



OFFICE OF LICENSING & GUIDANCE

INSPECTORS REPORT ON A LICENCE APPLICATION

To:	Directors	
From:	Dr. Karen Creed	- LICENSING UNIT
Date:	18/01/2007	
RE:	APPLICATION FOR A WASTE LICENCE FROM GOFF RECYCLING LTD., BALLYGILLANE BIG/BALLYKNOCKAN, ST. HELENS, KILRANE, ROSSLARE HARBOUR, CO. WEXFORD, LICENCE REGISTER W0229-01	

Application Details

<p>Type of facility:</p> <p>Class(es) of Activity (P = principal activity):</p> <p>Quantity of waste managed per annum:</p> <p>Classes of Waste:</p> <p>Location of facility:</p> <p>Licence application received:</p> <p>Third Party submissions:</p> <p>EIS Required:</p> <p>Article 14 Notices sent:</p> <p>Article 14 compliance date:</p> <p>Site Inspection:</p>	<p>Waste Transfer Station</p> <p>3rd Schedule: 11, 12, 13</p> <p>4th Schedule: 2,3,4,13</p> <p>23,000 tonnes</p> <p>Household waste, commercial waste construction & demolition waste and WEEE (Waste Electrical & Electronic Equipment)</p> <p>Ballygillane Big/Ballyknockan, St. Helens, Kilrane, Rosslare Harbour, Co. Wexford</p> <p>19/04/2006</p> <p>Three</p> <p>No</p> <p>20/06/2006</p> <p>16/08/2006</p> <p>12/06/2006</p>
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1. Facility

Goff Recycling Limited is an existing facility, operating a waste collection and recycling service at Ballygillane Big/Ballyknockan, St. Helens, Kilrane, Rosslare Harbour, Co. Wexford. The site is located in an industrial area (Kilrane Business Park) approximately 5km south east of Rosslare town. The nearest sensitive receptor is a holiday home located approximately twenty meters from the site.

The applicant part owns/part leases the site. The leased area, covering 0.286 hectares, is used for the storage of vehicles and equipment. The applicant enclosed a letter of consent from the landowner for use of the land in conjunction with their waste management operation.

The facility has operated for the last two years under a waste permit (WP/04/12) issued by Wexford County Council. The applicant proposes to accept 23,000 tonnes per annum and has requested the following waste activities:

3rd Schedule; (11,12,13)

4th Schedule; (2,3,4,13)

The proposed hours of operation are 06.00 to 20.00 Monday to Friday and 08.00 to 13.00 on Saturdays. However, waste will only be accepted/despached between the hours of 08.00 and 18.00 Monday to Friday and 08.00 to 12.00 on Saturdays. The applicant has outlined two situations when it may be necessary to access the facility outside normal operating hours. These are as follows;

1. Delivery or collection of a waste container which due to customer operational constraints may not be possible to achieve during the hours of normal operation.
2. Essential repairs of waste handling plant may need to be carried out outside of normal working hours in order to ensure availability for the next period of waste handling.

The applicant states that both of these activities will generally take place between the hours of 20.00 and 24.00. The RD (Recommended Decision) has allowed for this and arrangements can be made to facilitate such contingencies subject to Agency agreement (Condition 1).

3. Operational Description

Condition 1.1 and Schedule A of the RD specify the waste types to be accepted at the facility. No hazardous waste is to be accepted at the transfer station. All waste entering the facility will be directed via a weighbridge to the waste handling area located inside the waste transfer building. Condition 8.10.2 requires written procedures for the acceptance and handling of all waste. All waste processing will be carried out indoors.

The main waste types, municipal solid waste and commercial wheelie bin waste, will be bulked into a trailer and transferred to landfill. All skip waste will be manually and mechanically segregated and the salvaged recyclables stored in the designated areas and any residual waste transferred to landfill.

The main segregated waste streams will include cardboard, metal, glass, paper, wood and plastic. Any hazardous waste encountered will be stored in an appropriate manner in the waste quarantine area and handled as per Condition 8.

The applicant also proposes to accept WEEE (Waste Electrical and Electronic Waste). The acceptance of this waste type is subject to S.I. No. 340 of 2005.

3. Use of Resources

Fuel is used for onsite plant, waste collection vehicles and heating. The applicant estimates that the waste collection vehicles consume most (85%) of the energy at the facility. They intend to minimise this consumption by a regular maintenance programme and fleet renewal. The amount of energy consumed by plant on site will also be minimised by regular maintenance and only turning on particular machines when there is sufficient waste to process. Condition 7 of the RD requires the applicant to carry out an energy audit and identify and implement the recommendations therein.

4. Emissions

4.1 Air

There are no point source emissions to atmosphere from this facility. The main emissions to atmosphere are fugitive dust and odour.

The principal sources of fugitive dust emissions from the facility are from the waste reception/handling buildings (Units 2 and 3). The applicant has proposed a number of measures to mitigate against this potential nuisance. These include storing construction and demolition waste indoors, using a road sweeper on the facility yard, sprinkling dusty waste and general good housekeeping measures. In addition, the RD has addressed potential dust nuisance by way of Conditions 3.24, 4.6, 5.7, 6.14, 6.17 and Schedules B5 and C6.

