Site: Cappagh Road, Finglas, Dublin 11

Waste Licence Number W0261-01

Annual Environmental Report

01st January 2014 – 31st December 2014

Table of Contents

1. Introduction

Panda were granted the EPA Waste Licence W0261-01 on the 31st August 2010. This replaces the Waste Permit WPT 95 issued by Fingal County Council. Under this licence, Panda will be able to process initially 70,000 tonnes per annum under Stage 1 and 200,000 tonnes per annum upon completion of necessary infrastructure. Appendix A illustrates the current site layout.

1.1 Company details

Licence No:	W0261-01
Name:	Nurendale Limited t/a Panda Waste Services
Address:	Cappagh Road, Finglas, Dublin 11.
Telephone Number:	01 8298961 or 1850 65 65 65
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 facility Manager on site. 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 W0261-01, Panda conducts 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 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, 2011 and 2012. Panda also won the inaugural Meath Innovator of the year 2010 and Meath Overall Business of the year 2010. Irish Packaging Recycling (Subsidiary) won the Repak "Recycling Company of the year 2014".

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 accepted and dispatched at the facility is weighed using P&L's weighbridge software "IWS6". Panda currently operates a single building for waste acceptance. The facility is primarily used as a transfer facility. The facility accepts predominantly skip waste from construction and demolition sites, household renovations/clearances and C&I Dry mixed municipal waste (Non-black bag-putrescible waste), source segregated cardboard, plastic & hangers and commercial and domestic dry mixed recyclables. No hazardous waste, putrescible waste or liquid wastes are accepted at the facility.

Ferrous, Non Ferrous, Wood, rubble, soil & stones, plasterboard, green waste and bulky waste are segregated from the incoming waste, in the facility manually and by using a track machine. The remaining mixed waste is then bulked up and sent onward to Panda's headquarters for processing. 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 usage on site consists of:

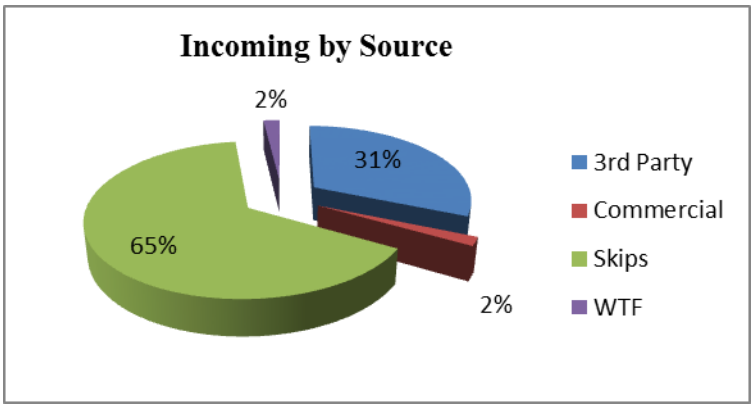
- In-house road sweeper (daily visits).
- Dust suppression sprayers in the shed and on the South-western external side of shed (as required)
- Hoses on site for dust suppression.
- Fire Fighting equipment.

2. Summary Information

2.1 Waste Received

The waste received at the facility from the 1st January 2014 to the 31st December 2014 was 69,487.25 tonnes. From the pie chart (Fig 1) it is evident that skip waste is the largest source of Panda's waste acceptance.

Fig. 1: Waste Collected by Panda 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 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 (W0140-03) 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.

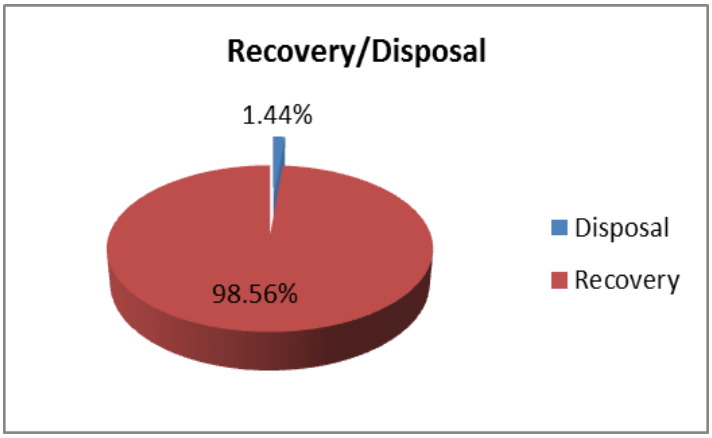
Panda process the mixed C&D waste in the Beauparc facility in building 2, this includes a shredder, trommel, magnet, wind shifter and a picking line so as to divert as much C&D waste away from landfill as possible in order to comply with "A Resource Opportunity, 2012" for landfill diversion. To date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

Table 1 and Fig. 2 details the recovery rates of waste leaving Panda's facility.

Table 1: Outgoing destination and recovery rate.

Destination	Tonnage
Disposal	1013.98
Recovery	69214.12

Fig. 2: Outgoing destination recovery rate.



2.4 Summary report on emissions and interpretation of environmental monitoring

Under Schedule C of the licence W0261-01, Panda are required to monitor storm water emissions, BMW content of municipal waste dispatched to landfill (Frequency-as specified by the Agency), trade effluent, noise and ambient air monitoring (Dust). 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

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 2014.

Fig. 3: Dust emission results for DS1 (AD1)

