OXIGEN ENVIRONMENTAL



Annual Environmental Report 2012

W0208-01

Materials Recovery Facility At Merrywell Industrial Estate Ballymount Road Lower Dublin 22

PREPARED BY, OXIGEN ENVIRONMENTAL

MARCH 2013

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Introduction

Oxigen Environmental Ltd. (Oxigen) was granted waste licence W208-01 in March 2006 and began operating under this licence on 1st July 2006. Oxigen operate a dry recycling, C&D and general skip waste recovery facility at Merrywell Industrial Estate, Ballymount, Dublin 22. Oxigen also operate as a transfer station for Hazardous Waste, mainly asbestos.

In accordance with the requirements of Condition 11.8 of the waste licence, an Annual Environmental Report (AER) for the facility must be submitted to the Environmental Protection Agency (The Agency).

This is the seventh AER for the facility, covering the period from 1st January 2012 to 31st December 2012.

The Facility is located at:-

Oxigen Environmental Ltd, Merrywell Iendustrial Estate, Ballymount Road, Ballymount, Dublin 22.

Tel: (01) 4263118 Fax: (01) 4567192

The National Grid co-ordinates for the location of the facility are: E309627 N230736.

1. FACILITY LOCATION, DESCRIPTION AND WASTE ACTIVITIES

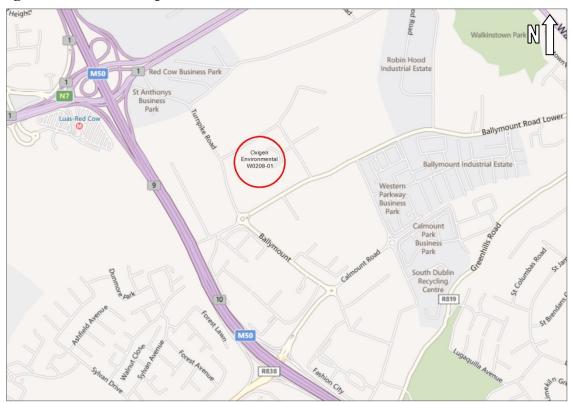


Figure 1.1 Location Map

Bing Maps 2013

1.1 Description of the Site

The site was historically used as a steel works operated by Corus Steel (formerly The Irish Steel Company), until 2003 when it was purchased by Oxigen. The site then operated under Waste Facility Permit number W041 issued by South Dublin County Council.

The total area of the site is thirteen acres. A technical amendment to the licence was granted in May 2008 to reduce the waste acceptance quantities by 100,000 tonnes and to reduce the site boundary.

The facility is part of the overall Ballymount Industrial Estate and is surrounded on all four sides by commercial/industrial units. Three roads border the site, the Turnpike Road, the other two roads are unnamed internal estate roads. The main entrance to the site is located to the northeast of the facility off one of the internal estate roads. The nearest residential dwelling is located approximately 180m north -west of the facility.

The site is zoned "E – to provide for enterprise, employment and related uses" under the County Development Plan 2004 - 2010.

Waste Licence Register No. W0208-01

The site is located within the River Liffey catchment, in the sub-catchment of the River Camac, via the Robinhood Stream. The bedrock consists of Calp Limestone and is overlaid by glacial till, which consists of firm to stiff sandy gravely clays with clasts present. The site is predominantly flat, with earth mound along the southern and western boundaries. The topographical level ranges from 59.27m OD to 64.48m OD, with the buildings heights being 72.97m OD.

The licensed waste handling activities, permitted under the Third and Fourth Schedule of the Waste Management Acts 1996 to 2005 are detailed below:

1.2 Waste Licensed Activities

- Class 7 Physico-chemical treatment not referred to elsewhere in this schedule which results in final compounds or mixtures which are disposed of by means of any activity referred to in paragraphs 1 to 5 paragraphs 8 to 10 of this schedule (including evaporation, drying and calcination)
- *Class 11* Blending or mixture prior to submission to any activity referred to in a preceding paragraph
- *Class 12* Repackaging prior to submission to 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 the temporary storage, pending collection, on the premises where such waste is produced.

1.3 Waste Recovery Activities

- *Class 2* Recycling or reclamation of organic substances which are not used as solvents (including and or biological 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 preceeded paragraph of this schedule

Oxigen Environmental Ltd., Merrywell Industrial Estate, Ballymount, Dublin 22

- *Class 12* Exchange of waste for submission to 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 produce.

2. Emissions from the facility

2 Emissions from the Facility

All emissions from the facility in 2012 were monitored by BHP Laboratories Ltd. Foul water, surface water and dust were all monitored in 2012. The results of all monitoring have been summarised in the tables below. The full monitoring reports are available for inspection at the facility. There is a high level of compliance with the standards set in the licence.

2.1 Noise Monitoring Summary

Noise monitoring was carried out on the 9th June 2009. The noise contribution made by operations at Oxigen did not exceed the daytime background limit by more than 10dB. The night time limit of 45dB was not breached by Oxigen's operations. There was no evidence of a tonal or impulsive component to the noise attributable to the plant operations.

