

Environmental Reporting Data Effluent - Monthly - February 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	16	18	18	20
Magnesium Total	mg/L			9	9.25	9.25	9.5
Phosphorus Total	mg/L			14	14.5	14.5	15
Potassium Total	mg/L			270	335	335	400
Sodium Total	mg/L			290	320	320	350
Sodium Absorption Ratio	mEq/L			14	15	15	16
Chloride	mg/L			24	24	24	24
Bicarbonate	mg/L			130	435	435	740
Carbonate	mg/L			<5	<5	<5	<5
Total Dissolved Solids	mg/L			1300	1350	1350	1400
Nitrogen – Total Kjeldahl	mg/L			17	21	21	25
Carbon – Total Organic	mg/L			3200	3250	3250	3300
Biochemical Oxygen Demand (BOD)	mg/L			Season dependant	2	9000	10500

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			5.0	5.6	5.0 – 8.5	No
Waste Water Output	kL	Continuous		458	1526	3000per day	No

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

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