

Environmental Reporting Data Effluent - Bi-Monthly - July/August 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	14	14	14	14
Magnesium Total	mg/L			6.2	6.2	6.2	6.2
Phosphorus Total	mg/L			11	11	11	11
Potassium Total	mg/L			210	210	210	210
Sodium Total	mg/L			350	350	350	350
Sodium Absorption Ratio	mEq/L			20	20	20	20
Chloride	mg/L			52	52	52	52
Bicarbonate	mg/L			290	290	290	290
Carbonate	mg/L			<5	<5	<5	<5
Total Dissolved Solids	mg/L			1300	1300	1300	1300
Nitrogen – Total Kjeldahl	mg/L			13	13	13	13
Carbon – Total Organic	mg/L			1600	1600	1600	1600
Biochemical Oxygen Demand (BOD)	mg/L			Season dependant	0	0	0

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	2100	2100	4200	No
pH*	pH unit			8.4	8.4	5.0 – 8.5	No
Waste Water Output	kL	Continuous		0	1014	3000per day	No

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

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15-Sep-16