WASTE RECOVERY SERVICES (FERMOY) LTD.

Licence No. W0107-01

ANNUAL ENVIRONMENTAL REPORT

2009

Prepared By: Adrian Dunlea.

Table of Contents

1 INTRODUCTION 3

1.1 REPORTING PERIOD 3

1.2 WASTE ACTIVITIES CARRIED OUT AT THE FACILITY 3

1.3 SITE INFRASTRUCTURE & DEVELOPMENT 4

1.3.1 Site Infrastructure 4

1.3.2 Waste Handling & Processing Capacity 4

1.4 WASTE TRANSFER AREA: 5

1.5 CONSTRUCTION & DEMOLITION AREA: 5

1.6 TIMBER SEGREGATION & SHREDDING AREA: 5

WASTE ACTIVITES 6

1.7 WASTE RECOVERED AT THE SITE 9

2 SUMMARY OF RESULTS AND INTERPRETATION OF ENVIRONMENTAL DATA 10

2.1 REVIEW OF NUISANCE CONTROLS 11

3 REPORTED INCIDENTS AND COMPLAINTS 11

4 RESOURCE AND ENERGY CONSUMPTION 12

5 ENVIRONMENTAL OBJECTIVES & TARGETS FOR 2009 13

6 ENVIRONMENTAL OBJECTIVES & TARGETS FOR 2010 14

7 NEW PROCEDURES PUT IN PLACE DURING 2009 15

8 MANAGEMENT AND STAFFING STRUCTURES 15

9 PUBLIC INFORMATION PROGRAMME 15

10 FINANCIAL PROVISION 15

LIST OF APPENDICES

Appendix No.	Content
Appendix I	Ground Water Monitoring Reports for 2009
Appendix II	Dust Monitoring Results for 2009
Appendix III	Noise Monitoring Report for 2009
Appendix IV	Bund Test Report for 2009

1 INTRODUCTION

1.1 Reporting Period

The following is the annual report (AER) for the period January 2009 to December 2009 for the Waste Transfer/Recycling Facility operated by Waste Recovery Services (Fermoy) Ltd. (WRS) at Cullenagh, Fermoy, Co Cork. The contents of this report are as specified in Schedule F of Waste licence W0107-01 granted on 18th of April 2002.

1.2 Waste Activities carried out at the facility

Waste Recovery Services (Fermoy) Ltd. are licenced by the Environmental Protection Agency to carry out waste activities in the operation of a non-hazardous waste transfer station. The facility is licensed to accept non hazardous waste (commercial, industrial and construction and demolition waste). Hazardous or liquid wastes are not accepted at this facility.

In pursuance of the powers conferred on it by the Waste Management Act, 1996, the Environmental Protection Agency (the Agency) under Section 40(1) of the said Act granted Waste Licence W107-01 to Waste Recovery Services (Fermoy) Limited to carry on the waste activities listed below at Cullenagh, Fermoy, Co. Cork subject to conditions contained in the licence. These activities are as specified in the third and fourth schedules of the Waste management Act, 1996 (see Tables 1.1 and 1.2).

Third Schedule

Class 12. Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule.

This activity is limited to the transfer of non-recoverable waste into jumbo skips for transfer to landfill.

Class 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.

This activity is limited to the temporary storage of non-recoverable wastes prior to dispatch to landfill.

Table 1.1 Licensed Waste Recovery Activities, in accordance with the Third Schedule of the Waste Management Act 1996

Fourth Schedule

Class 3. Recycling or reclamation of metals and metal compounds:

This activity is limited to the recovery and temporary storage of metal waste separated from waste accepted at the facility.

Class 4. Recycling or reclamation of other inorganic materials:
This activity is limited to the recovery and temporary storage of timber waste and of construction and demolition wastes accepted at the facility.

