

Permit Number: **EPR/DP3137EG**

Operator: **Margam Green Energy Limited**

Facility: **Margam Green Energy Plant**

Form Number: **Residues 1**

Date : **25/09/2020**

Reporting of residue quality for the period from:

01/08/2020 to 31/08/2020

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 /FURA N 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)	3	19.46	1.67	<0.09	<0.44	673.9	250.1	2655.7	1,000.6	75.9	103.8	12.4	18.2	2740.8							
APC residues	N/A	405	61.8	1.1	3.3	9560	139	1,571	708	22.8	1,416	5.2	<10	25556		8,246	13,930	8,520	8,246	13,930	8,520

Reporting of Ash Solubility for the period from:

01/08/2020 to 31/08/2020

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)	19.46	1.67	<0.09	<0.44	673.9	250.1	2655.7	1,000.6	75.9	103.8	12.4	18.2	2740.8
APC residues	405	61.8	1.1	3.3	9,560	139	1,571	708	22.8	1,416	5.2	<10	25556

Signed .....Mark Bull..... Date.....28/09/2020.....  
(Authorised to sign as representative of **Margam Green Energy Limited**)