

**ROUTINE WATER QUALITY MONITORING for CMP 1**

**Date: 16 January 2014**

Pos. No.	Easting	Northing	Tide	Depth (m)	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
MW1	823603.1	823657.3	Mid Ebb	18.8	16.72	32.71	2.3	95.9	7.64	7.91	12:01:00	0.16	60.3
MW1	823604.6	823662.4	Mid Ebb	10.9	16.72	32.73	2.3	95.7	7.63	7.95	12:01:46	0.55	52.6
MW1	823612.9	823669.6	Mid Ebb	18.6	16.72	32.74	2.4	95.7	7.63	7.96	12:02:25	0.50	120.7
MW1	823624.7	823661.2	Mid Ebb	10.5	16.72	32.74	2.2	95.8	7.64	7.98	12:03:09	0.26	314.1
MW1	823619.3	823655.9	Mid Ebb	18.5	16.72	32.75	2.2	95.6	7.62	7.98	12:03:45	0.47	118.4
MW1	823609.0	823650.0	Mid Ebb	10.9	16.73	32.75	2.4	95.9	7.64	7.99	12:04:28	0.50	290.1
MW1	823600.1	823643.8	Mid Ebb	18.7	16.72	32.76	2.0	95.8	7.64	7.99	12:05:09	0.48	13.2
MW1	823595.6	823642.2	Mid Ebb	10.8	16.72	32.76	2.1	95.8	7.64	8.00	12:06:00	0.25	249.5
MW1	823592.4	823645.6	Mid Ebb	19.1	16.72	32.77	2.0	95.7	7.63	8.00	12:06:47	0.67	332.2
MW1	823589.9	823650.9	Mid Ebb	10.8	16.72	32.77	2.1	95.8	7.64	8.01	12:07:30	0.86	332.4
MW1	823586.2	823658.5	Mid Ebb	19.2	16.72	32.78	2.1	95.7	7.63	8.01	12:08:18	0.43	327.1
MW1	823583.0	823667.2	Mid Ebb	10.9	16.72	32.78	2.2	95.7	7.63	8.01	12:09:05	0.25	342.0
MW1	823581.2	823676.6	Mid Ebb	19.1	16.72	32.78	2.0	95.7	7.63	8.01	12:09:51	0.62	322.1
MW1	823579.8	823690.2	Mid Ebb	10.5	16.72	32.78	2.2	95.8	7.64	8.01	12:10:37	0.60	119.5
MW1	823576.6	823702.8	Mid Ebb	19.0	16.72	32.79	2.2	95.7	7.63	8.01	12:11:26	0.47	356.7
MW1	823575.9	823717.2	Mid Ebb	10.8	16.72	32.79	1.9	95.8	7.63	8.01	12:12:10	0.34	70.6
SB-INE1	812325.3	818967.2	Mid Ebb	2.0	16.99	32.18	8.0	104.1	8.29	8.05	14:06:59	0.16	321.0
SB-INE1	812315.0	818964.8	Mid Ebb	2.0	16.78	32.20	8.4	103.6	8.28	8.04	14:07:20	0.33	270.2
SB-INE1	812308.8	818962.6	Mid Ebb	2.0	16.67	32.17	9.1	102.8	8.23	8.04	14:07:42	0.74	118.2
SB-INE1	812306.3	818960.8	Mid Ebb	2.0	16.90	32.16	9.1	102.8	8.20	8.04	14:08:04	0.54	194.7
SB-INE1	812305.5	818959.9	Mid Ebb	2.0	16.78	32.17	9.2	103.0	8.23	8.04	14:08:26	0.54	194.7
SB-INE1	812304.7	818959.2	Mid Ebb	2.0	16.69	32.18	9.2	103.1	8.25	8.04	14:08:48	0.54	194.7
SB-INE1	812304.4	818958.6	Mid Ebb	2.0	16.61	32.18	9.0	101.7	8.15	8.03	14:09:10	0.26	240.9
SB-INE1	812303.9	818957.9	Mid Ebb	2.0	16.59	32.17	9.2	101.6	8.15	8.03	14:09:32	0.43	154.6
SB-INE2	812451.3	818850.2	Mid Ebb	2.1	16.50	32.15	7.7	101.5	8.16	8.04	14:01:04	0.34	43.2
SB-INE2	812446.5	818858.7	Mid Ebb	2.1	16.46	32.15	7.5	100.9	8.12	8.04	14:01:26	0.13	67.0
SB-INE2	812443.6	818866.1	Mid Ebb	2.0	16.49	32.15	7.7	100.9	8.11	8.04	14:01:48	0.29	5.6
SB-INE2	812442.1	818872.7	Mid Ebb	2.0	16.47	32.15	7.5	100.9	8.12	8.03	14:02:10	0.16	190.7
SB-INE2	812441.7	818878.4	Mid Ebb	2.0	16.47	32.15	7.1	100.8	8.11	8.04	14:02:32	0.24	221.2
SB-INE2	812442.0	818883.5	Mid Ebb	2.0	16.47	32.15	7.1	100.9	8.12	8.03	14:02:54	0.47	91.6
SB-INE2	812442.7	818888.2	Mid Ebb	2.0	16.47	32.15	7.1	100.6	8.09	8.03	14:03:16	0.43	237.3
SB-INE2	812443.8	818892.6	Mid Ebb	2.0	16.48	32.15	7.1	100.6	8.09	8.03	14:03:37	0.43	237.3
SB-INE3	812956.4	818335.4	Mid Ebb	2.0	16.66	32.15	7.2	103.8	8.31	8.05	13:52:59	0.59	123.6
SB-INE3	812958.9	818333.9	Mid Ebb	2.1	16.67	32.14	6.6	103.8	8.31	8.05	13:53:21	0.59	123.6
SB-INE3	812960.6	818332.4	Mid Ebb	2.0	16.74	32.13	6.6	103.7	8.30	8.05	13:53:43	0.36	105.8
SB-INE3	812962.4	818330.9	Mid Ebb	2.0	16.81	32.12	4.4	104.1	8.32	8.05	13:54:05	0.22	3.3
SB-INE3	812963.9	818329.0	Mid Ebb	2.1	16.89	32.12	4.3	104.2	8.31	8.05	13:54:27	0.27	264.5
SB-INE3	812965.4	818327.2	Mid Ebb	2.1	16.95	32.11	4.1	104.4	8.32	8.04	13:54:49	0.96	53.7
SB-INE3	812966.8	818325.8	Mid Ebb	2.1	16.99	32.10	3.9	104.3	8.31	8.04	13:55:10	0.54	269.8

