

EF40 - IRRIGATION EFFLUENT 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
Ammonia as N in water - mg/L		270			470			230			130		470	130	275.00
BOD - mg/L		3700			5800			4600			4100		5800	3700	4550.00
Chloride - mg/L		1300			1800			1800			1600		1800	1300	1625.00
Chromium Total - mg/L		0.2			0.088			0.32			0.24		0.32	0.088	0.21
Electrical Conductivity - µS/cm		5710			9320			6540			6160		9320	5710	6932.50
Oil & Grease (LLE) - mg/L		39			372			111			484		484	39	251.50
pH - pH Units		8.97			7.33			8.25			7.34		8.97	7.33	7.97
Total Phosphorus - mg/L		16			17			16			21		21	16	17.50
Sodium - mg/L		1110			1270			1510			1160		1510	1110	1262.50
Sulphate, SO ₄ - mg/L		820			2210			2930			1280		2930	820	1810.00
Total Kjeldahl Nitrogen - mg/L		480			800			740			580		800	480	650.00
Nitrogen Total - mg/L		480			800			740			580		800	480	650.00
Nitrate, NO ₃ - mg/L		0.005			0.005			0.005			0.045		0.045	0.005	0.02
Nitrite, NO ₂ - mg/L		0.36			0.013			0.24			0.025		0.36	0.013	0.16
Total Suspended Solids @ 103-105°C - mg/L		1500			1400			1500			2700		2700	1400	1775.00
Total Dissolved Solids (grav) - mg/L		5300			6600			8500			6400		8500	5300	6700.00
Sulphide, S ₂ - mg/L		92.2			528			184			144		528	92.2	237.05
Sulphite, SO ₃ - mg/L		490			900			550			300		900	300	560.00
Sulphur, S - mg/L		460			1070			1290			790		1290	460	902.50
Hexavalent Chromium, Cr ₆₊ - mg/L		0.002			0.001			0.001			0.001		0.002	0.001	0.00
COD - mgO ₂ /L		4900			7500			6500			8200		8200	4900	6775.00
Potassium - mg/L		97			96			290			170		290	96	163.25
Calcium - mg/L		14			590			620			190		620	14	353.50
Magnesium - mg/L		8.5			15			30			28		30	8.5	20.38
Manganese - mg/L		23			15			15			13		23	13	16.50
SAR		57.7			14.1			16.1			20.8		57.7	14.1	27.18

EPA ID LOCATION: 13
EPA LICENSE NUMBER: 3465