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Managing Director Mairtin Boran
Boran Plastics Ltd
Osberstown
Naas
Co Kildare

AER 2014

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Section 1

I n t r o d u c t i o n

Environmental Policy

It is the policy of Boran Packaging to conduct its business of manufacturing low density polyethylene packaging (Bags and Film, printed and clear) for various industrial sectors in such a manner that its activities minimise or eliminate any potential adverse effects on the environment, including any environmental impacts of new development. We aim to achieve this through the use of integrated environmental management, procedures and planning. Environmental care is our core value.

Boran Packaging is committed to pursuing a positive policy on Environmental Pollution and Waste control. Although our process is environmentally friendly, we wish to maximise our waste recycling programme through a continuous assessment policy that will lead to an economic balance between in-house recycling and off-site contractor recycling.

Boran Packaging fully intend to be leaders and key drivers in the development of environmental performance, evaluation procedures and associated indicators. Our key objective is to prevent pollution, reduce waste and the consumption of resources (materials, fuel and energy), and commit to recovery and recycling, as opposed to disposal where feasible.

Boran Packaging are constantly working towards sustainable development and recognise the increased concerns of society about environmental issues and the corresponding necessity for programmes to protect and enhance the environment. Our environmental programmes are focused on continuous improvement.

The company values and promotes environmental leadership, responsibility and innovation in the management of the company operations. Its function will lead the development and implementation of appropriate programmes, policies, audits, compliance monitoring, awareness and supervision of the environmental management system.

Boran Packaging intends to meet all statutory environmental requirements pertinent to the company. Boran Packaging also encourage the use of Environmental Management Systems by both our suppliers and contractors alike.

Signed: _____ Date:_____

Managing Director

1.2 Site Description

Boran Packaging manufacture and print flexible packaging for a wide range of end uses. We are a medium sized manufacturer of blow film, in Ireland. Our production activities consist of three main processes – ***Extrusion, Printing, Laminating and Bagmaking.***

Initially, Boran Packaging commenced wholesaling low density polythene bags in 1972 from a small 500 sq. ft premises in Naas. Boran Packaging commenced the first phase of manufacturing plain polythene bags, which is converting bought in polythene film. The following year in 1974 Boran installed its first flexographic polythene printing machine, thus enabling conversion of both plain and printed sideweld bags. In 1977 Boran installed its first bottomweld bag converting machine.

Two years later Boran Packaging constructed a new factory in Johnstown, Naas, and moving existing equipment to this location. A major milestone took place in 1980, with the installation of the first extrusion machine, which enabled the company to produce product from basic raw material.

Since 1981, each year Boran has had a policy of continual investment in aspects of process machinery, which has enabled it to produce a wide range of products and become a market leader in its specialised field.

Boran commenced with 1 employee in 1972 and has expanded to approximately 45 to date. Today some of our main products would include: Low Density Polyethylene – plain and printed, bags and film, various sizes from 4 inches to 2.2 meter film.

Today Boran Packaging operates from a site that is located in Millennium Business Park, Naas that is 4180 square meters inclusive of manufacturing & on site storage areas. A site map and factory floor plan can be seen in Appendix 1. The production activities consist of four main processes – Extrusion, Printing, Lamination and Bagmaking.

Activities

Extrusion

The process conducted by Boran Packaging is known as Blown Film Extrusion.

Pellets of low density polyethylene (LDPE) are weighed and charged to a hopper. The LDPE pellets are white and semi-opaque in colour which when extruded produce clear polythene film. When a coloured product is required a form of LDPE pellet known as Masterbatch is used. Masterbatch consists of LDPE pellets with a small amount of pigment in each one.

The LDPE pellets are drawn from the hopper into the extrusion unit under vacuum. The LDPE is melted while being passed through a screw conveyor. The molten LDPE is forced through a channel into a die to form a tube like bubble of plastic film. The bubble is inflated with air, which cools the molten plastic into film.

The circumference of the tube and the thickness of the film is governed by the position of a series of guide rails which form the "bubble cage" and the rate of inflation with air. At the top of the tube, where the plastic film has solidified, the bubble is collapsed and wound into a roll using rollers.

Approximately 40% of extruded product is printed. The surface tension of the polyethylene film is such that printing ink does not adhere to its surface. The extruded film that is to be printed is pre-treated as part of the extrusion process. Before the film is wound onto a cardboard core it is treated using corona discharge treatment. Corona discharge treatment increases the surface tension of the film by discharging high voltage currents at varying frequencies through the film. The effect of this treatment is to improve adherence of the ink to the film and hence improve the quality of the product.

