

ROUTINE WATER QUALITY MONITORING for ESC CMP Vd													
Date: 11 April 2018													
Pos. No.	Easting	Northing	Tide	Depth (m)	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
MW1	823605.9	823641.7	Mid Ebb	10.6	22.33	36.91	2.1	88.9	6.23	7.55	09:01:55	0.18	282.3
MW1	823597.0	823636.3	Mid Ebb	10.4	22.33	36.92	2.2	88.7	6.22	7.64	09:02:23	0.29	295.9
MW1	823590.2	823635.8	Mid Ebb	10.5	22.34	36.88	2.0	88.7	6.22	7.83	09:03:34	0.45	6.0
MW1	823587.8	823638.4	Mid Ebb	10.5	22.36	36.79	1.9	88.7	6.22	7.87	09:04:00	0.09	120.8
MW1	823586.1	823643.1	Mid Ebb	10.5	22.36	36.82	2.0	88.6	6.21	7.90	09:04:35	0.79	235.3
MW1	823586.9	823650.5	Mid Ebb	10.5	22.37	36.78	1.7	88.5	6.21	7.91	09:05:00	0.79	235.3
MW1	823589.3	823659.1	Mid Ebb	10.4	22.37	36.77	1.7	88.6	6.21	7.92	09:05:25	0.34	329.4
MW1	823596.7	823669.5	Mid Ebb	10.5	22.35	36.87	1.7	88.7	6.22	7.94	09:06:14	0.70	28.8
ESC-INE3	814575.8	822641.6	Mid Ebb	7.9	22.47	35.97	1.7	90.8	6.39	7.85	09:49:20	0.46	184.5
ESC-INE3	814576.7	822644.9	Mid Ebb	8.1	22.47	35.92	2.0	90.4	6.36	7.89	09:49:47	0.25	24.2
ESC-INE3	814574.7	822643.4	Mid Ebb	8.1	22.51	35.49	1.8	90.9	6.41	7.91	09:50:14	0.24	253.1
ESC-INE3	814574.1	822641.6	Mid Ebb	8.1	22.51	35.46	1.9	91.0	6.41	7.92	09:50:38	0.36	246.1
ESC-INE3	814573.6	822640.8	Mid Ebb	8.1	22.51	35.51	1.7	90.9	6.41	7.93	09:51:02	0.36	135.7
ESC-INE3	814574.8	822639.0	Mid Ebb	8.2	22.49	35.66	1.7	90.7	6.39	7.94	09:51:33	0.52	0.1
ESC-INE3	814576.7	822638.1	Mid Ebb	8.2	22.48	35.70	1.7	90.6	6.38	7.95	09:51:59	0.52	0.1
ESC-INE3	814578.9	822636.2	Mid Ebb	8.2	22.47	35.83	1.7	90.4	6.36	7.95	09:52:24	0.60	214.4
ESC-INE4	814564.9	822124.9	Mid Ebb	5.8	22.44	35.80	2.1	90.4	6.37	7.95	09:58:10	0.18	104.9
ESC-INE4	814564.4	822121.9	Mid Ebb	5.8	22.53	35.26	2.3	91.1	6.43	7.96	09:58:36	0.74	80.3
ESC-INE4	814566.9	822121.8	Mid Ebb	5.9	22.52	35.30	2.4	91.1	6.43	7.96	09:59:02	0.65	124.8
ESC-INE4	814564.1	822119.6	Mid Ebb	5.9	22.50	35.43	2.3	90.9	6.41	7.96	09:59:30	0.65	124.8
ESC-INE4	814561.0	822117.4	Mid Ebb	5.8	22.51	35.38	2.3	90.8	6.41	7.96	09:59:54	0.67	339.4
ESC-INE4	814560.8	822115.2	Mid Ebb	5.9	22.51	35.33	2.4	90.9	6.42	7.96	10:00:20	0.34	115.9
ESC-INE4	814562.4	822113.5	Mid Ebb	5.9	22.52	35.26	2.5	90.9	6.41	7.96	10:00:44	1.30	201.3
ESC-INE4	814564.6	822112.3	Mid Ebb	5.9	22.51	35.32	2.6	90.8	6.41	7.96	10:01:10	1.16	74.0
