

Table C1 Summary Table of DO, Turbidity and SS Levels Recorded in October 2013

Sampling Date	Tidal Period	Station	Average DO Levels (mg/L)		Average Turbidity Level (NTU)	Average SS Level (mg/L)
			Bottom	Surface and Mid Depth		
2013/10/2	Mid-Ebb	DS1	6.02	6.24	12.10	6.83
		DS2	5.37	6.05	12.68	23.78
		DS3	5.64	6.11	11.33	12.11
		DS4	5.65	6.00	13.04	12.89
		DS5	5.73	6.03	11.40	12.33
		US1	5.96	6.19	27.75	33.50
		US2	5.71	6.08	26.57	26.11
		MW1	5.42	5.44	6.83	9.11
		THB1	6.02	6.36	7.66	7.83
		THB2	-	5.59	10.21	8.67
		WSR45C	5.48	6.01	8.45	9.11
	WSR46	6.08	6.36	16.25	19.67	
	Mid-Flood	DS1	7.00	7.24	8.87	12.17
		DS2	6.71	7.17	19.55	24.67
		DS3	6.88	7.09	16.03	18.17
		DS4	7.50	7.75	9.67	11.00
		DS5	7.57	7.75	7.82	10.50
		US1	6.02	6.43	21.28	27.78
		US2	5.75	6.48	15.72	17.33
		MW1	5.46	5.58	11.90	11.56
		THB1	8.02	7.98	6.01	7.50
		THB2	-	7.78	14.72	8.67
WSR45C		5.74	6.48	10.43	12.11	
WSR46	5.92	6.25	13.18	14.11		
2013/10/04	Mid-Ebb	DS1	6.07	6.23	14.63	11.83
		DS2	6.00	6.26	15.08	17.00
		DS3	5.58	6.17	12.57	11.11
		DS4	5.59	6.08	11.02	10.89
		DS5	5.65	6.09	9.64	9.22
		US1	6.58	6.99	11.70	11.50
		US2	6.62	7.30	10.90	8.83
		MW1	5.41	5.47	8.21	7.78
		THB1	6.71	7.07	7.61	11.50
		THB2	-	6.62	12.68	6.00
		WSR45C	5.54	5.99	9.04	7.67
	WSR46	5.97	6.05	63.37	27.33	
	Mid-Flood	DS1	6.95	7.02	13.55	13.67
		DS2	6.88	6.90	19.62	22.50
		DS3	7.01	6.99	25.70	25.33
		DS4	6.95	6.97	14.02	12.50
		DS5	6.90	6.96	10.70	8.89
		US1	6.06	6.11	22.88	16.50
		US2	5.91	5.91	19.41	18.00
		MW1	6.62	6.69	42.93	9.78
		THB1	7.30	7.34	12.68	11.50
		THB2	-	6.58	25.33	3.67
WSR45C		5.91	6.28	17.98	13.56	
WSR46	6.16	6.27	16.20	12.22		

