

Summary Report - Water Quality - Routine Water Quality Monitoring for CMP 2

Date: 6 January 2015

Station ID	Replicate	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Silver	Zinc	NH3-N	TIN	BOD5	SS
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L	mg/L
Reporting Limit		1.0	0.1	1.0	1.0	1.0	0.1	1.0	1.0	1.0	0.005	0.015	0.5	2
SB-IPE1	1	2.1	<0.5	4.8	15.6	<1	<0.5	2.6	<1	18.0	0.21	0.80	0.9	10.0
SB-IPE1	2	2.1	<0.5	5.3	15.3	<1	<0.5	2.7	<1	21.1	0.20	0.79	0.9	7.5
SB-IPE1	3	2.5	<0.5	4.8	16.2	<1	<0.5	2.8	<1	15.5	0.20	0.78	1.1	7.0
SB-IPE1	4	2.5	<0.5	5.7	16.7	<1	<0.5	2.6	<1	16.5	0.20	0.79	1.1	6.6
SB-IPE1	5	1.7	<0.5	5.0	13.9	<1	<0.5	3.1	<1	14.8	0.20	0.87	1.1	6.9
SB-IPE1	6	1.9	<0.5	4.5	14.2	<1	<0.5	2.8	<1	18.9	0.20	0.78	1.0	7.3
SB-IPE1	7	1.8	<0.5	4.1	14.8	<1	<0.5	2.1	<1	21.2	0.19	0.78	2.7	7.9
SB-IPE1	8	2.0	<0.5	4.6	16.0	<1	<0.5	2.6	<1	14.3	0.19	0.77	1.2	8.2
SB-IPE2	1	2.2	<0.5	3.9	20.9	<1	<0.5	3.2	<1	15.3	0.21	0.76	1.5	12.6
SB-IPE2	2	2.5	<0.5	4.5	23.9	<1	<0.5	2.9	<1	18.2	0.21	0.76	1.6	8.7
SB-IPE2	3	2.0	<0.5	3.7	22.3	<1	<0.5	3.1	<1	12.4	0.20	0.75	1.3	9.4
SB-IPE2	4	2.3	<0.5	3.3	19.4	<1	<0.5	3.6	<1	12.7	0.20	0.75	1.5	9.5
SB-IPE2	5	2.1	<0.5	3.4	24.7	<1	<0.5	3.3	<1	13.7	0.22	0.77	1.4	10.2
SB-IPE2	6	2.3	<0.5	3.6	24.6	<1	<0.5	3.5	<1	17.5	0.22	0.78	1.1	8.8
SB-IPE2	7	2.2	<0.5	4.3	17.1	<1	<0.5	2.7	<1	16.7	0.20	0.74	1.4	8.8
SB-IPE2	8	2.0	<0.5	5.5	17.1	<1	<0.5	2.4	<1	18.0	0.22	0.77	1.4	9.3
SB-IPE3	1	2.1	<0.5	4.7	3.0	<1	<0.5	2.4	<1	15.9	0.21	0.78	1.9	8.6
SB-IPE3	2	2.1	<0.5	4.6	3.2	<1	<0.5	2.5	<1	15.0	0.22	0.80	1.5	7.8
SB-IPE3	3	2.0	<0.5	4.2	3.0	<1	<0.5	2.2	<1	16.3	0.21	0.78	2.0	8.1
SB-IPE3	4	1.7	<0.5	4.7	3.6	<1	<0.5	2.0	<1	16.6	0.21	0.78	1.2	7.7
SB-IPE3	5	1.8	<0.5	5.4	3.2	<1	<0.5	2.6	<1	14.8	0.22	0.80	1.2	8.0
