

Permit Number : BT4885IT

Operator : UPM-Kymmene UK Ltd

Facility : Shotton Paper Mill

Form Number : Residue 1

Reporting of residue quality for the period from1st January 2017.....to31st March 2017

Ash Composition (TOC/LOI)		
	LOI (%)	% Carbon (TOC) ^{w/w}
Bottom Ash	<0.1	*

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

Ash Composition (Metals, Dioxins, etc.)																
	Cd mg/kg	Tl 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		
														Humans mammals	Birds	Fish
Bottom Ash	<0.1	<1	<0.1	326	170	645	482	21.2	30.7	7.2	20	973	0.72	0.843	1.06	0.885
APC Residues	6	<1	0.2	1103	148.9	590	827	47.6	79.8	16.1	33	2196	68.4	65.5	192	66.9

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