

 **Panda**
An Animal for Recycling

Head office: Beauparc Business Park, Navan, Co. Meath

Waste Licence Number W0140-03

Annual Environmental Report

01st January 2011 – 31st December 2011

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1.0 Introduction

Panda were granted their third EPA Waste Licence W0140-03 on the 26th March 2009. This replaces the old Licence W0140-02. Under this licence, Panda are permitted to process 250,000 tonnes per annum. Appendix A illustrates the current site layout.

1.1 Company details

Licence No: W0140-03

Name: Nurendale Limited t/a Panda

Address: Rathdrinagh
Beauparc
Co. Meath

Telephone Number: 1850 65 65 65

Fax Number: 046 9024189

Website: www.panda.ie

1.2 Management Structure

Eamon Waters is the Managing Director of Panda. Noel Waters and Brian McCabe are the company's directors. David Naughton is the Environmental Manager. There are 160 employees either working directly or indirectly at the facility. Appendix B illustrates the organisational structure of the facility.

1.3 Financial Provision

A statement from our accountants is provided in Appendix C. At the present time the annual turnover and company assets are sufficient to offset environmental liabilities incurred during the course of operations and in the event that the company is closed.

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 programs.
- 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 waste licence W0140-03, Panda are licenced to conduct the following activities:

Licensed Waste Disposal Activities, in accordance with the Third Schedule of the Waste Management Acts, 1996 to 2003

Class 11.

Blending or mixture prior to submission to any activity referred to in a preceding paragraph of this Schedule.

Class 12.

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

Class 13.

Storage prior to submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where the waste concerned is produced.

Licensed Waste Recovery Activities, in accordance with the Fourth Schedule of the Waste Management Acts, 1996 to 2003

Class 2.

Recycling or reclamation of organic substances, which are not used as solvents (including composting and other biological transformation processes).

Class 3.

Recycling or reclamation of metals and metal compounds.

Class 4.

Recycling or reclamation of other inorganic materials.

Class 11.

Use of waste obtained from any activity referred to in a preceding paragraph of this Schedule.

Class 13.

Storage of waste intended for submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where such waste is produced.

Panda provide a waste collection service for the domestic, commercial and industrial sectors throughout Ireland and was awarded the Repak “Large Operator of the Year award 2007” and “Runner up” in 2008, 2009, 2010 and 2011. Panda also won the inaugural Meath Innovator of the year 2010 and Meath Overall Business of the year 2010.

The facility operates 8am-6.30pm (Monday-Friday) & 9am-2pm (Saturdays). The facility is licensed to accept non-hazardous wastes only and to operate a civic amenity facility.

1.6 Waste Activities carried out at the Facility

Waste accepted and dispatched at the facility is weighed using P&L’s weighbridge software “IWS5”, which was upgraded to IWS6 during the year. Panda operate three different sheds for processing the different waste streams. Waste accepted into building 1 including plasterboard in conjunction with Gypsum Recycling Ireland, Wood, and Dry Recyclables, Small quantities of Mixed Municipal Waste was also accepted for immediate transfer to landfill. Source Segregated Paper and Cardboard was also accepted for transfer.

Building 2 is used to segregate the C&D waste entering the site using a shredder, trommel, wind blower, magnet, ballistic separator and a picking line to recover ferrous

and non ferrous metals, rubble, timber and C&D fines. The residuals are sent to landfill. Shovels are used to load the shredder, and a grab is used to pick out large pieces of steel, wood etc and load the waste sent to Landfill.

Panda invested in a rock crusher to further process the C&D rubble to suitable size material for use as builders fill.

Panda invested in a flip-flop unit to further process the C&D trommelled fines. This system removes stones, wood, metal and residual material from the fines. This material is then sent as landfill cover. Panda are actively researching methods to further clean the stone and separating the wood from the residual material.

Panda process wood on-site using a wood shredder. A grab is used to load the material. The shredded timber is then sent to various outlets for different uses such as the manufacturing of chipboard. The Timber shredder was relocated to inside building 1.

The dual weighbridge has been operational since October 2006. The second weighbridge was retained as back up for the dual weighbridge and is fully operational.

Panda were approved by the Agency to trial/commission the RDF process in building 3 in July 2010. Following this very successful trial period, Panda were able to determine what modifications are required so that the process runs as efficiently as possible. This reconfiguration was carried out during Q1, Q2 and Q3 of 2011. The production of RDF recommenced in the end of Q3 and Q4 of 2011. The process involves the use of Ballistics, Magnets, Eddy Currents, Single Drum Separators, Optical Sorters and Shredder to produce a RDF material suitable as a fuel substitute in Cement Manufacturing Plants.

1.7 Water Usage:

Water is extracted from 2 wells on site and stored in a water storage tank. Water for office and amenities use is taken from public supply and is metered by the council. All other water used on site is taken from the water storage tank. For emergency purposes there is an overground water storage tank.

Water from the storage tank used on site consists of:

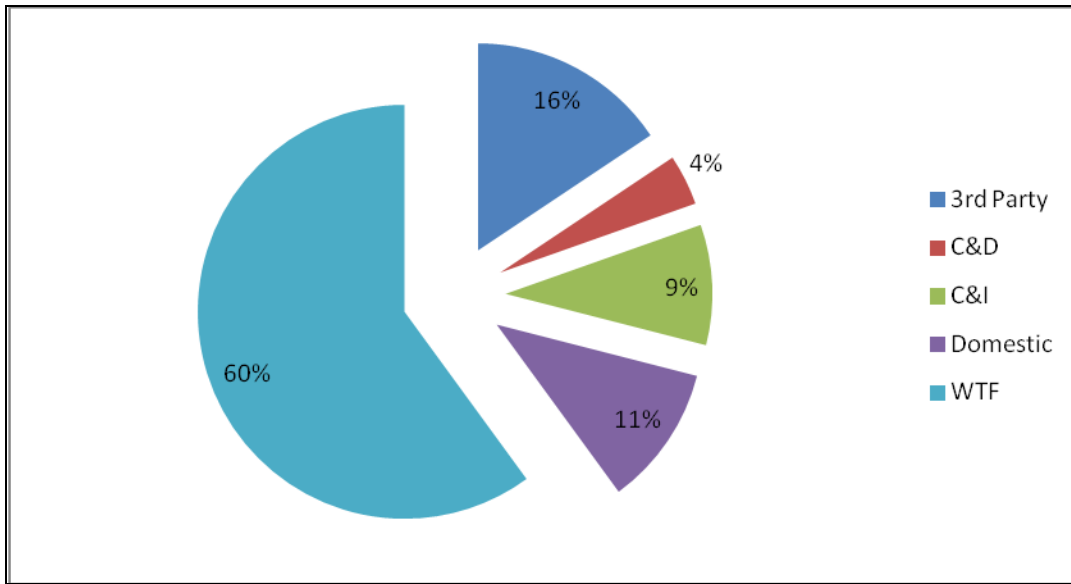
- In-house road sweeper.
- Dust suppression sprayers at doorways into shed one and on the eastern boundary fence between the back-up weighbridge and the retail outlet to the north.
- One atomiser unit (Shed 1).
- Dust suppression sprayers (Shed 2).
- Dust suppression sprayers at C&D fines extraction point from trommel.
- Hoses on site for dust suppression.
- Sprinkler system on biofilter and in-vessel compost tunnels.
- Truck wash.
- Fire Fighting Equipment.

2.0 Summary Information

2.1 Waste Received

The waste received at the facility for 2011 was 169,906.26 tonnes. From the pie chart (Fig 1) it is evident that waste from a Waste Transfer Station is the largest source of waste accepted.

Fig. 1: Waste accepted at the facility by Customer profile



2.2 Waste Transferred Off-Site for Disposal or Recovery

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

2.3 Waste Recovery Reports

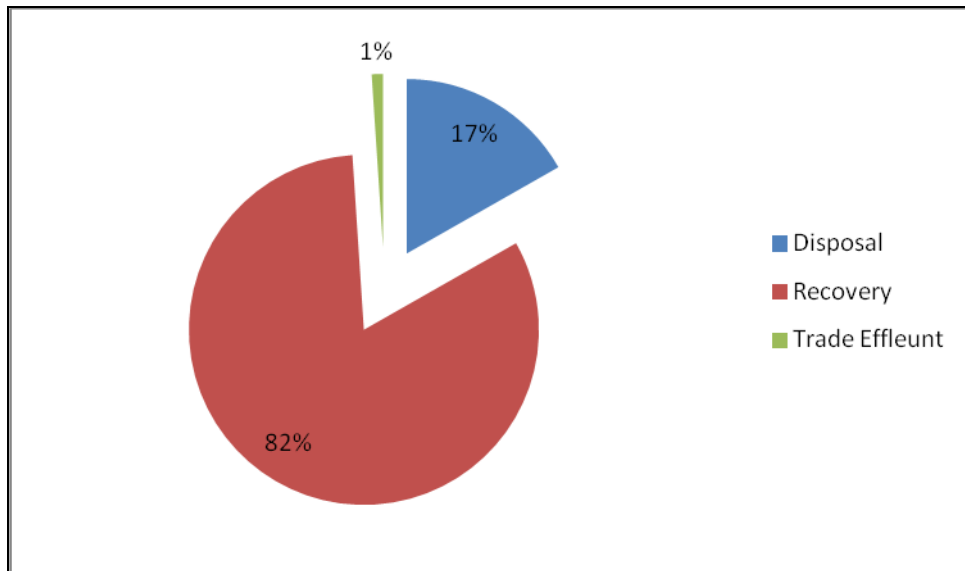
To contribute to the Landfill Directive, Panda invested in a shredder, trommel, magnet and an in-vessel composting system.

