

Panda An Animal for Recycling

Site: Cappagh Road, Finglas, Dublin 11
Waste Licence Number W0261-02

Annual Environmental Report

01st January 2017 – 31st December 2017

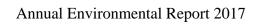


| Date | Status | Prepared By | Reviewed By | |
|------------|--------|-----------------|----------------|--|
| 27/03/2018 | Draft | Bebhinn Brennan | David Naughton | |
| 31/03/2018 | Final | Bebhinn Brennan | David Naughton | |
| | | | | |
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1. Introduction

Panda were granted the EPA Waste Licence W0261-02 on the 11th February 2015, replacing the previous licence W0261-02 issued on the 31st August 2010. Panda are licenced to accept and process 250,000 tonnes per annum upon completion of necessary infrastructure. Appendix A illustrates the current site layout.

1.1 Company details

Licence No: W0261-02

Name: Nurendale

Address: Cappagh Road,

Finglas,

Dublin 11.

Telephone Number: 1890 626262

Fax Number: 046 9024189

Website: www.panda.ie

1.2 Management Structure

Eamon Waters is the Managing Director of Panda. Brian McCabe and Noel Waters are company Directors. David Naughton is the Environmental Manager. Kieran Connor is the Operations Manager and Noel Hehir is the Manager on site. Bebhinn Brennan is the EHS officer for the site. There are 120 employees either working directly or indirectly at the facility. Appendix B illustrates the organisational structure of the facility for 2017.



1.3 Financial Provision

Costing's for both CRAMP and ELRA has been agreed with the Agency and the surety for financial provision is approved by the Agency.

1.4 Environmental Policy

In carrying out our function, Panda acknowledge that our activities impact upon the environment both through routine internal operations and the actions of our staff.

It is Panda's policy to protect the environment during all activities, both on and off-site.

This is achieved by:

- Strategic preparation and implementation of operating procedures (including an emergency response procedure).
- Utilizing BAT (Best Available Technology).
- Actively promoting environmental awareness amongst staff and clients through appropriate training and communication programmes.
- Reduce energy use through effective education and awareness and the installation of energy efficient technology where appropriate.
- Implementing a policy of continuous improvement, by means of targeted objectives. All objectives and targets are monitored and up-dated accordingly.

Panda are committed to complying with all relevant environmental regulations and aim to supply a safe, competitive and sustainable service with specific regards to the surrounding environment.



1.5 Activities

Under the Industrial Emissions licence W0261-02, Panda conducts the following activities at Cappagh Road, Cappague, Finglas, Dublin 11:

Recovery, or a mix of recovery and disposal, of non-hazardous waste with a capacity exceeding 75 tonnes per day involving one or more of the following activities, (other than activities to which the Urban Waste Water Treatment Regulations 2001 (S.I. No. 254 of 2001) apply):

(ii) Pre-treatment of waste for incineration or co-incineration

and

The recovery or disposal of waste in a facility, within the meaning of the Act of 1996, which facility is connected or associated with another activity specified in this Schedule in respect of which a licence or revised licence under Part IV is in force or in respect of which licence under the said Part is or will be required.

Panda provide a waste collection service for the domestic, commercial and industrial sectors throughout Ireland. In 2016 Panda were awarded "The Waste Collection operator of the year (Large)" in the Repak Pakman Awards.

The normal facility operating hours are 6am-6pm (Monday-Friday) & 6am-1pm (Saturdays). The facility is licensed to accept non-hazardous wastes only.

1.6 Waste Activities carried out at the Facility

Waste is accepted and dispatched at the facility and is weighed using weighbridge software "WIMS". Panda operates two buildings for waste acceptance. The facility is primarily used as a transfer facility. Source segregated cardboard, plastic & hangers are accepted in Building A1 and A2 and commercial and domestic dry mixed recyclables, mixed solid waste and brown bin waste are accepted in A2. Where the Mixed Solid



Waste and brown bin is accepted, the building is maintained under negative air pressure with the extracted air being treated in an Odour Control Unit.

Source segregated baled cardboard, baled plastic and boxed plastic hangers are also accepted for bulking up from Dunnes Stores collections nationwide.

There is a dual weighbridge for incoming and outgoing waste.

1.7 Water Usage:

Water for dust suppression, office and amenities use is taken from a well. Water for firefighting equipment i.e. hose reels and stand pipes is taken from public supply.

Water usage on site consists of:

- In-house road sweeper (daily visits).
- Dust suppression sprayers in the shed and on the South-western external side of shed (as required)
- Hoses on site for dust suppression.
- Fire Fighting equipment.

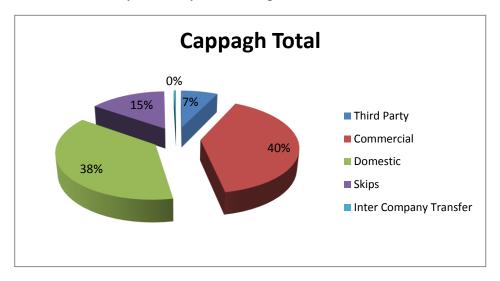
2. Summary Information

2.1 Waste Received

The waste received at the facility from the 1st January 2017 to the 31st December 2017 was 153337.93 tonnes. From the pie chart (Fig 1) it is evident that domestic and commercial wastes are the largest sources of Panda's waste acceptance.



Fig. 1: Waste Collected by Panda by Customer profile.



2.2 Waste acceptance and dispatch summary

See Appendix C for the breakdown of the different waste accepted at the facility and of waste removed off site by EWC Code.

2.3 Waste Recovery Reports

To contribute to the Landfill Directive, Panda operates various systems to maximise recovery and recycling with most processing being carried out in the headquarters' facility.

Panda applied to the Agency for a review the current Waste Licence (W0140-04) for the Beauparc facility in September 2009. This review was submitted to the Agency, so that Panda can produce a SRF/RDF product from the residual waste previously sent to Landfill. Panda also reviewed the licence for the purpose of constructing an Anaerobic



Digestion/Composting plant. Panda have rolled out a source segregated collection service for biodegradable waste for both household and commercial customers.

Panda process the mixed C&D waste in the Beauparc facility in building 2, this includes a shredder, trommel, magnet, wind shifter and a picking line so as to divert as much C&D waste away from landfill as possible in order to comply with "A Resource Opportunity, 2012" for landfill diversion. To date the processing of C&D Waste has been extremely successful with the majority of the residual being processed into Solid Recovered Fuel.

Fig. 2 details the recovery rates of waste leaving Panda's facility in 2017.

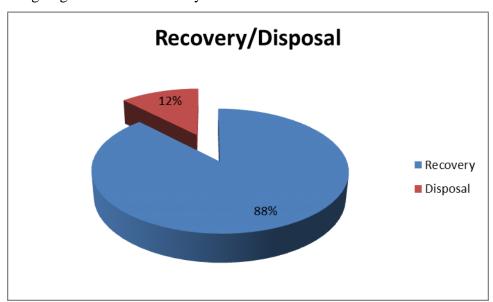


Fig. 2: Outgoing destination recovery rate.

may have occurred during the year.

2.4 Summary report on emissions and interpretation of environmental monitoring Under Schedule C of the licence W0261-02, Panda are required to monitor storm water emissions, BMW content of municipal waste dispatched to landfill (Frequency-as specified by the Agency), noise and ambient air monitoring (Dust). The following subheadings detail the results from independent laboratories of the different parameters and the emission limit values ELV's set by the EPA and any complaints and incident that

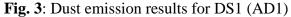


2.4.1 Surface Water

Storm water passes through a silt trap and oil interceptor prior to being discharged to the storm water network, which ultimately discharges into a tributary of the Tolka River. The surface water monitoring point is located at the south-eastern corner of the facility at the co-ordinates X/E 310429 Y/N 240420 (SW1).

2.4.2 Dust Emissions

As per schedule B5 for dust deposition limits, there are currently two sampling locations (AD1 and AD2). Monitoring is required bi-annually on site. A dust suppression unit was installed in the shed to ensure dust emissions from the tipping, sorting and reloading are kept to a minimum. Figs 3&4 illustrate dust recordings for 2017.



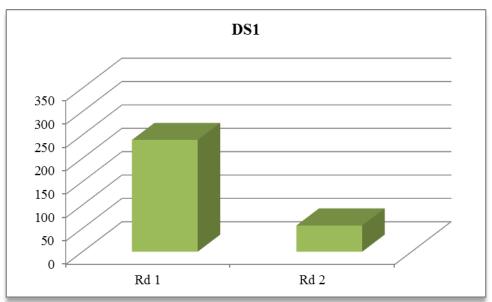
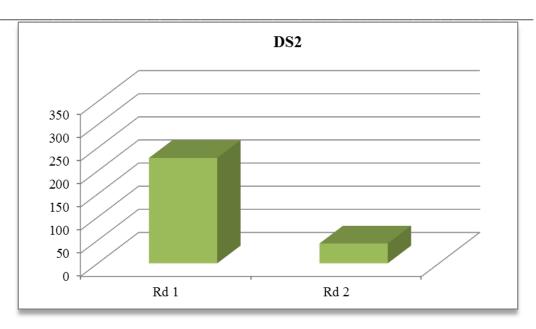


Fig. 4: Dust emission results for DS2 (AD2)





As per Schedule B.5, the dust deposition limit for the site is 350 mg m⁻² d⁻¹. Both DS1 and DS2 are well within licenced ELV's.

2.4.3 Noise Emissions

Noise emissions are monitored according to Schedule B.4 and the emission limit values (ELV) set out in Schedule C.5 of the licence. An independent competent consultant has been commissioned to conduct the noise sampling for the facility. Tables 1 - 3 detail results of noise monitoring conducted on the 9th June 2017.

