

Permit Number: **EPR/DP3137EG**

Operator: **Margam Green Energy Limited**

Facility: **Margam Green Energy Plant**

Form Number: **Residues 1**

Date : **30/07/2021**

Reporting of residue quality for the period from:

01/06/2021 to 30/06/2021

Residue Composition (TOC, Metals, Dioxins, etc.)																					
	TO C (<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	DIOX IN /FUR AN I- TEQ ng/k g	DIOXIN / FURAN			DIOXIN- LIKE PCBS		
																WHO-TEQ ng/kg			WHO- TEQ ng/kg		
																Humans / mammals	Birds	Fish	Humans / mammals	Birds	Fish
Bottom Ash (includi ng boiler ash)	2.6	16.7	0.45	<0.08	<0.4	864	221	2262	792	67	52.2	9.8	11.9	2523							
APC residue s	N/A	390	49.9	1.5	3.9	8847	169	1754	794	48.9	1221	9.8	12.7	32730		4536	9465	4749	4536	9465	4749

Reporting of Ash Solubility for the period from:

01/06/2021 to 30/06/2021

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)	16.7	0.45	<0.08	<0.4	864	221	2262	792	67	52.2	9.8	11.9	2523
APC residues	390	49.9	1.5	3.9	8847	169	1754	794	48.9	1221	9.8	12.7	32730

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

Date...21/07/2021.....