

Summary Report - Water Quality - Routine Water Quality Monitoring for CMP 1

Date: 13 May 2014

Station ID	Replicate	Arsenic ug/L	Cadmium ug/L	Chromium ug/L	Copper ug/L	Lead ug/L	Mercury ug/L	Nickel ug/L	Silver ug/L	Zinc ug/L	NH3-N mg/L	TIN mg/L	BOD5 mg/L	SS mg/L
		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
Reporting Limit		<0.1	<1	4.3	<1	<0.1	4.1	<1	4.2	0.38	1.14	0.6	4	
SB-IP1	1	2	<0.1	<1	4.2	<1	<0.1	4.1	<1	4.5	0.35	1.02	0.5	4
SB-IP1	2	1.8	<0.1	<1	5.2	<1	<0.1	3.8	<1	12	0.36	1.04	0.6	4
SB-IP1	3	2.1	<0.1	<1	5.2	<1	<0.1	3.8	<1	2.4	0.36	1.05	0.6	4
SB-IP1	4	2	<0.1	<1	4.3	<1	<0.1	3.9	<1	2.4	0.36	1.05	0.6	4
SB-IP1	5	2.1	<0.1	<1	4.4	1.4	<0.1	3.7	<1	10	0.37	1.05	0.6	3
SB-IP1	6	2.5	<0.1	<1	5.6	<1	<0.1	3.8	<1	3.1	0.33	0.95	0.7	3
SB-IP1	7	2.1	<0.1	<1	19	<1	<0.1	4.4	<1	34	0.37	1.08	0.7	3
SB-IP1	8	2.1	<0.1	<1	5.8	<1	<0.1	4.5	<1	7.1	0.31	0.85	0.6	3
SB-IP2	1	2.1	<0.1	<1	1.4	<1	<0.1	3.7	<1	8.6	0.36	1.01	1.8	5
SB-IP2	2	2	<0.1	<1	1.9	<1	<0.1	3.9	<1	3.3	0.32	0.81	1.5	6
SB-IP2	3	2	<0.1	<1	1.4	<1	<0.1	3.6	<1	3.3	0.28	0.72	1.3	6
SB-IP2	4	2	<0.1	<1	1.8	<1	<0.1	3.5	<1	4	0.38	1.04	1.3	5
SB-IP2	5	2.2	<0.1	<1	1.6	<1	<0.1	3.3	<1	6.2	0.35	0.97	1.1	6
SB-IP2	6	2	<0.1	<1	1.5	<1	<0.1	3.8	<1	3.7	0.38	1.11	0.9	6
SB-IP2	7	2.3	0.11	<1	1.6	<1	<0.1	4	<1	11	0.32	0.89	0.9	6
SB-IP2	8	2.2	<0.1	<1	1.4	<1	<0.1	3.7	<1	9.2	0.31	0.8	1	6
SB-IP3	1	2.1	<0.1	<1	2.2	<1	<0.1	4.2	<1	12	0.31	0.71	0.7	6
SB-IP3	2	2.2	<0.1	<1	1.5	<1	<0.1	3.8	<1	11	0.41	1.07	0.6	7
SB-IP3	3	1.9	<0.1	<1	2.2	<1	<0.1	3.9	<1	14	0.41	1.02	0.6	6
SB-IP3	4	2.1	<0.1	<1	1.6	<1	<0.1	3.9	<1	14	0.39	0.99	0.5	7
SB-IP3	5	2	<0.1	<1	2.3	<1	<0.1	4.2	<1	12	0.37	1.08	0.5	7
SB-IP3	6	2	<0.1	<1	1.7	<1	<0.1	4.4	<1	7.5	0.38	0.99	0.5	7
SB-IP3	7	2.4	<0.1	<1	1.4	<1	<0.1	3.7	<1	7.2	0.37	1.07	0.5	8
SB-IP3	8	2	<0.1	<1	1.7	<1	<0.1	3.9	<1	17	0.37	1.05	0.5	7
SB-IP4	1	2.6	<0.1	<1	7	1.7	<0.1	4.5	<1	17	0.43	1.03	1	5
SB-IP4	2	2	<0.1	<1	6.1	1.4	<0.1	4.6	<1	11	0.38	0.99	1	5