Sampling Date	Tidal Period	Station	Average DO Levels (mg/L)		Average Turbidity Level (NTU)	Average SS Level (mg/L)
			Bottom	Surface and Mid Depth		
2013/10/07	Mid-Ebb	DS1	6.40	6.40	67.72	46.83
		DS2	6.34	6.35	34.32	21.33
		DS3	6.29	6.30	38.51	25.11
		DS4	6.22	6.26	38.79	22.78
		DS5	5.99	6.18	38.96	22.89
		US1	6.66	6.67	19.47	11.50
		US2	6.63	6.62	20.52	10.50
		MW1	5.79	5.85	6.47	5.56
		THB1	6.73	6.75	10.81	13.17
		THB2	-	6.53	9.42	13.67
		WSR45C	5.73	6.11	9.08	13.44
		WSR46	6.00	6.15	10.04	9.89
	Mid-Flood	DS1	6.27	6.26	75.93	59.50
		DS2	6.28	6.26	35.05	24.17
		DS3	6.29	6.28	29.02	23.50
		DS4	6.23	6.21	18.92	11.33
		DS5	6.27	6.30	15.32	10.33
		US1	6.14	6.13	36.79	23.83
		US2	6.17	6.12	36.17	22.17
		MW1	5.45	5.56	11.37	12.00
		THB1	6.19	6.20	13.46	15.67
		THB2	-	5.75	17.86	9.33
		WSR45C	5.66	5.83	12.96	13.89
		WSR46	5.91	5.96	22.62	26.11
2013/10/10	Mid-Ebb	DS1	5.81	5.94	30.90	15.17
		DS2	5.92	6.07	11.82	6.33
		DS3	5.55	5.81	13.81	7.56
		DS4	5.49	5.69	13.84	8.44
		DS5	5.54	5.83	14.57	7.67
		US1	6.08	6.22	17.16	6.83
		US2	6.23	6.36	14.33	7.50
		MW1	5.62	5.69	5.26	5.33
		THB1	6.04	6.28	7.71	6.33
		THB2	-	6.13	7.61	7.33
		WSR45C	5.56	5.82	6.59	7.44
		WSR46	5.72	5.97	7.62	9.67
	Mid-Flood	DS1	5.99	5.99	65.10	48.83
		DS2	6.03	6.03	28.80	17.50
		DS3	6.07	6.07	22.82	16.50
		DS4	6.15	6.14	19.84	12.00
		DS5	6.07	6.12	19.04	12.83
		US1	5.97	5.97	20.09	12.17
		US2	5.94	5.94	18.71	10.33
		MW1	5.55	5.62	10.31	12.00
		THB1	5.90	5.93	11.25	12.67
		THB2	-	5.05	13.61	12.67
		WSR45C	5.73	5.83	11.18	14.44
		WSR46	5.94	5.99	15.14	18.11
2013/10/12	Mid-Ebb	DS1	5.97	6.25	7.96	6.17
		DS2	6.19	6.21	8.23	5.50
		DS3	6.06	6.09	7.94	5.78

Sampling Date	Tidal Period	Station	Average DO Levels (mg/L)		Average Turbidity Level (NTU)	Average SS Level (mg/L)
			Bottom	Surface and Mid Depth		
		DS4	5.58	5.90	9.68	8.11
		DS5	5.49	5.78	9.44	7.89
		US1	6.43	6.49	12.78	8.00
		US2	6.48	6.50	18.52	14.00
		MW1	5.45	5.52	3.84	4.78
		THB1	6.45	6.65	5.74	6.67
		THB2	-	7.02	6.48	7.00
		WSR45C	5.37	5.55	4.83	6.56
		WSR46	5.56	6.03	6.91	7.56
	Mid-Flood	DS1	6.44	6.41	7.16	4.50
		DS2	6.61	6.58	8.83	6.50
		DS3	6.66	6.66	9.93	6.33
		DS4	6.66	6.76	10.83	7.67
		DS5	6.39	6.65	12.58	7.33
		US1	6.20	6.52	10.15	5.83
		US2	5.99	6.37	9.66	5.50
		MW1	5.50	5.65	5.09	6.78
		THB1	6.43	6.50	4.10	7.17
		THB2	-	5.46	10.48	7.33
		WSR45C	5.53	5.88	5.51	8.11
		WSR46	5.79	6.10	10.54	9.44
2013/10/14	Mid-Ebb	DS1	6.05	6.05	6.98	4.33
		DS2	6.06	6.05	5.81	4.67
		DS3	5.98	5.99	5.71	2.78
		DS4	5.84	5.97	5.49	3.89
		DS5	5.75	5.96	5.82	3.22
		US1	6.56	6.56	8.00	5.83
		US2	6.62	6.61	12.08	6.00
		MW1	5.49	5.54	3.61	4.00
		THB1	6.43	6.44	6.18	5.33
		THB2	-	6.35	3.61	5.33
		WSR45C	5.32	5.83	4.90	4.89
		WSR46	5.54	5.88	11.64	11.56
	Mid-Flood	DS1	7.14	7.14	11.26	5.67
		DS2	7.40	7.41	9.88	4.67
		DS3	7.36	7.39	10.18	6.33
		DS4	7.30	7.34	13.23	6.67
		DS5	6.90	7.01	13.13	8.33
		US1	6.74	6.78	4.78	3.17
		US2	6.36	6.57	7.46	3.17
		MW1	5.57	5.75	5.82	4.78
		THB1	6.78	6.82	9.96	9.17
		THB2	-	6.66	6.95	3.67
		WSR45C	5.96	6.46	4.23	4.33
		WSR46	6.00	6.24	8.40	8.22
2013/10/16	Mid-Ebb	DS1	6.44	6.44	7.35	6.00
		DS2	6.48	6.50	7.29	4.56
		DS3	6.43	6.48	6.29	5.22
		DS4	6.47	6.51	6.78	4.33
		DS5	6.35	6.55	6.36	5.11
		US1	6.49	6.53	12.52	8.83

