

Permit Number : BT4885IT

Facility : Shotton Paper Mill

Operator : UPM-Kymmene UK Ltd

Form Number : Residue 1

Reporting of residue quality for the period from 01/04/2019.....to 01/07/2019.....

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	Tl 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	DIOXI N I-TEQ ng/kg	DIOXIN WHO-TEQ ng/kg
Bottom Ash	<0.2	<0.1	<0.5	36.3	89.1	1110	391	13.4	32.5	4.3	20	570.6	7.7	8.7
APC Residues	4.15	<0.1	<0.5	1230	130.9	572	820	33.3	76.1	7.8	25.7	1990	34	37
														Humans
														Birds
														Fish

Signed Date..... 3/8/19
(authorised to sign as representative of UPM-Kymmene UK Ltd)