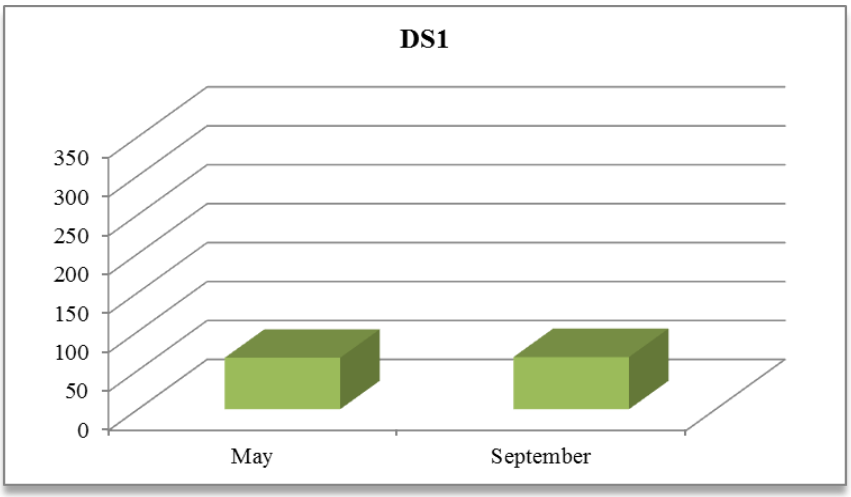
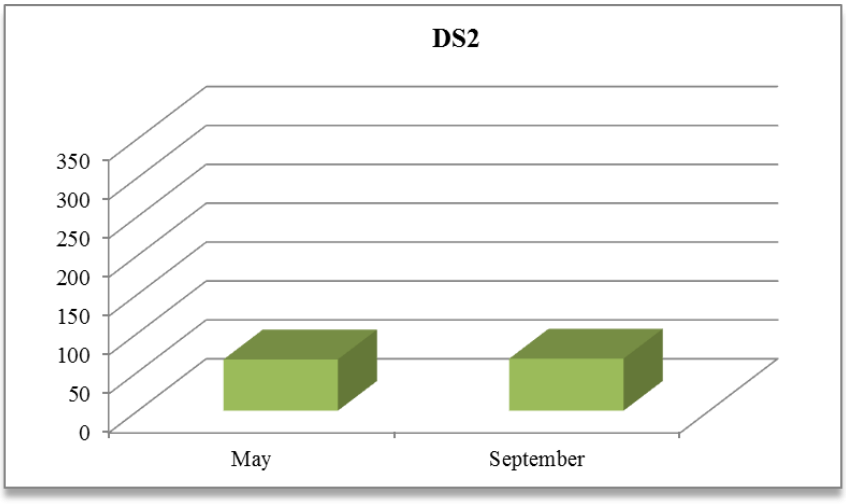


Fig. 4: Dust emission results for DS2 (AD2)



As per Schedule B.5, the dust deposition limit for the site is 350 mg m^{-2} d^{-1}. Both AD1 and AD2 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 2 and 3 detail results of noise monitoring conducted on the 18th December 2014.

Table 2. Day- time noise emissions 2014

Location	Time	Leq	L10	L90	Comments
AN1	16.06	51.8	54.6	48.1	Main noise emission from facility at 53dBA
AN2	16.17	49.9	55.4	50.2	Noise from waste facility
ANSL1	17.10	66.3	69.2	49.7	Mainly road traffic noise and waste facility at less than 48dBA
ANSL2	17.23	65.7	68.8	48.9	Mainly road traffic noise and waste facility less than Lmin of46 dBA

Table 3. Night- time noise emissions 2014

Location	Time	Leq	L10	L90	Comments
ANSL1	22.14	57.5	59.4	44.1	Road traffic noise –no activity on-site
ANSL2	22.19	56.8	58.9	43.9	Road traffic noise –no activity on-site

2.4.4 Trade Effluent

As part of the monitoring programme Panda must test the trade effluent sent off site for disposal. Table 4 details results of trade effluent monitoring in 2014.

Table 4. Trade effluent monitoring 2014

Parameter	Units	Result 28/03/14	Result 07/08/14	Result 17/12/14	Result 22/12/14
Ammonia	mg/L as N	26.58	103.33	126.06	105.76
Arsenic	ug/L	6.102	5.95	4.987	10.39
BOD	mg/L	220	4000	105	150
Boron	ug/L	389.9	717.1	497.9	62.5
Cadmium	ug/L	0.624	0.82	<0.05	0.47
Chloride	mg/L	207.86	524.2	934.91	97.54
Chromium	ug/L	10.46	69.38	3.621	9.096
COD	mg/L	755	6775	469	322
Copper	ug/L	49.06	86.33	2.884	10.98
Lead	ug/L	88.87	67.94	0.878	5.779
Mercury	ug/L	0.52	0.211	<0.04	<0.04
Mineral Oil	ug/L	<2.5	1210.71	<2.5	52.8
Nickel	ug/L	34.16	119.8	4.278	<2.29
pH	pH units	7.2	6.4	7.8	7.9
Selenium	ug/L	<2.12	<2.12	13.16	27.15
Sulphate	mg/L as SO_4	1194.29	375.41	71.21	53.34
Suspended Solids	mg/L	126	449	113	97
Zinc	ug/L	149.9	6553	25.19	36.52

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 bund, pipeline and UST integrity was tested in Q4 of 2012. The integrity of underground pipes, tanks and bunds were tested to be compliant.

2.4.6 Summary of resource and energy consumption

Table 5: Summary of Energy Consumption from January 2014 to December 2014.

Resource	
Gas Oil	110,223 Litres
Electricity	200.44 MWhr

2.4.7 Water

Water is obtained from the well located off site.

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. One 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

List 2: Waste processing equipment

1 x Forklift

1 x Moffit with clamps

1 x Track machine

1 x Volvo Box Truck for hanger sorting

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

2.5.2 Planned Infra-structure

Proposed infrastructure is outlined in List 3. It is anticipated that the concrete yards will be completed by the middle of 2015 and the additional waste handling building being completed by April 2015.

List 3: Proposed infrastructure:

1. Completion of concrete in yard.

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.

2.7 PRTR Emission.

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

3. Environmental objectives and targets – 2014 and 2015.

No	Objective & Target	Method of Achievement	Responsibility	2014 Programme	Complete in 2014	2015 Programme
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	Completed	July '15
		Ensure yards are cleaned at the end of each working day	Operatives	Continuous	Continuous	Continuous
2	**Prevent Water Pollution from Run-Off**	Ensure all gullies are maintained and regularly cleaned	Environmental Manager/ Operatives	Continuous	Continuous	Continuous
		Ensure that levels in the trade effluent tank is maintained at an appropriate height	Environmental Manager/Operatives	Continuous	Continuous	Continuous
3	**Assess & Review Resource & Energy Consumption at the site**	Carry out an energy audit on the site	Environmental Manager	May '11	Completed in '12	September 2015
4	**Maintain and Develop the Environmental Management System**	Maintain EMS Documentation on site	Environmental Manager	Continuous	Continuous	Continuous
		Update procedures to reflect operational and control changes				
5	**Assess Waste Acceptance Procedures so as to minimise volume of erratic's**	Communicate with customers about the items that are not acceptable in the in-coming wastes	Call Centre/Sales Reps	Continuous	Continuous	Continuous
6	**Environmental Monitoring**	Implement the Environmental Monitoring Programme specified in the Waste Licence	Environmental Manager	Continuous	Continuous	Continuous
		Investigate any accidences of emission limit values	Environmental Manager	Continuous	Continuous	Continuous
7	**Ensure and implement a training programme**	Identify staff training requirements and provide relevant training	Environmental Dept	July '14	Completed in '14	July '15

