

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			126			17.5		564	17.5	244.38
BOD - mg/L		860			5010			3400			3960		5010	860	3307.50
Chloride - mg/L		1500			1020			1210			1370		1500	1020	1275.00
Chromium Total - mg/L		0.002			0.566			2.36			5.3		5.3	0.002	2.06
Electrical Conductivity - μ S/cm		4140			10.9			10.2			9.21		4140	9.21	1042.58
Oil & Grease (LLE) - mg/L		81			116			440			401		440	81	259.50
pH - pH Units		10.55			6.72			7.85			10.44		10.55	6.72	8.89
Total Phosphorus - mg/L		22			15.8			19.4			14.4		22	14.4	17.90
Sodium - mg/L		1020			1300			1470			1960		1960	1020	1437.50
Sulphate, SO_4 - mg/L		930			4540			NT			NT		4540	930	2735.00
Total Kjeldahl Nitrogen - mg/L		820			715			588			386		820	386	627.25
Nitrogen Total - mg/L		820			716			588			388		820	388	628.00
Nitrate, NO_3 - mg/L		1.7			0.014			0.021			1.39		1.7	0.014	0.78
Nitrite, NO_2 - mg/L		0.21			0.026			0.178			0.168		0.21	0.026	0.15
Total Suspended Solids @ 103-105°C - mg/L		2600			1800			1920			2510		2600	1800	2207.50
Total Dissolved Solids (grav) - mg/L		8600			9100			6833			10990		10990	6833	8880.75
Sulphide, S_2 - mg/L		90.5			NT			195			NT		195	90.5	142.75
Sulphite, SO_3 - mg/L		1800			NT			28			NT		1800	28	914.00
Sulphur, S - mg/L		840			1510			1340			1050		1510	840	1185.00
Hexavalent Chromium, Cr_{6+} - mg/L		0.025			0.004			0.004			0.094		0.094	0.004	0.03
COD - mgO_2/L		5500			NT			5510			NT		5510	5500	5505.00
Potassium - mg/L		23			100			117			104		117	23	86.00
Calcium - mg/L		22			596			156			419		596	22	298.25
Magnesium - mg/L		1.8			32			159			105		159	1.8	74.45
Manganese - mg/L		1.7			NT			NT			NT		1.7	1.7	1.70
SAR		56.1			14			NT			NT		56.1	14	35.05

EPA ID LOCATION: 13
EPA LICENSE NUMBER: 3465