

Environmental Reporting Data Effluent - Monthly - September/October 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 | 1 | 13 | 13 | 13 | 13 |
| Magnesium Total | mg/L | | | 9.9 | 9.9 | 9.9 | 9.9 |
| Phosphorus Total | mg/L | | | 82 | 82 | 82 | 82 |
| Potassium Total | mg/L | | | 110 | 110 | 110 | 110 |
| Sodium Total | mg/L | | | 210 | 210 | 210 | 210 |
| Sodium Absorption Ratio | mEq/L | | | 11 | 11.0 | 11 | 11 |
| Chloride | mg/L | | | 53 | 53 | 53 | 53 |
| Bicarbonate | mg/L | | | 240 | 240 | 240 | 240 |
| Carbonate | mg/L | | | <5 | <5 | <5 | <5 |
| Total Dissolved Solids | mg/L | | | 1420 | 1420 | 1420 | 1420 |
| Nitrogen – Total Kjeldahl | mg/L | | | 7.8 | 8 | 7.8 | 7.8 |
| Carbon – Total Organic | mg/L | | | 500 | 500 | 500 | 500 |
| Biochemical Oxygen Demand (BOD) | mg/L | Season dependant | 1 | 330 | 330 | 330 | 330 |

| 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 | 1 | 1200 | 1200 | 4200 | No |
| pH* | pH unit | | | 6.40 | 6.4 | 5.0 – 8.5 | No |
| Waste Water Output | kL | Continuous | | 0 | 1067 | 3000per day | No |

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

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