	Objective & Target	Method of Achievement	Responsibility	2013 Programme	Complete in 2013	2014 Programme
8	**To control any emergencies that may arise at the facility**	Review and implement an Emergency Response Procedure	Environmental Manager	July '14	Completed in '14	July '15
9	**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 Supervisor	June '14	Complete in '14	Aug '15
10	**Seek approval for the DMR building**	Prepare documentation for lodging to the Agency for approval	Environmental Dept and Project manager	July '14	Reviewed licence granted	N/a
11	**Office Recycling**	Continuation of office recycling	Office Manager/ Environmental Department	Continuous	Continuous	Continuous
12	**Pipe and UST Integrity Test**	Carry out a Pipe and Underground Storage Tank Integrity Test	Environmental Manager	Dec '13	Completed	2016
13	**Pipeline Survey Test**	Carrying out a pipe line integrity test	Environmental Manager	July '13	Completed	2016
14	**Yard Sweeper**	Purchase Permanent yard sweeper for yard	Maintenance Dept	N/a	N/a	Q1 2015

3.1 Summary of reported incidents and complaints

3.1.1 Reported Incidents Summary

No incidents occurred during this licence in 2014.

3.1.2 Complaints:

No complaints were made against the facility in 2014.

3.2 Review of nuisance controls

3.2.1 Odour

There is minimal risk of odour nuisance due to the nature of the waste accepted at the facility. However, fast turnaround times of waste help to prevent any odour nuisances that may occur.

There is a power washer available to wash odorous bins. Each day, the facility manager conducts 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 road sweeper visits the site at a minimum 3 times per week or more frequently if required. 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 site procedures was carried out, and no new procedures were developed in 2014.

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

- Facility licences (W0003-03, W0039-02, W0140-03, W0238-01, **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 201 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.

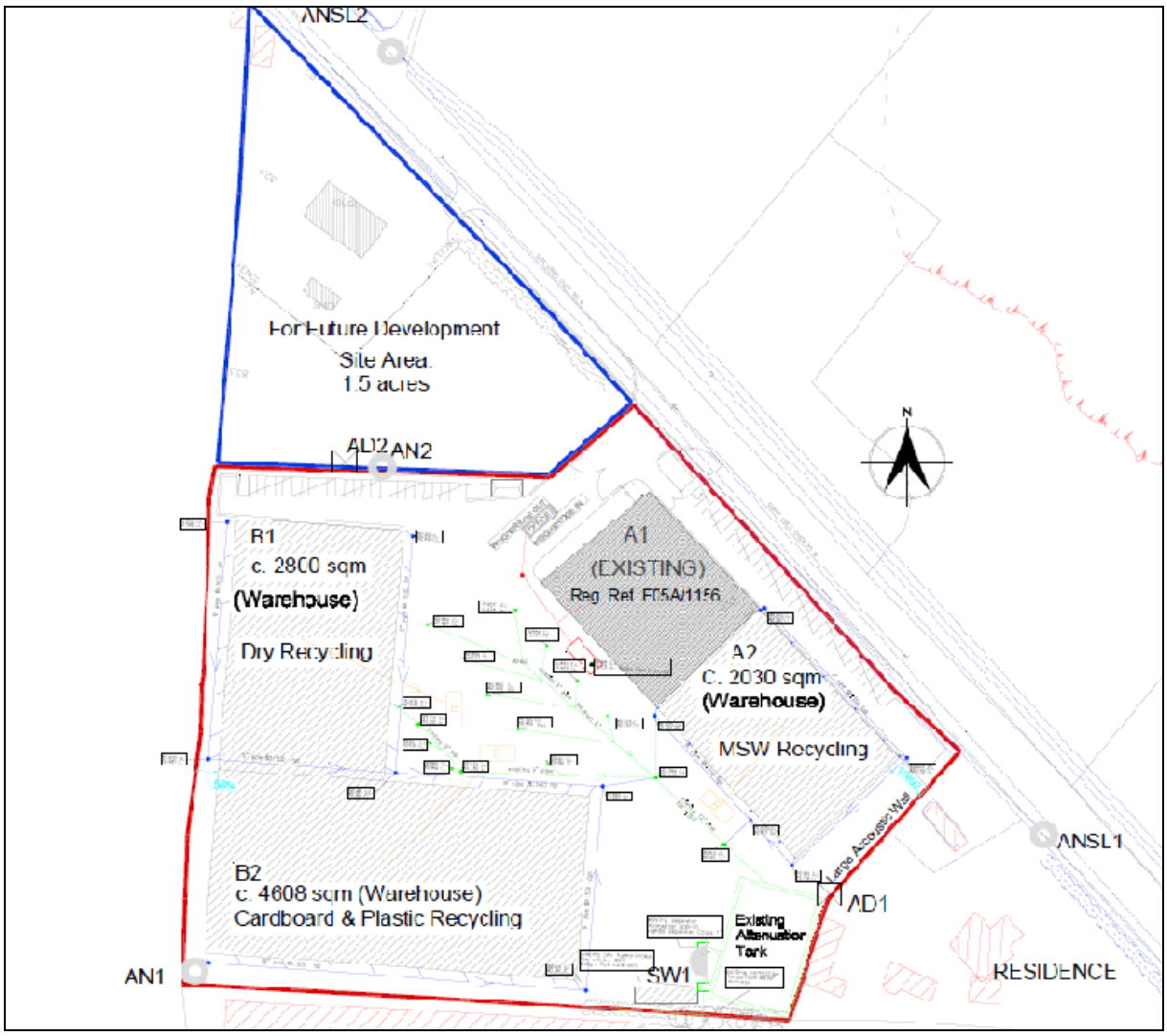
Advertisements are taken out regularly in the local newspapers informing customers of the services that Panda offer. There is also a large advertisement in the golden pages, which is available to the general public. Tours of the facilities are given to schools and to members of the public upon request.

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 2014.

