

ROUTINE WATER QUALITY MONITORING for ESC CMP Vd													
Date: 5 May 2016													
Pos. No.	Easting	Northing	Tide	Depth (m)	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
ESC-RFE5	809418.9	824019.9	Mid Ebb	8.8	23.49	24.12	4.8	80.6	5.96	7.51	10:32:45	0.27	109.7
ESC-RFE5	809418.6	824018.9	Mid Ebb	8.6	23.52	23.96	4.5	80.8	5.98	7.69	10:33:14	0.28	140.0
ESC-RFE5	809421.6	824017.5	Mid Ebb	8.3	23.50	24.12	4.4	80.7	5.97	7.76	10:33:39	0.30	144.7
ESC-RFE5	809427.1	824014.7	Mid Ebb	8.6	23.45	24.42	5.3	80.4	5.94	7.81	10:34:08	0.56	136.6
ESC-RFE5	809425.4	824013.6	Mid Ebb	8.7	23.45	24.44	4.9	80.4	5.94	7.83	10:34:30	0.29	156.2
ESC-RFE5	809425.5	824015.0	Mid Ebb	8.5	23.49	24.18	4.1	80.6	5.96	7.85	10:34:52	0.73	99.6
ESC-RFE5	809427.8	824013.4	Mid Ebb	8.6	23.50	24.12	4.2	80.6	5.96	7.86	10:35:16	0.71	141.1
ESC-RFE5	809428.6	824009.8	Mid Ebb	8.5	23.48	24.23	4.4	80.6	5.96	7.86	10:35:39	0.60	170.7
ESC-RFE4	809174.2	823703.0	Mid Ebb	6.1	23.59	22.64	6.3	79.3	5.90	7.79	10:42:35	0.49	105.6
ESC-RFE4	809173.2	823697.1	Mid Ebb	6.2	23.56	22.78	6.9	78.6	5.85	7.86	10:42:59	0.45	104.1
ESC-RFE4	809175.2	823695.9	Mid Ebb	6.1	23.57	22.73	6.9	78.4	5.84	7.87	10:43:23	0.85	120.6
ESC-RFE4	809180.5	823695.9	Mid Ebb	6.1	23.56	22.74	7.0	78.4	5.84	7.87	10:43:47	0.49	109.5
ESC-RFE4	809181.8	823695.7	Mid Ebb	5.9	23.57	22.69	6.3	78.6	5.85	7.87	10:44:13	0.71	109.0
ESC-RFE4	809183.3	823693.7	Mid Ebb	5.8	23.56	22.83	6.7	78.5	5.84	7.87	10:44:36	0.45	107.8
ESC-RFE4	809187.3	823689.5	Mid Ebb	6.1	23.56	22.86	6.8	78.6	5.85	7.88	10:44:59	0.72	157.6
ESC-RFE4	809190.7	823687.5	Mid Ebb	6.1	23.56	22.87	6.5	78.6	5.85	7.88	10:45:23	0.70	115.8
ESC-RFE3	808954.9	823391.7	Mid Ebb	5.4	23.58	21.88	7.9	78.0	5.83	7.82	10:49:22	0.42	149.9
ESC-RFE3	808956.9	823391.7	Mid Ebb	5.6	23.57	21.94	7.7	76.9	5.75	7.85	10:49:53	0.73	122.1
ESC-RFE3	808958.0	823390.9	Mid Ebb	5.6	23.58	21.95	7.7	76.8	5.74	7.85	10:50:19	0.45	153.7
ESC-RFE3	808960.8	823387.2	Mid Ebb	5.8	23.57	21.98	7.6	76.6	5.73	7.85	10:50:41	0.59	120.8
ESC-RFE3	808962.9	823384.6	Mid Ebb	5.8	23.59	21.86	6.8	76.9	5.75	7.85	10:51:02	0.55	152.4
ESC-RFE3	808962.6	823385.3	Mid Ebb	5.0	23.68	21.78	5.4	79.8	5.96	7.88	10:51:25	0.50	158.3
ESC-RFE3	808965.4	823384.1	Mid Ebb	5.3	23.67	21.79	5.7	79.9	5.97	7.88	10:51:49	0.44	159.5
ESC-RFE3	808969.8	823380.1	Mid Ebb	6.1	23.64	21.84	6.0	79.4	5.94	7.88	10:52:13	0.85	94.1
