

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

Date: 4 November 2014

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	0.1	1.0	1.0	1.0	1.0	0.005	0.015	0.5	2
SB-IPF1	1	2.3	<0.1	3.7	4.9	1	<0.1	1.8	<1	6.6	<0.005	0.3125	4.5	15
SB-IPF1	2	2	<0.1	1.5	9.4	1.2	<0.1	1.2	<1	16	<0.005	0.2725	1.8	16
SB-IPF1	3	2	<0.1	1.2	4.3	<1	<0.1	<1	<1	13	<0.005	0.2625	2.1	16
SB-IPF1	4	1.8	<0.1	1.8	7.1	1.2	<0.1	1	<1	16	<0.005	0.3025	2.5	15
SB-IPF1	5	2.5	<0.1	2.2	4.9	1	<0.1	<1	<1	11	<0.005	0.3625	1.7	15
SB-IPF1	6	1.8	<0.1	1.4	4.1	<1	<0.1	<1	<1	16	<0.005	0.2825	1.8	16
SB-IPF1	7	1.6	<0.1	1.1	4	<1	<0.1	1	<1	6.1	<0.005	0.3625	1.4	16
SB-IPF1	8	1.5	0.12	<1	5.5	<1	<0.1	1.1	<1	10	<0.005	0.3125	1.8	15
SB-IPF2	1	2.5	<0.1	<1	2.7	1	<0.1	1.4	<1	3.9	0.007	0.307	2.5	13
SB-IPF2	2	1.9	<0.1	1.3	9.7	1.3	<0.1	1.3	<1	17	0.012	0.322	2.4	12
SB-IPF2	3	2.1	<0.1	1.2	4	1.3	<0.1	1	<1	9.6	0.052	0.432	1.8	13
SB-IPF2	4	2.2	<0.1	1.1	2.7	<1	<0.1	1.7	<1	8.5	0.031	0.411	1.4	13
SB-IPF2	5	2.3	0.12	<1	2.2	1.1	<0.1	1.7	<1	2.2	0.015	0.385	1.5	13
SB-IPF2	6	1.7	<0.1	1.1	2.2	1.1	<0.1	1.3	<1	7.4	0.01	0.33	1.6	12
SB-IPF2	7	1.5	<0.1	1.1	1.4	<1	<0.1	<1	<1	3.8	<0.005	0.2925	1.4	12
SB-IPF2	8	2.4	<0.1	1.1	1.8	1	<0.1	1.5	<1	7.4	0.11	0.49	1.5	13
SB-IPF3	1	1.9	0.14	1.2	3.7	1.2	<0.1	<1	<1	7.2	0.017	0.367	3.8	12
SB-IPF3	2	2.5	0.12	1.8	4.8	1.1	<0.1	<1	<1	14	0.041	0.391	3.2	11
SB-IPF3	3	1.6	<0.1	2.8	3.4	1.2	<0.1	<1	<1	8.9	<0.005	0.3525	1.7	12
SB-IPF3	4	1.9	0.11	1.1	3.7	1.1	<0.1	<1	<1	9.5	<0.005	0.3125	1.9	12
SB-IPF3	5	2	0.19	1.1	5	<1	<0.1	<1	<1	10	0.022	0.322	2.2	12
SB-IPF3	6	2.1	0.15	1.2	7.1	4.3	<0.1	1.5	<1	270	<0.005	0.2925	2.3	11
SB-IPF3	7	1.7	<0.1	<1	3.6	1	<0.1	<1	<1	8.4	0.023	0.373	1.8	12
SB-INF1	1	2.4	<0.1	<1	3.3	1	<0.1	<1	<1	5.8	0.008	0.258	2	7
SB-INF1	2	2.2	<0.1	<1	5.2	1.2	<0.1	1.4	<1	9.3	0.022	0.352	2.9	7
SB-INF1	3	2.3	<0.1	1	4.4	1.1	<0.1	<1	<1	9.4	0.011	0.251	3	7
SB-INF1	4	2	<0.1	1.3	7.7	1.4	<0.1	1.4	<1	11	0.009	0.339	3.4	7
SB-INF1	5	2.2	<0.1	<1	4.6	1.1	<0.1	1.2	<1	9.2	0.008	0.338	2.7	7
SB-INF1	6	2.2	<0.1	3.1	3.3	1.5	<0.1	1.5	<1	13	0.032	0.442	3.2	7
SB-INF1	7	1.8	<0.1	1.1	2.9	1.2	<0.1	<1	<1	7.2	0.008	0.288	2.7	7
SB-INF1	8	2.4	<0.1	<1	3.4	1.3	<0.1	<1	<1	5.4	<0.005	0.3125	2.1	8
SB-INF2	1	2.1	<0.1	<1	4.2	<1	<0.1	<1	<1	8.2	0.063	0.353	1.5	20
SB-INF2	2	2.1	<0.1	<1	3.6	<1	<0.1	<1	<1	12	0.01	0.31	1.3	9
SB-INF2	3	2.2	<0.1	2.7	8.2	1.2	<0.1	<1	<1	13	0.044	0.344	1.2	14
SB-INF2	4	2.4	<0.1	<1	8.3	1.4	<0.1	<1	<1	16	0.007	0.297	1.3	15
SB-INF2	5	2.1	<0.1	<1	3.7	1.4	<0.1	<1	<1	17	0.021	0.311	1.3	14
SB-INF2	6	2.6	<0.1	<1	7.7	1	<0.1	<1	<1	11	0.005	0.255	1.3	15
SB-INF2	7	2.4	<0.1	<1	6.8	<1	<0.1	<1	<1	12	0.005	0.295	<0.5	14
SB-INF2	8	2.7	<0.1	<1	7.9	1.1	<0.1	1.2	<1	12	<0.005	0.3025	<0.5	15
SB-INF3	1	2	0.18	<1	4.3	1	<0.1	1.2	<1	11	0.018	0.348	<0.5	9
SB-INF3	2	2.3	0.15	<1	5.6	<1	<0.1	1.4	<1	15	0.011	0.301	<0.5	12
SB-INF3	3	2.7	0.13	1.3	6	<1	<0.1	1.5	<1	43	0.013	0.293	1.1	11
SB-INF3	4	2	<0.1	<1	4.8	<1	<0.1	1.3	<1	80	0.02	0.34	1.6	10
SB-INF3	5	2.7	0.15	1.4	7.4	<1	<0.1	1.9	<1	11	0.015	0.475	1.2	10
SB-INF3	6	2.2	0.15	<1	3.2	<1	<0.1	<1	<1	9.9	0.02	0.35	1.4	10
SB-INF3	7	1.9	<0.1	<1	4.9	<1	<0.1	<1	<1	7.8	0.013	0.313	1.6	10
SB-INF3	8	1.7	0.13	<1	2.4	<1	<0.1	<1	<1	7.6	0.013	0.253	1.8	11
SB-RFF1	1	1.6	<0.1	<1	4.3	<1	<0.1	<1	<1	8.4	0.011	0.301	1.7	16
SB-RFF1	2	1.9	<0.1	<1	3.2	<1	<0.1	1.4	<1	7.7	0.008	0.278	1.8	15
SB-RFF1	3	2.1	<0.1	1	4.2	<1	<0.1	1.1	<1	8.8	0.01	0.31	1.6	16
SB-RFF1	4	2.1	<0.1	1.1	5.6	1	<0.1	<1	<1	8.3	0.008	0.318	1.5	17
SB-RFF1	5	1.8	<0.1	<1	3.5	<1	<0.1	1	<1	17	0.007	0.307	1.6	15
SB-RFF1	6	2.4	<0.1	<1	2.8	<1	<0.1	1.3	<1	13	0.007	0.327	1.7	16
SB-RFF1	7	2.2	<0.1	<1	2.7	<1	<0.1	<1	<1	10	0.007	0.		