Table 1. Day- time noise emissions 2017 (Intervals of 30 minutes)

| Location | Time | Leq | L10 | L90 | Comments |
|----------|--------|------|------|------|--|
| AN1 | 15.00- | 54.6 | 57.4 | 50.5 | Noise from facility less than L50 of 52dBA. |
| | 17.30 | | | | Other non Panda noise sources close by. |
| AN2 | 16.00- | 58.7 | 62.7 | 44.8 | Noise from waste facility less than L50 of |
| | 18.30 | | | | 45dBA. |
| ANSL1 | 16.00- | 70.1 | 74.5 | 54.6 | Mainly road traffic noise and waste facility |
| | 19.00 | | | | at less than Lmin of 44.9dBA. |



| ANSL2 | 19.30- | 71.8 | 76.2 | 56.8 | Mainly road traffic noise and waste facility |
|-------|--------|------|------|------|--|
| | 20.30 | | | | less than Lmin of 50.0dBA |

NB Location of ANSL1 and ANSL2 are alongside the busy road traffic route

Table 2. Evening- time noise emissions 2017 (Intervals of 30 minutes)

| Location | Time | Leq | L10 | L90 | Comments |
|----------|--------|-------|-------|-------|--|
| AN1 | 19.00- | 52.2 | 55.1 | 47.9 | Noise from waste facility less than 47.9dBA |
| | 20.30 | | | | - mainly road traffic. |
| AN2 | 19.00- | 54.6 | 59.00 | 41.90 | Noise from waste facility less that L50 of |
| | 20.30 | | | | 47.7dBA – mainly road traffic. |
| ANSL1 | 19.00- | 66.1 | 66.6 | 51.50 | Road traffic noise –no activity audible off- |
| | 20.30 | | | | site at any NSL |
| ANSL2 | 19.30- | 70.40 | 74.50 | 53.50 | Road traffic noise –no activity audible off- |
| | 20.00 | | | | site at any NSL |

Table 3. Night- time noise emissions 2017 (intervals of 30 minutes)

| Location | Time | Leq | L10 | L90 | Comments |
|----------|---------|------|------|-------|---|
| AN1 | 23.00 - | 52.3 | 53.4 | 46.4 | Road traffic noise and fan on nearby site – |
| | 24.00 | | | | no activity on site. |
| AN2 | 23.00 - | 50.1 | 52.8 | 42.1 | Road traffic noise – no activity on site |
| | 24.00 | | | | |
| ANSL1 | 23.00 | 57.9 | 57 | 46.90 | Road traffic noise –no activity on site |
| ANSL2 | 23.00 | 55.3 | 57.1 | 45.4 | Road traffic noise –no activity on site |

2.4.5 Bund, pipe and underground storage tanks integrity

The integrity and water tightness of all underground pipes, all tanks, bunding structures and containers and their resistance to penetration by water and other materials is required to be carried out every three years and thereafter and reported to the Agency. The pipeline and UST integrity was tested in Q3 of 2015. The integrity of underground pipes,



tanks was tested and found to be compliant. Testing was carried out of the bunds in January 2016 and again was found to be compliant.

2.4.6 Summary of resource and energy consumption

Table 4: Summary of Energy Consumption from January 2017 to December 2017.

| Resource | |
|-------------|--------------|
| Gas Oil | 71924 Litres |
| Electricity | 489034 kWh |

2.4.7 Water

Dust control and amenity water is obtained from the well located off site. Firefighting water is taken from public supply.

2.5 Site infrastructure

The following are details on infrastructure in the facility.

2.5.1 In-place

The current site infrastructure is outlined below in List 1. List 2 details the waste processing equipment used on site.

List 1: Current site infrastructure

- 1. Offices
- 2. Dual Weighbridge.
- 3. Two x Waste processing building
- 4. One x Dust suppression system
- 5. Ancillary ESB building
- 6. Canteen & toilets.
- 7. Water Attenuation Tank
- 8. Oil Interceptor
- 9. Fuel Depot
- 10. Fencing around the site



11. 1 x odour Control Unit

List 2: Waste processing equipment

5 x Forklifts 2 x Bollergraf Baler

1 x Multisweep 1 x Volvo Loading Shovel

There is sufficient back up within the group if any of the plant listed breaks down.

2.5.2 Planned Infra-structure

It is anticipated that the concrete yards and carpark at the western area of the facility will be completed by the end of 2018.

2.6 Progress Report on Proposals Developed to Minimise Water Demand & Trade Effluent Discharge

To minimise the water demand on site, Panda are investigating collecting the rainwater from the roof and using this for dust suppression around the yard.

2.7 PRTR Emission.

Panda's PRTR emission return is provided in Appendix D.



3. Environmental objectives and targets -2017 and 2018.

| No | Objective & Target | Method of Achievement | Responsibility | 2017 Programme | Complete in 2017 | 2018 Programme |
|----|--|--|---------------------------------------|---------------------|----------------------|-------------------|
| 1 | Assess the Effectiveness of Nuisance Control | Continually review and assess all nuisance control procedures to ensure minimal impact on surrounding area | Environmental Manager/ EHS Officer | Continuous | Continuous | Continuous |
| | Procedures | Ensure yards are cleaned at the end of each working day | Operatives | Continuous | Continuous | Continuous |
| 2 | Prevent Water | Ensure all gullies are maintained and regularly cleaned | EHS Officer/ Operatives | Continuous | Continuous | Continuous |
| 2 | Pollution from Run-Off | Ensure that levels in the trade effluent tank is maintained at an appropriate height | Facility Manager/Operatives | Continuous | Continuous | Continuous |
| 3 | Assess & Review Resource & Energy Consumption at the site Carry out an energy audit on the site | | Environmental Manager | Reviewed July 17 | | Review July'18 |
| 4 | Maintain and Develop the Environmental | Maintain EMS Documentation on site | Environmental Manager / EHS | Continuous | Continuous | Continuous |
| | Management System | Update procedures to reflect operational and control changes | Officer | | | |
| 5 | Review and Update the Site Specific EMS | Implement a plan to review and update the EMS for the site. | EHS Officer | Dec ' 17 | | Dec '18 |
| 6 | Implement a training programme for all staff | Identify staff training requirements and provide relevant training | EHS Officer | December '17 | | Ongoing |
| 7 | Assess Waste Acceptance Procedures for Casual Customers | Have all casual customers sign waste collection permit exemption indemnity letters. | Weighbridge Management | Started Q1 2017 | Completed in Q4 2017 | |
| 8 | Environmental Monitoring | Implement the Environmental Monitoring Programme specified in the Waste Licence | Environmental Manager/EHS Officer | Continuous | Continuous | Continuous |



Annual Environmental Report 2017

| | Objective & Target | Method of Achievement | Responsibility | 2017 Programme | Complete in 2017 | 2018 Programme |
|----|--|---|--|--------------------------|------------------------|------------------------|
| | | Investigate and incidences of emission limit values | Environmental Manager/EHS Officer | Continuous | Continuous | Continuous |
| 9 | To control any emergencies that may arise at the facility | Review and train all staff in the Emergency Response Procedure | Environmental Manager/EHS Officer | Continuous Training | Continuous Training | Continuous Training |
| 10 | Ensure lighting in waste handling buildings provide sufficient lighting so as to assess incoming waste | Clean all light bulbs and covers in waste handling buildings | Environmental Manager/ Yard Manager | Completed August 2017 | | Review Q3 2018 |
| 11 | Office Recycling | Continuation of office recycling | Office Manager/ Environmental Department | Continuous | Continuous | Continuous |
| | | | | | | |



3.1 Summary of reported incidents and complaints

3.1.1 Reported Incidents Summary

Fire in Trailer on Snugborough Road: Tarrant trailer was loaded in Cappagh, and when on the Snugborough Road the driver noticed a fire in the trailer and called Dublin Fire Brigade. Fire was quenched on roadside and trailer brought back to Cappagh yard. DMR affected was tipped into loading pit and hosed down, then loaded into a RORO skip and watched all night to ensure fire was completely out. The incident was fully investigated and closed out. No significant environmental damage occurred.

3.1.2 Complaints:

Fig. 5 illustrates complaints either made directly to the Agency or to Panda's facility for each month during 2017. There were a total of 3 complaints made in 2017, directly to Panda. The final complaint was elevated to the Agency after the initial complaint to Panda. Complaints are thoroughly investigated and closed out in a timely fashion.

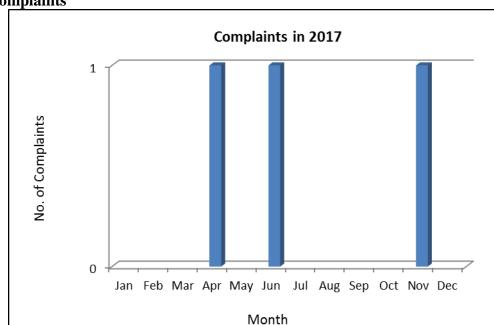


Fig. 5: Complaints



3.2 Review of nuisance controls

3.2.1 *Odour*

Odour emissions from the odorous waste accepted at the facility is controlled by way of maintaining the building under negative air pressure with the extracted air being treated in the Odour Control Unit.

Each day, the Facility Manager and EHS Officer conduct an inspection of the site. Odour nuisances are included on this inspection.

3.2.2 *Noise*

The monitoring results showed that noise is not a nuisance, as only minimal plant operates on site.