ESC-RFE2	808732.0	823067.0	Mid Ebb	5.2	23.70	22.13	5.2	82.4	6.14	7.86	10:55:44	0.82	128.5
ESC-RFE2	808735.1	823066.7	Mid Ebb	5.4	23.65	22.29	5.5	81.2	6.05	7.90	10:56:07	0.82	128.5
ESC-RFE2	808738.8	823064.9	Mid Ebb	5.6	23.63	22.37	5.7	80.9	6.03	7.89	10:56:30	0.83	149.2
ESC-RFE2	808744.5	823061.3	Mid Ebb	4.9	23.77	21.80	4.8	81.9	6.11	7.89	10:56:59	0.53	117.2
ESC-RFE2	808749.7	823057.6	Mid Ebb	4.9	23.78	21.76	4.7	82.2	6.13	7.89	10:57:21	0.88	136.2
ESC-RFE2	808756.2	823053.8	Mid Ebb	4.9	23.79	21.71	4.7	82.2	6.13	7.89	10:57:45	0.72	117.4
ESC-RFE2	808763.3	823050.2	Mid Ebb	4.9	23.79	21.70	4.7	82.3	6.14	7.89	10:58:09	0.73	121.7
ESC-RFE2	808770.8	823045.9	Mid Ebb	5.0	23.79	21.67	4.5	82.4	6.15	7.89	10:58:33	0.85	117.9
ESC-RFE1	808532.0	822784.9	Mid Ebb	5.1	23.50	22.91	7.5	79.2	5.90	7.89	11:02:48	0.78	122.6
ESC-RFE1	808538.7	822790.3	Mid Ebb	5.2	23.54	22.67	7.3	79.3	5.91	7.89	11:03:16	0.22	219.0
ESC-RFE1	808543.8	822794.7	Mid Ebb	5.2	23.54	22.66	7.2	79.1	5.90	7.88	11:03:39	0.48	65.9
ESC-RFE1	808548.5	822798.2	Mid Ebb	5.1	23.54	22.66	6.9	79.0	5.88	7.88	11:04:00	0.58	141.9
ESC-RFE1	808552.9	822801.4	Mid Ebb	5.1	23.53	22.68	7.1	78.9	5.88	7.88	11:04:21	0.58	141.9
ESC-RFE1	808556.8	822804.0	Mid Ebb	5.1	23.54	22.63	7.4	78.9	5.88	7.88	11:04:42	0.38	217.7
ESC-RFE1	808561.3	822806.4	Mid Ebb	5.1	23.52	22.74	7.4	78.9	5.88	7.88	11:05:05	0.52	145.2
ESC-RFE1	808565.7	822808.7	Mid Ebb	5.2	23.52	22.73	7.4	79.0	5.88	7.89	11:05:27	0.65	134.4
ESC-INE1	808068.8	821061.1	Mid Ebb	4.7	23.78	23.21	4.3	88.4	6.54	7.94	11:15:25	0.33	203.6
ESC-INE1	808071.7	821066.2	Mid Ebb	4.7	23.76	23.27	4.3	88.2	6.53	7.95	11:15:50	0.40	169.5
ESC-INE1	808076.5	821063.6	Mid Ebb	4.7	23.63	24.02	4.8	87.2	6.44	7.95	11:16:12	0.03	1.9
ESC-INE1	808082.4	821062.6	Mid Ebb	4.6	23.67	23.78	4.7	87.1	6.44	7.96	11:16:36	0.29	95.2
ESC-INE1	808088.9	821062.6	Mid Ebb	4.3	23.79	23.14	4.0	88.5	6.55	7.96	11:17:00	0.39	88.7
ESC-INE1	808094.9	821064.2	Mid Ebb	4.5	23.77	23.19	4.1	88.5	6.55	7.96	11:17:24	0.13	105.1
ESC-INE1	808101.0	821067.2	Mid Ebb	4.6	23.77	23.20	4.3	88.3	6.54	7.96	11:17:48	0.20	103.0
ESC-INE1	808107.0	821071.5	Mid Ebb	4.6	23.80	23.09	4.0	88.7	6.57	7.96	11:18:12	0.32	133.1
ESC-INE2	808380.1	820770.4	Mid Ebb	4.1	23.34	25.69	7.5	85.0	6.25	7.96	11:22:36	0.42	129.9
ESC-INE2	808382.0	820779.2	Mid Ebb	3.9	23.37	25.49	7.0	85.2	6.26	7.97	11:23:04	0.36	105.6