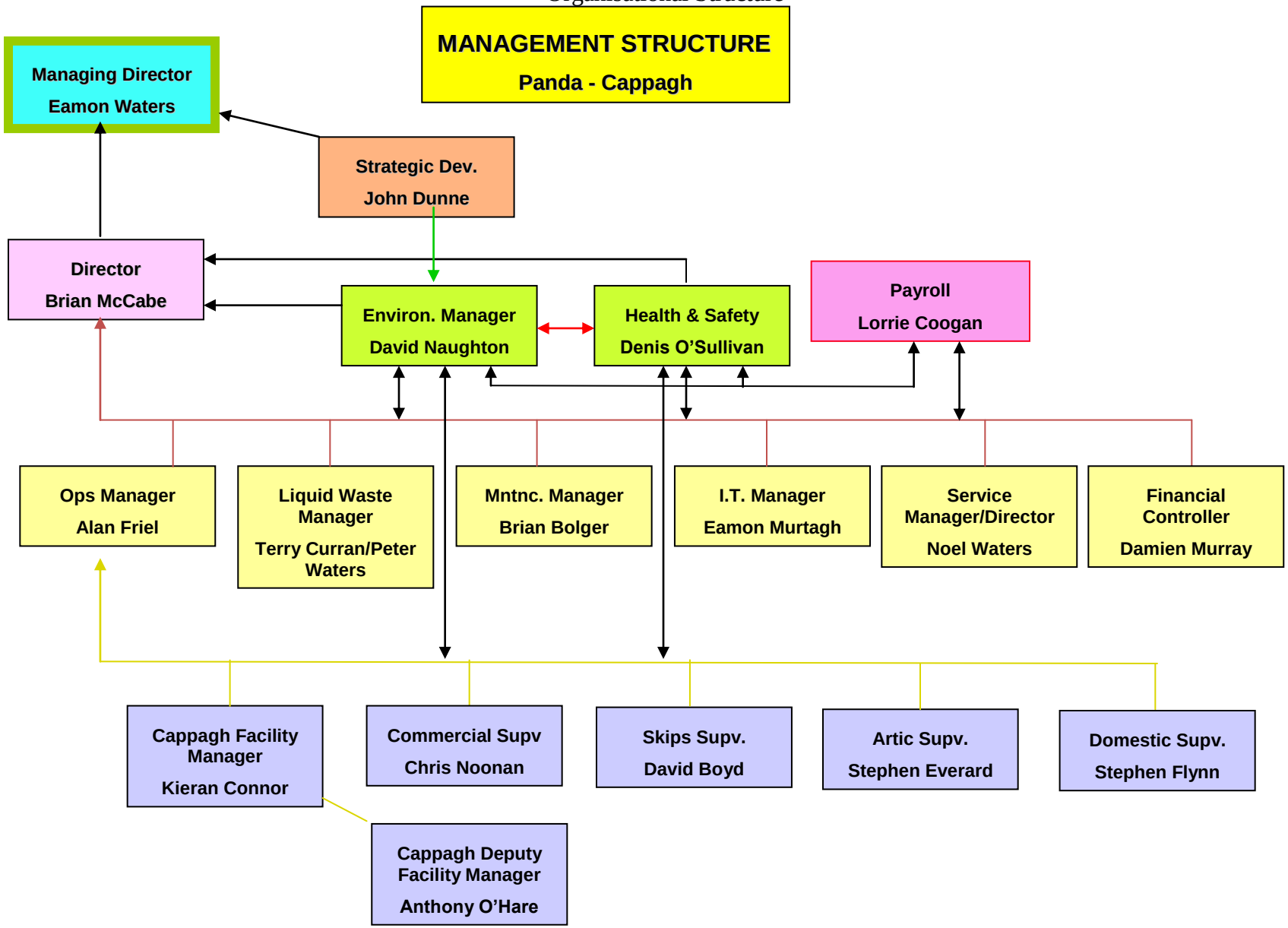
Appendix A

Site Layout



Appendix B

Organisational Structure



Appendix C

Financial Statement

Fagan Lynch Donnellan
Chartered Accountants & Registered Auditors

Our Ref: VL/NMcK

18th March 2015

Environmental Protection Agency,
McCumiskey House,
Richview,
Clonskeagh Road,
Dublin 14.

Re: Nurendale Ltd T/A Panda Waste

Dear Sir,

We act as Auditors 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 31.12.2013 with the Companies Office.

   Accounts and Tax Returns have also been filed with Inspector of Taxes for all years to 31st December 2013.

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.

