

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

Date: 10 July 2020

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
ESC-IPF1	1	2.1	<0.5	1.1	8.0	<1	<0.5	<1	<1	7.8	0.10	0.87	2.7	5.5
ESC-IPF1	2	2.0	<0.5	1.2	34.7	1.2	<0.5	<1	<1	5.5	0.14	0.90	2.2	5.4
ESC-IPF1	3	2.0	<0.5	1.2	81.2	1.2	<0.5	<1	<1	4.9	0.13	0.93	2.0	5.5
ESC-IPF1	4	2.2	<0.5	1.5	8.5	<1	<0.5	1.1	<1	13.6	0.15	1.01	2.0	5.1
ESC-IPF1	5	2.1	<0.5	1.4	35.8	1.2	<0.5	<1	<1	4.8	0.10	0.90	2.7	5.2
ESC-IPF1	6	2.1	<0.5	1.5	259.3	1.3	<0.5	<1	<1	9.2	0.14	0.93	1.3	5.4
ESC-IPF1	7	2.1	<0.5	1.5	13.3	1.4	<0.5	<1	<1	5.1	0.14	0.91	2.1	5.9
ESC-IPF1	8	2.2	<0.5	1.5	57.0	2.0	<0.5	<1	<1	16.9	0.16	0.95	2.2	5.4
ESC-IPF2	1	2.0	<0.5	1.4	11.0	<1	<0.5	<1	<1	15.5	0.09	1.00	2.3	7.1
ESC-IPF2	2	2.3	<0.5	1.2	9.3	<1	<0.5	<1	<1	7.8	0.14	1.05	2.3	6.9
ESC-IPF2	3	2.2	<0.5	1.2	9.6	<1	<0.5	<1	<1	9.5	0.09	1.01	2.2	7.3
ESC-IPF2	4	2.0	<0.5	1.2	9.4	<1	<0.5	<1	<1	34.5	0.10	1.02	2.1	7.1
ESC-IPF2	5	2.1	<0.5	1.1	35.5	<1	<0.5	<1	<1	10.0	0.09	1.02	2.4	6.9
ESC-IPF2	6	2.4	<0.5	1.3	12.3	<1	<0.5	<1	<1	10.2	0.10	1.01	2.4	6.7
ESC-IPF2	7	2.2	<0.5	1.4	42.0	<1	<0.5	<1	<1	10.0	0.16	2.30	2.1	7.4
ESC-IPF2	8	2.0	<0.5	1.2	44.3	1.7	<0.5	<1	<1	23.7	0.08	1.03	1.6	7.0
ESC-IPF3	1	2.2	<0.5	1.3	17.5	<1	<0.5	<1	<1	10.4	0.12	0.68	2.2	9.3
ESC-IPF3	2	2.2	<0.5	1.4	9.9	<1	<0.5	<1	<1	7.1	0.10	0.67	2.0	9.6
ESC-IPF3	3	2.1	<0.5	1.2	8.4	1.1	<0.5	<1	<1	8.2	0.11	0.74	1.7	9.8
ESC-IPF3	4	2.2	<0.5	1.6	9.3	<1	<0.5	<1	<1	9.6	0.10	0.66	1.8	10.1
ESC-IPF3	5	2.3	<0.5	1.1	1.1	<1	<0.5	<1	<1	6.3	0.15	0.71	2.3	9.6
ESC-IPF3	6	2.0	<0.5	1.2	15.7	<1	<0.5	<1	<1	12.2	0.14	0.70	2.0	9.6
ESC-IPF3	7	2.3	<0.5	1.3	10.7	<1	<0.5	<1	<1	7.5	0.12	0.69	1.7	8.7
ESC-IPF3	8	2.1	<0.5	1.4	24.5	<1	<0.5	<1	<1	8.4	0.13	0.69	1.8	9.5
ESC-INF1	1	2.1	<0.5	1.2	13.5	<1	<0.5	<1	<1	10.3	0.06	1.00	2.0	5.2
ESC-INF1	2	2.2	<0.5	1.4	11.8	<1	<0.5	<1	<1	12.1	0.10	1.13	1.7	5.4