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SB-INE3	812968.4	818324.5	Mid Ebb	2.0	17.02	32.09	3.8	104.3	8.30	8.04	13:55:32	0.58	228.8
SB-INE4	813248.2	818657.0	Mid Ebb	2.0	16.70	32.23	7.3	102.7	8.21	8.04	14:15:59	0.21	335.6
SB-INE4	813252.9	818656.5	Mid Ebb	2.0	16.99	32.22	7.1	103.2	8.21	8.05	14:16:21	0.72	106.0
SB-INE4	813257.4	818656.6	Mid Ebb	2.0	17.12	32.22	7.3	103.9	8.25	8.04	14:16:42	0.06	162.4
SB-INE4	813261.7	818657.2	Mid Ebb	2.0	16.91	32.24	19.3	102.9	8.20	8.04	14:17:04	0.82	21.2
SB-INE4	813265.8	818658.2	Mid Ebb	2.0	16.92	32.24	26.2	102.4	8.16	8.03	14:17:26	0.31	218.9
SB-INE4	813270.0	818659.8	Mid Ebb	2.0	16.95	32.23	28.6	102.4	8.15	8.03	14:17:48	0.26	37.6
SB-INE4	813273.7	818661.9	Mid Ebb	2.0	16.90	32.22	18.7	102.2	8.14	8.03	14:18:10	0.63	106.9
SB-INE4	813277.5	818664.0	Mid Ebb	2.0	16.82	32.24	16.5	102.3	8.16	8.04	14:18:32	0.58	155.0
SB-INE5	812574.3	817788.3	Mid Ebb	5.9	16.44	32.14	6.2	100.4	8.08	8.04	13:31:49	0.31	344.1
SB-INE5	812575.7	817785.4	Mid Ebb	3.9	16.48	32.14	8.7	100.1	8.05	8.04	13:32:15	0.36	17.7
SB-INE5	812577.7	817782.2	Mid Ebb	5.8	16.45	32.14	6.6	99.6	8.01	8.03	13:32:44	0.36	346.8
SB-INE5	812580.1	817778.8	Mid Ebb	4.1	16.46	32.14	6.2	99.6	8.01	8.03	13:33:10	0.87	154.3
SB-INE5	812582.1	817775.7	Mid Ebb	5.7	16.46	32.14	6.1	99.6	8.01	8.03	13:33:34	0.58	190.9
SB-INE5	812583.9	817773.5	Mid Ebb	4.0	16.46	32.14	6.1	99.6	8.01	8.03	13:33:57	0.58	51.9
SB-INE5	812585.6	817771.9	Mid Ebb	5.8	16.46	32.14	6.2	99.2	7.98	8.03	13:34:21	0.62	102.1
SB-INE5	812587.2	817770.5	Mid Ebb	4.2	16.46	32.14	5.9	99.4	7.99	8.03	13:34:44	0.82	128.3
SB-INE5	812589.2	817769.4	Mid Ebb	5.9	16.44	32.14	6.4	99.2	7.98	8.03	13:35:08	0.58	68.0
SB-INE5	812597.3	817767.0	Mid Ebb	4.1	16.46	32.14	5.8	99.3	7.99	8.03	13:36:08	0.21	9.8
SB-INE5	812606.6	817766.4	Mid Ebb	5.9	16.44	32.15	5.7	99.0	7.97	8.03	13:37:04	0.41	42.3
SB-INE5	812612.8	817765.9	Mid Ebb	4.1	16.48	32.15	5.5	99.3	7.98	8.03	13:37:35	0.69	73.2
SB-INE5	812620.2	817764.6	Mid Ebb	5.9	16.42	32.16	6.1	98.8	7.95	8.03	13:38:06	0.76	68.3
SB-INE5	812625.3	817764.5	Mid Ebb	4.1	16.43	32.15	7.0	98.4	7.92	8.03	13:38:30	0.50	3.0
SB-INE5	812631.7	817765.3	Mid Ebb	5.8	16.41	32.16	6.1	98.3	7.91	8.02	13:39:03	0.15	338.8
SB-INE5	812638.1	817765.6	Mid Ebb	4.1	16.48	32.14	6.1	99.2	7.98	8.03	13:39:35	0.57	5.1
SB-IPE1	814941.3	818288.7	Mid Ebb	2.4	16.87	32.42	3.4	99.4	7.92	8.03	13:01:29	0.75	144.5
SB-IPE1	814942.2	818295.0	Mid Ebb	2.4	16.91	32.43	3.3	99.3	7.91	8.03	13:01:51	0.28	215.7
SB-IPE1	814944.0	818300.5	Mid Ebb	2.4	16.90	32.43	3.2	99.1	7.89	8.03	13:02:13	1.07	108.8
SB-IPE1	814946.4	818305.6	Mid Ebb	2.4	16.88	32.42	3.4	99.0	7.89	8.03	13:02:34	0.38	259.5
SB-IPE1	814948.7	818310.6	Mid Ebb	2.4	16.85	32.41	3.6	99.0	7.89	8.03	13:02:56	0.27	148.5
SB-IPE1	814950.6	818314.3	Mid Ebb	2.4	16.78	32.43	3.6	98.9	7.89	8.03	13:03:18	0.20	109.7
SB-IPE1	814945.7	818316.5	Mid Ebb	2.3	16.83	32.40	3.6	98.9	7.89	8.03	13:03:40	0.18	118.3
SB-IPE1	814940.6	818318.5	Mid Ebb	2.4	16.75	32.42	3.6	99.0	7.91	8.03	13:04:02	0.65	167.7
SB-IPE2	815259.5	818546.7	Mid Ebb	2.5	16.83	32.47	3.1	99.7	7.95	8.04	12:52:09	0.44	78.5
SB-IPE2	815259.1	818544.3	Mid Ebb	2.5	16.74	32.52	4.0	99.1	7.91	8.03	12:52:31	0.20	5.2
SB-IPE2	815258.8	818543.0	Mid Ebb	2.5	16.69	32.53	4.1	98.8	7.90	8.04	12:52:53	0.20	5.2
SB-IPE2	815257.9	818542.6	Mid Ebb	2.5	16.62	32.55	3.9	98.8	7.91	8.04	12:53:15	0.48	166.0
SB-IPE2	815256.7	818543.1	Mid Ebb	2.5	16.61	32.55	4.0	98.8	7.91	8.04	12:53:36	0.54	127.4
SB-IPE2	815255.3	818544.0	Mid Ebb	2.5	16.65	32.53	4.0	98.8	7.90	8.04	12:53:58	0.20	112.0