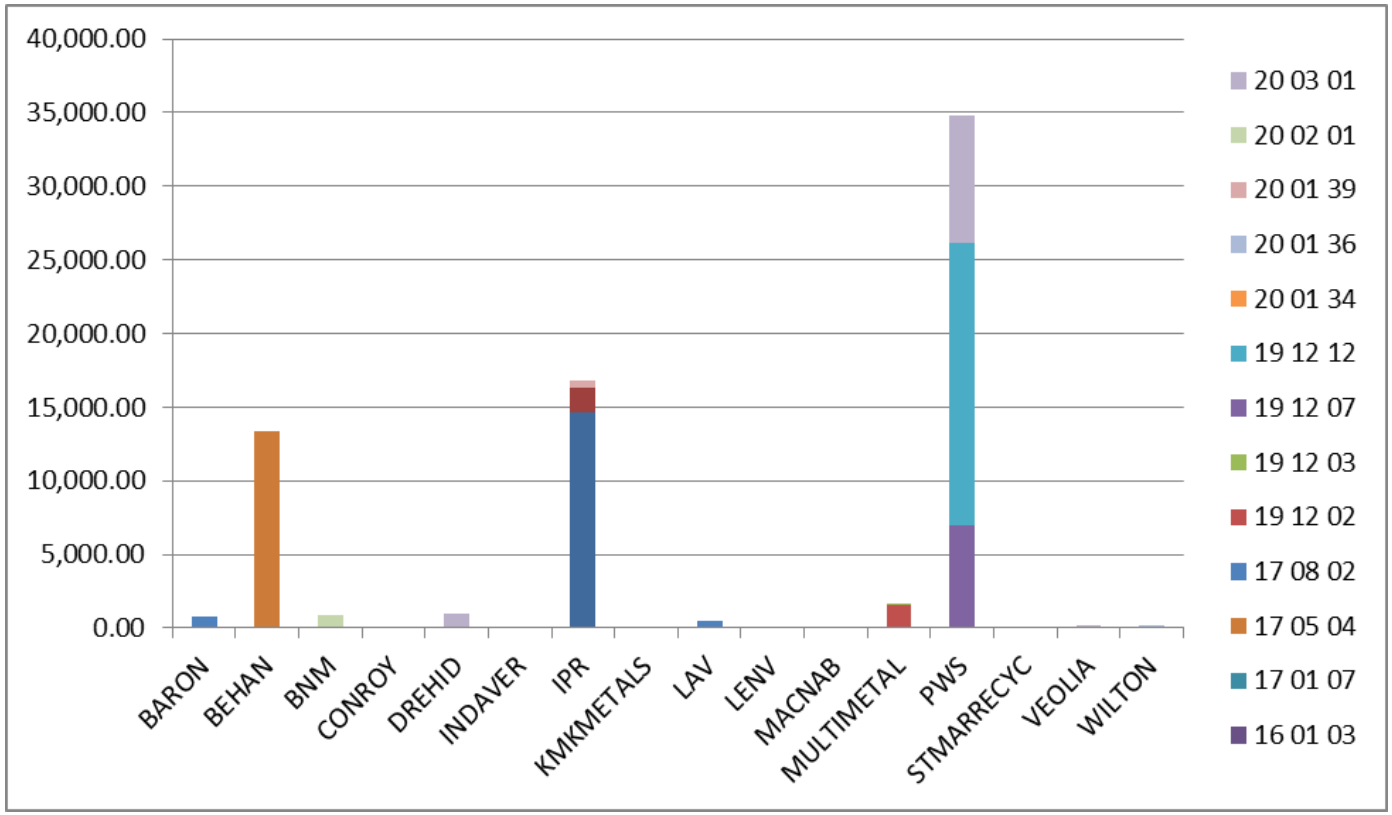
Yours faithfully,

FAGAN LYNCH DONNELLAN

Newbridge House, Athlumney, Navan, Co. Meath
Tel: (046) 9075500 Fax: (046) 9021242 e-mail: info@fld.ie www.fld.ie
John Fagan FCA Vincent Lynch FCA Mark McCartney FCCA

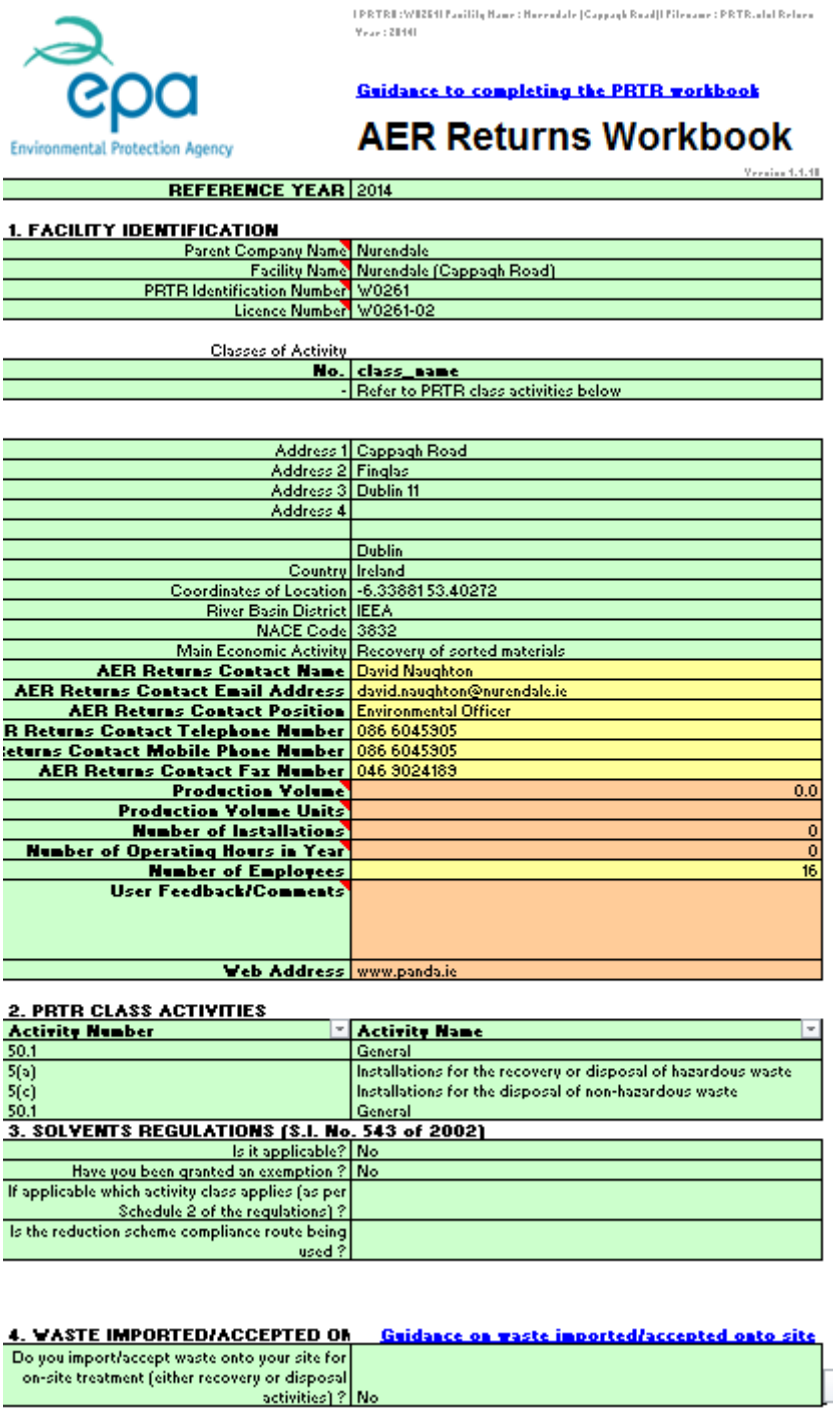
Appendix D

Outgoing by Destination



Appendix E

PRTR Emissions



[PRTR : W0261 | Facility Name : Nurendale (Cappagh Road) | Filename : PRTR.xlsx | Return Year : 2014]

Guidance to completing the PRTR workbook

AER Returns Workbook

Version 1.1.18

REFERENCE YEAR	2014

1. FACILITY IDENTIFICATION

Parent Company Name	Nurendale
Facility Name	Nurendale (Cappagh Road)
PRTR Identification Number	W0261
Licence Number	W0261-02