SB-IPE3	6	2.2	<0.5	4.6	3.3	<1	<0.5	2.6	<1	14.9	0.21	0.79	1.4	8.2
SB-IPE3	7	1.9	<0.5	5.6	3.0	<1	<0.5	2.7	<1	15.7	0.21	0.79	1.8	8.9
SB-IPE3	8	2.3	<0.5	5.2	8.7	<1	<0.5	2.2	<1	18.6	0.21	0.79	1.3	9.0
SB-IPE4	1	2.1	<0.5	5.4	16.0	<1	<0.5	4.3	<1	12.8	0.20	0.74	1.2	2.7
SB-IPE4	2	1.9	<0.5	4.9	16.7	<1	<0.5	4.5	<1	11.5	0.21	0.75	1.1	5.8
SB-IPE4	3	2.0	<0.5	6.4	13.3	<1	<0.5	3.7	<1	11.3	0.20	0.75	1.2	5.3
SB-IPE4	4	2.6	<0.5	5.1	18.7	<1	<0.5	3.6	<1	13.1	0.20	0.74	1.1	6.0
SB-IPE4	5	2.4	<0.5	5.8	17.4	<1	<0.5	4.2	<1	10.8	0.19	0.74	1.5	6.4
SB-IPE4	6	2.0	<0.5	5.3	15.1	<1	<0.5	4.5	<1	13.7	0.20	0.74	1.7	6.6
SB-IPE4	7	2.0	<0.5	4.6	13.6	<1	<0.5	4.5	<1	14.1	0.21	0.75	1.8	6.7
SB-IPE4	8	1.9	<0.5	3.7	7.4	<1	<0.5	2.0	<1	16.5	0.22	0.76	1.7	7.2
SB-IPE5	1	2.1	<0.5	3.7	9.5	<1	<0.5	2.2	<1	9.4	0.18	0.62	1.4	2.8
SB-IPE5	2	2.5	<0.5	3.4	9.2	<1	<0.5	2.0	<1	9.6	0.18	0.62	1.5	4.3
SB-IPE5	3	1.8	<0.5	3.2	10.4	<1	<0.5	2.0	<1	9.5	0.20	0.64	1.7	4.3
SB-IPE5	4	1.9	<0.5	3.6	10.0	<1	<0.5	2.6	<1	9.5	0.19	0.63	1.0	4.2
SB-IPE5	5	2.1	<0.5	3.7	8.5	<1	<0.5	2.1	<1	10.0	0.18	0.62	1.2	4.2
SB-IPE5	6	2.1	<0.5	3.3	10.7	<1	<0.5	2.2	<1	9.2	0.18	0.62	1.3	4.0
SB-IPE5	7	2.1	<0.5	3.3	11.3	<1	<0.5	2.0	<1	10.5	0.18	0.62	1.2	4.0
SB-IPE5	8	2.0	<0.5	3.4	8.1	<1	<0.5	2.5	<1	11.2	0.19	0.63	1.4	4.0
SB-INE1	1	2.2	<0.5	3.2	25.7	<1	<0.5	2.3	<1	14.0	0.16	0.71	1.4	7.2
SB-INE1	2	2.3	<0.5	3.2	26.3	<1	<0.5	2.2	<1	14.0	0.16	0.71	1.4	7.1
SB-INE1	3	2.3	<0.5	3.0	25.0	<1	<0.5	2.7	<1	13.4	0.15	0.69	1.4	6.8
SB-INE1	4	2.0	<0.5	3.5	20.8	<1	<0.5	2.3	<1	14.2	0.16	0.70	1.6	7.1
SB-INE1	5	2.5	<0.5	2.7	28.8	<1	<0.5	2.1	<1	11.4	0.16	0.70	1.9	6.9
SB-INE1	6	2.5	<0.5	3.5	26.3	<1	<0.5	2.0	<1	11.4	0.16	0.70	1.4	7.5
SB-INE1	7	2.0	<0.5	2.5	29.9	<1	<0.5	2.3	<1	11.2	0.16	0.71	1.5	7.8
SB-INE1	8	2.0	<0.5	2.8	25.0	<1	<0.5	3.1	<1	14.1	0.16	0.70	1.4	7.9
