

Permit Number: **EPR/DP3137EG**

Operator: **Margam Green Energy Limited**

Facility: **Margam Green Energy Plant**

Form Number: **Residues 1**

Date : **10/08/2023**

Reporting of residue quality for the period from:

01/04/2023 to 30/06/2023

Residue Composition (TOC, Metals, Dioxins, etc.)																					
Using data from BWV IBA and APCR Permit Totals for 28/06/23 and 05/07/23 respectively	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 WHO-TEQ ng/kg			DIOXIN-LIKE PCBS WHO-TEQ ng/kg		
																Humans / mammals	Birds	Fish	Humans / mammals	Birds	Fish
Bottom Ash (including boiler ash)	0.5	7.6	0.51	<0.09	<0.45	399	13.9	1986.32	731.79	45.8	23.75	13.85	14.4	3181.97	2.04	2.30	3.97	2.61	0.10	0.25	0.005
APC residues		344	56.3	1.7	5.1	9648	203	2128	976	39.2	979	10.7	18.2	7603	4985.85	5163.39	10476.59	5652.79	103.53	174.41	4.81

Signed: Paul Fitzsimmons
 (Authorised to sign as representative of **Margam Green Energy Limited**)

Date: 10/08/2023