

ROUTINE WATER QUALITY MONITORING for ESC CMP Vd													
Date: 1 November 2016													
Pos. No.	Easting	Northing	Tide	Depth (m)	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
ESC-RFE5	809431.8	824016.2	Mid Ebb	8.6	26.93	28.04	14.5	94.6	6.45	7.82	12:24:24	0.61	32.6
ESC-RFE5	809438.6	824013.2	Mid Ebb	8.6	26.93	28.04	13.4	94.4	6.44	7.87	12:24:59	0.58	332.1
ESC-RFE5	809446.2	824006.7	Mid Ebb	8.5	26.92	28.05	11.6	94.9	6.47	7.91	12:25:45	0.61	14.1
ESC-RFE5	809446.6	824003.8	Mid Ebb	8.5	26.93	28.09	11.1	94.8	6.46	7.92	12:26:09	0.26	10.3
ESC-RFE5	809454.7	823998.4	Mid Ebb	8.4	26.92	28.05	10.5	94.9	6.47	7.93	12:26:33	0.52	49.2
ESC-RFE5	809456.2	823994.5	Mid Ebb	8.3	26.92	28.06	10.1	95.0	6.48	7.94	12:26:57	0.42	65.3
ESC-RFE5	809459.6	823991.1	Mid Ebb	8.4	26.92	28.10	10.3	95.0	6.48	7.94	12:27:21	1.21	336.0
ESC-RFE5	809463.1	823988.9	Mid Ebb	8.6	26.92	28.10	10.3	95.1	6.48	7.95	12:27:45	0.48	80.0
ESC-RFE4	809154.7	823744.2	Mid Ebb	5.8	26.90	28.07	14.4	94.5	6.45	7.94	12:33:34	0.27	51.3
ESC-RFE4	809155.2	823738.8	Mid Ebb	5.7	26.91	28.07	14.9	94.0	6.41	7.95	12:34:02	0.26	26.6
ESC-RFE4	809155.2	823734.1	Mid Ebb	5.7	26.91	28.05	15.1	93.8	6.40	7.95	12:34:26	0.26	26.6
ESC-RFE4	809156.9	823728.9	Mid Ebb	5.7	26.91	28.08	14.0	93.8	6.39	7.95	12:34:50	0.26	26.6
ESC-RFE4	809159.7	823723.5	Mid Ebb	5.7	26.91	28.12	11.1	93.9	6.40	7.95	12:35:14	0.25	103.5
ESC-RFE4	809166.5	823718.6	Mid Ebb	5.7	26.91	28.12	11.7	94.1	6.41	7.95	12:35:41	0.46	316.0
ESC-RFE4	809170.7	823714.6	Mid Ebb	5.7	26.91	28.10	11.9	93.9	6.40	7.94	12:36:04	0.71	27.8
ESC-RFE4	809174.3	823708.6	Mid Ebb	5.7	26.90	28.13	11.0	94.2	6.42	7.95	12:36:31	0.71	27.8
ESC-RFE3	808951.5	823423.4	Mid Ebb	5.7	26.87	28.37	8.3	97.4	6.63	7.97	12:41:44	0.13	322.6
ESC-RFE3	808952.6	823416.1	Mid Ebb	5.6	26.87	28.37	7.9	97.1	6.61	7.98	12:42:12	0.48	69.8
ESC-RFE3	808954.6	823409.6	Mid Ebb	5.6	26.88	28.36	7.8	96.9	6.60	7.98	12:42:35	0.52	138.8
ESC-RFE3	808957.7	823402.1	Mid Ebb	5.6	26.88	28.35	7.9	96.9	6.60	7.98	12:42:59	0.82	348.3
ESC-RFE3	808958.9	823396.0	Mid Ebb	5.6	26.88	28.35	7.7	96.9	6.60	7.97	12:43:24	0.82	348.3
ESC-RFE3	808959.8	823391.5	Mid Ebb	5.6	26.87	28.37	7.5	97.0	6.60	7.97	12:43:49	0.23	133.2
ESC-RFE3	808960.9	823385.9	Mid Ebb	5.6	26.87	28.38	7.5	97.0	6.61	7.97	12:44:16	0.24	52.1
ESC-RFE3	808962.5	823380.2	Mid Ebb	5.6	26.87	28.39	7.6	97.1	6.61	7.97	12:44:39	0.24	52.1
