

Permit Number: **EPR/DP3137EG**

Operator: **Margam Green Energy Limited**

Facility: **Margam Green Energy Plant**

Form Number: **Residues 1**

Date : **29/10/2021**

Reporting of residue quality for the period from:

01/07/2021 to 30/09/2021

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)	0.5	18.7	1.24	<0.08	<0.39	904	251.6	2377	1001	63.9	65.83	11.9	18.4	3591							
APC residue s	N/A	349	61.9	1.2	3.5	9473	160	1829	969	44	1052	9.7	18.8	33046		5,169	11,396	5,564	5,169	11,396	5,564

Reporting of Ash Solubility for the period from:

01/07/2021 to 30/09/2021

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)	18.7	1.24	<0.08	<0.39	904	251.6	2377	1001	63.9	65.83	11.9	18.4	3591
APC residues	349	61.9	1.2	3.5	9473	160	1829	969	44	1052	9.7	18.8	33046

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

Date...29/10/2021.....