Class 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:

This activity is limited to the storage of materials on site prior to recovery at the facility or removal to a recovery facility off-site

Table 1.2 Licensed Waste Disposal Activities, in accordance with the Fourth Schedule of the Waste Management Act 1996

1.3 Site Infrastructure & Development

1.3.1 Site Infrastructure

The waste management facility comprises a site office, weighbridge, process sheds, workshop and temporary storage areas as well as a waste water and storm water management system. The operations section of the site is separated into 3 sections:

1. Waste transfer area.
2. Construction & Demolition area.
3. Timber Segregation & Shredding area.

1.3.2 Waste Handling & Processing Capacity

As outlined the site is divided into 3 No. Sections, with the processing capacity each of the 3 No. sections outlined in Tables 1.3, 1.4 and 1.5 below.

1.4 Waste Transfer Area:

Equipment Type	Equipment Use	Rate of Tonnes Per Hour	Daily Tonnage Capacity - 10 Hour Day >>	Weekly Processing Capacity - 6 Days a Week	Annual Processing Capacity 51 Weeks
Ejector Trailer / Walking Floor, Komatsu - 13 Tonne Excavator, New Holland Skid Steer S160	Loading & Sorting Waste, Transport of Waste Materials	20	200	1,200.00	61,200.00
		Tonnes	**Tonnes**	**Tonnes**	**Tonnes**

Table 1.3 Equipment in Waste Transfer Area

1.5 Construction & Demolition Area:

Equipment Type	Equipment Use	Rate of Tonnes Per Hour	Daily Tonnage Capacity - 10 Hour Day >>	Weekly Processing Capacity - 6 Days a Week	Annual Processing Capacity 51 Weeks
Extec – Finger Screener & LJH – Mobile Picking Station, Manitou Telescopic loader, Tipper Lorries	Screening Waste, Sorting & Segregating Waste. Loading & Sorting Waste. Transport of Waste Materials	40.00	400.00	2,400.00	122,400.00
		Tonnes	**Tonnes**	**Tonnes**	**Tonnes**

Table 1.4 Equipment in Construction & Demolition Area

1.6 Timber Segregation & Shredding Area:

Equipment Type	Equipment Use	Rate of Tonnes Per Hour	Daily Tonnage Capacity - 10 Hour Day >>	Weekly Processing Capacity - 6 Days a Week	Annual Processing Capacity 51 Weeks
2 Wood Shredders, One 14 Tonne Loader & 13 Tonne Excavator, Walking Floor.	Shredding, Loading Wood & Woodchip	20	240	1,440.00	73,440.00
		Tonnes	**Tonnes**	**Tonnes**	**Tonnes**

Table 1.5 Equipment in Timber Segregation & Shredding area

WASTE ACTIVITES

The waste categories and quantities which can be accepted at the Facility are outlined in Schedule A (Table 2) of the waste licence (See Table 2.1)

Waste Type	Maximum Tonnes Per annum
Commercial	3000
Industrial	1700
Construction and Demolition	1800
Total	**6500**

Table 2.1 Waste types and quantities permitted by waste licence

The types of wastes received and dispatched at the site during 2009 are outlined in Table 2.2.

EWC	Description of Waste	IN - Tonnes of Waste Received	OUT - Tonnes of Waste Dispatched	Name and Licence / Permit No. of Recoverer / Disposer / Broker
020104	Waste Plastic			
030105	Sawdust, Shavings, Cuttings, Wood, Particle Board & Veneer other than those mentioned in ..030104			
130208*	Other engine, gear and lubricating oils - Waste Oil			
150101	Paper & Cardboard Packaging			
	Paper & Cardboard Packaging			
	Paper & Cardboard Packaging			
	Paper & Cardboard Packaging			
	Paper & Cardboard Packaging			
150102	Plastic Packaging			
	Plastic Packaging			
	Plastic Packaging			
	Plastic Packaging			
150103	Wooden Packaging			
150106	Mixed Packaging			
150107	Glass Packaging			
160216	Components removed from discarded equipment other than those mentioned in160215			
160601*	Lead Batteries			
170107	Mixture of concrete, bricks, tiles & ceramics other than those mentioned in 170106			
170201	Wood			
170202	Glass			
170203	Plastic			
170401	Copper, Bronze, Brass.			
170402	Aluminium			
170403	Lead			
170407				
170411	Cables other than those mentioned in 170410*			
170504	Soil & Stones other than those mentioned in 170503			
	Soil & Stones other than those mentioned in 170503			
	Soil & Stones other than those mentioned in 170503			
170802	Plasterboard			
	Plasterboard			
	Plasterboard			

This information is commercially sensitive. If you require further details please contact Adrian Dunlea of Waste Recovery Services on 025-31055 with your name, company name, address and email and telephone numbers and we will respond to all queries within 14 Days.