ESC-INE5	814271.4	821198.9	Mid Ebb	3.4	22.87	33.67	3.2	97.2	6.88	7.97	10:08:16	0.42	64.9
ESC-INE5	814275.6	821193.2	Mid Ebb	3.4	22.91	33.51	3.1	97.7	6.92	7.97	10:08:39	0.39	152.1
ESC-INE5	814273.9	821185.6	Mid Ebb	3.4	22.70	34.32	3.0	93.6	6.62	7.97	10:09:04	0.46	159.1
ESC-INE5	814270.8	821182.1	Mid Ebb	3.4	22.75	34.11	3.1	93.4	6.61	7.96	10:09:27	0.81	67.9
ESC-INE5	814266.8	821181.7	Mid Ebb	3.4	22.74	34.13	3.1	93.3	6.60	7.97	10:09:52	0.41	154.9
ESC-INE5	814262.3	821183.2	Mid Ebb	3.4	22.71	34.29	3.1	93.6	6.62	7.97	10:10:16	0.61	40.4
ESC-INE5	814259.7	821184.0	Mid Ebb	3.4	22.69	34.35	3.1	92.8	6.57	7.96	10:10:39	0.22	336.0
ESC-INE5	814258.6	821184.2	Mid Ebb	3.5	22.70	34.33	3.1	92.4	6.54	7.96	10:11:03	0.22	336.0
ESC-INE2	813984.7	821807.2	Mid Ebb	3.6	22.50	35.18	3.0	90.2	6.37	7.94	10:17:00	0.11	290.9
ESC-INE2	813989.9	821808.3	Mid Ebb	3.6	22.50	35.19	2.7	89.4	6.31	7.94	10:17:23	0.77	146.6
ESC-INE2	813994.5	821813.0	Mid Ebb	3.5	22.48	35.21	2.9	89.1	6.30	7.94	10:17:48	0.77	146.6
ESC-INE2	813995.0	821821.6	Mid Ebb	3.5	22.50	35.14	3.1	89.2	6.31	7.95	10:18:11	0.48	315.8
ESC-INE2	813990.8	821829.3	Mid Ebb	3.5	22.58	34.91	3.1	90.4	6.39	7.95	10:18:37	0.36	112.0
ESC-INE2	813984.7	821837.3	Mid Ebb	3.4	22.56	34.98	3.1	90.4	6.38	7.95	10:19:03	1.07	215.0
ESC-INE2	813980.9	821841.4	Mid Ebb	3.4	22.55	35.00	3.1	90.2	6.38	7.95	10:19:28	0.70	54.5
ESC-INE2	813979.0	821844.3	Mid Ebb	3.5	22.55	35.00	3.1	90.3	6.38	7.95	10:19:51	0.42	342.9
ESC-INE1	814055.3	822448.6	Mid Ebb	6.8	22.57	35.06	1.6	92.4	6.52	7.95	10:25:56	1.03	195.2
ESC-INE1	814059.2	822446.5	Mid Ebb	6.9	22.54	35.18	1.6	91.5	6.46	7.95	10:26:28	0.15	279.0
ESC-INE1	814057.2	822442.5	Mid Ebb	7.0	22.57	35.02	1.6	91.8	6.48	7.95	10:26:52	0.55	70.2
ESC-INE1	814056.3	822438.0	Mid Ebb	7.0	22.56	35.07	1.7	91.7	6.47	7.95	10:27:16	0.55	70.2
ESC-INE1	814054.7	822433.1	Mid Ebb	7.1	22.57	34.98	2.1	91.8	6.49	7.95	10:27:40	0.19	330.7
ESC-INE1	814049.6	822431.1	Mid Ebb	7.0	22.56	34.99	2.1	91.7	6.48	7.96	10:28:04	0.48	95.1
ESC-INE1	814043.8	822429.8	Mid Ebb	6.9	22.56	34.98	2.1	91.7	6.48	7.96	10:28:28	0.17	250.8
ESC-INE1	814039.1	822429.3	Mid Ebb	7.0	22.56	34.99	2.1	91.6	6.47	7.96	10:28:57	0.69	63.9
ESC-IPE5	812897.5	822048.0	Mid Ebb	4.4	22.94	33.11	2.9	97.7	6.93	7.97	10:37:21	0.44	82.2
ESC-IPE5	812897.9	822046.3	Mid Ebb	4.6	22.94	33.10	2.8	97.0	6.88	7.97	10:37:45	0.58	170.9