Boran Packaging operate extrusion units all of which are mono-layer which can produce films with only one layer of material. Each extrusion unit is fitted with a corona discharge treatment unit. The rolls of polyethylene film produced by the extrusion process are handled on pallets. The pallets are stored in our work in progress area awaiting further processing.

Printing

Boran Packaging operate one eight colour and one six colour flexographic printing machines. The design to be printed is cut into a printing plate, which is stuck onto the plate roller. Ink is charged to the ink pumps, which recirculate up to eight different colours of ink through the ink trays. A rubber roller sits in each ink tray.

As the film runs through the printer, the rubber roller rotates transferring ink to a roller called the Anilox roller. The Anilox roller regulates the amount of ink transferred onto the plate roller. The film passes between the plate roller and an impression roller, which presses the film against the plate, printing the design from the plate onto the film. The ink is dried using hot air blowers. The hot air is extracted from the workplace using fans.

At present, ink is purchased in 20kg kegs and dispensed and weighed manually. Ink is stored in a small ink store adjacent to the main building. At the end of a run, there can be up to 20/30 litres of ink left in the printing machine. This is collected, labeled and stored until it can be used in the next run for that particular product.

Once the surplus ink is drained from the ink trays the printing machine is cleaned. Industrial methylated spirits (IMS) is poured in small quantities onto the rollers, which are rotated and rinse off ink residues. The printing plate is removed. The ink trays are subsequently disconnected and soaked in a bath of IMS to rinse off the remaining ink before being reattached to the printing machine for the next run.

Bag Making

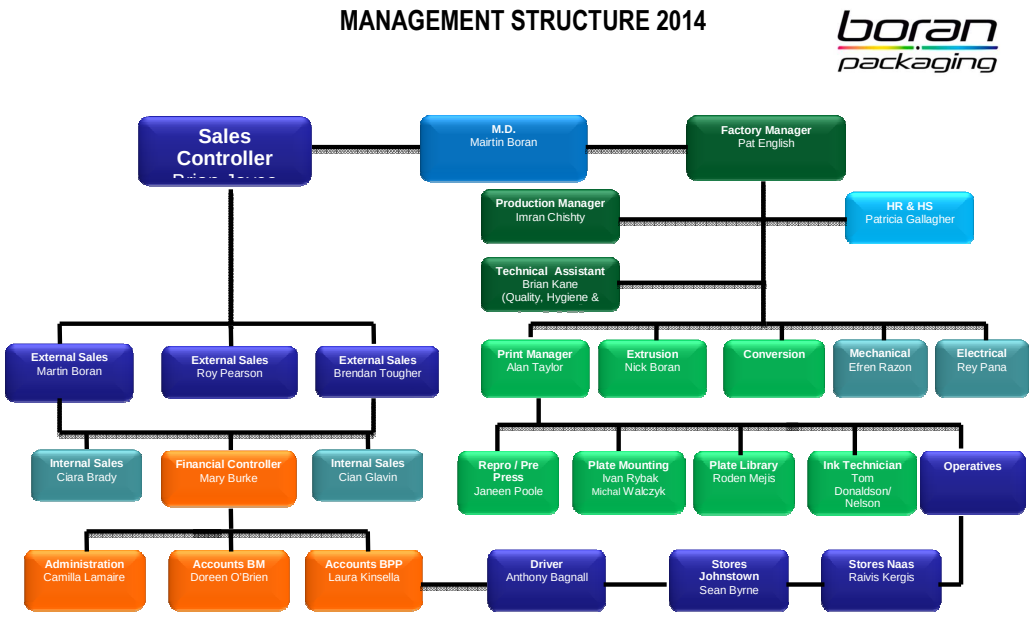
The bag making machines essentially cut folds and seals the plastic films to the customer's specification. The rolls of printed material are loaded onto the "unwind" of a bag-making machine. A series of rollers pull the film through the machine. Welds can be applied to the bottom or sides of bags, the bags are cut and trimmed to the required size and gussets can be folded into the sides or bottom of bags as required. Other features such as handles and perforations can be applied during this process.

Lamination

Lamination is done by applying a thin layer of adhesive to one side of the material then as it passes through the machine a second layer of material is applied using a nip roller to ensure all areas are pressed together evenly while removing any air bubbles. The solvent-free adhesive requires no heat so dryers are not required. The material is then left to cure before being processed.

Organisational Chart

The company's organizational chart can be viewed in ***Table 1***.



