

Summary Report - Water Quality - RoutINF Water Quality Monitoring for ESC CMP Vd

Date: 17 August 2018

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	0.5	1.0	1.0	1.0	0.5	1.0	1.0	4.0	0.05	0.05	0.5	2
ESC-IPF1	1	2.2	<0.5	<1.0	11.8	1.4	<0.5	1.7	<1.0	16.4	0.05	0.77	2.3	15.4
ESC-IPF1	2	1.8	<0.5	<1.0	10.7	1.4	<0.5	1.4	<1.0	18.9	0.06	0.77	2.7	15.4
ESC-IPF1	3	1.7	<0.5	<1.0	9.6	1.2	<0.5	1.4	<1.0	17.4	0.04	0.76	3.1	15.1
ESC-IPF1	4	2.0	<0.5	<1.0	8.7	1.1	<0.5	1.7	<1.0	18.2	0.03	0.76	2.6	15.6
ESC-IPF1	5	1.9	<0.5	<1.0	7.6	1.1	<0.5	1.8	<1.0	16.2	0.10	0.88	2.8	16.3
ESC-IPF1	6	1.6	<0.5	<1.0	7.4	1.2	<0.5	2.0	<1.0	14.6	0.09	0.89	2.8	14.7
ESC-IPF1	7	1.7	<0.5	<1.0	8.5	1.4	<0.5	1.7	<1.0	17.0	0.08	0.78	3.2	16.0
ESC-IPF1	8	2.0	<0.5	<1.0	15.8	2.6	<0.5	1.6	<1.0	16.6	0.04	0.77	2.9	15.2
ESC-IPF1	1	1.8	<0.5	<1.0	3.6	<1.0	<0.5	1.7	<1.0	7.4	0.05	0.87	2.2	14.9
ESC-IPF2	2	1.6	<0.5	<1.0	3.1	<1.0	<0.5	1.9	<1.0	8.0	0.02	0.81	2.9	15.2
ESC-IPF2	3	1.5	<0.5	<1.0	3.6	<1.0	<0.5	2.0	<1.0	7.8	0.05	0.84	1.9	14.0
ESC-IPF2	4	1.5	<0.5	<1.0	3.7	<1.0	<0.5	1.9	<1.0	7.4	0.09	0.92	3.0	15.7
ESC-IPF2	5	1.4	<0.5	<1.0	3.5	<1.0	<0.5	2.1	<1.0	7.5	0.05	0.85	2.9	14.7
ESC-IPF2	6	1.3	<0.5	<1.0	3.0	<1.0	<0.5	2.0	<1.0	7.1	0.03	0.84	2.6	15.6
ESC-IPF2	7	1.4	<0.5	<1.0	2.6	1.1	<0.5	1.6	<1.0	8.2	0.07	0.87	3.0	15.3
ESC-IPF2	8	1.7	<0.5	<1.0	3.5	<1.0	<0.5	1.6	<1.0	3.9	0.04	0.86	2.9	15.6
ESC-IPF3	1	1.7	<0.5	<1.0	8.8	<1.0	<0.5	1.4	<1.0	11.3	0.04	0.68	2.9	6.1
ESC-IPF3	2	2.0	<0.5	<1.0	9.5	1.0	<0.5	1.6	<1.0	12.3	0.04	0.69	2.5	6.8
ESC-IPF3	3	1.7	<0.5	<1.0	11.2	<1.0	<0.5	1.9	<1.0	10.0	0.04	0.67	2.0	6.5
ESC-IPF3	4	1.4	<0.5	<1.0	9.6	<1.0	<0.5	2.0	<1.0	11.7	0.04	0.68	2.3	6.7
ESC-IPF3	5	1.4	<0.5	<1.0	9.2	<1.0	<0.5	1.7	<1.0	14.1	0.05	0.69	1.9	6.5
ESC-IPF3	6	1.6	<0.5	<1.0	8.2	<1.0	<0.5	1.4	<1.0	16.4	0.07	0.69	2.1	6.3
ESC-IPF3	7	1.5	<0.5	<1.0	7.7	<1.0	<0.5	1.4	<1.0	15.7	0.35	0.99	2.2	6.5
ESC-IPF3	8	1.6	<0.5	<1.0	9.7	<1.0	<0.5	1.4	<1.0	10.6	0.04	0.69	1.5	6.9
ESC-INF1	1	1.7	<0.5	<1.0	4.9	<1.0	<0.5	1.8	<1.0	7.8	<0.02	0.91	1.9	11.4
ESC-INF1	2	1.3	<0.5	<1.0	4.8	<1.0	<0.5	2.1	<1.0	6.9	0.22	1.14	1.9	12.0
ESC-INF1	3	1.3	<0.5	<1.0	5.7	<1.0	<0.5	2.2	<1.0	7.5	0.02	0.95	1.9	10.6
