

EF40 - IRRIGATION EFFLUENT TESTING RESULTS - 2023

Approved By: General Manager

Version: 1

Issue Date: 24 March 2021

Review Date: 24 March 2024



*Not Tested (NT) No Sample (NS)

ANALYSIS	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	HIGH	LOW	AVE
Ammonia as N in water - mg/L		370			250			300					370	250	306.67
BOD - mg/L		2500			5900			5300					5900	2500	4566.67
Chloride - mg/L		1200			1800			1700					1800	1200	1566.67
Chromium Total - mg/L		0.21			1			0.14					1	0.14	0.45
Electrical Conductivity - µS/cm		6890			7940			7950					7950	6890	7593.33
Oil & Grease (LLE) - mg/L		71			108			206					206	71	128.33
pH - pH Units		7.09			7.63			6.97					7.63	6.97	7.23
Total Phosphorus - mg/L		8.5			21			20					21	8.5	16.50
Sodium - mg/L		1110			1400			1340					1400	1110	1283.33
Sulphate, SO ₄ - mg/L		1680			2770			3480					3480	1680	2643.33
Total Kjeldahl Nitrogen - mg/L		600			770			700					770	600	690.00
Nitrogen Total - mg/L		600			770			700					770	600	690.00
Nitrate, NO ₃ - mg/L		0.01			0.005			0.005					0.01	0.005	0.01
Nitrite, NO ₂ - mg/L		0.16			0.092			0.11					0.16	0.092	0.12
Total Suspended Solids @ 103-105°C - mg/L		1300			1900			3400					3400	1300	2200.00
Total Dissolved Solids (grav) - mg/L		5700			9000			4700					9000	4700	6466.67
Sulphide, S ₂ - mg/L		0.02			172			67.5					172	0.02	79.84
Sulphite, SO ₃ - mg/L		275			225			425					425	225	308.33
Sulphur, S - mg/L		760			1570			1670					1670	760	1333.33
Hexavalent Chromium, Cr ₆₊ - mg/L		0.001			1			0.002					1	0.001	0.33
COD - mgO ₂ /L		4600			6900			8200					8200	4600	6566.67
Potassium - mg/L		44			88			100					100	44	77.33
Calcium - mg/L		69			790			810					810	69	556.33
Magnesium - mg/L		38			16			20					38	16	24.67
Manganese - mg/L		14			22			32					32	14	22.67
SAR		26.6			13.5			12.7					26.6	12.7	17.60

EPA ID LOCATION: 13
EPA LICENSE NUMBER: 3465