EWC	Description of Waste	IN - Tonnes of Waste Received	OUT - Tonnes of Waste Dispatched	Name and Licence / Permit No. of Recoverer / Disposer / Broker
170904	Mixed Construction & Demolition Waste other than those mentioned in 170901,170902&170903			
170904	Mixed Construction & Demolition Waste other than those mentioned in 170901,170902&170903			
191207	Wood other than that mentioned in 19 12 06*			
	Wood other than that mentioned in 19 12 06*			
	Wood other than that mentioned in 19 12 06*			
191212	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11			
	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11			
	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11			
	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11			
	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11			
200110	Clothes			
200136	Discarded electrical and electronic equipment other than those mentioned in 200121,200123 and 200135.			
200138	Wood other than that mentioned in 200137			
200139	Plastics			
200139	Plastics			
200140	Metals			
200140	Metals			
200301	Mixed Municipal Waste			
200201	Biodegradable Waste / Green Waste			
200301	Mixed Municipal Waste			
200303	Street-cleaning residues			
200307	Bulky Waste			
NA	Woodchip & Pallets			
TOTAL:				

This information is commercially sensitive. If you require further details please contact Adrian Dunlea of Waste Recovery Services on 025-31055 with your name, company name, address and email and telephone numbers and we will respond to all queries within 14 Days.

Table 2.2 Wastes Received and Dispatched from the 1st January – 31st December 2009

1.7 Waste recovered at the site

This information is commercially sensitive. If you require further details please contact Adrian Dunlea of Waste Recovery Services on 025-31055 with your name, company name, address and email and telephone numbers and we will respond to all queries within 14 Days.

2 SUMMARY OF RESULTS AND INTERPRETATION OF ENVIRONMENTAL DATA

Foul Water Monitoring

Foul water monitoring is carried out at one location (FW-1), which is shown on Figure 2.1. FW-1 is taken from the foul water holding tank which contains water from the process shed. The holding tank is emptied regularly and the contents removed off site to Fermoy Waste Water Treatment Plant. The results of the monitoring conducted in 2009 were all below the emission limit values set in the Licence.

Groundwater Monitoring

Groundwater monitoring is carried out quarterly at five monitoring locations. BH-1 and BH-3 are groundwater monitoring wells located within the facility, the other wells monitored (O'Riordan, O'Leary and Coughlan) are private wells located in the vicinity of the facility. It is likely that BH-3 and O'Leary's are either upgradient of the facility or not in the same catchment; BH-1, Dunlea's and O'Riordan's are down gradient and Coughlan's is possibly side downgradient of the facility.

The Licence does not contain any ELVs or Trigger Levels for groundwater. For comparative purposes, the Table includes the EPA Interim Guideline Values (IGVs) on groundwater quality.

In Q1, the pH levels in all wells, with the exception of O'Riordans, were below the IGV range. The ammonia and potassium levels in BH-1 and O'Riordan's well exceeded the respective IGVs. Faecal coliforms were not detected in any of the wells. The high level of potassium in O'Riordan's well is attributed due to the use of potassium carbonate to neutralise the naturally occurring acidic groundwater, which also accounts for the normal pH in this sample.

In Q2 the pH levels in all wells, with the exception of O'Riordans, were below the IGV range. The ammonia and potassium levels in BH-1 and O'Riordan's well exceeded the respective IGVs. Faecal coliforms were not detected in any of the wells. .

In Q3, the pH in all the wells monitored were below the IGV range. The ammonia level in BH-1 exceeded the IGV, as did the potassium levels in BH-1 and the Dunlea's well. The total coliform levels in all five wells were above the IGV, while the faecal coliform levels were marginally above the IGV in BH-1, Dunlea's well and Coughlan's well.

