

## **Attachment A - Non Technical Summary**

### **Location of proposed Facility and description of existing area**

This development is a proposal to continue to recover a disused Quarry. Following the backfilling operation it is envisaged that the land will then be fully restored to agricultural land.

The site was granted planning permission from Kilkenny County Council for deposition works in 2006 Planning ref no:061/1772 .Two waste management permits from Kilkenny County Council have been active on this site over the period (WMP 22/2003 AND WMP 23/2007). Inert Material as per the above Waste permits has been accepted at this site during this time.

The proposed facility is located in the townland of Grannagh on the main N24 Limerick Road. However this road will be down-graded (see location map Figure 1.2.) in the next 6-8 months due to the new Waterford City Bypass and is circa 10 hectares.

### **Class or Classes of Activity**

The principal class of activity of the proposed Waste Licensed facility is **Class 4 of the Fourth Schedule of the Waste Management Acts 1996 to 2003** namely;

*Recycling or reclamation of other inorganic wastes*

Also further activities in the fourth schedule are **Class 2**

*Recycling and reclamation of organic substances which are not used as solvents (including composting and other biological processes)*

And **Class 13**

*Storage of waste intended for submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where such waste is produced.*

### **Quantity of waste and nature of waste**

It is envisaged that current quantities of waste accepted will not be exceeded. Currently the site is permitted to accept 150,000 tonnes per year. At current rates of intake it is envisaged that the recovery of this site will take 10 years.

Subject to a waste license being granted it is anticipated that the following materials will be accepted at the site.

<b>EWC Code</b>	<b>Description</b>
17 05 04	Soil and stones other than those mentioned in 17 05 03
17 01 01	Concrete
17 03 02	Bitumous materials other than those in 17 03 01
17 01 02	Brick
17 04 07	Mixed Metals
17 01 03	Tiles and ceramics
17 01 07	Mixture of concrete ,bricks, tiles and ceramics other than those mentioned in 17 01 06
17 02 01	Wood
17 08 02	Gypsum
17 05 08	Track Ballast
17 05 06	Dredging spoil
10 01 01	Bottom ash slag and boiler dust

Waste will only be accepted from permitted hauliers and no hazardous waste will be accepted to the facility. The procedure to manage non-conforming waste arriving at the site is detailed in section H2 below.

### **Energy and Resource use**

As only mobile plant will be used in this operation only diesel fuel and lubrication oil will be needed to process the material. The handling of this material is documented in Attachment G1. Electricity will be used in the site cabins and water is supplied from the mains connection on the N24.

### **Site Facilities and operation**

Two portacabins will be used onsite to accommodate the site office and equipment. Access to the site is by locked gate and all vehicles must report to the site office to sign in on load record sheets (Appendix 12). A weighbridge will be used to monitor the quantities of material arriving onsite and these records will be appropriately retained.

Mobile plant onsite is listed in the operation section D1. This plant will be fuelled on the hardstanding area as discussed in section G1 and fuel will be delivered to the machines as required by road tanker. Maintenance of this equipment will also be carried out on the hardstand area and any waste oil will be stored in a bunded tank at the materials quarantine area.

## **Hours of operation**

Current hours of operation are to be maintained –

Monday to Friday inclusive: 08.00 to 17.00

Saturday: 08.00 to 14.00. There will be no waste accepted on Sundays or Bank Holidays.

## **Emissions from site**

It has been noted that minimal emissions will result from the operation of this facility namely noise and dust from the operation of plant and equipment. This is due to the low lying nature of the facility to the surrounding area and also the location of mature trees. These are covered in more detail in Appendix 2 and 3. It is planned to monitor dust and noise levels on an annual basis.

## **Emergency Procedures**

Emergency procedures will be dealt with as per attached safety statement. (Appendix 4)

## **Restoration**

As part of the restoration of the aforementioned disused quarry a layer of topsoil (500mm) will be placed over each phase when completed. The ground levels will match the surrounding original topography (as shown in Figure 1.4), by providing unobtrusive slopes. All portacabins, temporary roadways, wheelwash, weighbridge, fuel and material facilities and waste quarantine area will be appropriately decommissioned and removed from site.

Prior to complete closure of the facility an environmental due diligence audit will be carried out to highlight if any further remediation, decommissioning, restoration and aftercare is required.