A	810949.3	822251.7	Mid Ebb	4.8	22.18	25.13	13.5	93.5	7.04	8.00	13:31:44	1.02	120.0
ESC-IPE3	811762.9	821929.3	Mid Ebb	4.8	22.14	25.76	7.8	94.5	7.09	8.00	13:39:21	0.52	333.7
ESC-IPE3	811762.6	821931.0	Mid Ebb	4.8	22.15	25.75	8.0	94.5	7.09	8.01	13:39:47	0.52	333.7
ESC-IPE3	811768.2	821933.3	Mid Ebb	4.3	22.17	25.30	7.7	94.5	7.11	8.01	13:40:28	0.97	123.7
ESC-IPE3	811768.6	821936.2	Mid Ebb	4.5	22.16	25.49	7.5	94.3	7.09	8.01	13:40:53	0.24	112.3
ESC-IPE3	811769.4	821936.7	Mid Ebb	4.4	22.17	25.24	7.7	94.4	7.10	8.01	13:41:14	0.82	85.1
ESC-IPE3	811770.5	821933.4	Mid Ebb	4.7	22.15	25.66	7.9	94.4	7.09	8.02	13:41:36	0.66	98.7
ESC-IPE3	811773.2	821929.5	Mid Ebb	4.3	22.15	25.54	8.8	94.5	7.10	8.02	13:41:57	1.04	105.8
ESC-IPE3	811775.0	821927.1	Mid Ebb	4.7	22.14	25.81	9.9	94.3	7.08	8.03	13:42:20	0.62	126.4
ESC-IPE1A	811797.3	822293.5	Mid Ebb	4.5	22.18	25.04	9.3	94.5	7.12	7.98	13:46:40	1.32	111.0
ESC-IPE1A	811799.3	822293.1	Mid Ebb	4.6	22.16	25.36	14.5	94.0	7.07	7.99	13:47:02	1.82	116.4
ESC-IPE1A	811807.9	822297.8	Mid Ebb	4.5	22.18	25.07	13.2	93.7	7.06	7.99	13:47:43	1.16	105.0
ESC-IPE1A	811814.7	822297.6	Mid Ebb	4.3	22.20	24.75	10.3	93.5	7.05	7.99	13:48:14	0.72	128.5
ESC-IPE1A	811819.4	822297.0	Mid Ebb	4.6	22.20	24.73	9.3	93.3	7.04	7.99	13:48:37	0.68	143.3
ESC-IPE1A	811824.7	822295.5	Mid Ebb	4.5	22.20	24.70	8.7	93.3	7.04	7.99	13:48:59	0.76	85.9
ESC-IPE1A	811832.9	822290.0	Mid Ebb	4.3	22.21	24.60	9.3	93.2	7.04	8.00	13:49:39	1.00	116.3
ESC-IPE1A	811837.5	822289.0	Mid Ebb	4.7	22.23	24.46	7.1	93.0	7.02	8.00	13:50:02	0.92	75.8
ESC-IPE4	812425.1	821726.5	Mid Ebb	4.6	22.17	25.15	7.2	95.0	7.16	7.99	13:56:56	1.02	111.8
ESC-IPE4	812431.7	821722.0	Mid Ebb	4.6	22.13	25.89	15.6	94.1	7.06	8.02	13:57:20	1.02	111.8
ESC-IPE4	812435.6	821720.1	Mid Ebb	4.4	22.15	25.55	13.6	93.8	7.05	8.02	13:57:51	0.37	76.1
ESC-IPE4	812431.5	821716.2	Mid Ebb	4.9	22.11	26.11	17.9	93.5	7.01	8.03	13:58:30	0.68	102.7
ESC-IPE4	812434.5	821712.0	Mid Ebb	4.3	22.12	25.97	20.2	93.3	7.00	8.04	13:59:03	0.21	74.5
ESC-IPE4	812436.2	821718.9	Mid Ebb	4.7	22.12	25.95	18.2	93.3	7.00	8.04	14:00:25	0.37	105.8
ESC-IPE4	812440.8	821719.2	Mid Ebb	4.3	22.13	25.79	18.2	93.3	7.00	8.04	14:00:54	0.83	105.6
ESC-IPE4	812441.6	821721.8	Mid Ebb	4.6	22.12	26.04	18.7	93.3	7.00	8.05	14:01:18	0.44	89.1
ESC-IPE5	812897.4	822046.2	Mid Ebb	4.7	22.21	24.80	6.5	94.2	7.11	7.97	14:06:40	1.18	106.7
ESC-IPE5	812902.1	822045.2	Mid Ebb	4.6	22.20	24.96	7.5	93.7	7.06	7.98	14:07:02	0.73	93.4
