

Environmental Reporting Data Effluent - Monthly - February 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	19	20	20	21		
Magnesium Total	mg/L			8.7	9.4	9.35	10		
Phosphorus Total	mg/L			59	150	149.5	240		
Potassium Total	mg/L			180	210	210	240		
Sodium Total	mg/L			200	370	370	540		
Sodium Absorption Ratio	mEq/L			9.3	17.2	17.15	25		
Chloride	mg/L			78	82	82	86		
Bicarbonate	mg/L			220	410	410	600		
Carbonate	mg/L			<5	<5	<5	<5		
Total Dissolved Solids	mg/L			1500	1600	1600	1700		
Nitrogen - Total Kjeldahl	mg/L			11	12	12	13		
Carbon - Total Organic	mg/L			860	1830	1830	2800		
Biochemical Oxygen Demand (BOD)	mg/L			Season dependant	2	1600	4250	4250	6900
POLLUTANT	UNITS OF MEASURE			MONITORING FREQUENCY	NO. TIMES MEASURED DURING MONTH	MINIMUM VALUE	MAXIMUM VALUE	100 PERCENTILE LIMIT	EXCEEDANCE (YES/NO)
Conductivity*	uS/cm	Season dependant	2	2400	2600	4200	No		
pH*	pH unit	Continuous		5.20	6.9	5.0 - 8.5	No		
Waste Water Output	kl			0	1536	3000per day	No		

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

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