

Pollution Monitoring Data

Licence Number: 20801

Licence Holder: Sunpork Consolidated PTY LTD

Premises: 2 Berryman Road Thyra NSW 2731

Reporting Period: 26/08/2020 to 26/08/2021

<https://apps.epa.nsw.gov.au/prpoeoapp/SearchResult.aspx?SearchTag=licence&searchrange=licence&range=licence>

Effluent application Monitoring point 1 (Pivot 1)

| Pollutant | Unit of Measure | No. of Samples Required by Licence | No. of Samples Collected and Analysed | Lowest Sample Value | Mean of Sample | Highest Sample Value |
|--------------------------------|-----------------|------------------------------------|---------------------------------------|---------------------|----------------|----------------------|
| Chloride | Mg/kg | 1 | 1 | 89 | 99.5 | 110 |
| Calcium | % | 1 | 1 | 0.1 | 0.3 | 0.3 |
| Sodium | % | 1 | 1 | 0.0 | 0.05 | 0.1 |
| Magnesium | % | 1 | 1 | 0.3 | 0.45 | 0.6 |
| Potassium | Cmol/kg | 1 | 1 | 0.96 | 1.38 | 1.8 |
| Exchangeable Sodium Percentage | % | 1 | 1 | 4.6 | 5.8 | 7.3 |
| Extractable Nitrate-N | Mg/Kg | 1 | 1 | 53 | 58.5 | 64 |
| Total Nitrogen | Mg/Kg | 1 | 1 | 500 | 750 | 1000 |
| Organic Carbon | % | 1 | 1 | 0.38 | 0.71 | 1.04 |
| Total Phosphorus | Mg/Kg | 1 | 1 | 0.0 | 0.0 | 0.0 |
| Available Phosphorous | Mg/Kg | 1 | 1 | <5.0 | 28.5 | 52 |
| Conductivity | dS/M | 1 | 1 | 0.24 | 0.275 | 0.31 |
| PH | | 1 | 1 | 5.2 | 6.95 | 8.7 |

Effluent Application Monitoring Point 2 (Pivot 2)

| Pollutant | Unit of Measure | No. of Samples Required by Licence | No. of Samples Collected and Analysed | Lowest Sample Value | Mean of Sample | Highest Sample Value |
|--------------------------------|-----------------|------------------------------------|---------------------------------------|---------------------|----------------|----------------------|
| Chloride | Mg/kg | 1 | 1 | 89 | 99.5 | 110 |
| Calcium | % | 1 | 1 | 0.1 | 0.3 | 0.5 |
| Sodium | % | 1 | 1 | 0.0 | 0.05 | 0.1 |
| Magnesium | % | 1 | 1 | 0.3 | 0.45 | 0.6 |
| Potassium | % | 1 | 1 | 0.5 | 0.6 | 0.7 |
| Exchangeable Sodium Percentage | % | 1 | 1 | 5.8 | 7.6 | 9.4 |
| Extractable Nitrate-N | Mg/Kg | 1 | 1 | 74 | 107 | 140 |
| Total Nitrogen | Mg/Kg | 1 | 1 | <500 | 750 | 1000 |
| Organic Carbon | % | 1 | 1 | 0.26 | 0.60 | 0.95 |
| Total Phosphorus | Mg/Kg | 1 | 1 | 0.0 | 0.0 | 0.0 |
| Available Phosphorous | Mg/Kg | 1 | 1 | <5.0 | 34.5 | 64 |
| Conductivity | dS/M | 1 | 1 | 0.31 | 0.35 | 0.39 |
| PH | | 1 | 1 | 5.7 | 7.3 | 8.9 |