3.2.3 Dust

A dust suppression system is installed in the shed and on the external (South-western side) of the building. A multisweep unit is on site and used regularly throughout the day for cleaning and is fitted with spray bars for dust suppression. Fire hoses are also available to spray water on concreted yards as required.

3.2.4 *Vermin*

A file on vermin control is maintained in the office. A sub-contractor is used to control any vermin on site.

3.2.5 Flies

Good housekeeping practices are used to prevent fly infestations. The yard is kept clean using a road sweeper and all waste for disposal is removed from the facility within 48 hours, or 72 hours in the case of a bank holiday weekends.



3.2.6 Birds

In order to avoid having birds as a nuisance, litter control is practised at all times, this includes regular litter patrols.

3.2.7 *Litter*

A designated member of staff carries out litter inspections of the facility twice daily and gathers any litter deposited.

4.0 Development of Procedures on Site

The Emergency Response Procedure (ERP) was reviewed and amended to reflect the changes of the company and update useful contact telephone numbers. A review of all other site procedures was also carried out.

5.0 Pollution Emission Register

After consulting the PERL list Panda are not using any substance that is listed at present.

6.0 Report on Programme for Public Information

Panda have re-developed their website in 2015; one of the features is an Environmental page where the following can be downloaded,

- Facility Licences W0140-04, W0261-02, W0263-01, W0039-02, W0238-01 and W0003-03.
- Multi-Regional Waste collection permit (NWCPO-14-11326-03),
- TFS Broker licences,
- Customer Charter,
- Environmental Policy,

Domestic wheelie bin customers can also download their relevant collection calendar and pay bills.

Panda have a news section on the website, with regular updates on collections, offers, etc.



Over the Christmas period 2016 Panda put advertisements in all the local newspapers to inform customers of the schedule of bin collections over the Christmas Period. Panda also issued all domestic customers with a Christmas calendar showing collection days over that period. If there were any change to a domestic route, this would also be advertised in the local media.

In March 2009, Panda commenced SMS messaging to domestic customers regarding their collections. Panda are also encouraging customers to receive email invoicing, thereby reducing dependence on paper invoices and envelopes.

Recycling certificates are issued to customers, on request, so that they can determine their recycling on a weekly/monthly or annual basis.

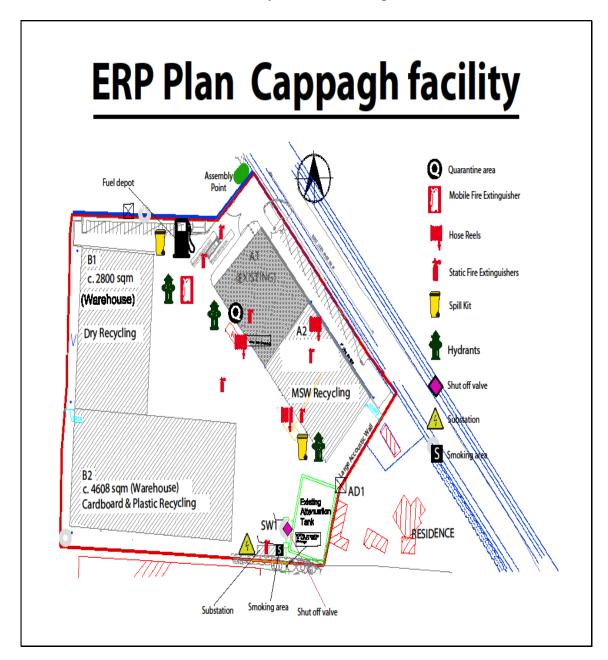
Advertisements are taken out regularly in the local newspapers informing customers of the services that Panda offer. Tours of the facilities are given to schools and to members of the public upon request. During the reporting period there were no requests from members of the public to inspect any Environmental Records.

The information in the Annual Environmental Report is true and accurate representation of the activities conducted by Panda in 2017.



Appendix A

Site Layout and ERP Map





Bebhinn Brennan

Appendix B **An Animal for Recycling Organisational Structure** MANAGEMENT STRUCTURE **Managing Director** Panda - Cappagh **Eamon Waters Director Payroll Brian McCabe Environ. Manager Health & Safety Lauren Collins David Naughton** Joe Nicholson **Ops Manager** Mntnc. Manager I.T. Manager **Financial** Controller **Kieran Conner Brian Bolger Paul Smyth Damien Murray Cappagh Facility Commercial Supv** Skips Supv. Artic Supv. **Domestic Supv.** Manager **Chris Noonan David Boyd Mark Andrews** Stephen Flynn **Noel Hehir** Cappagh EHS 23 Officer



Appendix C

Waste Summary

| EWC Code | Incoming 2016 | Incoming 2017 | Outgoing 2016 | Outgoing 2017 |
|----------|---------------|---------------|---------------|---------------|
| 06 13 99 | | | | 28.46 |
| 13 02 08 | | | | 0.66 |
| 15 01 01 | 25315.233 | 29927.71 | 25317.5 | 30301.10 |
| 15 01 02 | 2510.98 | 2953.72 | 1831.06 | 2892.60 |
| 15 01 03 | 50.65 | 53.31 | | 57.12 |
| 15 01 04 | | 5.32 | | |
| 15 01 05 | | 0.30 | | |
| 15 01 06 | | 12.48 | | |
| 16 01 03 | | | 15.28 | 15.70 |
| 16 05 04 | | | | 0.34 |
| 17 01 07 | | | | 28.74 |
| 17 02 01 | 2542.49 | | 50.98 | |
| 17 02 03 | | 27.30 | 11.18 | |
| 17 04 05 | 839.91 | 84.3 | | 27.96 |
| 17 05 04 | 1671.38 | 209.96 | 11548.9 | 4808.38 |
| 17 08 02 | 268.14 | 64.2 | | |
| 17 09 04 | 38735.87 | 3742.75 | 214.18 | 2096.66 |
| 19 08 01 | 2.08 | 10.22 | | |
| 19 12 02 | | 1.36 | 2612.76 | |
| 19 12 03 | | | 41.569 | |
| 19 12 04 | | | | 1.72 |
| 19 12 07 | | | 6360.4 | 1232.32 |
| 19 12 12 | 42.76 | | 18025.34 | 1434.96 |
| 19 12 14 | | | 4.58 | |
| 20 01 01 | 11003.45 | 19344.2 | 12919.36 | 19258.10 |
| 20 01 02 | 65.96 | 11.92 | | |
| 20 01 08 | 23020.95 | 21272.52 | 22769.82 | 21166.48 |
| 20 01 11 | 6.2 | 3.98 | | |
| 20 01 35 | | | 1.7 | 9.92 |
| 20 01 36 | | | 64.56 | |
| 20 01 38 | | 511.5 | 537.3 | 124.02 |
| 20 01 39 | | 72.018 | 354.22 | 29.00 |
| 20 01 40 | | 40.1 | 246.8 | 535.49 |
| 20 02 01 | 78.22 | 7.62 | 647.68 | 36.82 |
| 20 02 02 | | | 236.08 | |
| 20 03 01 | 76793.54 | 73157.32 | 88085.5 | 76708.49 |



| Total | 185867.773 | 153337.93 | 191937.169 | 160980.60 |
|----------|------------|-----------|------------|-----------|
| 20 03 07 | 2910.52 | 1823.83 | 40.42 | 185.56 |
| 20 03 03 | 9.44 | | | |



Appendix D

PRTR Emissions

| PRTR# : WU261 | Facility Name : Nurendale (Cappagh Road) | Filename : W0261_2017 PRTR.xls | Return Year : 2017 |



Guidance to completing the PRTR workbook

PRTR Returns Workbook

Version 1.1.19

REFERENCE YEAR 2017

1. FACILITY IDENTIFICATION

| 1. FACIEIT I IDENTIFICATION | |
|-----------------------------|--------------------------|
| Parent Company Name | Nurendale |
| Facility Name | Nurendale (Cappagh Road) |
| PRTR Identification Number | W0261 |
| Licence Number | W0261-02 |

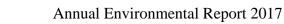
Classes of Activity

| Sidded or richning | |
|--------------------|--------------------------------------|
| No. | class_name |
| - | Refer to PRTR class activities below |

| Address 1 | Cappagh Road |
|--|--|
| Address 2 | |
| Address 3 | |
| Address 4 | |
| | |
| | Dublin |
| Country | Ireland |
| Coordinates of Location | -6.33881 53.40272 |
| River Basin District | IEEA |
| NACE Code | 3832 |
| Main Economic Activity | Recovery of sorted materials |
| AER Returns Contact Name | Bebhinn Brennan |
| AER Returns Contact Email Address | bebhinn.brennan@greenstar.ie |
| AER Returns Contact Position | EHS Officer |
| AER Returns Contact Telephone Number | 1890626262 |
| AER Returns Contact Mobile Phone Number | |
| AER Returns Contact Fax Number | 0469024189 |
| Production Volume | 0.0 |
| Production Volume Units | |
| Number of Installations | 0 |
| Number of Operating Hours in Year | |
| Number of Employees | 120 |
| User Feedback/Comments | Waste variance is due to the nature of the waste accepted. Waste |
| | volumes are not consistent from year to year. |
| | |
| | |
| Web Address | www.panda.ie |



