

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			6.81					6.81	6.74	6.77
Electrical Conductivity - µS/cm		11900			8660			10200					11900	8660	10253.33
Total Kjeldahl Nitrogen - mg/L		720			820			690					820	690	743.33
Total Phosphorus - mg/L		65			50			40					65	40	51.67
Total Suspended Solids - mg/L		25300			17000			7800					25300	7800	16700.00
Total Dissolved Solids (grav) - mg/L		12000			12300			14300					14300	12000	12867
BOD - mg/L		9000			11000			7800					11000	7800	9266.67
COD - mgO ₂ /L		25000			13000			9200					25000	9200	15733.33
Nitrate, NO ₃ - mg/L		0.009			0.005			0.005					0.009	0.005	0.01
Oil & Grease (LLE) - mg/L		839			2350			1030					2350	839	1406.33
Total S (Sulphur = Sulphate + Sulphite + Sulphide)		1700			2560			3370					3370	1700	2543.33
Chloride - mg/L		1200			1300			1500					1500	1200	1333.33
Ammonia as N - mg/L		540			100			110					540	100	250.00
Sodium - mg/L		1200			1080			1110					1200	1080	1130.00
Potassium - mg/L		150			110			110					150	110	123.33
Calcium - mg/L		1350			1770			1800					1800	1350	1640.00
Magnesium - mg/L		190			99			72					190	72	120.33
Manganese - mg/L		3.8			0.98			0.49					3.8	0.49	1.76
Chromium III - mg/L		6.4			4			0.71					6.4	0.71	3.70
Chromium VI - mg/L		0.002			0.002			0.004					0.004	0.002	0.00
SAR		8.1			6.8			7					8.1	6.8	7.30
Sulphate, SO ₄ - mg/L		3120			11			4960					4960	11	2697.00
Nitrogen Total - mg/L		720			820			690					820	690	743.33
Total Solids - %		3.4			2.9			2					3.4	2	2.77
Arsenic - mg/Kg		0.05			0.05			0.05					0.05	0.05	0.05
Cadmium - mg/Kg		0.01			0.01			0.01					0.01	0.01	0.01
Copper - mg/Kg		0.24			0.13			0.01					0.24	0.01	0.13
Lead - mg/Kg		0.06			0.02			0.03					0.06	0.02	0.04
Mercury - mg/Kg		0.1			0.1			0.1					0.1	0.1	0.10
Nickel - mg/Kg		0.09			0.05			0.01					0.09	0.01	0.05
Zinc - mg/Kg		2.4			0.94			0.05					2.4	0.05	1.13
Iron - mg/Kg		41			18			1.2					41	1.2	20.07

EPA ID LOCATION: 23
EPA LICENSE NUMBER: 3465