

**INSPECTORS REPORT**  
**WASTE LICENCE REGISTER NUMBER 57-1**

**(1) Summary:**

<b>Name of Applicant</b>	Donegal County Council
<b>Facility Name (s)</b>	Carndonagh Waste Transfer Station and Civic Amenity Site
<b>Facility Address</b>	Carndonagh, County Donegal
<b>Description of Principal Activity</b>	Repackaging at a Transfer Station
<b>Quantity of waste (tpa)</b>	Approximately 1000t/a
<b>Environmental Impact Statement Required</b>	No
<b>Number of Submissions Received</b>	1
<b>INSPECTOR'S RECOMMENDATION</b>	The proposed decision as submitted to the Board be approved

<b>Notices</b>	<b>Issue Date(s)</b>	<b>Reminder(s)</b>	<b>Response Date(s)</b>
<b>Article 14 (2) (b) (i)</b>	Not Applicable		
<b>Article 14 (2) (b) (ii)</b>	6/11/98	Not Applicable	2/12/98 7/1/99 11/1/99
<b>Article 14 (2) (a)</b>	20/1/99		
<b>Article 16</b>	Not Applicable	Not Applicable	Not Applicable

<b>Applicant Address</b>	Donegal County Council, County House, Lifford, County Donegal
<b>Planning Permission status and date granted (if appropriate)</b>	Not Applicable
<b>Planning Authority</b>	Donegal County Council
<b>For Local Authority applicants, is the facility within its own functional area</b>	Yes
<b>Is the facility an existing facility:</b>	No - newly constructed
<b>Prescribed date for application:</b>	Prior to 20 <sup>th</sup> May 1998 as it is a new facility
<b>Date Application received:</b>	29 <sup>th</sup> September 1998
<b>For Certified Sites, have matters in the EIS relating to environmental pollution been considered as required by Article 21 of SI 133 of 1997</b>	Not Applicable
<b>Location of Certificate in Application</b>	Not Applicable
<b>Confidential Information Submitted</b>	No
<b>Location of Planning Documents in Application</b>	Not Applicable
<b>Location of EIS in Application</b>	Not Applicable

**FACILITY VISITS:**

<b>DATE</b>	<b>PURPOSE</b>	<b>PERSONNEL</b>	<b>OBSERVATIONS</b>
27/10/98	Check notice and site	P. Carey	Site Notice complies with Art. 8

**(2) Class/Classes of Activity**

**The class(es) of activities for which the applicant has applied are marked below. The principal activity is indicated by (P), other activities by (X).**

<b>Waste Management Act, 1996</b>			
<b>THIRD SCHEDULE Waste Disposal Activities</b>		<b>FOURTH SCHEDULE Waste Recovery Activities</b>	
1. Deposit on, in or under land (including landfill).		1. Solvent reclamation or regeneration.	
2. Land treatment, including biodegradation of liquid or sludge discards in soils.		2. Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).	
3. Deep injection of the soil, including injection of pumpable discards into wells, salt domes or naturally occurring repositories.		3. Recycling or reclamation of metals and metal compounds.	
4. Surface impoundment, including placement of liquid or sludge discards into pits, ponds or lagoons.		4. Recycling or reclamation of other inorganic materials.	
5. Specially engineered landfill, including placement into lined discrete cells which are capped and isolated from one another and the environment.		5. Regeneration of acids or bases.	
6. Biological treatment not referred to elsewhere in this Schedule which results in final compounds or mixtures which are disposed of by means of any activity referred to in paragraphs 1 to 10 of this Schedule.		6. Recovery of components used for pollution abatement.	
7. Physico-chemical treatment not referred to elsewhere in this Schedule (including evaporation, drying and calcination) which results in final compounds or mixtures which are disposed of by means of any activity referred to in paragraphs 1 to 10 of this Schedule.		7. Recovery of components from catalysts.	
8. Incineration on land or at sea.		8. Oil re-refining or other re-uses of oil.	
9. Permanent storage, including emplacement of containers in a mine.		9. Use of any waste principally as a fuel or other means to generate energy.	
10. Release of waste into a water body (including a seabed insertion).		10. The treatment of any waste on land with a consequential benefit for an agricultural activity or ecological system.	
11. Blending or mixture prior to submission to any activity referred to in a preceding paragraph of this Schedule.		11. Use of waste obtained from any activity referred to in a preceding paragraph of this Schedule.	X
12. Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule.	P	12. Exchange of waste for submission to any activity referred to in a preceding paragraph of this Schedule.	X
13. Storage prior to submission to any activity referred to in this Schedule, other than temporary storage, pending collection, on the premises where the waste concerned is produced.	X	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.	X

**Class description:**

Classes 12 and 13 of the Third Schedule refer to the operation of the transfer station and civic amenity facility.

Classes 11, 12 and 13 of the Fourth Schedule refer to the collection of waste at the civic amenity that may be recovered

**Activities recommended for licensing:**

It is recommended that all classes, for which the applicant has applied, be licensed subject to the conditions in the Proposed Decision.

**(3) Facility Location**

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

The facility is situated at Malin Road Industrial Estate in Carndonagh. The facility is provided to accommodate householders on the Inishowen Peninsula who do not have a door-to-door collection service.

**(4) Waste Types and Quantities**

**The total quantities and types of wastes expected to be accepted at the facility (Table B.8.1 of the waste licence application) are shown below.**

YEAR	NON-HAZARDOUS WASTE (tpa)	HAZARDOUS WASTE (tpa)	TOTAL QUANTITY OF WASTE (tpa)
1999	800	Not Applicable	800
2000	900	Not Applicable	900
2001	1,000	Not Applicable	1,000

Estimated waste quantities for recovery are 200tpa and for disposal are 600 to 800tpa. The waste types accepted include household or similar commercial waste.