ESC-IPE5	812903.4	822048.3	Mid Ebb	4.5	22.21	24.77	6.9	93.4	7.05	7.99	14:07:23	0.99	101.6
ESC-IPE5	812907.6	822052.1	Mid Ebb	4.4	22.20	24.86	7.2	93.4	7.04	7.99	14:07:45	1.38	118.7
ESC-IPE5	812910.3	822057.1	Mid Ebb	4.6	22.21	24.78	7.2	93.3	7.04	8.00	14:08:07	0.65	88.3
ESC-IPE5	812917.0	822061.6	Mid Ebb	4.5	22.20	24.90	7.9	93.1	7.02	8.00	14:08:30	0.68	151.6
ESC-IPE5	812918.3	822066.7	Mid Ebb	4.5	22.21	24.66	6.9	93.1	7.03	8.00	14:08:54	0.68	151.6
ESC-IPE5	812922.8	822067.1	Mid Ebb	4.6	22.21	24.73	7.6	93.1	7.02	8.00	14:09:18	0.67	86.0
ESC-INE1A	814051.8	822440.1	Mid Ebb	7.0	22.09	26.16	10.0	93.1	6.98	8.00	14:16:42	0.26	136.9
ESC-INE1A	814055.3	822439.9	Mid Ebb	6.9	22.10	26.14	10.8	92.8	6.96	8.00	14:17:06	0.69	78.9
ESC-INE1A	814058.2	822439.8	Mid Ebb	7.0	22.09	26.19	11.4	92.6	6.95	8.01	14:17:30	0.47	61.2
ESC-INE1A	814063.7	822438.8	Mid Ebb	7.0	22.09	26.21	12.0	92.3	6.92	8.01	14:17:59	0.74	82.6
ESC-INE1A	814069.7	822438.2	Mid Ebb	7.2	22.09	26.23	12.9	92.1	6.91	8.01	14:18:23		

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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-INE1A	814081.2	822437.4	Mid Ebb	7.0	22.09	26.17	12.7	92.1	6.91	8.02	14:19:06	0.28	98.0
ESC-INE1A	814091.1	822435.5	Mid Ebb	7.1	22.09	26.18	13.0	92.1	6.91	8.02	14:19:36	0.43	72.8
ESC-INE2A	813974.3	821808.5	Mid Ebb	3.6	22.19	25.10	9.5	94.1	7.08	7.99	14:24:59	0.70	90.7
ESC-INE2A	813978.3	821810.9	Mid Ebb	3.7	22.21	24.81	8.4	93.6	7.05	8.00	14:25:22	0.96	75.4
ESC-INE2A	813985.1	821808.3	Mid Ebb	3.4	22.21	24.81	7.8	93.2	7.02	8.01	14:25:48	1.15	71.8
ESC-INE2A	813993.5	821802.7	Mid Ebb	3.5	22.22	24.59	7.4	93.1	7.02	8.01	14:26:18	1.29	151.2
ESC-INE2A	814001.0	821797.9	Mid Ebb	3.7	22.19	25.16	9.2	92.9	6.99	8.02	14:26:40	0.52	50.0
ESC-INE2A	814009.2	821793.3	Mid Ebb	3.4	22.21	24.78	9.0	92.9	7.00	8.01	14:27:07	1.18	82.1
ESC-INE2A	814015.7	821788.3	Mid Ebb	3.5	22.22	24.57	7.3	92.9	7.02	8.01	14:27:29	0.93	63.9
ESC-INE2A	814029.0	821783.1	Mid Ebb	3.6	22.19	25.09	8.7	92.8	6.99	8.02	14:28:00	0.61	117.7
ESC-INE5A	814266.2	821211.8	Mid Ebb	3.5	22.18	25.09	5.3	95.5	7.20	8.01	14:34:54	0.76	104.9
ESC-INE5A	814266.4	821211.5	Mid Ebb	3.4	22.18	25.31	7.0	93.9	7.06	8.01	14:35:17	0.76	104.9
ESC-INE5A	814268.4	821212.4	Mid Ebb	3.6	22.16	25.67	7.4	93.0	6.98	8.02	14:35:40	1.01	133.6
ESC-INE5A	814269.2	821216.5	Mid Ebb	3.7	22.16	25.61	7.7	92.9	6.98	8.03	14:36:01	0.87	139.0
ESC-INE5A	814271.8	821217.5	Mid Ebb	3.5	22.16	25.56	7.3	92.8	6.97	8.03	14:36:22	1.02	105.8
