

INSPECTORS REPORT

WASTE LICENCE REGISTER NUMBER: 176-1

Applicant: Kildare County Council

Facility: Kilcock Civic Amenity, Bawnogues, Common West, Kilcock, Co. Kildare

Inspector: Pernille Hermansen

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

(1) Introduction:

This application is for a new Civic Amenity Centre to accept 5500 tonnes of waste per annum managed by Kildare County Council. The proposed location of the facility is a greenfield site about 1.5 km northwest of Kilcock town centre. The planning section of Kildare County Council, in compliance with Article 134 of the Local Government Planning and Development Regulations, has granted planning permission for the facility.

A housing estate lies approximately 400 m from the facility boundary on the eastern side. There is a running track at the southern side of the proposed facility. At the western and north eastern sides of the site are fields which drain to the Royal Canal, which lies approximately 0.9 km from the proposed site.

The 0.34 ha facility is to consist of a hopper and compactor for compaction of municipal waste and a bring-bank area for recyclable/recoverable waste.

Classes 11, 12 (Principal Activity) and 13 of the Third Schedule and Classes 1, 2, 3, 4, 11, 12 and 13 of the Fourth Schedule were applied for in the application.

Quantity of waste (tpa)	5,500
Environmental Impact Statement Required	No
Number of Submissions Received	None

Facility visits:

DATE	PURPOSE	PERSONNEL	OBSERVATIONS
24/09/02	Site notice compliance and inspection.	P. Hermansen	Site Notice complies with Art. 8.

A location map showing the outline of the facility to which the application relates and the facility layout is provided in Appendix 1.

(2) Facility Development

The main infrastructure proposed by the applicant and required by the recommended PD includes access and facility roads, fencing, installation of close-circuit television (CCTV) monitoring system, site office, weighbridge, household hazardous waste

building and drainage system for wastewater and surface water run-off including silt traps/oil separators. The recommended PD also requires the applicant to install a waste inspection area and a quarantine area (Conditions 3.7, 3.2 and Schedule B). The PD also requires the applicant to install a container cleaning facility as the applicant has proposed to use a power washer on site to clean waste containers (Conditions 3.9, 3.2 and Schedule B).

The applicant proposes to compact municipal waste and bale cardboard and paper using a standard compactor/baler. A drainage collection system will serve the facility. The applicant has not made a final decision as to the exact model of compactor/baler to be used but has provided a specification sheet for a typical compactor/baler used in similar sized sites. The PD requires that full details shall be forwarded to the Agency for agreements as per the Specified Engineering Works Condition 3.2 and Schedule B.

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

(3) Waste Types and Quantities

The applicant proposes to accept 5005 tonnes in the first year and to accept 5469 tonnes by the year 2005. The recommended PD allows the facility to accept a total of 5500 tonnes of waste per annum. This total consists of household waste (3300 tonnes), commercial waste (2195 tonnes) and hazardous waste (5 tonnes) as detailed in Schedule A. The PD allows for changes of the quantity of household waste and commercial waste provided that the total annual tonnage of waste is not exceeded. The applicant estimates that the initial annual waste intake of 5000 tonnes will consist of 4000 tonnes of waste for disposal and 1000 tonnes of recyclable waste. The PD limits the use of the facility to private individuals and light commercial vehicles as proposed by the applicant (Condition 5.1).

Bags of municipal waste will be placed in a hopper that will feed into the compactor. The compacted waste will be compacted into an 85 m³ steel ejector trailer attached directly to the compactor and then transferred off site for disposal. Containers will be provided for collection of the following waste: glass, glass bottles, aluminium cans, paper, cardboard, plastics, textiles, timber, DIY waste, construction and demolition waste, green waste, tyres, scrap metals, white goods, electronics, fluorescent tubes, batteries and accumulators, waste oils, oil filters and household hazardous waste such as paints, agrochemical wastes and household chemicals (Schedule A).

Waste acceptance hours: 8.00 to 17.00 Monday to Saturday inclusive.

Hours of operation: 8.00 to 18.00 Monday to Saturday inclusive.

(4) Emissions to Air

Noise monitoring carried out by the applicant indicates that the background noise levels at the nearest residences on the eastern side of the facility are in excess of 55 dBA during the day. The applicant states that the main noise impact can be attributed to traffic as the site is close to the M4. Condition 8.1 and Schedule D set the

requirements for noise monitoring. The noise emission limit values to be measured at any noise sensitive location are set in Schedule C.

Dust monitoring is required under Condition 8.1 and Schedule D of the PD. Dust emission limit values are set out in Schedule C. Condition 7 of the recommended PD requires the dust control measures to be carried out.

Condition 7.4 of the PD requires removal of waste for disposal within forty eight hours of its arrival (for Bank Holiday weekends seventy two hours) to avoid odour nuisances.

The applicant proposes to store green waste on site in skips and shred this waste when the skip is full. Daily odour monitoring is required at the area designated for collection of green waste (Condition 8.7) to control the odour nuisances related to storage of green waste.

(5) Emissions to Groundwater

All areas of the facility shall be paved. Flexible pavement will be used for areas with vehicle movement and reinforced concrete slabs will be used in areas with storage/handling of waste (Condition 3.5 of the PD).

No fuel will be stored at the facility. If in the future, the applicant wishes to store fuel at the facility, then this storage area will require bunding (Condition 3.11).

Condition 6.4 specifies that there shall be no direct emission to groundwater.

(6) Emissions to Sewer

A Section 52 consent has been obtained from Kildare County Council. The wastewater from toilets, canteen and container cleaning as well as surface water run-off from areas with storage and processing of waste will be discharged to the local sanitary authority foul sewer (Condition 3.12).

Condition 6.6 sets the requirements for emission to sewer. Monitoring requirements are set under Condition 8.1 and Schedule D. Wastewater management is as per Condition 5.4 of the PD.

(7) Emissions to Surface Waters

Two drainage ditches lie on the western and north eastern boundaries of the site and both flow to a tributary of the Royal Canal. The facility will discharge uncontaminated surface water run-off to the western drainage ditch via Class I full retention interceptor (Condition 3.12 of the recommended PD). Condition 6.3 of the PD set trigger levels for surface water discharges from the facility. Surface water monitoring carried out by the applicant indicate that there is good background water quality at the site. Surface water monitoring requirements are established under Schedule D. Emission limit values are set under Schedule C.

(8) Other Significant Environmental Impacts of the Development

None

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

This facility is not specifically referred to in the Kildare County Waste Management Plan. But the plan states that the council will arrange for the provision of a minimum of three dedicated Civic Amenity sites.

(10) Submissions

None

(11) Recommendation

I recommend that a licence be granted for Classes 11, 12 and 13 of the Third Schedule and Classes 2, 3, 4, 11, 12 and 13 of the Fourth Schedule as applied for in the application. Class 1 of the Fourth Schedule was refused, as the activity described does not come under this class but rather Class 2 of the Fourth Schedule.

I am satisfied, on the basis of the information available, that the waste activity, or activities, licensed hereunder will comply with the requirements of Section 40(4) of the Waste Management Act, 1996.

Signed _____

Dated:

Name Pernille Hermansen, Inspector
Environmental Management and Planning

APPENDIX 1

LOCATION PLAN

1. Fig. B.2.2 *Site Plan*
2. Drawing 2001-114-06-002 Rev. C *Existing Site Survey & Proposed Civic Amenity Layout*