

ENVIRONMENTAL PERMIT 'EPR/EP3698FL' VARIATION APPLICATION

NANTYCAWS HCI WASTE TRANSFER & TREATMENT FACILITY LLANDDAROG ROAD, NANTYCAWS, CARMARTHENSHIRE

NON-TECHNICAL SUMMARY

CWM Environmental Limited operate a HCI Waste Transfer and Treatment Facility located at Nantycaws Waste Management Facility, Llanddarog Road, Nantycaws, Carmarthen, SA32 8BG (National Grid Reference: SN 47393 17563). The Environmental Permit for the site was originally issued as a Waste Management Licence (EAWML 34207) in September 2003. The EAWML was varied to an Environmental Permit in 2004, whereby Tables 1.1 and 1.2 were amended. In November 2012, the Environmental Permit (EPR/EP3698FL/V003) was varied to include composting activities as well as additional waste codes which resulted in the re-classification of the site to a hazardous and non-hazardous HCI Waste Transfer Station with treatment, as well as extension to the site boundary. The Permit was varied once more in July 2015 to add a newly prescribed activity following the introduction of the Industrial Emission Directive (IED). The current Permit for the site is for the recovery and disposal of a non-hazardous and hazardous household, commercial and industrial waste transfer station and treatment facility. The HCI waste transfer with treatment facility includes enclosed vessel composting and open windrow composting activities where the recovery of non-hazardous biodegradable wastes must be carried out under aerobic conditions. It also permits the recovery of wastes for the production of soil, soil substitutes and aggregates. The maximum annual waste acceptance is 100,000 tonnes.

In terms of the HCI Treatment and Transfer Facility operations, Table S1.1 of the Permit currently permits the sorting, separation, shredding, compaction and dewatering of wastes. It also stipulates that the treatment of hazardous waste is not permitted and specifies a maximum storage quantity of hazardous waste as being 10 tonnes per day.

CWM Environmental now propose to vary the permit to account for the addition of paint blending and stripping operations. The operator proposes to recover non-hazardous and hazardous waste paints from the HCI WTTF, by blending/mixing and repackaging for onward sale. Painted and varnished wooden and metal furniture items and doors will also be transferred from the HCI WTTF for stripping utilising shot-blasting type techniques. The stripping process will involve the use of an abrasive substance (shot) deployed at high velocity to remove any residual paint or varnish. The stripping process will be fully enclosed in a sealed booth unit to prevent emission of dust. To account for these additional treatment operations, an extension of the limits of activities contained within Table S1.1, Activity Reference 'A3' (HCI Transfer and Treatment Facility) of the Environmental Permit to include blending, mixing, stripping (shot-blasting) and repackaging.

In addition to the above, the operator also requires an amendment to the narrative contained within Table S1.1, Activity Reference 'A3' to stipulate that the total quantity of hazardous waste stored at the site at any one time will be less than 50 tonnes and the maximum quantity of the hazardous wastes treated at the facility in any day will be less than 10 tonnes. An additional recovery code (R2 – Solvent reclamation/regeneration) will also be added to Table S1.1, Activity Reference 'A3' to account for the aforementioned paint blending operations. All storage and treatment operations associated with the paint blending and stripping operations will be carried out in a designated area located to the north of the current HCI WTTF operations.

The site is currently permitted to accept up to 100,000 tonnes of waste per annum. This variation application does not seek to alter the tonnage allowance for the annual waste accepted at the site by all operations.

All waste treatment and storage operations will also be carried out over impermeable surfaces (e.g. concrete) with sealed drainage systems. All hazardous wastes will be stored in containers or another appropriate receptacles (e.g. paint pots). Treatment of hazardous wastes (limited to waste paint) will take place within a designated area, within a suitably adapted container or within an enclosed environment (e.g. booth), with relevant environmental controls in place.

This application includes the appropriate fee, application forms, supporting statement, drawings and appendices.

