

EF41 - NON-CHROME SLUDGE TESTING RESULTS - 2025

Approved By: General Manager

Version: 2

Issue Date: 04 April 2024

Review Date: 04 April 2027



*Not Tested (NT) No Sample (NS)

ANALYSIS	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	HIGH	LOW	AVE
pH - pH Units		6.74			6.75								6.75	6.74	6.75
Electrical Conductivity - µS/cm		11900			8660								11900	8660	10280.00
Total Kjeldahl Nitrogen - mg/L		720			820								820	720	770.00
Total Phosphorus - mg/L		65			50								65	50	57.50
Total Suspended Solids - mg/L		25300			17000								25300	17000	21150.00
Total Dissolved Solids (grav) - mg/L		12000			12300								12300	12000	12150
BOD - mg/L		9000			11000								11000	9000	10000.00
COD - mgO ₂ /L		25000			13000								25000	13000	19000.00
Nitrate, NO ₃ - mg/L		0.009			0.005								0.009	0.005	0.01
Oil & Grease (LLE) - mg/L		839			2350								2350	839	1594.50
Total S (Sulphur = Sulphate + Sulphite + Sulphide)		1700			2560								2560	1700	2130.00
Chloride - mg/L		1200			1300								1300	1200	1250.00
Ammonia as N - mg/L		540			100								540	100	320.00
Sodium - mg/L		1200			1080								1200	1080	1140.00
Potassium - mg/L		150			110								150	110	130.00
Calcium - mg/L		1350			1770								1770	1350	1560.00
Magnesium - mg/L		190			99								190	99	144.50
Manganese - mg/L		3.8			0.98								3.8	0.98	2.39
Chromium III - mg/L		6.4			4								6.4	4	5.20
Chromium VI - mg/L		0.002			0.002								0.002	0.002	0.00
SAR		8.1			6.8								8.1	6.8	7.45
Sulphate, SO ₄ - mg/L		3120			11								3120	11	1565.50
Nitrogen Total - mg/L		720			820								820	720	770.00
Total Solids - %		3.4			2.9								3.4	2.9	3.15
Arsenic - mg/Kg		0.05			0.05								0.05	0.05	0.05
Cadmium - mg/Kg		0.01			0.01								0.01	0.01	0.01
Copper - mg/Kg		0.24			0.13								0.24	0.13	0.19
Lead - mg/Kg		0.06			0.02								0.06	0.02	0.04
Mercury - mg/Kg		0.1			0.1								0.1	0.1	0.10
Nickel - mg/Kg		0.09			0.05								0.09	0.05	0.07
Zinc - mg/Kg		2.4			0.94								2.4	0.94	1.67
Iron - mg/Kg		41			18								41	18	29.50