

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								564	270	417.00
BOD - mg/L		860			5010								5010	860	2935.00
Chloride - mg/L		1500			1020								1500	1020	1260.00
Chromium Total - mg/L		0.002			0.566								0.566	0.002	0.28
Electrical Conductivity - µS/cm		4140			10.9								4140	10.9	2075.45
Oil & Grease (LLE) - mg/L		81			116								116	81	98.50
pH - pH Units		10.55			6.72								10.55	6.72	8.64
Total Phosphorus - mg/L		22			15.8								22	15.8	18.90
Sodium - mg/L		1020			1300								1300	1020	1160.00
Sulphate, SO ₄ - mg/L		930			4540								4540	930	2735.00
Total Kjeldahl Nitrogen - mg/L		820			715								820	715	767.50
Nitrogen Total - mg/L		820			716								820	716	768.00
Nitrate, NO ₃ - mg/L		1.7			0.014								1.7	0.014	0.86
Nitrite, NO ₂ - mg/L		0.21			0.026								0.21	0.026	0.12
Total Suspended Solids @ 103-105°C - mg/L		2600			1800								2600	1800	2200.00
Total Dissolved Solids (grav) - mg/L		8600			9100								9100	8600	8850.00
Sulphide, S ₂ - mg/L		90.5			NT								90.5	90.5	90.50
Sulphite, SO ₃ - mg/L		1800			NT								1800	1800	1800.00
Sulphur, S - mg/L		840			1510								1510	840	1175.00
Hexavalent Chromium, Cr ₆₊ - mg/L		0.025			0.004								0.025	0.004	0.01
COD - mgO ₂ /L		5500			NT								5500	5500	5500.00
Potassium - mg/L		23			100								100	23	61.50
Calcium - mg/L		22			596								596	22	309.00
Magnesium - mg/L		1.8			32								32	1.8	16.90
Manganese - mg/L		1.7			NT								1.7	1.7	1.70
SAR		56.1			14								56.1	14	35.05

EPA ID LOCATION: 13
EPA LICENSE NUMBER: 3465