ESC-INE2	808384.2	820786.2	Mid Ebb	3.9	23.37	25.48	6.8	85.2	6.27	7.97	11:23:26	0.30	80.2
ESC-INE2	808386.8	820792.8	Mid Ebb	3.9	23.35	25.57	7.8	84.9	6.25	7.97	11:23:50	0.14	182.9
ESC-INE2	808389.9	820798.8	Mid Ebb	3.9	23.39	25.37	6.6	85.2	6.27	7.96	11:24:12	0.39	50.7
ESC-INE2	808393.7	820804.5	Mid Ebb	3.9	23.41	25.28	6.3	85.6	6.30	7.96	11:24:36	0.53	25.9
ESC-INE2	808398.8	820810.5	Mid Ebb	3.9	23.45	25.12	5.6	86.1	6.34	7.96	11:25:01	0.17	172.9
ESC-INE2	808403.4	820814.5	Mid Ebb	4.0	23.46	25.05	5.3	86.2	6.35	7.96	11:25:23	0.22	67.7
ESC-INE4	808497.4	819729.9	Mid Ebb	4.2	23.27	26.27	8.5	83.7	6.14	7.96	11:32:39	0.20	337.6
ESC-INE4	808488.4	819735.5	Mid Ebb	4.0	23.27	26.23	8.4	83.5	6.13	7.96	11:33:08	0.37	273.7
ESC-INE4	808483.1	819739.4	Mid Ebb	4.0	23.27	26.22	8.2	83.5	6.13	7.96	11:33:31	0.26	140.9
ESC-INE4	808478.9	819744.4	Mid Ebb	4.1	23.27	26.21	7.9	83.5	6.13	7.96	11:33:56	0.26	140.9
ESC-INE4	808476.0	819748.6	Mid Ebb	4.1	23.27	26.24	8.0	83.6	6.13	7.96	11:34:19	0.15	356.1
ESC-INE4	808473.9	819751.4	Mid Ebb	4.1	23.27	26.25	8.0	83.6	6.13	7.96	11:34:43	0.15	356.1
ESC-INE4	808472.7	819755.2	Mid Ebb	4.1	23.27	26.26	7.8	83.7	6.14	7.96	11:35:07	0.15	356.1
ESC-INE4	808472.3	819760.4	Mid Ebb	4.1	23.27	26.26	8.0	83.6	6.14	7.96	11:35:32	0.42	72.9
ESC-INE3	808864.1	820305.9	Mid Ebb	3.8	23.34	25.86	7.4	85.0	6.24	7.96	11:40:02	0.11	50.0
ESC-INE3	808866.7	820311.6	Mid Ebb	3.2	23.34	25.80	6.9	85.2	6.26	7.97	11:40:28	0.18	124.9
ESC-INE3	808869.8	820315.8	Mid Ebb	3.4	23.34	25.83	7.4	85.2	6.26	7.97	11:40:49	0.23	179.8
ESC-INE3	808873.7	820320.2	Mid Ebb	3.7	23.34	25.77	7.1	85.1	6.25	7.97	11:41:10	0.49	218.0
ESC-INE3	808877.8	820324.2	Mid Ebb	3.7	23.34	25.77	7.1	85.3	6.27	7.97	11:41:31	0.12	145.3
ESC-INE3	808882.1	820328.9	Mid Ebb	3.6	23.35	25.75	6.6	85.4	6.27	7.97	11:41:54	0.19	96.7
ESC-INE3	808886.2	820334.1	Mid Ebb	3.5	23.34	25.76	6.5	85.4	6.28	7.97	11:42:16	0.27	67.0
ESC-INE3	808889.9	820340.2	Mid Ebb	3.5	23.36	25.66	6.3	85.4	6.27	7.97	11:42:37	0.27	67.0
ESC-INE5	809163.7	820799.0	Mid Ebb	3.5	23.84	23.78	11.5	85.4	6.29	7.92	11:46:24	0.79	124.1
ESC-INE5	809171.9	820801.1	Mid Ebb	3.6	23.96	23.34	6.8	85.8	6.33	7.94	11:46:53	0.79	124.1
ESC-INE5	809178.5	820803.0	Mid Ebb	3.7	23.77	23.87	7.4	85.7	6.32	7.93	11:47:15	0.24	68.9
ESC-INE5	809185.2	820804.7	Mid Ebb	3.7	23.63	24.40	12.4	85.5	6.30	7.94	11:47:37	0.48	42.0
ESC-INE5	809192.2	820806.7	Mid Ebb	3.7	23.61	24.44	9.9	85.3	6.29	7.95	11:47:59	0.48	42.0
