

Permit Number: **EPR/DP3137EG**

Operator: **Margam Green Energy Limited**

Facility: **Margam Green Energy Plant**

Form Number: **Residues 1**

Date : **27/04/20208,**

Reporting of residue quality for the period from:

01/03/2020 to 31/03/2020

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 /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)	1.6	28.0	1.52	<0.09	<0.45	685	206.6	2,241	1,049	73.9	91.99	14.8	20.7	3,119							
APC residues	N/A	367	47.6	1.20	13.2	8,947	136	1,054	977	34.5	748	10.3	17.3	18,740		692.1	1954.4	734.7	692.1	1954.4	734.7

Reporting of Ash Solubility for the period from:

01/03/2020 to 31/03/2020

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)	28.0	1.52	<0.09	<0.45	685	206.6	2,241	1,049	73.9	91.99	14.8	20.7	3,119
APC residues	367	47.6	1.20	13.2	8,947	136	1,054	977	34.5	748	10.3	17.3	18,740

SignedJohn Williams..... Date.....27/03/2020.....
(Authorised to sign as representative of **Margam Green Energy Limited**)