

**Environmental Reporting Data Effluent - Monthly - March 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	2	24	24.5	24.5	25
Magnesium Total	mg/L			9.5	10.25	10.25	11
Phosphorus Total	mg/L			26	53.5	53.5	81
Potassium Total	mg/L			190	235	235	280
Sodium Total	mg/L			410	475	475	540
Sodium Absorption Ratio	mEq/L			17	20	20	23
Chloride	mg/L			73	126.5	126.5	180
Bicarbonate	mg/L			160	630	630	1100
Carbonate	mg/L			<5	<5	<5	<5
Total Dissolved Solids	mg/L			1300	1550	1550	1800
Nitrogen – Total Kjeldahl	mg/L			18	19.5	19.5	21
Carbon – Total Organic	mg/L			1400	1950	1950	2500
Biochemical Oxygen Demand (BOD)	mg/L			Season dependant	2	3500	5500

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	2100	2900	4200	No
pH*	pH unit			4.7	6	5.0 – 8.5	Yes
Waste Water Output	kL	Continuous		394	1456	3000per day	No

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

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