Section 2

S u m m a r y D a t a

2.1 (a) Waste Management

- ***To provide for the disposal/recovery of waste and the protection of the environment.***

Boran Packaging is committed to disposing of waste in accordance with appropriate National and European legislation and protocols.

Waste is currently being disposed of as specified in Schedule C, Control and Monitoring, Subsection C.4.

C.4 Waste Monitoring

Waste Class	Frequency	Parameter	Method
Mixed solvents (Inks & Thinners)	Per Consignment	Methanol	Std method

Additional non hazardous waste monitoring to include the following:

Waste Materials	Further Treatment, Recovery/Recycling On-Site
LDPE	None
Waste Polyethylene Product	None
Cardboard cores, boxes, tape	None
Empty cans/barrels	None

The current waste disposal arrangements for Boran Packaging are as follows:

General Packaging Waste	Thornton's Recycling	**Waste Timber Pallets**	Shabra Recycling
Waste Polythene Product	Shabra Recycling Monaghan	**Laundered Wipes**	Service Matters, Roscommon

Waste Polyethylene Film/Product is stored outside, adjacent to the factory. This material is sold on a monthly basis to companies for recycling purposes.

Packaging waste from factory operations is stored in the closed skip situated at the back entrance of the factory. This is removed by Thornton's Recycling., on a weekly basis and disposed of in landfill sites.

Waste Inks & Thinners: All inks are stored in customised ink stores. Any waste ink is re-used in darker colours, or retuned by the addition of ink concentrates by the ink supplier. Boran Packaging has a solvent recovery unit in relation to the unusable ink. All dirty solvent generated from cleaning is distilled in this recovery unit and subsequently reused. The waste sludge from the solvent recovery unit is barreled in 200 litre barrels, to be disposed of by outside licensed contractors.

Solid waste for Recycling includes:

- Waste Polyethene Film
- Poor Print Polyethene Bags
- Polyethene Trims
- Cling Wrap
- Broken Pallets
- Cardboard

Solid Waste for Disposal includes:

- Plastic Binding
- Section of non-extruded plastic from start-up and shut-down of extrusion process
- Waste Polyethylene Bags
- Canteen Waste
- Uncontaminated Rags
- Other non-recyclable non-hazardous waste

Boran Plastic Packaging has as one of its principal objectives, to reduce waste and improve on waste minimization and recycle / reuse where possible.

Table 2, shows the waste disposal / recovery of hazardous and non hazardous material by Boran Plastics, annual outputs and the ultimate destination.

Waste Disposal / Recovery Sheet 2014

EWC Code	HAZ Y/N	Description of waste	Quantity (Tonnes/annum)	Method of Disposal/Recovery	Location of Disposal/Recovery	Name of Waste Disposal/Recovery Contractor
20 01 03 10	N N	Scrap Polythene Cardboard	243.70t 16.12t	R2	Northern Ireland	Shabra Recycling
20 00 00	N	Domestic Waste	30.81t	D1	Dublin	Thorton's Recycling
08 03 12*	Y	Waste ink solvent	17.75t	D9	Dublin	SRCL Contractor

TABLE 2

2.1 (b) Emissions to Atmosphere

- ***To provide for the protection of the environment by way of control, limitation, treatment and monitoring of emissions.***

Boran Packaging has to date ensured that all activities on site are carried out in a manner such that air emissions and / or odors do not result in significant interference with the amenities or the environment. We currently monitor the RTO every morning and record the data.

Schedule B Emission Limits

Table 3: Boran Activities and Associated Emission Limit Values

Activity (solvent consumption in tonnes/ year)	Threshold (solvent Consumption in Tonnes / Year)	ELV in Waste gas (mg/Nm_3)	Fugitive Emission Value (% of solvent input)
3 - Other rotogravure, flexography, rotary screen printing, laminating or varnishing units (>15)	15-25 > 25	100 100	25 20
rotary screen printing on textile/cardboard (> 30)	> 30(1)	100	20

(1) - Threshold for rotary screen printing on textile and on cardboard.

Condition 5.6 of Boran's IPPC licence and Schedule 2 of Emissions of Volatile Organic. Compounds from Organic Solvents Regulations 2002 (S.I. No. 543 of 2002) limit the total fugitive emissions to air for volatile organic compounds to not greater than 20% of solvent input per calendar year. Based on the mass balance of inputs and outputs from the Boran facility in 2014 the fugitive emissions for the facility is estimated at 20% of total solvent input and is in compliance with section 5.6 of the site IPPC licence and Schedule 2 of Emissions of Volatile Organic Compounds from Organic Solvents Regulations 2002 (S.I. No. 543 of 2002) .

