

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								390	380	385.00
BOD - mg/L		2800			5300								5300	2800	4050.00
Chloride - mg/L		990			1600								1600	990	1295.00
Chromium Total - mg/L		0.28			0.23								0.28	0.23	0.26
Electrical Conductivity - µS/cm		7350			8520								8520	7350	7935.00
Oil & Grease (LLE) - mg/L		111			33								111	33	72.00
pH - pH Units		6.72			6.77								6.77	6.72	6.75
Total Phosphorus - mg/L		13			16								16	13	14.50
Sodium - mg/L		920			1340								1340	920	1130.00
Sulphate, SO ₄ - mg/L		1580			7								1580	7	793.50
Total Kjeldahl Nitrogen - mg/L		450			590								590	450	520.00
Nitrogen Total - mg/L		450			590								590	450	520.00
Nitrate, NO ₃ - mg/L		0.005			0.008								0.008	0.005	0.01
Nitrite, NO ₂ - mg/L		0.15			0.025								0.15	0.025	0.09
Total Suspended Solids @ 103-105°C - mg/L		910			1200								1200	910	1055.00
Total Dissolved Solids (grav) - mg/L		4400			7400								7400	4400	5900.00
Sulphide, S ₂ - mg/L		103			158								158	103	130.50
Sulphite, SO ₃ - mg/L		210			395								395	210	302.50
Sulphur, S - mg/L		1440			1300								1440	1300	1370.00
Hexavalent Chromium, Cr ₆₊ - mg/L		0.002			0.002								0.002	0.002	0.00
COD - mgO ₂ /L		4800			7200								7200	4800	6000.00
Potassium - mg/L		140			110								140	110	125.00
Calcium - mg/L		280			600								600	280	440.00
Magnesium - mg/L		16			15								16	15	15.50
Manganese - mg/L		1.3			0.58								1.3	0.58	0.94
SAR		14.5			14.7								14.7	14.5	14.60

EPA ID LOCATION: 13
EPA LICENSE NUMBER: 3465