Sampling Date	Tidal Period	Station	Average DO Levels (mg/L)		Average Turbidity Level (NTU)	Average SS Level (mg/L)
			Bottom	Surface and Mid Depth		
		US2	6.85	6.86	12.06	7.17
		MW1	5.50	5.61	4.77	6.44
		THB1	6.67	6.71	7.63	10.00
		THB2	-	6.56	7.86	9.33
		WSR45C	5.63	6.43	3.86	5.56
		WSR46	5.84	6.36	10.23	13.44
	Mid-Flood	DS1	6.79	6.78	15.17	8.67
		DS2	7.16	7.14	12.50	6.83
		DS3	7.44	7.44	21.02	11.67
		DS4	7.51	7.52	17.56	12.17
		DS5	7.29	7.29	23.52	14.50
		US1	6.76	6.75	16.66	10.50
		US2	6.36	6.54	16.19	9.50
		MW1	5.53	5.72	10.29	11.56
		THB1	6.56	6.55	12.65	12.67
		THB2	-	7.12	15.15	6.67
		WSR45C	5.67	6.07	8.03	8.67
		WSR46	6.42	6.68	7.25	6.89
2013/10/18	Mid-Ebb	DS1	6.23	6.58	18.74	24.00
		DS2	6.35	6.60	9.72	13.11
		DS3	5.98	6.40	9.16	15.56
		DS4	5.99	6.40	9.10	11.44
		DS5	5.90	6.42	8.29	10.89
		US1	6.51	6.96	7.38	12.00
		US2	6.86	7.07	6.03	9.00
		MW1	5.69	5.77	7.73	8.11
		THB1	6.91	7.04	11.40	35.50
		THB2	-	6.26	11.38	8.67
		WSR45C	5.74	6.19	10.01	11.78
		WSR46	6.21	6.54	10.98	12.33
	Mid-Flood	DS1	7.28	7.28	12.08	17.50
		DS2	7.23	7.20	11.93	14.00
		DS3	7.25	7.25	13.38	15.33
		DS4	7.15	7.17	8.25	8.67
		DS5	7.00	7.00	9.71	12.00
		US1	6.99	7.05	10.64	12.50
		US2	6.66	6.65	12.49	16.50
		MW1	5.69	5.75	12.76	13.56
		THB1	7.00	7.03	8.03	11.00
		THB2	-	6.48	9.78	6.00
		WSR45C	6.00	6.52	13.41	16.11
		WSR46	6.31	6.49	14.52	19.56
2013/10/21	Mid-Ebb	DS1	6.58	6.79	8.14	13.00
		DS2	6.43	6.60	10.08	13.22
		DS3	6.24	6.68	7.61	13.89
		DS4	5.91	6.37	10.40	16.11
		DS5	5.91	6.29	9.83	17.11
		US1	7.15	7.39	15.87	25.67
		US2	7.06	7.33	9.40	14.00
		MW1	5.78	5.91	6.46	10.00
		THB1	6.77	6.88	7.13	10.33

