

INSPECTORS REPORT

WASTE LICENCE REGISTER NUMBER 163-1

Bergin Waste Disposal Ltd, Fairymount, Castlerea, Co. Roscommon.

Recommendation: The recommended proposed decision as submitted to the Board be approved

(1) Introduction:

Bergin Waste Disposal Ltd. have applied to operate a non-hazardous waste transfer station/recycling facility at Ballaghaderreen Industrial Estate, Ballaghaderreen, Co. Roscommon. The proposed site (c.0.4ha) is located at the end of a cul de sac to the south of the industrial estate which is located approximately 350m off the N5 (Dublin-Castlebar) on the western side of Ballaghaderreen Town. The site is serviced with electricity and a sewer line which is under the control of Roscommon Co. Co.. The monitoring requirements and emission limits values for discharges to sewer as included in the recommended proposed decision reflect the contents of the Section 52 reply as received from Roscommon Co. Co.. **A plan showing the location of the facility to which the application relates is provided in Appendix 1.**

The applicant has completed some preparatory works at the facility (e.g building framework, sheeting, site surfacing). The roof of the facility is visually obvious from most vantage points in the area but the yard area is well screened by the network of hedgerows that exist around the facility. Planning permission was granted in 1997 for the construction of the transfer/recycling facility. The planning restricts the annual tonnage and composition of waste to be accepted at the facility, these being 10,000 tonnes and a minimum of 75% recyclable material respectively. The recommended proposed decision requires that the infrastructure provided for be in place prior to the acceptance of waste at the facility. The closest private residence to the facility is ~135m north of the proposed facility. There are a number of small scale production industries located in the industrial estate.

The applicant proposes that approximately 9,900 tonnes of waste will be accepted at the facility during the first year of operation, rising to 19,700 tonnes after 5 years. The main waste types to be accepted at the facility are Industrial and Commercial Wastes (77%), Household Waste (18%) and Construction and Demolition Waste (5%). The applicant proposes to house all waste processing equipment in a purpose built building (720m²). The applicant operates skip hire and household waste collection services in the Roscommon-Mayo-Sligo area and the majority of wastes to be accepted at the facility will originate from the applicant's own waste collection service.

The applicant proposes to recycle the following waste streams at the facility; paper, plastic, glass, metal, textiles, wood and other inert construction & demolition wastes. A picking line will be provided at the facility to increase the amount of recyclable waste which will can be segregated from the incoming commingled waste streams. Larger recyclable items in the construction and demolition waste streams will be segregated by means of a mechanical grab.

The hours of waste acceptance and facility operation as per Condition 1 of the recommended proposed decision are as applied for in the waste licence application.

Quantity of waste to be accepted (tpa)	19,700
Environmental Impact Statement Required	No
Number of Submissions Received	1

SITE VISITS:

DATE	PURPOSE	PERSONNEL
21/09/01	Site Familiarisation & Site notice Check	Kealan Reynolds
13/11/01	Revised Site Notice Check	Kealan Reynolds

(2) Facility Development

The building proposed is designed for floor tipping and handling of waste and for the housing of waste handling/processing equipment. Commingled wastes will be tipped onto the floor of the building and where suitable it will be passed along the picking line where the recyclable fraction will be removed. The waste destined for landfill will be loaded into trailers which will be located in a dedicated loading area that has entrance/exit points separated from the main building. The applicant proposes to provide a shredder, baler and picking line for processing the recyclable fraction of the incoming waste stream.

Waste storage bays for the storage of source segregated glass and other baled recyclables will be provided outside the main building. All waste with the exception of segregated construction and demolition waste, segregated glass, baled paper, cardboard and plastic will be stored indoors.

The recommended proposed decision provides for the installation of a Civic Waste Facility. The applicant indicated in the waste licence application that such facility may be provided in the future but that it will not be installed in the immediate future.

