

South Dublin County Council

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

Waste Licence Reg. No.W0228-01

**Annual Environmental Report
1st January 2009 – 31st December 2009**

Contents

Emissions from the facility.

Waste management record.

Resource consumption summary.

Complaints summary.

Schedule of Environmental Objectives and Targets.

Environmental management programme – report for previous year.

Environmental management programme – proposal for current year.

Noise monitoring report summary.

Ambient monitoring summary.

Tank and pipeline testing and inspection report.

Reported incidents summary.

Energy efficiency audit report summary.

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

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

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

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

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

	Accepted at Esker
January 2009	81 tonnes
February	154
March	252
April	254
May	250
June	352
July	353
August	234
September	228
October	281
November	173
December	222
Totals	2,834 tonnes

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

<i>Parameter</i>	<i>ELV</i>
<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/m²/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 subsequent to the granting of the waste licence. 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.

3. Resource consumption summary.

Diesel to fuel on site vehicles

Electricity consumption

Water consumption Via rain water harvesting system

None of the above are measured at present, therefore consumption cannot be quantified.

4. Schedule of Environmental Objectives and Targets.

As outlined above the facility operated under the terms of a certificate of registration until August 2007. Subsequently an application was made in March 2008 for surrender of this waste licence. The facility closed to the public on 31 December 2009 and accordingly no such environmental targets or objectives have been identified for 2010.

5. Environmental management programme – report for previous year.

The licensee applied to surrender the waste licence for this facility in March 2008. The application is currently being considered by the Agency, and a closure audit has been requested as part of this process. For these reasons no environmental management programme has been put in place for the facility.

6. Environmental management programme – proposal for current year.

Waste licence W0228-01 states that the licensee should put in place an Environmental Management Programme within 6 months of the date of grant of the licence. As an application was made to the Agency in March 2008, approximately 6 months after the grant of licence, to surrender the waste licence for the facility no such Environmental Management Programme has ever been developed.

7. Noise monitoring report summary.

No noise monitoring was carried out at the facility during the 2009 year.

8. Ambient monitoring summary.

No monitoring of ambient air quality was carried out at the facility during 2009.

9. Tank and pipeline testing and inspection report.

No testing of storage tanks or pipelines was carried out during 2009.

10. Reported incidents summary

The on site log for recording of incidents shows that no significant incidents were reported as having taken place at the facility during 2009.

The on site log for recording of complaints shows that no complaints were received at the facility during the 2009 period.

11. Energy efficiency audit report summary

No assessment of energy efficiency was carried out at the facility during 2009.

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 2009.

The Agency has requested that a closure audit be carried out for the facility. The licensee has engaged Patel Tonra to carry out this audit. Following submission of the audit report and approval by the Agency the Council will carry out whatever works may be required by the Agency to facilitate surrender of the waste licence.

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 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.