



Non Technical Summary

MATERIALS STORAGE - PENRHOS

Paperback Collection & Recycling Ltd

Part 3

**CERI ENVIRONMENTAL
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1.1 Introduction

- 1.1 This statement describes the operation by Paperback Collection & Recycling Ltd of its proposed facility on Anglesey. The site operates in accordance with an in house Environmental Management System (EMS). This statement therefore provides an over view of the proposed operations. It must be noted that the EMS is the live document, which will reflect the most up to date site operations and will take precedence over this document, which will not be updated and is solely designed to provide information for the permit application.

2.1 Specified Waste Management Operations and Waste Types

- 2.1 The operation which is to be undertaken at the facility is :

- R 13 - storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced)

The facility is not a traditional waste transfer and treatment facility, as it does not take in mixed waste, putrescible wastes or degradable waste. It will **only** accept and store processed plastics (EWC 19 12 04) in baled form.

- 2.2 It is proposed that the total quantity of waste stored at the site will be 15,000 tonnes of processed, baled plastic.

The total quantity of waste accepted at the site per year will be less than 45,000 tonnes.

3.1 General site operations

- 3.1 Site operations will be conducted in accordance with the in house EMS.

Due to the nature and control over the waste inputs to this facility it will be of an entirely non-biodegradable nature.

This is a storage facility and no processing will take place on site.

4.1 Risk Management

4.1 The site specific risk assessment has shown that the site, due to its nature, presents a generally very low risk to the environment and local receptors. However, it does show that although there is a low to very low likelihood of there being a fire, if there were one, the consequences, *without* any mitigation measures, could be high. Infrastructure, plant and site management, via the EMS, will control this hazard. The Fire Prevention and Management Plan details the control techniques to be employed.

4.2 To summarise, risk control techniques will be employed as follows:

Risk of arson

The overall site at Penrhos has 24 hour manned security. There is an access gate, which is manned during opening hours and fob key entry only to the site. The perimeter of the overall site complex is fenced. All waste will be stored inside a building, which will be locked when the site is not manned. The only exception to this would be during a fire emergency situation. In this situation there are two external quarantine areas which may be used on a temporary basis (ie for the duration of the emergency) to store materials in accordance with the Fire Prevention and Mitigation Plan. The security measures should ensure that the risk of unauthorised access to the site is very low. Additional fire prevention and control measures are extensive and include close monitoring of the waste input to the facility, a very low number of ignition sources, fire stack size control, stack separation, temperature probing of waste, CCTV monitoring of building, stock rotation, and fire fighting systems including on site water supply, fire extinguishers and fire hoses. Staff training in fire procedures are also in place.

Contaminated fire water run off to surface and ground waters

Without any mitigation measures there is potential for fire water release to surface or ground waters. In the case of the Penrhos site there are a number of significant control measures which reduce this risk to a low level. All waste storage will be within a building and on an impermeable floor (except in a fire emergency situation when materials may be temporarily stored outside in accordance with the Fire Prevention and Mitigation Plan).

The building floor has a drainage system, draining to an undergrounds chamber, which will hold fire water and which is fully contained. The external drainage system at the site had a discharge point, which is penstock controlled and so can be closed off and isolated. The

drainage systems will be inspected on a regular basis in accordance with the EMS. They will be maintained so that they are fit for purpose.

The site is not within a groundwater source protection zone.

5.1 Waste Acceptance and Control Procedures

- 5.1 All waste inputs will be checked to ensure that they conform to the description in the EWC documentation supplied by the producer (in this case the producer will be Paperback Collection & Recycling's sister site at Deeside). All duty of care documentation and waste code records will be maintained. Waste returns will be provided in accordance with reporting requirements.
- 5.2 The EMS includes a comprehensive waste acceptance procedure, which will ensure that only permitted waste types should be accepted at the facility. The EMS document will also be regularly updated every 12 months.
- 5.3 In the unlikely event that any unauthorised waste or potentially contaminated waste is identified, once a vehicle has entered the site, the unauthorised waste will be rejected from the site.

6.0 Complaints

- 6.1. Any complaints received regarding the operation of the waste management facility will be investigated immediately by the site management and Natural Resources Wales will be informed if appropriate of the complaint and the remedial action to be taken.