SB-IP4	3	2.2	<0.1	<1	6.4	<1	<0.1	4.3	<1	13	0.52	1.32	0.9	5
SB-IP4	4	1.9	<0.1	<1	7.2	1.3	<0.1	4.5	<1	15	0.53	1.33	1	5
SB-IP4	5	2.4	<0.1	<1	5.9	1	<0.1	6.1	<1	14	0.5	1.29	1	5
SB-IP4	6	1.8	<0.1	<1	5.2	1	<0.1	4.2	<1	17	0.45	1.13	0.9	5
SB-IP4	7	2.1	<0.1	<1	5.5	<1	<0.1	4.2	<1	14	0.48	1.35	1	4
SB-IP4	8	1.8	<0.1	<1	6.5	1	<0.1	4.2	<1	19	0.5	1.35	1.1	4
SB-IP5	1	1.9	<0.1	<1	1.5	<1	<0.1	3	<1	6.4	0.32	1.04	0.9	12
SB-IP5	2	2.1	<0.1	<1	1.6	<1	<0.1	3.1	<1	9.3	0.43	1.13	0.9	12
SB-IP5	3	2	<0.1	<1	1.6	<1	<0.1	3.6	<1	4	0.39	1.1	1	13
SB-IP5	4	1.9	<0.1	<1	1.8	<1	<0.1	3.6	<1	4.1	0.44	1.03	0.9	14
SB-IP5	5	2	<0.1	<1	2.1	<1	<0.1	3.4	<1	13	0.43	1.07	0.9	12
SB-IP5	6	1.9	<0.1	<1	1.7	<1	<0.1	3.6	<1	3.2	0.41	1.06	0.8	13
SB-IP5	7	1.6	<0.1	<1	1.9	<1	<0.1	3.5	<1	8.1	0.26	1.18	0.8	14
SB-IP5	8	2.1	<0.1	<1	1.9	<1	<0.1	4	<1	6.3	0.43	1.17	0.8	15
SB-INE1	1	1.7	<0.1	<1	1.4	<1	<0.1	3.7	<1	9.1	0.34	1.22	1.2	8
SB-INE1	2	1.8	<0.1	<1	1.4	<1	<0.1	4	<1	5.9	0.33	1.18	1.1	9
SB-INE1	3	1.7	<0.1	<1	1.7	<1	<0.1	4.3	<1	19	0.35	1.26	1	9
SB-INE1	4	2.1	<0.1	<1	1.4	<1	<0.1	3.7	<1	8.1	0.21	1.2	1.1	9
SB-INE1	5	1.9	<0.1	<1	1.4	<1	<0.1	3.7	<1	9.2	0.39	1.18	1	10
SB-INE1	6	2.1	<0.1	<1	1.6	<1	<0.1	4.2	<1	13	0.36	1.07	1.1	9
SB-INE1	7	1.6	<0.1	<1	1.3	<1	<0.1	4	<1	9.6	0.32	1.19	1.1	9
SB-INE1	8	2.1	<0.1	<1	1.5	<1	<0.1	4.1	<1	7.1	0.39	1.3	0.9	9
SB-INE2	1	2.2	<0.1	<1	2.1	<1	<0.1	4.3	<1	14	0.39	1.27	0.9	11
SB-INE2	2	2.4	<0.1	<1	1.6	<1	<0.1	4.2	<1	8.5	0.38	1.25	0.9	12
SB-INE2	3	2	<0.1	<1	6.9	<1	<0.1	4.2	<1	9.3	0.33	1.22	0.9	11
SB-INE2	4	2.1	<0.1	<1	2	<1	<0.1	4.1	<1	6.9	0.34	1.2	0.8	10
SB-INE2	5	1.8	<0.1	<1	1.4	<1	<0.1	3.6	<1	11	0.28	0.76	0.9	9
SB-INE2	6	1.8	<0.1	<1	1.4	<1	<0.1	4.1	<1	9.8	0.32	0.97	0.8	9
SB-INE2	7	1.8	<0.1	<1	1.5	<1	<0.1	3.7	<1	9.2	0.36	1.09	0.8	9
SB-INE2	8	1.8	<0.1	<1	1.9	<1	<0.1	4	<1	7.4	0.31	1.18	0.7	8
SB-INE3	1	1.8	<0.1	<1	1.5	<1	<0.1	3.8	<1	9	0.31	1.14	0.8	12
SB-INE3	2	1.6	<0.1	<1	1.3	<1	<0.1	3.6	<1	9.3	0.34	1.16	0.9	12
