

Permit Number : BT48851T

Facility : Shotton Paper Mill

Operator : UPM-Kymmene UK Ltd

Form Number : Residue 1

Reporting of residue quality for the period from1st January 2015.....to31st March 2015.....

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 mamma	Birds	Fish
Bottom Ash	0.1	0.1	0.1	665.8	73.4	7460	366.7	18.6	26.7	4.6	16.4	1678	0	0	0	0
APC Residues	2.25	0.1	0.25	614	84	417.5	501.6	51	31.9	9.5	25.7	1334	8.9	8.9	9.6	29

Signed

Date 15/5/15
(authorised to sign as representative of UPM-Kymmene UK Ltd)