

Permit Number: **EPR/DP3137EG**

Operator: **Margam Green Energy Limited**

Facility: **Margam Green Energy Plant**

Form Number: **Residues 1**

Date : **20/01/2020**

Reporting of residue quality for the period from:

01/12/2020 to 31/12/2020

Residue Composition (TOC, Metals, Dioxins, etc.)																					
	TOC ( <b>&lt;3%</b> )	Sb mg/kg	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	DIOXIN /FURAN I-TEQ ng/kg	DIOXIN / FURAN			DIOXIN-LIKE PCBS		
																WHO-TEQ ng/kg			WHO-TEQ ng/kg		
																Humans/ mammals	Birds	Fish	Humans/ mammals	Birds	Fish
Bottom Ash (including boiler ash)	2.6	12.1	0.7	<0.09	<0.43	414.8	133.7	1184.9	580.2	40.4	40.6	11.0	16.0	1,492.3							
APC residues	N/A	346	44.5	1.2	4.3	8629	121	1148	784	27.4	887	9.7	16.8	20,290		1078	2725	1168	1078	2725	1168

Reporting of Ash Solubility for the period from:

01/12/2020 to 31/12/2020

Ash solubility (Metals)													
	Sb mg/kg	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
Bottom ash (including boiler ash)	12.1	0.7	<0.09	<0.43	414.8	133.7	1184.9	580.2	40.4	40.6	11.0	16.0	1,492.3
APC residues	346	44.5	1.2	4.3	8629	121	1148	784	27.4	887	9.7	16.8	20,290

Signed .....Paul Fitzsimmons.....  
 (Authorised to sign as representative of **Margam Green Energy Limited**)

Date.....26/01/21.....