

Permit Number : BT4885IT

Operator : UPM-Kymmene UK Ltd

Facility : Shotton Paper Mill

Form Number : Residue 1

Reporting of residue quality for the period from 1st July 2018.....to 30th September 2018

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/k g	DIOXIN I-TEQ ng/kg	DIOXIN		
														WHO-TEQ ng/kg		
														Humans mammals	Birds	Fish
Bottom Ash	<0.1	<1	<0.1	83	240.7	683	431	17.2	27.9	6.2	18	2802	0.87	1.030	1.310	1.090
APC Residues	3.7	1	<0.1	766	129.5	521	656	33.3	89.2	10.9	29	1954	16	15.5	41.9	16.2



Signed

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

Date.....
25/10/18