ESC-INF1	4	1.2	<0.5	<1.0	5.1	<1.0	<0.5	1.8	<1.0	8.1	0.03	0.95	1.8	11.9
ESC-INF1	5	1.3	<0.5	<1.0	4.4	<1.0	<0.5	1.5	<1.0	7.3	0.05	0.95	1.6	10.8
ESC-INF1	6	1.3	<0.5	<1.0	4.8	<1.0	<0.5	1.3	<1.0	7.5	0.03	0.94	1.5	10.9
ESC-INF1	7	1.3	<0.5	<1.0	3.9	<1.0	<0.5	1.4	<1.0	6.1	0.04	0.93	2.2	11.6
ESC-INF1	8	1.8	<0.5	<1.0	4.4	<1.0	<0.5	1.8	<1.0	9.2	<0.02	0.90	1.9	11.8
ESC-INF2	1	2.0	<0.5	<1.0	16.9	1.6	<0.5	2.2	<1.0	18.9	<0.02	0.85	1.9	13.8
ESC-INF2	2	2.2	<0.5	<1.0	16.6	1.7	<0.5	1.9	<1.0	21.3	0.03	0.87	2.0	16.9
ESC-INF2	3	2.5	<0.5	<1.0	13.4	2.0	<0.5	1.8	<1.0	19.5	0.03	0.88	1.0	16.0
ESC-INF2	4	2.6	<0.5	<1.0	13.4	2.3	<0.5	2.0	<1.0	22.1	0.12	1.00	1.2	15.8
ESC-INF2	5	2.5	<0.5	<1.0	11.8	2.7	<0.5	2.2	<1.0	24.6	0.04	0.89	1.3	15.5
ESC-INF2	6	2.5	<0.5	<1.0	13.0	2.6	<0.5	1.9	<1.0	21.7	0.02	0.86	1.3	16.1
ESC-INF2	7	2.2	<0.5	<1.0	11.3	2.2	<0.5	2.0	<1.0	20.6	0.10	0.95	1.6	16.5
ESC-INF2	8	1.6	<0.5	<1.0	12.6	1.5	<0.5	2.1	<1.0	15.3	0.03	0.87	1.4	9.0
ESC-INF3	1	1.4	<0.5	<1.0	5.7	4.0	<0.5	1.2	<1.0	10.3	0.04	0.66	1.4	5.7
ESC-INF3	2	1.5	<0.5	<1.0	6.0	4.6	<0.5	1.5	<1.0	11.3	0.04	0.66	1.5	5.7
ESC-INF3	3	1.6	<0.5	<1.0	7.0	4.1	<0.5	1.4	<1.0	9.9	0.04	0.66	1.2	5.6
ESC-INF3	4	1.4	<0.5	<1.0	7.4	3.4	<0.5	1.6	<1.0	11.2	0.05	0.67	1.1	5.6
ESC-INF3	5	1.5	<0.5	<1.0	7.0	3.8	<0.5	1.6	<1.0	10.0	0.05	0.66	1.3	5.6
ESC-INF3	6	1.5	<0.5	<1.0	6.3	3.3	<0.5	1.5	<1.0	10.2	0.17	0.79	1.7	5.6
ESC-INF3	7	1.7	<0.5	<1.0	5.4	2.8	<0.5	1.5	<1.0	11.8	0.05	0.68	1.5	5.8
ESC-INF3	8	1.8	<0.5	<1.0	11.4	1.9	<0.5	1.4	<1.0	10.9	0.08	0.69	1.4	5.5
ESC-RFF1A	1	1.7	<0.5	<1.0	4.6	<1.0	<0.5	1.3	<1.0	16.6	0.03	0.62	1.2	7.3
ESC-RFF1A	2	1.7	<0.5	<1.0	5.1	<1.0	<0.5	1.4	<1.0	17.1	0.05	0.63	1.4	7.9
ESC-RFF1A	3	1.3	<0.5	<1.0	6.1	<1.0	<0.5	1.4	<1.0	16.2	0.04	0.61	1.4	8.0
ESC-RFF1A	4	1.6	<0.5	<1.0	6.9	<1.0	<0.5	1.2	<1.0	17.7	0.05	0.63	1.7	8.2
ESC-RFF1A	5	1.8	<0.5	<1.0	6.8	<1.0	<0.5	1.3	<1.0	20.8	0.07	0.66	1.3	8.7
ESC-RFF1A	6	1.7	<0.5	<1.0	5.7	<1.0	<0.5	1.1	<1.0	18.3	0.05	0.63	1.3	8.4
ESC-RFF1A	7	1.5	<0.5	<1.0	6.2	<1.0	<0.5	1.4	<1.0	16.7	0.03	0.62	1.2	8.3
ESC-RFF1A	8	2.0	<0.5	<1.0	17.5	2.3	<0.5	1.6	<1.0	30.2	0.04	0.63	0.9	9.1