Panda have applied to the Agency for a review to our current Waste Licence (W0140-03). This review was submitted to the Agency, so that Panda can produce an 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 invested in a C&D shed in 2005. A shredder, trommel, magnet, wind shifter and a picking line were purchased so as to divert as much C&D waste away from landfill as

possible in order to reach the “Changing Our Ways 1998” target of diverting 85% away from Landfill by 2013. To date the processing of C&D Waste has been extremely successful. Panda are using the rubble segregated at the facility as a raw material in the use of landfill road construction and as back fill on construction works. The timber that is segregated in the shed is then shredded and sent for recycling.

Fig. 2: Outgoing destination recovery rate.



2.4 Summary report on emissions and interpretation of environmental monitoring

Under Schedule C of the Waste Licence W0140-03, Panda monitor compost, trade effluent, noise and ambient air monitoring. The following sub-headings 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 may have occurred during the year.

2.4.1 Surface Water

Surface water passes through a silt trap and oil interceptor prior to being discharged into holding tanks. The surface water monitoring point is located at the co-ordinates X/E 297456.080 Y/N 269143.030.

Panda propose to install a wetland system for surface water drainage as set out in the Environmental Targets and Objectives and received planning permission for its construction. A review of our waste licence was submitted to the Agency.

2.4.2 Dust Emissions

As per schedule B4 for dust deposition limits, there are currently five sampling locations. As per condition 6.13.1, all waste for disposal, stored overnight at the facility was placed in suitably covered and enclosed containers within the waste transfer buildings and were removed within 48 hours or 72 hours on a bank holiday weekend. In dry weather, the site roads and any other areas used by vehicles were sprayed with water. A dust suppression unit was installed in Shed (2) to ensure dust emissions from the bottom shed are kept to a minimum. Figs 3-7 illustrate dust recordings for 2011.

