



SLUDGE ANALYSIS RESULTS

SITESERV RECYCLING LTD
SOUTHERN REGIONAL OFFICE
TRIPLE CROWN HOUSE
OFF LLANTWIT MAJOR ROAD
LLANDOW
CF71 7PB

H159

Please quote above code for all enquiries

WEPA

SLUDGE ANALYSIS

Sample Reference : SLUDGE Q2 2020 BM

Sample Matrix : SLUDGE

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

The sample will be kept as the dry ground sample for at least 4 months.

Laboratory References

Report Number 10667
Sample Number 112238

Date Received 08-JUN-2020

Date Reported 16-JUN-2020

ANALYTICAL RESULTS *on 'dry matter' basis.*

Determinand	Units	Value	Amount per fresh tonne	Amount when applied at 65 Te/Ha
OVEN DRY MATTER	%	55.2	552.0 kg DM	
pH		5.52		
CONDUCTIVITY 1:6	uS/cm	203		
TOTAL NITROGEN	mg/kg	6220	3.43 kg N	223.2 kg N/ha
TOTAL CARBON	mg/kg	423600	233.83 kg C	15198.8 kg C/ha
C:N RATIO		68:1		
TOTAL SULPHUR	mg/kg	1434	0.79 kg S	51.5 kg S/ha
TOTAL PHOSPHORUS	mg/kg	717	0.91 kg P ₂ O ₅	58.9 kg P ₂ O ₅ /ha
TOTAL POTASSIUM	mg/kg	770	0.51 kg K ₂ O	33.2 kg K ₂ O/ha
TOTAL MAGNESIUM	mg/kg	395	0.36 kg MgO	23.5 kg MgO/ha
TOTAL COPPER	mg/kg	29.6	0.02 kg Cu	1.1 kg Cu/ha
TOTAL ZINC	mg/kg	59.6	0.03 kg Zn	2.1 kg Zn/ha
TOTAL CADMIUM	mg/kg	<0.1	< 0.01 kg Cd	< 0.1 kg Cd/ha
TOTAL NICKEL	mg/kg	3.73	< 0.01 kg Ni	< 0.1 kg Ni/ha
TOTAL CHROMIUM	mg/kg	18.5	0.01 kg Cr	0.7 kg Cr/ha
TOTAL LEAD	mg/kg	3.05	< 0.01 kg Pb	0.1 kg Pb/ha
TOTAL MERCURY	mg/kg	<0.1	<0.1 kg Hg	<0.1 kg Hg/ha
NEUTRALISING CAPACITY as CaCO ₃	<2 mg/kg	< 0.01 kg CaCO ₃	< 0.1 kg CaCO ₃ /ha	
NEUTRALISING CAPACITY as CaO	<1 mg/kg	< 0.01 kg CaO	< 0.1 kg CaO/ha	

The nutrients in sludge are only partially available for plant growth and may or may not be useful. This depends on the time of application.

Released by

Myles Nicholson

Date

16/06/20

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ANALYTICAL RESULTS *on 'dry matter' basis.*

Determinand	Units	Value
Total Sodium (Na)	mg/kg	538

Released by

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Date

16/06/20

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