

Summary Report - Water Quality - Routine Water Quality Monitoring for ESC CMP Vb

Date: 6 January 2022

Station ID	Replicate	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Silver	Zinc	NH3-N	TIN	BOD5	SS
		$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	$\mu\text{g/L}$	mg/L	mg/L	mg/L	mg/L
Reporting Limit		1.0	0.5	1.0	1.0	1.0	0.5	1.0	1.0	1.0	0.02	0.04	0.5	2.0
ESC-IPF1	1	2.2	<0.5	<1.0	2.5	<1.0	<0.5	1.2	<1.0	18.9	0.1	0.41	1.1	25.3
ESC-IPF1	2	2.5	<0.5	<1.0	2.7	1.0	<0.5	1.1	<1.0	18.8	0.13	0.48	1.3	21.7
ESC-IPF1	3	1.8	<0.5	<1.0	2.0	<1.0	<0.5	<1.0	<1.0	13.2	0.17	0.51	1.0	21.9
ESC-IPF1	4	2.3	<0.5	<1.0	2.6	1.2	<0.5	1.1	<1.0	18.2	0.13	0.46	1.1	23.2
ESC-IPF2	1	1.9	<0.5	<1.0	2.9	<1.0	<0.5	1.1	<1.0	23.6	0.08	0.37	1.0	23.2
ESC-IPF2	2	2.3	<0.5	<1.0	2.5	<1.0	<0.5	<1.0	<1.0	27.2	0.09	0.40	0.9	21.2
ESC-IPF2	3	2.6	<0.5	<1.0	2.7	<1.0	<0.5	<1.0	<1.0	23.9	0.09	0.38	1.0	19.7
ESC-IPF2	4	2.1	<0.5	<1.0	2.1	<1.0	<0.5	<1.0	<1.0	22.8	0.11	0.40	1.1	19.5
ESC-IPF3	1	2.4	<0.5	<1.0	2.6	<1.0	<0.5	1.0	<1.0	26.8	0.13	0.45	1.1	21.9
ESC-IPF3	2	2.2	<0.5	<1.0	2.1	<1.0	<0.5	<1.0	<1.0	22.1	0.12	0.38	1.2	22.1
ESC-IPF3	3	2.3	<0.5	<1.0	2.8	<1.0	<0.5	<1.0	<1.0	27.2	0.11	0.39	1.1	20.8
ESC-IPF3	4	2.3	<0.5	<1.0	2.2	<1.0	<0.5	<1.0	<1.0	16.9	0.11	0.40	1.1	26.0
ESC-INF1	1	2.3	<0.5	<1.0	2.1	1.1	<0.5	1.1	<1.0	21.1	0.17	0.54	1.0	30.8
ESC-INF1	2	2.4	<0.5	<1.0	2.4	1.2	<0.5	1.1	<1.0	22.1	0.10	0.41	1.2	32.6
ESC-INF1	3	2.5	<0.5	<1.0	3.0	1.3	<0.5	<1.0	<1.0	22.8	0.09	0.41	1.1	33.4
ESC-INF1	4	2.3	<0.5	<1.0	2.9	1.2	<0.5	1.3	<1.0	17.1	0.12	0.43	1.4	31.7
ESC-INF2	1	2.1	<0.5	<1.0	2.3	1.1	<0.5	1.1	<1.0	23.1	0.13	0.47	1.6	29.5
ESC-INF2	2	2.1	<0.5	<1.0	2.7	1.2	<0.5	1.2	<1.0	27.9	0.13	0.45	1.4	30.7
ESC-INF2	3	2.3	<0.5	<1.0	2.8	1.2	<0.5	1.2	<1.0	24.8	0.13	0.49	2.0	28.7
ESC-INF2	4	2.4	<0.5	<1.0	2.7	1.3	<0.5	1.1	<1.0	25.1	0.15	0.48	2.3	36.0
ESC-INF3	1	2.5	<0.5	<1.0	3.6	1.6	<0.5	<1.0	<1.0	24.0	0.13	0.43	3.6	33.5
ESC-INF3	2	2.2	<0.5	<1.0	2.7	1.5	<0.5	1.0	<1.0	25.6	0.11	0.38	3.4	31.4
ESC-INF3	3	2.7	<0.5	<1.0	2.5	1.5	<0.5	1.1	<1.0	19.2	0.09	0.36	3.9	35.8
ESC-INF3	4	2.4	<0.5	<1.0	3.2	1.6	<0.5	1.2	<1.0	26.3	0.13	0.43	3.2	37.2
ESC-RFF1A	1	2.1	<0.5	<1.0	2.4	<1.0	<0.5	1.0	<1.0	19.2	0.10	0.37	3.2	26.8
ESC-RFF1A	2	2.2	<0.5	<1.0	2.0	<1.0	<0.5	<1.0	<1.0	21.3	0.09	0.35	3.4	24.7
ESC-RFF1A	3	2.3	<0.5	<1.0	1.9	<1.0	<0.5	1.1	<1.0	16.7	0.09	0.33	2.9	23.0
ESC-RFF1A	4	2.3	<0.5	<1.0	2.4	<1.0	<0.5	<1.0	<1.0	25.7	0.11	0.36	2.6	25.5
ESC-RFF2A	1	2.2	<0.5	<1.0	2.1	<1.0	<0.5	1.0	<1.0	24.8	0.12	0.39	2.6	27.0
ESC-RFF2A	2	2.2	<0.5	<1.0	2.0	<1.0	<0.5	<1.0	<1.0	29.6	0.13	0.41	2.8	29.0
ESC-RFF2A	3	2.3	<0.5	<1.0	1.5	<1.0	<0.5	<1.0	<1.0	19.1	0.08	0.34	2.8	20.3
ESC-RFF2A	4	2.3	<0.5	<1.0	2.0	<1.0	<0.5	<1.0	<1.0	23.8	0.09	0.37	2.6	26.9
ESC-RFF3	1	2.3	<0.5	<1.0	2.5	1.2	<0.5	<1.0	<1.0	20.5	0.10	0.41	2.0	35.2
ESC-RFF3	2	2.5	<0.5	<1.0	2.1	1.2	<0.5	<1.0	<1.0	28.8	0.10	0.36	2.1	28.2
ESC-RFF3	3	1.9	<0.5	<1.0	2.0	1.1	<0.5	<1.0	<1.0	26.5	0.07	0.33	2.2	34.3
ESC-RFF3	4	2.1	<0.5	<1.0	1.8	1.0	<0.5	1.0	<1.0	15.4	0.08	0.32	2.3	34.7
MW1	1	2.1	<0.5	<1.0	2.1	1.4	<0.5	<1.0	<1.0	24.5	0.11	0.35	2.5	34.3
MW1	2	2.5	<0.5	<1.0	3.1	1.6	<0.5	<1.0	<1.0	22.8	0.10	0.33	2.6	29.2
MW1	3	2.2	<0.5	<1.0	2.2	1.3	<0.5	<1.0	<1.0	25.3	0.10	0.34	2.7	32.4
MW1	4	2.6	<0.5	<1.0	3.1	1.5	<0.5	1.1	<1.0	23.7	0.11	0.36	2.4	30.5

Note: ESC-INE/INF - Intermediate stations; ESC-IPE/IPF - Impact stations; ESC-RFE/RFF - Reference stations; MW - Ma Wan station.