SB-INE2	1	2.0	<0.5	1.8	4.0	<1	<0.5	1.9	<1	7.7	0.16	0.70	1.2	9.3
SB-INE2	2	2.0	<0.5	1.8	3.3	<1	<0.5	2.0	<1	7.8	0.16	0.70	1.2	8.4
SB-INE2	3	2.3	<0.5	2.1	4.7	<1	<0.5	1.6	<1	7.5	0.15	0.70	1.3	8.4
SB-INE2	4	2.0	<0.5	1.5	3.9	<1	<0.5	1.5	<1	6.8	0.15	0.69	1.4	8.3
SB-INE2	5	1.6	<0.5	2.2	3.9	<1	<0.5	1.8	<1	8.0	0.16	0.70	1.4	8.1
SB-INE2	6													

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Station ID	Replicate	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Silver	Zinc	NH3-N	TIN	BOD5	SS
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L	mg/L
Reporting Limit		1.0	0.1	1.0	1.0	1.0	0.1	1.0	1.0	1.0	0.005	0.015	0.5	2
SB-INE5	4	2.0	<0.5	2.8	3.7	<1	<0.5	1.8	<1	11.1	0.16	0.67	1.4	9.7
SB-INE5	5	2.4	<0.5	3.1	3.2	<1	<0.5	1.8	<1	11.4	0.18	0.75	1.4	10.0
SB-INE5	6	2.1	<0.5	2.8	3.6	<1	<0.5	1.9	<1	10.2	0.16	0.71	1.4	9.5
SB-INE5	7	1.9	<0.5	2.8	4.6	<1	<0.5	1.9	<1	10.8	0.17	0.75	1.3	9.1
SB-INE5	8	2.2	<0.5	3.1	2.5	<1	<0.5	1.9	<1	10.2	0.15	0.73	1.5	9.0
SB-RFE1	1	2.1	<0.5	3.8	3.8	<1	<0.5	2.3	<1	7.6	0.22	0.80	1.1	4.3
SB-RFE1	2	1.7	<0.5	4.3	4.4	<1	<0.5	2.1	<1	8.6	0.22	0.80	1.4	3.4
SB-RFE1	3	2.4	<0.5	3.7	3.5	<1	<0.5	1.9	<1	7.7	0.22	0.81	1.0	3.0
SB-RFE1	4	2.5	<0.5	4.5	3.2	<1	<0.5	2.2	<1	8.0	0.22	0.80	1.4	3.2
SB-RFE1	5	2.1	<0.5	3.6	3.2	<1	<0.5	2.1	<1	8.9	0.22	0.81	1.4	3.1
SB-RFE1	6	2.4	<0.5	3.3	4.4	<1	<0.5	2.6	<1	7.0	0.22	0.81	1.5	2.8
SB-RFE1	7	1.9	<0.5	3.5	3.1	<1	<0.5	1.9	<1	8.0	0.23	0.82	1.2	2.9
SB-RFE1	8	2.1	<0.5	3.5	4.6	<1	<0.5	2.5	<1	8.4	0.22	0.81	1.3	3.1
SB-RFE2	1	2.2	<0.5	3.5	3.7	<1	<0.5	2.0	<1	8.1	0.18	0.65	1.3	10.0
SB-RFE2	2	2.5	<0.5	3.6	3.4	<1	<0.5	2.1	<1	7.3	0.18	0.65	1.2	11.1
SB-RFE2	3	2.1	<0.5	3.5	4.3	<1	<0.5	2.2	<1	7.4	0.19	0.67	1.3	11.8
SB-RFE2	4	2.3	<0.5	3.3	3.5	<1	<0.5	2.2	<1	9.0	0.18	0.64	1.2	12.0
