

Environmental Reporting Data Effluent - Monthly - March 2017

POLLUTANT	UNITS OF MEASURE	MONITORING FREQUENCY	No. TIMES MEASURED DURING MONTH	MINIMUM VALUE	MEAN VALUE	MEDIAN VALUE	MAXIMUM VALUE
Calcium Total	mg/L	Season dependant	2	17	21	21	25
Magnesium Total	mg/L			9.2	11.6	11.6	14
Phosphorus Total	mg/L			57	58	58	59
Potassium Total	mg/L			110	250	250	390
Sodium Total	mg/L			220	265	265	310
Sodium Absorption Ratio	mEq/L			8.7	11.9	11.9	15.1
Chloride	mg/L			68	83	82.5	97
Bicarbonate	mg/L			250	315	315	380
Carbonate	mg/L			<5	<5	<5	<5
Total Dissolved Solids	mg/L			930	1265	1265	1600
Nitrogen - Total Kjeldahl	mg/L	16	21	20.5	25		
Carbon - Total Organic	mg/L	1500	2350	2350	3200		
Biochemical Oxygen Demand (BOD)	mg/L	Season dependant	2	3300	3450	3450	3600
POLLUTANT	UNITS OF MEASURE	MONITORING FREQUENCY	No. TIMES MEASURED DURING MONTH	MINIMUM VALUE	MAXIMUM VALUE	100 PERCENTILE LIMIT	EXCEEDANCE (YES/NO)
Conductivity*	µS/cm	Season dependant	2	1400	2500	4200	No
pH*	pH unit			5.20	5.3	5.0 - 8.5	No
Waste Water Output	KL	Continuous		0	1523	3000per day	No

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

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