

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-19
9/10/2019

Licence condition M2.2: Soil Monitoring Requirements

Date Sampled	Laboratory Report Date	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)
3/09/2019	1/10/2019	Annual	Electrical Conductivity	µs/cm	400	320	330	550	550	230	400	370
3/09/2019	1/10/2019	Annual	Exchangable Calcium	mmol/kg	270	250	160	240	200	110	240	230
3/09/2019	1/10/2019	Annual	Exchangable Magnesium	mmol/kg	10	17	38	62	49	50	50	57
3/09/2019	1/10/2019	Annual	Exchangable Potassium	mmol/kg	13	9.8	29	19	41	26	42	23
3/09/2019	1/10/2019	Annual	Exchangable Sodium	mmol/kg	1.8	3.5	20	32	13	19	24	23
3/09/2019	1/10/2019	Annual	Total Nitrogen	mg/kg	1080	740	1760	1200	2120	760	1530	960
3/09/2019	1/10/2019	Annual	pH	pH	8.5	8.6	8.7	8.7	7.8	9.0	8.3	8.6
3/09/2019	1/10/2019	Annual	Total Phosphorous	mg/kg	235	219	750	596	2990	349	1940	378
3/09/2019	1/10/2019	Annual	Potassium	mg/kg	2010	2770	4570	6610	7570	7330	8800	7210
3/09/2019	1/10/2019	Annual	Sodium	mg/kg	302	318	440	1040	604	620	839	777
3/09/2019	1/10/2019	Annual	Sodium Absorption Ratio (SAR)	SAR units	0.15	0.3	1.97	2.59	1.17	2.12	2.04	1.87