



## OFFICE OF LICENSING & GUIDANCE

### INSPECTORS REPORT ON A LICENCE APPLICATION

<b>To:</b>	DIRECTORS	
<b>From:</b>	MAEVE MCHUGH	<b>- LICENSING UNIT</b>
<b>Date:</b>	15 AUGUST 2006	
<b>RE:</b>	APPLICATION FOR A WASTE LICENCE FROM KERRY COUNTY COUNCIL, LICENCE REGISTER 225-1	

#### Application Details

Type of facility:	Civic Amenity Facility
Class(es) of Activity ( <b>P</b> = principal activity):	3 <sup>rd</sup> Schedule: 12 (P), 13. 4 <sup>th</sup> Schedule: 2, 3, 4, 13.
Quantity of waste managed per annum:	12,744 tonnes
Classes of Waste:	Mixed household waste, dry recyclables, garden waste, WEEE, household hazardous waste
Location of facility:	Flemingstown, Lispole, An Daingean, Co. Kerry
Licence application received:	25/11/05
Third Party submissions:	None
EIS Required:	No
Article 14 Notices sent:	05/04/06
Site Inspection:	20/01/06

### Facility

The location of the proposed Civic Amenity Site is a previously undeveloped site at Flemingstown, Lispole, 4km east of An Daingean. The applicant is Kerry County Council. The facility will provide an amenity for the area for the deposit of a variety of materials for recycling and recovery consisting initially of approximately 2200 tonnes per annum (tpa), as well as mixed household waste for disposal - approximately 4125 tpa. The applicant foresees a 3% per annum increase in the quantities to be dealt with at the facility bringing the overall total, based on a 25 year operational lifespan, to approximately 12,744 tpa. The proposed hours of operation are 8.00am – 5.30pm four days per week, 8.00am – 7.30pm one day per week and 8.00am – 1.30pm on Saturdays and the facility is to close on Sundays and Bank Holidays. It is

proposed that the facility will employ three permanent members of staff, including a caretaker who will remain on site during operational hours.

The site adjoins the northern part of the N86 national road and a third class road, which serves the village of Flemingstown, also forms a boundary of the site. There is a commercial garage situated close by, two detached private houses lie within 150m of the site, two are 300 and 400m from the site boundary respectively and several more local houses are situated >500m from the site boundary.

### **Infrastructure & Operational Description**

The facility is to be constructed on two levels. Users of the facility will have access to the upper level where they can place their waste for into receptacles provided. Only approved contractors accessing these receptacles to remove waste will access the lower level. Waste types to be accepted will include the following: household mixed waste for disposal, paper and cardboard, tetrapaks, textiles, metals, timber, household construction and demolition waste, waste electronic and electrical equipment, glass, plastic bottles and aluminium cans. Acceptable household hazardous waste will include waste edible oil and fat, fluorescent tubes, paints, batteries etc. Refuse vehicles and specialist recyclers arriving at the facility to collect waste will be weighed and recorded upon entry and exit of the facility. Compactors will be used for the handling of waste such as household waste and cardboard. Once compacted waste will be stored in sealed containers. The applicant proposes that waste such as C&D waste, dry recyclables and wood will not be stored at the facility for a period of longer than three months and the maximum timeframes for storage of such wastes are controlled by Conditions 3.21.10 and 3.21.11 of the RD.

A site office, a wheelwash, a waste inspection area and a separate building for household hazardous waste will be provided at the facility.

### **3. Use of Resources**

Plant to be used onsite such as a backhoe loader will run on diesel fuel. The compactors, lighting, weighbridge etc will run on electricity. An existing water main runs along the main road adjacent to the site and will service the facility. Mains sewer will not service the facility. Energy efficiency has been considered in the design of the facility including measures such as the use of energy efficient equipment, passive infrared sensors and compact fluorescent lights. The RD requires the licensee to carry out an audit of the energy efficiency of the site and, as a result, to identify improvements which should then be incorporated into the Schedule of Objectives and Targets.

### **4. Emissions**

#### **4.1 Emissions to Atmosphere**

##### **Dust**

Background dust levels were monitored at four locations (within the proposed facility boundary) as part of the application and ranged between 146 and 207 mg/m<sup>3</sup>/day. The RD requires dust monitoring on an annual basis. Activities at

the facility, such as the handling of mixed waste and garden waste, could give rise to some dust. Almost the entire site is to be paved however and compacted waste is to be stored in sealed containers and these measures, along with good housekeeping practices should minimise dust emissions.