A (Accidental) KG/Year F (Fugitive) KG/Ye No. Annex II ADD NEW ROW | DELETE ROW * ADD NEW ROW | DELETE ROW * Select a row by double-clicking on the Po RELEASES TO AIR ADD NEW ROW | DELETE ROW * 4.2 RELEASES TO WATERS Link to previous years emissions data SECTION A: SECTOR SPECIFIC PRTR POLLUTANTS RELEASES TO WATERS ADD EMISSION POINT | Method Used | 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 | No. Annex II ADD NEW ROW DELETE ROW * Select a row by double-clicking on the Pollutant Name (C SECTION B : REMAINING PRTR POLLUTANTS RELEASES TO WATERS Please enter all quantities in this section in KGs
ADD EMISSION POINT Q QUANTITY Mc/E Method Code Designation or Description Emission Point 1 T (Total) KG/Year A (Accidental) KG/Year F (Fugitive) KG/Year ADD NEW ROW DELETE ROW * * 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 ADD EMISSION POINT Method Used Method Code Designation or Description Emission Point 1 T (Total) KG/Year A (Accidental) KG/Year F (Fugitive) KG/Year 4.3 RELEASES TO WASTEWATER OR SEWER OFF SITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER Please enter all quantities in this section in KGs OFF SITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER ADD EMISSION POINT T (Total) KG/Year A (Accidental) KG/Year F (Fugitive) KG/Year 4.4 RELEASES TO LAND Link to previous years emissions data PRTR# ; W0261 | Facility Name : Nurendale (Cappagh Road) | Filename : W0261 2017 PRTR.xls | Return Year : 2017 | SECTION A - PRTR POLITITANTS ADD EMISSION POINT T (Total) KG/Year A (Accidental) KG/Year Emission Point 1 RELEASES TO LAND QUANTITY ADD EMISSION POINT Pollutant No. Emission Point 1 T (Total) KG/Year A (Accidental) KG/Year





| | | | riease ente | er all quantities on this sheet in Tonnes | | | | | Haz Waste : Name and | | | |
|-------------------|----------------|-----------|---------------------------------|--|--------------------|-------|--|---------------------------------------|--|--|---|--|
| | | | Quantity (Tonnes pe Year) | г | | | Method Used | | 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 Recov Disposal Site (HAZARDO WASTE ONLY) |
| | European Waste | | , | | Waste Treatment | | | Location of | | • | , | , |
| nsfer Destination | Code | Hazardous | | Description of Waste | Operation | M/C/E | Method Used | Treatment | | Lower Ballymount | | |
| hin the Country | 15 01 01 | No | 50.5 | 58 paper and cardboard packaging | R12 | М | Weighed | Offsite in Ireland | Irish Packaging Recycling ,W0263-01 | Road, Walkinstown, Dublin 12,,Ireland Rathdrinagh, Beauparc, Nava | | |
| hin the Country | 15 01 01 | No | 0. | .0 paper and cardboard packaging | R12 | М | Weighed | Offsite in Ireland | Panda Navan,W0140-03 | n,Co. Meath,Ireland Merrywell Business | | |
| hin the Country | 15 01 01 | No | 0. | .0 paper and cardboard packaging | R12 | М | Weighed | Offsite in Ireland | Dublin City Council MRF,W0238-01 | Park,Ballymount,Dublin 12,.,Ireland | | |
| | 45.04.04 | | 4000 4 | 10 | Data | | | | Nurendale Broker,IREAG133 | | | |
| Other Countries | 15 01 01 | No | 1290.1 | 12 paper and cardboard packaging | R13 | М | Weighed | Abroad | Dublin City Council | 12,.,Ireland Merrywell Business Park,Ballymount,Dublin | | |
| hin the Country | 15 01 02 | No | 0. | .0 plastic packaging | R12 | М | Weighed | Offsite in Ireland | | 12,., reland Lower Ballymount | | |
| thin the Country | 15 01 02 | No | 2851.4 | 12 plastic packaging | R12 | М | Weighed | Offsite in Ireland | Irish Packaging Recycling Ltd,W0263-01 | Road, Walkinstown, Dublin 12,.,Ireland | | |
| hin the Country | 15 01 03 | No | 0. | .0 wooden packaging | R12 | М | Weighed | Offsite in Ireland | Conroy Recycling Company Ltd,WFP-WH-2009-0002-01 | Co.Westmeath,Ireland | | |
| hin the Country | 16 01 03 | No | 0. | 0 end-of-life tyres | R1 | М | Weighed | Offsite in Ireland | Wilton Waste Recycling Ltd,WFP-CN-10-0005-01(1) | Kiffagh,Crosserlough,Ballyja mesduff,Co. Cavan,Ireland | | |
| hin the Country | 16 01 03 | No | 11.4 | 14 end-of-life tyres | R12 | М | Weighed | Offsite in Ireland | Irish Packaging Recycling W0263-01 | Lower Ballymount Road, Walkinstown, Dublin 12,lreland | | |
| | | | | mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 | | | vvoigned | Olloite III ileland | Behans Land Restoration | Blackhall, Punchestown, Naa | | |
| thin the Country | 17 01 07 | No | 0. | .0 01 06 | R12 | М | Weighed | Offsite in Ireland | Ltd,W0247-01 | s,Co. Kildare,Ireland Beauparc Business | | |
| thin the Country | 17 02 01 | No | 0 | .0 wood | R12 | М | Weighed | Offsite in Ireland | Nurendale,W0140-03 | Park,Navan,Co. Meath,.,Ireland Lisduff,Carnbane Business | | |
| thin the Country | 17 02 01 | No | 0. | .0 wood | R12 | М | Weighed | Offsite in Ireland | McKinstry,LN/16/16 | Park,Newry Co. Down,.,United Kingdom | | |
| | 47.00.00 | | | | 240 | | | | Irish Packaging Recycling | Lower Ballymount Road,Walkinstown,Dublin | | |
| thin the Country | | No No | | soil and stones other than those mentioned | R12 R10 | M | Weighed Weighed | Offsite in Ireland Offsite in Ireland | Behans Land Restoration | 12,.,lreland Blackhall,Punchestown,Na s.Co. Kildare.lreland | a | |
| iii tiic Odinay | 17 03 04 | 140 | 4541.1 | soil and stones other than those mentioned | 1010 | | Weighted | Olisice in include | Murphy Environmental | Hollywood Great, Nags Head, The Naul, Co. | | |
| hin the Country | 17 05 04 | No | 0. | 0 in 17 05 03 | R10 | М | Weighed | Offsite in Ireland | | Dublin,Ireland Beauparc Business | | |