ESC-INF1	3	2.0	<0.5	1.3	12.5	<1	<0.5	<1	<1	4.3	0.08	1.07	1.7	4.9
ESC-INF1	4	2.3	<0.5	1.1	16.1	<1	<0.5	<1	<1	6.0	0.12	1.08	1.8	5.6
ESC-INF1	5	2.1	<0.5	1.2	9.7	<1	<0.5	<1	<1	9.0	0.06	1.06	2.1	5.0
ESC-INF1	6	2.0	<0.5	<1	17.4	<1	<0.5	<1	<1	8.7	0.08	1.02	1.6	5.5
ESC-INF1	7	2.2	<0.5	1.2	15.5	<1	<0.5	<1	<1	7.9	0.08	1.04	1.8	5.5
ESC-INF1	8	2.2	<0.5	1.1	14.0	<1	<0.5	<1	<1	8.5	0.09	1.20	2.7	5.3
ESC-INF2	1	2.0	<0.5	1.3	59.2	3.4	<0.5	<1	<1	64.3	0.10	0.98	2.0	8.2
ESC-INF2	2	2.2	<0.5	1.4	35.9	1.9	<0.5	<1	<1	23.7	0.09	0.99	2.1	7.5
ESC-INF2	3	2.2	<0.5	1.6	15.4	1.4	<0.5	<1	<1	8.8	0.11	1.02	1.8	8.2
ESC-INF2	4	2.1	<0.5	1.5	16.2	1.5	<0.5	<1	<1	7.9	0.12	1.11	1.9	7.6
ESC-INF2	5	2.4	<0.5	1.4	24.2	1.7	<0.5	<1	<1	11.9	0.08	0.99	2.1	8.0
ESC-INF2	6	2.3	<0.5	1.6	19.6	1.4	<0.5	<1	<1	7.0	0.08	1.05	2.1	7.3
ESC-INF2	7	2.3	<0.5	1.3	31.7	<1	<0.5	<1	<1	10.4	0.09	1.05	1.8	8.4
ESC-INF2	8	2.2	<0.5	1.5	16.5	1.5	<0.5	<1	<1	9.0	0.07	1.09	1.8	7.2
ESC-INF3	1	2.3	<0.5	1.3	13.0	<1	<0.5	<1	<1	8.9	0.13	0.79	2.1	5.6
ESC-INF3	2	2.3	<0.5	1.4	13.6	<1	<0.5	<1	<1	10.9	0.13	0.77	2.4	5.5
ESC-INF3	3	2.3	<0.5	1.3	15.1	<1	<0.5	<1	<1	6.4	0.15	0.82	2.3	5.6
ESC-INF3	4	2.4	<0.5	1.2	12.2	<1	<0.5	<1	<1	5.6	0.15	0.84	2.2	5.3
ESC-INF3	5	2.3	<0.5	1.3	16.4	<1	<0.5	<1	<1	10.8	0.17	0.90	2.1	5.7
ESC-INF3	6	2.2	<0.5	1.3	221.9	<1	<0.5	<1	<1	11.1	0.13	1.10	2.4	5.5
ESC-INF3	7	2.1	<0.5	1.4	135.0	<1	<0.5	<1	<1	8.0	0.11	0.76	2.3	5.3
ESC-INF3	8	2.4	<0.5	1.4	46.0	1.4	<0.5	<1	<1	11.8	0.14	0.82	2.3	5.5
ESC-RFF1	1	2.3	<0.5	1.6	7.0	1.1	<0.5	<1	<1	10.3	0.10	0.96	2.5	5.5
ESC-RFF1	2	2.2	<0.5	1.3	6.9	1.3	<0.5	<1	<1	15.4	0.08	0.92	2.5	4.9
ESC-RFF1	3	2.3	<0.5	1.6	7.1	1.3	<0.5	<1	<1	14.6	0.11	0.96	2.7	5.7
ESC-RFF1	4	2.1	<0.5	1.3	6.3	1.2	<0.5	<1	<1	32.2	0.09	0.96	2.6	5.1
ESC-RFF1	5	2.1	<0.5	1.3	8.0	1.2	<0.5	<1	<1	9.9	0.11	0.95	2.6	5.5
ESC-RFF1	6	2.1	<0.5	1.3	7.7	1.4	<0.5	<1	<1	14.4	0.06	0.91	2.7	5.0
