

Permit Number: **EPR/DP3137EG**

Operator: **Margam Green Energy Limited**

Facility: **Margam Green Energy Plant**

Form Number: **Residues 1**

Date : **25/10/2022**

Reporting of residue quality for the period from:

01/07/2022 to 30/09/2022

| Residue Composition (TOC, Metals, Dioxins, etc.) | | | | | | | | | | | | | | | | | | | | | |
|---|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|-----------------------------|------------------|--------|-------|------------------|-------|-------|
| Using data from BWV IBA and APCR Permit Totals for 11 th July 2022 | 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 | DIOXI N /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) | 0.5 | 14.8 | 0.93 | 0.08 | <0.41 | 995 | 12.5 | 2,100 | 976 | 52.3 | 60.0 | 12.5 | 16.9 | 3,583 | 1.47 | 1.56 | 7.47 | 1.44 | 0.05 | 0.18 | 0.003 |
| APC residues | | 388 | 54.4 | 1.5 | 4.30 | 8,308 | 163 | 1,549 | 768 | 28.5 | 1011 | 8.3 | 14.4 | 31,950 | 6,114 | 6,660 | 11,377 | 7,247 | 131 | 200 | 5.91 |

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

Date:25/10/2022