

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

Date: 8 June 2021

Station ID	Replicate	Arsenic µg/L	Cadmium µg/L	Chromium µg/L	Copper µg/L	Lead µg/L	Mercury µg/L	Nickel µg/L	Silver µg/L	Zinc µg/L	NH3-N mg/L	TIN mg/L	BOD5 mg/L	SS 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-IPE1A	1	2.0	<0.5	<1	18.4	1.1	<0.5	<1	<1	23.3	0.07	0.56	1.1	11.4
ESC-IPE1A	2	2.2	<0.5	<1	16.5	<1	<0.5	<1	<1	17.3	0.06	0.59	1.2	10.7
ESC-IPE1A	3	2.0	<0.5	<1	16.6	1.1	<0.5	<1	<1	24.2	0.09	0.60	1.3	9.6
ESC-IPE1A	4	2.1	<0.5	<1	16.7	<1	<0.5	<1	<1	25.2	0.08	0.54	1.2	10.3
ESC-IPE2A	1	2.6	<0.5	<1	9.1	<1	<0.5	<1	<1	33.8	0.03	0.56	1.4	12.5
ESC-IPE2A	2	2.1	<0.5	<1	9.3	<1	<0.5	<1	<1	32.6	0.12	0.78	1.4	12.7
ESC-IPE2A	3	2.5	<0.5	<1	10.2	<1	<0.5	<1	<1	25.9	0.09	0.69	1.3	12.8
ESC-IPE2A	4	2.1	<0.5	<1	9.9	<1	<0.5	<1	<1	32.6	0.05	0.63	1.5	13.1
ESC-IPE3	1	2.2	<0.5	<1	36.1	<1	<0.5	<1	<1	17.0	0.05	0.63	1.6	16.9
ESC-IPE3	2	2.2	<0.5	<1	40.2	1.7	<0.5	<1	<1	41.8	0.07	0.60	1.6	18.1
ESC-IPE3	3	2.5	<0.5	<1	44.1	1.9	<0.5	<1	<1	35.9	0.08	0.61	1.6	19.3
ESC-IPE3	4	2.4	<0.5	<1	47.0	2.3	<0.5	<1	<1	47.6	0.06	0.60	1.6	16.9
ESC-IPE4	1	2.1	<0.5	<1	12.3	<1	<0.5	<1	<1	20.6	0.09	0.58	1.7	23.6
ESC-IPE4	2	2.1	<0.5	<1	16.0	<1	<0.5	<1	<1	77.2	0.08	0.59	1.7	12.7
ESC-IPE4	3	2.1	<0.5	<1	12.9	<1	<0.5	<1	<1	20.6	0.06	0.56	1.4	11.3
ESC-IPE4	4	2.4	<0.5	<1	13.7	<1	<0.5	<1	<1	22.6	0.06	0.55	1.4	12.0
ESC-IPE5	1	2.1	<0.5	<1	17.4	<1	<0.5	<1	<1	23.3	0.08	0.59	1.4	10.3
ESC-IPE5	2	2.0	<0.5	<1	20.0	<1	<0.5	<1	<1	26.6	0.09	0.59	1.6	12.4
ESC-IPE5	3	2.2	<0.5	<1	19.3	<1	<0.5	<1	<1	34.6	0.08	0.65	1.4	10.5
ESC-IPE5	4	2.2	<0.5	<1	21.4	1.1	<0.5	<1	<1	40.4	0.08	0.58	1.5	11.5
ESC-INE1A	1	2.2	<0.5	<1	10.3	<1	<0.5	<1	<1	19.7	0.04	0.42	1.2	9.0
ESC-INE1A	2	2.2	<0.5	<1	10.2	<1	<0.5	<1	<1	19.7	0.08	0.50	1.4	11.1
ESC-INE1A	3	3.1	<0.5	1.9	21.0	<1	<0.5	1.3	<1	72.3	0.04	0.42	1.3	8.6
ESC-INE1A	4	2.9	<0.5	1.0	14.8	<1	<0.5	<1	<1	19.1	0.03	0.41	1.7	7.7
ESC-INE2A	1	3.4	<0.5	<1	36.5	1.1	<0.5	1.5	<1	51.3	0.10	0.79	1.5	9.2
ESC-INE2A	2	3.5	<0.5	1.6	40.9	1.2	<0.5	1.4	<1	45.5	0.06	0.60	1.7	9.6
ESC-INE2A	3	2.3	<0.5	<1	31.2	1.5	<0.5	<1	<1	36.7	0.03	0.56	2.0	10.7
ESC-INE2A	4	3.6	<0.5	1.1	41.8	1.2	<0.5	2.0	<1	73.2	0.07	0.68	1.8	9.5
ESC-INE3A	1	2.3	<0.5	<1	25.8	<1	<0.5	<1	<1	23.5	0.06	0.43	1.6	11.8
ESC-INE3A	2	1.9	<0.5	<1	24.4	1.0	<0.5	<1	<1	36.7	0.07	0.49	1.7	15.4
