

GROUNDWATER MONITORING DATA 2021

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-21	Apr-21	Jul-21	Oct-21	No of samples required by license	No of samples collected & analysed	Lowest sample value	Mean of sample	Highest sample value
Total Alkalinity	Milligrams per litre	Yearly	Grab	249.00				1	1	249.00	247.00	249.00
Calcium	Milligrams per litre	Quarterly	Grab	72.90		79.20	78.00	4	4	72.90	76.70	79.20
Chloride	Milligrams per litre	Quarterly	Grab	551.00		584.00	2560.00	4	4	551.00	1231.67	2560.00
Fluoride	Milligrams per litre	Quarterly	Grab	0.92		0.87	0.83	4	4	0.83	0.88	0.92
Iron	Milligrams per litre	Quarterly	Grab	0.08		0.14	0.06	4	4	0.06	0.09	0.14
Magnesium	Milligrams per litre	Quarterly	Grab	52.80		55.20	59.80	4	4	52.80	55.93	59.80
Manganese	Milligrams per litre	Quarterly	Grab	0.00		0.00	0.00	4	4	0.00	0.00	0.00
Nitrate	Milligrams per litre	Quarterly	Grab	1.57		1.31	1.93	4	4	1.31	1.60	1.93
Nitrogen (NH ₃)	Milligrams per litre	Quarterly	Grab	<LOR	<LOR	<LOR	<LOR	4	4	<LOR	<LOR	<LOR
Organochlorine Pesticides	Micrograms per litre	Yearly	Grab	<LOR				1	1	<LOR	<LOR	<LOR
Organophosphate Pesticides	Micrograms per litres	Yearly	Grab	<LOR				1	1	<LOR	<LOR	<LOR
pH	pH	Quarterly	Grab	7.12		7.13	7.48	4	4	7.12	7.24	7.48
Potassium	Milligrams per litre	Quarterly	Grab	0.80		0.90	0.80	4	4	0.80	0.83	0.90
Sodium	Milligrams per litre	Quarterly	Grab	307.00		333.00	349.00	4	4	307.00	329.67	349.00
Sulphate	Milligrams per litre	Quarterly	Grab	17.70		14.90	15.30	4	4	14.90	15.97	17.70
TDS	Milligrams per litre	Quarterly	Grab	1280.00		1220.00	1330.00	4	4	1220.00	1276.67	1330.00
TOC	Milligrams per litre	Quarterly	Grab	2.00		4.00	6.00	4	4	2.00	4.00	6.00
Total Phenolics	Micrograms per litres	Yearly	Grab	<LOR				1	1	<LOR	<LOR	<LOR
VOCs	Milligrams per litre	Yearly	Grab	<LOR				1	1	<LOR	<LOR	<LOR

*<LOR: Below Level of Reporting