

Environmental Reporting Data Effluent - Monthly - January 2016

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	1	15	15	15	15
Magnesium Total	mg/L			6.4	6.4	6.4	6.4
Phosphorus Total	mg/L			6.7	7	6.7	6.7
Potassium Total	mg/L			110	110	110	110
Sodium Total	mg/L			250	250	250	250
Sodium Absorption Ratio	mEq/L			14	14	14	14
Chloride	mg/L			50	50	50	50
Bicarbonate	mg/L			470	470	470	470
Carbonate	mg/L			<5	<5	<5	<5
Total Dissolved Solids	mg/L			1100	1100	1100	1100
Nitrogen – Total Kjeldahl	mg/L			8	8	8	8
Carbon – Total Organic	mg/L			980	980	980	980
Biochemical Oxygen Demand (BOD)	mg/L	Season dependant	1	2000	2000	2000	2000

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	1	1700	1700	4200	No
pH*	pH unit			5.5	5.5	5.0 – 8.5	No
Waste Water Output	kL	Continuous		16	1519	3000per day	No

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

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