Fig. 3: Dust emission results for DS1

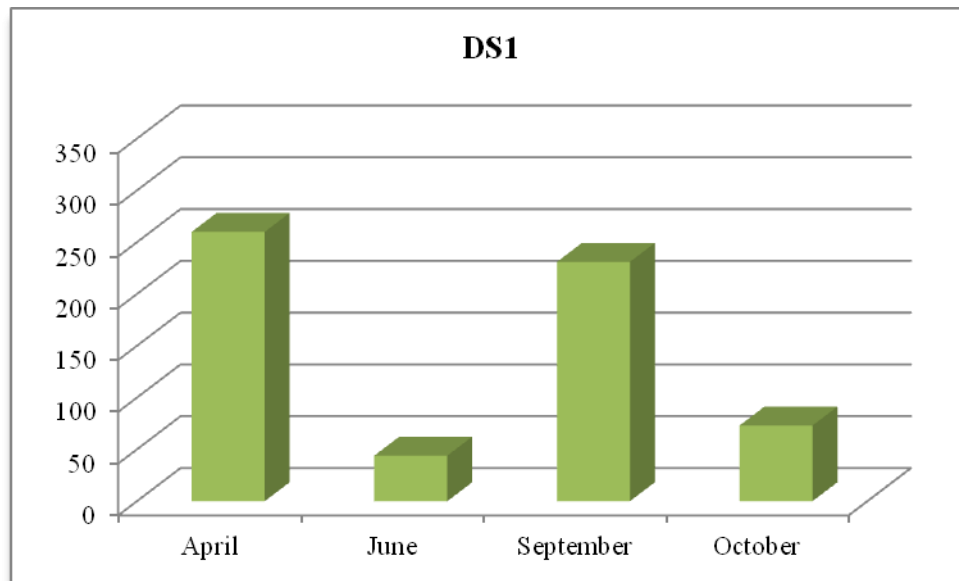


Fig. 4: Dust emission results for DS2

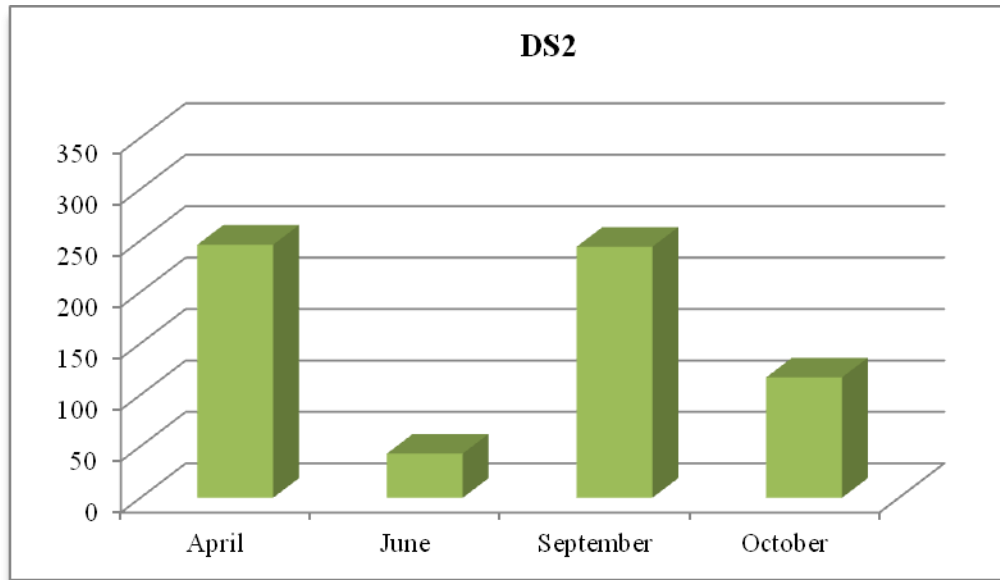


Fig. 5: Dust emission results for DS3

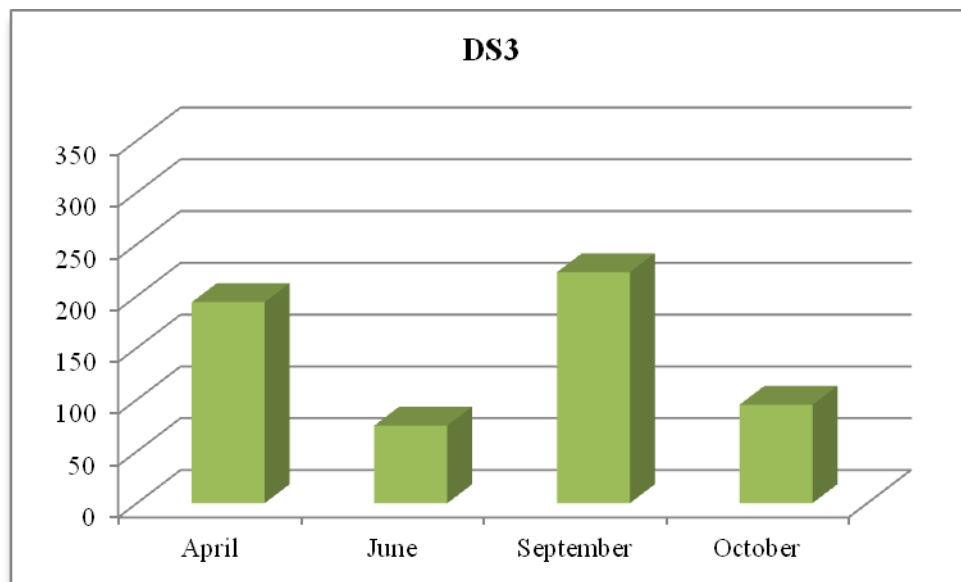


Fig. 6: Dust emission results for DS4

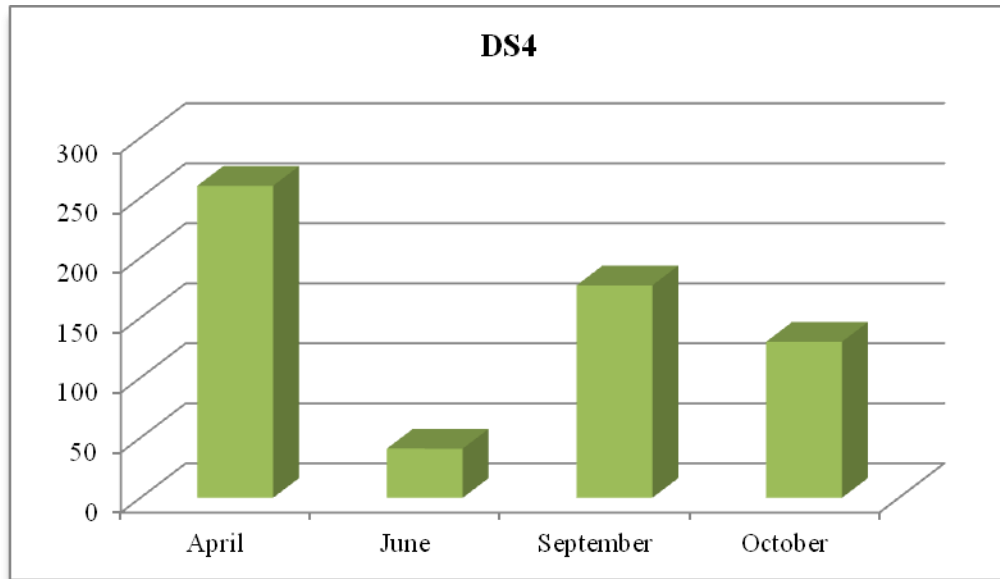
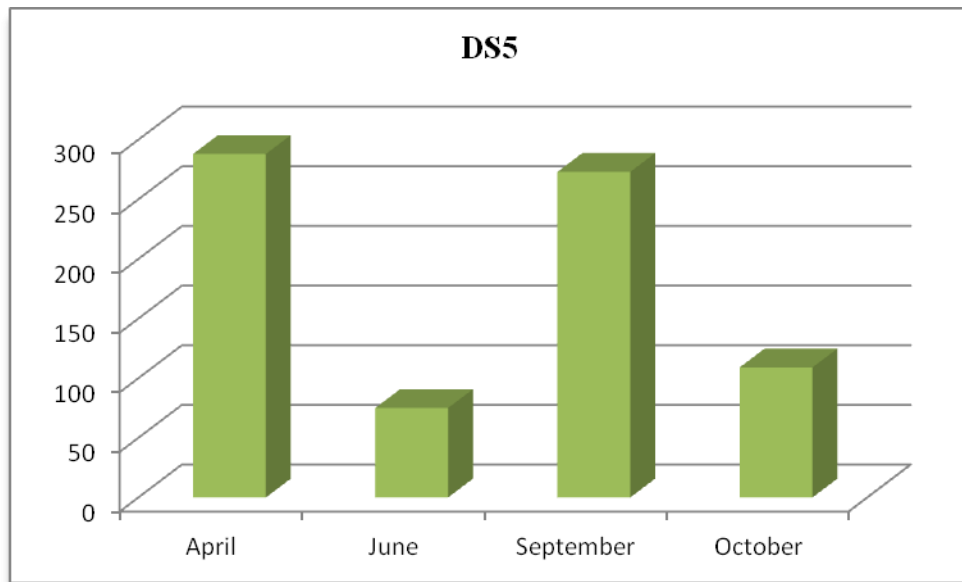


Fig. 7: Dust emission results for DS5



As per Schedule B.4, the dust deposition limit for the site is 350 mg m⁻² d⁻¹. Dust emissions were within licenced ELV's for 2011.

2.4.3 Noise Emissions

Noise emissions are monitored according to Schedule B.3 and the emission limit values (ELV) set out in Schedule C5 of the licence. An independent competent consultant was commissioned to conduct the noise sampling throughout the year. A summary of the recorded noise levels for this reporting period is provided in Tables 1-4.

Table 1: Recorded Noise Levels dB(A) on 19th February 2011– Intervals 30 minutes

Location	Time	Leq	L10	L90	Comments
NSL1	10.35	51.8	52.9	45.0	N2 and slip road traffic. Panda noise source from site less than 45dBA
NSI2	10.40	51.2	52.2	45.7	N2 & slip road road traffic. Panda waste site noise less than 46 dBA
NSL3	10.45	55.7	57.8	48.4	N2 road traffic with Panda site noise just audible at less than 48.4 dBA
NSL4	11.25	57.8	59.6	49.5	N2 road traffic with Panda site noise inaudible at less than 49.5 dBA

Table 2: Recorded Noise Levels dB(A) on 15th April 2011– Intervals 30 minutes

Location	Time	Leq	L10	L90	Comments
NSL1	15.35	50.4	51.8	44.1	N2 and slip road traffic. Panda noise source from site less than 45 dBA
NSL2	15.40	51.7	51.8	43.7	N2 & slip road road traffic. Panda waste site noise less than 44 dBA
NSL3	15.45	56.3	58.6	49.3	N2 road traffic with Panda site noise just audible at less than 49.3 dBA
NSL4	16.25	62.5	65.1	52.6	N2 road traffic with Panda site noise inaudible at less than 52.6 dBA

Table 3: Recorded Noise Levels dB(A) on 3rd October 2011– Intervals 30 minutes

Location	Time	Leq	L10	L90	Comments
NSL1	14.45	52.5	55.7	46.5	N2 and slip road traffic. Panda noise source from site less inaudible at than 46.5 dBA
NSL2	15.10	52.8	55.9	47.2	N2 & slip road road traffic and wind in trees. Panda waste site noise inaudible at less than 47.2 dBA
NSL3	15.50	69.8	72.5	55.6	N2 road traffic with Panda site noise inaudible at less than 55 dBA
NSL4	16.35	64.8	67.5	53.4	N2 road traffic with Panda site noise inaudible at less than 53 dBA

Table 4: Recorded Noise Levels dB(A) on 15th December 2011– Intervals 30 minutes

Location	Time	Leq	L10	L90	Comments
NSL1	14.40	53.0	55.2	48.2	N2 and slip road traffic. Panda noise source from site was indistinguishable from road traffic noise at less than 48 dBA
NSL2	15.00	52.1	54.6	47.6	N2 & slip road road traffic. Panda waste site noise indistinguishable at less than 47 dBA
NSL3	15.45	70.2	72.8	55.9	N2 road traffic with Panda site noise inaudible at less than 54 dBA
NSL4	16.30	67.8	69.9	54.6	N2 road traffic with Panda site noise inaudible at less than 54 dBA

The noise emissions at all NSL's from Panda are well within the terms of their noise emissions levels. There were no tonal or impulsive noise emissions from the works audible at any of the nearest residences.

2.4.4 Trade Effluent

As part of the monitoring programme Panda must test the trade effluent sent off site for disposal. Table 5 shows the results for the trade effluent tested for 2011. The parameters are well within acceptable levels for waste water treatment plants to be able to treat.

Table 5: Results for Trade effluent sent off site for disposal

Parameter	Units	Result	
		03/10/2011	25/11/2011
Ammonia	mg/L as N	11.25	49.52
Ammonia as NH4	mg/L as NH4	14.464	63.669
Arsenic	ug/L	5.332	<0.18
BOD	mg/L	245	320
Boron	ug/L	218.8	313.3
Cadmium	ug/L	0.308	<0.05
Calcium	mg/L		
Chloride	mg/L	64.75	
Chromium	ug/L	14.84	<0.28
Cobalt	ug/L		
COD	mg/L	424	1135
Copper	ug/L	26.87	139.5
Iron (Total)	ug/L		
Lead	ug/L	61.19	102
Magnesium	mg/L		
Manganese	ug/L		
Mercury	ug/L	0.089	<0.04
Mineral Oil by Calculation	ug/L	348.41	1137.1
Nickel	ug/L	24.86	2.548
pH	pH units	6.9	7.0
Selenium	ug/L	<2.12	<2.12
Solids (Total Suspended)	mg/L	65	1280
Sulphate	mg/L as SO4	1370.06	550.37
Tin	ug/L		
Zinc	ug/L	137.5	182.5

2.4.5 Compost Analysis

As part of the monitoring programme Panda must test Compost bi-annually. No analysis was carried out in 2011 as the In-Vessel Wright System was suspended from September 2010, therefore no output was produced to be analysed.

2.4.6 Biofilter Monitoring

Panda are required to conduct ambient air monitoring on site to test for Bacteria, Hydrogen Sulphide and *Aspergillus fumigatus*. No analysis was carried out in 2011 as there were no emissions from the biofilter in 2011.

2.4.7 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. A bund, pipeline and UST integrity testing was conducted in 2010. The reports show that all under UST, pipes and bund were in accordance with Condition 3.17.

2.4.8 Summary of resource and energy consumption

The Table 6 below shows a summary of the energy consumption.

Table 6: Summary of Energy Consumption 2011.