| nin the Country | 17 05 04 | No | 0. | soil and stones other than those mentioned 0 in 17 05 03 | R12 | М | Weighed | Offsite in Ireland | Nurendale,W0140-03 | Park,Navan,Co. Meath,.,Ireland Beauparc Business | | |
| nin the Country | 17 08 02 | No | 0. | gypsum-based construction materials other 0 than those mentioned in 17 08 01 | R12 | м | Weighed | Offsite in Ireland | Nurendale,W0140-03 | Park,Navan,Co. Meath,,Ireland | | |
| , | | | | | | | , and the second | | | 31 The Dales,Cookstown,Co. | | |
| Other Countries | 17 08 02 | No | 0. | gypsum-based construction materials other 0 than those mentioned in 17 08 01 | R12 | М | Weighed | Abroad | Baron Recycling Ltd,Ni 070049 | Tyrone,BT80 8TF,United Kingdom 129A Coolkeeran | | |
| | | | | gypsum-based construction materials other | | | | | | Road,Loughguile,Ballymear Co. Antrim BT44 9JL,Unite | | |
| Other Countries | 17 08 02 | No | 0. | | R12 | М | Weighed | Abroad | Laverty (Patrick),LN/11/69/ | Kingdom 23 Downpatrick | | |
| Other Countries | 17.09.02 | No | 0 | gypsum-based construction materials other 0 than those mentioned in 17 08 01 | R12 | м | Weighed | Abroad | MacNabb Bros. Waste Disposal Ltd,LN/09/111/M | Road,Killough,Co. Down,BT30 7QB,United Kingdom | | |
| Other Countries | 17 00 02 | 140 | 0. | mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 | NIZ | | weighed | Abroad | Disposal Etu,Etwo3/11//W | Beauparc Business Park,Navan,Co. | | |
| hin the Country | 17 09 04 | No | 2096.6 | | R12 | М | Weighed | Offsite in Ireland | Nurendale,W0140-03 | Meath,,,Ireland Conway Port Industrial | | |
| hin the Country | 19 12 02 | No | 0. | 0 ferrous metal | R12 | М | Weighed | Offsite in Ireland | Multimetals,WFP-WW-09- 0014-01 | Estate, Bollarney, Murrough, Co. Wicklow, Ireland Block 402 Jordanstown | | |
| | | | | | | | | | Electrical Waste Management Ltd,WFP-DS- | Drive, Greenogue Industrial Estate, Rathcoole, Co. | | |
| hin the Country | 19 12 02 | No | 0. | 0 ferrous metal | R12 | М | Weighed | Offsite in Ireland | 09-0012-01 | Dublin,Ireland Beauparc Business | | |
| hin the Country | 19 12 02 | No | 0. | 0 ferrous metal | R12 | М | Weighed | Offsite in Ireland | Nurendale,W0140-03 | Park,Navan,Co. Meath,.,Ireland | | |
| hin the Country | 19 12 02 | No | 0. | 0 ferrous metal | R12 | М | Weighed | Offsite in Ireland | Wilton Waste Recycling Ltd,WFP-CN-10-0005-01(1) | Kiffagh,Crosserlough,Ballyj mesduff,Co. Cavan,Ireland Beauparc Business | a | |
| thin the Country | 19 12 03 | No | 0. | 0 non-ferrous metal | R12 | м | Weighed | Offsite in Ireland | Nurendale,W0140-03 | Park,Navan,Co. Meath,.,Ireland | | |
| | | | | | | | | | Multi-rate MED MAN 00 | Conway Port Industrial Conway Port Industrial | | |
| thin the Country | 12 03 | No | 0. | 0 non-ferrous metal | R12 | М | Weighed | Offsite in Ireland | Wilton Waste Recycling | Estate, Bollarney, Murrough, Co. Wicklow, Ireland Kiffagh, Crosserlough, Ballyia | | |
| thin the Country | 19 12 03 | No | 0. | 0 non-ferrous metal | R12 | М | Weighed | Offsite in Ireland | Ltd,WFP-CN-10-0005-01(1) St. Margarets Recycling & | | | |
| thin the Country | 19 12 03 | No | 0. | 0 non-ferrous metal | R4 | М | Weighed | Offsite in Ireland | Transfer Centre Ltd,WFP- FG-13-0002-01 | Sandyhills, St. Margarets ,Co. Dublin ,?,Ireland Lower Ballymount | | |
| thin the Country | 19 12 04 | No | 0 | 0 plastic and rubber | R12 | М | Weighed | Offsite in Ireland | Irish Packaging Recycling ,W0263-01 | Road, Walkinstown, Dublin 12,lreland | | |
| thin the Country | 19 12 07 | No | 0. | 0 wood other than that mentioned in 19 12 06 | | М | Weighed | Offsite in Ireland | Acom Recycling Ltd,W0249- 01 | Tipperary,.,lreland | | |
| thin the Country | 19 12 07 | No | 0. | 0 wood other than that mentioned in 19 12 06 | R12 | М | Weighed | Offsite in Ireland | Clonmel Waste, WFP-TS-11- 0001-01 | Tipperary,,,lreland | | |
| thin the Country | 19 12 07 | No | 1227.4 | 8 wood other than that mentioned in 19 12 06 | R12 | М | Weighed | Offsite in Ireland | Greenstar Bray,W0053-03 | Fassaroe,Bray,Co. Wicklow,,,Ireland Lisduff,Carnbane Business | | |
| thin the Country | 19 12 07 | No | 0. | 0 wood other than that mentioned in 19 12 06 | R12 | М | Weighed | Offsite in Ireland | McKinstry,LN/16/16 | Park,Newry Co. Down,,United Kingdom | | |
| ithin the Country | 19 12 07 | No | 0 | 0 wood other than that mentioned in 19 12 06 | R12 | М | Weighed | Offsite in Ireland | Padraic Thornton Waste Disposal Ltd,WFP-KE-10- 061-01 | Oldmilltown,Kill,Co. Kildare,.,Ireland | | |
| country | 10 12 0/ | 140 | 0. | o wood other than that mentioned in 19 12 06 | IXIZ | IW | vvergned | Onsite in ireland | VVI-01 | Kildare,.,Ireland Beauparc Business Park,Navan,Co. | | |
| ithin the Country | 19 12 07 | No | 0. | 0 wood other than that mentioned in 19 12 06 | R12 | М | Weighed | Offsite in Ireland | Nurendale,W0140-03 | Meath,lreland Lower Ballymount | | |
| thin the Country | 19 12 07 | No | 0. | 0 wood other than that mentioned in 19 12 06 | R12 | М | Weighed | Offsite in Ireland | Irish Packaging Recycling ,W0263-01 | Road, Walkinstown, Dublin 12,,Ireland | | |
| thin the Country | 19 12 10 | No | 0. | 0 SRF other wastes (including mixtures of | R1 | М | Weighed | Offsite in Ireland | Lagan Cement,P0487 | Kinnegad,Co. Westmeath,,Ireland | | |
| | | | | materials) from mechanical treatment of wastes other than those mentioned in 19 | | | | | | Beauparc Business Park,Navan,Co. | | |
| hin the Country | | No | | 6 12 11 | R12 | М | Weighed | | Nurendale,W0140-03 | Meath,,Ireland Rathdrinagh,Beauparc,Nava | | |
| nin the Country | 19 12 12 | No | 0. | 0 RDF | R12 | М | Weighed | Offsite in Ireland | Panda Navan,W0140-03 | n,Co. Meath,Ireland | | |



