

**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  
Published

Oct-22  
4/11/2022

**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)
4/10/2022	24/10/2022	Yearly	Electrical Conductivity	µs/cm	1050	190	291	1080	205	430	313	370
4/10/2022	24/10/2022	Yearly	Exchangable Calcium	mmol/kg	290	308	188	228	159	261	134	242
4/10/2022	24/10/2022	Yearly	Exchangable Magnesium	mmol/kg	38.0	102.0	36.5	134.0	53.7	117.0	67.8	111.0
4/10/2022	24/10/2022	Yearly	Exchangable Potassium	mmol/kg	9.8	12.7	20.4	12.8	28.1	17.2	28.6	21.6
4/10/2022	24/10/2022	Yearly	Exchangable Sodium	mmol/kg	14.7	18.2	17.6	49.6	17.8	31.0	10.0	17.4
4/10/2022	24/10/2022	Yearly	Total Nitrogen	mg/kg	924	561	1530	244	748	338	1360	381
4/10/2022	24/10/2022	Yearly	pH	pH	7.3	8.8	9.0	9.0	9.2	9.4	8.4	9.1
4/10/2022	24/10/2022	Yearly	Total Phosphorous	mg/kg	832	161	2130	122	660	92	553	98
4/10/2022	24/10/2022	Yearly	Potassium	mg/kg	3530	11200	5780	7920	8040	6640	7390	9330
4/10/2022	24/10/2022	Yearly	Sodium	mg/kg	2190	1190	878	2110	928	1300	550	1000
4/10/2022	24/10/2022	Yearly	Sodium Absorption Ratio	SAR units	1.0	1.0	2.0	4.0	2.0	2.0	1.0	1.0