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SB-IPE2	815254.3	818545.1	Mid Ebb	2.5	16.67	32.52	3.6	98.7	7.89	8.03	12:54:20	0.67	37.1
SB-IPE2	815253.6	818546.5	Mid Ebb	2.6	16.69	32.51	3.6	98.7	7.88	8.03	12:54:42	0.46	65.6
SB-IPE3	815525.2	818887.0	Mid Ebb	2.5	16.96	32.67	3.7	100.2	7.96	8.04	12:45:10	0.64	180.9
SB-IPE3	815524.0	818885.1	Mid Ebb	2.5	16.79	32.66	4.1	98.8	7.87	8.04	12:45:32	0.54	61.5
SB-IPE3	815522.5	818883.6	Mid Ebb	2.5	16.67	32.67	5.1	98.6	7.87	8.04	12:45:53	0.54	61.5
SB-IPE3	815521.1	818881.9	Mid Ebb	2.5	16.60	32.67	5.8	98.4	7.87	8.04	12:46:15	0.27	39.7
SB-IPE3	815519.9	818880.0	Mid Ebb	2.5	16.74	32.69	5.0	98.8	7.88	8.04	12:46:37	0.20	131.7
SB-IPE3	815519.3	818878.0	Mid Ebb	2.5	16.90	32.67	4.2	98.8	7.85	8.04	12:46:59	0.55	359.5
SB-IPE3	815518.8	818875.9	Mid Ebb	2.5	16.97	32.67	3.6	98.7	7.84	8.04	12:47:21	0.57	92.5
SB-IPE3	815518.1	818873.7	Mid Ebb	2.5	16.97	32.67	3.4	98.6	7.83	8.04	12:47:43	0.73	54.1
SB-IPE4	815794.2	819184.3	Mid Ebb	3.0	16.93	32.68	2.8	99.3	7.89	8.04	12:37:30	0.25	17.6
SB-IPE4	815791.1	819178.6	Mid Ebb	3.0	16.73	32.68	3.8	97.7	7.79	8.03	12:37:52	0.23	94.0
SB-IPE4	815787.7	819174.3	Mid Ebb	3.0	16.69	32.67	4.3	97.1	7.75	8.03	12:38:14	0.11	192.5
SB-IPE4	815785.9	819172.5	Mid Ebb	3.0	16.70	32.68	4.1	97.1	7.75	8.03	12:38:36	0.35	80.4
SB-IPE4	815784.6	819171.0	Mid Ebb	3.0	16.73	32.67	4.1	97.0	7.74	8.03	12:38:57	0.25	168.0
SB-IPE4	815783.3	819169.6	Mid Ebb	3.1	16.72	32.67	3.6	97.0	7.74	8.03	12:39:19	0.06	64.7
SB-IPE4	815782.4	819168.6	Mid Ebb	3.1	16.73	32.67	3.5	97.2	7.76	8.03	12:39:41	0.35	80.2
SB-IPE4	815781.9	819167.9	Mid Ebb	3.1	16.74	32.67	3.3	97.1	7.75	8.03	12:40:03	0.35	80.2
SB-IPE5	816062.4	819605.0	Mid Ebb	7.1	16.76	32.71	3.0	96.0	7.65	8.01	12:25:04	0.56	169.2
SB-IPE5	816061.5	819605.1	Mid Ebb	4.5	16.79	32.71	3.1	95.9	7.64	8.02	12:25:32	0.26	75.8
SB-IPE5	816059.2	819608.4	Mid Ebb	7.1	16.76	32.71	3.1	95.1	7.58	8.01	12:26:14	0.31	244.4
SB-IPE5	816058.5	819610.9	Mid Ebb	4.5	16.79	32.71	3.0	95.7	7.62	8.02	12:26:43	0.98	320.4
SB-IPE5	816057.6	819613.4	Mid Ebb	6.9	16.77	32.71	3.0	95.4	7.60	8.01	12:27:07	0.33	183.7
SB-IPE5	816055.3	819614.3	Mid Ebb	4.5	16.79	32.71	2.9	95.4	7.60	8.02	12:27:31	0.26	75.8
SB-IPE5	816054.2	819615.2	Mid Ebb	7.1	16.77	32.71	3.0	95.1	7.58	8.01	12:28:00	0.31	244.4
SB-IPE5	816053.0	819616.4	Mid Ebb	4.5	16.79	32.71	2.8	95.0	7.57	8.02	12:28:26	0.52	240.6
SB-IPE5	816052.5	819617.4	Mid Ebb	6.9	16.77	32.71	2.8	95.0	7.57	8.01	12:28:53	0.33	183.7
SB-IPE5	816052.3	819618.4	Mid Ebb	4.5	16.78	32.71	3.0	95.2	7.59	8.02	12:29:16	0.63	180.3
SB-IPE5	816050.3	819619.9	Mid Ebb	6.9	16.77	32.71	3.3	94.8	7.56	8.01	12:29:52	0.33	183.7
SB-IPE5	816047.2	819621.2	Mid Ebb	4.5	16.78	32.71	3.0	95.3	7.60	8.02	12:30:25	0.31	259.9
SB-IPE5	816044.7	819622.4	Mid Ebb	6.9	16.76	32.71	3.2	94.9	7.56	8.02	12:30:52	0.33	183.7
SB-IPE5	816042.0	819624.0	Mid Ebb	4.6	16.78	32.71	3.2	95.4	7.60	8.02	12:31:25	0.46	97.9
SB-IPE5	816042.4	819627.6	Mid Ebb	6.9	16.76	32.71	3.0	94.8	7.55	8.02	12:32:03	0.41	202.1
SB-IPE5	816041.4	819631.3	Mid Ebb	4.5	16.78	32.71	3.1	95.2	7.58	8.02	12:32:30	0.77	101.5
SB-RFE1	814180.7	822128.0	Mid Ebb	9.0	16.67	32.72	7.3	97.8	7.81	8.02	14:19:30	0.43	124.3
SB-RFE1	814180.3	822124.7	Mid Ebb	5.8	16.68	32.72	5.4	97.8	7.80	8.01	14:20:06	0.10	272.3
SB-RFE1	814183.3	822121.9	Mid Ebb	9.3	16.67	32.72	7.2	97.7	7.80	8.01	14:20:33	0.58	82.4
SB-RFE1	814189.9	822120.4	Mid Ebb	5.8	16.70	32.72	4.8	97.8	7.81	8.00	14:21:14	0.30	15.4
SB-RFE1	814196.4	822120.5	Mid Ebb	9.1	16.67	32.72	6.5	97.7	7.80	8.00	14:21:48	0.31	164.8

