

## INSPECTORS REPORT

**WASTE LICENCE REGISTER NUMBER 144-1**

**APPLICANT:** Sean Rooney Ltd. t/a Bambi Bins and Wheel Bin Services Ltd.

**FACILITY:** Bambi Bins and Wheel Bin Services Ltd., Coes Road, Dundalk, Co. Louth.

**INSPECTOR'S RECOMMENDATION:** That a Waste Licence be granted subject to conditions.

### (1) Introduction

Sean Rooney Ltd. (t/a Bambi Bins) and Wheel Bin Services Ltd. have applied jointly for a Waste Licence to operate a waste transfer station and recycling facility in an industrial area at Coes Road, Dundalk, Co. Louth. The facility accepts the following waste types: household, commercial, industrial non-hazardous solids and Construction and Demolition wastes. The facility is unauthorised. The applicant was granted Planning Permission on 17<sup>th</sup> January 2001 to carry out significant upgrading of the facility. An EIS was submitted with the application and I consider that it complies with Article 25 of the EIA Regulations.

Class 13 of the Third Schedule and Classes 2, 3, 4 and 13 of the Fourth Schedule were applied for.

<b>Quantity of waste (tpa)</b>	90,000 tpa
<b>Prescribed date for application</b>	01/10/99
<b>Date Application Received</b>	05/12/00
<b>Environmental Impact Statement Required</b>	Yes
<b>Number of Submissions Received</b>	Two

### FACILITY VISITS:

<b>DATE</b>	<b>OBSERVATIONS</b>	<b>PERSONNEL</b>
04/01/01	Site notice compliant	Damien Masterson
01/06/01	Site visit	Damien Masterson

**Appendix 1 contains a location drawing and site layout drawing showing the significant features of the site.**

### (2) Facility Development

The total area of the site is approximately 7,180 m<sup>2</sup>. The upgraded facility will consist of reception/office block, a segregation store (transfer building), a recycling store (housing a trommel) and a weighbridge. The recommended Proposed Decision (PD) includes a requirement for a waste inspection/quarantine area.

The contents of waste skips are either deposited inside the segregation store or on the transfer station yard, in the case of construction and demolition waste. Waste for recycling (C & D, Glass, Metal, Wood, Cardboard and Plastic etc.) is manually sorted and stored in separate areas on site. Waste unsuitable for recycling is loaded into a compactor and transported to landfill for disposal. C & D Waste Recovery operations are limited to the checking and removal of recyclable's from skips of material which has been subject to basic source segregation on site prior to dispatch to landfill for use as cover or in restoration works. Bambi Bins is currently achieving about 19% recovery and 81% disposal. Wheel Bin Services Ltd. operates a household waste collection service and at present the waste is transported direct to landfill without passing through the facility. The applicant proposes that up to 30,000 tonnes of this waste could be mechanically sorted by the trommel in the "Recycling Store" to separate organic fines. Organic fines would be transferred off-site for composting at another facility. Non-organic fines would be loaded into a compactor and transported to landfill. At present while the trommel is being trialled, separated organic fines are being disposed of to landfill. All facilities for offsite disposal or recovery of material must be agreed in advance with the Agency.

Potential nuisances at the facility are controlled by *Condition 7* of the recommended PD.

The applicant originally applied for operational hours of 6 a.m. to 6 p.m. Monday to Friday and 8 a.m. to 3 p.m. on Saturday. The applicant submitted additional information on 1<sup>st</sup> November 2001 amending the hours of operation requested to 5 a.m. to 10 p.m. Monday to Saturday. The applicant stated that the main reason for the request was to facilitate Wheel Bin Service's lorries leaving earlier in the morning and to provide extended processing time in the evenings. In view of the facility's location in an industrial area, it is proposed to grant the hours of operation requested. *Condition 1.7.2* limits the Hours of Operation and *Condition 1.7.1* limits the Hours of Waste Acceptance to thirty minute less than the hours of operation in the morning and the evenings to allow time for preparation and cleanup. However, I have recommended that operation of the trommel and any equipment associated with C & D recovery operations be limited to **between the hours of 8:00 a.m. and 9:00 p.m. Monday to Saturday inclusive (*Condition 1.7.3*) to minimise the emission of noise during night-time hours..**

### **(3) Waste Types and Quantities**

The applicant proposes to accept up to 90,000 tonnes of waste per annum over the next five years, increasing gradually over this period from approximately 52,500 in 2001. The waste types accepted are household, commercial, industrial non-hazardous solids and C & D waste.

