ENVIRONMENTAL
SOLUTIONS LTD

Panther Environmental Solutions Ltd,
Unit 4, Innovation Centre,
Institute of Technology,
Green Road, Carlow, Ireland.

Mobile: 087-8519284
Telephone /Fax: 059-9134222

Email: info@pantherwms.com
Website: www.pantherwms.com

Green Isle Foods
IDA Industrial Estate
Monread Road
Naas
Co Kildare

IPPC Licence Reg No. P0805-01

Annual Environmental Report 2011

Contents

Section 1.1 Introduction

The following is the Annual Environmental Report in accordance with Schedule D of the IPPC Licence Reg. P0805-01, concerning the activities of Green Isle Foods Ltd, IDA Industrial Estate, Monread Road, Naas, Co Kildare.

The current IPPC Licence was granted by the Agency on the 28th September 2007 and this AER report has taken information from January 2011 to December 2011.

Under the standard S.I. No.279 of 2006 the class of activities for the site are the following:

7.8 Treatments of processes for the purpose of the production of food products from

a) Animal raw materials (other than milk) with a finished product production capacity greater than 75 tonnes per day.
b) Vegetable raw material with a finished product production capacity greater than 300 tonnes per day (Average value on a quarterly basis).

Section 1.20 Site Description

Green Isle Foods Ltd is part of the Northern Foods Group PLC., and is situated in Naas, Co. Kildare on a 20 acre site with a production floor space of 24,000 sq/metres.

The plant is a manufacturer and supplier of frozen pizza products primarily to the Irish and UK markets.

The manufacturing process itself is highly automated and involves the blending, mixing, forming, baking, freezing and packaging of food ingredients into saleable end product. The main ingredients used are water, flour, edible oils and yeast for the baking process and a combination of sauces, cheese, vegetables and meats for the pizza topping process.

The manufacturing facility operates mainly on shift pattern covering an average of 4-6 days per week. This is contingent upon customer demand. There are approximately 290 employees at the facility. The production output is currently approximately 24,065 tonnes per annum.

1.21 Process Description

The following Main processes are carried out at the Green Isle Foods facility:

- Goods Intake Area
- Bakery Process
- Sauce Room Process
- Pizza Topping Process
- Refrigeration process
- Packaging Process
- Goods Outwards
- Services
- Effluent Treatment Plant
- Microbiology Laboratory / Offices / Amenities / Administration.

1.3 Company Organisation & Site Management

Company Organisation

Green Isle Foods has a structured Management approach to the operation of the business in terms of Environment, Product Quality, Process Control, Safety, Training and Analytical Capability.

The installation has maintained BRC accreditation since 2003, currently Grade A, and is licensed with the Department of Agriculture as a Food Plant and Animal Feed Producer.

Training of personnel is a key function in the successful operation of the installation and is certified to the FAS Excellence through People Standard.

Central to this structured approach is the Quality and Environmental Management Systems, which provide the structured framework for operational and quality control at the plant and provide for the maintenance and improvement in the plants environmental performance.

The Quality Management System is audited on an ongoing basis by a combination of internal audits and external certification surveillance audits.

Section 2 Summary Information

The following section relates to a summary of environmental information related to the items listed, in accordance with the Guidance Note for Annual Environmental Report. The information contained is for the year January 2011 to December 2011.

2.1	Emissions to Water
2.2	Emissions to Sewer
2.3	Emissions to Air
2.4	Waste Management
2.5	Natural Gas Consumption
2.6	Electricity Consumption
2.7	Water Consumption
2.8	Environmental Complaints
2.9	Environmental Incidents

Section 2.1 Emissions to Water

There is one emission point directly to surface water from the site – SW1.

The following section summarises all data collected relating to emissions to water.

Emission Point Reference No.	Description
SW –1	Surface Water Discharge to a tributary of the Morell River.

Emission Point Reference No.: SW 1

Parameter	Emission Limit Value	Monitoring Frequency	Av. Emission (mg/l)
pH	*	Monthly	7.55
COD	*	Monthly	124.33
Total Nitrogen	*	Monthly	3.08
Conductivity	*	Monthly	320.41
Total Ammonia	*	Monthly	0.74
Visual Inspection	*	Weekly	N/A

* No Emission Limit Value specified in IPPC licence.
It is recommended that the site sets trigger values for storm water discharge as per the recent EPA guidelines document on this subject.