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SB-RFE1	814203.3	822121.8	Mid Ebb	5.7	16.69	32.72	4.5	97.8	7.80	8.00	14:22:17	0.35	52.6
SB-RFE1	814215.6	822124.8	Mid Ebb	9.2	16.68	32.72	5.2	97.7	7.80	8.00	14:23:02	0.51	149.7
SB-RFE1	814227.1	822129.6	Mid Ebb	5.6	16.72	32.73	4.5	97.7	7.79	8.00	14:23:49	0.28	234.4
SB-RFE1	814237.9	822132.9	Mid Ebb	9.2	16.68	32.72	5.3	97.6	7.79	8.00	14:24:32	0.19	331.4
SB-RFE1	814237.8	822121.6	Mid Ebb	5.3	16.71	32.73	4.9	97.7	7.79	8.00	14:25:11	0.37	45.3
SB-RFE1	814233.7	822121.2	Mid Ebb	9.0	16.68	32.72	7.1	97.7	7.80	8.00	14:25:44	0.75	68.5
SB-RFE1	814231.9	822124.7	Mid Ebb	5.3	16.70	32.72	5.7	97.7	7.80	8.00	14:26:09	0.37	128.0
SB-RFE1	814229.7	822128.0	Mid Ebb	9.0	16.69	32.72	6.1	97.6	7.79	8.00	14:26:36	0.30	111.5
SB-RFE1	814227.7	822128.2	Mid Ebb	5.1	16.73	32.73	5.0	97.7	7.79	8.00	14:27:04	0.67	120.5
SB-RFE1	814225.5	822129.8	Mid Ebb	9.0	16.69	32.72	6.3	97.6	7.78	8.00	14:27:32	1.11	137.2
SB-RFE1	814219.7	822129.2	Mid Ebb	5.2	16.73	32.73	5.1	97.7	7.79	8.00	14:28:28	0.34	94.2
SB-RFE2	814525.7	822459.7	Mid Ebb	11.2	16.74	32.76	4.9	96.5	7.69	8.01	14:04:38	0.37	81.4
SB-RFE2	814526.5	822456.8	Mid Ebb	6.6	16.76	32.76	2.6	96.8	7.71	8.01	14:05:21	0.65	91.3
SB-RFE2	814530.4	822454.7	Mid Ebb	11.4	16.74	32.76	5.3	95.9	7.65	8.00	14:05:55	0.30	61.3
SB-RFE2	814535.6	822453.6	Mid Ebb	6.5	16.76	32.77	2.7	96.4	7.68	8.00	14:06:27	0.26	124.1
SB-RFE2	814541.4	822452.9	Mid Ebb	11.4	16.74	32.76	4.8	96.0	7.65	8.00	14:06:57	0.38	44.5
SB-RFE2	814547.1	822452.6	Mid Ebb	6.3	16.76	32.76	2.7	96.4	7.68	8.00	14:07:29	0.68	59.9
SB-RFE2	814551.6	822455.1	Mid Ebb	11.1	16.75	32.77	4.5	96.1	7.66	8.00	14:07:58	0.76	129.4
SB-RFE2	814557.0	822454.6	Mid Ebb	6.1	16.76	32.77	3.2	96.3	7.67	8.00	14:08:28	0.74	109.4
SB-RFE2	814553.7	822450.8	Mid Ebb	11.1	16.75	32.77	4.6	96.1	7.65	8.00	14:08:58	0.44	72.6
SB-RFE2	814549.9	822452.5	Mid Ebb	6.6	16.78	32.77	2.8	96.6	7.69	8.00	14:09:41	0.20	165.7
SB-RFE2	814547.5	822455.2	Mid Ebb	11.3	16.76	32.77	4.4	96.1	7.66	8.00	14:10:17	0.55	115.1
SB-RFE2	814544.6	822456.1	Mid Ebb	6.1	16.78	32.77	2.9	96.5	7.68	8.00	14:10:49	0.68	12.3
SB-RFE2	814539.0	822460.5	Mid Ebb	11.2	16.78	32.77	3.5	96.4	7.68	8.00	14:11:35	0.54	99.2
SB-RFE2	814535.9	822466.3	Mid Ebb	6.4	16.77	32.75	2.9	97.1	7.74	8.00	14:12:09	0.38	48.9
SB-RFE2	814529.9	822470.4	Mid Ebb	11.0	16.77	32.77	3.8	96.5	7.68	8.00	14:12:50	0.26	147.1
SB-RFE2	814528.5	822468.0	Mid Ebb	6.5	16.68	32.72	3.1	97.1	7.75	8.01	14:13:32	0.60	145.4
SB-RFE3	814905.3	822762.0	Mid Ebb	25.0	16.72	32.75	6.8	95.3	7.60	8.01	13:29:22	0.82	19.5
SB-RFE3	814911.1	822761.5	Mid Ebb	13.9	16.75	32.75	4.8	95.9	7.64	8.00	13:30:19	0.25	63.0
SB-RFE3	814917.8	822757.0	Mid Ebb	25.3	16.73	32.75	7.6	95.4	7.61	8.00	13:31:10	0.16	82.1
SB-RFE3	814917.2	822750.7	Mid Ebb	13.5	16.74	32.75	6.1	95.7	7.63	8.00	13:32:02	0.46	116.3
SB-RFE3	814916.4	822740.7	Mid Ebb	24.3	16.72	32.75	7.0	95.4	7.61	8.00	13:32:45	0.29	90.2
SB-RFE3	814917.9	822721.8	Mid Ebb	13.6	16.71	32.75	5.0	95.4	7.61	8.00	13:33:40	0.62	74.0
SB-RFE3	814922.5	822712.3	Mid Ebb	24.9	16.71	32.75	8.9	95.1	7.58	8.00	13:34:22	0.23	97.7
SB-RFE3	814924.1	822696.3	Mid Ebb	13.8	16.71	32.74	3.1	95.6	7.63	8.00	13:35:20	0.54	219.1
SB-RFE3	814983.0	822854.5	Mid Ebb	24.7	16.72	32.75	6.2	95.4	7.61	8.00	13:41:53	0.54	106.4
SB-RFE3	814919.8	822771.2	Mid Ebb	13.4	16.81	32.75	4.6	97.0	7.72	7.99	13:47:18	0.80	109.8
SB-RFE3	814918.6	822764.8	Mid Ebb	24.6	16.73	32.75	7.1	95.6	7.62	7.99	13:48:03	0.73	98.8
SB-RFE3	814924.2	822763.3	Mid Ebb	13.5	16.78	32.75	4.0	96.1	7.66	7.99	13:48:56	0.59	58.4

