

GROUNDWATER MONITORING DATA 2014

Landtasia Organic Farms Pty Ltd is required to publish environmental monitoring data under Section 66 (6) of the POEO Act 1997.

| Pollutant | UNIT OF MEASURE | FREQUENCY | SAMPLING METHOD | JAN BASELINE | APRIL | JULY | OCT | No of samples required by license | No of samples collected & analysed | Lowest sample value | Mean of sample | Highest sample value |
|---------------------------------|-----------------------|-----------|-----------------|--------------|---------|---------|---------|-----------------------------------|------------------------------------|---------------------|----------------|----------------------|
| Alkalinity (CaCO ₃) | Milligrams per litre | Yearly | Grab | 260.00 | | | | 1 | 1 | 260.00 | 260.00 | 260.00 |
| Calcium | Milligrams per litre | Quarterly | Grab | 76.00 | 76.00 | 76.40 | 78.80 | 4 | 4 | 76.00 | 76.80 | 78.80 |
| Chloride | Milligrams per litre | Quarterly | Grab | 570.00 | 610.00 | 598.00 | 593.00 | 4 | 4 | 570.00 | 592.75 | 610.00 |
| Fluoride | Milligrams per litre | Quarterly | Grab | 0.84 | 0.80 | 1.00 | 1.00 | 4 | 4 | 0.80 | 0.91 | 1.00 |
| Iron | Milligrams per litre | Quarterly | Grab | 1.30 | 0.46 | 0.32 | 0.22 | 4 | 4 | 0.22 | 0.58 | 1.30 |
| Magnesium | Milligrams per litre | Quarterly | Grab | 60.00 | 58.60 | 59.60 | 62.10 | 4 | 4 | 58.60 | 60.08 | 62.10 |
| Manganese | Milligrams per litre | Quarterly | Grab | 1.30 | 0.78 | 0.43 | 0.17 | 4 | 4 | 0.17 | 0.67 | 1.30 |
| Nitrate | Milligrams per litre | Quarterly | Grab | 1.80 | 0.98 | 0.85 | 0.93 | 4 | 4 | 0.85 | 1.14 | 1.80 |
| Nitrogen (NH ₃) | Milligrams per litre | Quarterly | Grab | ND | ND | ND | ND | 4 | 4 | ND | ND | ND |
| Organochlorine Pesticides | Micrograms per litre | Yearly | Grab | ND | | | | 1 | 1 | ND | ND | ND |
| Organophosphate Pesticides | Micrograms per litres | Yearly | Grab | ND | | | | 1 | 1 | ND | ND | ND |
| pH | pH | Quarterly | in situ | 8.98 | 7.08 | 7.06 | 7.30 | 4 | 4 | 7.06 | 7.61 | 8.98 |
| Potassium | Milligrams per litre | Quarterly | Grab | 1.70 | 1.00 | 1.00 | 1.00 | 4 | 4 | 1.00 | 1.18 | 1.70 |
| Sodium | Milligrams per litre | Quarterly | Grab | 350.00 | 310.00 | 307.00 | 326.00 | 4 | 4 | 307.00 | 323.25 | 350.00 |
| Sulphate | Milligrams per litre | Quarterly | Grab | 14.00 | 15.90 | 17.20 | 18.20 | 4 | 4 | 14.00 | 16.33 | 18.20 |
| TDS | Milligrams per litre | Quarterly | Grab | 1300.00 | 1400.00 | 1350.00 | 1370.00 | 4 | 4 | 1300.00 | 1355.00 | 1400.00 |
| TOC | Milligrams per litre | Quarterly | Grab | 3.00 | 2.00 | 3.00 | 3.00 | 4 | 4 | 2.00 | 2.75 | 3.00 |
| Total Phenolics | Micrograms per litres | Yearly | Grab | ND | | | | 1 | 1 | ND | ND | ND |
| VOCs | Milligrams per litre | Yearly | Grab | ND | | | | 1 | 1 | ND | ND | ND |

*ND = Not Detected