

**ENVIRONMENTAL PERMIT 'EPR/DB3231RX'
VARIATION APPLICATION**

**NATURAL UK LIMITED HEALTHCARE MANAGEMENT FACILITY, CAPEL HENDRE,
AMMANFORD, CARMARTHENSHIRE, SA18 3SJ**

NON-TECHNICAL SUMMARY:

Natural UK Ltd are the operators of the Healthcare Management Facility situated in Capel Hendre Industrial Estate, Ammanford, Carmarthenshire, SA18 3SJ (National Grid Reference: SN 59321 11017). The site received its Environmental Permit (EPR/DB3231RX) in 2011 which allows for the operation of a clinical waste transfer station with treatment and authorises the receipt of clinical and healthcare waste for storage, treatment and repackaging at the site, followed by transfer off site. Waste inputs may consist of source-segregated non-hazardous and hazardous clinical and healthcare wastes.

Natural UK Limited now wish to vary the Environmental Permit for their Healthcare Management Facility. The operator seeks to add a waste sterilisation process to treat infectious clinical waste (waste codes 18 01 03* and 18 02 02*) as well as non-hazardous Absorbent Hygiene Products (AHP) (waste code 20 01 99). These waste codes are already included in the site's list of permitted wastes.

The waste treatment process will utilize an established technology, which will comprise of a relatively compact, self-contained unit. The clinical waste will be brought to site in rigid containers and weighed electronically. The containers will be lifted mechanically, and the contents will be tipped into a sealed loading hopper where it will be achieved by microwave and / or steam sterilisation. The treatment process will be fully contained, with disinfected output materials being discharged into storage containers pending recovery by separate recycling processes or use as a Solid Recovered Fuel (SRF), allowing the production of energy from waste.

Additionally, the operator would like to add EWC waste code 19 08 01 (sewage screenings) to the list of permitted wastes. This waste will undergo treatment at the existing non-hazardous treatment plant at the site, currently used for absorbent hygiene products (AHP's). This waste will be loaded onto the conveyor, shredded to <40mm and washed in a friction washer. Following this, the waste will be squeeze dried in a compaction screw. The washing process will be repeated 3 times and the waste will be chlorinated. The output material will then be fiberized in a granulator and milled to form fibre pellets.

As part of this variation application, the current permit boundary is proposed to be extended to include the area, currently owned by the operator, situated adjacent to the north-east of the current permit boundary. This is to allow for future expansion of the facility. This is shown in **Drawing No. NU1000/06/01 and NU1000/06/02.**

NRW have confirmed during Enhanced Pre-Application Advice discussions that this application would fall under a 'Normal' variation as the installation capacity falls below 10 tonnes per day for the treatment of hazardous waste. The application fee of £10,792 has been calculated via the site's OPRA score and confirmed by the Regulator.

This application consists of the following:

- Application Forms and Fee
- Non-Technical Summary
- Supporting Statement
- Site Condition Report
- Fugitive Emissions Risk Assessment
- Accidents and Emergencies Risk Assessment
- Supporting Drawings