

ROUTINE WATER QUALITY MONITORING for ESC CMP Vd													
Date: 4 October 2016													
Pos. No.	Easting	Northing	Tide	Depth (m)	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
ESC-RFE5	809417.9	823991.7	Mid Ebb	8.3	28.17	28.62	17.2	83.7	5.57	7.16	12:57:09	0.19	306.9
ESC-RFE5	809417.8	823989.7	Mid Ebb	8.4	28.17	28.58	16.0	82.3	5.48	7.57	12:57:51	0.36	2.7
ESC-RFE5	809419.5	823991.6	Mid Ebb	8.4	28.18	28.58	15.2	81.9	5.45	7.63	12:58:19	0.42	355.7
ESC-RFE5	809419.7	823994.5	Mid Ebb	8.4	28.18	28.61	15.7	82.0	5.46	7.69	12:58:46	0.42	355.7
ESC-RFE5	809421.5	823998.7	Mid Ebb	8.4	28.18	28.62	16.1	81.9	5.45	7.73	12:59:20	0.88	282.7
ESC-RFE5	809422.8	824000.1	Mid Ebb	8.4	28.18	28.61	14.9	81.7	5.44	7.74	12:59:47	0.29	120.8
ESC-RFE5	809423.2	824001.3	Mid Ebb	8.4	28.18	28.61	15.7	81.6	5.43	7.75	13:00:13	0.63	71.5
ESC-RFE5	809424.0	824002.9	Mid Ebb	8.4	28.18	28.60	14.3	81.5	5.43	7.76	13:00:42	0.63	71.5
ESC-RFE4	809162.0	823696.7	Mid Ebb	6.0	28.61	27.80	3.9	92.4	6.13	7.82	13:08:16	0.33	73.0
ESC-RFE4	809161.5	823697.2	Mid Ebb	6.0	28.60	27.86	3.8	92.7	6.15	7.84	13:08:42	0.29	145.5
ESC-RFE4	809161.9	823699.8	Mid Ebb	6.0	28.59	27.89	3.9	92.5	6.14	7.85	13:09:11	0.71	103.5
ESC-RFE4	809162.9	823702.9	Mid Ebb	6.1	28.52	28.24	4.8	93.4	6.19	7.86	13:09:38	0.41	90.7
ESC-RFE4	809163.6	823705.9	Mid Ebb	6.1	28.36	28.83	6.4	91.5	6.06	7.87	13:10:04	0.49	35.4
ESC-RFE4	809163.8	823708.0	Mid Ebb	6.1	28.38	28.75	6.3	91.5	6.06	7.88	13:10:34	0.75	85.3
ESC-RFE4	809163.4	823709.0	Mid Ebb	6.0	28.38	28.77	6.0	91.6	6.07	7.88	13:10:58	0.17	28.4
ESC-RFE4	809163.1	823709.3	Mid Ebb	6.0	28.48	28.38	5.1	92.9	6.16	7.88	13:11:22	1.00	106.7
ESC-RFE3	808945.6	823369.0	Mid Ebb	5.2	28.67	27.87	4.1	94.0	6.23	7.84	13:16:18	0.43	113.9
ESC-RFE3	808942.7	823367.2	Mid Ebb	5.1	28.67	27.80	4.0	93.4	6.19	7.86	13:16:44	0.86	93.6
ESC-RFE3	808939.7	823366.6	Mid Ebb	5.0	28.65	27.80	4.1	93.1	6.17	7.86	13:17:08	0.86	93.6
ESC-RFE3	808937.6	823366.5	Mid Ebb	5.1	28.64	27.84	4.1	92.9	6.16	7.86	13:17:31	0.49	148.2
ESC-RFE3	808936.0	823366.6	Mid Ebb	5.1	28.65	27.62	4.0	92.3	6.13	7.86	13:17:57	1.28	34.4
ESC-RFE3	808934.9	823366.7	Mid Ebb	5.1	28.63	27.71	4.1	92.1	6.12	7.86	13:18:21	1.17	210.1
ESC-RFE3	808933.9	823367.4	Mid Ebb	5.1	28.61	27.86	4.3	92.4	6.13	7.86	13:18:45	1.17	210.1
ESC-RFE3	808932.9	823367.9	Mid Ebb	5.1	28.63	27.64	3.9	92.0	6.11	7.86	13:19:10	0.35	128.1
