

**MOHILL LANDFILL  
WASTE LICENCE W0065-01  
ANNUAL ENVIRONMENTAL REPORT 2012**

**1. Reporting Period**

1<sup>st</sup> January 2012 – 31<sup>st</sup> December 2012

**2. Waste Activities Carried out at the Facility**

The facility is licensed under the Waste Management Acts 1996 to 2003 under Class 1, 4, and 13 of the third Schedule and Class 13 of the fourth Schedule of the 1996 Act. The disposal of municipal waste and non-hazardous industrial wastes ceased on 30<sup>th</sup> April 2002. Selected soil and boulder clay waste only from local construction projects was used in the capping and restoration of the landfill.

A Civic Amenity Recycling Facility has been built on a site between the public road and the landfill and is fully operational. This recycling centre is open to the public on Wednesdays and Saturdays and provides a full range collection of household recyclables.

**3. Quantity and Composition of Waste Received for capping/restoration during the reporting period and each previous year.**

No municipal waste and non-hazardous industrial waste was received or disposed of at this facility as per condition 1.4 of Waste Licence W0065-01 during the reporting period.

No clays were used as capping in the reporting period. Capping completed in the previous reporting period.

**4 and 5. Summary Report on Emissions and Summary of results and interpretation of environmental monitoring**

This facility is closed since 30<sup>th</sup> April 2002

**6. Resource and Energy Consumption Summary**

There was no resource or energy consumption associated with waste activities at this landfill site during the reporting period. The Civic amenity site is connected to mains ESB supply for the day to day running of the recycling activity.

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

The leachate collection system is complete and piped to the Mohill town foul sewer.

**8. Report on restoration of the facility**

Restoration works completed in 2006.

**9. Estimated annual and cumulative quantity 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 to provide an estimate of annual and cumulative quantity of landfill gas emitted from the facility. Landgem Gas emission Model, version 3.02 was used instead.

**10. 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.

**11. Tank, pipeline and bund testing and inspection report**

The installation of the leachate collection system and manholes was 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 Mohill landfill during this AER reporting period 2008 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.

**14. Report on training of staff**

Given that the facility is not operational a formal training programme is not in place. The Civic Amenity site or recycling centre is now fully operational and a comprehensive training programme has been provided for the operator.

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

Leitrim County Council have budgeted to allow for monitoring of the landfill in accordance with the requirements of the license. Staff resources are allocated towards carrying out and overseeing this work

**16. Other items Specified by the Agency**

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



Guidance to completing the PRTR workbook

# AER Returns Workbook

REFERENCE YEAR 2012

## 1. FACILITY IDENTIFICATION

Parent Company Name	Leitrim County Council
Facility Name	Mohill Landfill
PRTR Identification Number	W0065
Licence Number	W0065-01

Waste or IPPC Classes of Activity	
No.	class name
3.1	The initial melting or production of iron and steel
3.13	Storage prior to submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where the waste concerned is produced.
3.4	#####
4.13	Storage of waste intended for submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where such waste is produced.
Address 1	Tullybardan
Address 2	Mohill
Address 3	Co Leitrim
Address 4	
Country	Ireland
Coordinates of Location	-7.8642 53.9265
River Basin District	GBNIIENW
NACE Code	3821
Main Economic Activity	Treatment and disposal of non-hazardous waste
AER Returns Contact Name	Sean Scott
AER Returns Contact Email Address	sscott@leitrimcoco.ie
AER Returns Contact Position	Environmental Enforcement Officer
AER Returns Contact Telephone Number	0719620005
AER Returns Contact Mobile Phone Number	
AER Returns Contact Fax Number	
Production Volume	0.0
Production Volume Units	
Number of Installations	0
Number of Operating Hours in Year	0
Number of Employees	1
User Feedback/Comments	
Web Address	

## 2. PRTR CLASS ACTIVITIES

Activity Number	Activity Name
50.1	General
50.1	General

## 3. SOLVENTS REGULATIONS (S.I. No. 543 of 2002)

Is it applicable?	No
Have you been granted an exemption?	
If applicable which activity class applies (as per Schedule 2 of the regulations)?	
Is the reduction scheme compliance route being used?	

## 4. WASTE IMPORTED/ACCEPTED ONTO SITE

Guidance on waste imported/accepted onto site

Do you import/accept waste onto your site for on-site treatment (either recovery or disposal activities)?	No
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This question is only applicable if you are an IPPC or Quarry site

4.1 RELEASES TO AIR

[Link to previous years emissions data](#)

UNITED KINGDOM (2018) - ANNEX II (GHG) - EMISSIONS (2018) - 2018 (2018) (2018) (2018)

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SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

POLLUTANT		METHOD			QUANTITY			
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
						0.0	0.0	0.0
						0.0	0.0	0.0

Please enter all quantities in this section in KGs

\* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION B : REMAINING PRTR POLLUTANTS

POLLUTANT		METHOD			QUANTITY			
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
03	Carbon dioxide (CO2)	C	OTH	Landgem US EPA package 2005 version 3.2	344900.0	344900.0	0.0	0.0
01	Methane (CH4)	C	OTH	Landgem US EPA package 2005 version 3.2	125700.0	125700.0	0.0	0.0