Resource	Litres
Gas Oil	5,000/week
Electricity	1,639,765.2 Units

2.4.8.3 Water

Panda extract water from the surface water tank for re-use on site. The two wells on site are used as back up for water storage in the overground storage tank.

2.5 Site infrastructure

Panda acquired land at the southern and Eastern boundary of the site so as to complete the surface water run off drainage on site and to construct building three at the southern end of the facility. Building three is nearing completion. Panda have been granted planning permission to construct an anaerobic digestion/composting plant to the East of the facility. Panda have applied to the Agency to review our current Waste Licence W0140-03.

2.5.1 In-place

The current site infrastructure is outlined below (List 1). Table 7 details the waste processing equipment used on site, together with the associated duty capacities

List 1: Current site infrastructure

1. Office block
2. Truck wash
3. Two x Weighbridge and associated office.
4. One x Waste processing building (2800 m²)
5. One x Waste processing building (2600 m²)
6. One x Waste processing building (4,248 m²)
7. Two x Dust suppression system
8. Two x In-vessel Composting Tunnels
9. Ancillary ESB building
10. Canteen & toilets and associated waste water treatment system.
11. Water reservoir (660 m³) capacity
11. Fencing around the site
12. Tyre Bay

Table 7: Waste processing equipment

Description	Duty Capacity
Shed 1	
2 x Composting Tunnels	130 Tonnes per hour (not in use)
1 x Doppstadt Wood Shredder	30 Tonnes per hour
Shed 2	
1 x M&J 4000 Shredder	100 Tonnes per hour
1 x Trommel	100 Tonnes per hour
1 x Magnet	20 Tonnes per hour
1 x Nihot Density Separator	50 tonnes per hour
1 x Ballistic Separator	30 Tonnes per hour
Outside	
1 x Flip Flop	70 tonnes per hour
1 x Magnet	20 Tonnes per hour
1 x Wind Shifter	20 Tonnes per hour
1 x Rubble Crusher	50 Tonnes per day
Mobile	
3 x Volvo L120	2 x Kobelco Track
1 x Teleporter	2 x Hoists
1 x Volvo L60	1 x Forklift
2 x Fuchs Grab	1 x Shunter
1 x Doppstadt Shredder	30 tonnes per hour
1 x Scarab Roadsweeper	
Shed 3	
2 x Ballistic Separator	25 tonnes per hour
6 x Overband Magnets	25 tonnes per hour
2 x Eddy Currents	10 tonnes per hour
1 x Optical Sorter	10 tonnes per hour
1 x Untha shredder	10 tonnes per hour
1 x Nihot Single Drum Separator	40 tonnes per hour
1 x M&J 2000 Shredder	60 tonnes per hour

1 x M&J 6000 Shredder	50 tonnes per hour
1 x trommel	60 tonnes per hour
1 x trommel	30 tonnes per hour
1 x trommel	10 tonnes per hour

There is sufficient back up if the shredder; a loading shovel or an excavator breaks down. The stone crusher is only used intermittently and therefore back up is not required. In the event that there is a major problem with a significant piece of plant (i.e. if it can't be fixed within 48 hrs), unprocessed waste will be transferred to other approved waste processing facilities.

2.5.2 Planned Infra-structure

Proposed infrastructure is outlined in List 2. It is anticipated that the wetlands will be in-place by late 2012, with the Anaerobic Digestion plant being built at a later date.

List 2: Proposed infrastructure:

1. Wetland for surface water run off
2. Anaerobic Digestion Building

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 in the road sweeper to clean the yard. This would constitute a significant reduction in usage on site.

2.7 PRTR Emission.

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

3.0 Environmental objectives and targets – 2011 and 2012.

No	Objective & Target	Method of Achievement	Responsibility	Timescale	Complete in 2011
1	Assess the Effectiveness of Nuisance Control Procedures	Continually review and assess all nuisance control procedures to ensure minimal impact on surrounding area	Environmental Manager	Continuous	Continuous
		Ensure yards are cleaned at the end of each working day	Operatives	Continuous	Continuous
2	Prevent Water Pollution from Run-Off	Ensure all gullies are maintained and regularly cleaned	Environmental Manager/ Operatives	Continuous	Continuous
		Ensure that levels in trade effluent tanks are maintained at an appropriate height	Environmental Manager/Operatives	Continuous	Continuous
3	Assess & Review Resource & Energy Consumption at the site	Carry out an energy audit on the site	Environmental Manager	May-11	Scheduled for Feb 2012
4	Maintain and Develop the Environmental Management System	Maintain EMS Documentation on site	Environmental Manager	Continuous	Continuous
		Up date procedures to reflect operational and control changes			
5	Assess Waste Acceptance Procedures so as to minimise volume of erratics	Communicate with customers about the items that are not acceptable in the in-coming wastes	Call Centre/ Sales Reps	Continuous	Continuous
6	Environmental Monitoring	Implement the Environmental Monitoring Programme specified in the Waste Licence	Environmental Manager	Continuous	Continuous
		Investigate any accidents of emission limit values	Environmental Manager	Continuous	Continuous
7	Ensure and implement a training programme	Identify staff training requirements and provide relevant training	Environmental Dept	May-12	Complete

8	To control any emergencies that may arise at the facility	Review and implement an Emergency Response Procedure	Environmental Manager	May-12	Continuous
9	Prepare a Standard Operating Procedures Manual	Prepare a comprehensive SOP manual relevant to site operations	Environmental Dept	Aug-11	Complete
10	Ensure lighting in waste handling buildings provide sufficient lighting so as to assess incoming waste	Clean all lightbulbs and covers in waste handling buildings	Environmental Manager/ Yard Supervisor	Jul-11	Complete
11	Reduce dependence on using wastewater treatment plants for surface water	Complete design of constructed wetland and seek Agency approval for its construction	Jim McGovern Project Engineer	Sep-11	Scheduled for Oct 12
12	Complete shed 3 for RDF	Finalise machine positions in building 3, complete negative air pressure system and all other required engineering works	Jim McGovern Project Engineer	Sep-11	Request sent to OEE for Negative air
		Awaiting Agency waste licence review	Environmental Manager	Expected June 11	Expected June 12
13	Office Recycling	Continuation of office recycling	Office Manager/ Environmental Department	Continuous	Continuous
		Continuation of training regarding office recycling	Office Manager/ Environmental Department	Continuous	Continuous

3.1 Completion of Environmental Targets & Objectives 2011

Panda will endeavour to complete the targets not already completed in 2012. The targets not met in 2011, were due to the continued expansion of Panda's waste recovery activities, such as reviewing the licence. These were delayed so that Panda could best plan to incorporate these new projects into the current facility.

3.2 Summary of reported incidents and complaints

3.2.1. Reported Incidents Summary

Dated 13th July 2011

There was a non-compliance issued by the Agency following an inspection conducted by the Agency on the 25th May 2011 (EPA reference no. W0140-03 /NC04NH). A full non-compliance schedule was returned to the Agency on the 3rd August 2011.

17th November 2011

Any incident occurred on the 17th of November 2011, whereby a small fire was detected during an Agency site inspection. The fire was caused by a spark from an angle grinder (used for splitting mattresses) igniting a small amount of fabric from the split mattresses. The fire was quickly brought under control using fire fighting equipment at hand. An incident report form was emailed to OEE that afternoon after completion of the inspection by the Agency.

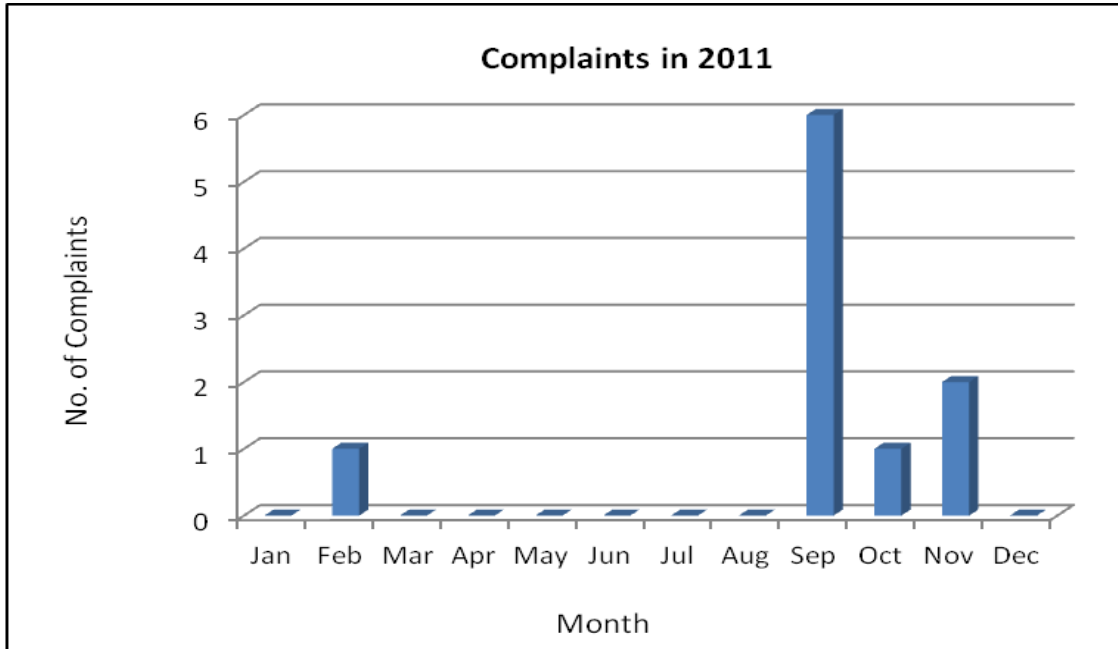
Dated 22nd December 2011

There was a non-compliance issued by the Agency following an inspection on the 17th of November 2011 (EPA reference no. (W0140-03)11S101NH). A full non-compliance schedule was returned to the Agency on the 13th January 2012.