In Q4, the pH levels in all wells, with the exception of O'Riordans, were below the IGV range. The ammonia and potassium levels in BH-1 and O'Riordan's well exceeded the respective IGVs and the

copper level in O'Leary's well also exceeded the IGV. The total coliform levels in all of the wells except Coughlans were within the ranges previously detected. Faecal coliforms were not detected in any of the wells.

Percolation Testing

The discharge to the percolation area is monitored for BOD, suspended solids and mineral. Due to damage to pump and weather conditions, monitoring was conducted on two of the four specified occasions in 2009. The monitoring confirmed that the emission complied with the ELVs set in the Licence.

See Monitoring Reports on appendix I.

Dust

Dust monitoring was carried out on three occasions at the three monitoring points specified in the Licence. The levels were all below the dust deposition limit set in the Licence.

See Monitoring Reports on appendix II

Noise

Noise monitoring was carried out annually at the monitoring points specified in the Licence. The noise levels complied with the ELV set in the Licence.

See Monitoring Reports on appendix III.

2.1 Review of nuisance controls

Nuisance controls are reviewed on weekly bases.

3 REPORTED INCIDENTS AND COMPLAINTS

There have been no reportable incidents or complaints received over the last 12 months from January 1st to December 31st 2009

4 RESOURCE AND ENERGY CONSUMPTION

The main resources consumed at the facility during the reporting period were electricity, diesel, and lubricants. A summary of the significant resources consumed is tabulated below (See Table 4.1 and Table 4.2) with a summary of the principal resource consumption.

Area of Use	**Purpose**	**Principal Resource Consumed**
Site Plant/Vehicles	Placement and processing of Waste	Diesel, Lubricants
Offices and Sheds	Management of Yard and The facility management	Electricity and Water

Table 4.1 Principal areas of energy and resources usage January 2009 – December 2009

Resource	**Consumption for Reporting Period '2009**	**Consumption for previous year '2008**	**Increase / Decrease (%)**
Site Management			
Electricity	71,852 Units	39,584 Units	32,268 Units (81.52%)
Site Plant / Vehicles			
Diesel	221811.32 litres	224101.45 litres	2,290.13 litres (-1.02%)
Lubricants	3200 litres	3538 litres	- 338 litres (-9.55%)

Note: There was an increase in electricity usage due additional welding and maintenance of plant & equipment.

Table 4.2 Available data on quantities of Energy and Resources used for January 2009 – December 2009

5 ENVIRONMENTAL OBJECTIVES & TARGETS FOR 2009

Project	Status
1. Dust Emissions / Monitoring	On going
2. Noise Emissions / Monitoring	On going
3. Ground Water / Monitoring	On going
4. Foul Water / Monitoring	On going
5. Submit an application for a waste licence review	Feb 2009 Completed

Table 5.1 Progress on Objectives for site improvement for 2009

6 ENVIRONMENTAL OBJECTIVES & TARGETS FOR 2010

Objective	Target	Responsibility	Timescale
Assess and reduce where possible all dust emissions.	Not to exceed 350 mg/m^2/day in order to reduce the possibility of causing dust deposition nuisance beyond site boundary.	Adrian Dunlea	Ongoing
Assess and reduce where possible all site noise emissions.	Not to exceed 55 db(a) L_{AEq} (30 minutes) during day time and not to exceed 45 db(a) L_{AEq} (30 minutes) during night at noise monitoring locations in order to reduce the possibility of causing noise nuisance at noise sensitive locations beyond the site boundary.	Adrian Dunlea	Ongoing
Assess and monitoring groundwater quality at the site and in the immediate vicinity of the site	No pollution of groundwater due to site activities.	Adrian Dunlea	Ongoing
Assess and monitoring waste water emissions from the site.	Compliance with emission limits as required by schedule C4 of W0107-01.	Adrian Dunlea	Ongoing
Install a security barrier	To improve security onsite	Adrian Dunlea	Sept 2010
Crush Stock Pile of Rubble (Concrete Blocks, Stones etc)	To create a product for various uses in construction projects etc	Adrian Dunlea	June 2010

Table 6.1 Objectives and Targets for 2010

7 NEW PROCEDURES PUT IN PLACE DURING 2009

No new procedures were put in place during 2009

8 MANAGEMENT AND STAFFING STRUCTURES

The management and staffing structures in place at WRS (see Figure 7.1) ensures clear communication of environmental policy and responsibility for environmental management on-site. A critical part of this management system is the provision of health and safety and environmental training to all staff members to ensure that all staff members from management to operatives are aware of their responsibilities and best practice to ensure the firm meets its environmental obligations.

