

Permit Number : BT4885IT

Facility : Shotton Paper Mill

Operator : UPM-Kymmene UK Ltd

Form Number : Residue 1

Reporting of residue quality for the period from1st April 2015.....to30th June 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	0.19	0.1	0.1	369	90.8	657.3	386	17.6	32.9	4.5	15.6	753.7	0.81 / 0.46	0.88 / 0.60	1.89 / 0.51	1.01 / 0.68
APC Residues	4.44	0.4	0.6	1121	133.7	463.9	841	51.5	66	12	31.8	2099	38.6 / 37.7	38.6 / 37.7	102.2 / 101.3	39.6 / 38.7

Signed Date: 11/8/15
(authorised to sign as representative of UPM-Kymmene UK Ltd)