

Environmental Reporting Data Effluent - Monthly - March 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	22	23	23	24
Magnesium Total	mg/L			7	8	8	8.6
Phosphorus Total	mg/L			27	31	31	35
Potassium Total	mg/L			190	265	265	340
Sodium Total	mg/L			250	390	390	530
Sodium Absorption Ratio	mEq/L			12	18	18	23
Chloride	mg/L			28	38	38	48
Bicarbonate	mg/L			0	245	245	490
Carbonate	mg/L			<5	<5	<5	<5
Total Dissolved Solids	mg/L			1800	1900	1900	2000
Nitrogen – Total Kjeldahl	mg/L			21	28	28	34
Carbon – Total Organic	mg/L			240	1670	1670	3100
Biochemical Oxygen Demand (BOD)	mg/L	Season dependant	2	860	2895	2895	4930

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	1900	2500	4200	No
pH*	pH unit			4.40	5.80	5.0 - 8.5	No
Waste Water Output	kL	Continuous		807	1807	3000per day	No

*Location of sample point: Sampling off-take valve from distribution shed to irrigation area
 Minimum pH value incorrect as taken from sampling point prior to correction doser.

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