3.2.2 Complaints:

Fig. 8, illustrates complaints either made directly to the Agency or to Panda’s facility for each month during 2011. There were a total of eleven complaints made. All of these were thoroughly investigated and closed out in a timely fashion.

Fig. 8: Complaints



3.3 Review of nuisance controls

3.3.1 Odour

There is a rotary atomiser-fogging unit was relocated internally of shed 1 for dust control when processing plasterboard. A sprinkling system is on each doorway into shed 1 and between the back-up weighbridge and commercial premise on the western boundary of the facility. The atomiser and sprinkling system are connected to the odour suppression liquid.

The yard foreman is responsible for controlling the odour-suppressing units. This involves controlling the concentration of odour suppressant in order to provide adequate odour control. There is a power washer available to wash odorous bins. All drivers are

responsible for washing their own compactors or skips. Each day, the environmental officer conducts an inspection of the site. A daily odour assessment of the biofilter is carried out and a record of this is filed in the environmental office.

3.3.2 Noise

There were four noise survey's done 2011. Noise levels from operations at Panda were inaudible as background noise from the N2 and the slip road to the north of the facility was the dominant source of noise. In general, the noise emissions were in the main steady, with no tonal or impulsive noise from the works audible at any of the nearest locations.

3.3.3. Dust

A road sweeper with spray bars is available for controlling dust outside the waste transfer station. Dust analysis was carried out four times this year at five locations. A dust suppression system was installed in Shed 2 in 2005 and along the western boundary between the back-up weighbridge and the commercial premise in 2008.

3.3.4. Vermin

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

3.3.5. Flies

Good housekeeping practices are used to prevent fly infestations. The yard is kept clean using a road sweeper 10 hours a day and all waste for disposal is removed from the facility within 48 hours, or 72 hours in the case of a bank holiday weekends.

3.3.6. Birds

In order to avoid having birds as a nuisance, litter control is practised at all times and no waste is stored outside.

3.3.7. Litter

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

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.

There was a revision of the odour-monitoring sheet to include a map of the facility to make it easier to position possible nuisances on the facility. General weather conditions and wind direction are obtained through weather station located on site, on a daily basis.

A review of site procedures was carried out, and amendments were made to the below procedures, as necessary;

- SOP 12 Designation of waste to suitable destinations
- SOP 13 Waste Handling and Acceptance
- SOP 14 Spills on Site
- SOP 15 Rejected loads at destinations

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 2010; one of the features is an Environmental page where the following can be downloaded,

- Facility licences (W0140-03, W0261-01, W0263-01)
- Multi-regional Waste collection permit (WCP-DC-09-1188-01),
- 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 2011 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.

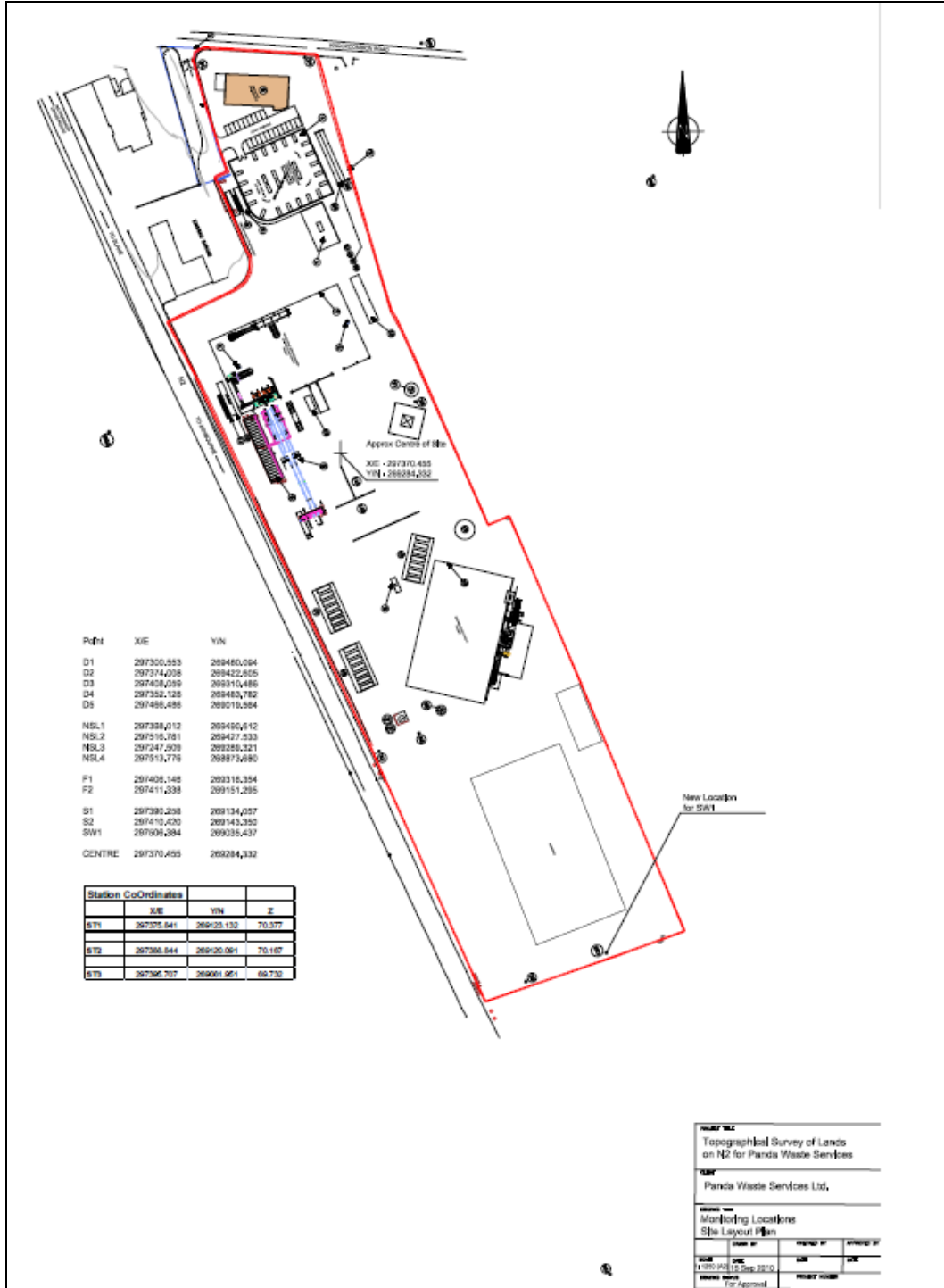
Advertisements are taken out regularly in the local newspapers informing customers of the services that Panda offer. There is also a large advertisement in the golden pages, which is available to the general public. Regular tours of the facility are given to schools and to members of the public upon 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 2011.