Sampling Date	Tidal Period	Station	Average DO Levels (mg/L)		Average Turbidity Level (NTU)	Average SS Level (mg/L)
			Bottom	Surface and Mid Depth		
		THB2	-	7.09	9.85	10.33
		WSR45C	5.76	6.12	8.70	11.78
		WSR46	6.01	6.36	9.07	11.11
	Mid-Flood	DS1	6.71	6.71	22.10	30.00
		DS2	6.71	6.71	12.49	17.00
		DS3	6.71	6.71	11.42	14.17
		DS4	6.62	6.63	14.44	20.50
		DS5	6.61	6.63	9.87	12.89
		US1	6.42	6.41	19.02	27.17
		US2	6.34	6.34	15.19	21.00
		MW1	6.00	6.11	8.90	10.00
		THB1	6.63	6.65	17.81	20.33
		THB2	-	5.96	13.65	4.67
		WSR45C	6.32	6.35	18.34	19.33
		WSR46	6.44	6.46	16.97	18.67
2013/10/23	Mid-Ebb	DS1	6.55	6.58	11.36	15.83
		DS2	6.33	6.45	18.01	20.17
		DS3	6.18	6.34	8.81	10.67
		DS4	5.73	6.33	10.00	14.56
		DS5	5.97	6.38	8.34	12.56
		US1	6.86	7.10	10.65	13.83
		US2	7.06	7.09	12.46	12.00
		MW1	5.75	5.80	6.69	12.89
		THB1	6.85	6.89	7.28	18.00
		THB2	-	7.14	10.15	11.00
		WSR45C	5.73	6.10	8.29	11.11
		WSR46	6.15	6.32	10.38	18.33
	Mid-Flood	DS1	6.45	6.45	33.69	43.00
		DS2	6.57	6.58	17.01	24.83
		DS3	6.53	6.53	20.30	24.17
		DS4	6.45	6.48	17.02	27.67
		DS5	6.41	6.51	12.86	20.50
		US1	6.31	6.29	13.54	19.00
		US2	6.19	6.20	14.20	22.67
		MW1	5.71	5.85	8.19	16.00
		THB1	6.37	6.38	14.97	21.50
		THB2	-	5.94	15.66	13.67
		WSR45C	5.96	6.08	12.35	16.78
		WSR46	6.18	6.21	18.90	24.33
2013/10/25	Mid-Ebb	DS1	6.39	6.42	9.02	12.83
		DS2	6.38	6.44	7.37	6.89
		DS3	6.51	6.50	6.05	5.67
		DS4	5.73	6.04	6.79	6.89
		DS5	5.78	6.04	7.35	8.11
		US1	6.72	6.70	7.75	7.33
		US2	6.76	6.75	10.91	11.00
		MW1	5.66	5.71	5.69	5.22
		THB1	6.71	6.72	8.95	8.50
		THB2	-	6.68	14.15	7.00
		WSR45C	5.68	6.15	5.96	6.00
		WSR46	6.01	6.44	7.12	6.11

Sampling Date	Tidal Period	Station	Average DO Levels (mg/L)		Average Turbidity Level (NTU)	Average SS Level (mg/L)		
			Bottom	Surface and Mid Depth				
	Mid-Flood	DS1	6.33	6.36	50.54	66.17		
		DS2	6.52	6.57	24.32	28.50		
		DS3	6.75	6.79	18.08	22.83		
		DS4	6.77	6.79	14.86	15.00		
		DS5	6.54	6.62	13.01	13.56		
		US1	6.22	6.23	8.60	9.17		
		US2	6.02	6.06	9.40	10.00		
		MW1	5.67	5.71	6.04	6.00		
		THB1	6.53	6.56	10.36	9.50		
		THB2	-	6.34	14.21	6.67		
		WSR45C	5.88	6.17	9.27	9.11		
		WSR46	6.32	6.33	10.42	8.67		
		2013/10/28	Mid-Ebb	DS1	6.56	6.64	10.17	17.67
				DS2	6.38	6.59	5.04	7.89
DS3	6.01			6.55	5.62	7.44		
DS4	5.81			6.28	4.78	4.11		
DS5	5.90			6.24	4.58	5.78		
US1	6.90			6.93	7.55	9.17		
US2	7.19			7.40	6.21	20.00		
MW1	5.59			5.62	2.13	2.78		
THB1	6.50			6.60	7.75	11.83		
THB2	-			6.33	5.21	4.67		
WSR45C	5.86			6.01	4.18	5.33		
WSR46	6.48			6.26	4.82	7.00		
Mid-Flood	DS1			6.89	6.99	49.47	73.83	
	DS2			7.26	7.32	16.29	21.00	
	DS3		7.76	7.80	12.40	21.67		
	DS4		8.16	8.37	11.50	17.83		
	DS5		8.12	8.40	7.55	14.89		
	US1		6.94	7.00	5.26	9.17		
	US2		6.66	6.76	5.40	8.44		
	MW1		5.82	5.89	4.17	6.56		
	THB1		7.26	7.39	13.87	20.83		
	THB2		-	6.77	11.55	15.67		
	WSR45C	6.16	6.57	7.30	15.33			
	WSR46	7.07	7.29	5.90	10.67			

Notes:

1. Please refer to Table B2 below for the Action and Limit Levels for dredging activities.
2. Cell shaded yellow indicated value exceeding the Action Level criteria.
3. Cell shaded red indicated value exceeding the Limit Level criteria.
4. Only mid-depth water was sampled at Station THB2 because water depth was less than 3m.
5. Samplings during mid-ebb tide of 3 August 2013 and both mid-ebb and mid-flood tides of 1 and 14 August 2013 were not carried out due to adverse weather.
6. Sampling at THB2 was cancelled at mid-ebb tide due to adverse weather condition on 30 August 2013.