The applicant has proposed to handle all putrescible waste in Unit 3 and utilise de-odourising chemicals if necessary to eliminate any potential odours. The RD requires that all waste is handled indoors (Condition 8.9) and that a de-odourising misting system is employed (Condition 3.24.1.2). The RD further stipulates that fast action doors are installed on all entry/exit points of the waste transfer buildings and that these doors, where possible, are kept closed (Condition 3.24.1.1). In order to ensure that these measures are adequate, Goff Recycling Limited must submit a report detailing the effectiveness of the odour management system within six months of the commencement of the scheduled activity and implement any recommendations therein.

4.2 Emissions to Sewer

There are no process emissions to sewer. However, the applicant intends to connect to the local sewerage system to deal with sanitary effluent from the site. The treatment plant for this scheme has not been installed or commissioned to date. So in the interim, the RD stipulates that the applicant provide and maintain a Wastewater Treatment system at the facility for sanitary effluent arising on-site. This system must comply with Agency guidelines (Condition 3.10.).

4.3 Emissions to Surface Waters

There are no process emissions to surface water.

4.4 Storm Water Runoff

Stormwater runoff currently discharges via a Class 1 interceptor to a land drain. Goff Recycling Limited does not own the interceptor nor is it within their facility boundary. However, they have submitted written consent from the landowner giving them permission to connect to this stormwater drainage system. They also propose to install an interceptor within the facility boundary. Condition 3.18 of the RD requires this to be a Class 1 interceptor and additionally requires all stormwater runoff to pass through a silt trap.

The applicant proposes to store trade effluent from the waste processing buildings (Buildings 2 & 3) in a holding tank. The RD requires that transfer station floor washings, washings from the quarantine area and washings from containers containing putrescible waste are stored in this tank. This trade effluent is to be tankered off-site to an agreed wastewater treatment plant (Condition 3.10).

4.5 Emissions to ground/groundwater:

There are no direct emissions to ground or groundwater and the RD prohibits any such discharges (Condition 5.6). There are no boreholes at the facility and there are no private wells or boreholes within a 500meter radius of the site.

4.6 Wastes Generated:

All waste arising from the operation of the facility will be recovered where possible. All other wastes will be disposed of off-site.

4.7 Noise:

Goff Recycling Ltd., conducted a noise survey at six site boundary locations and at two noise sensitive locations (NSL). Daytime noise measurements at the site boundary locations ranged from 51.5 to 60.5 dBA. Measurements from both of the NSL's were in excess of these figures at 63.6 and 66.3 dBA. Most of the elevated readings were attributed to traffic on the road adjacent to the facility and background noise from other activities at the business park. The RD specifies noise limits at boundary locations in order to protect all of the lands outside the boundary. Condition 6.12 requires an annual noise survey.

4.8 Nuisance:

The applicant has proposed a number of measures to control potential nuisances. They include good housekeeping measures on site, handling waste inside the waste transfer building and covering waste skips. Measures to control possible nuisances at the facility are specified in the RD.

5. Cultural Heritage, Habitats & Protected Species

There are no recorded features of architectural, archaeological or historical importance within the site boundary. The site is not located on or adjacent to any ecologically designated area. There will be no significant environmental emissions from the facility, which could give rise to adverse effects in designated sites.

6. Best Available Techniques (BAT)

I have examined and assessed the application documentation and I am satisfied that the site, technologies and techniques specified in the application and as confirmed, modified or specified in the attached Recommended Decision comply with the requirements and principles of BAT. I consider the technologies and techniques as described in the application, in this report, and in the RD, to be the most effective in achieving a high general level of protection of the environment having regard - as may be relevant - to the way the facility is located, designed, built, managed, maintained, operated and decommissioned.

7. Compliance with Directives/Regulations

The facility does not fall under the scope of the Landfill or IPPC directives. In relation to the Groundwater Directive the facility will not have any direct emissions to groundwater.

8. Fit & Proper Person Assessment

The legal, technical and financial standing of the applicant qualifies them to be considered Fit and Proper Persons.

9. Submissions

There were three submission made in relation to this application. All three submissions were from Mr. Donal Garry, Ballygillane Big, Kilrane, Rosslare Harbour, Co. Wexford. Mr. Garry's concerns were in relation to odour and noise.

(i) *Odour*

The RD has stipulated a number of operational and infrastructural changes at the facility to mitigate against odour nuisance. These are outlined in detail in Section 4.1 above. The RD also requires Goff Recycling Limited to submit a report to the Agency, within six months of the commencement of the licensable activity, detailing the effectiveness of the odour management system on site. The licensee is obliged under Condition 3.25 to implement any recommendations arising from this report in a timeframe agreeable with the Agency.

(ii) *Noise*

Noise monitoring at the facility indicated exceedances in the noise limits specified in the RD. However, the proximity of the facility to the road and its position in an industrial estate could reasonably explain most of these exceedances. The RD specifies a number of conditions (4.5, 5.1, 6.12, 6.16.1) to protect all of the lands outside the boundary from noise nuisance and sets limits (Schedule B4) and regular monitoring requirements (Schedule C5) for the activity.

10. Charges

The RD requires that the applicant shall pay an annual contribution of €9,910.

11. 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 PD and for the reasons as drafted.

Signed

Dr. Karen Creed

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.