Position	Name
General Manager	John Dunlea
Facility Manager / Site Manager / Environmental Manager	Adrian Dunlea
Deputy Facility Manager / Administration / Logistics	Shane Dunlea
Logistics	Ronan Dunlea

Table 8.1 Management and staffing structures at Waste Recovery Services (Fermoy) Ltd.

9 PUBLIC INFORMATION PROGRAMME

WRS have developed and implemented a communications procedure as part of the site EMS. In accordance with condition 2.4 of the waste licence, this procedure ensures that members of the public can obtain relevant information, at all reasonable times, concerning the environmental performance of the facility.

10 FINANCIAL PROVISION

An environmental liabilities risk assessment and site closure report have been prepared and submitted to the Agency. These reports contain proposals for financial provision which have been agreed by the Agency.

_____

Adrian Dunlea

Environmental Manager

Waste Recovery Services (Fermoy) Lt

Environmental Protection Agency

AER Returns Worksheet

Version 1.1.10

REFERENCE YEAR	2009

1. FACILITY IDENTIFICATION

Parent Company Name	Waste Recovery Services (Fermoy) Ltd.
Facility Name	Waste Recovery Services (Fermoy) Limited
PRTR Identification Number	W0107
Licence Number	W0107-01

Waste or IPPC Classes of Activity

No.	class_name
4.3	Recycling or reclamation of metals and metal compounds.
3.12	Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule.
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.
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.
4.4	Recycling or reclamation of other inorganic materials.

Address 1	Cullenagh
Address 2	Fermoy
Address 3	County Cork
Address 4	
Country	Ireland
Coordinates of Location	-8.30669 52.1138
River Basin District	IESW
NACE Code	3832
Main Economic Activity	Recovery of sorted materials
AER Returns Contact Name	Adrian Dunlea
AER Returns Contact Email Address	a.dunlea@wrs.ie
AER Returns Contact Position	Environmental Manager
AER Returns Contact Telephone Number	025-31055
AER Returns Contact Mobile Phone Number	087-6957668
AER Returns Contact Fax Number	025-31528
Production Volume	0.0
Production Volume Units	
Number of Installations	0
Number of Operating Hours in Year	0
Number of Employees	0
User Feedback/Comments	
Web Address	

2. PRTR CLASS ACTIVITIES

Sheet : Facility ID Activities AER Returns Worksheet 12/8/2010 15:36

Activity Number	Activity Name
50.1	General
50.1	General

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

Is it applicable?	
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 ?	

4.1 RELEASES TO AIR

| PRTR# : W0107 | Facility Name : Waste Recovery Services (Fermoy) Limited | Filename : Completed AER PRTR W0107_2009.xls | Return Year : 2009 | 12/08/10 15:37

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

RELEASES TO AIR								
POLLUTANT		METHOD				QUANTITY		
			Method Used					
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

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

SECTION B : REMAINING PRTR POLLUTANTS

RELEASES TO AIR								
POLLUTANT		METHOD				QUANTITY		
			Method Used					
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

* 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)

RELEASES TO AIR								
POLLUTANT		METHOD				QUANTITY		
			Method Used					
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	0.0

* 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) KGyr for Section A: Sector specific PRTR pollutants above. Please complete the table below:

Landfill: Waste Recovery Services (Fermoy) Limited

Please enter summary data on the quantities of methane flared and / or utilised	T (Total) kg/Year	M/C/E	Method Used		Facility Total Capacity m3 per hour	
			Method Code	Designation or Description		
Total estimated methane generation (as per site model)	0.0				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)	0.0				N/A	