ESC-INE5A	814272.5	821223.1	Mid Ebb	3.7	22.17	25.38	7.0	93.1	7.00	8.03	14:36:44	0.83	131.7
ESC-INE5A	814273.8	821222.7	Mid Ebb	3.6	22.16	25.54	7.1	92.9	6.98	8.03	14:37:06	0.56	92.9
ESC-INE5A	814275.9	821219.5	Mid Ebb	3.5	22.16	25.57	7.1	92.7	6.96	8.04	14:37:28	1.19	94.0
ESC-INE4A	814555.7	822122.3	Mid Ebb	6.3	22.17	25.37	15.6	92.9	6.99	8.00	14:45:59	0.69	110.3
ESC-INE4A	814556.5	822126.2	Mid Ebb	5.9	22.17	25.27	14.8	92.6	6.97	8.01	14:46:21	0.48	125.9
ESC-INE4A	814558.2	822131.4	Mid Ebb	5.9	22.17	25.27	14.5	92.5	6.96	8.01	14:46:45	0.35	114.6
ESC-INE4A	814558.3	822132.9	Mid Ebb	6.3	22.17	25.32	15.8	92.3	6.94	8.02	14:47:07	0.78	73.6
ESC-INE4A	814564.5	822130.7	Mid Ebb	6.1	22.17	25.29	15.0	92.4	6.95	8.02	14:47:36	0.66	121.2
ESC-INE4A	814567.9	822129.9	Mid Ebb	6.0	22.17	25.29	14.3	92.4	6.95	8.03	14:47:58	0.33	74.0
ESC-INE4A	814574.5	822129.6	Mid Ebb	6.1	22.17	25.32	14.5	92.2	6.93	8.03	14:48:20	1.09	88.4
ESC-INE4A	814586.9	822127.7	Mid Ebb	5.9	22.17	25.32	14.2	92.2	6.93	8.03	14:49:00	0.84	84.9
ESC-INE3A	814588.5	822611.1	Mid Ebb	7.8	22.12	25.77	10.8	92.6	6.95	7.99	14:54:38	0.99	106.7
ESC-INE3A	814589.8	822611.0	Mid Ebb	8.2	22.12	25.82	11.6	92.3	6.93	8.00	14:54:59	0.58	33.2
ESC-INE3A	814594.1	822612.0	Mid Ebb	8.2	22.12	25.83	11.9	92.1	6.91	8.01	14:55:25	0.60	99.8
ESC-INE3A	814601.1	822613.9	Mid Ebb	8.0	22.13	25.76	10.7	92.2	6.92	8.01	14:56:01	0.62	79.9
ESC-INE3A	814608.9	822616.0	Mid Ebb	7.9	22.13	25.77	11.1	92.0	6.91	8.02	14:56:26	0.69	100.4
ESC-INE3A	814615.0	822617.6	Mid Ebb	8.1	22.13	25.77	11.5	92.0	6.91	8.02	14:56:49	0.35	66.6
ESC-INE3A	814627.1	822611.0	Mid Ebb	8.0	22.13	25.77	11.7	91.9	6.90	8.02	14:57:17	0.64	8.4
ESC-INE3A	814633.0	822605.2	Mid Ebb	7.7	22.13	25.76	11.5	91.9	6.90	8.02	14:57:39	1.01	46.3
MW1	823601.4	823642.1	Mid Ebb	10.5	22.01	26.73	4.8	91.7	6.87	8.03	15:33:01	0.24	43.8
MW1	823609.8	823646.0	Mid Ebb	10.5	22.01	26.73	4.4	91.4	6.84	8.03	15:33:31	0.20	95.4
MW1	823613.5	823644.2	Mid Ebb	10.5	22.01	26.74	4.6	91.2	6.83	8.03	15:33:54	0.24	311.3
MW1	823620.5	823640.7	Mid Ebb	10.4	22.02	26.67	4.4	91.1	6.82	8.04	15:34:16	0.30	10.8
MW1	823627.0	823641.1	Mid Ebb	10.5	22.02	26.66	4.2	91.1	6.82	8.04	15:34:39	0.45	351.8
MW1	823631.4	823640.7	Mid Ebb	10.5	22.01	26.73	4.1	91.0	6.81	8.02	15:35:00	0.36	274.2
MW1	823638.9	823640.0	Mid Ebb	10.5	22.01	26.70	5.0	90.9	6.81	8.03	15:35:23	0.33	24.6
MW1	823643.2	823639.2	Mid Ebb	10.4	22.02	26.68	5.4	90.9	6.81	8.04	15:35:46	0.33	24.6