

Environmental Reporting Data Effluent - Monthly -March 2015

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	14	16	16	18
Magnesium Total	mg/L			7	8.1	8.1	9.2
Phosphorus Total	mg/L			11	13	13	15
Potassium Total	mg/L			230	240	240	250
Sodium Total	mg/L			450	455	455	460
Sodium Absorption Ratio	mEq/L			22	24	23.5	25
Chloride	mg/L			19	22	22	25
Bicarbonate	mg/L			230	285	285	340
Carbonate	mg/L			<5	<5	<5	<5
Total Dissolved Solids	mg/L			1300	1450	1450	1600
Nitrogen – Total Kjeldahl	mg/L			27	32	31.5	36
Carbon – Total Organic	mg/L			1100	1950	1950	2800
Biochemical Oxygen Demand (BOD)	mg/L			Season dependant	2	6100	7050

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	2000	2500	4200	No
pH*	pH unit			5.6	5.8	5.0 – 8.5	No
Waste Water Output	kL	Continuous		715	1434	3000per day	No

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

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