SB-INE3	3	1.5	<0.1	<1	1.3	<1	<0.1	3.5	<1	9.7	0.35	1.16	0.8	11
SB-INE3	4	1.8	<0.1	<1	1.7	<1	<0.1	3.8	<1	20	0.34	1.16	0.8	10
SB-INE3	5	2.1	<0.1	<1	1.4	<1	<0.1	5.7	<1	14	0.38	1.18	0.8	11
SB-INE3	6	1.7	<0.1	<1	1.4	<1	<0.1	3.7	<1	11	0.39	1.21	0.9	11
SB-INE3	7	1.7	<0.1	<1	1.4	<1	<0.1	3.3	<1	5.4	0.38	1.1	1	10
SB-INE3	8	1.6	<0.1	<1	1.3	<1	<0.1	3.3	<1	8.7	0.35	0.98	1.1	11
SB-INE4	1	1.8	<0.1	<1	1.3	<1	<0.1	3.5	<1	17	0.31	0.95	1.6	12
SB-INE4	2	1.7	<0.1	<1	1.8	<1	<0.1	3.6	<1	3.2	0.36	1.1	1.5	11
SB-INE4	3	1.7	<0.1	<1	1.5	<1	<0.1	3.5	<1	5.8	0.34	0.99	1.6	11
SB-INE4	4	1.4	<0.1	<1	1.3	1.5	<0.1	3.1	<1	6.1	0.33	0.98	1.4	12
SB-INE4	5	1.7	<0.1	<1	1.3	<1	<0.1	3.1	<1	7.4	0.36	1.03	1.6	12
SB-INE4	6	1.5	<0.1	<1	2.2	<1	<0.1	3.6	<1	9.6	0.37	1.11	1.3	12
SB-INE4	7	1.6	<0.1	<1	1.3	<1	<0.1	3.2	<1	2.3	0.28	0.79	1.3	12
SB-INE4	8	1.4	<0.1	<1	1.2	<1	<0.1	3	<1	7	0.34	1.02	1.3	12
SB-INE5	1	1.6	<0.1	<1	2	1.8	<0.1	2.8	<1	6.5	0.27	0.74	1.3	20
SB-INE5	2	1.9	<0.1	<1	1.9	1.9	<0.1	3	<1	7.8	0.27	0.8	1.4	20
SB-INE5	3	1.7	<0.1	<1	6.6	2.3	<0.1	2.8	<1	23	0.29	0.82	1.5	20
SB-INE5	4	1.9	<0.1	<1	1.8	1.4	<0.1	3	<1	9.2	0.31	0.82	1.6	22
SB-INE5	5	1.9	<0.1	<1	2	2.1	<0.1	3.5	<1	10	0.29	0.76	1.6	21
SB-INE5	6	1.8	<0.1	<1	2	2	<0.1	3.2	<1	10	0.26	0.69	1.4	21
SB-INE5	7	2.2	<0.1	<1	1.8	1.7	<0.1	2.8	<1	4.9	0.27	0.74	1.1	19
SB-INE5	8	2.1	<0.1	<1	1.8	1.7	<0.1	2.7	<1	9.7	0.3	0.8	1	19
SB-RFE1	1	2	<0.1	<1	6.4	1.7	<0.1	3.3	<1	16	0.41	1	1.1	21
SB-RFE1	2	2.1	<0.1	<1	10	1.9	&							

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Date: 13 May 2014

Station ID	Replicate	Arsenic ug/L	Cadmium ug/L	Chromium ug/L	Copper ug/L	Lead ug/L	Mercury ug/L	Nickel ug/L	Silver ug/L	Zinc ug/L	NH3-N mg/L	TIN mg/L	BOD5 mg/L	SS mg/L
		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
Reporting Limit		<0.1	<1	5.9	2.5	<0.1	3.6	<1	18	0.36	0.8	0.8	0.9	37
SB-RFE2	1	2	<0.1	<1	5	2.3	<0.1	3.9	<1	13	0.33	0.75	0.8	41
