

Environmental Reporting Data Effluent - Monthly -February 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	21	23	23	24
Magnesium Total	mg/L			11	11.5	11.5	12
Phosphorus Total	mg/L			57	67	66.5	76
Potassium Total	mg/L			220	245	245	270
Sodium Total	mg/L			700	705	705	710
Sodium Absorption Ratio	mEq/L			30	55	55	80
Chloride	mg/L			71	76	75.5	80
Bicarbonate	mg/L			270	425	425	580
Carbonate	mg/L			<5	<5	<5	<5
Total Dissolved Solids	mg/L			1700	1850	1850	2000
Nitrogen – Total Kjeldahl	mg/L			25	29	28.5	32
Carbon – Total Organic	mg/L			3500	3750	3750	4000
Biochemical Oxygen Demand (BOD)	mg/L	Season dependant	2	7700	8850	8850	10000

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	2600	3100	4200	No
pH*	pH unit			5.2	5.8	5.0 – 8.5	No
Waste Water Output	kL	Continuous		61	2024	3000per day	No

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

Date published:

13th March 2015