

Permit Number : BT4885IT

Operator : UPM-Kymmene UK Ltd

Facility : Shotton Paper Mill

Form Number : Residue 1

Reporting of residue quality for the period from1st April 2016.....to30th June 2016

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	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 mamma	Birds	Fish
Bottom Ash	<1	3	<1	192	68	705	305	9	23	4	16	928	0.07 2	0.164	0.037 7		
APC Residues	<1	<3	<1	417	52	330	382	17	36	6	12	539	30.5	76.2	17.9		

Signed Date 1/8/16
(authorised to sign as representative of UPM-Kymmene UK Ltd)