

Permit Number : BT4885IT

Operator : UPM-Kymmene UK Ltd

Facility : Shotton Paper Mill

Form Number : Residue 1

Reporting of residue quality for the period from1st October 2017.....to30th December 2017

Ash Composition (TOC/LOI)		
	LOI (%)	% Carbon (TOC) ^{w/w}
Bottom Ash	<1.0	*

- At least one of LOI or TOC to be reported.

Ash Composition (Metals, Dioxins, etc.)																
	Cd mg/kg	Ti mg/kg	Hg mg/kg	Pb mg/kg	Cr mg/kg	Cu mg/kg	Mn mg/kg	Ni mg/kg	As mg/kg	Co mg/kg	V mg/kg	Zn Mg/kg	DIOXIN I-TEQ ng/kg	DIOXIN		
														WHO-TEQ ng/kg		
														Humans mammals	Birds	Fish
Bottom Ash	<0.1	<1	<0.1	247	248	554	528	23.7	42.9	7.8	19	760	0.753	0.752	1.61	0.772
APC Residues	3.9	<1	0.2	827	125	553	762	36	64.2	12.1	26	1612	21	20.1	57.7	21.6

Signed Date.....
(authorised to sign as representative of UPM-Kymmene UK Ltd)