Environmental Incidents and Complaints

In the event of an emergency situation which may or may not develop in the future, Boran Packaging have an Emergency Response Plan, which is designed to minimize the negative environmental impacts associated with potential emergency situations. Category of complaints and the number of complaints received for 2014 are listed below.

Category	**2014**
Odour	Nil
Noise	Nil

Section 3

Management of the Activity

Section 3.1 Introduction

Boran Packaging has established a documented Environmental Management System to fulfill its requirements of its IPPC Licence. This system consists of:

Environmental Manual
Environmental Procedures
Environmental Work Instructions
Environmental Forms

This system is operated and worked through on a daily basis from production management to shop floor. It is through education and training that our objectives and targets are set for the coming year.

Section 3.2 Objectives & Targets

Boran Packaging is committed to ongoing activities for environmental preservation and improvement. In preparing the objectives and targets, the following is generally taken into consideration:

- Condition 11 of IPPC Licence (Recording and Reporting to the Agency)
- Legal Requirements (Register of Environmental Legislation)
- The Environmental Aspects Register
- New and available technology
- Financial, Operational and Business requirements
- Views of employees and supervisory staff
- Views of interested parties and the E.P.A.

Our Environmental Management Program contains targets and action plans for these objectives, in order to improve our environmental performance. During 2014, we reviewed our environmental policy and objectives and the following was agreed:

	Objectives and Targets
E1	To optimize our production operations in order to minimize raw materials usage and minimize waste.
E2	To maximize the recovery, re-use and recycling of waste
E3	To minimize emissions to air
E4	To optimize electricity, gas usage
E5	To ensure the good communication which currently exists, continues with all employees, contractors, etc with regard to our environmental performance.
E6	To ensure minimum frequency of environmental incidents and to reduce the environmental impact of any such incidents
E7	To comply with all relevant environmental legislation and with the conditions as set out in our IPPC Licence
E8	Ink Room currently under construction so it was agreed that all efforts to ensure all solvents/inks returned from the press are properly stored and. New bunding sheds and units have been purchased.
E9	Training – Further training was needed for the Environmental Officer.

Section 3.3: Environmental Management Program 2015

Boran Packaging has an Environmental Program as a means of achieving the established environmental objectives and targets. We will therefore continue to make every effort to utilize these programs in achieving our long term goals.

The following areas were addressed when setting the objectives and targets:

Process modifications

Improving process control

Improvements in equipment cleaning procedures

Reduction/Alternative material usage

Recovering, reusing and recycling material

Identifying, quantifying and reducing fugitive emissions where possible

Preventing incidents with potential for undesirable environmental consequences

Preparing, implementing and reviewing contingency plans

Savings in energy and material usage

Employee training

Ref		Target
1	Maintain fugitive emissions levels to below 20% of total solvent input	The company needs to maintain the accuracy of data used in solvent mass balance.
2	Reduce Hazardous waste	In 2014 17.75t were sent for incineration target is 2% reduction in 2015
3	Abatement plant	Maintain operation and monitoring of the RTO.
4	Reduce energy consumption (kWh/m2)	Monthly monitoring of energy consumption will continue in the Monthly Management review.
5	Ink suppliers and waste contractors	To maintain daily communication and reduce ink returns. Also to communicate with Ink suppliers on how to further reduce ink waste.
6	Demonstrate compliance with IPPC licence	Ensure all non-conformances are addressed in a timely manner.
7	Remove the risk of spills and leaks	To ensure there are no spills or leaks and if so, they are controlled and reported. All inks and solvents should be bunded.
8	In House Training	Fire training has been done, a skills matrix is in place and more Chemical training to be carried out in 2015. Also further training regarding bunds needed.
9	Improve efficiencies of power consumption and supply of compressed air	All areas of production and office are to be reviewed and energy savings are to be put in place where possible.
10	Bunding	Register of bunding to be maintained – labeled and maintained with appropriate records.

