

EF40 - IRRIGATION EFFLUENT TESTING RESULTS - 2025

Approved By: General Manager

Version: 2

Issue Date: 04 April 2024

Review Date: 04 April 2027



*Not Tested (NT) No Sample (NS)

ANALYSIS	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	HIGH	LOW	AVE
Ammonia as N in water - mg/L		390			380			240					390	240	336.67
BOD - mg/L		2800			5300			2300					5300	2300	3466.67
Chloride - mg/L		990			1600			1600					1600	990	1396.67
Chromium Total - mg/L		0.28			0.23			0.21					0.28	0.21	0.24
Electrical Conductivity - μ S/cm		7350			8520			8550					8550	7350	8140.00
Oil & Grease (LLE) - mg/L		111			33			65					111	33	69.67
pH - pH Units		6.72			6.77			6.67					6.77	6.67	6.72
Total Phosphorus - mg/L		13			16			16					16	13	15.00
Sodium - mg/L		920			1340			990					1340	920	1083.33
Sulphate, SO_4 - mg/L		1580			1300			3140					3140	1300	2006.67
Total Kjeldahl Nitrogen - mg/L		450			590			530					590	450	523.33
Nitrogen Total - mg/L		450			590			530					590	450	523.33
Nitrate, NO_3 - mg/L		0.005			0.008			2.6					2.6	0.005	0.87
Nitrite, NO_2 - mg/L		0.15			0.025			1.6					1.6	0.025	0.59
Total Suspended Solids @ 103-105°C - mg/L		910			1200			47					1200	47	719.00
Total Dissolved Solids (grav) - mg/L		4400			7400			10400					10400	4400	7400.00
Sulphide, S_2 - mg/L		103			158			115					158	103	125.33
Sulphite, SO_3 - mg/L		210			395			2520					2520	210	1041.67
Sulphur, S - mg/L		1440			1300			1170					1440	1170	1303.33
Hexavalent Chromium, Cr_{6+} - mg/L		0.002			0.002			0.002					0.002	0.002	0.00
COD - mgO_2/L		4800			7200			3600					7200	3600	5200.00
Potassium - mg/L		140			110			95					140	95	115.00
Calcium - mg/L		280			600			580					600	280	486.67
Magnesium - mg/L		16			15			18					18	15	16.33
Manganese - mg/L		1.3			0.58			3.6					3.6	0.58	1.83
SAR		14.5			14.7			11					14.7	11	13.40

EPA ID LOCATION: 13
EPA LICENSE NUMBER: 3465