Wastecare Halifax EPR/VP3737QB permit variation

HxVn23NTS - Non-Technical Summary

1 INTRODUCTION

1.1 Wastecare Limited currently operate an authorised battery treatment facility operating under environmental permit reference EPR/VP3737QB at Units 1-6 North Dean Business Park, Stainland Road, Halifax, HX4 8LR. The site location and permit boundary of the facility are shown on drawings ST16653-001 and ST16653-002 respectively.

1.2 This application seeks the variation of the installation permit to increase the tonnage of storage of non-hazardous and hazardous batteries.

1.3 This variation does not seek to vary the mechanical treatment of non-hazardous batteries on site. There will be a second variation that will be submitted at a later date.

1.4 The storage of batteries will be carried out using Best Available Techniques (BAT).

1.5 The storage of waste batteries will comply with Part A of Annex III to the [Batteries Directive], specifically:

a) treatment will include the removal of all fluids and acids ; and

b) treatment and storage areas will have impermeable surfaces with weatherproof covering in appropriate areas or suitable containers.

1.6 The site is operated in accordance with an Environmental Management System (EMS), which meets the requirements of the Environment Agency's Guidance.

1.7 Waste acceptance procedures will be employed at the site to ensure that only permitted wastes are accepted at the site. Permitted wastes and waste acceptance procedures are detailed in Sections 5 and 6 of the operating techniques respectively.

1.8 All waste storage and treatment activities will be undertaken to ensure that environmental protection is ensured at all times.

1.9 Environmental monitoring and record keeping will be undertaken and completed in accordance with the conditions included in the environmental permit when issued.

2 PERMIT APPLICATION

2.1 The permit application includes:

- Application Forms (A, C2, C3 and F1);
- Non-Technical Summary; ref: HxVn23NTS
- Operating Techniques; ref: HxOPTN.v15
- BAT Assessment; ref: HxBAT.v2
- Amenity and Accident Risk Assessment; ref: AARA.v2
- Fire Prevention Plan; ref: FPPHA.v16
- Treatment of Batteries; ref: Part c2 HxVn23Qn2d
- Drawings; ref: ST16653-001, ST16653-002, HXSP1v17 and HXSP1 – FPPv17

3 SITE OPERATIONS

3.1 Incoming waste deliveries will arrive on site where acceptance checks will be carried out. Consignment / Transfer notes will be reviewed and where possible each load will be subject to visual inspection to ensure it appears in line with the pre-acceptance information. Loads will initially be inspected by suitably trained personnel to ensure that only permitted waste is accepted and to establish that the wastes are safe to offload.

3.2 Wastes will be unloaded in the waste reception area and transferred to the storage area for wastes pending treatment. Pre-sorted loads of portable alkaline batteries will be stored separately as these will be introduced to the process via a hopper connected to the conveyor that transfers portable alkaline batteries to the second phase of the treatment plant.

3.3 All waste streams will be weighed using pallet scales.

3.4 Recovered waste streams will be stored separately prior to their despatch off-site.

4 POLLUTION CONTROL MEASURES

4.1 The site will be operated in accordance with an Environmental Management System which is accredited to ISO14001, providing written procedures for the management of the facility, including effective maintenance of plant, equipment and site infrastructure. All operations at the site will be managed by a Technically Competent Manager who will ensure that the procedures in the EMS are followed.

4.2 The site will be provided with impermeable pavement and a sealed drainage system. Dedicated storage will be provided for different waste streams.

4.3 Daily inspections will be made of the site to ensure that, that there is no risk of fire and that there is no odour detectable at the boundary.

4.4 Further information is provided in the Operating Techniques report. An assessment of the environmental risks and the appropriate mitigation is provided in the Amenity and Accident Risk Assessment report.

4.5 The potential impact on several ecological receptors has been considered and conclusions reached confirm that there will be no adverse impact on these.

4.6 A Fire Prevention Plan has been included in the application to reflect the non-hazardous combustible material streams stored at the site.