ESC-IPE5	812897.7	822045.8	Mid Ebb	4.6	22.94	33.30	2.7	97.0	6.87	7.97	10:38:09	0.83	169.2
ESC-IPE5	812898.4	822045.6	Mid Ebb	4.6	22.92	33.36	2.8	96.9	6.86	7.98	10:38:34	0.83	169.2
ESC-IPE5	812899.5	822044.3	Mid Ebb	4.6	22.92	33.37	2.8	96.8	6.86	7.98	10:38:57	0.83	169.2
ESC-IPE5	812899.3	822043.0	Mid Ebb	4.6	22.92	33.34	2.8	96.7	6.85	7.98	10:39:21	1.26	96.6
ESC-IPE5	812901.2	822042.5	Mid Ebb	4.6	22.92	33.36	2.7	96.7	6.85	7.97	10:39:45	1.26	96.6
ESC-IPE5	812902.7	822043.9	Mid Ebb	4.6	22.91	33.41	2.8	96.6	6.85	7.97	10:40:09	1.26	96.6
ESC-IPE4	812431.7	821725.2	Mid Ebb	4.5	22.80	33.76	3.7	93.8	6.64	7.96	10:46:26	0.71	54.8
ESC-IPE4	812439.0	821725.9	Mid Ebb	4.7	22.79	33.84	3.4	92.6	6.56	7.96	10:46:49	0.42	175.2
ESC-IPE4	812446.0	821724.9	Mid Ebb	4.7	22.79	33.84	3.4	92.5	6.55	7.96	10:47:14	0.45	165.3
ESC-IPE4	812449.2	821726.3	Mid Ebb	4.7	22.76	34.08	3.0	92.5	6.55	7.95	10:47:37	0.32	45.3
ESC-IPE4	812448.8	821726.2	Mid Ebb	4.6	22.79	33.80	3.3	92.5	6.55	7.95	10:48:01	0.97	178.2
ESC-IPE4	812447.1	821725.1	Mid Ebb	4.4	22.92	32.85	3.6	94.0	6.68	7.95	10:48:26	0.76	252.2
ESC-IPE4	812444.0	821723.9	Mid Ebb	4.3	22.93	32.81	3.7	94.7	6.73	7.95	10:48:53	0.22	326.7
ESC-IPE4	812443.9	821721.3	Mid Ebb	4.5	22.85	33.24	3.8	93.3	6.62	7.95	10:49:16	1.01	81.0
ESC-IPE3	811760.0	821938.1	Mid Ebb	4.0	23.03	31.53	3.9	99.0	7.08	7.98	10:56:32	0.39	140.6
ESC-IPE3	811760.3	821936.1	Mid Ebb	4.0	23.00	31.81	4.2	98.1	7.00	7.97	10:56:55	0.39	140.6
ESC-IPE3	811761.7	821932.9	Mid Ebb	4.0	22.97	32.08	4.3	96.8	6.91	7.97	10:57:19	0.69	149.4
ESC-IPE3	811762.6	821928.0	Mid Ebb	4.0	23.04	31.55	4.0	97.4	6.96	7.97	10:57:44	0.36	178.9
ESC-IPE3	811760.4	821924.3	Mid Ebb	3.9	23.01	31.80	4.0	97.6	6.97	7.97	10:58:07	0.60	82.3
ESC-IPE3	811760.0	821923.0	Mid Ebb	3.9	23.01	31.76	3.9	97.5	6.96	7.97	10:58:33	0.73	61.2
ESC-IPE3	811760.4	821921.6	Mid Ebb	4.0	22.98	32.03	4.2	96.8	6.91	7.96	10:58:56	0.85	70.1
ESC-IPE3	811762.2	821920.0	Mid Ebb	4.0	23.00	31.89	4.1	97.1	6.93	7.97	10:59:19	0.54	109.5
ESC-IPE1	811789.6	822305.5	Mid Ebb	4.3	23.06	31.48	4.0	101.8	7.27	8.00	11:04:56	0.28	28.4
ESC-IPE1	811791.5	822305.1	Mid Ebb	4.6	23.05	31.72	3.8	98.2	7.01	7.98	11:05:19	0.27	95.0
ESC-IPE1	811793.6	822308.0	Mid Ebb	4.5	23.05	31.64	4.1	99.3	7.09	7.98	11:05:47	0.84	99.5
ESC-IPE1	811794.7	822309.1	Mid Ebb	4.3	23.06	31.57	4.0	100.8	7.20	7.99	11:06:11	0.34	57.2