**(5) Activity Summary**

A Certificate of Registration for the civic amenity facility at Carndonagh was granted by the Agency in October 1998. The applicant now proposes to develop the facility further by the provision of a waste transfer station. The facility, which has been constructed, is to accommodate householders on the Inishowen Peninsula who do not

have a door-to-door collection service. It is intended that members of the public will bring their waste to the facility and deposit waste with potential for recovery into designated receptacles and waste for disposal into a compactor unit.

## **(6) Facility Operation/Management**

- **Waste Acceptance Procedures**

*Conditions 5.1* stipulate that only household, commercial and non-hazardous solid waste will be accepted at the facility. Waste accepted at the facility is controlled by *Conditions 5.2* and *5.3*.

- **Waste Handling**

Waste handling at the facility will be as described in Facility Operation (under Section 7 below).

- **Nuisance Control**

It is envisaged that nuisances arising at the facility will be minimal because there will be no open storage of waste, all tipping of waste will be either into (i) the hopper in the transfer station building or, (ii) receptacles for waste recovery. Nuisance control is covered by *Condition 6.2* which requires weekly inspections for odour nuisance, *Condition 6.5* (litter control), and *Condition 6.9* which requires the applicant to submit details to the Agency for vermin control.

- **Hours of Operation**

It is proposed to operate the facility two days per week. The days and hours of operation are required to be agreed with the Agency prior to commencement of disposal activities by *Condition 5.5*.

## **(7) Facility Design**

- **Infrastructure;**

The facility will be surrounded by a 2m high palisade fence with security gates. Site accommodation consists of an office and toilet. The facility provides for a transfer station (already constructed), where municipal waste can be deposited into a compactor unit by the general public with subsequent removal and disposal. Receptacles are also provided where waste with potential for recovery can be deposited by the public. Receptacles at the civic waste facility provide for the collection of glass, paper, cans, textiles, timber, electrical appliances, household and commercial batteries. The provision and maintenance of this infrastructure is required by *Condition 4 Site Infrastructure*.

- **Facility Operation**

A caretaker will be on site during hours of operation to supervise use of compactor and receptacles for waste. The caretaker will also collect charges for waste disposal and monitor the waste being disposed of. Members of the public will be able to drive up and park on the reception ramp of the covered transfer station structure and deposit their waste into the compactor system via top hinged loading doors on either side of the compactor. Waste will be compacted into containers of approximately 14m<sup>3</sup>, holding some 5.5 to 7 tonnes of compacted waste.

The filled containers are arranged on a track system adjacent to the compactor to facilitate the interchange of containers. When a container has been filled and sealed it moves along the track and is replaced at the compactor by an empty container.

#### **(8) Restoration and Aftercare**

*Condition 8 Decommissioning and Aftercare* requires that a proposal for an Aftercare Plan for the facility shall be submitted to the Agency within six months of the date of grant of the licence.

#### **(9) Emissions to Air**

No impact on the quality of the air in the vicinity of the site is expected as a result of this activity. Odour will be minimised as waste with the potential to smell will be disposed into a compactor unit within an enclosed building and *Condition 6.1* requires compacted waste to be removed from the facility within 48 hours. It is very unlikely that dust emissions from this facility will be significant as waste will be placed directly into the compactor system or into receptacles for recovery.

#### **(10) Emissions to Groundwater**

No emissions to groundwater should occur.

#### **(11) Noise Emissions**

The source of any noise emissions will be from vehicles using the facility, the operation of the compacting unit itself and the changing of filled and sealed containers. Noise emissions from the facility are not expected to be significant (due to the size of the operation) and it has been assumed that its impact in the area will be negligible. Daytime and night time noise emission limits at the site boundaries are established by *Schedule F*.

#### **(12) Emissions to Sewer**

Foul water (from toilet and overflow from the settling tank) shall be discharged from the facility to Carndonagh Sewerage Scheme. Consent for such a discharge has been obtained from the Sanitary Authority in accordance with Section 52 of the Waste Management Act 1996.

The settling tank will be tested for integrity prior to commencement of waste disposal activities and at least once every three years thereafter.

#### **(13) Emissions to Surface Water**

Surface water run-off from the open area of the site discharges to a drain to the west of the site. *Condition 4.11.2* requires an oil-water interceptor to be installed on the surface water drainage system at a point prior to discharge and before commencement of waste disposal activities on site. Discharges to surface water are required to be monitored under Condition 9.1 of the Proposed Decision.

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

None.

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

No relevant waste management or air quality plans exist.

#### **(16) Submissions/Complaints**

**One submission from Department of the Marine and Natural Resources (Mr. Declan O Rourke - Coastal Zone Administration Division)**

**(Appendix 2 contains a copy of the submission - Date Received 04/02/99)**

**A summary of all issues raised in the submission is provided.**

*The submission states that the above Department has no objection to the proposal. However, they make the general point that notification of receipt of application gives little indication of the precise nature of facilities in question or their location and asks for the inclusion of some basic details (including a map) on these aspects in future notifications.*

#### **RESPONSE**

- In relation to the notification of receipt of application to the specified bodies, the information provided is in accordance with Article 18(2) of the Waste Management (Licensing) Regulations, 1997.

Signed \_\_\_\_\_

Dated:

Name Peter Carey



**APPENDIX 1**  
**LOCATION PLAN**

**APPENDIX 2**  
**SUBMISSIONS**