

Environmental Reporting Data Effluent - Monthly - March 2018

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	20	22	22	23		
Magnesium Total	mg/L			9.7	10.4	10.35	11		
Phosphorus Total	mg/L			13	15	15	17		
Potassium Total	mg/L			230	245	245	260		
Sodium Total	mg/L			53	142	141.5	230		
Sodium Absorption Ratio	mEq/L			11	15.0	15	19		
Chloride	mg/L			59	71	70.5	82		
Bicarbonate	mg/L			430	635	635	840		
Carbonate	mg/L			<5	<5	<5	<5		
Total Dissolved Solids	mg/L			1370	1395	1395	1420		
Nitrogen – Total Kjeldahl	mg/L			16	25	24.5	33		
Carbon – Total Organic	mg/L			1900	2500	2500	3100		
Biochemical Oxygen Demand (BOD)	mg/L			Season dependant	2	4000	5800	5800	7600
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	2140	2220	4200	No		
pH*	pH unit			5.20	5.7	5.0 – 8.5	No		
Waste Water Output	KL	Continuous		672	1223	3000per day	No		

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

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