

Permit Reference Number: AP3538SM
 Operator: Tradebe Healthcare National Ltd
 Installation: Wrexham Clinical Waste Incinerator

Variation Reference Number: EPR/WP3836ZF
 Form Number: Agency Form / **Ash1** / WP3836ZF

Reporting of Ash Composition for the period from July 2019 to September 2019

| Ash Composition | | | |
|-----------------|-----------|-----|--|
| | | | % Carbon (TOC) ^w / _w |
| Bottom Ash | July 2019 | 2.0 | |
| Bottom Ash | Aug 2019 | 2.2 | |
| Bottom Ash | Sept 2019 | | |

| Ash Composition (Metals, Dioxins, etc.) | | | | | | | | | | | | | | | | | |
|---|-----------------|-------------|-------------|-------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------|-----------------|------------|-------------|--------------------------|---------------|-----------|-----------|
| | Sb mg/k g | Cd mg/kg | Tl mg/kg | Hg mg/kg | Pb mg/k g | Cr mg/k g | Cu mg/k g | Mn mg/k g | Ni mg/k g | As mg/kg | Co mg/k g | V mg/kg | Zn mg/kg | DIOXIN I-TEQ ng/kg | DIOXIN | | |
| | | | | | | | | | | | | | | | WHO-TEQ ng/kg | | |
| | | | | | | | | | | | | | | | Note 1 | Note 2 | Note 3 |
| Bottom Ash | 67 | 36 | <1 | <1 | 576 | 546 | 2133 | 309 | 223 | 15 | 143 | 11 | 2243 | 26.2 | 23.8 | 46.2 | 27 |
| APC Residues | 132 | 77 | <1 | 144 | 1332 | 122 | 4970 | 131 | 77 | 33 | 98 | 23 | 4350 | 311 | 269 | 441 | 301 |

Note1 Humans/ mammals
 Note2 Birds
 Note3 Fish

Signed Paul Phillips..... Date. 02.09.2019
 (authorised to sign as representative of Tradebe Healthcare National Ltd)