**ROUTINE WATER QUALITY MONITORING for CMP 1**

**Date: 16 January 2014**

Pos. No.	Easting	Northing	Tide	Depth (m)	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
SB-RFE3	814933.2	822765.4	Mid Ebb	25.3	16.72	32.75	13.4	95.4	7.61	7.99	13:49:41	0.51	35.0
SB-RFE3	814946.2	822769.5	Mid Ebb	13.8	16.73	32.75	6.4	95.7	7.62	7.99	13:50:40	1.91	91.0
SB-RFE3	814958.0	822755.3	Mid Ebb	25.0	16.74	32.75	28.7	95.6	7.62	7.99	13:54:28	0.78	100.4
SB-RFE3	814946.4	822753.3	Mid Ebb	13.7	16.78	32.75	9.3	96.2	7.66	8.00	13:56:14	0.55	106.6
SB-RFE4	815358.2	823033.1	Mid Ebb	31.7	16.76	32.82	2.7	95.9	7.64	8.02	13:07:39	0.57	206.1
SB-RFE4	815364.0	823031.0	Mid Ebb	16.6	16.78	32.81	1.9	95.7	7.62	8.02	13:08:51	0.34	146.8
SB-RFE4	815360.9	823027.2	Mid Ebb	31.7	16.76	32.82	2.5	95.7	7.62	8.02	13:09:41	0.07	131.5
SB-RFE4	815358.1	823033.9	Mid Ebb	16.5	16.77	32.80	2.4	95.4	7.60	8.00	13:10:43	0.22	133.7
SB-RFE4	815357.9	823039.4	Mid Ebb	31.7	16.77	32.82	2.3	95.7	7.62	8.01	13:11:36	0.07	131.5
SB-RFE4	815356.0	823036.9	Mid Ebb	17.2	16.77	32.81	2.2	95.5	7.60	8.01	13:12:33	0.38	25.1
SB-RFE4	815357.6	823035.3	Mid Ebb	32.0	16.77	32.82	2.3	95.5	7.61	8.01	13:13:15	0.83	126.6
SB-RFE4	815361.8	823036.1	Mid Ebb	17.5	16.77	32.81	2.1	95.2	7.58	8.00	13:14:14	0.34	49.7
SB-RFE4	815363.0	823032.3	Mid Ebb	32.2	16.77	32.82	2.3	95.6	7.61	8.01	13:15:01	0.83	126.6
SB-RFE4	815362.2	823035.2	Mid Ebb	17.1	16.77	32.81	2.3	95.4	7.60	8.01	13:16:06	0.27	145.4
SB-RFE4	815363.4	823038.4	Mid Ebb	31.9	16.77	32.82	2.5	95.4	7.60	8.01	13:16:52	0.83	126.6
SB-RFE4	815369.6	823041.4	Mid Ebb	17.5	16.76	32.81	2.2	95.3	7.59	8.00	13:17:47	0.78	75.2
SB-RFE4	815376.7	823047.0	Mid Ebb	32.1	16.77	32.82	2.2	95.4	7.60	8.01	13:18:33	0.83	126.6
SB-RFE4	815387.7	823056.0	Mid Ebb	17.3	16.76	32.81	2.2	95.2	7.58	8.00	13:19:36	0.42	60.9
