

## Environment Monitoring Results



Environment Protection Licence No.	11604
Link to Licence on EPA Website	<a href="https://app.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=11604&amp;id=11604&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=issued">https://app.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=11604&amp;id=11604&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=issued</a>
Licencees Name	Altora Ag Pty Ltd
Licencees Address	57 Polaris St TEMORA NSW 2666
Substance Monitored	Soil
Monitoring Frequency	Yearly
Reporting Period	18/01/2024 - 17/01/2025
Published Date	12/03/2025

Sampling Date		16/01/2025				16/01/2025				16/01/2025				16/01/2025				
Monitoring Point		H2 North - Heinrichs				W2 East - Wilesmiths				M3 East - Marlow				M4 West - Marlow				
Pollutants	Units	0-10	10-20	20-75cm	Average	0-10	10-20	20-75cm	Average	0-10	10-20	20-75cm	Average	0-10	10-20	20-75cm	Average	Sample Mean
Chloride	mg/kg	10.00	11.00	45.00	35.80	11.00	10.00	31.00	25.53	14.00	18.00	40.00	33.60	20.00	18.00	110.00	85.73	45.17
Elect Conductivity	uS/cm	40.00	70.00	160.00	132.00	70.00	100.00	130.00	118.00	100.00	100.00	300.00	246.67	80.00	100.00	420.00	332.00	207.17
Nitrate	mg/kg	13.00	7.60	5.00	6.41	2.80	2.00	2.10	2.18	8.30	1.50	1.40	2.33	11.00	1.70	1.80	3.01	3.49
pH	1:5 water	6.10	6.50	7.60	7.25	6.60	7.30	8.10	7.79	7.20	8.30	9.20	8.81	7.20	8.10	9.30	8.86	8.18
Total Nitrogen	mg/kg	660.00	500.00	500.00	521.33	550.00	500.00	500.00	506.67	850.00	500.00	500.00	546.67	1100.00	610.00	500.00	594.67	542.33
Total Organic Carbon	mg/kg	13100.00	6100.00	2700.00	4540.00	8500.00	5000.00	4200.00	4880.00	14100.00	3900.00	2400.00	4160.00	16400.00	6000.00	3200.00	5333.33	4728.33
Total Phosphorus	mg/kg	180.00	110.00	54.00	78.27	140.00	83.00	61.00	74.47	310.00	99.00	72.00	107.33	360.00	130.00	78.00	122.53	95.65
Exchangeable Calcium (Amm-acet)	meq/100g	3.60	2.20	1.40	1.80	4.10	3.90	4.30	4.22	8.20	7.20	11.00	10.12	9.10	9.40	13.00	12.00	7.04
Exchangeable Magnesium (Amm-acet.)	meq/100g	1.50	3.40	8.50	6.89	6.00	6.80	9.30	8.53	5.30	9.40	14.00	12.23	5.90	11.00	14.00	12.52	10.04
Exchangeable Sodium (Amm-acet.)	meq/100g	0.25	0.75	2.50	1.97	0.67	1.10	2.10	1.78	0.75	1.80	3.90	3.20	0.79	1.60	4.50	3.62	2.64
Exchangeable Potassium (Amm-acet.)	meq/100g	0.42	0.37	0.69	0.61	0.56	0.51	0.44	0.47	1.10	0.80	0.74	0.80	1.20	0.86	0.66	0.76	0.66
Cation Exchange Capacity	meq/100g	6.03	6.94	13.10	11.34	11.30	12.30	16.30	15.10	15.40	19.20	29.00	25.88	17.00	23.10	32.70	29.33	20.41
Available Phosphorus (Colwell)	mg/kg	20.00	6.80	5.00	7.24	25.00	7.90	5.00	8.05	71.00	7.80	5.00	14.17	92.00	9.70	5.00	17.23	11.67
ESP - Exchangeable Sodium %	%	4.20	11.00	19.00	15.96	5.90	8.70	13.00	11.48	4.90	9.30	13.00	11.43	4.60	7.00	14.00	11.81	12.67
PSC - Phosphorous Sorption Capacity	Buffer Index (PBI)	58.00	64.00	51.00	53.67	72.00	63.00	66.00	66.40	86.00	89.00	82.00	83.47	100.00	100.00	100.00	100.00	75.88