Classes of Activity

No.	class_name
-	Refer to PRTR class activities below

Address 1	Cappagh Road
Address 2	Finglas
Address 3	Dublin 11
Address 4	
	Dublin
Country	Ireland
Coordinates of Location	-6.3388153,40272
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@nurendale.ie
AER Returns Contact Position	Environmental Officer
R Returns Contact Telephone Number	086 6045905
eturns Contact Mobile Phone Number	086 6045905
AER Returns Contact Fax Number	046 9024183
Production Volume	0.0
Production Volume Units	
Number of Installations	0
Number of Operating Hours in Year	0
Number of Employees	16
User Feedback/Comments	
Web Address	www.panda.ie

2. PRTR CLASS ACTIVITIES

Activity Number	Activity Name
50.1	General
5(a)	Installations for the recovery or disposal of hazardous waste
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?	No
Have you been granted an exemption ?	No
If applicable which activity class applies (as per Schedule 2 of the regulations) ?	
Is the reduction scheme compliance route being used ?	

4. WASTE IMPORTED/ACCEPTED ON Guidance on waste imported/accepted onto site

Do you import/accept waste onto your site for on-site treatment (either recovery or disposal activities) ?	No

4.1 RELEASES TO AIR Link to previous years emissions data

me : PRTR.xls | Return Year : 2014 | 30/03/2015 16:04

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

RELEASES TO AIR		Please enter all quantities in this section in KGs			
POLLUTANT		ADD EMISSION POINT	QUANTITY		
No. Annex II	Name	Emission Point 1	T (Total) KG/Year	A (Accidental)	F (Fugitive)
		0.0	0.0	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 but

SECTION B : REMAINING PRTR POLLUTANTS

RELEASES TO AIR		Please enter all quantities in this section in KGs			
POLLUTANT		ADD EMISSION POINT	QUANTITY		
No. Annex II	Name	Emission Point 1	T (Total) KG/Year	A (Accidental)	F (Fugitive)
		0.0	0.0	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 but

SECTION C : REMAINING POLLUTANT EMISSIONS (As required in your Licence)

RELEASES TO AIR		Please enter all quantities in this section in KGs				
POLLUTANT		ADD EMISSION POINT		QUANTITY		
		DS1	DS2			
Pollutant No.	Name	Emission Point 1	Emission Point 2	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
210	Dust	0.02	0.02	0.04	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 but

Additional Data Requested from Landfill operators

For the purposes of the National Inventory on Greenhouse Gases, landfill operators are requested to provide summary data on landfill gas (Methane) flared or utilised on their facilities to accompany the figures for total methane generated. Operators should only report their Net methane (CH4) emission to the environment under T(total) KG/yr for Section A: Sector specific PRTR pollutants above. Please complete the table below:

Landfill: Nurendale (Cappagh Road)

Please enter summary data on the quantities of methane flared and / or utilised	T (Total) kg/Year	Facility Total Capacity m3 per hour	
Total estimated methane generation (as per site model)	0.0	N/A	
Methane flared	0.0	0.0	(Total Flaring Capacity)
Methane utilised in engine/s	0.0	0.0	(Total Utilising Capacity)
Net methane emission (as reported in Section A above)	0.0	N/A	

4.2 RELEASES TO WATERS

Link to previous years emissions data

| PRTR# : W0261 | Facility Name : Nurendale (Cappagh Road) | Filename : PRTR.xls | Return Year : 2014 | 30/03/2015 16:04

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

Data on ambient monitoring of storm/surface water or groundwater, conducted as part of your licence requirements, should NOT be submitte

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

SECTION B : REMAINING PRTR POLLUTANTS

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

SECTION C : REMAINING POLLUTANT EMISSIONS (as required in your Licence)

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

4.3 RELEASES TO WASTEWATER OR SEWER

Link to previous years emissions data

| PRTR# : W0261 | Facility Name : Nurendale (Cappagh Road) | Filename : PRTR.xls | Return Year : 20 | 30/03/2015 16:04

SECTION A : PRTR POLLUTANTS

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			ADD EMISSION POINT	QUANTITY		
			Method Used					
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
06	Ammonia (NH3)	M	ALT	Colorimetry	0.01	0.01	0.0	0.0
17	Arsenic and compounds (as As)	M	ALT	ICPMS	0.0	0.0	0.0	0.0
18	Cadmium and compounds (as Cd)	M	ALT	ICPMS	0.0	0.0	0.0	0.0
79	Chlorides (as Cl)	M	ALT	Colorimetry	0.05	0.05	0.0	0.0
19	Chromium and compounds (as Cr)	M	ALT	ICPMS	0.0	0.0	0.0	0.0
20	Copper and compounds (as Cu)	M	ALT	ICPMS	0.0	0.0	0.0	0.0
23	Lead and compounds (as Pb)	M	ALT	ICPMS	0.0	0.0	0.0	0.0
21	Mercury and compounds (as Hg)	M	ALT	ICPMS	0.0	0.0	0.0	0.0
22	Nickel and compounds (as Ni)	M	ALT	ICPMS	0.0	0.0	0.0	0.0
24	**Zinc and compounds (as Zn)**	M	ALT	ICPMS	0.0	0.0	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

SECTION B : REMAINING POLLUTANT EMISSIONS (as required in your Licence)

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			ADD EMISSION POINT	QUANTITY		
			Method Used					
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
303	BOD	M	ALT	Electrometry	0.42	0.42	0.0	0.0
374	Boron	M	ALT	ICPMS	0.0	0.0	0.0	0.0
306	COD	M	ALT	Colorimetry	0.56	0.56	0.0	0.0
324	Mineral oils	M	SSC	GC-FID	0.0	0.0	0.0	0.0
370	Selenium	M	ALT	ICPMS	0.0	0.0	0.0	0.0
240	Suspended Solids	M	ALT	Filtration/Drying @104C	0.12	0.12	0.0	0.0
343	Sulphate	M	ALT	Colorimetry	0.04	0.04	0.0	0.0

4.4 RELEASES TO LAND Link to previous years emissions data | PRTR# : W0261 | Facility Name : Nurendale (Cappagh Road) | Filename : PRTR.xls | Return Year : 2014 | 30/03/2015 16:04

SECTION A : PRTR POLLUTANTS

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

SECTION B : REMAINING POLLUTANT EMISSIONS (as required in your Licence)

