

Permit Number: **EPR/DP3137EG**

Operator: **Margam Green Energy Limited**

Facility: **Margam Green Energy Plant**

Form Number: **Residues 1**

Date : **27/07/2020**

Reporting of residue quality for the period from:

01/06/2020 to 30/06/2020

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)	2.4	58.5	12.5	<0.09	<0.44	3,048	243.4	1,746	1,020	59.6	242	12.9	19.5	5,262							
APC residues	N/A	327	49.6	0.70	3.50	8,247	177	1,492	914	38.9	1,195	8.70	14.1	21,135		3,891.1	7,804	4,062.4	3,891.1	7,804	4,062.4

Reporting of Ash Solubility for the period from:

01/06/2020 to 30/06/2020

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)	58.5	12.5	<0.09	<0.44	3,048	243.4	1,746	1,020	59.6	242	12.9	19.5	5,262
APC residues	327	49.6	0.70	3.50	8,247	177	1,492	914	38.9	1,195	8.70	14.1	21,135

Signed .....Mark Bull..... Date.....28/07/2020.....  
 (Authorised to sign as representative of **Margam Green Energy Limited**)