

Environment Monitoring Results



Environment Protection Licence No.	11604
Link to Licence on EPA Website	https://app.epa.nsw.gov.au/prpoeapp/Detail.aspx?instid=11604&id=11604&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued
Licencees Name	Altora Ag Pty Ltd
Licencees Address	57 Polaris St TEMORA NSW 2666
Substance Monitored	Soil
Monitoring Frequency	Yearly
Reporting Period	18/01/2025 - 17/01/2026
Published Date	March 2026

Sampling Date		11/1/2026				11/1/2026				11/1/2026				11/1/2026				
Monitoring Point		H2 North - Heinrichs				W2 East - Wilesmiths				M4 East - Marlow				M4 West - Marlow				
Pollutants	Units	0-10	10-20	20-75cm	Average /10cm	0-10	10-20	20-75cm	Average /10cm	0-10	10-20	20-75cm	Average /10cm	0-10	10-20	20-75cm	Average /10cm	Sample Mean
Chloride	mg/kg	14.00	15.00	34.00	28.80	22.00	22.00	42.00	36.67	20.00	25.00	77.00	62.47	31.00	35.00	96.00	79.20	51.78
Elect Conductivity	uS/cm	80.00	60.00	140.00	121.33	80.00	100.00	190.00	163.33	130.00	150.00	420.00	345.33	130.00	170.00	400.00	333.33	240.83
Nitrate	mg/kg	14.00	7.80	5.30	6.79	11.00	5.40	3.40	4.68	12.00	5.30	2.80	4.36	12.00	4.90	3.00	4.45	5.07
pH	1:5 water	6.00	6.30	7.00	6.77	6.10	6.80	7.60	7.29	6.80	7.80	9.20	8.69	6.70	7.40	9.20	8.63	7.85
Total Nitrogen	mg/kg	650.00	500.00	500.00	520.00	600.00	500.00	500.00	513.33	850.00	500.00	500.00	546.67	740.00	500.00	500.00	532.00	528.00
Total Organic Carbon	mg/kg	18600.00	8600.00	5400.00	7586.67	14100.00	8000.00	4100.00	5953.33	16900.00	8500.00	3500.00	5953.33	14500.00	6200.00	4600.00	6133.33	6406.67
Total Phosphorus	mg/kg	210.00	120.00	83.00	104.87	250.00	120.00	77.00	105.80	360.00	130.00	99.00	137.93	340.00	140.00	100.00	137.33	121.48
Exchangeable Calcium (Amm-acet)	meq/100g	4.60	2.00	2.10	2.42	4.60	3.40	2.50	2.90	9.00	9.10	14.00	12.68	7.10	7.00	7.10	7.09	6.27
Exchangeable Magnesium (Amm-acet.)	meq/100g	1.40	2.60	8.20	6.55	2.20	3.70	10.00	8.12	6.20	11.00	15.00	13.29	4.20	7.70	12.00	10.39	9.59
Exchangeable Sodium (Amm-acet.)	meq/100g	0.22	0.50	1.90	1.49	0.41	0.73	2.90	2.28	0.89	1.70	4.40	3.57	0.69	1.40	4.60	3.65	2.75
Exchangeable Potassium (Amm-acet.)	meq/100g	0.47	0.46	0.64	0.59	0.40	0.34	0.44	0.42	1.10	0.77	0.56	0.66	1.10	0.76	0.75	0.80	0.62
Cation Exchange Capacity	meq/100g	6.78	5.82	13.00	11.21	7.71	8.26	16.00	13.86	17.30	22.70	33.40	29.83	13.10	16.90	24.90	22.26	19.29
Available Phosphorus (Colwell)	mg/kg	29.00	6.60	5.00	8.41	62.00	13.00	5.70	14.18	82.00	15.00	5.30	16.82	96.00	11.00	6.20	18.81	14.56
ESP - Exchangeable Sodium %	%	3.20	8.50	15.00	12.56	5.30	8.80	18.00	15.08	5.10	7.50	13.00	11.21	5.30	8.40	19.00	15.76	13.65
PSC - Phosphorous Sorption Capacity	Buffer Index (PBI)	68.00	51.00	62.00	61.33	75.00	61.00	66.00	66.53	86.00	120.00	97.00	98.60	83.00	82.00	74.00	76.27	75.68

mg/kg - milligrams per kilogram
meq/100 - milliequivalents of charge per 100 grams of soil.
uS/cm - microsiemens per centimetre