



RICHARD EVANS  
4 RECYCLING LTD  
CONTROL HOUSE  
A1 BUSINESS PARK  
KNOTTINGLEY ROAD  
KNOTTINGLEY WF11 0BU

V724

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NEWENT

SLUDGE

## SLUDGE ANALYSIS RESULTS

Sample Reference :

PONSTICILL LIQUID

Sample Matrix : SLUDGE

### Laboratory References

Report Number	58301
Sample Number	110203

Date Received	05-JUL-2021
Date Reported	13-JUL-2021

The sample submitted was of adequate size to complete all analysis requested.

The sample will be kept under refrigeration for at least 3 weeks.

### ANALYTICAL RESULTS *on 'as received' basis.*

Determinand	Value	Units
Oven Dry Solids	1.07	%
Conductivity 1:6	52.0	uS/cm
Total Kjeldahl Nitrogen	0.02	% w/w
Ammonium Nitrogen	<25	mg/kg
Total Phosphorus (P)	11.5	mg/kg
Total Potassium (K)	24.7	mg/kg
Total Magnesium (Mg)	10.2	mg/kg
Total Copper (Cu)	0.42	mg/kg
Total Zinc (Zn)	1.10	mg/kg
Total Sulphur (S)	92.0	mg/kg

Released by *Nina Mansfield*

Date *13/07/21*

NRM Coopers Bridge, Braziers Lane, Bracknell, Berkshire RG42 6NS  
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Determinand	Value	Units
Total Calcium (Ca)	43.6	mg/kg
Total Iron (Fe)	84.5	mg/kg
Total Molybdenum (Mo)	<0.05	mg/kg
Total Lead (Pb)	<0.5	mg/kg
Total Cadmium (Cd)	0.01	mg/kg
Total Mercury (Hg)	<0.05	mg/kg
Total Nickel (Ni)	0.22	mg/kg
Total Chromium (Cr)	0.31	mg/kg
Total Sodium (Na)	<10	mg/kg
pH 1:6 [Fresh]	6.48	

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### ANALYTICAL RESULTS *on 'as received' basis.*

Determinand	Value	Units
Organic Matter LOI	0.62	% w/w
Lime Equivalent as CaCO <sub>3</sub>	<2	% w/w
Total Aluminium	1852	mg/kg
Fluoride [100:1 H <sub>2</sub> SO <sub>4</sub> Soluble]	<10	mg/kg
Total Arsenic (As)	0.68	mg/kg
Total Selenium (Se)	0.05	mg/kg
Neutralising Value as CaO [TNV]	<1	% w/w

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