SB-RFE4	815394.5	823063.4	Mid Ebb	32.1	16.77	32.82	2.1	95.2	7.58	8.00	13:20:21	0.83	126.6
SB-RFE4	815407.2	823076.3	Mid Ebb	17.5	16.77	32.80	2.3	95.3	7.58	8.00	13:21:30	0.59	61.7
SB-RFE5	815852.3	823219.9	Mid Ebb	18.8	16.75	32.78	3.9	97.1	7.74	8.04	12:48:38	0.44	205.4
SB-RFE5	815848.4	823221.1	Mid Ebb	10.7	16.75	32.77	4.1	96.7	7.70	8.03	12:49:23	0.93	10.9
SB-RFE5	815851.6	823219.8	Mid Ebb	19.4	16.74	32.79	4.1	96.5	7.69	8.03	12:49:58	0.34	259.3
SB-RFE5	815857.9	823212.9	Mid Ebb	10.6	16.76	32.77	3.9	96.6	7.70	8.02	12:50:42	0.48	149.1
SB-RFE5	815862.1	823210.3	Mid Ebb	19.0	16.75	32.78	4.0	96.4	7.68	8.03	12:51:15	0.21	73.3
SB-RFE5	815866.1	823207.8	Mid Ebb	10.7	16.74	32.78	3.9	96.4	7.68	8.02	12:52:02	0.70	353.1
SB-RFE5	815859.8	823214.5	Mid Ebb	19.1	16.74	32.80	3.9	96.4	7.68	8.03	12:52:47	0.52	8.6
SB-RFE5	815857.6	823219.2	Mid Ebb	10.6	16.74	32.78	4.1	96.4	7.68	8.02	12:53:32	0.49	158.0
SB-RFE5	815858.5	823220.0	Mid Ebb	19.2	16.75	32.79	3.9	96.4	7.68	8.02	12:54:13	0.01	263.7
SB-RFE5	815872.8	823214.8	Mid Ebb	10.5	16.75	32.77	4.5	96.4	7.68	8.02	12:55:05	0.24	195.1
SB-RFE5	815877.0	823215.5	Mid Ebb	19.0	16.73	32.80	5.6	96.2	7.67	8.02	12:55:50	0.40	55.4
SB-RFE5	815879.5	823214.5	Mid Ebb	10.7	16.73	32.78	5.6	96.2	7.67	8.02	12:56:37	0.57	98.4
SB-RFE5	815882.9	823211.2	Mid Ebb	19.1	16.73	32.80	5.2	96.2	7.67	8.02	12:57:13	0.05	318.3
SB-RFE5	815886.5	823206.6	Mid Ebb	10.7	16.73	32.78	5.7	96.2	7.67	8.02	12:58:00	0.22	110.6
SB-RFE5	815890.2	823203.2	Mid Ebb	19.0	16.73	32.79	4.9	96.1	7.66	8.02	12:58:54	0.09	158.9
SB-RFE5	815893.1	823200.5	Mid Ebb	10.6	16.73	32.78	5.1	96.2	7.67	8.02	12:59:37	0.05	56.3
THB1	814525.0	817926.7	Mid Ebb	2.6	16.65	32.10	4.3	100.7	8.07	8.03	13:12:09	0.31	336.9
THB1	814526.7	817926.3	Mid Ebb	2.6	16.55	32.09	4.6	100.2	8.05	8.03	13:12:30	0.27	37.8
THB1	814528.5	817926.7	Mid Ebb	2.6	16.55	32.08	5.0	100.2	8.05	8.03	13:12:52	0.62	103.5