The site's IPPC licence requires that monitoring of surface water be carried out monthly for pH, COD, Total Nitrogen, Total Ammonia and Conductivity and Weekly visual inspections as per schedule C.2.3.

This monitoring is being carried out by an External certified Laboratory, with a daily inspection log in place.

Section 2.2 Emissions to Sewer

The following section summarises all data collected relating to emissions to sewer.

Emission Point Reference No.	Description
SE –1	Treated Effluent Final Discharge to sewer

Emission to Sewer - Emission Point Reference No. SE-1

All process wastewater is collected in the designated process water drainage system and conveyed to the effluent plant crude sump prior to pumping to the effluent treatment plant balancing tank.

Effluent treatment on site is primary treatment.

Process effluents arise from the following areas:

- Bakeries.
- CIP system (Clean In Place)
- Boilers
- General washing within the processing areas
- CHP Plant.

Emission Point Reference No.: SE 1

Parameter	IPPC ELV's	Monitoring Frequency	20111 Av. Emission (mg/l)
Flow	420 M^3 / day	Continuous	193.5 M^3
Temperature	<43ºC	Continuous	13.77 ºC
pH	5.5 – 9.5	Monthly	6.97
BOD	750	Monthly	287.16
COD	2,000	Monthly	506.50
Suspended Solids	500	Monthly	88.25
Total Nitrogen (as N)	80	Monthly	5.51
Orthophosphate (as P)	5	Monthly	0.18
Total Phosphorus (as P)	10	Monthly	2.62
Oils, Fats & Grease	100	Monthly	14.16

As per table above, the emission limit values (ELV's) are set as per Schedule B.3 of the site's IPPC licence.

All analysis results detailed above are carried out externally in an accredited laboratory and are all based on 24 hour composite samples.

There was one effluent discharge licence exceedance during 2011 as follows:

A BOD of 976 mg/l was reported by the external laboratory. This was reported to the EPA as per letter dated 7th November 2011.

Section 2.3 Emission to Air

The following section summarises all data collected relating to emissions to Air.

Main Emission Points – There are no main emission points as all are deemed as minor as boiler thermal input is below the 20 MW cut-off point.

Minor Emission Points - Boiler Emissions - There are currently three boilers on site. Two boilers are used to generate steam to a pressure of 10bar. This steam is used in the manufacturing process and for the supply of hot water for washing and cleaning purposes.
It should be noted that only one boiler (Beel Cochran – gas only) is operated and the second boiler (HDS Boiler – duel fuel) is a cold stand-by.

Reference No.	Location	Emission Point
A1 - 1	Roof Area Over main steam boiler house	Stack - HDS Boiler
A1 - 2	Roof Area Over main steam boiler house	Stack - Beel Cochran Boiler
A1 – 3	Roof Area Over CHP boiler house	Stack - TCG 2020 V12

Two boiler efficiency tests were carried out on 7th December 2011 by Kane International Ltd.

Results of this analysis are shown below.

Table 6: Emissions to Atmosphere Summary

Date	Emission Pt	Low/High Fuel	Parameter	Value Recorded
7-12-2011	Boiler 1 HDS Boiler	High Fuel	Efficiency	80.7%
			NOx	58 ppm
			SOx	Not measured
			CO	0 ppm
7-12-2011	Boiler 2 Beel Cochran	High Fuel	Efficiency	81.5%
			NOx	59 ppm
			SOx	Not measured
			CO	0 ppm

No guidance values or ELV's are given in the IPPC licence with regards to atmospheric emissions. However, an efficiency of more than 80% is usually taken to be acceptable so the boiler's efficiencies are above acceptable limits.

NOx levels are low as both Boilers are using Gas as fuel.

Section 2.4 Waste Management

This section summarises all data relating to waste emissions and recycling of waste products for Green Isle Foods. Waste Management forms part of the site's Environmental Management Programme.

The following waste streams are generated from the site.