ESC-INE5	809199.4	820808.6	Mid Ebb	3.6	23.68	24.01	5.1	86.4	6.37	7.96	11:48:21	0.48	42.0

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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	809206.5	820809.7	Mid Ebb	3.5	23.74	23.80	4.2	86.9	6.41	7.95	11:48:42	0.51	73.8
ESC-INE5	809213.0	820810.5	Mid Ebb	3.5	23.69	24.03	6.1	86.4	6.37	7.95	11:49:03	0.40	51.3
ESC-IPE1	810121.0	821680.1	Mid Ebb	4.8	23.54	23.04	7.0	80.0	5.95	7.88	11:56:06	0.83	94.6
ESC-IPE1	810127.3	821683.6	Mid Ebb	4.9	23.52	23.15	7.3	79.8	5.93	7.89	11:56:28	0.59	100.2
ESC-IPE1	810134.7	821685.8	Mid Ebb	4.7	23.64	22.30	5.7	80.1	5.97	7.89	11:56:50	0.80	95.9
ESC-IPE1	810143.9	821687.1	Mid Ebb	4.5	23.73	21.79	5.0	81.2	6.06	7.88	11:57:13	0.74	118.3
ESC-IPE1	810154.2	821688.2	Mid Ebb	4.5	23.57	22.77	6.2	80.1	5.96	7.88	11:57:35	0.73	113.3
ESC-IPE1	810166.0	821689.1	Mid Ebb	4.6	23.53	23.04	7.0	79.7	5.93	7.88	11:57:58	0.88	107.6
ESC-IPE1	810179.0	821689.7	Mid Ebb	4.6	23.53	23.05	7.1	79.6	5.92	7.89	11:58:22	0.46	135.7
ESC-IPE1	810193.2	821690.6	Mid Ebb	4.6	23.58	22.71	6.3	79.9	5.95	7.89	11:58:46	0.69	121.8
ESC-IPE2	810806.7	822138.0	Mid Ebb	4.6	23.70	22.09	8.4	81.2	6.06	7.86	12:04:18	0.50	92.0
ESC-IPE2	810812.5	822137.0	Mid Ebb	4.6	23.67	22.23	8.7	80.4	5.99	7.87	12:04:42	0.50	92.0
ESC-IPE2	810821.7	822130.6	Mid Ebb	4.6	23.66	22.25	8.9	80.2	5.98	7.87	12:05:13	0.75	109.9
ESC-IPE2	810829.2	822124.9	Mid Ebb	4.7	23.68	22.13	8.3	80.2	5.98	7.87	12:05:34	0.52	110.7
ESC-IPE2	810837.7	822119.8	Mid Ebb	4.7	23.68	22.14	9.2	80.1	5.98	7.87	12:05:55	0.52	110.7
ESC-IPE2	810847.4	822114.0	Mid Ebb	4.7	23.64	22.34	9.8	79.9	5.95	7.87	12:06:16	0.28	120.1
ESC-IPE2	810857.9	822108.4	Mid Ebb	4.7	23.63	22.40	9.9	79.8	5.94	7.87	12:06:37	0.72	126.5
ESC-IPE2	810869.3	822102.7	Mid Ebb	4.7	23.64	22.35	9.6	79.8	5.95	7.87	12:06:58	1.25	112.6
ESC-IPE3	811772.1	821916.2	Mid Ebb	3.9	23.54	22.99	23.5	79.2	5.89	7.86	12:15:09	0.87	92.5
ESC-IPE3	811793.5	821905.7	Mid Ebb	4.0	23.54	22.93	20.9	79.3	5.90	7.87	12:15:45	0.87	92.5
ESC-IPE3	811813.7	821895.5	Mid Ebb	4.0	23.54	22.96	25.6	79.1	5.89	7.86	12:16:18	0.92	90.4
ESC-IPE3	811826.6	821887.9	Mid Ebb	3.9	23.54	22.96	24.9	79.2	5.90	7.86	12:16:42	0.67	95.1
ESC-IPE3	811839.7	821879.1	Mid Ebb	3.9	23.54	23.02	22.5	79.3	5.90	7.87	12:17:13	0.73	130.3
ESC-IPE3	811848.8	821875.4	Mid Ebb	3.9	23.54	23.00	23.4	79.3	5.90	7.87	12:17:36	0.68	92.4
