

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:

01/05/2021 to 31/05/2021

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)	1.2	9.6	0.36	<0.07	<0.34	324	155	1698	575	37.6	31.6	13.2	12.0	1731							
APC residue s	N/A	378	49.1	1.3	3.7	7514	168	1479	903	41.9	1099	9.5	15	2858 0		4519	9198	4792	4519	9198	4792

Reporting of Ash Solubility for the period from:

01/05/2021 to 31/05/2021

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)	9.6	0.36	<0.07	<0.34	324	155	1698	575	37.6	31.6	13.2	12.0	1731
APC residues	378	49.1	1.3	3.7	7514	168	1479	903	41.9	1099	9.5	15	28580

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

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