ESC-IPE1	811795.0	822312.3	Mid Ebb	4.5	23.05	31.72	3.9	98.3	7.02	7.98	11:06:38	0.55	137.5
ESC-IPE1	811796.6	822316.5	Mid Ebb	4.5	23.04	31.78	3.9	98.0	6.99	7.98	11:07:03	0.28	157.2
ESC-IPE1	811799.8	822316.6	Mid Ebb	4.6	22.98	32.31	3.6	96.3	6.85	7.97	11:07:26	0.25	63.4
ESC-IPE1	811804.9	822319.5	Mid Ebb	4.7	23.01	32.06	3.7	96.3	6.86	7.96	11:07:49	0.27	173.5
ESC-IPE2	810939.4	822226.6	Mid Ebb	4.4	23.02	31.25	4.5	101.6	7.28	7.98	11:20:36	1.15	131.4
ESC-IPE2	810939.8	822227.1	Mid Ebb	4.3	22.99	31.78	5.3	100.1	7.15	7.97	11:21:01	1.15	131.4
ESC-IPE2	810939.8	822229.9	Mid Ebb	4.5	22.99	31.79	5.4	99.4	7.10	7.97	11:21:25	0.37	115.7
ESC-IPE2	810941.1	822231.5	Mid Ebb	4.7	22.99	31.76	5.3	99.3	7.09	7.97	11:21:49	0.43	110.7
ESC-IPE2	810940.8	822232.9	Mid Ebb	4.6	23.00	31.58	5.3	99.9	7.14	7.97	11:22:13	0.60	109.8
ESC-IPE2	810942.2	822232.4	Mid Ebb										

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ESC-IPE2	810943.9	822233.6	Mid Ebb	4.3	23.01	31.47	5.1	100.2	7.17	7.97	11:23:01	0.40	36.3
ESC-IPE2	810943.4	822234.3	Mid Ebb	4.3	23.01	31.49	5.3	100.2	7.16	7.97	11:23:25	0.34	118.0
ESC-RFE1	808531.7	822763.3	Mid Ebb	3.9	23.32	29.37	4.7	99.8	7.18	7.93	11:38:19	0.14	357.1
ESC-RFE1	808538.7	822766.1	Mid Ebb	3.9	23.05	30.93	4.3	98.5	7.06	7.94	11:38:43	1.50	87.0
ESC-RFE1	808543.3	822764.1	Mid Ebb	3.9	22.96	31.72	4.4	99.2	7.09	7.96	11:39:05	0.94	104.9
ESC-RFE1	808547.5	822763.1	Mid Ebb	3.9	22.88	32.11	4.9	97.1	6.94	7.95	11:39:29	0.80	140.0
ESC-RFE1	808549.2	822763.9	Mid Ebb	3.9	22.86	32.20	4.8	96.2	6.87	7.95	11:39:53	0.50	112.3
ESC-RFE1	808547.4	822765.2	Mid Ebb	3.8	22.88	32.21	4.5	97.1	6.93	7.95	11:40:16	0.39	194.0
ESC-RFE1	808545.5	822764.7	Mid Ebb	3.8	22.88	32.22	4.4	97.9	6.99	7.96	11:40:39	0.50	112.3
ESC-RFE1	808541.7	822765.0	Mid Ebb	3.8	22.90	32.10	4.4	98.2	7.01	7.96	11:41:04	0.66	134.0
ESC-RFE2	808735.6	823065.2	Mid Ebb	4.5	22.94	32.05	4.5	99.6	7.11	7.95	11:46:14	0.03	151.8
ESC-RFE2	808734.4	823064.5	Mid Ebb	4.5	22.93	32.04	4.6	98.5	7.03	7.96	11:46:39	0.03	151.8
ESC-RFE2	808733.0	823065.0	Mid Ebb	4.5	22.92	32.06	4.7	97.8	6.98	7.95	11:47:02	0.53	109.4
ESC-RFE2	808733.8	823065.0	Mid Ebb	4.6	22.92	32.06	4.6	98.0	7.00	7.96	11:47:25	0.08	273.6
ESC-RFE2	808735.6	823065.0	Mid Ebb	4.6	22.92	32.06	4.7	97.7	6.97	7.96	11:47:49	0.32	162.1
ESC-RFE2	808737.5	823065.1	Mid Ebb	4.6	22.92	32.05	4.7	97.9	6.99	7.96	11:48:13	0.58	141.5