ESC-RFE2	808736.8	823047.7	Mid Ebb	5.2	28.42	28.73	11.2	91.8	6.08	7.86	13:25:51	0.25	0.9
ESC-RFE2	808736.9	823048.2	Mid Ebb	5.3	28.47	28.38	9.1	91.3	6.05	7.87	13:26:17	1.06	118.3
ESC-RFE2	808737.0	823048.0	Mid Ebb	5.3	28.49	28.25	8.6	91.0	6.04	7.87	13:26:40	0.23	104.6
ESC-RFE2	808736.5	823046.3	Mid Ebb	5.2	28.43	28.60	10.9	90.8	6.01	7.87	13:27:04	1.14	40.4
ESC-RFE2	808735.2	823042.5	Mid Ebb	5.1	28.38	28.75	9.9	90.9	6.02	7.88	13:27:28	0.67	55.6
ESC-RFE2	808733.8	823037.7	Mid Ebb	5.1	28.41	28.66	11.7	90.7	6.01	7.87	13:27:52	0.27	169.3
ESC-RFE2	808732.1	823033.6	Mid Ebb	5.1	28.44	28.41	9.7	90.5	6.00	7.87	13:28:16	0.27	117.8
ESC-RFE2	808730.7	823029.0	Mid Ebb	5.1	28.47	28.20	8.8	90.3	5.99	7.86	13:28:40	0.32	206.3
ESC-RFE1	808527.6	822762.3	Mid Ebb	4.5	28.34	28.04	10.1	87.8	5.84	7.85	13:32:48	0.65	62.2
ESC-RFE1	808525.9	822758.7	Mid Ebb	4.5	28.35	28.01	9.8	87.4	5.82	7.86	13:33:16	0.53	125.6
ESC-RFE1	808524.8	822755.5	Mid Ebb	4.4	28.36	27.90	9.2	87.1	5.80	7.85	13:33:39	0.35	91.0
ESC-RFE1	808524.0	822752.6	Mid Ebb	4.4	28.36	28.13	9.9	87.4	5.82	7.85	13:34:04	0.64	139.9
ESC-RFE1	808524.1	822750.8	Mid Ebb	4.4	28.35	28.03	10.0	87.4	5.82	7.85	13:34:29	0.37	131.6
ESC-RFE1	808524.6	822749.0	Mid Ebb	4.5	28.34	28.12	10.9	87.3	5.81	7.85	13:34:53	0.37	131.6
ESC-RFE1	808526.1	822747.0	Mid Ebb	4.5	28.34	28.09	10.6	87.4	5.82	7.86	13:35:17	0.65	162.5
ESC-RFE1	808525.6	822744.1	Mid Ebb	4.5	28.36	27.93	9.2	87.2	5.81	7.85	13:35:41	0.50	197.3
ESC-INE1	808062.6	821049.9	Mid Ebb	4.0	28.17	30.10	14.9	91.6	6.05	7.93	13:47:12	0.19	217.9
ESC-INE1	808060.8	821052.0	Mid Ebb	4.1	28.15	30.14	15.4	90.9	6.00	7.95	13:47:35	0.16	252.6
ESC-INE1	808057.9	821051.7	Mid Ebb	4.1	28.16	30.13	15.6	90.8	5.99	7.95	13:47:59	0.69	127.0
ESC-INE1	808057.4	821047.1	Mid Ebb	4.1	28.15	30.14	15.7	90.8	5.99	7.94	13:48:24	0.41	13.5
ESC-INE1	808057.9	821044.3	Mid Ebb	4.0	28.15	30.15	15.8	90.6	5.98	7.93	13:48:47	0.34	34.0
ESC-INE1	808056.6	821043.1	Mid Ebb	4.0	28.16	30.14	11.9	90.8	5.99	7.93	13:49:11	0.63	127.1
ESC-INE1	808053.6	821041.6	Mid Ebb	4.0	28.20	30.10	12.2	91.8	6.05	7.93	13:49:35	0.63	127.1
ESC-INE1	808049.8	821041.5	Mid Ebb	4.0	28.16	30.14	14.6	91.0	6.01	7.93	13:49:59	0.42	12.0
ESC-INE2	808384.9	820774.2	Mid Ebb	3.5	28.18	30.04	13.4	91.3	6.03	7.91	13:54:42	0.21	147.3
ESC-INE2	808382.7	820774.9	Mid Ebb	3.4	28.18	30.06	12.3	91.5	6.04	7.92	13:55:15	0.68	166.8
ESC-INE2	808377.1	820777.5	Mid Ebb	3.4	28.19	30.08	11.2	92.2	6.08	7.93	13:56:07	0.26	31.4
