

Permit Number: **EPR/DP3137EG**

Operator: **Margam Green Energy Limited**

Facility: **Margam Green Energy Plant**

Form Number: **Residues 1**

Date : **27/08/2020**

Reporting of residue quality for the period from:

01/07/2020 to 31/07/2020

Residue Composition (TOC, Metals, Dioxins, etc.)																					
	TOC (<3%)	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)	4.5	26.33	3.47	<0.08	<0.4	960.2	241.6	1,994.92	1,040.77	53.16	142.29	11.73	18.9	2977.5							
APC residues	N/A	328	48.9	0.9	2.9	9126	159	1,283	790	39.2	1,227	8.1	13.8	23756		1,229	3,669	1,282	1,229	3,669	1,282

**Reporting of Ash Solubility for the period from:**

01/07/2020 to 31/07/2020

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)	26.33	3.47	<0.08	<0.4	960.16	241.6	1,994.9	1,040.77	53.16	142.29	11.73	18.91	2977.45
APC residues	328	48.9	0.9	2.9	9,126	159	1,283	790	39.2	1,227	8.1	13.8	23756

Signed .....Mark Bull..... Date.....27/08/2020.....  
 (Authorised to sign as representative of **Margam Green Energy Limited**)