

Permit Number: **EPR/DP3137EG**

Operator: **Margam Green Energy Limited**

Facility: **Margam Green Energy Plant**

Form Number: **Residues 1**

Date : **27/05/2020**

Reporting of residue quality for the period from:

01/04/2020 to 31/04/2020

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)	0.8	24.6	2.06	<0.09	<0.45	734	204.4	1,952	961	51.4	85.41	12.6	26.4	3,523							
APC residues	N/A	321	29.8	1.50	5.40	4,342	122	911	717	24.5	1,072	6.80	12.0	20,060		1302.4	2691.3	1381.4	1302.4	2691.3	1381.4

Reporting of Ash Solubility for the period from:

01/04/2020 to 31/04/2020

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)	24.6	2.06	<0.09	<0.45	734	204.4	1,952	961	51.4	85.41	12.6	26.4	3,523
APC residues	321	29.8	1.50	5.40	4,342	122	911	717	24.5	1,072	6.80	12.0	20,060

SignedJohn Williams..... Date.....27/05/2020.....
 (Authorised to sign as representative of **Margam Green Energy Limited**)