4.2 RELEASES TO WATERS

| PRTR# : W0107 | Facility Name : Waste Recovery Services (Fermoy) Limited | Filename : Completed AER PRTR W0107_2009.xls | Return Year : 2009 | 12/08/10 15:37

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

RELEASES TO WATERS								
POLLUTANT					QUANTITY			
			Method Used					
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

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

SECTION B : REMAINING PRTR POLLUTANTS

RELEASES TO WATERS								
POLLUTANT					QUANTITY			
			Method Used					
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

* 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)

RELEASES TO WATERS								
POLLUTANT					QUANTITY			
			Method Used					
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	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

| PRTR# : W0107 | Facility Name : Waste Recovery Services (Fermoy) Limited | Filename : Completed 12/08/10 15:37

8

SECTION A : PRTR POLLUTANTS

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER								
POLLUTANT		METHOD			QUANTITY			
			Method Used					
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
08	Ammonia (NH3)	C	oth	Calc from the volume of wastewater removed in 2009	4.432071	4.432071	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								
POLLUTANT		METHOD			QUANTITY			
			Method Used					
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
238	Ammonia (as N)	C	oth	Calc from the volume of wastewater removed in 2009	3.55322	3.55322	0.0	0.0
303	BOD	C	oth	Calc from the volume of wastewater removed in 2009	37.67712	37.67712	0.0	0.0
306	COD	C	oth	Calc from the volume of wastewater removed in 2009	67.64572	67.64572	0.0	0.0
314	Fats, Oils and Greases	C	oth	Calc from the volume of wastewater removed in 2009	1.16743	1.16743	0.0	0.0
308	Detergents (as MBAS)	C	oth	Calc from the volume of wastewater removed in 2009	0.02546	0.02546	0.0	0.0
240	Suspended Solids	C	oth	Calc from the volume of wastewater removed in 2009	2.98223	2.98223	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

| PRTR# : W0107 | Facility Name : Waste Recovery Services (Fermoy) Limited | Filename : Completed AER PRTR W0107_2009.xls | Return Year : 2009 12/08/10 15:37

SECTION A : PRTR POLLUTANTS

RELEASES TO LAND							
POLLUTANT		METHOD				QUANTITY	
			Method Used				
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) 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 POLLUTANT EMISSIONS (as required in your Licence)

RELEASES TO LAND							
POLLUTANT		METHOD				QUANTITY	
			Method Used				
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) 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

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE | PRTR# : W0107 | Facility Name : Waste Recovery Services (Fermoy) Limited | Filename : Completed AER PRTR W0107_2009.xls | Return Year : 2009 | 12/08/10 15:37

7

Transfer Destination	European Waste		Quantity (Tonnes per Year)		Waste Treatment	Method Used		Location of	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)
Within the Country	0											
Within the Country	0											
												Estate,
Within the Country	1											
Within the Country	1											
Within the Country	1											
Within the Country	1											
Within the Country	1											
Within the Country	1											
Within the Country	1											
Within the Country	1											
Within the Country	1											
Within the Country	1											
Within the Country	1											
Within the Country	1											
Within the Country	1											
Within the Country	1											
Within the Country	1											
Within the Country	1											
Within the Country	1											
Within the Country	1											
Within the Country	1											
Within the Country	1											
Within the Country	1											
Within the Country	1											
Within the Country	1											
Within the Country	1											
Within the Country	1											

This information is commercially sensitive. If you require further details please contact Adrian Dunlea of Waste Recovery Services on 025-31055 with your name, company name, address and email and telephone numbers and we will respond to all queries within 14 Days.

Within the Cour
Within the Cour
Within the Cour
Within the Cour
Within the Cour
Within the Cour
Within the Cour
Within the Cour
Within the Cour
Within the Cour
Within the Cour
Within the Cour
Within the Cour
Within the Cour
Within the Cour
Within the Cour
Within the Cour
Within the Cour

This information is commercially sensitive. If you require further details please contact Adrian Dunlea of Waste Recovery Services on 025-31055 with your name, company name, address and email and telephone numbers and we will respond to all queries within 14 Days.

* Select a row by double-clicking the Description of Waste then click the delete button