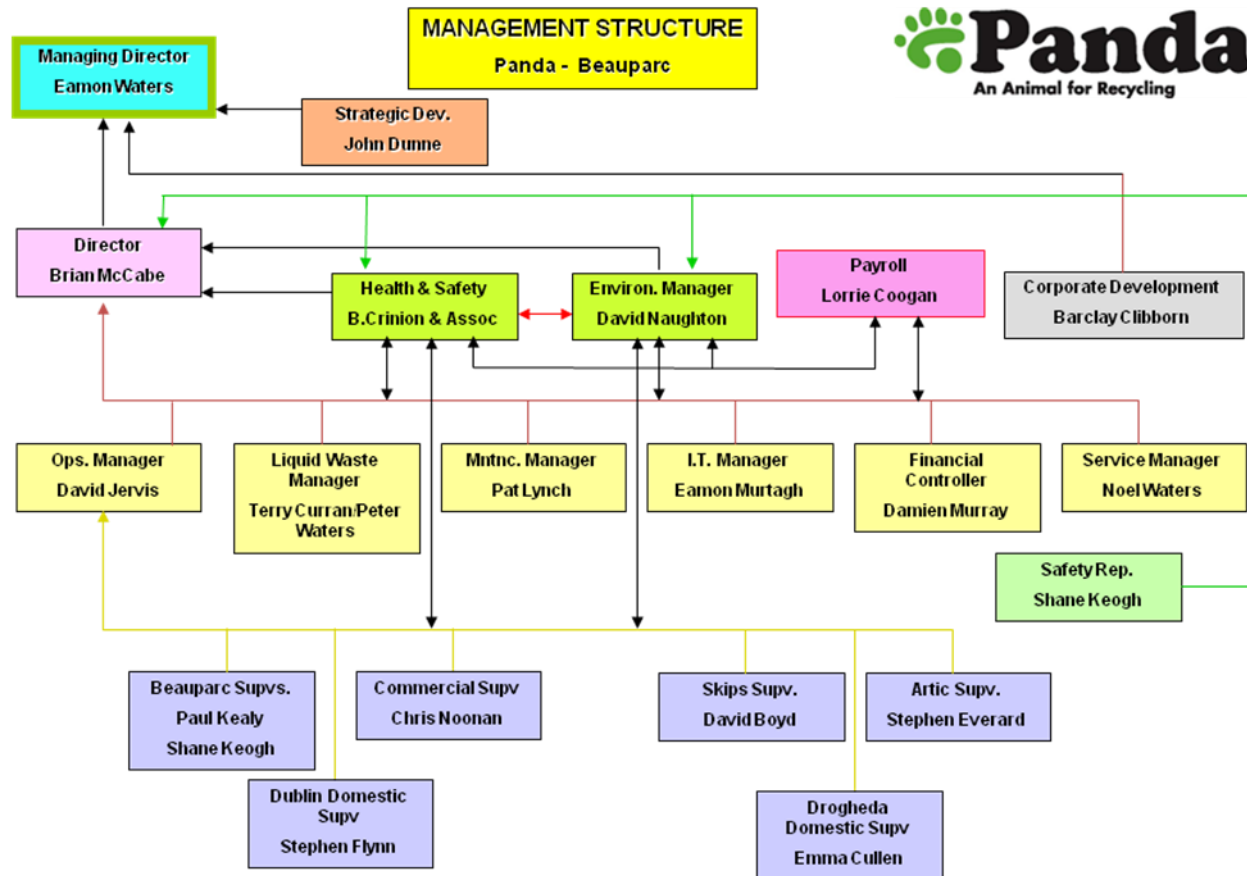
Appendix A

Site Layout






Appendix B

Organisation Structure



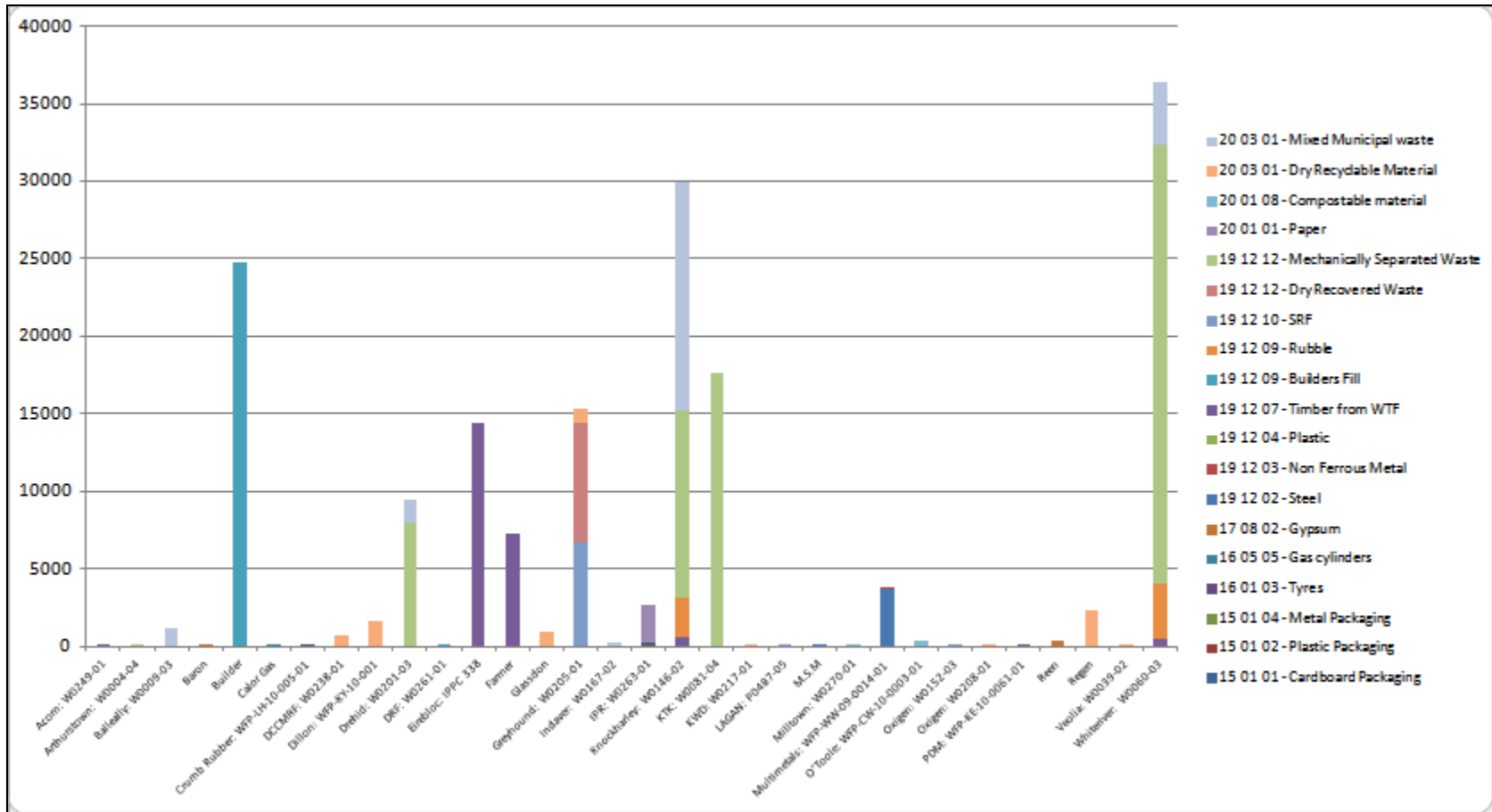
Appendix C

Financial Statement

	 Fagan Lynch Donnellan Chartered Accountants & Registered Auditors
Our Ref: VL/NMcK	
24 th January 2012	
Environmental Protection Agency, McCumiskey House, Richview, Clonskeagh Road, Dublin 14.	
	<u>Re: Nurendale Ltd T/A Panda Waste</u>
Dear Sir,	
We act as Accountants and Taxation Agents for the above and have acted in this capacity in excess of 10 years.	
We wish to confirm as follows:	
1. Statutory Accounts have been filed for all years up to 31.12.2010 with the Companies Office.	
Accounts and Tax Returns have also been filed with Inspector of Taxes for all years to 31 st December 2010.	
2. The Company trades profitably and is on a very sound financial footing.	
If you have any queries, please do not hesitate to contact us.	
Yours faithfully,	
 FAGAN LYNCH DONNELLAN	
	<small>Newbridge House, Athlumney, Navan, Co. Meath Tel: (0476) 902920 Fax: (0476) 902941 e-mail: info@flld.ie www.flld.ie John Fagan t/c A Vincent Lynch t/c A Mark McCarty t/c A Registered to carry on audit work and admitted to carry on investment business by the Institute of Chartered Accountants in Ireland (ICAEI). Chartered Accountants Ireland is the operating name of R.A.I.</small>
	