ESC-INE2	808375.3	820778.4	Mid Ebb	3.4	28.20	30.08	10.6	92.6	6.11	7.93	13:56:50	0.23	97.7
ESC-INE2	808374.9	820775.6	Mid Ebb	3.4	28.20	30.08	9.7	92.8	6.12	7.93	13:57:24	0.76	115.4
ESC-INE2	808374.4	820777.7	Mid Ebb	3.4	28.18	30.09	12.1	92.0	6.07	7.93	13:57:56	0.20	171.8
ESC-INE2	808372.1	820780.2	Mid Ebb	3.4	28.19	30.08	11.1	92.3	6.09	7.93	13:58:24	0.11	48.7
ESC-INE2	808368.5	820781.8	Mid Ebb	3.4	28.20	30.08	11.0	92.3	6.09	7.93	13:58:48	1.01	53.2
ESC-INE4	808453.7	820337.3	Mid Ebb	3.5	28.13	30.07	10.3	90.1	5.95	7.91	14:03:39	0.61	73.4
ESC-INE4	808450.0	820336.6	Mid Ebb	3.4	28.14	30.04	9.6	90.0	5.94	7.92	14:04:13	0.59	20.3
ESC-INE4	808446.7	820336.1	Mid Ebb	3.4	28.14	30.03	8.7	90.7	5.99	7.92	14:04:39	0.56	54.5
ESC-INE4	808443.0	820336.1	Mid Ebb	3.4	28.14	30.03	8.5	90.9	6.01	7.92	14:05:02	0.54	134.2
ESC-INE4	808438.5	820336.1	Mid Ebb	3.4	28.16	30.01	8.2	91.3	6.03	7.92	14:05:26	0.40	159.9
ESC-INE4	808434.0	820335.7	Mid Ebb	3.4	28.19	29.81	7.8	92.0	6.08	7.92	14:05:50	0.40	159.9
ESC-INE4	808429.5	820335.7	Mid Ebb	3.4	28.16	30.00	8.3	91.7	6.05	7.92	14:06:13	0.38	43.6
ESC-INE4	808425.4	820336.1	Mid Ebb	3.4	28.16	30.02	8.2	91.8	6.07	7.93	14:06:37	0.32	177.0
ESC-INE3	808840.7	820452.5	Mid Ebb	3.4	28.14	29.98	15.7	90.2	5.96	7.90	14:11:00	0.73	217.9
ESC-INE3	808837.4	820454.5	Mid Ebb	3.4	28.14	30.00	14.0	89.6	5.92	7.91	14:11:26	0.29	86.8
ESC-INE3	808833.1	820454.7	Mid Ebb	3.4	28.15	30.02	11.2	89.9	5.94	7.91	14:11:52	0.71	142.7
ESC-INE3	808829.9	820456.2	Mid Ebb	3.4	28.14	30.03	11.7	89.9	5.94	7.91	14:12:18	1.28	105.5
ESC-INE3	808827.3	820456.6	Mid Ebb	3.5	28.15	30.02	11.4	90.0	5.94	7.91	14:12:42	1.14	97.7
ESC-INE3	808824.9	820456.2	Mid Ebb	3.5	28.15	30.02	12.1	89.8	5.93	7.91	14:13:06	0.67	20.3
ESC-INE3	808822.1	820456.5	Mid Ebb	3.5	28.14	30.03	13.4	89.8	5.93	7.91	14:13:39	0.45	103.9
ESC-INE3	808819.3	820457.6	Mid Ebb	3.5	28.15	30.03	12.5	89.9	5.94	7.91	14:14:05	1.01	238.8
ESC-INE5	809158.3	820797.7	Mid Ebb	3.0	28.18	30.00	12.9	92.0	6.07	7.90	14:22:29	1.19	101.8
ESC-INE5	809157.8	820801.5	Mid Ebb	3.0	28.18	30.01	13.4	91.4	6.03	7.91	14:23:04	0.81	87.3
ESC-INE5	809157.5	820803.2	Mid Ebb	3.0	28.18	30.01	14.8	91.1	6.02	7.91	14:23:27	0.81	87.3
ESC-INE5	809157.0	820804.9	Mid Ebb	3.0	28.18	30.01	14.7	91.1	6.02	7.91	14:23:53	0.53	108.0
ESC-INE5	809156.7	820806.0	Mid Ebb	3.1	28.17	30.02	16.3	90.9	6.00	7.91	14:24:27	0.45	167.5