SB-RFE2	2	2.2	<0.1	<1	5	2.3	<0.1	4.7	<1	13	0.33	0.79	0.8	41
SB-RFE2	3	2.3	<0.1	2.7	5.6	2.3	<0.1	4.7	<1	13	0.33	0.74	0.9	43
SB-RFE2	4	2.2	<0.1	6.7	4.9	2.1	<0.1	7.3	<1	13	0.33	0.74	0.9	43
SB-RFE2	5	2.5	<0.1	<1	5.4	2.6	<0.1	3.9	<1	15	0.39	1.02	0.9	46
SB-RFE2	6	2.3	<0.1	1	4.4	2.3	<0.1	4.3	<1	11	0.41	1.04	1	51
SB-RFE2	7	2.1	<0.1	<1	5.3	2.3	<0.1	3.6	<1	11	0.36	0.89	1	54
SB-RFE2	8	2.5	<0.1	<1	5.7	2.5	<0.1	4.1	<1	7.5	0.38	0.92	0.9	52
SB-RFE3	1	1.4	<0.1	<1	4.4	1.8	<0.1	1.9	<1	9.6	0.25	0.49	0.6	18
SB-RFE3	2	1.8	<0.1	<1	4.6	1.5	<0.1	1.8	<1	10	0.23	0.45	0.5	18
SB-RFE3	3	1.6	<0.1	<1	4.4	1.3	<0.1	1.8	<1	11	0.23	0.45	0.5	20
SB-RFE3	4	2	<0.1	<1	3.5	1.1	<0.1	1.8	<1	10	0.25	0.53	0.6	21
SB-RFE3	5	1.5	<0.1	<1	5.1	1.5	<0.1	1.7	<1	5.8	0.28	0.56	0.6	20
SB-RFE3	6	1.6	<0.1	<1	6.2	2.3	<0.1	2.3	<1	14	0.25	0.51	0.6	21
SB-RFE3	7	1.5	<0.1	<1	5.7	1.7	<0.1	1.6	<1	12	0.23	0.45	0.6	19
SB-RFE3	8	1.6	<0.1	<1	3.9	1.3	<0.1	2.2	<1	7.9	0.27	0.56	0.6	20
SB-RFE4	1	1.6	<0.1	<1	2.3	<1	<0.1	1.4	<1	6.2	0.26	0.53	1.1	8
SB-RFE4	2	1.3	<0.1	<1	3	1.2	<0.1	1.4	<1	8.9	0.25	0.49	1.1	8
SB-RFE4	3	1.5	<0.1	<1	18	1.4	<0.1	1.3	<1	21	0.22	0.44	1	7
SB-RFE4	4	1.2	<0.1	<1	5.2	1.1	<0.1	1.6	<1	11	0.24	0.47	0.8	7
SB-RFE4	5	1.4	<0.1	<1	2.8	<1	<0.1	1	<1	4.8	0.25	0.49	0.8	7
SB-RFE4	6	1.1	<0.1	<1	3.2	<1	<0.1	1.3	<1	7.1	0.25	0.49	0.8	7
SB-RFE4	7	1.3	<0.1	<1	6.9	1.2	<0.1	1.2	<1	16	0.15	0.27	0.8	8
SB-RFE4	8	1.4	<0.1	<1	3.1	<1	<0.1	1.9	<1	9.3	0.25	0.48	0.9	9
SB-RFE5	1	1.6	<0.1	<1	34	<1	<0.1	4.3	<1	17	0.33	0.72	0.8	6
SB-RFE5	2	1.8	<0.1	<1	5.9	1	<0.1	4.6	<1	15	0.36	0.8	0.9	6
SB-RFE5	3	1.5	0.12	<1	3.6	1.1	<0.1	3.4	<1	10	0.33	0.71	0.9	5
SB-RFE5	4	1.8	<0.1	<1	4.9	1	<0.1	4.7	<1	14	0.31	0.64	0.9	6
SB-RFE5	5	1.7	<0.1	<1	3.7	<1	<0.1	12	<1	9.4	0.37	0.81	0.8	6
SB-RFE5	6	1.9	<0.1	<1	3.3	<1	<0.1	4.4	<1	15	0.32	0.7	0.9	6
SB-RFE5	7	1.7	<0.1	<1	3.5	<1	<0.1	4.3	<1	8.9	0.32	0.67	0.9	5
SB-RFE5	8	1.6	<0.1	<1	4.2	1.1	<0.1	4.5	<1	15	0.37	0.79	0.9	5
