

# EF40 - IRRIGATION EFFLUENT 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
Ammonia as N in water - mg/L		430			340								430	340	385.00
BOD - mg/L		5000			4200								5000	4200	4600.00
Chloride - mg/L		1500			970								1500	970	1235.00
Chromium Total - mg/L		0.16			0.062								0.16	0.062	0.11
Electrical Conductivity - µS/cm		8820			7160								8820	7160	7990.00
Oil & Grease (LLE) - mg/L		224			270								270	224	247.00
pH - pH Units		6.71			8.79								8.79	6.71	7.75
Total Phosphorus - mg/L		19			6.3								19	6.3	12.65
Sodium - mg/L		880			950								950	880	915.00
Sulphate, SO <sub>4</sub> - mg/L		2610			1350								2610	1350	1980.00
Total Kjeldahl Nitrogen - mg/L		680			680								680	680	680.00
Nitrogen Total - mg/L		680			680								680	680	680.00
Nitrate, NO <sub>3</sub> - mg/L		0.005			0.7								0.7	0.005	0.35
Nitrite, NO <sub>2</sub> - mg/L		0.16			0.34								0.34	0.16	0.25
Total Suspended Solids @ 103-105°C - mg/L		2900			2000								2900	2000	2450.00
Total Dissolved Solids (grav) - mg/L		8800			4500								8800	4500	6650.00
Sulphide, S <sub>2</sub> - mg/L		191			133								191	133	162.00
Sulphite, SO <sub>3</sub> - mg/L		400			250								400	250	325.00
Sulphur, S - mg/L		1520			540								1520	540	1030.00
Hexavalent Chromium, Cr <sub>6+</sub> - mg/L		0.002			0.002								0.002	0.002	0.00
COD - mgO <sub>2</sub> /L		5600			4600								5600	4600	5100.00
Potassium - mg/L		62			100								100	62	81.00
Calcium - mg/L		420			94								420	94	257.00
Magnesium - mg/L		21			12								21	12	16.50
Manganese - mg/L		23			29								29	23	26.00
SAR		11.4			24.5								24.5	11.4	17.95

EPA ID LOCATION: 13  
EPA LICENSE NUMBER: 3465