Table C2 Action and Limit Levels of Water Quality for Dredging, Backfilling and Capping Activities

Parameter	Action Level	Limit Level
Dissolved Oxygen (DO) ⁽¹⁾	<u>Surface and Mid-depth</u> ⁽²⁾ The average of the impact, WSR 45C and WSR 46 station readings are < 5%-ile of baseline data for surface and middle layer = 4.32 mg L⁻¹ and Significantly less than the reference stations mean DO (at the same tide of the same day)	<u>Surface and Mid-depth</u> ⁽²⁾ The average of the impact, WSR 45C and WSR 46 station readings are < 4 mg L⁻¹ and Significantly less than the reference stations mean DO (at the same tide of the same day)
	<u>Bottom</u> The average of the impact, WSR 45C and WSR 46 station readings are < 5%-ile of baseline data for bottom layers = 3.12 mg L⁻¹ and Significantly less than the reference stations mean DO (at the same tide of the same day)	<u>Bottom</u> The average of the impact station, WSR 45C and WSR 46 readings are < 2 mg L⁻¹ and Significantly less than the reference stations mean DO (at the same tide of the same day)
Depth-averaged Suspended Solids (SS) ^{(3) (4)}	The average of the impact, WSR 45C and WSR 46 station readings are > 95%-ile of baseline data for depth average = 21.60 mg L⁻¹ and 120% of control station's SS at the same tide of the same day	The average of the impact, WSR 45C and WSR 46 station readings are > 99%-ile of baseline data for depth average = 40.10 mg L⁻¹ and 130% of control station's SS at the same tide of the same day
Depth-averaged Turbidity (Tby) ^{(3) (4)}	The average of the impact, WSR 45C and WSR 46 station readings are > 95%-ile of baseline data = 25.04 NTU and 120% of control station's Tby at the same tide of the same day	The average of the impact, WSR 45C and WSR 46 station readings are > 99%-ile of baseline data = 32.68 NTU and 130% of control station's Tby at the same tide of the same day

Notes:

- (1) For DO, non-compliance of the water quality limits occurs when monitoring result is lower than the limits.
- (2) The Action and Limit Levels for DO for Surface & Middle layers were calculated from the combined pool of baseline surface layer data and baseline middle layer data.
- (3) "Depth-averaged" is calculated by taking the arithmetic means of reading of all three depths.
- (4) For turbidity and SS, non-compliance of the water quality limits occurs when monitoring result is higher than the limits.

Table C3

In-situ Monitoring Results for Routine Water Quality Monitoring of CMP 1 in October 2013

