

Environmental Reporting Data Effluent - Monthly - February 2019

POLLUTANT	UNITS OF MEASURE	MONITORING FEQUENCY	No. TIMES MEASURED DURING MONTH	MINIMUM VALUE	MEAN VALUE	MEDIAN VALUE	MAXIMUM VALUE
Calcium Total	mg/L	Season dependant	2	10	12	12	14
Magnesium Total	mg/L			4.4	5	5	5.8
Phosphorus Total	mg/L			9.1	10	10	10
Potassium Total	mg/L			66	118	118	170
Sodium Total	mg/L			160	280	280	400
Sodium Absorption Ratio	mEq/L			10	17	17	23
Chloride	mg/L			49	63	63	76
Bicarbonate	mg/L			77	184	184	290
Carbonate	mg/L			<5	<5	<5	<5
Total Dissolved Solids	mg/L			790	1895	1895	3000
Nitrogen – Total Kjeldahl	mg/L			14	18	18	21
Carbon – Total Organic	mg/L			1300	2350	2350	3400
Biochemical Oxygen Demand (BOD)	mg/L	Season dependant	2	1560	2780	2780	4000

POLLUTANT	UNITS OF MEASURE	MONITORING FEQUENCY	No. TIMES MEASURED DURING MONTH	MINIMUM VALUE	MAXIMUM VALUE	100 PERCENTILE LIMIT	EXCEEDANCE (YES/NO)
Conductivity*	µS/cm	Season dependant	2	970	1900	4200	No
pH*	pH unit			5.20	5.50	5.0 - 8.5	No
Waste Water Output	kL	Continuous		556	1951	3000per day	No

\*Location of sample point: Sampling off-take valve from distribution shed to irrigation area

Date published:

10-Apr-19