

**Environmental Reporting Data Effluent - Bi-Monthly - May/June 2016**

POLLUTANT	UNITS OF MEASURE	MONITORING FREQUENCY	No. TIMES MEASURED DURING MONTH	MINIMUM VALUE	MEAN VALUE	MEDIAN VALUE	MAXIMUM VALUE
Calcium Total	mg/L	Season dependant	1	20	20	20	20
Magnesium Total	mg/L			6	6	6	6
Phosphorus Total	mg/L			40	40	40	40
Potassium Total	mg/L			300	300	300	300
Sodium Total	mg/L			500	500	500	500
Sodium Absorption Ratio	mEq/L			25	25	25	25
Chloride	mg/L			48	48	48	48
Bicarbonate	mg/L			890	890	890	890
Carbonate	mg/L			<5	<5	<5	<5
Total Dissolved Solids	mg/L			1600	1600	1600	1600
Nitrogen – Total Kjeldahl	mg/L			19	19	19	19
Carbon – Total Organic	mg/L			1700	1700	1700	1700
Biochemical Oxygen Demand (BOD)	mg/L			Season dependant	0	0	0

POLLUTANT	UNITS OF MEASURE	MONITORING FREQUENCY	No. TIMES MEASURED DURING MONTH	MINIMUM VALUE	MAXIMUM VALUE	100 PERCENTILE LIMIT	EXCEEDANCE (YES/NO)
Conductivity*	µS/cm	Season dependant	1	2500	2500	4200	No
pH*	pH unit			7.25	7.25	5.0 – 8.5	No
Waste Water Output	kL	Continuous		0	1491	3000per day	No

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

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