Waste Material	Method of Disposal	Transport Company Responsible	Handling Facility Permit No.	2011 Total Tonnage
Effluent Sludge	Land Injection	Thornton's Recycling	WCP-DC-09-1190-01	1264
Food Waste CAT 3	Licensed Rendering	O'Toole Composting WCP/KE/310C/05B	Waterford Proteins IPPC 586 DOA No. R919	504.2
Waste Sauce	Land Spread	Thornton's Recycling	WCP-DC-09-1190-01	145.2
Food Waste - Bakery	Animal Feedstuff	Millstream Power Ltd	WCP/KE/218cC/07C	1925.93
Landfill waste	Landfill	AES Ltd WCP/KE/51C/05C	KTK Landfill W008-01	177.9
Landfill waste – packaged pizza waste	Landfill	O'Toole Composting WCP/KE/310C/05B	Carlow Landfill, Co Carlow. W0025-01	32.8
Cardboard / Paper	Recycling	AES Ltd	WCP/KE/51C/05C W0104-01	126.25
Plastic	Recycling	AES Ltd	WCP/KE/51C/05C W0104-01	25.04
Wood (Pallets)	Recycling	CJ Sheeran Ltd.,	P0337-01 WCP/KE/226C/07C	63.52
Steel / Tin	Recycling	Hegarty Metal Recycling	WP05-04	72.74
Waste Oils / Chemicals	Hazardous Disposal	Enva Ireland Ltd.	WP 184 – 1	0
Vegetable Oils	Recycling	Brocklesby Ltd.	YRI 446290	21
Flourescent Bulbs	Hazardous Disposal	Irish Lamp Recycling Ltd WCP/KE/61C/05C	WP 104-1	1.7

Full details of the above waste streams are provided for reference, in a copy of the Electronic AER sent in to the EPA. This contains all information as recommended on page 10 of EPA Guidance Note for Annual Environment Report.

Section 2.4 Waste Management - Sludge

Introduction -Sludge Holding Facility

All Green Isle Foods process effluent and associated wastewater is piped to the on site's primary treatment plant. This effluent comprises only of those arising from general processing operations, all domestic sewage is discharged direct to County Council sewer.

The associated food-based sludge is collected in a Sludge Holding Tank with a solids content ranging from 2-4%. This sludge is then transported off-site for storage and consequent land injection as a nutrient substitute.

This section summarises all data relating to Land Injection of Sludge for Green Isle Foods. The information contained is for the year January 2011 to December 2011.

From December 8th 2010, Thornton's Recycling became the primary contractor for the removal of sludge from the Naas site.

Year	Total Sludge Produced	Farmer	Contractor
2011	1264	Barrockstown Farm, Maynooth, Co. Kildare	Thorntons Recycling

Organic Waste Analysis (effluent plant sludge)

According to Schedule C.4, organic waste must be analysed annually by standard methods to determine the % Dry Matter, Total N, Total P, Total K, pH, Fats, oils & Greases and analysed monthly to determine the volume/mass in storage.

A two-monthly report is received from the contractor which details volumes of sludge removed from site and also details available storage. This report is submitted to the agency on a bi-monthly basis.

Results for waste analysis are quoted in the Nutrient Management Plan for 2011. A summary of the results quoted in the NMP is shown in the Table below.

Table 9 Summary of % Dry Matter and Total N/P/K Data.

	Dry Matter	Total N	Total P	Total K	pH
	%	g/kg	g/kg	g/kg	
WWTP Sludge	4.9	1.6	2.706	NA	NA

All relevant parameters as per schedule C.4 of the sites IPPC licence will again be analysed during 2012 and included as part of the NMP.

Section 2.5 Natural Gas Energy Consumption 2011

Gas usage forms part of our Environmental Management Programme.

The table below details the annual Gas usage for Green Isle Foods for 2011.

Year	Total Gas Usage
2011	25,574,636 KWh

Section 2.6 Electricity Energy Consumption 2011

Electricity usage forms part of our Environmental Management Programme.

The table below details the annual Electrical usage for Green Isle Foods for 2011.

Year	Total Electricity Usage
2011	9,736,600 KWh

Section 2.7 Water Consumption 2011

This section summarises all data relating to Water usage for Green Isle Foods.

All Green Isle Foods water is provided by the mains supply.

Total Water Usage For 2011	
On Site Water Extraction	**0 M^3**
Municipal Water Supply	**115,300 M^3**

Section 2.8 Environmental Complaints

This section summarises all data relating to Environmental Complaints received during the period January 2011 to December 2011.

There were two Environmental Complaints received during 2011. Both incidences were reported to the EPA.

Complaint	Odour	Noise	Water	Procedural	Dust	Miscellaneous
Total	0	2	0	0	0	0

Section 2.9 Environmental Incidences

This section summarises all data relating to Environmental Incidents received during the period January 2011 to December 2011.

There were 3 Environmental Incidences during 2011.

