

EF41 - NON-CHROME SLUDGE TESTING RESULTS - 2026

Approved By: General Manager
Version: 2
Issue Date: 04 April 2024
Review Date: 04 April 2027



*Not Tested (NT) No Sample (NS)

ANALYSIS	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	HIGH	LOW	AVE
pH - pH Units		11.93			6.72			6.75					11.93	6.72	8.47
Electrical Conductivity - µS/cm		9460			11.3			8660					9460	11.3	6043.77
Total Kjeldahl Nitrogen - mg/L		1100			860			820					1100	820	926.67
Total Phosphorus - mg/L		27			9.9			50					50	9.9	28.97
Total Suspended Solids - mg/L		6400			1773			17000					17000	1773	8391.00
Total Dissolved Solids (grav) - mg/L		12700			10953			12300					12700	10953	11984
BOD - mg/L		6400			4160			11000					11000	4160	7186.67
COD - mgO ₂ /L		9800			NT			NT					9800	9800	9800.00
Nitrate, NO ₃ - mg/L		0.21			0.005			0.005					0.21	0.005	0.07
Oil & Grease (LLE) - mg/L		328			123			2350					2350	123	933.67
Total S (Sulphur = Sulphate + Sulphite + Sulphide)		3600			NT			NT					3600	3600	3600.00
Chloride - mg/L		1700			1030			1300					1700	1030	1343.33
Ammonia as N - mg/L		280			536			100					536	100	305.33
Sodium - mg/L		1160			1460			1080					1460	1080	1233.33
Potassium - mg/L		100			116			110					116	100	108.67
Calcium - mg/L		780			599			1770					1770	599	1049.67
Magnesium - mg/L		0.05			17.2			99					99	0.05	38.75
Manganese - mg/L		0.87			0.061			0.98					0.98	0.061	0.64
Chromium III - mg/L		0.79			0.42			4					4	0.42	1.74
Chromium VI - mg/L		0.048			0.004			0.002					0.048	0.002	0.02
SAR		11.4			NT			NT					11.4	11.4	11.40
Sulphate, SO ₄ - mg/L		880			NT			NT					880	880	880.00
Nitrogen Total - mg/L		1080			859			820					1080	820	919.67
Total Solids - %		1.5			NT			NT					1.5	1.5	1.50
Arsenic - mg/Kg		0.05			0.05			0.05					0.05	0.05	0.05
Cadmium - mg/Kg		0.01			0.05			0.01					0.05	0.01	0.02
Copper - mg/Kg		0.02			0.05			0.13					0.13	0.02	0.07
Lead - mg/Kg		0.02			0.05			0.02					0.05	0.02	0.03
Mercury - mg/Kg		0.1			0.025			0.1					0.1	0.025	0.08
Nickel - mg/Kg		0.01			0.05			0.05					0.05	0.01	0.04
Zinc - mg/Kg		0.81			0.685			0.94					0.94	0.685	0.81
Iron - mg/Kg		4.8			0.87			18					18	0.87	7.89