Bartter Enterprises Pty Limited

EPL - 2486

Bartter Processing Plant

Farm 124 Murphy Road, Hanwood NSW 2680

Waste Water treatment Plant

Farm 126 McGann Road & Murrumbidgee Avenue, Hanwood NSW 2680

Yearly Summary Apr-25

Published 15/05/2025

Licence condition M2.2: Soil Monitoring Requirements

Date Sampled	Date Results Received	Monitoring frequency	Pollutant	Units	*EPA identification point*							
					no. 3 BH 1 (0-15cm)	***no. 4 BH 1 (15-100cm)***	***no. 5 BH 2 (0-15cm)***	***no. 6 BH 2 (15-100cm)***	***no. 9 BH 4 (0-15cm)***	***no. 10 BH 4 (15-100cm)***	***no. 11 BH 5 (0-15cm)***	***no. 12 BH 5 (15-100cm)***
4/04/2025	12/05/2025	Yearly	Electrical Conductivity	µs/cm	28	49	207	410	246	300	248	434
4/04/2025	12/05/2025	Yearly	Exchangable Calcium	mmol/kg	14	27	21	30	14	28	6	31
4/04/2025	12/05/2025	Yearly	Exchangable Magnesium	mmol/kg	8.7	15.4	4.6	9.2	4.7	13.5	2.7	16.9
4/04/2025	12/05/2025	Yearly	Exchangable Potassium	mmol/kg	4.1	2.6	4.2	3.3	3.8	2.5	2.5	3.8
4/04/2025	12/05/2025	Yearly	Exchangable Sodium	mmol/kg	3.4	3.4	0.1	3.6	1.6	4.0	0.8	2.8
4/04/2025	12/05/2025	Yearly	Total Nitrogen	mg/kg	318	495	1860	782	3820	1710	1570	527
4/04/2025	12/05/2025	Yearly	pH	pH	7.4	8.9	8.0	8.8	8.3	9.1	6.3	7.9
4/04/2025	12/05/2025	Yearly	Total Phosphorous	mg/kg	1660	1020	1110	252	6010	155	2980	151
4/04/2025	12/05/2025	Yearly	Potassium	mg/kg	3130	11100	5150	7770	8880	7010	8220	8810
4/04/2025	12/05/2025	Yearly	Sodium	mg/kg	3220	1660	866	1480	699	1330	718	1110
4/04/2025	12/05/2025	Yearly	Sodium Absorption Ratio	SAR units	1.0	2.0	<1	3.0	2.0	3.0	1.0	2.0