Please enter all quantities in this section in KGs

\* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION C : REMAINING POLLUTANT EMISSIONS (As required in your Licence)

POLLUTANT		METHOD			QUANTITY			
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
						0.0	0.0	0.0

Please enter all quantities in this section in KGs

\* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

Additional Data Requested from Landfill operators

For the purposes of the National Inventory on Greenhouse Gases, landfill operators are requested to provide summary data on landfill gas (Methane) flared or utilised on their facilities to accompany the figures for total methane generated. Operators should only report their Net methane (CH4) emission to the environment under T (total) KG/yr for Section A: Sector specific PRTR pollutants above. Please complete the table below:

Landfill: Please enter summary data on the quantities of methane flared and / or utilised	Mohil Landfill				
	T (Total) kg/Year	M/C/E	Method Code	Designation or Description	Facility Total Capacity m3 per hour
Total estimated methane generation (as per site model)	125700.0	C	Oth	Landgem US EPA package 2005 version 3.2	N/A
Methane flared	0.0				0.0 (Total Flaring Capacity)
Methane utilised in engine/s	0.0				0.0 (Total Utilising Capacity)
Net methane emission (as reported in Section A above)	125700.0	C	Oth	Landgem US EPA package 2005 version 3.2	N/A

4.2 RELEASES TO WATERS

[Link to previous years emissions data](#)

PRTRs - WWSR | Facility: [Name] | Licence: [Licence] | WWSR 2012-14 | Report Year: 2012

03/04/2014

**SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS**

Data on ambient monitoring of storm/surface water or groundwater, conducted as part of your licence requirements, should NOT be submitted under AER / PRTR Reporting as this only concerns Releases from your facility

POLLUTANT		RELEASURES TO WATERS			Please enter all quantities in this section in KGs			
No. Annex II	Name	M/C/E	Method Used		Emission Point 1	QUANTITY		
			Method Code	Designation or Description		T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
						0.0	0.0	0.0

\* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

**SECTION B : REMAINING PRTR POLLUTANTS**

POLLUTANT		RELEASURES TO WATERS			Please enter all quantities in this section in KGs			
No. Annex II	Name	M/C/E	Method Used		Emission Point 1	QUANTITY		
			Method Code	Designation or Description		T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
						0.0	0.0	0.0

\* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

**SECTION C : REMAINING POLLUTANT EMISSIONS (as required in your Licence)**

POLLUTANT		RELEASURES TO WATERS			Please enter all quantities in this section in KGs			
Pollutant No.	Name	M/C/E	Method Used		Emission Point 1	QUANTITY		
			Method Code	Designation or Description		T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
						0.0	0.0	0.0

\* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

4.3 RELEASES TO WASTEWATER OR SEWER

[Link to previous years emissions data](#)

PRTR# W0095 | Facility Name: Mohi Uddin | Program: W0095\_2017.xls | Report Year: 2012

15/02/2013 15:49

**SECTION A : PRTR POLLUTANTS**

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			QUANTITY			
No. Annex II	Name	M/C/E	Method Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
			Method Code	Designation or Description		0.0	0.0	0.0
						0.0	0.0	0.0

\* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

**SECTION B : REMAINING POLLUTANT EMISSIONS (as required in your Licence)**

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			QUANTITY			
Pollutant No.	Name	M/C/E	Method Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
			Method Code	Designation or Description		0.0	0.0	0.0
						0.0	0.0	0.0

\* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

**4.4 RELEASES TO LAND**

[Link to previous years emissions data](#)

[PRTR: W0005] Farm Name: Mchil Erwidil | Filenama : W0005\_2012.xls | Tahun: 2012

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**SECTION A : PRTR POLLUTANTS**

RELEASES TO LAND					Please enter all quantities in this section in KGs		
POLLUTANT		METHOD			QUANTITY		
No. Annex II	Name	M/C/E	Method Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year
			Method Code	Designation or Description			
					0.0	0.0	0.0

\* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

**SECTION B : REMAINING POLLUTANT EMISSIONS (as required in your Licence)**

RELEASES TO LAND					Please enter all quantities in this section in KGs		
POLLUTANT		METHOD			QUANTITY		
Pollutant No.	Name	M/C/E	Method Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year
			Method Code	Designation or Description			
					0.0	0.0	0.0

\* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

Waste Transfer Station (WTS) - Facility Name - Waste Landfill (Transfer) - W005A\_001 (Waste Transfer Station) 2012

Please enter all quantities on this sheet in Tonnes

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste: Name and Licence/Permit No of Next Destination Facility Non Haz Waste: Name and Licence/Permit No of Recover/Disposer	Haz Waste: Address of Next Destination Facility Non Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						MC/E	Method Used					
Within the Country	19 07 03	No	3650.0	landfill leachate other than those mentioned in 19 07 02	D8	E	Volume Calculation	Offsite in Ireland	Leitrim County Council ,D0277-01	Mohill, County Leitrim, ,,,Ireland		

\* Select a method from the dropdown menu for the Description of Waste (if applicable) and the Method Used

[Link to previous years waste data](#)

[Link to previous years waste summary data & percentage change](#)