

EF41 - NON-CHROME SLUDGE TESTING RESULTS - 2024

Approved By: General Manager

Version: 1

Issue Date: 24 March 2021

Review Date: 24 March 2024



*Not Tested (NT) No Sample (NS)

ANALYSIS	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	HIGH	LOW	AVE
pH - pH Units		6.75			6.65								6.75	6.65	6.70
Electrical Conductivity - µS/cm		8630			7360								8630	7360	7995.00
Total Kjeldahl Nitrogen - mg/L		650			420								650	420	535.00
Total Phosphorus - mg/L		64			36								64	36	50.00
Total Suspended Solids - mg/L		13500			2800								13500	2800	8150.00
Total Dissolved Solids (grav) - mg/L		9900			9300								9900	9300	9600
BOD - mg/L		8300			23300								23300	8300	15800.00
COD - mgO ₂ /L		8800			29500								29500	8800	19150.00
Nitrate, NO ₃ - mg/L		0.02			0.67								0.67	0.02	0.35
Oil & Grease (LLE) - mg/L		985			1310								1310	985	1147.50
Total S (Sulphur = Sulphate + Sulphite + Sulphide)		850			290								850	290	570.00
Chloride - mg/L		1000			780								1000	780	890.00
Ammonia as N - mg/L		310			390								390	310	350.00
Sodium - mg/L		1070			760								1070	760	915.00
Potassium - mg/L		130			120								130	120	125.00
Calcium - mg/L		1020			630								1020	630	825.00
Magnesium - mg/L		100			260								260	100	180.00
Manganese - mg/L		0.35			0.9								0.9	0.35	0.63
Chromium III - mg/L		5			1								5	1	3.00
Chromium VI - mg/L		1			1								1	1	1.00
SAR		8.6			6.4								8.6	6.4	7.50
Sulphate, SO ₄ - mg/L		2860			250								2860	250	1555.00
Nitrogen Total - mg/L		650			420								650	420	535.00
Total Solids - %		0.8			0.9								0.9	0.8	0.85
Arsenic - mg/Kg		5			5								5	5	5.00
Cadmium - mg/Kg		0.5			0.5								0.5	0.5	0.50
Copper - mg/Kg		1			1								1	1	1.00
Lead - mg/Kg		2			2								2	2	2.00
Mercury - mg/Kg		0.1			0.1								0.1	0.1	0.10
Nickel - mg/Kg		1			1								1	1	1.00
Zinc - mg/Kg		6			7								7	6	6.50
Iron - mg/Kg		46.6			18								46.6	18	32.30