

Sampling Point No:	340282	Location:	ELAN WTW SLUDGE TANKERING POINT
Date Sampled:	15/07/2024	Time Taken:	13:39
Laboratory:	ALS	Sample ID:	8033562
No. of Results:	20		
Sampling Reason:	WTW Sludge - Product Monitoring (SW_ME)		
Type:	WTW Sludge (SW)		

Sample Results

Code		Result	Units	Qualifier	Lower Limit
238	Magnesium	691	mg/kg		
288	Aluminium	1840	mg/kg		
357	Arsenic	40.1	mg/kg		
4620	pH	7.6	pH		
7774	Mercury	1.58	mg/kg	<	
8241	Volatile solids	33.5	%		
9233	Ammoniacal nitrogen	242	mg/kg	<	
9234	Sulphur	1880	mg/kg		
9271	Cadmium	0.11	mg/kg	<	
9272	Chromium	17.6	mg/kg		
9273	Copper	11.1	mg/kg		
9275	Nickel	21.9	mg/kg		
9276	Lead	6.2	mg/kg	<	
9277	Zinc	92.1	mg/kg		
9278	Iron	363000	mg/kg		
9281	% Dry solids	2.53	%		
9282	% Minerals	66.5	%		
9283	% K (dry weight)	0.00995	mg/kg		
9284	% P (dry weight)	0.0442	%		
9285	% N (dry weight)	0.72	%		

Comments:

Signed:

Approved by:

Position:

Upper Limit

Sampling Point No:	363244	Location:	TALYBONT WTW SLUDGE TANKERING POINT
Date Sampled:	05/08/2024	Time Taken:	10:57
Laboratory:	ALS	Sample ID:	8056967
No. of Results:	20		
Sampling Reason:	WTW Sludge - Product Monitoring (SW_ME)		
Type:	WTW Sludge (SW)		

Sample Results

Code		Result	Units	Qualifier	Lower Limit
238	Magnesium	557	mg/kg		
288	Aluminium	199000	mg/kg		
357	Arsenic	17.9	mg/kg		
4620	pH	6.6	pH		
7774	Mercury	1.34	mg/kg	<	
8241	Volatile solids	37.4	%		
9233	Ammoniacal nitrogen	224	mg/kg		
9234	Sulphur	15300	mg/kg		
9271	Cadmium	0.48	mg/kg		
9272	Chromium	4.3	mg/kg	<	
9273	Copper	46	mg/kg		
9275	Nickel	3.86	mg/kg	<	
9276	Lead	6.2	mg/kg	<	
9277	Zinc	161	mg/kg		
9278	Iron	5400	mg/kg		
9281	% Dry solids	2.99	%		
9282	% Minerals	62.6	%		
9283	% K (dry weight)	0.0296	mg/kg		
9284	% P (dry weight)	0.362	%		
9285	% N (dry weight)	1.28	%		

Comments:

Signed:

Approved by:

Position:

Upper Limit

ANALYTICAL REPORT									
Report Number	84235-25	V537	JOLYON PRIDDING	Client	COURT FARM				
Date Received	17-MAR-2025		4RECYCLING LTD						
Date Reported	31-MAR-2025		CONTROL HOUSE						
Project	WASTE		A1 BUSINESS PARK						
Reference	COURT FARM		KNOTTINGLEY ROAD						
Order Number			KNOTTINGLEY WF11 0BU						
Laboratory Reference			MANU170886						
Sample Reference			COURT FARM						
Determinand	Unit								
Oven Dry Matter	%		20.2						
Conductivity 1:6 [Fresh]	uS/cm		211						
Total Nitrogen	% w/w		0.59						
Ammonium Nitrogen	mg/kg		28.5						
Total Phosphorus (P)	mg/kg		1436						
Total Potassium (K)	mg/kg		637						
Total Magnesium (Mg)	mg/kg		1483						
Total Copper (Cu)	mg/kg		21.2						
Total Zinc (Zn)	mg/kg		50.2						
Total Sulphur (S)	mg/kg		1119						
Total Calcium (Ca)	mg/kg		14527						
Total Iron (Fe)	mg/kg		413246						
Total Molybdenum (Mo)	mg/kg		2.77						
Total Lead (Pb)	mg/kg		7.90						
Total Cadmium (Cd)	mg/kg		0.38						
Total Mercury (Hg)	mg/kg		<0.1						
Total Nickel (Ni)	mg/kg		25.2						
Total Chromium (Cr)	mg/kg		30.3						
Total Sodium (Na)	mg/kg		139						
pH 1:6 [Fresh]			7.08						
Organic Matter LOI	% w/w		14.5						
Lime Equivalent as CaCO3	% w/w		6.8						
Total Aluminium	mg/kg		4810						
Fluoride [100:1 H2SO4 Soluble]	mg/kg		10.5						
Total Arsenic (As)	mg/kg		14.7						

ANALYTICAL REPORT									
Report Number	84235-25	V537	JOLYON PRIDDING 4RECYCLING LTD CONTROL HOUSE A1 BUSINESS PARK KNOTTINGLEY ROAD KNOTTINGLEY WF11 0BU	Client COURT FARM					
Date Received	17-MAR-2025								
Date Reported	31-MAR-2025								
Project	WASTE								
Reference	COURT FARM								
Order Number									
Laboratory Reference			MANU170886						
Sample Reference			COURT FARM						
Determinand	Unit		DIGESTATE						
Total Selenium (Se)	mg/kg		1.80						
Neutralising Value as CaO [TNV]	% w/w		3.8						
Notes									
<p>The sample submitted was of adequate size to complete all analysis requested.</p> <p>The results as reported relate only to the item(s) submitted for testing.</p> <p>The results are presented on a dry matter basis unless otherwise stipulated.</p> <p>This test report shall not be reproduced, except in full, without the written approval of the laboratory.</p>									
<p>Reported by</p> <p>Teresa Clyne</p> <p>Natural Resource Management, a trading division of Cawood Scientific Ltd.</p> <p>Coopers Bridge, Braziers Lane, Bracknell, Berkshire, RG42 6NS</p> <p>Tel: 01344 886338</p> <p>Fax: 01344 890972</p> <p>email: enquiries@nrm.uk.com</p>									