ESC-INE5	809157.0	820806.9	Mid Ebb	3.1	28.18	30.01	16.2	90.9	6.00	7.91	14:24:56	1.18	102.1

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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	809157.1	820808.0	Mid Ebb	3.1	28.18	30.02	16.1	90.8	6.00	7.91	14:25:20	0.18	223.2
ESC-INE5	809156.8	820809.0	Mid Ebb	3.1	28.18	30.01	15.9	90.8	5.99	7.91	14:25:45	0.17	129.6
ESC-IPE1	810137.0	821686.9	Mid Ebb	4.5	28.84	28.02	3.8	96.9	6.40	7.88	14:34:34	0.21	39.0
ESC-IPE1	810140.9	821689.4	Mid Ebb	4.6	28.86	28.00	3.8	96.9	6.40	7.88	14:34:57	0.80	62.6
ESC-IPE1	810145.6	821689.2	Mid Ebb	4.6	28.89	27.98	3.7	96.9	6.39	7.87	14:35:21	0.85	86.8
ESC-IPE1	810150.7	821685.8	Mid Ebb	4.6	28.88	27.99	3.8	96.7	6.38	7.87	14:35:45	0.48	12.0
ESC-IPE1	810159.8	821682.6	Mid Ebb	4.6	28.82	28.06	4.2	96.3	6.36	7.87	14:36:20	0.57	125.9
ESC-IPE1	810173.5	821679.4	Mid Ebb	4.6	28.83	28.03	4.0	96.2	6.36	7.87	14:37:14	0.96	86.0
ESC-IPE1	810185.1	821681.9	Mid Ebb	4.6	28.81	28.10	4.3	96.2	6.35	7.87	14:38:06	0.53	127.9
ESC-IPE1	810195.7	821682.5	Mid Ebb	4.6	28.85	28.01	3.9	96.3	6.36	7.87	14:38:42	0.16	323.2
ESC-IPE2	810819.9	822139.8	Mid Ebb	4.7	28.66	28.71	8.0	95.3	6.29	7.86	14:45:02	0.11	142.7
ESC-IPE2	810823.4	822140.7	Mid Ebb	4.7	28.69	28.65	7.9	95.2	6.28	7.88	14:45:28	0.11	142.7
ESC-IPE2	810829.8	822143.0	Mid Ebb	4.8	28.66	28.71	8.5	94.9	6.26	7.88	14:45:52	0.56	31.0
ESC-IPE2	810830.4	822144.4	Mid Ebb	4.5	28.83	28.20	5.6	95.7	6.32	7.88	14:46:16	0.64	139.5
ESC-IPE2	810831.3	822143.6	Mid Ebb	4.4	28.67	28.69	8.4	94.7	6.25	7.87	14:46:39	1.16	102.7
ESC-IPE2	810832.1	822142.1	Mid Ebb	4.5	28.71	28.53	7.9	94.8	6.26	7.88	14:47:03	0.99	103.9
ESC-IPE2	810835.1	822143.1	Mid Ebb	4.5	28.59	28.89	11.2	94.1	6.21	7.88	14:47:27	0.60	105.5
ESC-IPE2	810840.0	822142.8	Mid Ebb	4.8	28.57	28.91	11.1	93.8	6.19	7.89	14:47:51	1.30	121.7
ESC-IPE3	811771.0	821927.0	Mid Ebb	4.0	28.74	28.40	5.6	96.1	6.34	7.86	14:54:35	0.46	130.3
ESC-IPE3	811777.6	821916.3	Mid Ebb	4.0	28.70	28.49	5.8	95.7	6.32	7.87	14:54:59	0.68	121.1
ESC-IPE3	811784.1	821905.3	Mid Ebb	4.0	28.72	28.43	5.3	95.8	6.32	7.88	14:55:22	0.39	82.8
ESC-IPE3	811789.3	821898.6	Mid Ebb	3.9	28.54	28.82	10.2	93.5	6.18	7.88	14:55:47	0.52	54.6
ESC-IPE3	811796.0	821901.6	Mid Ebb	4.0	28.76	28.33	4.5	96.2	6.35	7.88	14:56:16	0.39	82.8
ESC-IPE3	811798.6	821905.4	Mid Ebb	3.9	28.95	27.93	4.3	97.2	6.41	7.87	14:56:43	0.70	144.7
ESC-IPE3	811801.2	821907.8	Mid Ebb	3.7	28.99	27.86	4.0	97.5	6.43	7.87	14:57:06	0.75	105.2
