

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												6.74	6.74	6.74
Electrical Conductivity - µS/cm		11900											11900	11900	11900.00
Total Kjeldahl Nitrogen - mg/L		720											720	720	720.00
Total Phosphorus - mg/L		65											65	65	65.00
Total Suspended Solids - mg/L		25300											25300	25300	25300.00
Total Dissolved Solids (grav) - mg/L		12000											12000	12000	12000.00
BOD - mg/L		9000											9000	9000	9000.00
COD - mgO ₂ /L		25000											25000	25000	25000.00
Nitrate, NO ₃ - mg/L		0.009											0.009	0.009	0.01
Oil & Grease (LLE) - mg/L		839											839	839	839.00
Total S (Sulphur = Sulphate + Sulphite + Sulphide)		1700											1700	1700	1700.00
Chloride - mg/L		1200											1200	1200	1200.00
Ammonia as N - mg/L		540											540	540	540.00
Sodium - mg/L		1200											1200	1200	1200.00
Potassium - mg/L		150											150	150	150.00
Calcium - mg/L		1350											1350	1350	1350.00
Magnesium - mg/L		190											190	190	190.00
Manganese - mg/L		3.8											3.8	3.8	3.80
Chromium III - mg/L		6.4											6.4	6.4	6.40
Chromium VI - mg/L		0.002											0.002	0.002	0.00
SAR		8.1											8.1	8.1	8.10
Sulphate, SO ₄ - mg/L		3120											3120	3120	3120.00
Nitrogen Total - mg/L		720											720	720	720.00
Total Solids - %		3.4											3.4	3.4	3.40
Arsenic - mg/Kg		0.05											0.05	0.05	0.05
Cadmium - mg/Kg		0.01											0.01	0.01	0.01
Copper - mg/Kg		0.24											0.24	0.24	0.24
Lead - mg/Kg		0.06											0.06	0.06	0.06
Mercury - mg/Kg		0.1											0.1	0.1	0.10
Nickel - mg/Kg		0.09											0.09	0.09	0.09
Zinc - mg/Kg		2.4											2.4	2.4	2.40
Iron - mg/Kg		41											41	41	41.00