The recommended proposed decision requires the applicant to provide a weighbridge, site office and vehicle wash at the facility as per Condition 3. The recommended proposed decision also requires that the existing hedgerow be maintained where possible and that further planting be completed where required as per Condition 5.10. The applicant is required to provide security fencing and gates as per the proposals included in the waste licence application. The applicant proposes that a Civic Waste Facility may be installed at the facility in the future and this is provided for in the recommended proposed decision.

The proposed facility is serviced by a sewer line and the applicant is required to install the associated drainage system to ensure all foul waters drain to the sewer and also to provide a suitable location for the monitoring of the foul effluent. The recommended proposed decision requires that adequate surfacing be provided at the proposed facility and that a surface water network including a silt trap and oil interceptor is provided. Shut-off valves are to be installed on both the surface and foul water systems.

(3) Waste Types and Quantities

The applicant has predicted that 9,900 tonnes of waste will be accepted during the first year of operation and based on an annual growth of 15% per annum a maximum tonnage of 19,700 tonnes will be accepted after 5 years. Condition 3.9 of the recommended proposed decision requires the applicant to provide adequate waste handling/processing capacity on an ongoing basis.

(4) Emissions to Air

Possible emissions to air from the proposed facility include odour, noise and dust.

Dust/Odour: Condition 7.4 of the recommended proposed decision requires the applicant to install dust/odour control systems and assess the need for the installation of a negative pressure system after six months of operation. In the case of a negative pressure system and associated dust extraction being installed, a dust emission limit shall apply to the emission point as per Schedule C.3 of the recommended proposed decision.

The applicant will be precluded from storing waste for disposal at the facility for longer than 72 hours. Any wastes for disposal stored overnight shall be in covered containers inside the transfer building. In addition it is required that the applicant clear the floor of all waste at the end of the working day. Condition 5.3.2 of the recommended proposed decision requires that all waste handling/processing equipment be cleaned on a weekly basis to remove all potentially odorous waste debris.

Noise: The recommended proposed decision precludes the applicant from operating beyond daytime hours and also there shall be no clearly audible tonal component or impulsive component in the noise emissions from the activity at noise sensitive locations. Schedule D requires the applicant to complete noise monitoring on an annual basis.

(5) Emissions to Groundwater

There will be no emissions to groundwater from the licensed activities. All of the site shall be paved and all waste storage areas shall be impermeable hardstand. Fuel storage tanks are required to be bunded in accordance with Condition 3.12.

(6) Emissions to Surface Waters

There will be two surface water discharges from the facility: (i) all roof waters will be discharge directly to surface water and (ii) all surface water from the yard areas will be discharged to surface water having passed through a Class I oil interceptor and associated silt trap. The receiving surface water body is a minor stream, which flows from west to east along the southern boundary of the facility and enters the River Lung approximately 3km east of the facility. The recommended proposed decision requires that the surface water monitoring as per Schedule D. Monitoring will also be carried out on the receiving surface water body upstream and downstream of the facility.

(7) Other Significant Environmental Impacts of the Development

None

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

The Waste Management Plan for the Connaught Region as adopted in 2001 provides for a construction and demolition waste recovery facility and a waste recycling centre in the Ballaghaderreen area. Whilst the proposed facility is neither purely a construction and demolition recycling centre or a waste recycling centre both of these are elements of the proposed facility as a whole. Consideration was also given to the contents and recommendations contained in the Water Quality Management plan for the Upper Shannon Catchment.

(9) Submissions/Complaints

1 valid submission was received in relation to the waste licence application.

Submission received from the Western Health Board on 17/12/01

The Western Health Board recommended in their submission that a waste licence for the facility should be refused as the applicant does not have planning permission to hold the range of waste types included in the waste licence application.

Response

The issue of planning permission is a matter for the Local Authority which is in this case Roscommon Co Co.. A waste licence does not negate the licensee's statutory obligations or requirements under the Planning Code or any other enactments or regulations.

Signed _____

Dated:

Kealan Reynolds
Inspector, Environmental Management & Planning

APPENDIX 1
LOCATION MAP & LAYOUT PLAN