| equipment other than those mentioned in Estate, Daingean | Within the Country | 12 12 | No | other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 0.0 12 11 | D1 | М | Weighed | Offsite in Ireland | Ballynagran Landfill,W0165.02 | Ballynagran,Co. Wicklow,,Ireland | | |
|--|--------------------|----------------|--------|--|-------|---|---------|--------------------|---|---|--|--|
| Column C | | | | materials) from mechanical treatment of | | | | | | | | |
| Part | Within the Country | 19 12 12 | No | 0.0 12 11 other wastes (including mixtures of | R11a | М | Weighed | Offsite in Ireland | Ballynagran Landfill,W0165.02 | Ballynagran,Co. Wicklow,.,,,lreland | | |
| Section 1.10 | Within the Country | 19 12 12 | No | wastes other than those mentioned in 19 0.0 12 11 other wastes (including mixtures of | R12 | М | Weighed | Offsite in Ireland | Greenstar Bray,W0053-03 | | | |
| Section Courty 1 1 1 1 1 1 1 1 1 | Within the Country | 19 12 12 | No | wastes other than those mentioned in 19 0.0 12 11 | R1 | М | Weighed | Offsite in Ireland | Indaver,W0167 | | | |
| Marie Care 1971 1971 1972 1 | Within the Country | 19 12 12 | No | materials) from mechanical treatment of wastes other than those mentioned in 19 | R10 | М | Weighed | Offsite in Ireland | Tara Mines,P0516-03 | Meath,.,Ireland | | |
| To the Court | To Other Countries | 20 01 01 | No | 0.0 paper and cardboard | R12 | М | Weighed | Abroad | Nurendale Broker,IREAG133 17 | 3-rd,Walkinstown,Dublin 12,.,Ireland | | |
| Part | To Other Countries | 20 01 01 | No | 0.0 paper and cardboard | R12 | М | Weighed | Abroad | | 12,.,Ireland Shepherds Drive,Carnbane | | |
| 1. | To Other Countries | 20 01 02 | No | 0.0 glass | R12 | М | Weighed | Abroad | Regen,44110 | Down,BT35 6JQ,United Kingdom Glenside | | |
| March County 2018 10 10 10 10 10 10 10 | To Other Countries | 20 01 08 | No | 0.0 biodegradable kitchen and canteen waste | R3 | М | Weighed | Abroad | Natural World Products,P0341-10A | Antrim,BT17 0LH,United Kingdom | | |
| Section Courty 1910 19 19 19 19 19 19 | To Other Countries | 20 01 08 | No | 20039.64 biodegradable kitchen and canteen waste | R3 | М | Weighed | Abroad | | Rd,Keady,Co. Armagh,BT60 3RA,United Kingdom | | |
| Many to Country 2013 201 | Within the Country | 20 01 08 | No | 159.9 biodegradable kitchen and canteen waste | R3 | М | Weighed | Offsite in Ireland | Enviro Grind Ltd,WFP-DL-11 0004-01 | l-Road,Pettigo,Co. Donegal,Ireland | | |
| Minch to Country 24 10 2 | Within the Country | ▼ 01.08 | No | 23.0 biodegradable kitchen and canteen wast | e R13 | м | Weighed | Offsite in Irela | Greenstar Millennium | Road, Finglas, Dublin | | |
| White the Custory 20 11 20 20 20 20 20 20 | | • | | | | | | | OToole Composting,WF | P- Ballintrane,Co. | | |
| Min the County 2018 18 18 18 18 18 18 18 | Within the Country | 20 01 08 | No | 0.0 biodegradable kitchen and canteen wast | e R3 | М | Weighed | Offsite in Irela | Waddock Composting, V and CW-13-001-01 | Carlow,,Ireland | | |
| Math the Custors 20 11 20 20 11 20 20 11 20 20 | Within the Country | 20 01 08 | No | 0.0 biodegradable kitchen and canteen wast | e R13 | м | Weighed | Offsite in Irela | and Nurendale,W0039-02 | Cross, Tallaght, Dublin | | |
| Might like Custory 2013 7 19 19 19 19 19 19 19 | | | | | | м | | Offsite in Irela | Acom Recycling Ltd,Wo and 01 | 0249- Ballybeg,Littleton,Co. | | |
| Mathe Book Declaration 2 of 1 36 | | | | equipment other than those mentioned in 20 01 21 and and 20 01 23 containing | | | | | | Estate, Daingean Road, Tullamore, Co. | 03,Cappincur Industrial Estate,Daingean | Cappincur Industrial Estate, Daingean Road, Tullamore, Co. |
| Within the County 2013 2 | Within the Country | 20 01 35 | Yes | discarded electrical and electronic | | М | Weighed | Offsite in Irela | | Cappincur Industrial Estate, Daingean | Offaly, Ireland | Offaly, Ireland |
| Amount Common C | • | | | 0.0 20 01 21, 20 01 23 and 20 01 35 discarded electrical and electronic equipment other than those mentioned in | R12 | | , v | | nd Ltd,W0113-03 Wilton Waste Recycling | Offaly, Ireland Kiffagh, Crosserlough, Ballyja | 1 | |
| Column Country 20 13 20 3 4 20 20 20 20 20 20 20 | | | | discarded electrical and electronic equipment other than those mentioned in | 1 | | | | Ecycle Management | Jamestown Road,Inchicore,Dublin | | |
| Within the Country 20 01 30 10 20 01 plastics R12 M Weighted Official in Intelligent Country Cou | | | | | | | | | | Lisduff,Carnbane Business Park,Newry Co. Down,.,United Kingdom | | |
| Within the Country 20 13 9 | Within the Country | 20 01 39 | No | 29.0 plastics | R12 | М | Weighed | Offsite in Irela | Irish Packaging Recycli and ,W0263-01 | ng Road, Walkinstown, Dublin 12,., Ireland | | |
| Mathin the Country 20 01 40 10 506 428 metals R12 M Weighted Office in reland Office | Within the Country | 20 01 39 | No | 0.0 plastics | R12 | М | Weighed | Offsite in Irela | Environmentals,WFP-LH | H-11- TD,Haggardstown,Dundalk Co. Louth,Ireland | | |
| Within the Country 20 02 01 No 3.6 82 biodegradable waste R3 M Weighted Offste in feland Bord Na Mona World 90 16 Notes New Heart South Personal Principle No No No No No No No N | Within the Country | 20 01 40 | No | 506.428 metals | R12 | М | Weighed | Offsite in Irela | | Estate, Bollarney, Murrough, | | |
| Within the Country 20 92 21 | Within the Country | 20 02 01 | No | 0.0 biodegradable waste | R3 | М | | Offsite in Irela | and Bord Na Mona, W0198.0 | 11 Kildare,.,lreland | | |
| Within the Country 20 02 02 No 0.0 soli and stones R10 M Veighted Offste in Ireland Tara Mines P0516-33 Metalh, Jeland Kymockumber, Nama Co. Metalh, Jeland Subject of Metalh, | Within the Country | 20 02 01 | No | 36.82 biodegradable waste | R3 | М | Weighed | Offsite in Irela | nd Enrich,WFP-MH-08-000 | Stud,Newtownrathganley,Ki 4-02 cock,Co. Meath,Ireland Ballymount | I | |
| Within the Country 20 30 20 No 10 0 0 sold and stones R10 M Weighted Offset in Ireland Tark Mines PD616-63 Methyllogan Co. Within the Country 20 30 10 No 12 7 Dry Recyclables R12 M Weighted Offset in Ireland Tark Mines PD616-63 Methyllogan Co. Within the Country 20 30 10 No 1588-32 Dry Recyclables R12 M Weighted Offset in Ireland Tark Mines PD616-63 Methyllogan Co. Within the Country 20 30 10 No 0 0 mixed municipal waste R13 M Weighted Offset in Ireland R14 Mines PD616-63 Methyllogan Co. Silv. Co. Topperary, Nelland Shiphpards Drec Cambaine Industrial Estate Pleary Co. Down ST3 56J, United Kingdom Co. Silv. Co. Topperary, Nelland Shiphpards Drec Cambaine Industrial Estate Pleary Co. Down ST3 56J, United Kingdom Co. Silv. Co. Topperary, Nelland Shiphpards Drec Cambaine Industrial Estate Pleary Co. Down ST3 56J, United Kingdom Co. Silv. Co. Topperary, Nelland Shiphpards Drec Cambaine Industrial Estate Pleary Co. Down ST3 56J, United Kingdom Co. Silv. Co. Topperary, Nelland Shippards Drec Cambaine Industrial Estate Pleary Co. Down ST3 56J, United Kingdom Co. Silv. Co. Topperary, Nelland Shippards Drec Cambaine Industrial Estate Pleary Co. Down ST3 56J, United Kingdom Co. Silv. Co. Topperary, Nelland Shippards Drec Cambaine Industrial Estate Pleary Co. Down ST3 56J, United Kingdom Co. Silv. Co. Topperary, Nelland Shippards Drec Cambaine Industrial Estate Pleary Co. Down ST3 56J, United Kingdom Co. Silv. Co. Topperary, Nelland Shippards Drec Cambaine Industrial Estate Pleary Co. Down ST3 56J, United Kingdom Co. Silv. Co. Topperary, Nelland Shippards Drec Cambaine Industrial Estate Pleary Co. Down ST3 56J, United Kingdom Co. Silv. Co. Topperary, Nelland Shippards Drec Cambaine Industrial Estate Pleary Co. Down ST3 56J, United Kingdom Co. Silv. Co. Topperary, Nelland Shippards Drec Cambaine Industrial Estate Pleary Co. Silv. Co. New York Co. New York Co. New York Co. New York Co. Ne | Within the Country | ■ 02 01 | No | 0.0 biodegradable waste | R13 | М | Weighed | Offsite in Ireland | Nurendale,W0039-02 | 24,.,Ireland | | |
| Within the Country 20 03 01 No 768974 moxed municipal waste D1 M Weighed Offsite in Ireland Caundiff, Worksoft, Jenand Shephetic Druc, Cardisch On-Surf, Co. Tipperary, Jerland Shephetic Druc, Cardisch On-Surf, Cardisch On-Surf, Co. Tipperary, Jerland Shephetic Druc, Cardisch On-Surf, Cardisch On-Sur | Within the Country | 20 02 02 | No | 0.0 soil and stones | R10 | М | Weighed | Offsite in Ireland | | Meath,.,Ireland | | |
| Within the Country 20 30 11 No 12.7 Dry Recyclables R12 M Weighed Offsite in Ireland 12-0002-04 Sui, Co. Toperary, Jeland Shephered Drive, Cambane Industrial Estate Newy Co. Down F135 63 United Shephered Drive, Cambane Industrial Estate Newy Co. Down F135 64 United Kingdom Billymount Cross, Talagh, Dublin Cry. Council Within the Country 20 03 01 No 0.0 mixed municipal waste D1 M Weighed Offsite in Ireland Marendale, W0039-02 United Country 20 03 01 No 1565-93 Dry Recyclables R12 M Weighed Offsite in Ireland MFF W0358-01 Tale Nove Flathymount Dublin Cry. Council Irish Packaging Recycling Modern Country 20 03 01 No 50-54 Dry Recyclables R12 M Weighed Offsite in Ireland Country 20 03 01 No 0.0 pry Recyclables R12 M Weighed Offsite in Ireland Country 20 03 01 No 0.0 Dry Recyclables R13 M Weighed Offsite in Ireland Disposal W2017-01 (Linear Dublin Cry. Council Irish Packaging Recycling Nove Flathymount D | Within the Country | 20 03 01 | No | 7689.74 mixed municipal waste | D1 | М | Weighed | Offsite in Ireland | Landfill,W0165.02 | Wicklow,,Ireland | | |
