

Environmental Reporting Data Effluent - Monthly - February 2018

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	20
Magnesium Total	mg/L			13	15.0	15	17
Phosphorus Total	mg/L			13	13	13	13
Potassium Total	mg/L			150	245	245	340
Sodium Total	mg/L			540	590	590	640
Sodium Absorption Ratio	mEq/L			22	24.5	24.5	27
Chloride	mg/L			82	226	226	370
Bicarbonate	mg/L			680	690	690	700
Carbonate	mg/L			<5	<5	<5	<5
Total Dissolved Solids	mg/L			1010	1260	1260	1510
Nitrogen – Total Kjeldahl	mg/L			20	21	20.5	21
Carbon – Total Organic	mg/L			2700	3150	3150	3600
Biochemical Oxygen Demand (BOD)	mg/L			3600	5850	5850	8100
POLLUTANT	UNITS OF MEASURE			MONITORING FREQUENCY	No. TIMES MEASURED DURING MONTH	MINIMUM VALUE	MAXIMUM VALUE
Conductivity*	µS/cm	Season dependant	2	1570	2360	4200	No
pH*	pH unit	Continuous	2	5.40	5.5	5.0 – 8.5	No
Waste Water Output	kl	Continuous	2	649	1470	3000per day	No

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

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