

Permit Number : BT4885IT

Facility : Shotton Paper Mill

Operator : UPM-Kymmene UK Ltd

Form Number : Residue 1

Reporting of residue quality for the period from 01/07/2019 to 01/10/19

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		
													WHO-TEQ ng/kg		
													Humans/ mammals	Birds	Fish
Bottom Ash	0.66	<0.1	<0.5	59.9	91.2	423	289	9.71	38.1	3.13	13.4	409	0.617	0.723	0.555
APC Residues	4.43	0.2	0.58	839	90	583	465	20.7	90.9	5.8	19.0	1230	39.7	124	43.6

Signed Date: 28/11/19
(authorised to sign as representative of UPM-Kymmene UK Ltd)