

# **South Dublin County Council**

**Green Waste Transfer Station,  
Esker Lane,  
Lucan.**

**Waste Licence Reg. No.W0228-01**

**Annual Environmental Report  
1<sup>st</sup> January 2008 – 31<sup>st</sup> December 2008**

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**Any other items specified by the Agency.**

## 1. Waste Management Record

The table below gives a month by month summary of waste accepted directly from householders at the Esker Green Waste Acceptance Facility.

*Weights in tonnes*

	<b>Accepted at Esker</b>
<b>January 2008</b>	89 tonnes
<b>February</b>	256
<b>March</b>	195
<b>April</b>	196
<b>May</b>	237
<b>June</b>	316
<b>July</b>	311
<b>August</b>	319
<b>September</b>	222
<b>October</b>	254
<b>November</b>	209
<b>December</b>	176
<b>Totals</b>	<b>2,925 tonnes</b>

## **2. Emissions from the facility.**

Waste Licence W0228-01 imposes the following conditions regarding emissions from the facility.

### ***B.1 Emissions to Air***

**There shall be no Emissions to Air of environmental significance.**

### ***B.2 Emissions to Water***

**There shall be no Emissions to Water of environmental significance.**

### ***B.3 Emission to Sewer***

<b><i>Parameter</i></b>	<b><i>ELV</i></b>
<i>Temperature</i>	<i>42°C max</i>
<i>pH</i>	<i>6 – 10</i>
<i>BOD</i>	<i>500 mg/l</i>
<i>COD</i>	<i>1,000 mg/l</i>
<i>SS</i>	<i>500 mg/l</i>
<i>Mineral oils</i>	<i>10</i>
<i>Fats, oils, grease</i>	<i>100</i>

### ***B.4. Noise limits***

**55 dB(A)      daytime**  
**45 dB(A)      night time**

***There shall be no clearly audible tonal component or impulsive component in the noise emission from the activity at any noise sensitive location.***

### ***B.5. Ambient air limits***

**Total dust deposition 240mg/m<sup>2</sup>/day**

No monitoring of emissions to air, water or sewer was carried out at the facility during 2008.

### **Note.**

The Esker Lane Green Waste Acceptance facility operated under a certificate of registration up to the date of granting of waste licence W0228-01 in August 2007 by the EPA. The facility has never increased the amount of green waste received and therefore the waste licence has never been required. South Dublin County Council made application to the EPA in March 2008 to surrender waste licence W0228-01, and made application at the same time for a new certificate of registration for the facility. Both applications are still awaiting decisions. The Council submitted additional information on 30 May 08 as was required by the Agency at that time. A submission was also made by the Council in April 2008 in response to the request from the EPA for submission of an AER for the facility, and for a submission under the PRTR Regulations. All the information mentioned above is attached herewith as appendices to this submission.



### **11. Energy efficiency audit report summary**

No assessment of energy efficiency was carried out at the facility during 2008.

Energy consumption takes place under two headings only –

- a. fuel to operate on site vehicles, and
- b. electrical power consumption in the on site buildings.

### **12. Report on the assessment of the efficiency of use of raw materials in processes and the reduction in waste generated.**

No processing occurs on this site and therefore no raw materials are used in any processing. Therefore no such assessment of the use of raw materials has been carried out on the site for this reason

### **13. Report on progress made and proposals being developed to minimise water demand and the volume of trade effluent discharge.**

All water used on site in the operation of acceptance and transfer of green waste is rain water which is harvested through an on-site collection and storage system. Only water required for sanitary and canteen uses is taken from water mains.

### **14. Development / Infrastructural works summary (completed in previous year or prepared for current year).**

No site development or infrastructural works were carried out on the site in 2007.

No site development or infrastructural works were proposed to be carried out on the site in 2008.

### **15. Reports on financial provision made under this licence, management and staffing structure of the facility, and a programme for public information.**

Waste Licence W0228-01 includes the following condition regarding environmental liability :

*The licensee shall as part of the AER provide an annual statement as to..... the financial provisions in place in relation to the underwriting of costs for remedial actions following anticipated events (including closure) or accidents/incidents, as may be associated with the carrying on of the activity.*

As the facility has not operated under the terms of the waste licence the issue of environmental liability has not been addressed in the manner as required in the licence.

Staffing structure is 3 general staff on site at all times, working under instruction from a supervising inspector who is on site part-time only.

The South Dublin County Council website [www.southdublin.ie](http://www.southdublin.ie) provides all information regarding this facility to members of the public. As the transfer operation at the site has not changed no additional awareness measures have been implemented.