

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 October, 2014
Published 20/10/2015

Licence condition M2.2: Soil Monitoring Requirements

Date Sampled	Date Results Received	Monitoring frequency	Pollutant	Units	EPA identification point							
					no. 4 BH 2 (0- 15cm)	no. 5 BH 2 (15- 100cm)	no. 6 BH 3 (0- 15cm)	no. 7 BH 3 (15- 100cm)	no. 8 BH 4 (0- 15cm)	no. 9 BH 4 (15- 100cm)	no. 10 BH 5 (0- 15cm)	no. 11 BH 5 (15- 100cm)
16/09/2015	15/10/2015	Yearly	Electrical Conductivity	µs/cm	252	578	301	417	336	514	291	393
16/09/2015	15/10/2015	Yearly	Exchangable Calcium	mmol/kg	192	256	59.5	248	245	280	246	279
16/09/2015	15/10/2015	Yearly	Exchangable Magnesium	mmol/kg	44.9	93.8	27.3	90.5	62.5	103	50.4	118
16/09/2015	15/10/2015	Yearly	Exchangable Potassium	mmol/kg	36.6	17.8	24.5	19.9	40.4	32.2	37.8	18.4
16/09/2015	15/10/2015	Yearly	Exchangable Sodium	mmol/kg	17.4	37.4	23.8	36.6	31.9	38.7	23.9	30
16/09/2015	15/10/2015	Yearly	Total Nitrogen	mg/kg	340	1810	1240	257	1960	439	1250	172
16/09/2015	15/10/2015	Yearly	pH	pH	8.5	8.7	7.4	8.9	8.8	9	8.3	8.8
16/09/2015	15/10/2015	Yearly	Total Phosphorous	mg/kg	1300	118	388	16	2140	101	759	51
16/09/2015	15/10/2015	Yearly	Potassium	mg/kg	1920	1230	1400	1470	2610	2740	2230	1530
16/09/2015	15/10/2015	Yearly	Sodium	mg/kg	464	924	642	845	766	883	533	727
16/09/2015	15/10/2015	Yearly	Sodium Absorption Ratio	SAR units	2	3	4	3	3	3	2	2