MW1	1	1	<0.1	<1	4.6	1.1	<0.1	<1	<1	22	0.25	0.47	1.4	11
MW1	2	1.4	<0.1	<1	8.9	<1	<0.1	1.2	<1	6.9	0.28	0.56	1.5	11
MW1	3	1.8	0.11	<1	8	1	<0.1	1.3	<1	15	0.27	0.52	1.5	11
MW1	4	1.1	<0.1	<1	9.4	1	<0.1	1.4	<1	12	0.24	0.42	1.5	11
MW1	5	1.4	<0.1	1.2	6.7	1.4	<0.1	3.4	<1	15	0.25	0.43	1.4	11
MW1	6	<1	<0.1	<1	6.6	<1	<0.1	1.3	<1	10	0.25	0.46	1.4	11
MW1	7	1.3	<0.1	<1	7.5	1.1	<0.1	1.5	<1	5.2	0.21	0.38	1.5	11
MW1	8	1.5	<0.1	<1	12	1.4	<0.1	1.7	<1	25	0.21	0.39	1.5	12
THB1	1	1.8	<0.1	<1	1.9	<1	<0.1	3.6	<1	6.2	0.33	0.89	0.7	8
THB1	2	1.7	<0.1	<1	1.6	<1	<0.1	3.7	<1	9.8	0.29	0.76	0.7	8
THB1	3	1.9	<0.1	<1	1.4	<1	<0.1	3.5	<1	3.8	0.33	0.89	0.6	7
THB1	4	1.7	<0.1	<1	1.3	<1	<0.1	3.2	<1	8.7	0.34	0.96	0.5	7
THB1	5	1.4	<0.1	<1	1.3	<1	<0.1	3.3	<1	7.2	0.31	0.82	0.6	8
THB1	6	1.6	<0.1	<1	1.4	<1	<0.1	3	<1	1.2	0.3	0.77	0.5	8
THB1	7	1.3	<0.1	<1	1.4	<1	<0.1	3.6	<1	7.5	0.34	0.93	0.4	8
THB1	8	2	<0.1	<1	1.5	<1	<0.1	3.3	<1	4.6	0.28	0.76	0.5	8
WSR45C	1	1.1	<0.1	<1	1.1	<1	<0.1	2.5	<1	4.3	0.33	0.72	0.9	9
WSR45C	2	1.6	<0.1	<1	1.6	<1	<0.1	2.5	<1	27	0.37	0.85	1	10
WSR45C	3	1.3	<0.1	<1	1.1	<1	<0.1	2.5	<1	<1	0.36	0.81	1	10
WSR45C	4	1.3	<0.1	<1	1.2	<1	<0.1	2.3	<1	7.2	0.33	0.7	0.9	9
WSR45C	5	1.3	<0.1	<1	1.2	<1	<0.1	2.8	<1	6.4	0.3	0.64	1	9
WSR45C	6	1.3	<0.1	<1	1.8	<1	<0.1	2.7	<1	17	0.3	0.63	1	9
WSR45C	7	1.4	<0.1	<1	1	<1	<0.1	2.2	<1	9.8	0.34	0.72	0.8	9
WSR45C	8	1.6	<0.1	<1	4.3	<1	<0.1	3.1	<1	16	0.28	0.6	0.9	8
WSR46	1	1.7	<0.1	<1	4.2	1.3	<0.1	3.6	<1	1.7	0.3	0.72	0.9	12
WSR46	2	1.8	<0.1	<1	6.3	1.4	<0.1	3.6	<1	17	0.29	0.86	0.8	11
WSR46	3	1.6	<0.1	<1	4.6	1.1	<0.1	3.9	<1	5.6	0.38	0.92	0.9	11
WSR46	4	1.8	<0.1	<1	3.9	1.2	<0.1	3.4	<1	7.6	0.35	0.86	0.9	11
WSR46	5	1.7	<0.1	<1	6.9	1.4	<0.1	3.7	<1	9.3	0.3	0.72	0.9	11
WSR46	6	1.6	<0.1	<1	6.1	1.8	<0.1	3.1	<1	6.9	0.33	0.78	0.9	10
WSR46	7	1.8	<0.1	<1	6.6	2.3	<0.1	3.3	<1	19	0.33	0.84	0.8	11
WSR46	8	1.7	<0.1	<1	4.7	1.8	<0.1	3	<1	11	0.31	0.73	0.7	12

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.