SB-RFE2	5	2.4	<0.5	3.0	3.1	<1	<0.5	1.9	<1	7.7	0.19	0.66	1.3	11.6
SB-RFE2	6	2.0	<0.5	3.2	3.5	<1	<0.5	1.7	<1	8.5	0.19	0.66	1.2	12.3
SB-RFE2	7	2.3	<0.5	3.5	3.0	<1	<0.5	1.7	<1	9.7	0.19	0.66	1.3	12.0
SB-RFE2	8	2.1	<0.5	3.5	2.3	<1	<0.5	1.4	<1	8.1	0.19	0.67	1.3	13.4
SB-RFE3	1	1.8	<0.5	2.7	3.7	<1	<0.5	1.7	<1	8.9	0.20	0.53	1.7	2.5
SB-RFE3	2	2.2	<0.5	3.0	4.4	<1	<0.5	1.6	<1	10.2	0.19	0.52	1.3	3.2
SB-RFE3	3	1.6	<0.5	2.9	3.0	<1	<0.5	1.4	<1	9.2	0.19	0.52	1.4	3.0
SB-RFE3	4	1.6	<0.5	3.3	4.1	<1	<0.5	1.5	<1	7.5	0.20	0.53	2.2	3.0
SB-RFE3	5	2.0	<0.5	2.4	3.4	<1	<0.5	1.5	<1	7.6	0.19	0.52	1.2	2.5
SB-RFE3	6	1.5	<0.5	2.7	4.3	<1	<0.5	1.7	<1	8.3	0.19	0.52	1.2	2.6
SB-RFE3	7	1.8	<0.5	2.7	4.0	<1	<0.5	1.5	<1	9.3	0.18	0.51	1.3	3.1
SB-RFE3	8	2.3	<0.5	2.4	5.4	<1	<0.5	1.2	<1	7.1	0.19	0.52	2.2	2.7
SB-RFE4	1	2.1	<0.5	2.7	4.4	<1	<0.5	1.3	<1	13.3	0.19	0.53	1.6	4.7
SB-RFE4	2	1.8	<0.5	2.8	5.2	<1	<0.5	1.1	<1	15.5	0.16	0.50	1.4	4.3
SB-RFE4	3	2.3	<0.5	3.0	3.7	<1	<0.5	1.5	<1	15.1	0.19	0.53	1.2	4.2
SB-RFE4	4	2.1	<0.5	2.6	4.6	<1	<0.5	1.2	<1	12.4	0.18	0.52	1.2	4.3
SB-RFE4	5	2.4	<0.5	2.3	5.1	<1	<0.5	1.4	<1	13.8	0.12	0.46	1.2	4.4
SB-RFE4	6	1.9	<0.5	3.0	3.8	<1	<0.5	1.3	<1	15.1	0.18	0.52	1.6	4.6
SB-RFE4	7	2.1	<0.5	2.7	5.3	<1	<0.5	1.3	<1	11.3	0.18	0.52	1.4	4.3
SB-RFE4	8	2.3	<0.5	2.5	3.5	<1	<0.5	1.0	<1	12.9	0.20	0.54	1.1	4.3
SB-RFE5	1	2.0	<0.5	3.7	3.8	<1	<0.5	1.4	<1	23.1	0.19	0.54	1.4	2.9
SB-RFE5	2	1.7	<0.5	3.4	3.2	<1	<0.5	1.5	<1	27.2	0.19	0.54	1.4	2.9
SB-RFE5	3	2.2	<0.5	3.1	3.3	<1	<0.5	1.5	<1	22.7	0.18	0.54	1.5	2.8
SB-RFE5	4	2.4	<0.5	3.9	3.8	<1	<0.5	1.4	<1	23.4	0.18	0.53	1.7	2.0
SB-RFE5	5	2.2	<0.5	4.1	3.8	<1	<0.5	1.3	<1	21.7	0.17	0.52	1.9	2.0
SB-RFE5	6	1.8	<0.5	4.1	3.6	<1	<0.5	1.4	<1	24.2	0.20	0.55	1.8	2.7