ESC-RFF2A	1	1.6	<0.5	<1.0	8.2	1.3	<0.5	1.4	<1.0	32.8	0.08	0.71	1.3	10.7
ESC-RFF2A	2	1.8	<0.5	<1.0	8.1	1.1	<0.5	1.3	<1.0	32.7	0.06	0.71	1.3	11.7
ESC-RFF2A	3	2.2	<0.5	<1.0	8.8	1.1	<0.5	1.3	<1.0	26.7	0.08	0.72	1.2	12.1
ESC-RFF2A	4	1.9	<0.5	<1.0	8.9	1.1	<0.5	1.5	<1.0	29.4	0.06	0.72	0.9	11.7
ESC-RFF2A	5	1.6	<0.5	<1.0	7.4	<1.0	<0.5	1.3	<1.0	26.1	0.32	1.00	1.0	11.4
ESC-RFF2A	6	1.3	<0.5	<1.0	8.6	<1.0	<0.5	1.3	<1.0	25.8	0.04	0.68	1.3	11.6
ESC-RFF2A	7	1.1	<0.5	<1.0	9.6	<1.0	<0.5	1.2	<1.0	27.2	0.05	0.70	1.6	11.8
ESC-RFF2A	8	1.6	<0.5	<1.0	6.5	1.4	<0.5	1.5	<1.0	28.8	0.04	0.67	1.2	13.3
ESC-RFF3	1	1.9	<0.5	<1.0	10.0	<1.0	<0.5	1.4	<1.0	4.7	0.07	0.76	1.4	5.7
ESC-RFF3	2	2.1	<0.5	<1.0	9.8	<1.0	<0.5	1.3	<1.0	3.7	0.07	0.76	1.3	8.4
ESC-RFF3	3	2.4	<0.5	<1.0	9.7	<1.0	<0.5	1.1	<1.0	3.2	0.04	0.73	1.3	8.6
ESC-RFF3	4	2.7	<0.5	<1.0	10.8	<1.0	<0.5	1.2	<1.0	3.1	0.08	0.80	1.3	8.1
ESC-RFF3	5	2.6	<0.5	<1.0	12.7	<1.0	<0.5	<1.0	<1.0	2.8	<0.02	0.71	1.0	7.9
ESC-RFF3	6	2.4	<0.5	<1.0	14.6	<1.0	<0.5	<1.0	<1.0	3.2	0.03	0.72	0.8	8.1
ESC-RFF3	7	2.5	<0.5	<1.0	13.9	<1.0	<0.5	<1.0	<1.0	2.9	0.03	0.72	1.4	8.3
ESC-RFF3	8	1.7	<0.5	<1.0	7.4	<1.0	<0.5	1.4	<1.0	7.3	0.05	0.75	1.0	10.6
MW1	1	1.6	<0.5	<1.0	5.6	<1.0	<0.5	1.5	<1.0	19.0	0.08	0.67	1.0	5.3
MW1	2	1.7	<0.5	<1.0	5.9	<1.0	<0.5	1.3	<1.0	19.2	0.07	0.66	1.1	5.5
MW1	3	1.9	<0.5	<1.0	6.9	<1.0	<0.5	1.0	<1.0	15.5	0.05	0.64	1.4	5.5
MW1	4	1.7	<0.5	<1.0	5.6	<1.0	<0.5	1.1	<1.0	15.9	0.10	0.67	1.3	5.7
MW1	5	2.0	<0.5	<1.0	5.7	<1.0	<0.5	1.3	<1.0	15.0	0.05	0.63	1.3	5.2
MW1	6	1.7	<0.5	<1.0	5.5	<1.0	<0.5	1.3	<1.0	17.7	0.06	0.66	1.2	5.6

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Station ID	Replicate	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Silver	Zinc	NH3-N	TIN	BOD5	SS
		<i>ug/L</i>	<i>ug/L</i>	<i>ug/L</i>	<i>ug/L</i>	<i>ug/L</i>	<i>ug/L</i>	<i>ug/L</i>	<i>ug/L</i>	<i>ug/L</i>	<i>mg/L</i>	<i>mg/L</i>	<i>mg/L</i>	<i>mg/L</i>
	Reporting Limit	1.0	0.5	1.0	1.0	1.0	0.5	1.0	1.0	4.0	0.05	0.05	0.5	2
MW1	7	1.4	<0.5	<1.0	6.5	<1.0	<0.5	1.2	<1.0	15.3	0.06	0.63	1.1	5.6
MW1	8	1.6	<0.5	<1.0	6.9	<1.0	<0.5	1.4	<1.0	20.4	0.05	0.63	1.4	2.8

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