ESC-RFE2	808724.8	823090.2	Mid Ebb	4.8	26.87	28.94	11.3	98.7	6.70	8.01	12:50:02	0.55	0.2
ESC-RFE2	808729.8	823085.2	Mid Ebb	4.9	26.87	28.83	10.9	98.4	6.68	8.01	12:50:26	0.20	358.8
ESC-RFE2	808733.1	823079.3	Mid Ebb	4.9	26.87	28.86	11.0	98.4	6.68	8.01	12:50:50	0.70	352.5
ESC-RFE2	808737.6	823073.5	Mid Ebb	4.9	26.87	28.94	10.9	98.4	6.68	8.00	12:51:14	0.80	74.0
ESC-RFE2	808741.6	823068.3	Mid Ebb	4.9	26.87	29.04	11.0	98.8	6.70	8.01	12:51:38	0.62	120.6
ESC-RFE2	808744.9	823063.9	Mid Ebb	4.9	26.87	28.93	10.9	98.8	6.71	8.01	12:52:02	0.47	56.0
ESC-RFE2	808749.1	823057.5	Mid Ebb	4.8	26.86	28.92	11.5	98.9	6.71	8.01	12:52:26	0.75	339.4
ESC-RFE2	808754.6	823050.7	Mid Ebb	4.8	26.86	28.95	12.4	98.9	6.72	8.01	12:52:49	0.51	79.8
ESC-RFE1	808527.7	822787.2	Mid Ebb	4.2	26.82	28.38	9.5	99.0	6.75	7.98	12:57:29	1.00	57.4
ESC-RFE1	808535.0	822777.6	Mid Ebb	4.4	26.84	25.22	10.1	100.1	6.94	8.01	12:57:57	0.76	107.0
ESC-RFE1	808545.3	822767.4	Mid Ebb	4.6	26.84	24.82	9.9	100.0	6.96	8.01	12:58:24	0.99	104.2
ESC-RFE1	808554.7	822758.7	Mid Ebb	4.6	26.85	23.25	9.8	100.0	7.01	8.00	12:58:48	0.28	210.3
ESC-RFE1	808562.3	822747.1	Mid Ebb	4.6	26.86	26.98	9.7	99.6	6.84	7.99	12:59:14	0.33	325.7
ESC-RFE1	808570.4	822732.3	Mid Ebb	4.4	26.86	24.84	9.6	99.5	6.91	7.99	12:59:46	0.17	136.0
ESC-RFE1	808574.6	822723.5	Mid Ebb	4.5	26.86	26.39	9.4	99.5	6.85	7.99	13:00:09	0.71	44.0
ESC-RFE1	808579.0	822714.6	Mid Ebb	4.6	26.85	26.10	9.3	99.8	6.88	7.99	13:00:33	0.17	163.7
ESC-INE1	808055.1	821060.2	Mid Ebb	3.9	26.81	29.38	10.5	100.5	6.81	8.03	13:12:29	0.22	325.1
ESC-INE1	808053.3	821054.4	Mid Ebb	4.0	26.81	29.22	8.2	100.5	6.82	8.03	13:12:53	0.34	75.1
ESC-INE1	808048.9	821047.9	Mid Ebb	4.0	26.82	29.14	7.7	100.3	6.81	8.02	13:13:19	0.27	254.7
ESC-INE1	808048.3	821041.3	Mid Ebb	4.0	26.82	29.05	7.4	100.2	6.80	8.02	13:13:43	0.27	254.7
ESC-INE1	808047.7	821033.9	Mid Ebb	4.0	26.82	29.20	8.1	100.2	6.80	8.02	13:14:07	0.58	39.8
ESC-INE1	808047.7	821026.6	Mid Ebb	4.0	26.82	29.07	7.3	100.1	6.80	8.02	13:14:31	0.58	39.8
ESC-INE1	808047.7	821019.6	Mid Ebb	4.0	26.81	29.26	7.8	100.4	6.81	8.02	13:14:55	0.21	320.0
ESC-INE1	808045.6	821012.0	Mid Ebb	4.0	26.81	29.39	8.7	100.9	6.84	8.03	13:15:19	0.86	21.9
ESC-INE4	808458.2	820344.6	Mid Ebb	4.1	26.89	27.28	5.8	96.2	6.59	7.95	13:29:04	0.12	81.7
ESC-INE4	808455.0	820344.6	Mid Ebb	4.1	26.87	26.58	6.2	96.6	6.64	7.96	13:29:27	0.12	81.7
ESC-INE4	808451.2	820348.5	Mid Ebb	4.0	26.88	29.62	5.9	96.7	6.54	7.96	13:30:04	0.31	134.6
