

**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					8.98	6.9	7.86
Electrical Conductivity - µS/cm		8320			9330			7550					9330	7550	8400.00
Total Kjeldahl Nitrogen - mg/L		420			450			470					470	420	446.67
Total Phosphorus - mg/L		65			32			8.6					65	8.6	35.20
Total Suspended Solids - mg/L		5900			5100			9900					9900	5100	6966.67
Total Dissolved Solids (grav) - mg/L		8100			7200			11500					11500	7200	8933
BOD - mg/L		6200			8600			21300					21300	6200	12033.33
COD - mgO <sub>2</sub> /L		10000			15300			5400					15300	5400	10233.33
Nitrate, NO <sub>3</sub> - mg/L		0.005			0.005			0.1					0.1	0.005	0.04
Oil & Grease (LLE) - mg/L		1100			415			795					1100	415	770.00
Total S (Sulphur = Sulphate + Sulphite + Sulphide)		1900			79			2280					2280	79	1419.67
Chloride - mg/L		1400			1300			1500					1500	1300	1400.00
Ammonia as N - mg/L		340			360			210					360	210	303.33
Sodium - mg/L		1270			1280			1310					1310	1270	1286.67
Potassium - mg/L		100			91			120					120	91	103.67
Calcium - mg/L		1380			960			1140					1380	960	1160.00
Magnesium - mg/L		80			230			150					230	80	153.33
Manganese - mg/L		5.4			0.43			0.24					5.4	0.24	2.02
Chromium III - mg/L		5			1			2					5	1	2.67
Chromium VI - mg/L		0.002			0.001			0.001					0.002	0.001	0.00
SAR		9			9.6			9.7					9.7	9	9.43
Sulphate, SO <sub>4</sub> - mg/L		4160			2730			4640					4640	2730	3843.33
Nitrogen Total - mg/L		420			450			470					470	420	446.67
Total Solids - %		2.2			6.3			5.1					6.3	2.2	4.53
Arsenic - mg/Kg		5			5			5					5	5	5.00
Cadmium - mg/Kg		0.5			0.5			0.5					0.5	0.5	0.50
Copper - mg/Kg		1			1			1					1	1	1.00
Lead - mg/Kg		2			2			2					2	2	2.00
Mercury - mg/Kg		0.1			0.1			0.1					0.1	0.1	0.10
Nickel - mg/Kg		1			1			1					1	1	1.00
Zinc - mg/Kg		7			5			5					7	5	5.67
Iron - mg/Kg		34.7			2.3			6.2					34.7	2.3	14.40

EPA ID LOCATION: Z3  
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