

Environmental Reporting Data Effluent - Monthly - April 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	18	20	20	22
Magnesium Total	mg/L			7.3	11.2	11.15	15
Phosphorus Total	mg/L			35	35	35	35
Potassium Total	mg/L			141	151	150.5	160
Sodium Total	mg/L			320	380	380	440
Sodium Absorption Ratio	mEq/L			13	17.5	17.5	22
Chloride	mg/L			53	57	57	61
Bicarbonate	mg/L			540	605	605	670
Carbonate	mg/L			<5	<5	<5	<5
Total Dissolved Solids	mg/L			1370	1395	1395	1420
Nitrogen - Total Kjeldahl	mg/L			21	23	22.5	24
Carbon - Total Organic	mg/L			1600	3100	3100	4600
Biochemical Oxygen Demand (BOD)	mg/L			0	6500	6500	13000

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	1800	2000	4200	No
pH*	pH unit	Continuous	2	5.30	6.5	5.0 - 8.5	No
Waste Water Output	kL	Continuous		76	1876	3000per day	No

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

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