Sampling Date	Stations	Temp (°C)	Salinity	Turbidity (NTU)	Dissolved Oxygen (%)	pH (mg L ⁻¹)	
2013/10/3	RFF (Reference)	28.26	28.68	21.13	96.01	6.38	8.10
	IPF (Impact)	28.20	28.40	16.70	99.36	6.62	8.13
	INF (Intermediate)	27.96	27.35	10.15	84.50	5.67	7.92
	Ma Wan Station	28.07	30.51	13.25	86.00	5.67	8.09
	Shum Shui Kok Station	28.11	29.45	12.00	90.61	6.01	8.11
	Tai Mo To Station	28.20	29.00	30.00	91.44	6.07	8.08
	Tai Ho Bay Station 1	28.34	28.11	14.80	101.79	6.78	8.14
	Tai Ho Bay Station 2	28.84	27.85	21.04	118.23	7.82	7.99
	WQO	N/A	25.81-31.55#	N/A	N/A	>4	6.5-8.5
2013/10/5	RFF (Reference)	28.06	28.38	30.51	89.74	5.99	8.01
	IPF (Impact)	28.25	28.61	16.61	97.21	6.46	8.07
	INF (Intermediate)	28.13	28.49	33.74	95.97	6.40	8.05
	Ma Wan Station	27.98	30.13	12.58	82.38	5.46	7.96
	Shum Shui Kok Station	27.98	29.64	9.08	86.22	5.73	8.07
	Tai Mo To Station	28.06	28.62	33.30	92.62	6.18	8.04
	Tai Ho Bay Station 1	28.18	28.44	11.58	104.50	6.96	8.10
	Tai Ho Bay Station 2	28.83	27.99	12.88	96.51	6.38	8.02
	WQO	N/A	25.54-31.22#	N/A	N/A	>4	6.5-8.5
2013/10/8	RFF (Reference)	27.27	28.32	18.22	91.44	6.19	8.01
	IPF (Impact)	27.46	28.62	12.13	89.55	6.03	7.97
	INF (Intermediate)	27.69	29.09	21.18	88.80	5.94	7.99
	Ma Wan Station	27.61	29.56	13.03	84.83	5.67	8.02
	Shum Shui Kok Station	27.46	28.74	15.54	89.52	6.03	8.06
	Tai Mo To Station	27.48	28.58	13.49	90.17	6.07	7.97
	Tai Ho Bay Station 1	27.21	28.41	16.24	91.56	6.20	8.00
	Tai Ho Bay Station 2	27.62	28.47	9.99	81.33	5.47	7.47
	WQO	N/A	25.49-31.15#	N/A	N/A	>4	6.5-8.5
2013/10/11	RFF (Reference)	27.71	27.97	12.50	90.70	6.11	7.92
	IPF (Impact)	27.61	27.96	17.14	91.03	6.14	7.94
	INF (Intermediate)	27.64	28.47	11.25	86.56	5.82	7.92
	Ma Wan Station	27.77	29.93	15.24	83.61	5.56	7.92
	Shum Shui Kok Station	27.81	28.56	11.38	87.69	5.87	7.91
	Tai Mo To Station	27.56	28.20	20.45	89.33	6.02	7.94
	Tai Ho Bay Station 1	27.93	27.66	8.93	94.04	6.32	7.94
	Tai Ho Bay Station 2	28.17	27.97	11.48	77.46	5.18	7.40
	WQO	N/A	25.17-30.76#	N/A	N/A	>4	6.5-8.5
2013/10/13	RFF (Reference)	27.78	27.86	8.87	94.55	6.36	7.91
	IPF (Impact)	27.75	27.87	9.23	95.21	6.41	7.91
	INF (Intermediate)	27.84	28.67	7.41	87.86	5.88	7.86
	Ma Wan Station	27.74	29.37	6.51	86.05	5.74	7.80
	Shum Shui Kok Station	27.66	28.04	5.97	90.53	6.10	7.90
	Tai Mo To Station	27.66	28.20	10.22	87.25	5.87	7.86
	Tai Ho Bay Station 1	28.31	27.71	12.15	103.47	6.91	7.93

Sampling Date	Stations	Temp (°C)	Salinity	Turbidity (NTU)	Dissolved Oxygen (%)	pH (mg L ⁻¹)	
	Tai Ho Bay Station 2	28.01	27.21	7.98	97.22	6.54	7.48
	WQO	N/A	25.08-30.65#	N/A	N/A	>4	6.5-8.5
2013/10/15	RFF (Reference)	27.64	28.11	15.64	87.67	5.90	7.87
	IPF (Impact)	27.50	27.70	15.60	95.45	6.46	7.92
	INF (Intermediate)	27.67	27.88	25.66	97.65	6.58	7.91
	Ma Wan Station	27.65	30.14	5.15	86.07	5.73	7.90
	Shum Shui Kok Station	27.49	27.74	5.45	94.18	6.37	7.92
	Tai Mo To Station	27.65	26.77	6.02	95.30	6.46	7.87
	Tai Ho Bay Station 1	27.64	27.83	13.82	102.07	6.88	7.95
	Tai Ho Bay Station 2	27.91	27.58	15.36	69.50	4.67	7.48
	WQO	N/A	25.30-30.92#	N/A	N/A	>4	6.5-8.5

Note: #Not exceeding 10% of natural ambient level which is the result obtained from the Reference Station.