RELEASES TO LAND					Please enter all quantities in this section in KGs		
POLLUTANT		METHOD			ADD EMISSION POINT	QUANTITY	
			Method Used				
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental)
					0.0	0.0	0.0

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF [PRTR#:W0264 | Facility Name: Nurendale | Copyright Road | Filename: PRTR.xlsx | Return Year: 2014] [18/03/20]

Please enter all quantities on this sheet in Tonnes

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	NonWaste: Name and License/Permit No of Next Destination Facility. NonNonWaste: Name and License/Permit No of Recovery/Disposer	NonWaste: Address of Next Destination Facility. NonNonWaste: Address of Recovery/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUSWASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal (HAZARDOUSWASTE ONLY)
						M/C/E	Method Used					
Within the Country	15 01 01	No	14673.13	paper and cardboard packaging	R12	M	Weighed	Offsite in Ireland	Irish Packaging Recycling ,W0263-01	Lower Ballymount Road,Walkinstown,Dublin 12,,Ireland		
Within the Country	15 01 01	No		paper and cardboard packaging	R12	M	Weighed	Offsite in Ireland	Panda Navan,W0140-03	Rathdrinagh,Beauparc,Navan,Co. Meath,Ireland		
Within the Country	15 01 01	No		paper and cardboard packaging	R12	M	Weighed	Offsite in Ireland	Dublin City Council MRF,W0238-01	Merrywell Business Park,Ballymount,Dublin 12,,Ireland		
Within the Country	15 01 02	No	1642.36	plastic packaging	R12	M	Weighed	Offsite in Ireland	Irish Packaging Recycling Ltd,W0263-01	Lower Ballymount Road,Walkinstown,Dublin 12,,Ireland		
Within the Country	15 01 03	No	11.32	wooden packaging	R12	M	Weighed	Offsite in Ireland	Conroy Recycling Company Ltd,WFP-WH-2009-0002-01	Sonna,Slanemore,Mullingar,Co.Westmeath,Ireland		
Within the Country	16 01 03	No		end-of-life tyres	R1	M	Weighed	Offsite in Ireland	Indaver,W0167	Carranstown,Duleek,Co. Meath,,Ireland		
Within the Country	16 01 03	No	26.72	end-of-life tyres	R12	M	Weighed	Offsite in Ireland	Irish Packaging Recycling ,W0263-01	Lower Ballymount Road,Walkinstown,Dublin 12,,Ireland		
Within the Country	17 02 01	No		wood	R12	M	Weighed	Offsite in Ireland	Nurendale,W0140-03	Beauparc Business Park,Navan,Co. Meath,,Ireland		
Within the Country	17 05 04	No	13251.31	soil and stones other than those mentioned in 17 05 03	R10	M	Weighed	Offsite in Ireland	Behans Land Restoration Ltd,W0247-01	Blackhall,Punchestown,Naas,Co. Kildare,Ireland		
Within the Country	17 05 04	No		soil and stones other than those mentioned in 17 05 03	R10	M	Weighed	Offsite in Ireland	Murphy Environmental ,W0129-01	Hollywood Great,Nags Head,The Naul,Co. Dublin,Ireland		
To Other Countries	17 08 02	No	774.48	gypsum-based construction materials other than those mentioned in 17 08 01	R12	M	Weighed	Abroad	Baron Recycling Ltd,NI 070043	31The Dales,Cookstown,Co. Tyrone,BT80 8TF,United Kingdom		
Within the Country	17 08 02	No		gypsum-based construction materials other than those mentioned in 17 08 01	R12	M	Weighed	Offsite in Ireland	Nurendale,W0140-03	Beauparc Business Park,Navan,Co. Meath,,Ireland		
Within the Country	17 09 04	No		mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R12	M	Weighed	Offsite in Ireland	Nurendale,W0140-03	Beauparc Business Park,Navan,Co. Meath,,Ireland		
Within the Country	19 12 02	No	1587.46	ferrous metal	R12	M	Weighed	Offsite in Ireland	Multimetals,WFP-WW-03-0014-01	Conway Port Industrial Estate,Ballarney,Murrough,Co. Wicklow,Ireland		
Within the Country	19 12 02	No		ferrous metal	R12	M	Weighed	Offsite in Ireland	Electrical Waste Management Ltd,WFP-DS-09-0012-01	Block 402 Jordanstown Drive,Greenogue Industrial Estate,Rathcoole,Co. Dublin,Ireland		
Within the Country	19 12 02	No		ferrous metal	R12	M	Weighed	Offsite in Ireland	Nurendale,W0140-03	Beauparc Business Park,Navan,Co. Meath,,Ireland		
Within the Country	19 12 02	No	25.26	ferrous metal	R12	M	Weighed	Offsite in Ireland	Wilton Waste Recycling Ltd,WFP-CN-10-0005-	Kiffagh,Crosserlough,Ballyjamesduff,Co.		
Within the Country	19 12 03	No	5.68	non-ferrous metal	R12	M	Weighed	Offsite in Ireland	Nurendale,W0140-03	Beauparc Business Park,Navan,Co. Meath,,Ireland		
Within the Country	19 12 07	No	6327.34	wood other than that mentioned in 19 12 06	R12	M	Weighed	Offsite in Ireland	Nurendale,W0140-03	Beauparc Business Park,Navan,Co. Meath,,Ireland		
Within the Country	19 12 10	No		SRF	R1	M	Weighed	Offsite in Ireland	Lagan Cement,P0487	Kinnegad,Co. Westmeath,,,Ireland		
Within the Country	19 12 12	No	19218.88	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	R12	M	Weighed	Offsite in Ireland	Nurendale,W0140-03	Beauparc Business Park,Navan,Co. Meath,,Ireland		
Within the Country	19 12 12	No		RDF	R12	M	Weighed	Offsite in Ireland	Panda Navan,W0140-03	Rathdrinagh,Beauparc,Navan,Co. Meath,Ireland		
To Other Countries	20 01 02	No		glass	R12	M	Weighed	Abroad	Regen,44110	Shepherds Drive,Carnbane Industrial Estate,Newry Co. Down,BT35 6JQ,United Kingdom		