ESC-INE4	808450.1	820347.1	Mid Ebb	4.1	26.88	30.81	6.1	96.6	6.49	7.96	13:30:32	0.41	87.3
ESC-INE4	808448.3	820342.2	Mid Ebb	4.0	26.87	29.77	7.3	97.0	6.56	7.98	13:31:01	0.63	224.0
ESC-INE4	808447.6	820336.3	Mid Ebb	4.0	26.88	28.87	6.2	96.9	6.58	7.97	13:31:25	0.61	81.3
ESC-INE4	808447.4	820330.6	Mid Ebb	4.0	26.89	26.25	6.0	96.8	6.67	7.96	13:31:49	0.53	356.0
ESC-INE4	808445.9	820321.1	Mid Ebb	4.0	26.90	28.97	5.6	96.4	6.54	7.94	13:32:30	0.18	209.0
ESC-INE3	808845.0	820447.7	Mid Ebb	3.3	26.84	29.23	18.9	97.6	6.62	8.00	13:39:14	0.70	262.4
ESC-INE3	808848.7	820443.8	Mid Ebb	3.4	26.85	29.23	20.9	97.2	6.59	8.01	13:39:44	0.80	104.1
ESC-INE3	808851.0	820464.5	Mid Ebb	3.4	26.86	28.86	9.0	96.9	6.59	8.00	13:40:56	0.67	38.5
ESC-INE3	808849.9	820471.7	Mid Ebb	3.4	26.86	28.98	8.6	96.5	6.55	7.98	13:41:19	0.40	12.6
ESC-INE3	808849.2	820472.7	Mid Ebb	3.5	26.86	29.13	8.5	96.9	6.57	8.00	13:41:44	0.40	35.4
ESC-INE3	808848.6	820469.7	Mid Ebb	3.4	26.86	29.00	8.6	96.8	6.57	7.99	13:42:07	0.20	328.3
ESC-INE3	808848.2	820463.7	Mid Ebb	3.4	26.87	28.70	7.9	96.4	6.56	7.98	13:42:31	0.23	307.9
ESC-INE3	808848.1	820456.7	Mid Ebb	3.4	26.88	28.38	7.1	95.5	6.51	7.96	13:42:56	0.18	254.2
ESC-INE2	808376.6	820774.5	Mid Ebb	3.9	26.81	29.68	8.4	101.3	6.85	8.02	13:52:59	0.24	357.1
ESC-INE2	808376.4	820772.7	Mid Ebb	4.1	26.81	29.70	9.3	101.4	6.86	8.02	13:53:33	0.79	97.0
ESC-INE2	808377.5	820764.9	Mid Ebb	4.1	26.80	29.77	9.4	101.4	6.86	8.02	13:54:01	0.79	97.0
ESC-INE2	808381.4	820754.4	Mid Ebb	4.1	26.81	29.70	7.5	101.4	6.86	8.02	13:54:38	0.66	143.7
ESC-INE2	808386.5	820747.6	Mid Ebb	4.1	26.83	29.17	5.9	100.0	6.79	8.00	13:55:01	0.63	170.7
ESC-INE2	808394.9	820749.7	Mid Ebb	4.1	26.82	29.44	7.1	100.2	6.79	8.00	13:55:25	0.33	128.7
ESC-INE2	808389.2	820761.1	Mid Ebb	3.8	26.83	29.14	6.3	100.1	6.79	8.00	13:55:49	0.61	167.5
ESC-INE2	808378.4	820770.8	Mid Ebb	3.9	26.81	29.71	9.1	101.7	6.88	8.02	13:56:33	0.34	164.3
ESC-INE5	809155.4	820795.2	Mid Ebb	3.2	26.83	29.44	15.5	99.0	6.71	8.01	14:09:36	0.57	59.1
ESC-INE5	809157.8	820790.2	Mid Ebb	3.2	26.83	29.43	12.3	98.8	6.69	8.01	14:09:59	0.43	172.5
ESC-INE5	809161.8	820784.8	Mid Ebb	3.2	26.83	29.46	16.5	98.5	6.68	8.00	14:10:26	0.63	38.9
ESC-INE5	809165.8	820780.7	Mid Ebb	3.2	26.87	28.80	6.9	98.0	6.66	7.98	14:10:49	0.63	38.9
ESC-INE5	809170.1	820776.2	Mid Ebb	3.2	26.86	28.98	8.6	97.9	6.65	7.97	14:11:13	0.62	173.2