Table C4 *Laboratory Results for Routine Water Quality Monitoring of CMP 1 in October 2013*

Date	Stations	As (µg/L)	Cd (µg/L)	Cr (µg/L)	Cu (µg/L)	Pb (µg/L)	Hg (µg/L)	Ni (µg/L)	Ag (µg/L)	Zn (µg/L)	NH ₃ (mg/L)	TIN (mg/L)	BOD ₅ (mg/L)	SS (mg/L)
10/3	RFF	1.54	<LOR	1.63	9.92	2.08	<LOR	2.88	<LOR	13.92	0.04	0.44	1.17	23.46
	IPF	1.42	<LOR	1.38	10.46	1.67	<LOR	2.46	<LOR	8.17	0.03	0.45	1.09	22.46
	INF	1.29	<LOR	0.69	5.00	1.06	<LOR	2.33	<LOR	8.13	0.07	0.40	0.97	13.04
	Ma Wan Station	1.25	0.11	1.38	13.88	2.63	<LOR	2.88	<LOR	31.50	0.08	0.30	0.93	19.00
	Shum Shui Kok Station	1.63	<LOR	0.63	4.50	1.13	<LOR	1.88	<LOR	6.25	0.06	0.40	0.61	17.25
	Tai Mo To Station	2.13	<LOR	2.00	4.00	2.00	<LOR	2.00	<LOR	8.00	0.04	0.42	0.94	45.50
	Tai Ho Bay Station 1	1.38	0.11	1.50	8.13	2.13	<LOR	4.50	<LOR	30.75	0.01	0.45	1.65	16.00
	Tai Ho Bay Station 2	1.00	<LOR	<LOR	<LOR	<LOR	<LOR	1.06	<LOR	3.38	0.01	0.18	1.51	4.63
10/5	RFF	2.03	<LOR	0.55	3.55	0.83	<LOR	2.08	<LOR	4.90	0.03	0.46	0.27	28.45
	IPF	1.73	<LOR	0.68	2.18	0.81	<LOR	1.35	<LOR	5.10	0.02	0.36	0.41	15.73
	INF	2.00	<LOR	0.78	3.45	1.58	<LOR	2.53	<LOR	6.88	0.02	0.38	0.25	34.63
	Ma Wan Station	1.63	<LOR	0.94	1.38	0.56	<LOR	0.75	<LOR	5.38	0.06	0.29	0.25	16.63
	Shum Shui Kok Station	2.13	<LOR	0.63	1.44	<LOR	<LOR	0.75	<LOR	5.50	0.07	0.35	0.25	11.75
	Tai Mo To Station	2.00	<LOR	0.56	3.75	0.94	<LOR	1.19	<LOR	6.63	0.02	0.41	0.28	29.38
	Tai Ho Bay Station 1	1.63	<LOR	0.56	2.63	<LOR	<LOR	1.38	<LOR	5.00	<LOR	0.31	0.25	11.75
	Tai Ho Bay Station 2	1.25	<LOR	<LOR	0.88	<LOR	<LOR	1.00	<LOR	14.38	<LOR	0.29	0.25	7.88
10/8	RFF	1.92	<LOR	1.13	2.58	1.19	<LOR	2.00	<LOR	4.92	<LOR	0.39	0.28	27.00
	IPF	1.17	<LOR	0.65	1.79	0.54	<LOR	1.96	<LOR	2.29	0.01	0.38	0.52	20.92
	INF	1.50	<LOR	1.10	2.10	1.00	<LOR	1.71	<LOR	3.63	0.02	0.34	0.28	26.96
	Ma Wan Station	2.00	<LOR	1.38	6.13	2.38	<LOR	2.38	<LOR	11.50	0.03	0.35	2.42	20.13
	Shum Shui Kok Station	2.00	<LOR	1.13	2.50	1.00	<LOR	2.00	<LOR	6.50	<LOR	0.36	0.82	22.13
	Tai Mo To Station	2.00	<LOR	0.69	2.13	0.94	<LOR	2.00	<LOR	3.13	<LOR	0.37	1.16	20.63
	Tai Ho Bay Station 1	2.00	<LOR	0.94	2.13	0.88	<LOR	2.00	<LOR	3.50	<LOR	0.37	0.31	24.00

