

EF40 - IRRIGATION EFFLUENT TESTING RESULTS - 2026

Approved By: General Manager

Version: 2

Issue Date: 04 April 2024

Review Date: 04 April 2027



*Not Tested (NT) No Sample (NS)

ANALYSIS	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	HIGH	LOW	AVE
Ammonia as N in water - mg/L		270			564			380					564	270	404.67
BOD - mg/L		860			5010			5300					5300	860	3723.33
Chloride - mg/L		1500			1020			1600					1600	1020	1373.33
Chromium Total - mg/L		0.002			0.566			0.23					0.566	0.002	0.27
Electrical Conductivity - μ S/cm		4140			10.9			8520					8520	10.9	4223.63
Oil & Grease (LLE) - mg/L		81			116			33					116	33	76.67
pH - pH Units		10.55			6.72			6.77					10.55	6.72	8.01
Total Phosphorus - mg/L		22			15.8			16					22	15.8	17.93
Sodium - mg/L		1020			1300			1340					1340	1020	1220.00
Sulphate, SO_4 - mg/L		930			4540			1300					4540	930	2256.67
Total Kjeldahl Nitrogen - mg/L		820			715			590					820	590	708.33
Nitrogen Total - mg/L		820			716			590					820	590	708.67
Nitrate, NO_3 - mg/L		1.7			0.014			0.008					1.7	0.008	0.57
Nitrite, NO_2 - mg/L		0.21			0.026			0.025					0.21	0.025	0.09
Total Suspended Solids @ 103-105°C - mg/L		2600			1800			1200					2600	1200	1866.67
Total Dissolved Solids (grav) - mg/L		8600			9100			7400					9100	7400	8366.67
Sulphide, S_2 - mg/L		90.5			NT			NT					90.5	90.5	90.50
Sulphite, SO_3 - mg/L		1800			NT			NT					1800	1800	1800.00
Sulphur, S - mg/L		840			1510			1300					1510	840	1216.67
Hexavalent Chromium, Cr_{6+} - mg/L		0.025			0.004			0.002					0.025	0.002	0.01
COD - mgO_2/L		5500			NT			NT					5500	5500	5500.00
Potassium - mg/L		23			100			110					110	23	77.67
Calcium - mg/L		22			596			600					600	22	406.00
Magnesium - mg/L		1.8			32			15					32	1.8	16.27
Manganese - mg/L		1.7			NT			NT					1.7	1.7	1.70
SAR		56.1			14			14.7					56.1	14	28.27

EPA ID LOCATION: 13
EPA LICENSE NUMBER: 3465