

Permit Number : BT4885IT

Facility : Shotton Paper Mill

Operator : UPM-Kymmene UK Ltd

Form Number : Residue 1

Reporting of residue quality for the period from1st October 2016.....to31st December 2016

Ash Composition (TOC/LOI)		
	LOI (%)	% Carbon (TOC) ^{w/w}
Bottom Ash	0.2	*

- 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	0.1	0.1	165.6	105.9	403.7	463.2	15.8	39.9	4.9	19.9	388.9	0.00	0.00	0.00	
APC Residues	1	0.03	1	249	27	140	178	11	16	3	5	457	1	1.1	1	2.9

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


