

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			180		390	180	297.50
BOD - mg/L		2800			5300			2300			3000		5300	2300	3350.00
Chloride - mg/L		990			1600			1600			1100		1600	990	1322.50
Chromium Total - mg/L		0.28			0.23			0.21			0.15		0.28	0.15	0.22
Electrical Conductivity - µS/cm		7350			8520			8550			6580		8550	6580	7750.00
Oil & Grease (LLE) - mg/L		111			33			65			282		282	33	122.75
pH - pH Units		6.72			6.77			6.67			6.77		6.77	6.67	6.73
Total Phosphorus - mg/L		13			16			16			33		33	13	19.50
Sodium - mg/L		920			1340			990			97		1340	97	836.75
Sulphate, SO ₄ - mg/L		1580			1300			3140			1390		3140	1300	1852.50
Total Kjeldahl Nitrogen - mg/L		450			590			530			510		590	450	520.00
Nitrogen Total - mg/L		450			590			530			510		590	450	520.00
Nitrate, NO ₃ - mg/L		0.005			0.008			2.6			0.7		2.6	0.005	0.83
Nitrite, NO ₂ - mg/L		0.15			0.025			1.6			0.056		1.6	0.025	0.46
Total Suspended Solids @ 103-105°C - mg/L		910						47			940		940	47	632.33
Total Dissolved Solids (grav) - mg/L		4400			7400			10400			6100		10400	4400	7075.00
Sulphide, S ₂ - mg/L		103			158			115			61.2		158	61.2	109.30
Sulphite, SO ₃ - mg/L		210			395			2520			825		2520	210	987.50
Sulphur, S - mg/L		1440			1300			1170			830		1440	830	1185.00
Hexavalent Chromium, Cr ₆₊ - mg/L		0.002			0.002			0.002			0.15		0.15	0.002	0.04
COD - mgO ₂ /L		4800			7200			3600			5100		7200	3600	5175.00
Potassium - mg/L		140			110			95			31		140	31	94.00
Calcium - mg/L		280			600			580			28		600	28	372.00
Magnesium - mg/L		16			15			18			3.7		18	3.7	13.18
Manganese - mg/L		1.3			0.58			3.6			0.94		3.6	0.58	1.61
SAR		14.5			14.7			11			4.6		14.7	4.6	11.20