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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
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
THB2	4	1.4	0.37	1	3	1.3	<0.1	1.9	<1	8.9	<0.005	0.3425	2.4	10
THB2	5	1.6	0.69	1.5	4	1.7	<0.1	2.3	<1	13	0.005	0.335	2.4	9
THB2	6	2.1	0.49	2.4	4	2.3	<0.1	1.6	<1	16	<0.005	0.3025	2.1	9
THB2	7	2.7	0.58	1.6	9.1	1.9	<0.1	2.7	<1	15	0.007	0.427	1.3	9
THB2	8	2	0.54	1.3	4.8	2.5	<0.1	2.1	<1	15	0.006	0.396	1.6	9
WSR45C	1	1.7	0.18	<1	22	1.1	<0.1	<1	<1	6	0.008	0.208	1	11
WSR45C	2	2	0.18	<1	2.4	1.4	<0.1	<1	<1	6.6	0.008	0.208	1.4	14
WSR45C	3	2.1	0.18	<1	5.2	1.5	<0.1	<1	<1	5.5	0.009	0.219	1.3	13
WSR45C	4	1.7	0.21	<1	1.6	1.2	<0.1	<1	<1	4.4	0.006	0.246	2.3	13
WSR45C	5	1.1	0.22	1.6	2.6	1.1	<0.1	<1	<1	2.7	0.073	0.353	1.9	14
WSR45C	6	1.8	0.15	<1	1.5	<1	<0.1	<1	<1	4.4	0.012	0.242	1.8	14
WSR45C	7	2.6	0.18	<1	2.2	1.7	<0.1	<1	<1	14	0.026	0.236	2	12
WSR45C	8	1.6	0.22	<1	2.4	<1	<0.1	<1	<1	7.6	0.016	0.236	1.9	13
WSR46	1	2.6	1.4	<1	4	<1	<0.1	<1	<1	11	0.016	0.376	1.4	16
WSR46	2	2.1	0.36	<1	2.7	<1	<0.1	<1	<1	17	0.017	0.367	1.4	18
WSR46	3	2	0.35	1.2	3.9	<1	<0.1	<1	<1	12	0.02	0.38	1.3	18
WSR46	4	1.6	1.3	1	5.4	1.1	<0.1	<1	<1	10	<0.005	0.3225	1.4	17
WSR46	5	1.8	0.35	<1	2.8	<1	<0.1	<1	<1	8.9	0.006	0.316	1.4	17
WSR46	6	3	0.35	<1	2.5	<1	<0.1	<1	<1	6.7	0.013	0.353	1.3	18
WSR46	7	2.4	0.85	1.2	3.5	<1	<0.1	<1	<1	17	0.053	0.423	1.2	18
WSR46	8	1.6	0.29	<1	2.9	<1	<0.1	<1	<1	8.1	0.097	0.467	1.4	17

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.