ENVIRONMENTAL MANAGEMENT PROGRAM 2015

No	Target	Action required	Resp	Status	Start Date
1	Maintaine fugitive emissions levels to < 20% of total solvent input by end December 2015	Calculate fugitive emission levels annually as a percentage of total solvent input.	Env Manager	Ongoing	Feb 2015
2	In House Training	Ensure training on spill prevention and spill response be implemented. Solvent Training from Brenntag also	Env Manager Print Mgr	Ongoing	Feb 2015
3	New Build	Plans for new building – new wash room	Env Manager Factory Mngr	Ongoing	Feb 2015
4	Reduce hazardous liquid waste	Devise and implement measures to reduce hazardous liquid waste.	Env Manager Print Mgr	Ongoing	March 2015
5	Optimise operation of the abatement system, to ensure minimum emissions and energy consumption	Maintain abatement system by regular inspections, routine and preventative maintenance and annual servicing.	Env Manager	Ongoing	April 2015
6	Reduce energy consumption by 1%	Significant improvements have been made to the site in 2014 and the aim is to continue reducing energy consumption where possible.	Env Manager Factory Mngr	Ongoing	June2015
7	Demonstrate compliance with IPPC Licence	Carry out emissions monitoring as per IPPC License.	Env Manager	Ongoing	July 2015
8	Reduce the risk of spills and leaks	Carry out survey of drainage system and implement recommendations. Look at possible drainage repair	Env Manager	Ongoing	Aug 2015
9	Improve efficiencies of power consumption and supply of compressed air	Carry out survey of same and implement findings	Env Manager	Ongoing	Sept 2015
10	Bunding	By improving the outdoor storage arrangements we can ensure bunding of all hazardous material a roof is to be put over the external bunds	Env Manager Factory Mngr	Ongoing	Oct 2015

Section 3.5 Pollution Release and Transfer Register (PRTR)

Summary of Continuous TOC Monitoring Results for Emission Point A2-5 for 2014

Monitoring of the Emissions was carried out during 2014 and was compliant as per License Register Number PO819-01. All reports have been uploaded to the EPA ALDER reporting site.

Summary of Chemicals Purchased during 2014

Chemical Usage in 2014	
Ethyl Acetate	
Glycol ether	
IMS96	
IMS96 NPAC (7:2:1)	
IMS96/ 4:1	
Npropanol	
Total Tonnage for 2014	91.64

Section **3.6 Environmental Expenditure**

Boran Plastic Packaging has been working towards achieving its goals and objectives on a continual basis. Boran will continue our efforts to ensure we operate efficiently and reduce, reuse, recycle where feasible. Environmental spending will continue to play a part in these goals. New wash room build planned for 2015.

Additional Fixed Assets:

- New Bunding €7,000
- Fire Extinguishers €346
- Spill Kits €1,450

Waste Management:

- SRCL €6,750
- Thorntons €6,693

Abatement Running Costs for 2014	€7,500
Emission Monitoring	€2,920
Training	€1,500
IPPC Licence	€6,250
Total:	€40,409

A valuation of a persons time has not bee estimated, but considerable time is being spent on the licence and the implementing of same.

Guidance to completing the PRTR workbook

AER Returns Workbook

Version 1.1.18

REFERENCE YEAR	2014

1. FACILITY IDENTIFICATION

Parent Company Name	Boran Plastic Packaging Limited
Facility Name	Boran Plastic Packaging Limited
PRTR Identification Number	P0819
Licence Number	P0819-01

Classes of Activity

No.	**class_name**
-	Refer to PRTR class activities below

Address 1	Millenium Business Park
Address 2	Osberstown
Address 3	Naas
Address 4	
	Kildare
Country	Ireland
Coordinates of Location	-6.67051 53.2366
River Basin District	IEEA
NACE Code	2030
Main Economic Activity	Manufacture of paints, varnishes and similar coatings, printing ink and mastics
AER Returns Contact Name	Brian Kane
AER Returns Contact Email Address	quality@boran.ie
AER Returns Contact Position	Quality / Environmental Manager
AER Returns Contact Telephone Number	045 876601
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	43
User Feedback/Comments	
Web Address	www.boran.ie

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 ?	

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

This question is only applicable if you are an IPPC or Quarry site

4.1 RELEASES TO AIR Link to previous years emissions data | PRTR# : P0819 | Facility Name : Boran Plastic Packaging Limited | Filename : P0819_2014.xls | Return Year : 2014 | 10/03/2015 12:51

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		A2-5				
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	Emission Point 2	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					10880.0	0.0	46260.0	0.0	35380.0

* 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: Boran Plastic Packaging Limited

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	

Please enter details below then click the OK button

Name of Recoverer / Disposer / Next Destination Facility	Thorntons Recycling
Licence / Permit No. of Recoverer / Disposer / Next Destination Facility	44-2
Address of Recoverer / Disposer / Next Destination Facility	
Address 1 / Street name	Killeen Road
Address 2 / Building number	Ballyfermot
Address 3 / City name	Dublin 10
Address 4 / Postcode	.
Country	Ireland

