



WEPA UK Ltd · 4 Bridgend Paper Mill · Llangynwyd · Bridgend · Mid Glamorgan · South Wales · CF34 9RS

WEPA UK Ltd

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Bridgend,
Mid Glamorgan,
South Wales,
CF34 9RS

18th January 2022

Dear Mr Leakey

Ref: Sludge Analysis (Table S4.1 EPR Permit No. EP3738NG)

Please find enclosed the annual summary of sludge analysis for 2021 in line with condition 4.2.3 of EPR Permit No. EP3738NG.

Summary of Sludge Analysis 2021

Determinand	Units	January 2021	November 2021
Dry Matter	%	18.8	47.9
Conductivity 1:6	uS/cm	87	225
Total Nitrogen	% w/w	0.66	0.71
Total Carbon	% w/w	40.3	43.3
C:N Ratio		61:1	62:1
Total Phosphorus (P)	mg/kg	500	707
Total Potassium (K)	mg/kg	940	260
Total Magnesium (Mg)	mg/kg	1117	427
Total Copper (Cu)	mg/kg	23.9	21.5
Total Zinc (Zn)	mg/kg	118	91.9
Total Sulphur (S)	mg/kg	1500	1414
Total Lead (Pb)	mg/kg	13.8	7.27
Total Cadmium (Cd)	mg/kg	0.17	0.11
Total Mercury (Hg)	mg/kg	<0.1	<0.1
Total Nickel (Ni)	mg/kg	11.2	7.76
Total Chromium (Cr)	mg/kg	23.4	33.0
pH		6.16	5.52
Lime Equivalent as CaCO ₃	% w/w	<2	<2
Neutralising Value as CaO equiva	% w/w	<1	<1

I trust the information and data provided meets with your requirements.

Yours sincerely,

Richard Lewis
Energy & Environment Manager