ESC-IPE3	811805.5	821908.6	Mid Ebb	3.8	28.86	28.19	4.6	96.8	6.39	7.87	14:57:31	0.32	238.8
ESC-IPE4	812458.7	821747.2	Mid Ebb	4.2	28.37	29.01	13.8	90.2	5.97	7.86	15:05:14	0.73	103.2
ESC-IPE4	812467.3	821747.2	Mid Ebb	4.2	28.45	28.82	10.8	91.5	6.05	7.86	15:05:38	0.53	90.4
ESC-IPE4	812469.6	821744.3	Mid Ebb	4.1	28.44	28.83	12.9	92.2	6.10	7.86	15:06:02	0.84	152.4
ESC-IPE4	812475.0	821740.4	Mid Ebb	4.8	28.40	28.92	17.3	91.0	6.02	7.86	15:06:25	0.53	174.1
ESC-IPE4	812483.3	821738.5	Mid Ebb	4.5	28.38	28.98	15.2	90.3	5.98	7.86	15:06:50	0.47	102.9
ESC-IPE4	812491.8	821738.2	Mid Ebb	4.4	28.44	28.82	15.0	91.3	6.04	7.86	15:07:13	0.65	139.0
ESC-IPE4	812500.6	821738.0	Mid Ebb	4.4	28.53	28.62	10.2	92.5	6.12	7.86	15:07:37	0.65	139.0
ESC-IPE4	812509.8	821738.2	Mid Ebb	4.4	28.59	28.50	7.5	93.7	6.20	7.86	15:08:02	1.40	325.8
ESC-IPE5	812881.2	822067.0	Mid Ebb	4.4	28.23	28.77	17.6	83.6	5.55	7.81	15:13:06	0.73	112.3
ESC-IPE5	812886.3	822070.0	Mid Ebb	4.7	28.22	28.79	18.3	82.5	5.48	7.81	15:13:35	1.03	107.3
ESC-IPE5	812891.7	822070.2	Mid Ebb	4.7	28.22	28.79	17.8	82.2	5.46	7.80	15:13:58	1.03	107.3
ESC-IPE5	812894.5	822068.7	Mid Ebb	4.6	28.22	28.78	19.2	82.2	5.46	7.80	15:14:22	0.90	195.1
ESC-IPE5	812900.1	822067.0	Mid Ebb	4.7	28.22	28.78	17.1	82.1	5.45	7.80	15:14:46	1.05	77.1
ESC-IPE5	812909.2	822064.0	Mid Ebb	4.7	28.21	28.78	17.2	82.0	5.45	7.80	15:15:10	0.45	36.7
ESC-IPE5	812919.5	822062.2	Mid Ebb	4.7	28.21	28.79	15.8	81.9	5.44	7.80	15:15:34	0.95	140.3
ESC-IPE5	812929.6	822061.1	Mid Ebb	4.7	28.21	28.80	14.4	81.7	5.43	7.80	15:15:58	0.19	45.9
MW1	823609.6	823658.6	Mid Ebb	10.5	28.41	29.74	4.4	81.7	5.38	7.85	16:29:31	0.57	61.0
MW1	823609.9	823658.0	Mid Ebb	10.4	28.43	29.67	4.0	81.7	5.38	7.83	16:29:55	0.24	124.0
MW1	823609.6	823656.5	Mid Ebb	10.4	28.42	29.68	4.2	81.5	5.37	7.82	16:30:19	0.33	4.0
MW1	823610.3	823658.1	Mid Ebb	10.4	28.40	29.73	4.5	80.9	5.33	7.82	16:30:42	1.17	28.6
MW1	823609.1	823657.5	Mid Ebb	10.3	28.41	29.70	4.3	80.9	5.33	7.81	16:31:11	0.89	43.3
MW1	823608.7	823658.6	Mid Ebb	10.3	28.41	29.67	4.3	81.0	5.34	7.81	16:31:36	0.78	78.0
MW1	823609.0	823658.8	Mid Ebb	10.3	28.44	29.58	4.0	81.5	5.37	7.81	16:32:00	0.85	116.2
MW1	823609.4	823658.4	Mid Ebb	10.3	28.45	29.55	3.7	81.7	5.38	7.81	16:32:25	1.01	65.8
MW1	823624.1	823640.4	Mid Ebb	10.6	23.87	23.54	4.1	84.0	6.19	7.87	13:26:32	0.69	8.5

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