SB-RFE5	7	1.8	<0.5	3.5	4.1	<1	<0.5	1.3	<1	21.5	0.19	0.54	1.8	2.4
SB-RFE5	8	2.0	<0.5	4.8	5.6	<1	<0.5	1.6	<1	21.5	0.19	0.54	1.7	1.8
MW1	1	2.3	<0.5	5.1	4.8	<1	<0.5	1.5	<1	12.1	0.19	0.56	1.1	1.7
MW1	2	2.4	<0.5	5.6	3.9	<1	<0.5	1.3	<1	10.3	0.19	0.56	1.1	2.0
MW1	3	2.2	<0.5	5.9	5.5	<1	<0.5	1.7	<1	11.3	0.18	0.55	1.0	2.6
MW1	4	2.0	<0.5	6.0	5.2	<1	<0.5	1.6	<1	10.0	0.19	0.56	1.2	2.0
MW1	5	2.6	<0.5	4.5	4.8	<1	<0.5	1.5	<1	12.7	0.22	0.59	1.0	2.2
MW1	6	2.2	<0.5	6.0	5.6	<1	<0.5	1.7	<1	10.5	0.21	0.58	1.0	2.8
MW1	7	2.6	<0.5	5.6	4.0	<1	<0.5	1.7	<1	10.8	0.20	0.57	1.1	2.9
MW1	8	2.0	<0.5	5.6	4.9	<1	<0.5	1.7	<1	8.3	0.19	0.56	1.6	2.3
THB1	1	2.2	<0.5	5.9	10.7	<1	<0.5	2.						

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Date: 6 January 2015

Station ID	Replicate	Arsenic <i>ug/L</i>	Cadmium <i>ug/L</i>	Chromium <i>ug/L</i>	Copper <i>ug/L</i>	Lead <i>ug/L</i>	Mercury <i>ug/L</i>	Nickel <i>ug/L</i>	Silver <i>ug/L</i>	Zinc <i>ug/L</i>	NH3-N <i>mg/L</i>	TIN <i>mg/L</i>	BOD5 <i>mg/L</i>	SS <i>mg/L</i>
Reporting Limit		1.0	0.1	1.0	1.0	1.0	0.1	1.0	1.0	1.0	0.005	0.015	0.5	2
WSR45C	7	2.1	<0.5	3.7	12.9	<1	<0.5	1.9	<1	11.9	0.23	0.59	1.3	3.2
WSR45C	8	1.9	<0.5	2.9	14.1	<1	<0.5	1.9	<1	14.1	0.22	0.59	1.9	3.3
WSR46	1	2.1	<0.5	3.0	7.6	<1	<0.5	2.3	<1	11.9	0.24	0.84	1.1	4.0
WSR46	2	2.4	<0.5	3.5	6.5	<1	<0.5	2.6	<1	13.2	0.26	0.86	1.0	3.4
WSR46	3	1.8	<0.5	3.4	9.1	<1	<0.5	2.2	<1	13.0	0.29	0.89	1.2	3.2
WSR46	4	2.3	<0.5	3.3	6.2	<1	<0.5	2.3	<1	11.9	0.30	0.91	1.2	3.1
WSR46	5	2.0	<0.5	3.5	7.7	<1	<0.5	2.7	<1	10.3	0.28	0.88	1.3	3.0
WSR46	6	2.2	<0.5	2.6	8.6	<1	<0.5	2.5	<1	13.1	0.27	0.87	1.1	3.2
WSR46	7	1.9	<0.5	2.7	7.7	<1	<0.5	1.9	<1	13.3	0.25	0.86	1.2	3.3
WSR46	8	2.2	<0.5	3.6	5.9	<1	<0.5	2.8	<1	9.4	0.27	0.87	1.1	3.3

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