

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 Oct-17
Published 18/10/2017

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)
12/09/2017	12/10/2017	Yearly	Electrical Conductivity	µs/cm	303	652	221	490	310	278	279	318
12/09/2017	12/10/2017	Yearly	Exchangable Calcium	mmol/kg	237	254	151	272	244	193	204	273
12/09/2017	12/10/2017	Yearly	Exchangable Magnesium	mmol/kg	48	69.3	38.6	97	62.6	57.5	44.4	99.2
12/09/2017	12/10/2017	Yearly	Exchangable Potassium	mmol/kg	11.8	11.5	26.1	25	40.4	27.8	31.5	18.2
12/09/2017	12/10/2017	Yearly	Exchangable Sodium	mmol/kg	10	16	15	45.9	20.7	20.7	16.2	26.9
12/09/2017	12/10/2017	Yearly	Total Nitrogen	mg/kg	429	441	1310	620	1580	1120	958	341
12/09/2017	12/10/2017	Yearly	pH	pH	7.7	7.6	8.2	8.7	8.3	8.6	8.3	8.7
12/09/2017	12/10/2017	Yearly	Total Phosphorous	mg/kg	2270	949	1350	431	1890	960	835	118
12/09/2017	12/10/2017	Yearly	Potassium	mg/kg	2460	2260	3180	4350	6080	4550	4630	5060
12/09/2017	12/10/2017	Yearly	Sodium	mg/kg	3080	1250	342	1010	568	500	421	662
12/09/2017	12/10/2017	Yearly	Sodium Absorption Ratio	SAR units	1	1	2	3	2	2	1	2