| To Other Countries 20 0 3 0 1 | Within the Country | 20 03 01 | No | 12.7 Dry Recyclables | R12 | М | Weighed | Offsite in Ireland | | Suir,Co. Tipperary,,,Ireland Shepherds Drive,Carnbane Industrial Estate,Newry Co. | | |
| Within the Country 20 3 01 No 0 0 mixed municipal waste R13 M Weighed Offste in Ireland Whitener Landfill, Wood-94 2 4, Ireland Merrywell Business Dublin Cdy, Council | | | No | 5884.32 Dry Recyclables | | М | | | | Kingdom Ballymount | | |
| Methylen the Country 20 0 3 0 1 No 11563 39 Dry Recyclables R12 M Weighed Offsite in Ireland MRF, W0238-01 Lip-land The Kerries Tralee, Co. | Within the Country | 20 03 01 | No | 0.0 mixed municipal waste | R13 | M | Weighed | Offsite in Ireland | Nurendale,W0039-02 | | | |
| Within the Country 20 30 11 No 11569 39 Dry Recyclables R12 M Weighed Offsite in Ireland MRF-W0238-01 The Kerries Tralee Co. Within the Country 20 30 11 No 50.54 Dry Recyclables R12 M Weighed Offsite in Ireland Ireland Forward Recycling | Within the Country | 20 03 01 | No | 0.0 mixed municipal waste | D1 | М | Weighed | Offsite in Ireland | | Merrywell Business | | |
| Within the Country 20 0 0 0 1 No 50.54 Dry Recyclables R12 M Weighed Under the Country 20 0 0 0 1 No 50.54 Dry Recyclables R12 M Weighed Offsite in Ireland University (Weighed Country 20 0 0 0 1 No 0 0 Dry Recyclables R12 M Weighed Offsite in Ireland University (Weighed Country 20 0 0 0 1 No 0 0 Dry Recyclables R13 M Weighed Offsite in Ireland University (Weighed Country 20 0 0 0 1 No 0 0 Dry Recyclables R13 M Weighed Offsite in Ireland Dry Recyclables R13 M Weighed Offsite in Ireland Dry Recyclables R14 M Weighed Offsite in Ireland Dry Recyclables R15 M Weighed Offsite in Ireland Dry Recyclables R16 M Restational Dry Recyclables R17 M Weighed Offsite in Ireland Dry Recyclables R17 M Weighed Offsite in Ireland Dry Recyclables R17 M Weighed Offsite in Ireland Dry Recyclables R17 M Weighed R17 M Restational Dry Recyclables R17 M Restational R17 M Restational R18 M Recyclables R18 M Restational R18 M Recyclables R18 M Restational R18 M Recyclables R18 M Recyclable | | | No | 11569.39 Dry Recyclables | R12 | М | Weighed | | MRF,W0238-01 Dillon waste and | 12,., reland The Kerries,Tralee,Co. | | |
| Within the Country 20 3 0 1 No 50.54 Dry Recyclables R12 M Weighed Offsite in Ireland Ltd, W0263-01 Ltd, W0263-0 | Within the Country | 20 03 01 | No | 3332.172 Dry Recyclables | R12 | М | Weighed | Offsite in Ireland | recycling,WFP KY 10-001 | Kerry,.,Ireland Lower Ballymount | | |
| Within the Country 20 0 0 0 1 No 0 Dry Recyclables R12 M Weighed Offsite in Ireland Disposal W0217-01 Kerry, Ireland Rathformaph, Beauguar, Nava no. O. Meath, Ireland Disposal W0217-01 (And Nava W0104-0-03 no. O. Meath, Ireland Disposal W0217-01 no. Meath, Ireland Caranstown, Duleek, Co. Wethin the Country 20 0 0 0 1 No 7701.88 mixed municipal waste R1 M Weighed Offsite in Ireland Disposal W0217-01 (And Nava W0104-0-03 no. O. Meath, Ireland Disposal W0217-01 no. Meath, Ireland Disposal W0217-01 (And Nava W0104-0-03 no. O. Meath, Ireland Disposal W0217-01 (And Nava W0104-0-03 no. Meath, Ireland Disposal W0217-01 (And Nava W0104-03 no. Meath, Ireland Disposal W0104-03 no. Meath, Ireland Disposal W0104-03 (And Nava W0104-03 no. Meath, Ireland Disposal W0104-03 no. Meath, Ireland Disposal | Within the Country | 20 03 01 | No | 50:54 Dry Recyclables | R12 | М | Weighed | Offsite in Ireland | Ltd,W0263-01 | 12,.,lreland | | |
| Within the Country 20 03 01 No 0 Dry Recyclables R13 M Weighed Offsite in Feland Panda Naran M014-0-03 n. Co. Meath, Ireland Unit 51 Henry Road, Park Within the Country 20 03 01 No 0 Dry Recyclables R12 M Weighed Offsite in Feland Individual Carrantsown, Duleek, Co. Within the Country 20 03 01 No 7701 88 mixed municipal waste R1 M Weighed Offsite in Ireland Individual Naran Co. Within the Country 20 03 01 No 17.12 mixed packaging R12 M Weighed Offsite in Ireland Individual Naran Co. Within the Country 20 03 01 No 3724.76 mixed municipal waste D1 M Weighed Offsite in Ireland Individual Naran Co. Within the Country 20 03 01 No 3724.76 mixed municipal waste D1 M Weighed Offsite in Ireland Individual Naran Co. Within the Country 20 03 01 No 8169.34 mixed municipal waste D1 M Weighed Offsite in Ireland Individual Naran Co. Within the Country 20 03 01 No 8169.34 mixed municipal waste D1 M Weighed Offsite in Ireland Individual Naran Co. Within the Country 20 03 01 No 8169.34 mixed municipal waste D1 M Weighed Offsite in Ireland Individual Naran Co. Within the Country 20 03 01 No 8169.34 mixed municipal waste D1 M Weighed Offsite in Ireland Individual Naran Co. Within the Country 20 03 01 No 8169.34 mixed municipal waste D1 M Weighed Offsite in Ireland Individual Naran Co. Within the Country 20 03 01 No 8169.34 mixed municipal waste D1 M Weighed Offsite in Ireland Individual Naran Co. Within the Country 20 03 01 No 8169.34 mixed municipal waste D1 M Weighed Offsite in Ireland Individual Naran Co. Within the Country 20 03 01 No 8169.34 mixed municipal waste D1 M Weighed Offsite in Ireland Individual Naran Co. Within the Country 20 03 01 No 8169.34 mixed municipal waste D1 M Weighed Offsite in Ireland Individual Naran Co. Within the Country 20 03 01 No 8169.34 mixed municipal waste D1 M Weighed Offsite in Ireland Individual Naran Co. Within the Country 20 03 01 No 8169.34 mixed municipal waste D1 M Weighed Offsite in Ireland Individual Naran Co. Within the Country 20 03 01 No 8169.34 mixed municipal wast | Within the Country | 20 03 01 | No | 0.0 Dry Recyclables | R12 | М | Weighed | Offsite in Ireland | Disposal,W0217-01 | Kerry,.,lreland | | |
| Within the Country 20 3 9 1 No 0 Dry Recyclables R12 M Weighed Offisite in Ireland Caranstown, Duleek, Co. Within the Country 20 3 9 1 No 7701 88 mixed municipal waste R1 M Weighed Offisite in Ireland Indexer W0167 Beaugur. Business Within the Country 20 3 9 1 No 17.12 mixed packaging R12 M Weighed Offisite in Ireland Indexer W0167 Beaugur. Business Park Navan, Co. Within the Country 20 3 9 1 No 3724.76 mixed municipal waste D1 M Weighed Offisite in Ireland Indexer W0167 Beaugur. Business Park Navan, Co. Within the Country 20 3 9 1 No 3724.76 mixed municipal waste D1 M Weighed Offisite in Ireland Indexer W0167 Grant Mona Carbury, Co. Within the Country 20 3 9 1 No 8169.34 mixed municipal waste D1 M Weighed Offisite in Ireland Indexer W0167 In Ireland Ireland Indexer W0167 In Ire | Within the Country | 20 03 01 | No | 0.0 Dry Recyclables | R13 | М | Weighed | Offsite in Ireland | | n,Co. Meath,Ireland Unit 51 Henry Road,Park | | |
| Within the Country 20 03 01 No 7701.88 mixed municipal waste R1 M Weighed Offsite in Ireland Indexer.W0167 Meath_Ireland Beaupars. Eliginates Park, Navan, Co. Within the Country 20 03 01 No 17.12 mixed packaging R12 M Weighed Offsite in Ireland Numendale, W0140-03 Meath_Ireland Sort na Mona Grand Mona Carbury, Co. Within the Country 20 03 01 No 3724.76 mixed municipal waste D1 M Weighed Offsite in Ireland Numendale, W0140-04 Mona Carbury, Co. Within the Country 20 03 01 No 8169.34 mixed municipal waste D1 M Weighed Offsite in Ireland Offsi | Within the Country | 20 03 01 | No | 0.0 Dry Recyclables | R12 | М | Weighed | Offsite in Ireland | Thorntons Recycling,WFP- DC-10-0021-02 | West Business Park, Dublin 12,.,Ireland | | |
| Within the Country 20 33 01 No 17.12 mixed packaging R12 M Weighed Offsite in Ireland Numerdale W0140-03 Mesth. Ireland Garbury Co. Within the Country 20 33 01 No 3724.76 mixed municipal waste D1 M Weighed Offsite in Ireland Dehid W0201-03 KildareIreland Knackharley Landfill, W0146-05 Knackharley Landfill, | Within the Country | 20 03 01 | No | 7701.88 mixed municipal waste | R1 | М | Weighed | Offsite in Ireland | Indaver,W0167 | Meath,.,Ireland Beauparc Business | | |
| Within the Country 20 30 91 No 3724.76 mixed municipal waste D1 M Weighed Offiste in Ireland Dehild, W0201-03 Kildare, Ireland Knockharley Landfill, W0164- Knockharley, Nama, Co. Within the Country 20 03 91 No 8169.34 mixed municipal waste D1 M Weighed Offiste in Ireland 02 Meath., Ireland 02 Clement Business Leinster Leinster Leinster Environmentals, WFP-LH-11. TD Hagagardstown, Durdalk | Within the Country | 20 03 01 | No | 17.12 mixed packaging | R12 | М | Weighed | Offsite in Ireland | Nurendale,W0140-03 Bord na Mona | Meath,,,Ireland | | |
| Within the Country 20 03 01 No 8169.34 mixed municipal waste D1 M Weighed Offsite in Ireland 02 Meath_Ireland Clement Business Leinster Enkingent Surface (Section 10 10 10 10 10 10 10 10 10 10 10 10 10 | Within the Country | 20 03 01 | No | 3724.76 mixed municipal waste | D1 | М | Weighed | Offsite in Ireland | Drehid,W0201-03 | Kildare,,lreland | | |
| Environmentals, WFP-LH-11- TD, Haggardstown, Dundalk | Within the Country | 20 03 01 | No | 8169.34 mixed municipal waste | D1 | М | Weighed | Offsite in Ireland | 02 | Meath,.,Ireland Clermont Business | | |
| | Within the Country | 20 03 01 | No | 0.0 Dry Recyclables | R12 | М | Weighed | Offsite in Ireland | Environmentals, WFP-LH-11- | TD,Haggardstown,Dundalk | | |