ESC-IPE3	811856.5	821869.8	Mid Ebb	3.9	23.54	23.00	20.8	79.4	5.91	7.87	12:17:58	0.68	92.4
ESC-IPE3	811864.9	821864.1	Mid Ebb	3.9	23.54	22.97	23.7	79.4	5.91	7.87	12:18:20	0.67	100.6
ESC-IPE3	811874.5	821858.8	Mid Ebb	3.9	23.55	22.91	19.2	79.4	5.91	7.87	12:18:42	0.56	99.7
ESC-IPE4	812397.0	821748.3	Mid Ebb	4.7	23.55	23.03	18.9	79.7	5.92	7.86	12:24:46	0.32	91.6
ESC-IPE4	812406.7	821745.5	Mid Ebb	4.7	23.54	23.10	19.9	79.6	5.91	7.87	12:25:09	0.96	81.1
ESC-IPE4	812418.4	821741.4	Mid Ebb	4.7	23.54	23.15	21.0	79.6	5.92	7.87	12:25:33	0.96	81.1
ESC-IPE4	812428.0	821738.5	Mid Ebb	4.6	23.54	23.16	20.9	79.7	5.92	7.87	12:25:57	0.96	81.1
ESC-IPE4	812432.2	821735.4	Mid Ebb	4.6	23.54	23.13	18.6	79.5	5.91	7.87	12:26:21	0.63	99.1
ESC-IPE4	812440.0	821731.2	Mid Ebb	4.7	23.54	23.10	16.7	79.5	5.91	7.87	12:26:45	0.74	107.1
ESC-IPE4	812446.5	821726.9	Mid Ebb	4.6	23.55	23.01	17.2	79.5	5.91	7.87	12:27:12	0.50	109.7
ESC-IPE4	812449.8	821722.5	Mid Ebb	4.6	23.55	23.04	20.7	79.4	5.90	7.87	12:27:34	0.50	109.7
ESC-IPE5	812862.8	822079.4	Mid Ebb	4.7	23.72	22.14	9.6	80.2	5.97	7.81	12:32:37	0.57	83.4
ESC-IPE5	812871.7	822080.9	Mid Ebb	4.5	23.83	21.38	5.8	80.2	5.99	7.83	12:33:01	0.80	92.0
ESC-IPE5	812879.1	822078.6	Mid Ebb	4.4	23.76	21.71	6.8	79.6	5.94	7.83	12:33:24	0.56	94.0
ESC-IPE5	812888.9	822075.4	Mid Ebb	4.6	23.75	21.76	7.8	79.6	5.94	7.83	12:33:47	0.71	101.9
ESC-IPE5	812898.0	822071.3	Mid Ebb	4.6	23.70	22.12	10.0	79.5	5.93	7.83	12:34:11	0.88	81.1
ESC-IPE5	812905.6	822066.7	Mid Ebb	4.5	23.76	21.73	7.6	79.6	5.94	7.84	12:34:35	0.67	77.3
ESC-IPE5	812914.5	822062.3	Mid Ebb	4.5	23.75	21.77	8.1	79.6	5.94	7.84	12:34:57	0.67	77.3
ESC-IPE5	812925.7	822057.7	Mid Ebb	4.6	23.71	22.07	9.6	79.6	5.93	7.84	12:35:20	0.63	89.6
MW1	823607.1	823650.3	Mid Ebb	10.7	23.89	23.69	3.8	84.3	6.21	7.87	13:23:31	0.54	31.0
MW1	823609.1	823662.0	Mid Ebb	10.6	23.96	23.15	3.5	84.6	6.24	7.87	13:24:09	0.36	2.5
MW1	823609.0	823661.7	Mid Ebb	10.3	23.87	23.56	3.8	84.1	6.20	7.86	13:24:41	0.31	315.1
MW1	823612.6	823658.1	Mid Ebb	10.3	23.89	23.47	3.8	84.1	6.20	7.86	13:25:02	0.31	347.8
MW1	823615.2	823653.9	Mid Ebb	10.1	23.82	23.83	4.2	83.8	6.17	7.86	13:25:24	0.07	22.3
MW1	823619.8	823650.8	Mid Ebb	10.1	23.87	23.64	4.2	84.1	6.20	7.87	13:25:46	0.60	45.1
MW1	823621.2	823644.2	Mid Ebb	9.8	23.87	23.60	4.0	84.1	6.20	7.87	13:26:08	0.53	8.2
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.