

CARRICK-ON-SHANNON LANDFILL WASTE LICENCE 64-1

ANNUAL ENVIRONMENTAL REPORT

1.Reporting Period

1st January 2011 – 31st December 2011

2.Waste Activities Carried out at the Facility

Condition 5.1 of Waste Licence 64-1 states that no wastes shall be disposed of at the facility.

3.Quantity and Composition of Waste Received disposed of and recovered during the reporting period and each previous year.

No waste was received or disposed of at this facility as per condition 5.1 of Waste Licence 64-1.

4.Calculated Remaining Capacity of the Facility and the Year in which Final Capacity is expected to be reached.

This facility closed on the 24th May 2002 and the rehabilitation was substantially complete before the 31st December 2004.

5.Methods of Deposition of Waste

This facility closed on the 24th May 2002.

The construction and demolition waste used in the restoration of the activity was deposited using excavators, truck machines and dozers.

6.Summary Report on Emissions

The facility is closed since 2002.

7.Resource and Energy Consumption Summary

There was no resource or energy consumption associated with waste activities at this site during the reporting period. The facility is closed.

8.Proposed Development of the Facility and Timescale of such Development

Leachate Management System

The leachate management control system involves a leachate collection system which discharges by gravity to a sump on the Eastern side of the landfill where it

is pumped via a rising main to an existing foul sewer pumping station at "Oaklands" from where it is pumped to Carrick-on-Shannon wastewater treatment plant.

9.Report on restoration of the facility

Rehabilitation works at this facility are complete.

10. Volume of leachate produced and volume transported/discharged off-site

Not available

11.Report on development works undertaken during the reporting period, and a timescale for those proposed during the coming year.

The site is closed since 2002. Please see item 8 in relation to the leachate works.

12.Site survey showing existing levels of the facility at the end of the reporting period

Drawing NO. ENV/04/003 dated 20th September 2004 shows the outline of the mound and a typical cross section of the final shape of the covered landfill. This drawing was forwarded to the Agency on 25th October 2004.

13.Estimated annual and cumulative quantities of landfill gas emitted from the facility

Approval was granted by the EPA for a passive landfill gas venting system, as there were insufficient gas volumes to sustain a flaring system. Methane and Carbon Dioxide are measured in concentration % v/v. However it is not possible to obtain accurate flow data so as provide an estimate of annual and cumulative quantity of landfill gas emitted from the facility.

14.Estimated annual and cumulative quantity of indirect emissions to groundwater

No data available. Please see attached spreadsheet, which trends concentration results for various parameters required to be monitored and analysed as per Waste Licence 64-1.

15.Monthly water balance calculation and interpretation

No data available. Site closed since 2002.

16.Full title and written summary of any restoration and monitoring procedures developed by the licensee in the year which relates to the facility operation

There were no new procedures developed during the reporting period.

Tank, pipeline and bund testing and inspection report

The installation of the leachate collection system and manholes has been constructed in accordance with the landfill design manual.

All pipeline works were checked and approved by Leitrim County Council Engineering Staff and supervised at all times by the site executive civil technician. There are no tanks or bunds at the facility.

12. Reported Incidents and Complaints Summaries

Leitrim County Council did not receive any complaints in relation to Carrick landfill during this AER reporting period 2011 and there were no reportable incidents in this period.

13. Review of Nuisance Controls

There have been no complaints during the reporting period in relation to nuisance from birds, rodents etc. at this facility.

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

Leitrim County Council has provided all finances to carry out the works required in the license for the rehabilitation of Carrick landfill to date. Budgetary provision has been made to allow for the monitoring of the facility in accordance with the requirements of the license.

Other items Specified by the Agency

There are no other items specified by the Agency for inclusion in this Report