| | | | | | | | | SDCC Baling | Ballymount Road,Walkinstown,Dublin |
|--|----------|----------|---|-----------|--------|--------------------|--------------------|---|--|
| Within the Country | ▼ 03 01 | No | 4189.54 mixed municipal waste | R12 | M | Weighed | Offsite in Irelan | d Station,W0003-03 | 12,.,Ireland |
| Within the Country | 20 03 01 | No | 0.0 Dry Recyclables | R12 | М | Weighed | Offsite in Irelan | Wilton Waste Recycling d Ltd,WFP-CN-10-0005-01 | |
| Within the Country | 20 03 07 | No | 128.18 bulky waste | R12 | М | Weighed | Offsite in Irelan | d Panda Navan,W0140-04 | Rathdrinagh,Beauparc,Nava n,Co. Meath,Ireland |
| Trainin and Oddinay | 20 00 01 | | izo. 10 bany naoto | | | Troigilou | Onorto in notali | | Sarsfield Court Industrial |
| Within the Country | 20 03 07 | No | 15.26 bulky waste | R12 | М | Weighed | Offsite in Irelan | Greenstar d Glynntown,W0136-03 | Estate, ,Glanmire,Co. Cork,Ireland |
| Within the Country | | No | 457.6 mixed packaging | R12 | М | Weighed | | d Greenstar Bray, W0053-0 | Fassaore,Bray, ,Co. Wicklow,Ireland |
| Thum are seamly | 2000 | | To the training partiagning | | | | | | Millennium Park, Cappagh |
| Within the Country | 15 01 02 | No | 32.92 plastic packaging | R12 | М | Weighed | Offsite in Irelan | Greenstar Millennium Id Park,W0183-01 | Road,Finglas ,Dublin 11,Ireland |
| | | | | | | | | Leinster | Clermont Business Park,Haynestown |
| | | | | | | | | Environmentals,WFP-LH | -11- TD,Haggardstown,Dundalk |
| Within the Country | 15 01 02 | No | 3.92 plastic packaging | R12 | М | Weighed | Offsite in Irelan | id 0002-01 | Co. Louth,Ireland |
| Within the Country | 15.01.03 | No | 57.12 wooden packaging | R12 | М | Weighed | Offsite in Irelan | d C.J. Sheeran.P0337-01 | Shannon Street, ,Mountrath,Co. Laois,Ireland |
| , | | | | | | | | | Millennium Park,Cappagh |
| Within the Country | 16 01 03 | No | 4.26 end-of-life tyres | R1 | М | Weighed | Offsite in Irelan | Greenstar Millennium d Park,W0183-01 | Road,Finglas ,Dublin 11,Ireland |
| | | | mixture of concrete, bricks, tiles and ceramics other than those mentioned in 1 | 17 | | | | Greenstar Millennium | Millennium Park,Cappagh Road,Finglas ,Dublin |
| Within the Country | 17 01 07 | No | 28.74 01 06 | R12 | M | Weighed | Offsite in Irelan | d Park,W0183-01 | 11,Ireland |
| | | | | | | | | Greenstar Millennium | Millennium Park,Cappagh Road,Finglas ,Dublin |
| Within the Country | 17 04 05 | No | 27.96 iron and steel | R12 | М | Weighed | Offsite in Irelan | d Park,W0183-01 | 11,Ireland Huntstown Quarry,Kilshane |
| | | | | | | | | Roadstone Limited - | and Johnstwon |
| Within the Country | 17 05 04 | No | soil and stones other than those mention 412.42 in 17 05 03 | ed R12 | М | Weighed | Offsite in Irelan | Huntstown Quarry,W027 id 02 | 7- Townlands,Finglas,Dublin 11,Ireland |
| | | | soil and stones other than those mention | ad | | | | Greenstar Millennium | Millennium Park,Cappagh Road,Finglas ,Dublin |
| Within the Country | 17 05 04 | No | 54.78 in 17 05 03 | R12 | М | Weighed | Offsite in Irelan | | 11,Ireland |
| | | | | | | | | Greenstar Millennium | Millennium Park,Cappagh Road,Finglas ,Dublin |
| Within the Country | 19 12 04 | No | 1.72 plastic and rubber | R12 | М | Weighed | Offsite in Irelan | d Park,W0183-01 | 11,Ireland Millennium Park,Cappagh |
| Within the Country | 40.40.07 | No | 4.84 wood other than that mentioned in 19 12 | 00 D40 | М | Weighed | Official in Indian | Greenstar Millennium ad Park, W0183-01 | Road,Finglas ,Dublin 11,Ireland |
| | | | | | | • | | Clonmel Waste, WFP-TS | 3-11- Lawlesstown, Clonmel, Co. |
| Within the Country | | No | 88.5 wood other than that mentioned in 20 01 | | М | Weighed | Offsite in Irelan | id 0001-01 | Tipperary,,,Ireland Fassaore,Bray, ,Co. |
| Within the Country | 20 01 38 | No | 13.84 wood other than that mentioned in 20 01 37 | R12 | M | Weighed | Offsite in Ireland | Greenstar Bray,W0053-03 | Wicklow, Ireland Millennium Park, Cappagh |
| Within the Country | 20.04.20 | No | 8.28 wood other than that mentioned in 20 01 37 | Dia | м | Weighed | Offsite in Ireland | Greenstar Millennium | Road,Finglas ,Dublin 11,Ireland |
| within the Country | 20 01 36 | 140 | 6.26 Wood other than that mentioned in 20 01 37 | RIZ | IVI | vveigned | | | Millennium Park, Cappagh |
| Within the Country | 20 01 40 | No | 18.12 metals | R12 | М | Weighed | Offsite in Ireland | Greenstar Millennium Park,W0183-01 | Road,Finglas ,Dublin 11,Ireland |
| | | | | | | | | David Recycling | Unit 648 Jordanstown Drive,Greenogue Business |
| Within the Country | 20.01.40 | No | 10.94 metals | R12 | м | Weighed | | International Ltd,WFP-DS- 09-0012-01 | Park,Rathcoole,Co. Dublin,Ireland |
| Within the Country | 20 01 40 | INO | 10.54 metals | KIZ | IVI | vveigned | Olisite in Ireland | 05-0012-01 | Pigeon House |
| | | | | | | | | Dublin Waste to Energy | Road,Poolbeg Peninsula,Dublin |
| Within the Country | 20 03 01 | No | 20146.19 mixed municipal waste | R1 | М | Weighed | Offsite in Ireland | Limited,W0232-01 | 4,Dublin,Ireland Millennium Park,Cappagh |
| Within the Country | 20.02.04 | No | 233.57 mixed municipal waste | R12 | м | Waishad | Offsite in Ireland | Greenstar Millennium | Road,Finglas ,Dublin 11 Ireland |
| within the Country | 20 03 01 | NO | 233.97 Hilixed Hullicipal Waste | K12 | IVI | Weighed | | | Sarsfield Court Industrial |
| Within the Country | 20 03 01 | No | 3529.62 mixed municipal waste | R12 | М | Weighed | | Greenstar Glynntown,W0136-03 | Estate, ,Glanmire,Co. Cork,Ireland |
| | | | | | | | | Enviro Grind Ltd,WFP-DL-11 | Fincashel, Donegal - Road, Pettigo, Co. |
| Within the Country | 06 13 99 | No | 28.46 wastes not otherwise specified | R3 | M | Weighed | Offsite in Ireland | | Donegal,Ireland Greenogue Business Park, |
| | | | | | | | | | ,Rathcoole,Co. |
| Within the Country | 13 02 08 | Yes | 0.66 other engine, gear and lubricating oils | R9 | М | Weighed | Offsite in Ireland | Rilta ,W185-01 | Dublin,Ireland Long Mile |
| Within the Country | 16 05 04 | Yes | gases in pressure containers (including 0.34 halons) containing dangerous substances | R12 | М | Weighed | Offsite in Ireland | Calor Gas, | Road,Drimnagh,Dublin 12,Dublin ,Ireland |
| Within the Country | | No | 4.34 plastic packaging | R12 | м | - T | | NI Plastics,WFP-FG-08-002- 03 | |
| | | | | | | Weighed | | Broker Agnail | |
| To Other Countries | | No | 1123.24 paper and cardboard | R13 | М | Weighed | | Limited,IRE/AG117/18 Broker DS Smith | , , , , Ireland |
| To Other Countries To Other Countries | | No No | 5626.24 paper and cardboard 8858.92 paper and cardboard | R13 | M M | Weighed Weighed | Abroad Abroad | ,IRE/G008/17 Broker Vipa,IRE/G195/17 | , , , , lreland , , , , lreland |
| To Other Countries | | No | 344.28 paper and cardboard | R13 | м | Weighed | | Broker Cellmark,IRE/G466/18 | , , , , lreland |
| | | | | | | | | Broker Huhtamaki Lurgan | |
| To Other Countries | | No | 229.54 paper and cardboard | R13 | М | Weighed | | Ltd,IRE/G366/17 Broker MLM | , , , , lreland |
| To Other Countries | 20 01 01 | No | 220.68 paper and cardboard | | М | Weighed | Abroad | Ltd,IRE/G022/17 Broker Northwood | , Ireland |
| To Other Countries | 20.01.01 | No | 1937.2 paper and cardboard | R13 | М | Weighed | 8 | Broker Northwood Recycling,IRE/G282/17 | , Ireland |
| | | | • • | | | | | Broker Recycling UK | |
| To Other Countries | | No | 187.0 paper and cardboard | | М | Weighed | | Limited,IRE/G069/17 Broker Saica Natur | , , , , reland |
| To Other Countries | | No | 731.0 paper and cardboard | | М | Weighed | 8 | UK,IRE/G277/15 Broker | , , , , reland |
| To Other Countries | 15 01 01 | No | 1017.88 paper and cardboard packaging | R13 | M | Weighed | Abroad (| Cellmark,IRE/G466/18 Broker Mark Lyndon Paper | , , , , lreland |
| To Other Countries | 15 01 01 | No | 1423.6 paper and cardboard packaging | R13 | M | Weighed | Abroad I | Ltd,IRE/G021/17 | , Ireland |
| | | | | | | | | Broker Marwin Environmental | |
| To Other Countries | | No | 3245.62 paper and cardboard packaging | | М | Weighed | | Trading,IRE/G027/17 Broker MLM | , Ireland |
| To Other Countries | 15 01 01 | No | 480.58 paper and cardboard packaging | R13 | М | Weighed | Abroad I | Ltd,IRE/G022/17 Broker DS Smith | , , , , Ireland |
| To Other Countries | | No | 12339.19 paper and cardboard packaging | | M | Weighed | Abroad , | IRE/G008/17 | , , , , reland |
| To Other Countries | 10 01 01 | No | 10453.53 paper and cardboard packaging | R13 | IVI | Weighed | | Broker Vipa,IRE/G195/17 | , , , , , , , , , , , , , , , , , , , |
| Within the Country | 20 03 07 | No | 42.12 bulky waste | R12 | М | Weighed | Offsite in Ireland | Greenstar Millennium Park,W0183-01 | Road,Finglas ,Dublin 11,Ireland |
| | | | | | | | | | |