**ROUTINE WATER QUALITY MONITORING for CMP 1**

Date: 16 January 2014

Pos. No.	Easting	Northing	Tide	Depth (m)	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
THB1	814530.4	817927.6	Mid Ebb	2.4	16.63	32.10	4.5	100.4	8.05	8.03	13:13:14	0.25	257.7
THB1	814531.8	817929.3	Mid Ebb	2.4	16.62	32.09	4.4	100.4	8.06	8.03	13:13:35	0.14	100.1
THB1	814533.0	817931.9	Mid Ebb	2.4	16.63	32.10	4.4	100.4	8.05	8.03	13:13:57	1.34	140.0
THB1	814533.8	817934.8	Mid Ebb	2.4	16.72	32.10	4.2	100.2	8.02	8.03	13:14:19	0.23	294.1
THB1	814534.5	817937.2	Mid Ebb	2.4	16.73	32.09	3.9	100.1	8.01	8.03	13:14:41	0.40	116.2
THB2	815872.2	818041.7	Mid Ebb	1.4	16.75	32.09	4.0	98.4	7.87	7.99	13:09:44	0.03	40
THB2	815872.0	818041.4	Mid Ebb	1.4	16.76	32.09	3.9	98.1	7.84	8.00	13:10:07	0.03	40
THB2	815872.2	818041.8	Mid Ebb	1.4	16.83	32.05	3.8	98.0	7.83	8.00	13:10:28	0.03	40
THB2	815872.4	818041.8	Mid Ebb	1.4	16.95	31.99	3.6	98.3	7.84	8.00	13:10:50	0.03	40
THB2	815872.9	818042.0	Mid Ebb	1.4	16.77	32.07	3.9	98.0	7.84	8.00	13:11:11	0.03	40
THB2	815873.4	818042.0	Mid Ebb	1.4	16.69	32.12	4.1	97.6	7.81	8.01	13:11:33	0.03	40
THB2	815873.4	818042.4	Mid Ebb	1.4	16.69	32.12	4.1	97.4	7.80	8.01	13:11:55	0.03	40
THB2	815871.7	818041.5	Mid Ebb	1.4	16.70	32.12	4.5	97.3	7.79	8.01	13:12:16	0.03	40
WSR45C	817413.2	820211.7	Mid Ebb	13.1	16.71	32.77	4.1	101.7	8.11	7.99	12:08:59	0.46	60.4
WSR45C	817411.6	820215.6	Mid Ebb	7.5	16.62	32.69	4.4	95.5	7.63	7.99	12:09:33	0.50	345.6
WSR45C	817410.6	820221.0	Mid Ebb	12.9	16.71	32.77	2.9	95.0	7.58	8.00	12:10:05	0.46	60.4
WSR45C	817410.2	820227.1	Mid Ebb	7.4	16.65	32.71	3.9	95.0	7.59	7.99	12:10:36	0.26	118.4
WSR45C	817410.3	820233.7	Mid Ebb	12.9	16.72	32.78	3.0	94.6	7.54	8.00	12:11:08	0.46	60.4
WSR45C	817411.2	820239.5	Mid Ebb	7.4	16.65	32.70	4.1	94.8	7.57	8.00	12:11:38	0.95	70.9
WSR45C	817411.8	820244.4	Mid Ebb	13.0	16.72	32.78	3.7	94.5	7.53	8.01	12:12:08	0.46	60.4
WSR45C	817412.7	820249.6	Mid Ebb	7.5	16.64	32.70	4.0	94.7	7.57	8.00	12:12:36	0.52	329.9
WSR45C	817410.4	820254.1	Mid Ebb	13.1	16.72	32.78	3.2	94.5	7.54	8.01	12:13:10	0.32	148.3
WSR45C	817409.3	820256.3	Mid Ebb	7.5	16.64	32.70	2.9	94.6	7.56	8.00	12:13:40	0.35	23.7
WSR45C	817404.4	820255.8	Mid Ebb	12.9	16.72	32.78	2.3	94.4	7.53	8.01	12:14:13	0.03	101.8
