

**LICENSING UNIT - INSPECTORS REPORT TO THE BOARD**

<b>TO:</b>	Board of the Agency
<b>FROM:</b>	Dr Jonathan Derham
<b>DATE:</b>	17/1/04
<b>RE:</b>	Application for a Waste Licence from Waterford County Council, Licence Register 189-1

Application Details	
Type of facility:	Non-Hazardous Materials Recovery Facility
Class(es) of Activity ( <b>P</b> = principal activity):	3 <sup>rd</sup> Schedule: 12, 13 4 <sup>th</sup> Schedule: 2( <b>P</b> ), 3, 4, 13
Quantity of waste managed per annum:	24,000 t
Classes of Waste:	Dry recyclable non-hazardous household, commercial & industrial wastes.
Location of activity:	Shandon, Dungarvan, Co Waterford
Licence application received:	2 July 2003
Third Party submissions:	None
EIS Required:	No
Article 14 Compliance date:	12 Jan 2004
Site Inspection:	1 Aug 2003

### Activity

The applicant, Waterford Co Co, propose to set up and operate a Material Recovery Facility in Dungarvan. Operations consist of the intake, separation, sorting & bailing of dry recyclables for onward recovery. It is proposed to process up to 20,000tpa of waste at the facility. The materials (or wastes) to be processed are dry recyclables including, cardboard, paper, drink & food cans, metals, Tetrapack, plastic bottles & textiles. The wastes are derived from household (kerb-side), commercial & industrial sources. It is proposed that 20 people will be employed at the facility when fully operational. The operation benefits from full planning permission. No EIS was required. The facility is proposed to be located in an existing building on a zoned industrial/business park situated north of the town centre. A new housing estate is being constructed 120m to the north of the facility.

### Process Description

All waste processing is to be carried out in a fully enclosed building. It is anticipated that there will be two production shifts within the hours 0600 to 2200 Monday to Saturday. Waste will only be accepted at the facility between the hours of 0800 and

2000hrs. At full production it is anticipated that in the order of 10 waste vehicles per day will deliver to the facility.

Incoming waste is deposited on the floor of the waste reception area in the processing building. It is initially subjected to manual separation of textiles and other loose items. Unacceptable material is isolated in a quarantine area. After reception the following processes are carried out:

- Automated bag opening
- Cardboard screen
- Newspaper screen
- Magnetic separator for ferrous metals
- Eddy separation for non-ferrous metals
- Fines screening
- Plastics separation
- Bailing

Throughout the process there will be operator supervision and manual picking in support of the mechanised processes.

Depending on plant work-loads, waste received at the facility may be stored in secured containers in the yard area, pending introduction to the process building.

### **Use of Resource**

Not significant. Use is typical of small light industrial unit. The only fuel used on-site is for forklift and similar vehicles. Water use is mainly associated with hygiene & occasional floor wash-down.

### **Emissions**

There are no significant emissions to air, sewer or surface water. A small amount of trade effluent associated with periodic floor wash-down will be let off to sewer. The discharge has been agreed by the Sanitary Authority and emission limit values applied.

Given the facility design and the nature wastes to be processed, dust and odours are not expected to present any nuisance risk. All operations, bar delivery of waste and shunting of containers, are carried out indoors. Consequently noise emissions are expected to be negligible.

All process and yard areas are hard surfaced and fuel is to be stored in a bunded area. There is negligible risk to groundwater. All operations are indoors and vehicles using the facility will be sheeted or fully enclosed. Consequently litter nuisance is expected to be negligible.

Roof and storm water is discharged to Local Authority storm sewer.

### **Proposed Decision**

The Proposed Decision as recommended to the Board includes conditions in relation to the safe operation and management of the facility including, *inter alia*, the control and monitoring of processes and emissions; facility management, accident prevention, materials management; and environmental protection.

### **Closure & Aftercare**

Not a significant issue with this type of facility.

## **Cultural Heritage & Habitats**

There are no known features of architectural, archaeological or historical interest proximal to proposed facility and likely to be impacted on. There are no designated habitats or species sites proximal to the facility.

## **Visual Impact**

All processing is to be carried out in an enclosed building. Consequently no visual impact is anticipated.

## **Waste Management Plans**

The proposal is fully compliant with the objectives of the South East Regional Waste Management Plan 2002.

## **Complaints**

None.

## **Submissions**

None.

## **Charges**

The annual charges (€3,916.00) reflect the negligible impact and low regulatory burden a site such as this will present.

## **Recommendation**

I recommend that the Proposed Decision be issued subject to the conditions, and for the reasons, as drafted.

Signed

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Dr Jonathan Derham  
Senior Inspector

## **Procedural Note**

In the event that no objections are received to the Proposed Decision on the application, a licence will be granted in accordance with Section 43(1) of the Waste Management Acts 1996-2003.