ESC-RFF1	7	2.3	<0.5	1.2	8.9	1.1	<0.5	<1	<1	13.5	0.12	1.04	2.7	5.7
ESC-RFF1	8	2.3	<0.5	1.4	15.6	1.1	<0.5	<1	<1	21.9	0.09	0.94	2.6	4.9
ESC-RFF2	1	2.4	<0.5	1.3	10.0	1.3	<0.5	<1	<1	13.2	0.12	0.98	2.3	9.3
ESC-RFF2	2	1.7	<0.5	1.0	9.7	1.1	<0.5	<1	<1	12.9	0.12	0.84	2.3	9.6
ESC-RFF2	3	2.1	<0.5	1.3	13.3	<1	<0.5	<1	<1	11.0	0.12	0.84	2.0	10.0
ESC-RFF2	4	2.0	<0.5	1.3	11.5	1.1	<0.5	<1	<1	8.4	0.13	0.83	2.0	9.2
ESC-RFF2	5	2.4	<0.5	1.2	10.1	1.1	<0.5	<1	<1	17.6	0.09	0.81	2.2	9.8
ESC-RFF2	6	2.3	<0.5	1.2	10.6	1.2	<0.5	<1	<1	12.9	0.13	0.86	2.4	9.6
ESC-RFF2	7	2.3	<0.5	1.4	11.9	1.3	<0.5	<1	<1	17.2	0.13	0.84	2.0	10.0
ESC-RFF2	8	2.2	<0.5	1.3	10.2	1.1	<0.5	<1	<1	10.4	0.14	0.88	1.9	10.0
ESC-RFF3	1	2.1	<0.5	1.4	49.0	<1	<0.5	<1	<1	9.6	0.09	0.98	1.7	7.5
ESC-RFF3	2	2.2	<0.5	1.4	6.6	<1	<0.5	<1	<1	12.2	0.12	1.13	2.0	7.0
ESC-RFF3	3	2.4	<0.5	1.2	12.5	<1	<0.5	<1	<1	8.8	0.09	0.90	2.2	7.3
ESC-RFF3	4	2.5	<0.5	1.1	7.1	<1	<0.5	<1	<1	9.9	0.12	0.97	2.2	7.5
ESC-RFF3	5	2.1	<0.5	1.2	6.9	<1	<0.5	<1	<1	8.2	0.08	0.91	1.8	7.1
ESC-RFF3	6	2.3	<0.5	1.3	14.1	<1	<0.5	<1	<1	14.2	0.07	0.98	2.0	7.1
ESC-RFF3	7	2.4	<0.5	1.3	6.4	<1	<0.5	<1	<1	10.6	0.09	0.91	2.2	7.5
ESC-RFF3	8	2.2	<0.5	1.1	7.3	<1	<0.5	<1	<1	26.6	0.09	0.95	2.0	6.9
MW1	1	2.1	<0.5	2.1	12.5	4.2	<0.5	<1	<1	55.6	0.10	0.62	2.6	6.0
MW1	2	2.2	<0.5	1.8	5.2	1.4	<0.5	<1	<1	58.5	0.18	0.97	2.5	5.8
MW1	3	2.1	<0.5	1.8	16.0	<1	<0.5	1.0	<1	22.2	0.12	0.63	3.6	6.0
MW1	4	1.9	<0.5	1.6	6.8	2.2	<0.5	<1	<1	68.2	0.18	0.89	2.3	5.8
MW1	5	2.2	<0.5	1.5	14.1	1.2	<0.5	1.0	<1	33.5	0.18	0.76	2.7	6.4
MW1	6	2.4	<0.5	1.2	6.3	1.4	<0.5	<1	<1	56.1	0.19	0.73	2.4	5.8
MW1	7	2.3	<0.5	1.4	10.5	2.0	<0.5	<1	<1	45.3	0.15	0.69	3.3	5.9

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

Date: 10 July 2020

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
MW1	8	2.3	<0.5	1.3	12.8	1.2	<0.5	<1	<1	33.5	0.18	0.96	2.4	5.8

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