WSR45C	817400.5	820254.9	Mid Ebb	7.5	16.64	32.71	4.2	94.6	7.56	8.01	12:14:50	0.82	137.7
WSR45C	817397.8	820251.8	Mid Ebb	13.0	16.72	32.78	2.6	94.5	7.54	8.02	12:15:20	0.54	28.1
WSR45C	817396.2	820252.2	Mid Ebb	7.6	16.64	32.70	3.8	94.6	7.56	8.01	12:15:48	0.26	58.3
WSR45C	817394.3	820255.0	Mid Ebb	12.8	16.72	32.78	2.9	94.6	7.54	8.02	12:16:15	0.35	277.2
WSR45C	817392.1	820258.2	Mid Ebb	7.4	16.63	32.69	4.8	94.7	7.57	8.01	12:16:47	0.31	161.3
WSR46	813882.8	820962.3	Mid Ebb	9.0	16.48	32.74	5.5	98.1	7.86	8.02	14:36:20	0.49	82.9
WSR46	813885.9	820960.0	Mid Ebb	5.8	16.50	32.74	5.3	98.0	7.84	8.01	14:36:45	0.60	80.1
WSR46	813889.5	820957.9	Mid Ebb	9.0	16.48	32.74	5.5	97.8	7.83	8.01	14:37:13	0.49	82.9
WSR46	813884.5	820955.9	Mid Ebb	5.5	16.49	32.74	5.5	97.9	7.84	8.01	14:38:01	0.54	183.8
WSR46	813880.6	820961.5	Mid Ebb	8.9	16.48	32.74	5.5	97.7	7.83	8.01	14:38:29	0.25	156.7
WSR46	813876.1	820966.8	Mid Ebb	5.5	16.48	32.74	5.2	97.9	7.84	8.01	14:39:09	0.57	86.2
WSR46	813871.0	820971.4	Mid Ebb	8.9	16.48	32.74	5.5	97.7	7.83	8.01	14:39:39	0.22	48.3
WSR46	813868.3	820975.6	Mid Ebb	5.6	16.48	32.74	5.2	98.1	7.86	8.01	14:40:20	0.47	143.0
WSR46	813865.7	820981.7	Mid Ebb	9.0	16.48	32.74	5.6	97.8	7.83	8.01	14:40:55	0.33	9.0
WSR46	813869.1	820982.4	Mid Ebb	5.5	16.52	32.73	5.2	98.3	7.87	8.01	14:41:22	0.53	142.5

**ROUTINE WATER QUALITY MONITORING for CMP 1****Date: 16 January 2014**

Pos. No.	Easting	Northing	Tide	Depth (m)	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
WSR46	813868.0	820984.1	Mid Ebb	9.3	16.48	32.74	5.9	97.9	7.84	8.01	14:41:57	0.30	164.9
WSR46	813866.4	820985.2	Mid Ebb	5.6	16.55	32.73	4.7	98.7	7.90	8.01	14:42:33	0.46	108.7
WSR46	813865.3	820984.9	Mid Ebb	8.9	16.48	32.74	5.8	98.0	7.85	8.01	14:43:04	0.81	159.9
WSR46	813864.2	820983.2	Mid Ebb	5.5	16.51	32.73	5.1	98.6	7.90	8.01	14:43:44	0.62	40.1
WSR46	813863.6	820981.5	Mid Ebb	9.1	16.47	32.74	5.6	98.1	7.86	8.01	14:44:13	0.11	136.1
WSR46	813863.4	820979.6	Mid Ebb	5.9	16.48	32.74	5.8	97.9	7.84	8.01	14:44:37	0.22	135.9

Note: SB-INE/INF - Intermediate stations; SB-IPE/IPF - Impact stations; SB-RFE/RFF - Reference stations; MW - Ma Wan station; THB1/2 - Tai Ho Bai stations; WSR45C - Sham Shui Kok station; WSR46 - Tai Mo To station.