ESC-INE5	809174.6	820770.8	Mid Ebb	3.2	26.85	29.15	12.2	98.3	6.67	7.99	14:11:37	0.62	173.2

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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-INE5	809180.2	820764.8	Mid Ebb	3.2	26.89	28.50	8.3	97.6	6.64	7.97	14:12:01	0.59	40.8
ESC-INE5	809186.6	820759.0	Mid Ebb	3.2	26.91	28.24	5.9	97.1	6.61	7.94	14:12:25	0.83	63.5
ESC-IPE1	810124.6	821695.6	Mid Ebb	4.3	26.88	28.32	5.3	98.3	6.69	7.96	14:21:39	0.81	114.0
ESC-IPE1	810128.0	821695.2	Mid Ebb	4.6	26.88	28.31	5.5	98.0	6.68	7.96	14:22:02	0.87	1.6
ESC-IPE1	810142.7	821687.6	Mid Ebb	4.5	26.89	28.25	5.5	98.0	6.68	7.96	14:22:26	0.16	105.2
ESC-IPE1	810158.2	821679.9	Mid Ebb	4.5	26.88	28.40	5.5	97.7	6.66	7.96	14:22:50	0.11	8.4
ESC-IPE1	810164.5	821684.0	Mid Ebb	4.6	26.87	28.55	6.9	98.2	6.68	7.96	14:23:16	0.77	141.0
ESC-IPE1	810172.4	821690.1	Mid Ebb	4.6	26.88	28.46	5.6	98.1	6.67	7.96	14:23:41	0.79	85.3
ESC-IPE1	810173.9	821689.2	Mid Ebb	4.5	26.84	29.15	21.2	99.5	6.75	7.98	14:24:05	0.56	27.9
ESC-IPE1	810164.5	821688.4	Mid Ebb	4.1	26.87	28.54	6.7	99.0	6.74	7.97	14:24:30	0.72	105.2
ESC-IPE2	810813.6	822166.1	Mid Ebb	4.5	26.84	28.31	4.2	101.7	6.93	7.97	14:33:11	0.55	123.1
ESC-IPE2	810818.5	822159.8	Mid Ebb	4.5	26.86	28.33	4.2	101.5	6.92	7.98	14:33:35	0.55	123.1
ESC-IPE2	810825.4	822151.1	Mid Ebb	4.4	26.86	28.28	4.8	101.1	6.89	7.98	14:33:58	0.55	123.1
ESC-IPE2	810830.9	822141.6	Mid Ebb	4.4	26.86	28.28	4.9	101.0	6.88	7.96	14:34:24	0.30	338.2
ESC-IPE2	810836.6	822134.5	Mid Ebb	4.5	26.87	28.30	4.3	100.6	6.86	7.96	14:34:48	0.13	29.7
ESC-IPE2	810842.5	822127.5	Mid Ebb	4.5	26.86	28.21	4.8	100.7	6.87	7.95	14:35:12	0.13	29.7
ESC-IPE2	810848.0	822121.5	Mid Ebb	4.4	26.87	28.24	4.5	100.7	6.87	7.95	14:35:36	1.02	95.5
ESC-IPE2	810853.4	822115.1	Mid Ebb	4.5	26.88	28.29	4.3	100.7	6.86	7.95	14:36:00	0.68	133.1
ESC-IPE3	811761.8	821968.4	Mid Ebb	4.2	26.91	28.44	8.4	96.2	6.55	7.93	14:43:05	1.23	105.8
ESC-IPE3	811770.2	821963.5	Mid Ebb	4.3	26.92	28.44	8.6	95.8	6.52	7.94	14:43:38	1.19	58.1
ESC-IPE3	811773.8	821960.4	Mid Ebb	4.3	26.93	28.43	8.2	95.7	6.51	7.94	14:44:01	1.19	58.1
ESC-IPE3	811779.2	821956.8	Mid Ebb	4.3	26.92	28.44	8.3	95.8	6.52	7.94	14:44:25	0.37	72.9
ESC-IPE3	811784.7	821954.1	Mid Ebb	4.3	26.91	28.47	10.3	95.9	6.52	7.94	14:44:49	0.73	320.6
ESC-IPE3	811792.5	821945.3	Mid Ebb	4.3	26.92	28.46	11.3	95.9	6.52	7.93	14:45:13	0.56	81.7
ESC-IPE3	811801.4	821935.2	Mid Ebb	4.2	26.91	28.50	11.3	95.9	6.53	7.93	14:45:37	1.07	115.1
