

**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-18  
18/12/2018

**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)
23/10/2018	17/12/2018	Yearly	Electrical Conductivity	µs/cm	240	414	315	577	386	287	518	333
23/10/2018	17/12/2018	Yearly	Exchangable Calcium	mmol/kg	398	336	222	315	234	190	280	172
23/10/2018	17/12/2018	Yearly	Exchangable Magnesium	mmol/kg	57.6	64.1	53.2	90.5	54.2	34.9	72.8	70.1
23/10/2018	17/12/2018	Yearly	Exchangable Potassium	mmol/kg	25.6	14.8	63.2	35.3	47.3	20.3	75.4	45.5
23/10/2018	17/12/2018	Yearly	Exchangable Sodium	mmol/kg	20	13.8	16.2	65.2	14.2	13.2	52.2	41.1
23/10/2018	17/12/2018	Yearly	Total Nitrogen	mg/kg	161	346	2270	647	1890	868	1870	853
23/10/2018	17/12/2018	Yearly	pH	pH	8.2	8.3	8.2	8.6	8	8.2	8.2	8.4
23/10/2018	17/12/2018	Yearly	Total Phosphorous	mg/kg	320	890	1760	376	1770	463	1660	404
23/10/2018	17/12/2018	Yearly	Potassium	mg/kg	1120	1750	4620	3750	5380	2560	3910	3880
23/10/2018	17/12/2018	Yearly	Sodium	mg/kg	606	1280	332	889	564	399	642	517
23/10/2018	17/12/2018	Yearly	Sodium Absorption Ratio	SAR units	1	1	1	5	1	1	4	4