Within the Country	20 01 36	No	105.8	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35	R12	M	Weighed	Offsite in Ireland	KMK Metals Recycling Ltd,W0113-03	Cappincur Industrial Estate,Daingean Road,Tullamore,Co. Offaly,Ireland
Within the Country	20 01 39	No	411.43	plastics	R12	M	Weighed	Offsite in Ireland	Irish Packaging Recycling ,W0263-01	Lower Ballymount Road,Walkinstown,Dublin 12,,,Ireland
Within the Cou	**20 02 01**	**No**	850.52	biodegradable waste	R3	M	Weighed	Offsite in Ireland	Bord Na Mona,W0138.01	Kilbery,Athy,Co. Kildare,,,Ireland
Within the Country	20 02 01	No		biodegradable waste	R3	M	Weighed	Offsite in Ireland	Enrich,WFP-MH-08-0004-02	Larch Hill Stud,Newtownrathganley,Kilcock,Co. Meath,Ireland
Within the Country	20 02 01	No	120.5	biodegradable waste	R13	M	Weighed	Offsite in Ireland	Nurendale,W0033-02	Ballymount Cross,Tallaght,Dublin 24,,,Ireland
Within the Country	20 03 01	No	109.34	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Nurendale,W0033-02	Ballymount Cross,Tallaght,Dublin 24,,,Ireland
Within the Country	20 03 01	No		mixed municipal waste	D1	M	Weighed	Offsite in Ireland	Whiteriver Landfill,W0060-02	Dunleer,Co. Louth,,,,Ireland
Within the Country	20 03 01	No		Dry Recyclables	R12	M	Weighed	Offsite in Ireland	Dublin City Council MRF,W0238-01	Merrywell Business Park,Ballymount,Dublin 12,,,Ireland
Within the Country	20 03 01	No		Dry Recyclables	R12	M	Weighed	Offsite in Ireland	Dillon waste and recycling,WFP KY 10-001	The Kerries,Tralee,Co. Kerry,,,Ireland
Within the Country	20 03 01	No		Dry Recyclables	R12	M	Weighed	Offsite in Ireland	Irish Packaging Recycling Ltd,W0263-01	Lower Ballymount Road,Walkinstown,Dublin 12,,,Ireland
Within the Country	20 03 01	No		Dry Recyclables	R12	M	Weighed	Offsite in Ireland	Killarney Waste Disposal,W0217-01	Aughacurreen,Killarney,Co. Kerry,,,Ireland
Within the Country	20 03 01	No		Dry Recyclables	R13	M	Weighed	Offsite in Ireland	Panda Navan,W0140-03	Rathdrinagh,Beaupare,Navan,Co. Meath,Ireland
To Other Countries	20 03 01	No		Dry Recyclables	R12	M	Weighed	Abroad	Regen,44110	Shepherds Drive,Carnbane Industrial Estate,Newry Co. Down,BT35 6JQ,United Kingdom
Within the Country	20 03 01	No		Dry Recyclables	R12	M	Weighed	Offsite in Ireland	Thorntons Recycling,WFP-DC-10-0021-02	Unit 51 Henry Road,Park West Business Park,Dublin 12,,,Ireland
Within the Country	20 03 01	No	62.06	mixed municipal waste	R1	M	Weighed	Offsite in Ireland	Indaver,W0167	Carranstown,Duleek,Co. Meath,,,Ireland
Within the Country	20 03 01	No	8630.32	mixed municipal waste	R12	M	Weighed	Offsite in Ireland	Nurendale,W0140-03	Beaupare Business Park,Navan,Co. Meath,,,Ireland
Within the Country	20 03 01	No	1013.36	mixed municipal waste	D1	M	Weighed	Offsite in Ireland	Bord na Mona Drehid,W0201-03	Carbury,Co. Kildare,,,,Ireland
Within the Country	19 12 07	No	13.3	wood other than that mentioned in 19 12 06	R12	M	Weighed	Offsite in Ireland	Irish Packaging Recycling ,W0263-01	Lower Ballymount Road,Walkinstown,Dublin 12,,,Ireland
Within the Country	17 01 07	No	117.34	mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06	R12	M	Weighed	Offsite in Ireland	Behans Land Restoration Ltd,W0247-01	Blackhall,Punchestown,Naas,Co. Kildare,Ireland
To Other Countries	17 08 02	No	459.42	gypsum-based construction materials other than those mentioned in 17 08 01	R12	M	Weighed	Abroad	Laverty (Patrick),LN/11/63/T	129A Coolkeeran Road,Loughguile,Ballymena,Co. Antrim BT44 9JL,United Kingdom
Within the Country	20 01 39	No	31.06	plastics	R12	M	Weighed	Offsite in Ireland	Leinster Environmentals,WFP-LH-11-0002-01	Clermont Business Park,Haynestown TD,Haggardstown,Dundalk Co. Louth,Ireland
To Other Countries	17 08 02	No	82.42	gypsum-based construction materials other than those mentioned in 17 08 01	R12	M	Weighed	Abroad	MacNabb Bros. Waste Disposal Ltd,LN/09/111/M	23 Downpatrick Road,Killough,Co. Down,BT30 7QB,United Kingdom
Within the Country	19 12 03	No	10.22	non-ferrous metal	R12	M	Weighed	Offsite in Ireland	Multimetals,WFP-WW-09-0014-01	Conway Port Industrial Estate,Ballarney,Murrough ,Co. Wicklow,Ireland
Within the Country	17 05 04	No	32.34	soil and stones other than those mentioned in 17 05 03	R12	M	Weighed	Offsite in Ireland	Nurendale,W0140-03	Beaupare Business Park,Navan,Co. Meath,,,Ireland
Within the Country	20 01 34	No	6.63	batteries and accumulators other than those mentioned in 20 01 33	R12	M	Weighed	Offsite in Ireland	St. Margarets Recycling & Transfer Centre Ltd,WFP-FG-13-0002-01	Sandyhills,St. Margarets ,Co. Dublin ,...,Ireland
Within the Country	19 12 03	No	25.24	non-ferrous metal	R12	M	Weighed	Offsite in Ireland	Wilton Waste Recycling Ltd,WFP-CN-10-0005-01(1)	Kiffagh,Crosserlough,Ballyjamesduff,Co. Cavan,Ireland
Within the Country	20 01 36	No	0.44	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35	R12	M	Weighed	Offsite in Ireland	Wilton Waste Recycling Ltd,WFP-CN-10-0005-01(1)	Kiffagh,Crosserlough,Ballyjamesduff,Co. Cavan,Ireland