Reporting Year	Total No. Incidences	Type of Incident	Date of Incident	Authorities Informed	Incident Follow Up
2011	1	Surface water Pollution – source from outside site being investigated	03/08/11	Yes	Ongoing
2011	1	Effluent Exceedance	7/11/11	Yes	BOD - B Sample sent for analysis – EPA informed. Retested – result 204 mg/l – in compliance
2011	1	Noise	21/11/11	Yes	Breach of report procedure.

Section 3.0 Management of the Activity

This section summarises all data relating to Environmental Management of the Facility for the period January 2011 to December 2011.

Section 3.1 Environmental Objectives and Targets

The purpose of this procedure is to define the process of setting out environmental objectives and quantify applicable targets in the production of frozen pizzas, [including the minimisation, (and where possible) elimination of wastes from the production processes].

The procedure also defines the process for establishing and maintaining an Environmental Management Programme (EMP) that will successfully meet the stated environmental objectives and targets.

See Attachment 3.1 – Environmental Objectives and Targets

Section 3.2 Environmental Management Programme

The procedure referred to in section 3.1 defines the process for establishing and maintaining an Environmental Management Programme (EMP) that will successfully meet the stated environmental objectives and targets.
See the EMP for 2011 Attachment 3.1

See Attachment 3.1 –Environmental Management Programme

Section 4.0 Pollutant Release and Transfer Register 2011

This section summarises all data relating to the Pollutant Release and Transfer Register during the period January 2011 to December 2011.

Copies of the site's 2011 PRTR are attached for reference to the applicable sections.

Section 5.0 CRAMP Report 2010

As per conditions 10.2, 10.3 and 10.4 of the site's IPPC licence, a CRAMP report was prepared for the site in 2009.

This report has being reviewed during 2011.

Section 6.0 Noise Report 2011

According to Condition 6.12 of the licence, environmental noise must be monitored annually. A noise survey was conducted on 21st October 2011 by Panther Environmental Solutions Ltd. This survey concluded that:-

- Noise levels exceeded the IPPC licence at all locations.
- A number of recommendations were made to reduce noise levels.

The site intends to implement these recommendations during 2012.

Section 7.0 ELRA Report 2010

According to Condition 12.3 of the licence, an Environmental Liabilities Risk Assessment (ELRA) report was prepared for the site on 22-10-08, report no. EL1209 by Panther Environmental Solutions Ltd and this report was submitted to the EPA.

The combined resources of Northern Foods Group are such as to underwrite the liabilities and financial commitments associated with the remedying of the risks identified in this report.

This ELRA report was reviewed and updated during March 2011.

Attachment 3.1

EMP

Environmental Manual

Section: Planning	
Subject: Environmental Management Programme. EMP (January 2012 – December 2012)	**Page 1 of 4** **Revision: 4** **Approved by: B.Gallagher** **Date: 10th January 2012**

1.1 **Effluent Treatment Plant**

Priority No: 1

1.2 Objective:

- To comply with all effluent discharge parameters as per the site's IPPC licence limits.

1.3 Strategy:

- Participate in Lean Six Sigma Green Belt initiative to reduce loading to Effluent Plant from Production Facility.
  Action: Lean team on-going.

- Carry out studies on reducing sludge volumes in effluent plant
  Action: Site by July 30th 2012

1.4 Monitoring:

- Monitoring of final effluent and water usage on a daily basis

1.5 Target:

- To comply with all relevant parameters as per the IPPC licence, by end of EMP year 4, December 2012.

2.1 Waste Minimisation and Reduction.

Priority No: 2

2.2 Objective:

- Objective is to minimise disposal of 'recoverable waste' which is currently going to landfill.

2.3 Strategy:

- Continue quarterly reviews with Waste Contractor to drive waste reduction initiatives at local level, through on site education and awareness programs.
  Action: BG on-going

2.4 Monitoring:

- Record details of all Food waste, including landfill and sludge leaving the site.

2.5 Target:

- To reduce Landfill by 10% based on 2011 production versus landfill %.

EMP

Environmental Manual

Section: Planning
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Approved by: B.Gallagher
Date: 10th January 2011

3.1 **Resource Consumption**

Priority No: 3

3.2 Objective:

- To assess energy usage per unit production based on Jan 2011 – December 2011 levels.

3.3 Strategy:

- **Continue monthly energy consumption reduction group meetings.**
  Action: Eng on-going.

- **Continue assessing and implementing the sites 2012 energy reduction plan.**
  Action: Eng on-going

3.4 Monitoring:

- Monitoring of electricity and gas usage on a weekly basis.
  Action: Engineering.

3.5 Targets:

- To examine and evaluate all available data.

