

Permit Number : BT4885IT

Facility : Shotton Paper Mill

Operator : UPM-Kymmene UK Ltd

Form Number : Residue 1

Reporting of residue quality for the period from1st July 2015.....to30th September 2015.....

Ash Composition (TOC/LOI)		
	LOI (%)	% Carbon (TOC) ^{w/w}
Bottom Ash	0.18	*

- 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 mamma	Birds	Fish
Bottom Ash	0.16	0.1	0.1	61.7	123.9	506.2	451.2	18.4	34.5	6.1	23.8	686.5	0.584	0.576	0.402	0.402
APC Residues	0.57	0.1	0.1	168.7	62.9	269.2	427.2	48	16.7	8.8	25.1	328.3	0.536	0.338	0.857	0.4321

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