Date	Stations	As (µg/L)	Cd (µg/L)	Cr (µg/L)	Cu (µg/L)	Pb (µg/L)	Hg (µg/L)	Ni (µg/L)	Ag (µg/L)	Zn (µg/L)	NH ₃ (mg/L)	TIN (mg/L)	BOD ₅ (mg/L)	SS (mg/L)
	Tai Ho Bay Station 2	1.38	0.26	2.19	5.25	3.63	<LOR	2.63	<LOR	10.75	<LOR	0.25	0.71	8.00
10/11	RFF	2.42	<LOR	0.79	7.46	0.69	<LOR	1.92	<LOR	11.67	0.01	0.50	0.83	10.29
	IPF	1.92	<LOR	0.83	5.46	0.92	<LOR	2.17	<LOR	7.25	<LOR	0.49	0.78	21.67
	INF	1.75	<LOR	<LOR	1.77	0.52	<LOR	1.79	<LOR	6.08	<LOR	0.46	0.72	10.50
	Ma Wan Station	2.00	<LOR	0.56	10.88	0.88	<LOR	0.81	<LOR	12.25	0.02	0.33	0.56	13.75
	Shum Shui Kok Station	2.13	<LOR	<LOR	3.63	<LOR	<LOR	0.75	<LOR	6.63	<LOR	0.46	0.54	10.13
	Tai Mo To Station	2.00	<LOR	<LOR	1.88	0.75	<LOR	1.00	<LOR	5.25	<LOR	0.47	0.76	13.25
	Tai Ho Bay Station 1	1.75	<LOR	<LOR	16.63	<LOR	<LOR	2.00	<LOR	10.63	<LOR	0.52	0.79	5.88
	Tai Ho Bay Station 2	2.38	0.16	<LOR	1.19	0.75	<LOR	1.63	<LOR	23.13	<LOR	0.38	2.18	6.88
10/13	RFF	1.38	<LOR	0.56	8.08	0.52	<LOR	2.00	<LOR	8.21	0.02	0.56	0.96	7.79
	IPF	1.50	<LOR	0.58	5.08	<LOR	<LOR	2.04	<LOR	6.79	0.03	0.58	1.17	7.46
	INF	1.25	<LOR	0.67	6.08	<LOR	<LOR	2.00	<LOR	8.38	0.02	0.49	0.86	6.67
	Ma Wan Station	1.13	<LOR	<LOR	5.13	1.75	<LOR	1.63	<LOR	10.75	0.03	0.43	0.68	6.88
	Shum Shui Kok Station	1.75	0.11	0.56	10.50	1.38	<LOR	2.13	<LOR	14.75	0.01	0.54	0.95	6.25
	Tai Mo To Station	1.88	<LOR	<LOR	3.00	<LOR	<LOR	1.75	<LOR	5.25	<LOR	0.53	0.98	8.38
	Tai Ho Bay Station 1	1.88	<LOR	1.44	14.75	0.75	<LOR	2.13	<LOR	10.00	0.02	0.55	1.05	11.13
	Tai Ho Bay Station 2	1.63	<LOR	<LOR	1.88	<LOR	<LOR	2.00	<LOR	10.13	0.02	0.42	1.19	6.63
10/15	RFF	1.43	<LOR	1.21	4.23	0.64	<LOR	2.65	<LOR	6.05	0.01	0.48	0.35	16.80
	IPF	1.18	<LOR	0.59	3.55	0.53	<LOR	2.35	<LOR	6.42	<LOR	0.50	0.65	21.13
	INF	1.75	<LOR	0.95	5.58	1.03	<LOR	2.33	<LOR	10.40	<LOR	0.46	0.72	34.45
	Ma Wan Station	1.75	<LOR	0.56	4.63	1.88	<LOR	5.13	<LOR	14.63	0.01	0.32	0.80	5.75
	Shum Shui Kok Station	1.75	<LOR	<LOR	4.13	0.56	<LOR	2.13	<LOR	9.00	<LOR	0.50	0.68	6.13
	Tai Mo To Station	1.38	<LOR	0.56	6.75	0.69	<LOR	2.50	<LOR	9.63	<LOR	0.60	0.70	4.63
	Tai Ho Bay Station 1	2.00	<LOR	0.69	3.50	0.56	<LOR	2.25	<LOR	7.88	<LOR	0.43	0.55	6.25
	Tai Ho Bay Station 2	1.25	<LOR	<LOR	0.75	0.50	<LOR	1.50	<LOR	7.00	<LOR	0.40	0.28	1.88

WQO of SS: 12.2 mg/L