ESC-INE3A	3	2.5	<0.5	1.3	38.1	<1	<0.5	<1	<1	60.2	0.05	0.43	1.5	11.5
ESC-INE3A	4	3.0	<0.5	1.1	39.1	1.1	<0.5	1.3	<1	58.1	0.06	0.42	1.8	12.2
ESC-INE4A	1	2.0	<0.5	<1	21.9	<1	<0.5	<1	<1	20.2	0.05	0.50	1.8	9.2
ESC-INE4A	2	3.4	<0.5	<1	41.7	<1	<0.5	1.1	<1	31.2	0.08	0.59	1.7	8.1
ESC-INE4A	3	2.1	<0.5	<1	29.0	1.0	<0.5	<1	<1	25.7	0.03	0.48	1.7	10.6
ESC-INE4A	4	3.1	<0.5	1.1	32.1	<1	<0.5	<1	<1	31.7	0.02	0.44	2.1	9.0
ESC-INE5A	1	3.2	<0.5	1.1	40.0	1.0	<0.5	<1	<1	42.5	0.05	0.51	2.0	9.5
ESC-INE5A	2	3.3	<0.5	1.1	58.0	1.3	<0.5	<1	<1	51.3	0.04	0.49	1.9	11.0
ESC-INE5A	3	2.9	<0.5	<1	54.3	1.5	<0.5	1.0	<1	46.2	0.05	0.49	1.7	12.3
ESC-INE5A	4	2.9	<0.5	<1	39.0	<1	<0.5	<1	<1	35.1	0.13	0.65	1.8	11.8
ESC-RFE1	1	3.3	<0.5	1.0	23.9	<1	<0.5	1.4	<1	37.4	0.08	0.66	1.8	9.9
ESC-RFE1	2	3.0	<0.5	<1	33.0	<1	<0.5	1.6	<1	23.4	0.04	0.65	1.7	9.3
ESC-RFE1	3	3.2	<0.5	<1	26.9	<1	<0.5	1.3	<1	21.3	0.07	0.69	1.7	11.5
ESC-RFE1	4	2.6	<0.5	2.0	18.4	<1	<0.5	<1	<1	25.1	0.04	0.64	1.8	11.3
ESC-RFE2	1	2.8	<0.5	<1	23.1	<1	<0.5	1.3	<1	53.8	0.10	0.71	1.6	10.0
ESC-RFE2	2	3.4	<0.5	1.2	30.9	<1	<0.5	<1	<1	32.4	0.07	0.68	1.6	10.2
ESC-RFE2	3	3.3	<0.5	1.1	16.6	<1	<0.5	<1	<1	27.2	0.17	0.89	1.5	12.4
ESC-RFE2	4	3.7	<0.5	1.1	18.9	<1	<0.5	1.2	<1	56.1	0.05	0.65	1.7	12.6
ESC-RFE3	1	2.6	<0.5	1.0	9.5	<1	<0.5	<1	<1	28.9	0.03	0.64	1.6	10.4
ESC-RFE3	2	2.9	<0.5	<1	12.3	<1	<0.5	<1	<1	32.1	0.07	0.68	1.4	10.8
ESC-RFE3	3	2.9	<0.5	1.1	12.3	<1	<0.5	<1	<1	30.1	0.08	0.71	1.5	13.4
ESC-RFE3	4	2.9	<0.5	1.1	8.6	<1	<0.5	1.2	<1	31.6	0.06	0.68	1.4	19.1
ESC-RFE4	1	2.9	<0.5	1.0	26.0	1.2	<0.5	<1	<1	48.7	0.10	0.69	1.2	8.2
ESC-RFE4	2	3.0	<0.5	<1	28.7	1.4	<0.5	1.2	<1	48.0	0.08	0.61	1.3	8.5
ESC-RFE4	3	2.4	<0.5	<1	18.3	<1	<0.5	<1	<1	46.0	0.04	0.55	1.2	8.8
ESC-RFE4	4	2.7	<0.5	<1	19.1	<1	<0.5	1.1	<1	36.2	0.08	0.52	1.6	7.5
ESC-RFE5	1	2.7	<0.5	1.1	81.4	3.5	<0.5	<1	<1	82.7	0.05	0.54	1.6	11.2
ESC-RFE5	2	3.2	<0.5	1.2	86.9	3.9	<0.5	1.4	<1	89.3	0.03	0.52	1.6	7.1
ESC-RFE5	3	3.0	<0.5	1.3	97.5	4.0	<0.5	1.2	<1	100.3	0.02	0.50	1.7	7.4
ESC-RFE5	4	2.8	<0.5	1.4	89.4	3.6	<0.5	1.5	<1	91.0	0.12	0.66	1.7	11.2
MW1	1	2.8	<0.5	1.1	12.5	<1	<0.5	<1	<1	39.2	0.09	0.31	1.7	11.7
MW1	2	3.0	<0.5	1.1	11.5	<1	<0.5	<1	<1	35.3	0.07	0.29	1.7	12.6
MW1	3	2.8	<0.5	<1	10.0	<1	<0.5	1.4	<1	31.0	0.08	0.31	1.8	11.9
MW1	4	3.3	<0.5	<1	13.4	<1	<0.5	1.7	<1	30.2	0.06	0.26	1.9	11.0

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