Appendix D

Outgoing by Destination



Appendix E

PRTR Emissions

 <p>Environmental Protection Agency</p>		<p>IPRTB: W0140 Facility Name: Nurendale Limited trading as Panda Waste Services Limited Licence File Name: IPRTB: W0140_2011 Licence 2. Label Release Year: 2011</p> <p>Guidance to completing the PRTR workbook</p> <p>AER Returns Workbook</p> <p>Version 1.1.10</p>
REFERENCE YEAR		2011
1. FACILITY IDENTIFICATION		
Parent Company Name	Nurendale Ltd trading as Panda Waste Services Ltd.	
Facility Name	Nurendale Limited trading as Panda Waste Services Limited	
PRTR Identification Number	W/0140	
Licence Number	W/0140-03	
Waste or IPPC Classes of Activity		
N	class_name	
4.4	Recycling or reclamation of other inorganic materials.	
3.11	Blending or mixture prior to submission to any activity referred to in a preceding paragraph of this Schedule.	
3.12	Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule.	
3.13	Storage prior to submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where the waste concerned is produced.	
4.11	Use of waste obtained from any activity referred to in a preceding paragraph of this Schedule.	
4.13	Storage of waste intended for submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where such waste is produced.	
4.2	Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).	
4.3	Recycling or reclamation of metals and metal compounds.	
Address 1	Rathdrinagh	
Address 2	Beauparc	
Address 3	Navan	
Address 4	County Meath	
	Meath	
Country	Ireland	
Coordinates of Location	-8.13924 52.5351	
River Basin District	IEEA	
NACE Code	3832	
Main Economic Activity	Recovery of sorted materials	
AER Returns Contact Name	David Naughton	
AER Returns Contact Email Address	david.naughton@panda.ie	
AER Returns Contact Position	Environmental Manager	
R Returns Contact Telephone Number	1850 65 65 65	
terras Contact Mobile Phone Number		
AER Returns Contact Fax Number	046 9024169	
Production Volume		0.0
Production Volume Units		
Number of Installations		0
Number of Operating Hours in Year		0
Number of Employees		0
User Feedback/Comments		
Web Address		
2. PRTR CLASS ACTIVITIES		
Activity Number	Activity Name	
50.1	General	
5(c)	Installations for the disposal of non-hazardous waste	
50.1	General	
3. SOLVENTS REGULATIONS (S.I. No. 543 of 2002)		
Is it applicable?		
Have you been granted an exemption?		
If applicable which activity class applies (as per Schedule 2 of the regulations)?		
Is the reduction scheme compliance route being used?		

4.1 RELEASES TO AIR [Link to previous years emissions data](#)

PRTR: W81481 Facility Name: Horewode Limited trading as Panda Waste Services Limited File name: PRTRW81481_2011 and 2012 Release Year: 2011 23/03/2012 10:27 24

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

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

No. Annex II	POLLUTANT Name	M/C/E Method Code	Method Used Designation or Description	ADD EMISSION POINT			QUANTITY		
				Emisrion.Point.1	T (Total) KG/Year	A (Accidental)	F (Fugitive)	0.0	
ADD NEW ROW	DELETE ROW *	* 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

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

Pollutant No.	Name	M/C/E Method Code	Method Used Designation or Description	ADD EMISSION POINT					QUANTITY									
				DS1	DS2	DS3	DS4	DS5	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year							
216	Dust	C	ALT Gravimetry	Emisrion.Point.1	Emisrion.Point.2	Emisrion.Point.3	Emisrion.Point.4	Emisrion.Point.5	Emisrion.Point.6	0.06	0.06	0.05	0.06	0.07	0.0	0.3	0.0	0.0
ADD NEW ROW	DELETE ROW *	* 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 utilized on their facilities by completing the figures for total methane generated. Operators should only report their net methane (CH₄) emissions to the environment under T (Total) KGs for Section B: Sector specific PRTR pollutants above. Please complete the table below:

Landfill: Horewode Limited trading as Panda Waste Services Limited

T (Total) kg/Year	Method Used				Facility Total Capacity m ³ per
	M/C/E Method Code	Designation or Description	Capacity	Utilized	
Total estimated methane generation (as per site model)	0.0				N/A
Methane flared	0.0				0.0 (Total Flaring Capacity)
Methane utilized in on-site	0.0				0.0 (Total Utilising Capacity)
Net methane emissions (as reported in Section A above)	0.0				N/A

4.2 RELEASES TO WATERS [Link to previous years emissions data](#)

PRTR: W81481 Facility Name: Horewode Limited trading as Panda Waste Services Limited File name: PRTRW81481_2011 and 2012 Release Year: 2011 23/03/2012 10:27

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

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

No. Annex II	POLLUTANT Name	M/C/E Method Code	Method Used Designation or Description	ADD EMISSION POINT			QUANTITY		
				Emisrion.Point.1	T (Total) KG/Year	A (Accidental)	F (Fugitive)	0.0	
ADD NEW ROW	DELETE ROW *	* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button							

SECTION B : REMAINING PRTR POLLUTANTS

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

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

Pollutant No.	Name	M/C/E Method Code	Method Used Designation or Description	ADD EMISSION POINT			QUANTITY		
				Emisrion.Point.1	T (Total) KG/Year	A (Accidental)	F (Fugitive)	0.0	
ADD NEW ROW	DELETE ROW *	* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button							

SECTION A : PRTR POLLUTANTS		METHOD		ADD EMISSION POINT	QUANTITY		
POLLUTANT		Method Used					
No. Annex II	Name	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
06	Ammonia (NH3)	ALT	Colorimetry		54.82	54.82	0.0
17	Arsenic and compounds (as As)	ALT	ICPMS		0.01	0.01	0.0
18	Cadmium and compounds (as Cd)	ALT	ICPMS		0.0	0.0	0.0
79	Chlorides (as Cl)	ALT	Colorimetry		116.83	116.83	0.0
19	Chromium and compounds (as Cr)	ALT	ICPMS		0.03	0.03	0.0
20	Copper and compounds (as Cu)	ALT	ICPMS		0.15	0.15	0.0
23	Lead and compounds (as Pb)	ALT	ICPMS		0.15	0.15	0.0
21	Mercury and compounds (as Hg)	ALT	ICPMS		0.0	0.0	0.0
22	Nickel and compounds (as Ni)	ALT	ICPMS		0.02	0.02	0.0
24	Zinc and compounds (as Zn)	ALT	ICPMS		0.29	0.29	0.0

SECTION A : PRTR POLLUTANTS		METHOD		ADD EMISSION POINT	QUANTITY		
POLLUTANT		Method Used					
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year
						0.0	0.0

Transfer Destination	European Waste Code	Hazardous	Description of Waste	Waste Treatment Operation	M/C/E	Method Used	Treatment	Recovery/Disposal	Address of Final Recovery/Disposal (HAZARDOUS WASTE ONLY)	
									Recovery/Disposal	Recovery/Disposal
Within the Country	19 12 07	No	20.02 wood other than that mentioned in 19 12 06 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R13	M	Weighed	Offsite in Ireland	Acorn Recycling,W0249-01	Ballybeg,Littleton,Co. Tipperary,,Ireland	
Within the Country	19 12 12	No	91.58 11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R13	M	Weighed	Offsite in Ireland	Arthurstown Landfill,W0004-04	Arthurstown ,Kill,Co. Kildare,,Ireland	
Within the Country	19 12 12	No	57.08 11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R13	M	Weighed	Offsite in Ireland	Ballealy Landfill,W0009-03	Ballealy Landfill,Lusk,Co. Dublin,,Ireland	
Within the Country	20 03 01	No	116.1 mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Ballealy Landfill,W0009-03	Ballealy Landfill,Lusk,Co. Dublin,,Ireland	
Within the Country	17 08 02	No	88.96 gypsum-based construction materials other than those mentioned in 17 08 01	R13	M	Weighed	Offsite in Ireland	BRL Group,LN09/113	Rd,Castledawson,Maghera felt,BT45 8HG,Ireland	
Within the Country	19 12 09	No	24770.97 minerals (for example sand, stones) gases in pressure containers other than	R13	M	Weighed	Offsite in Ireland	Builders Fill,N/a,Ireland	
Within the Country	16 05 05	No	5.1 those mentioned in 16 05 04	R13	M	Weighed	Offsite in Ireland	Calor Gas, Crumbrubber,WFP-LH-10-005-01,Ireland	
Within the Country	16 01 03	No	39.3 end-of-life tyres	R13	M	Weighed	Offsite in Ireland	Dublin Regional Recovery Facility,W0238-01	Mooretown,Dromiskin,Co. Louth,,Ireland	
Within the Country	20 03 01	No	676.62 mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Dublin Regional Recovery Facility,W0238-01	Lower,Ballymount Dublin 12,,Ireland	
Within the Country	20 03 01	No	1597.6 mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Dillon waste and recycling,WFP-KY-10-001-01	The Keries,Tralee,Co. Kerry,,Ireland	
Within the Country	17 08 02	No	337.78 gypsum-based construction materials other than those mentioned in 17 08 01 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R13	M	Weighed	Offsite in Ireland	Reen Compost,P/ARMMMS/02/09	19 Mullanary Road,Middletown,Co. Armagh,BT60 4HW,Ireland	
Within the Country	19 12 12	No	7996.88 11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R13	M	Weighed	Offsite in Ireland	Bord na Mona Drehid Landfill,W0201-03	Killinagh Upper,Carbury,Co. Kildare,,Ireland	
Within the Country	20 03 01	No	1472.28 mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Bord na Mona Drehid Landfill,W0201-03	Killinagh Upper,Carbury,Co. Kildare,,Ireland	
Within the Country	19 12 09	No	24.92 minerals (for example sand, stones)	R13	M	Weighed	Offsite in Ireland	Panda Cappagh,W0261-01	Cappagh Road,Finglas,Dublin 11,,Ireland	
Within the Country	19 12 07	No	14383.24 wood other than that mentioned in 19 12 06	R13	M	Weighed	Offsite in Ireland	Eirebloc,Ck(S) 503/07	Lissarda,Co. Cork,,Ireland	
Within the Country	19 12 07	No	7252.2 wood other than that mentioned in 19 12 06	R13	M	Weighed	Offsite in Ireland	Farmers,N/a,Ireland	
Within the Country	20 03 01	No	979.16 mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Glassdon,6180804	52 Creagh Road,Toomebridge,Co. Antrim,BT41 3SE,Ireland	
Within the Country	19 12 10	No	6700.38 combustible waste (refuse derived fuel) other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R13	M	Weighed	Offsite in Ireland	Greyhound,W0205-01	Crag Avenue,Clondalkin Industrial Estate,Condalkin Co Dublin,,Ireland	
Within the Country	19 12 12	No	7705.56 11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R13	M	Weighed	Offsite in Ireland	Greyhound,W0205-01	Crag Avenue,Clondalkin Industrial Estate,Condalkin Co Dublin,,Ireland	
Within the Country	20 03 01	No	881.58 mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Greyhound,W0205-01	Crag Avenue,Clondalkin Industrial Estate,Condalkin Co Dublin,,Ireland	

