

Environmental Reporting Data Effluent - Monthly - April 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	18	20.5	20.5	23
Magnesium Total	mg/L			6.3	6.4	6.4	6.5
Phosphorus Total	mg/L			23	26.5	26.5	30
Potassium Total	mg/L			240	240	240	240
Sodium Total	mg/L			418	499	499	580
Sodium Absorption Ratio	mEq/L			20	25	25	30
Chloride	mg/L			42	46	46	50
Bicarbonate	mg/L			750	805	805	860
Carbonate	mg/L			<5	<5	<5	<5
Total Dissolved Solids	mg/L			1300	1350	1350	1400
Nitrogen – Total Kjeldahl	mg/L			7	11.5	11.5	16
Carbon – Total Organic	mg/L			1500	1550	1550	1600
Biochemical Oxygen Demand (BOD)	mg/L	Season dependant	1	3100	3100	3100	3100

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	2200	4200	No
pH*	pH unit			5.8	7.06	5.0 – 8.5	No
Waste Water Output	kL	Continuous		0	1028	3000per day	No

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

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