#### Odour issues

Waste for disposal should be compacted within twelve hours of acceptance at the facility and, once compacted should be stored in sealed containers. All compacted mixed waste for disposal or any waste with a potential to generate odour nuisance should be removed from the facility within forty-eight hours of being accepted at the facility, with the exception of bank holidays, when a limit of seventy-two hours will apply.

#### 4.2 Emissions to Sewer

There are no proposed emissions to sewer from the facility.

#### 4.3 Emissions to Surface Waters

There are no proposed discharges of process emissions to surface waters.

#### 4.4 Storm Water Runoff

Runoff from areas of the site not used for the handling and storage of waste will discharge via a Class 1 full retention interceptor, to a perimeter drain and ultimately to the Garfinney River. Household hazardous waste will be stored within a bunded area. (The applicant does not propose to store fuels onsite but as a precautionary measure Condition 3.5 of the recommended decision requires that any fuels stored onsite should be within a bunded area). The RD required the licensee to maintain a supply of absorbent materials in case of a spillage. Sampling was carried out in November 2005 to determine background surface water quality. The parameters monitored were pH, BOD, suspended solids, total phosphorous, ammonia, nitrate, nitrite, and molybdenum reactive phosphorus.

#### 4.5 Emissions to ground/groundwater:

All waste handling and storage areas will be paved. Runoff from these areas will be diverted to an onsite wastewater treatment system, which, as a requirement of the RD shall satisfy the criteria set out in the Wastewater Treatment Manual, Treatment Systems for Single Houses, published, by the Agency.

#### 4.6 Noise:

Background noise monitoring at four noise sensitive locations identified traffic on the N86 as generally dominant in the local noise environment.  $L_{Aeq}$  (30) measurements ranged from 36 to 56 dB, rising with increased proximity to the main road.

Noise emissions from the operation of the facility would mainly arise from the operation of the waste compactors, traffic to and from the site as well as from the operation of any plant proposed to be used on site such as a backhoe loader. Such noise generating activities will generally only take place during

normal hours of operation of the facility and are considered unlikely to contribute to nuisance in the local noise environment, in view of the location of the site adjacent to the main road. Schedule B4 of the RD specifies noise emission limit values for the facility.

#### 4.7 Nuisance:

Condition 5.4 of the recommended decision require that the licensee puts in places measure to ensure that vermin, birds, litter etc do not give rise to nuisance.

### **5. Cultural Heritage, Habitats & Protected Species**

There are a number of designated sites around the peninsula in the vicinity of An Daingean. The two closest sites are described here. Firstly the site of the proposed development adjoins the northern flank of the N86 road and almost directly to the south adjoining the same road lies the site of a Natural Heritage Area (NHA) of Short Strand. Almost 3kms to the north of the site is a large area designated as both NHA and Special Area of Conservation (SAC). This area comprises the mountainous central part of the peninsula lying north of the N86 Tralee to Dingle road. There will be no significant emissions from the facility, which could give rise to adverse effects in designated sites.

### **6. Waste Management, Air Quality and Water Quality Management Plans**

Counties Limerick, Clare and Kerry incorporating the Local Authorities of Limerick County Council, Limerick Corporation, Clare County Council and Kerry County Council have jointly prepared a Waste Management Plan, which was adopted in September 2001. The plan sets out waste management policy for a period of 25 years and includes for the planning, regulation, collection, recycling, recovery and disposal of wastes in accordance with national and EU legislation and policy. National policy sets out waste recycling and recovery targets and it is thought that the introduction of this new proposed Civic Amenity facility will contribute to the achievement of these targets.

### **7. Compliance with Directives/Regulations**

In assessing the application regard was had to the draft *BAT Guidance Notes for the Waste Sectors: Transfer Activities*. The Seveso II Directive is not applicable to this site. No list I or list II substances specified in the Annex to Council Directive 80/68/EEC are to be treated on site.

### **8. Fit & Proper Person Assessment**

The applicant is a Local Authority and the fit and proper person assessment is therefore not relevant.

### **9. Proposed Decision**

I am satisfied that the conditions set out in the RD will adequately address all emissions from the facility and will ensure that the carrying on of the activities in accordance with the conditions will not cause environmental pollution.

### **10. Submissions**

There were no submission made in relation to this application.

## **11. Charges**

The charges for the facility have been set at €3,133.50

## **12. Recommendation**

I have considered all the documentation submitted in relation to this application and recommend that the Agency grant a licence subject to the conditions set out in the attached RD and for the reasons as drafted.

Signed

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Maeve McHugh

### **Procedural Note**

In the event that no objections are received to the Proposed Decision on the application, a licence will be granted in accordance with Section 43(1) of the Waste Management Acts 1996-2005.