Within the Country	20 03 01	No	302.08	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Indaver,w0167-02	Carranstown,Duleek,Co. Meath,,Ireland
Within the Country	15 01 01	No	182.82	paper and cardboard packaging	R13	M	Weighed	Offsite in Ireland	Irish Packaging Recycling Ltd,w0263-01	Road,walkinstown,Dublin 12,,Ireland
Within the Country	15 01 02	No	29.04	plastic packaging	R13	M	Weighed	Offsite in Ireland	Irish Packaging Recycling Ltd,w0263-01	Road,walkinstown,Dublin 12,,Ireland
Within the Country	16 01 03	No	29.6	end-of-life tyres	R13	M	Weighed	Offsite in Ireland	Irish Packaging Recycling Ltd,w0263-01	Road,walkinstown,Dublin 12,,Ireland
Within the Country	19 12 03	No	4.62	non-ferrous metal	R13	M	Weighed	Offsite in Ireland	Irish Packaging Recycling Ltd,w0263-01	Road,walkinstown,Dublin 12,,Ireland
Within the Country	19 12 04	No	16.42	plastic and rubber	R13	M	Weighed	Offsite in Ireland	Irish Packaging Recycling Ltd,w0263-01	Road,walkinstown,Dublin 12,,Ireland
Within the Country	19 12 10	No	110.46	combustible waste (refuse derived fuel)	R13	M	Weighed	Offsite in Ireland	Irish Packaging Recycling Ltd,w0263-01	Road,walkinstown,Dublin 12,,Ireland
Within the Country	20 01 01	No	2245.14	paper and cardboard	R13	M	Weighed	Offsite in Ireland	Irish Packaging Recycling Ltd,w0263-01	Road,walkinstown,Dublin 12,,Ireland
Within the Country	19 12 07	No	626.98	wood other than that mentioned in 19 12 06	R13	M	Weighed	Offsite in Ireland	Knockharley Landfill,w0146-02	Knockharley,Navan,Co. Meath,,Ireland
Within the Country	19 12 09	No	2494.9	minerals (for example sand, stones) other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R13	M	Weighed	Offsite in Ireland	Knockharley Landfill,w0146-02	Knockharley,Navan,Co. Meath,,Ireland
Within the Country	19 12 12	No	12096.22	11	R13	M	Weighed	Offsite in Ireland	Knockharley Landfill,w0146-02	Knockharley,Navan,Co. Meath,,Ireland
Within the Country	20 03 01	No	14718.78	mixed municipal waste other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R13	M	Weighed	Offsite in Ireland	Knockharley Landfill,w0146-02	Knockharley,Navan,Co. Meath,,Ireland
Within the Country	19 12 12	No	17578.62	11	R13	M	Weighed	Offsite in Ireland	KTK Landfill,w0081-04	Browtown and Carnalway,Kilcullen,Co. Kildare,,Ireland
Within the Country	20 03 01	No	184.9	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Killarney Waste Disposal,w0217-01	Aughacurreen,Killarney,Co. Kerry,,Ireland
Within the Country	19 12 10	No	48.8	combustible waste (refuse derived fuel)	R13	M	Weighed	Offsite in Ireland	Lagan Cement ,P0487-05	Killaskillen,Kinnegad,Co. Meath,,Ireland
Within the Country	19 12 02	No	57.12	ferrous metal	R13	M	Weighed	Offsite in Ireland	MSM,w0079-01	Unit 41 ,Cookstown Industrial Estate,Tallaght Dublin 24,,Ireland
Within the Country	20 01 08	No	76.5	biodegradable kitchen and canteen waste	R13	M	Weighed	Offsite in Ireland	Milltown Compost,w0270-01	Milltownmore,Fethard,Co. Tipperary,,Ireland
Within the Country	15 01 04	No	50.98	metallic packaging	R13	M	Weighed	Offsite in Ireland	Multimetals,WFP-w/w-09-0014-01	Conway Port Industrial Estate,Bollanney,Murrough Co. Wicklow,,Ireland
Within the Country	19 12 02	No	3625.5	ferrous metal	R13	M	Weighed	Offsite in Ireland	Multimetals,WFP-w/w-09-0014-01	Conway Port Industrial Estate,Bollanney,Murrough Co. Wicklow,,Ireland
Within the Country	19 12 03	No	201.98	non-ferrous metal	R13	M	Weighed	Offsite in Ireland	Multimetals,WFP-w/w-09-0014-01	Conway Port Industrial Estate,Bollanney,Murrough Co. Wicklow,,Ireland
Within the Country	19 12 07	No	71.7	wood other than that mentioned in 19 12 06	R13	M	Weighed	Offsite in Ireland	O'Toole Compost,WFP-C/w-10-003-01	Ballintrane,Co. Carlow,,Ireland
Within the Country	20 01 08	No	322.42	biodegradable kitchen and canteen waste	R13	M	Weighed	Offsite in Ireland	O'Toole Compost,WFP-C/w-10-003-01	Ballintrane,Co. Carlow,,Ireland
Within the Country	19 12 10	No	18.54	combustible waste (refuse derived fuel)	R13	M	Weighed	Offsite in Ireland	Oxigen ,w0152-03	Robinhood Industrial Estate,Robinhood Ballymount,Dublin 22,,Ireland
Within the Country	20 03 01	No	57.22	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Oxigen,w0208-01	Ballymount Industrial Estate,Ballymount Road Lower Clondalkin,Dublin 22,,Ireland

Within the Country	19 12 07	No	36.74	wood other than that mentioned in 19 12 06	R13	M	Weighted	Offsite in Ireland	Thornton's Recycling,WFP- KE-10-0061-01	Oldmilltown ,Kill,Co. Kildare,,Ireland Shepherds Drive,Carnbane Industrial Estate,Newry Co. Down,BT35 6JQ,Ireland
Within the Country	20 03 01	No	2271.38	mixed municipal waste	R13	M	Weighted	Offsite in Ireland	Regen,44110	Ballymount Cross,Tallaght,Dublin 24,,Ireland
Within the Country	19 12 09	No	29.86	minerals (for example sand, stones)	R13	M	Weighted	Offsite in Ireland	Greenstar Ballymount,w0039-02	Ballymount Cross,Tallaght,Dublin 24,,Ireland
Within the Country	20 01 08	No	2.3	biodegradable kitchen and canteen waste	R13	M	Weighted	Offsite in Ireland	Greenstar Ballymount,w0039-02	Ballymount Cross,Tallaght,Dublin 24,,Ireland
Within the Country	20 03 01	No	46.48	mixed municipal waste	R13	M	Weighted	Offsite in Ireland	Greenstar Ballymount,w0039-02	Ballymount Cross,Tallaght,Dublin 24,,Ireland
Within the Country	19 12 07	No	454.98	wood other than that mentioned in 19 12 06	R13	M	Weighted	Offsite in Ireland	Whiteriver Landfill,w0060- 02	Dunleer,Co. Louth,,,Ireland
Within the Country	19 12 09	No	3643.64	minerals (for example sand, stones) other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R13	M	Weighted	Offsite in Ireland	Whiteriver Landfill,w0060- 02	Dunleer,Co. Louth,,,Ireland
Within the Country	19 12 12	No	28284.2	11	R13	M	Weighted	Offsite in Ireland	Whiteriver Landfill,w0060- 02	Dunleer,Co. Louth,,,Ireland
Within the Country	20 03 01	No	3991.74	mixed municipal waste	R13	M	Weighted	Offsite in Ireland	Whiteriver Landfill,w0060- 02	Dunleer,Co. Louth,,,Ireland

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