ESC-RFE2	808738.5	823065.8	Mid Ebb	4.6	22.93	32.05	4.4	98.5	7.03	7.95	11:48:37	0.58	141.5
ESC-RFE2	808739.3	823064.9	Mid Ebb	4.6	22.93	32.05	4.4	99.0	7.06	7.95	11:49:02	0.65	161.2
ESC-RFE3	808960.1	823397.5	Mid Ebb	5.1	22.90	31.91	4.8	95.8	6.85	7.92	11:54:11	0.43	57.2
ESC-RFE3	808964.1	823394.5	Mid Ebb	5.4	22.91	31.95	4.5	95.3	6.81	7.92	11:54:36	0.47	171.7
ESC-RFE3	808968.5	823391.3	Mid Ebb	5.2	22.91	31.92	4.4	95.0	6.79	7.92	11:55:00	0.82	184.0
ESC-RFE3	808973.0	823388.0	Mid Ebb	4.9	22.90	31.91	4.5	94.8	6.77	7.91	11:55:23	0.25	216.6
ESC-RFE3	808978.1	823387.2	Mid Ebb	4.9	22.91	32.00	4.3	94.7	6.76	7.91	11:55:47	0.59	145.7
ESC-RFE3	808979.9	823389.4	Mid Ebb	4.8	22.92	32.13	4.3	94.9	6.77	7.92	11:56:11	0.88	138.7
ESC-RFE3	808979.2	823391.1	Mid Ebb	4.9	22.90	31.92	4.6	94.6	6.76	7.92	11:56:36	0.60	162.5
ESC-RFE3	808979.7	823391.8	Mid Ebb	5.0	22.90	31.89	4.7	94.6	6.76	7.91	11:57:00	0.27	190.1
ESC-RFE4	809177.3	823724.4	Mid Ebb	5.6	22.81	33.51	2.4	94.2	6.68	7.92	12:02:04	0.68	124.7
ESC-RFE4	809179.9	823724.5	Mid Ebb	5.9	22.80	33.59	2.3	92.7	6.57	7.92	12:02:28	0.59	195.7
ESC-RFE4	809182.2	823726.5	Mid Ebb	5.7	22.98	32.49	3.2	94.3	6.71	7.92	12:02:54	0.20	208.2
ESC-RFE4	809184.5	823725.6	Mid Ebb	5.3	22.97	31.87	3.6	95.0	6.78	7.92	12:03:17	1.09	145.5
ESC-RFE4	809187.2	823723.3	Mid Ebb	5.5	22.94	32.71	2.7	94.6	6.73	7.92	12:03:39	0.44	159.2
ESC-RFE4	809190.9	823720.7	Mid Ebb	5.7	22.93	32.78	2.7	94.7	6.73	7.92	12:04:04	0.46	213.1
ESC-RFE4	809193.4	823719.5	Mid Ebb	5.7	22.91	32.88	2.7	94.2	6.69	7.92	12:04:26	0.34	141.4
ESC-RFE4	809197.0	823716.7	Mid Ebb	5.7	22.90	32.97	2.7	94.3	6.70	7.92	12:04:49	0.34	141.4
ESC-RFE5	809434.7	824014.3	Mid Ebb	8.0	22.67	34.24	2.3	90.8	6.43	7.91	12:10:03	0.43	230.2
ESC-RFE5	809437.1	824015.1	Mid Ebb	8.0	22.57	34.60	2.4	89.3	6.32	7.91	12:10:28	0.07	169.6
ESC-RFE5	809437.2	824014.4	Mid Ebb	8.0	22.55	34.71	2.2	88.5	6.27	7.91	12:10:51	1.08	221.3
ESC-RFE5	809438.0	824010.9	Mid Ebb	8.0	22.55	34.71	2.3	88.6	6.27	7.91	12:11:17	0.06	180.9
ESC-RFE5	809438.4	824006.4	Mid Ebb	8.0	22.60	34.44	2.3	88.8	6.29	7.91	12:11:42	0.06	180.9
ESC-RFE5	809435.5	824006.9	Mid Ebb	7.9	22.66	34.24	2.3	89.8	6.36	7.91	12:12:05	0.06	180.9
ESC-RFE5	809432.8	824002.7	Mid Ebb	7.9	22.67	34.22	2.3	90.0	6.38	7.91	12:12:30	0.37	88.0
ESC-RFE5	809427.7	823996.9	Mid Ebb	7.9	22.65	34.24	2.3	89.5	6.34	7.91	12:13:11	0.54	291.2