4.1 Noise

Priority No: 4

4.2 Objective:

- To achieve noise level below 55 dB (A) outside boundary during daytime hours.
- To achieve noise level below 45 dB (A) outside boundary during night-time hours.

4.3 Strategy :

- Implement 2011 Noise Audit recommendations to reduce noise levels resulting at boundary fence.
  Action: BG by Dec 31st 2012

- Conduct noise audits at boundaries annually.
  Action: BG by Dec 31st 2012.

4.4 Targets:

Zero Noise Complaints in 2012.

Guidance to completing the PRTR workbook

AER Returns Workbook

Version 1.1.13

REFERENCE YEAR	2011

1. FACILITY IDENTIFICATION

Parent Company Name	Irish Flexible Packaging
Facility Name	Irish Flexible Packaging
PRTR Identification Number	P0108
Licence Number	P0108-01

Waste or IPPC Classes of Activity

No.	**class_name**
12.2.2	##

Address 1	Carnew
Address 2	Co. Wicklow
Address 3	
Address 4	
	Wicklow
Country	Ireland
Coordinates of Location	-6.49019 52.7115
River Basin District	IESE
NACE Code	2030
Main Economic Activity	Manufacture of paints, varnishes and similar coatings, printing ink and mastics
AER Returns Contact Name	Eamonn Farrell
AER Returns Contact Email Address	energyteam@energy.iol.ie
AER Returns Contact Position	Managing Director
AER Returns Contact Telephone Number	053-9426574
AER Returns Contact Mobile Phone Number	
AER Returns Contact Fax Number	053-9425777
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

Activity Number	**Activity Name**
50.1	General

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

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

4.1 RELEASES TO AIR

Link to previous years emissions data

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

RELEASES TO AIR					Please enter all quantities in this section in KGs			
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					Please enter all quantities in this section in KGs			
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
07	**Non-methane volatile organic compounds (NMVOC)**	M	OTH	FID	840.0	4325.0	0.0	3485.0

* 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					Please enter all quantities in this section in KGs			
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) KG/yr for Section A: Sector specific PRTR pollutants above. Please complete the table below:

Landfill: Irish Flexible Packaging

Please enter summary data on the quantities of methane flared and / or utilised

	T (Total) kg/Year	M/C/E	Method Used: Method Code	Method Used: Designation or Description	Facility Total Capacity m3 per hour	
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

Link to previous years emissions data

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 Relea

RELEASES TO WATERS					Please enter all quantities in this section in KGs			
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					Please enter all quantities in this section in KGs			
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					Please enter all quantities in this section in KGs			
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

ases from your facilit

4.3 RELEASES TO WASTEWATER OR SEWER

Link to previous years emissions data

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			
			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 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			
			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

SECTION A : PRTR POLLUTANTS

RELEASES TO LAND					Please enter all quantities in this section in KGs		
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					Please enter all quantities in this section in KGs		
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

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)
						M/C/E	Method Used				
Within the Country	**15 01 01**	**No**	63.9	paper and cardboard packaging	R5	M	Weighed	Offsite in Ireland	Greenstar Limited,WCP/WW/68/06C	Six Cross Roads,Carriganard,Butlerstown,Co. Waterford,Ireland	
Within the Country	15 01 02	No	27.75	plastic packaging	R5	M	Weighed	Offsite in Ireland	Greenstar Limited,WCP/WW/68/06C	Six Cross Roads,Carriganard,Butlerstown,Co. Waterford,Ireland	
Within the Country	15 01 03	No	1.5	wooden packaging	D1	M	Weighed	Offsite in Ireland	Greenstar Limited,WCP/WW/68/06C	Six Cross Roads,Carriganard,Butlerstown,Co. Waterford,Ireland	
Within the Country	08 03 12	Yes	18.52	waste ink containing dangerous substances	R2	M	Weighed	Offsite in Ireland	SRCL,WCP-DC-09-1178-01	Ballynagran Residual Landfill,Ballynagran,Coolbeg, Co. Wicklow,Ireland	
Within the Country	20 03 01	No	19.2	mixed municipal waste	D1	E	Volume Calculation	Offsite in Ireland	Greenstar Limited,WCP/WW/68/06C	Six Cross Roads,Carriganard,Butlerstown,Co. Waterford,Ireland	

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

Link to previous years waste data
Link to previous years waste summary data & percentage change

Actual Address of Final Destination
i.e. Final Recovery / Disposal Site
(HAZARDOUS WASTE ONLY)