

Environmental Reporting Data Effluent - Monthly - February 2020

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	19	24	24	28
Magnesium Total	mg/L			7.8	9	9	10
Phosphorus Total	mg/L			11	56	56	100
Potassium Total	mg/L			170	335	335	500
Sodium Total	mg/L			530	555	555	580
Sodium Absorption Ratio	mEq/L			24	25	25	25
Chloride	mg/L			79	88	88	97
Bicarbonate	mg/L			250	500	500	750
Carbonate	mg/L			0	0	0	0
Total Dissolved Solids	mg/L			4000	5050	5050	6100
Nitrogen – Total Kjeldahl	mg/L			6.3	7	7	7.1
Carbon – Total Organic	mg/L			1300	2400	2400	3500
Biochemical Oxygen Demand (BOD)	mg/L	Season dependant	2	430	3315	3315	6200

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	2900	3000	4200	No
pH*	pH unit			4.80	6.00	5.0 – 8.5	No
Waste Water Output	kL	Continuous		120	2103	3000per day	No

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

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