### **(4) Emissions to Air**

Noise monitoring results indicate that noise levels at the boundary of the facility are in excess of 55dB(A) daytime. The main noise contributors are local traffic, the operation of the trommel outdoors and the operation of the compactor. **The new buildings being constructed on-site should be completed within three months and**

the trommel will be operated within the Recycling Store. Limits on noise levels have been set at two monitoring points to the rear of the site furthest away from Dundalk Inner Relief Road and at a noise sensitive location to be agreed with the Agency (*Schedule C*). *Condition 11.6* of the PD requires the licensee to carry out a survey of the noise sources on site within six months of the date of grant of the licence. *Condition 8.1* requires noise monitoring at the locations specified in *Schedule D.1*. The frequency and location of noise monitoring may be amended on assessment of the results arising from the survey required by *Condition 11.6*.

Dust monitoring requirements for the facility are provided for under *Condition 8* of the recommended PD and emission limits are set under *Schedule C*.

The potential for odour exists from the mechanical sorting of domestic waste to remove organic fines using a trommel. *Condition 5.1* requires that processing of waste be carried out inside the recycling store and *Condition 7.5* requires that waste stored on-site overnight be removed from the facility within forty eight hours of its arrival.

#### **(5) Emissions to Groundwater**

All waste transfer and recycling operations other than those associated with C & D waste will be carried out in the Segregation Store and the Recycling Store. All yard areas of the facility will be covered with hardstanding within six months of the date of the licence (*Condition 3.5.2*). No fuel will be stored at the facility. If in the future, the licensee wants to store fuel at the facility, then this storage area will require bunding (*Condition 3.11.2*).

#### **(6) Emissions to Surface Waters**

All foul water and surface water run-off from the yards liable to contamination by vehicles or other sources will be directed to the Dundalk Urban District Council foul sewer (*Condition 5.7.1*). Uncontaminated rain-water from roofs and areas of the yard not liable to contamination will be discharged to the public surface water drainage piped system (*Condition 5.7.2*). *Condition 5.7.1 and 5.7.2* were requested by the Sanitary Authority in their reply to a Section 52 consent request. Discharge to sewer is controlled by *Condition 6.7* and *Schedule C.3* and monitoring requirements are set under *Condition 8* and *Schedule D.4*.

#### **(7) Other Significant Environmental Impacts of the Development**

None.

#### **(8) Waste Management, Air Quality and Water Quality Plans**

No relevant air quality plan exists. I have considered the Waste Management Plan (WMP) for the North East Region, adopted by Louth County Manager on 27<sup>th</sup> July 2001. This WMP identifies Bambi Bins and Wheel Bin Services as waste collection and waste transfer and recycling operators in the Dundalk and greater County Louth area. The WMP identifies the need for a transfer stations, materials recovery facilities and construction and demolition waste recycling infrastructure in the region.

## **(9) Submissions**

**Two submissions were made in relation to this application:**

**1. Duchás (26/01/01):**

*Duchás state that they have no objection to the granting of the licence.*

**2. Eastern Regional Fisheries Board (30/01/01):**

*The ERFB submission lists the local watercourses and identifies the Castletown River as a valuable salmonid fishery which is angled heavily in season and states that it is vital that these natural resources are safeguarded. The ERFB also states that it has no objection to the application provided all the mitigation measures, as detailed in the Environmental Impact Statement, are adhered to particularly in relation to wastewater and surface water run-off from the site.*

***Response:***

The PD sets requirements for the implementation of those mitigation measures proposed in the EIS for the management and control of wastewater and surface water.

## **(10) Reasons for the Recommendation**

It is recommended that a licence be granted for Class 13 of the Third Schedule and Classes 2, 3, 4 and 13 of the Fourth Schedule as applied for in the application. In making this recommendation, I consider that the carrying on of the activities proposed, subject to the conditions of the Proposed Decision will comply with the requirements of Section 40(4) of the Waste Management Act, 1996.

Signed: \_\_\_\_\_

Dated: \_\_\_\_\_

Damien Masterson, Inspector,  
Environmental Management and Planning.

**APPENDIX 1**

**Location and Site Layout Drawings**