

EF41 - NON-CHROME SLUDGE TESTING RESULTS - 2022

Approved By: General Manager

Version: 1

Issue Date: 24 March 2021

Review Date: 24 March 2024



*Not Tested (NT) No Sample (NS)

ANALYSIS	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	HIGH	LOW	AVE
pH - pH Units		6.9			7.69			8.98			7.45		8.98	6.9	7.76
Electrical Conductivity - µS/cm		8320			9330			7550			6850		9330	6850	8012.50
Total Kjeldahl Nitrogen - mg/L		420			450			470			640		640	420	495.00
Total Phosphorus - mg/L		65			32			8.6			47		65	8.6	38.15
Total Suspended Solids - mg/L		5900			5100			9900			6200		9900	5100	6775.00
Total Dissolved Solids (grav) - mg/L		8100			7200			11500			4700		11500	4700	7875
BOD - mg/L		6200			8600			21300			12000		21300	6200	12025.00
COD - mgO ₂ /L		10000			15300			5400			21000		21000	5400	12925.00
Nitrate, NO ₃ - mg/L		0.005			0.005			0.1			0.037		0.1	0.005	0.04
Oil & Grease (LLE) - mg/L		1100			415			795			3100		3100	415	1352.50
Total S (Sulphur = Sulphate + Sulphite + Sulphide)		1900			79			2280			390		2280	79	1162.25
Chloride - mg/L		1400			1300			1500			980		1500	980	1295.00
Ammonia as N - mg/L		340			360			210			310		360	210	305.00
Sodium - mg/L		1270			1280			1310			950		1310	950	1202.50
Potassium - mg/L		100			91			120			140		140	91	112.75
Calcium - mg/L		1380			960			1140			190		1380	190	917.50
Magnesium - mg/L		80			230			150			170		230	80	157.50
Manganese - mg/L		5.4			0.43			0.24			3.5		5.4	0.24	2.39
Chromium III - mg/L		5			1			2			13		13	1	5.25
Chromium VI - mg/L		0.002			0.001			0.001			0.001		0.002	0.001	0.00
SAR		9			9.6			9.7			12.1		12.1	9	10.10
Sulphate, SO ₄ - mg/L		4160			2730			4640			360		4640	360	2972.50
Nitrogen Total - mg/L		420			450			470			640		640	420	495.00
Total Solids - %		2.2			6.3			5.1			2.1		6.3	2.1	3.93
Arsenic - mg/Kg		5			5			5			5		5	5	5.00
Cadmium - mg/Kg		0.5			0.5			0.5			0.5		0.5	0.5	0.50
Copper - mg/Kg		1			1			1			1		1	1	1.00
Lead - mg/Kg		2			2			2			2		2	2	2.00
Mercury - mg/Kg		0.1			0.1			0.1			0.1		0.1	0.1	0.10
Nickel - mg/Kg		1			1			1			1		1	1	1.00
Zinc - mg/Kg		7			5			5			5		7	5	5.50
Iron - mg/Kg		34.7			2.3			6.2			88.5		88.5	2.3	32.93

EPA ID LOCATION: 23
EPA LICENSE NUMBER: 3465