

## **INSPECTORS REPORT**

**WASTE LICENCE REGISTER NUMBER 139-1**

**Applicant: Carlow County Council**

**Facility: Haroldstown Waste Transfer Station, Haroldstown, Tullow, Co. Carlow.**

**Inspector's Recommendation: The licence be granted subject to conditions.**

### **(1) Introduction**

The application is for an existing waste transfer station (opened since 1993) accepting a maximum of 1,150 tonnes per annum. The facility incorporates an enclosed hopper and compactor and receptacles for recyclable/recoverable goods. It is located in a rural area approximately 12 miles northeast of Carlow town and is in the catchment area of the Derreen River which runs north-south approximately 190m to the west of the facility. There are seven residences and three archaeological sites within 500m of the transfer station.

Classes 12 and 13 of the Third Schedule and Classes 2, 3, 4 and 13 of the Fourth Schedule were applied for in the application. The facility is built on lands previously operated as a municipal landfill with an estimated 30,000 tonnes of waste landfilled between 1954-1992. Lands to the south of the transfer station site which were previously landfilled (approximately 1 acre) have been capped with topsoil and are now used as agricultural lands and do not belong to Carlow County Council. A post-closure monitoring report of the closed landfill, incorporating groundwater and landfill gas, was submitted as part of the application.

<b>Quantity of waste (tpa)</b>	1,150 tpa
<b>Prescribed date for application</b>	1/3/99
<b>Application received</b>	26/4/00
<b>Environmental Impact Statement Required</b>	No
<b>Number of Submissions Received</b>	Two

### **SITE VISITS**

<b>Date</b>	<b>Observations</b>	<b>Personnel</b>
19/5/00	Site notice compliant	David Shannon
30/8/00	Site visit	Regina Campbell

**Appendix 1 contains a location drawing (B.2.2) and a site layout drawing (D.1) showing the significant features of the facility.**

## **(2) Facility Development**

The facility is well developed and managed at present. A hopper and compactor are in place and receptacles for the storage of recyclable/recoverable goods are also present. Infrastructures required to be put in place include a wastewater treatment plant and a waste quarantine area. There is no requirement for a weighbridge and wheelwash to be installed at the facility as part of the proposed decision. Waste for disposal will be weighed at Powerstown landfill. All traffic movements are on hardstanding and good management should ensure that a wheelwash is not required.

Potential nuisances are controlled by Condition 7 and hours of waste acceptance are outlined in Condition 1.6.

Condition 4.1 requires a proposal for a Decommissioning and Aftercare Plan for the waste transfer station to be submitted. Post-closure monitoring of the landfill is required for landfill gas, groundwater and domestic wells in the area. A report on the capping of landfilled areas adjacent to the facility is also required (Condition 11.5).

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

The facility is used by private vehicles only. No waste disposal contractors or local authority collection vehicles deliver waste to the facility. Non-hazardous waste accepted for compaction will consist of municipal and commercial waste (850 tonnes per annum). Compacted waste is transferred into a 30 cubic metre steel container and transferred off site for disposal at Powerstown Landfill. Wastes for recycling/recovery (300 tonnes per annum) at present include glass bottles, beverage cans, textiles, waste oils, fluorescent light bulbs and batteries.

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

Noise and dust monitoring requirements are established under Condition 8.1 and emission limits are set under Schedule C.

Landfill gas monitoring results submitted as part of the application indicate that methane levels are elevated in boreholes which are located within the waste body. Landfill gas monitoring is required by Condition 8.1 and the normal trigger levels are included under Condition 6.3. Condition 3.11.1 requires boreholes to be installed outside of the waste body. Monitoring will be undertaken at these perimeter boreholes and this will indicate if gas migration off-site is occurring.

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

All waste transfer operations will be carried out on a hardstanding area. No fuel is currently stored at the facility. If in the future fuel does not need to be stored at the facility, then this storage area will have to be bunded as required under Schedule B.

Groundwater monitoring results indicate that the closed landfill is having no impact on water quality in the area. Monitoring of the old landfill and nearby domestic wells is required as part of the proposed decision.

**(6) Emissions to surface water**

Biological sampling of the nearby Dereen River indicates that water quality is good (Q 4-5). Annual sampling of the Dereen river is required under Condition 8.1. Surface water run-off from hardstanding areas where waste is stored or handled will be diverted to a wastewater treatment plant.

**(7) Other Significant Environmental Impacts**

None.

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

This facility is referred to in the South-east Regional Authority Waste Management Strategy Study (Draft Final Report, 1998).

**(9) Submissions**

A total of two valid submissions were made in relation to this application. The submissions and responses are dealt with in Appendix 2 'Submissions'.

**(10) Reasons for the Recommendation**

It is recommended that a licence be granted for Classes 12 and 13 of the Third Schedule and Classes 2, 3, 4 and 13 of the Fourth Schedule as applied for in the application.

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

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

Regina Campbell, Inspector.  
Environmental Management and Planning.

08/03/01

**APPENDIX 1**  
**LOCATION & LAYOUT DRAWING**

## APPENDIX 2

### SUBMISSIONS

1. **Dr. Paul C. Gannon, South Eastern Health Board, Lacken, Dublin Road, Kilkenny [received 15/02/01].**

*They state that no complaints have been received from the public or nearby residents with regard to the operation of the transfer station.*

#### **Response**

These comments are noted by the inspector.

2. **Alan McGurdy, Eastern Regional Fisheries Board, Blackrock, Co. Dublin [received 26/02/01].**

They state that the transfer station is located close to the Derreen River which is a valuable salmonid fishery and a tributary of the River Slaney. They feel that in the interests of safeguarding the river, that all stormwater from the site should pass through oil interceptors before discharging to the soakaways.

#### **Response**

The Derreen River is located approximately 190m to the west of the facility and biological sampling indicates that water quality is good (Q4-5). Condition 3.9 requires the waste oil storage area to be bunded. Condition 3.8 of the proposed decision requires that all surface water drainage from areas of the site used for the handling and storage of waste shall be directed to a wastewater treatment plant. Condition 8.1 requires monitoring of the Derreen River and treated wastewater discharged at the site.