ESC-IPE3	811809.9	821926.7	Mid Ebb	4.3	26.92	28.44	7.8	96.0	6.53	7.93	14:46:01	0.91	104.7
ESC-IPE4	812407.2	821739.8	Mid Ebb	4.6	26.97	28.32	12.1	96.5	6.56	7.92	14:51:47	0.70	124.5
ESC-IPE4	812414.8	821731.9	Mid Ebb	4.6	26.98	28.33	12.5	95.8	6.52	7.93	14:52:13	0.63	233.1
ESC-IPE4	812421.9	821724.9	Mid Ebb	4.6	26.98	28.32	11.0	96.0	6.53	7.93	14:52:36	0.24	314.3
ESC-IPE4	812429.0	821717.4	Mid Ebb	4.6	26.98	28.32	10.9	96.1	6.54	7.93	14:53:00	0.94	131.4
ESC-IPE4	812436.7	821709.9	Mid Ebb	4.6	26.98	28.32	9.8	96.1	6.54	7.93	14:53:24	1.24	177.7
ESC-IPE4	812445.1	821701.4	Mid Ebb	4.6	26.98	28.32	10.2	96.2	6.54	7.92	14:53:48	0.39	118.5
ESC-IPE4	812453.9	821692.6	Mid Ebb	4.6	26.99	28.33	12.1	95.9	6.52	7.92	14:54:12	0.28	148.7
ESC-IPE4	812462.7	821683.8	Mid Ebb	4.6	26.99	28.32	11.9	95.9	6.52	7.92	14:54:36	0.48	164.4
ESC-IPE5	812906.7	822066.3	Mid Ebb	4.4	26.99	28.50	14.4	94.3	6.41	7.90	15:00:23	0.60	132.9
ESC-IPE5	812915.4	822064.7	Mid Ebb	4.4	27.00	28.49	13.6	93.9	6.38	7.91	15:00:47	0.72	117.0
ESC-IPE5	812923.7	822060.4	Mid Ebb	4.4	27.01	28.49	14.7	93.7	6.36	7.91	15:01:11	0.44	109.5
ESC-IPE5	812932.3	822055.5	Mid Ebb	4.4	27.01	28.51	15.0	93.5	6.35	7.91	15:01:35	0.49	41.8
ESC-IPE5	812941.4	822050.3	Mid Ebb	4.4	27.01	28.52	16.5	93.4	6.34	7.90	15:01:59	0.49	41.8
ESC-IPE5	812950.4	822044.7	Mid Ebb	4.3	27.01	28.52	15.9	93.4	6.34	7.90	15:02:23	0.49	41.8
ESC-IPE5	812959.1	822038.7	Mid Ebb	4.3	27.01	28.51	16.6	93.4	6.34	7.90	15:02:46	0.63	150.6
ESC-IPE5	812968.2	822033.6	Mid Ebb	4.3	27.01	28.48	16.2	93.4	6.35	7.90	15:03:10	0.37	338.3
MW1	823604.4	823653.1	Mid Ebb	10.9	27.10	30.35	3.8	93.9	6.30	7.93	15:54:48	0.47	214.3
MW1	823601.3	823655.2	Mid Ebb	10.9	27.11	30.28	4.0	93.5	6.27	7.92	15:55:12	0.47	214.3
MW1	823600.5	823657.6	Mid Ebb	10.9	27.11	30.26	3.7	93.3	6.26	7.92	15:55:35	0.02	71.6
MW1	823601.2	823659.9	Mid Ebb	10.9	27.11	30.24	4.0	93.1	6.25	7.91	15:56:06	0.89	123.7
MW1	823598.6	823663.0	Mid Ebb	10.9	27.11	30.22	3.9	93.1	6.25	7.91	15:56:46	0.38	122.8
MW1	823597.0	823660.3	Mid Ebb	10.8	27.11	30.18	3.8	93.3	6.27	7.90	15:57:10	0.47	136.5
MW1	823597.6	823658.8	Mid Ebb	10.9	27.11	30.40	3.9	93.2	6.25	7.90	15:57:40	0.62	189.8
MW1	823600.0	823658.5	Mid Ebb	10.9	27.11	30.33	3.5	93.1	6.25	7.90	15:58:09	0.14	177.6

Note: SB-INE/INF - Intermediate stations; SB-IPE/IPF - Impact stations; SB-RFE/RFF - Reference stations; MW - Ma Wan station.