Please enter a full stop "." in an address field if there is no data to be entered

Alternatively, please select from previously entered details by clicking on the row below then click OK

Name and License / Permit No.	Address of Recoverer / Disposer / Broker
Eco-Safe Systems Ltd,54-2	Unit 1a ,Allied Industrial Estate,Kylemore Road,Dublin 10,Ireland
Shabra Recycling Ltd,WFP-MN-08	Killycard Industrial Estate,.,Bree Castleblayney ,Co. Monaghan,Ireland
Grehound Recycling and Recovery	Crag Avenue,Clondalkin Industrial Estate,Clondalkin ,County Dublin,Ireland
Thorntons Recycling,44-2	Killeen Road,Ballyfermot,Dublin 10,.,Ireland

Please enter details below then click the OK button

Name of Final Recoverer / Disposer	Umweltservice Lindenschmidt KG
License / Permit No. of Final Recoverer / Disposer	AZ:54.1.21-2.970.11
Address of Final Recoverer / Disposer	
Address 1 / Street name	Krombacher Strabe
Address 2 / Building number	42-46
Address 3 / City name	Kreuztal-Krombach
Address 4 / Postcode	57223
Country	Germany
Address of Actual Recovery / Disposal Site	
Address 1 / Street name	Krombacher Strabe
Address 2 / Building number	42-46
Address 3 / City name	Kreuztal-Krombach
Address 4 / Postcode	57223
Country	Germany

Please enter a full stop "." in an address field if there is no data to be entered

Alternatively, please select from previously entered details by clicking on the row below then click OK

Name and License / Permit No.	Address of Final Recoverer / Disposer	Address of Actual Recovery / Disposal Site
Umweltservice Lindenschmidt KG,AZ	Krombacher Strabe,42-46 ,Kreuztal-Krombach,57223,Germany	Krombacher Strabe,42-46 ,Kreuztal-Krombach,57223,Germany

Previous years data is correct as at 26/02/2015 09:40

Release_To	Year	Pollutant_Number	Pollutant_Description	M_C_E	Method_Code

Method_Description	Total

Previous years data is correct as at 26/02/2015 09:40

Year	Destination	EWC	Hazardous	Total	Description	TreatmentOperation	M_C_E	MethodCode
2013	To Other Countries	08 03 12	Y	20.8	waste ink containing dangerous substances	R2	M	Weighed
2013	Within the Country	15 01 01	N	23.96	paper and cardboard packaging	R3	M	Weighed
2013	Within the Country	15 01 02	N	267.3	plastic packaging	R3	M	Weighed
2013	Within the Country	20 01 99	N	27.7	other fractions not otherwise specified	D1	M	Weighed

TreatmentLocation	Name_Licence_Permit_No	Address
Abroad	Eco-Safe Systems Ltd,54-2	Unit 1a ,Allied Industrial Estate,Kylemore Road,Dublin 10,Ireland
Offsite in Ireland	Shabra Recycling Ltd,WFP-MN-08-0022-01	Killycard Industrial Estate,.,Bree Castleblayney ,Co. Monaghan,Ireland
Offsite in Ireland	Shabra Recycling Ltd,WFP-MN-08-0022-01	Killycard Industrial Estate,.,Bree Castleblayney ,Co. Monaghan,Ireland
Offsite in Ireland	Grehound Recycling and Recovery Limited,WO205-01	Crag Avenue,Clondalkin Industrial Estate,Clondalkin ,County Dublin,Ireland

Final_Recoverer_Disposer	Actual_Address_Final_Destination
Umweltservice Lindenschmidt KG,AZ:54.1.21-2.970.11,Krombacher Strabe,42-46 ,Kreuztal-Krombac	Krombacher Strabe,42-46 ,Kreuztal-Krombach,57223,Germany

Previous years data is correct as at 26/02/2015 09:40

Type of Waste	Previous Year Total	Current Year Total	Percentage Change
Hazardous Waste inside the country for disposal	0	0	0
Hazardous Waste inside the country for recovery	0	0	0
Hazardous Waste outside the country for disposal	0	0	0
Hazardous Waste outside the country for recovery	20.8	17.75	-14.66346154
Non-Hazardous Waste for disposal	27.7	30.8	11.19133574
Non-Hazardous Waste for recovery	291.26	259.82	-10.79447916