2.2 Foul Water Monthly Monitoring Results Summary 2012

Parameter	Units	ELV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Temperature	*C	42	14.2	16.1	15.2	16.1	19.8	23.4	26.7	25.1	18.9	22.3	18.96	20.6
рН	pH Units	6-10	7.12	8.75	7.73	7.03	7.31	7.91	8.6	6.89	7.14	8.72	7.58	7.86
BOD	mg/l	1000	460	303	490	292	96	23.4	181	88	48	156	92	82
COD	mg/l	3000	1000	588	631	515	185	25	245	197	96	263	268	182
Total Suspended Solids	mg/l	1000	52	407	590	137	93	78	69	85	22	70	98	120
Sulphates (as SO4)	mg/l	1000	49	41.6	72.8	40	34.6	34	52.1	9.2	38.1	73.9	40.62	48.32
Oils, Fats & Grease	mg/l	100	16	11	22	14	2	49.4	<1	<1	<1	5	6	<1
Mineral Oils	mg/l	10	<0.01	<0.01	<0.01	<0.01	<0.01	<1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Detergents	mg/l	100	0.021	0.035	0.056	0.064	0.014	0.027	0.027	0.012	0.006	0.011	0.035	0.036
Zinc	mg/l	5	0.014	0.03	0.02	0.126	0.036	0.006	0.016	0.036	0.036	0.042	0.05	0.056
Copper	mg/l	5	0.005	0.018	0.016	0.089	0.054	<0.001	0.052	0.022	0.024	0.067	<0.001	0.126
Flow	m3/hr	5	0.31	0.45	0.31	-	0.57	0.84	0.48	0.21	0.31	-	-	0.51

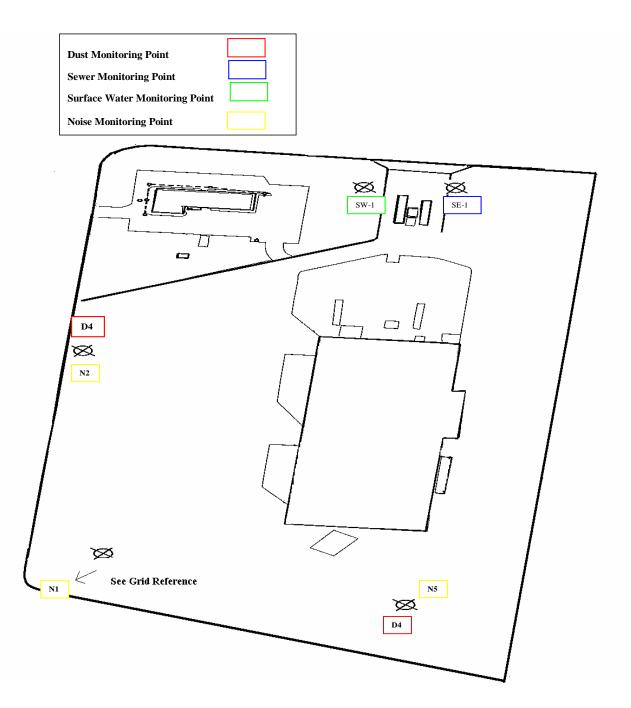
2.3 Quarterly Surface Water Monitoring Results Summary

Parameters	Units	January	Мау	September	November
Temperature	*C	8.8	9.9	12.6	9.1
рН	pH units	6.4	7.31	6.3	6.6
Conductivity	uScm -1	729	1395	759	950.0
BOD	mg/l	8	9	4	12.0
COD	mg/l	53	62.2	38	49.3
Suspended Solids	mg/l	59	134	22	68.9
Ammonia (as N)	mg/l	0.42	1.82	1.9	1.5
Mineral Oils	mg/l	<0.01	<0.01	<0.01	<0.01

	D1	D2	D3
Results 1 (March)	139	176.2	109.8
Results 2 (August)	215.2	186.3	95
Results 3 (September)	15.6	25.6	17.64
Results 4 (Oct)	48.5	35.9	26.3
Results 5 (December)	139	176.2	109.8

2.4 Bi annual Dust Monitoring Results Summary

Figure 3. Oxigen Ballymount Monitoring Locations



3. WASTE MANAGEMENT RECORD

3 Waste Management Record

Oxigen Environmental Ballymount create various waste streams arising from the operation of the facility, mostly attributed to staff activity and maintenance. Oxigen ensure that recycling of each waste stream is promoted, through provision of facilities and through staff education.

3.1 Maintenance

The waste arising from the mechanics shed consists of oily solid waste, waste oil, waste coolant, break fluid and lead acid batteries collected by an approved contractor for recycling.

3.2 Office paper

The office paper waste arising in the office building is shredded and placed in the green recycling bins provided in each office. Bins are collected as part of a larger dry recyclables collection route carried out by Oxigen, and deposited at the Oxigen Ballymount Facility for segregation and recycling.

3.3 Canteen Waste

Canteen waste which arises from the office building and the canteen in the processing shed is collected as part of a larger municipal waste collection route carried out by Oxigen and transferred to Oxigen, Robinhood facility. Green bins are also provided for recyclable canteen waste.

4. QUANTITY AND COMPOSITION OF WASTE RECOVERED, RECEIVED AND DISPOSED OF DURING THE REPORTING PERIOD.

4. Quantity and Composition of Waste Recovered, Received and Disposed of During 2012

4.1 Tonnage of Waste Received at Oxigen Ballymount for the period of 1st January to 31st December 2012

Waste Description	EWC Code	Weights (Tonnes)
DRY MIXED RECYCLING	20 03 01	20791.06
DUST FROM MECHANICAL TREATMENT	19 12 12	205.2
GARDEN AND PARK (INC. CEMETARY) WASTE	20 02 01	837.8
GULLY SUCKER	20 03 03	1353.7
MIXED C & D EWC	17 09 04	41466.33
MIXED C&D (PROCESSED)	19 12 12	606.52
MIXED WEEE	20 01 36	62.66
S.R.F (SOLID RECOVERED FUEL)	19 12 10	293.96
STREET SWEEPING	20 03 03	3165.64
MIXED PAPER WASTE	20 01 01	5.48
ORGANIC FINES	19 12 12	1.66
BULKY WASTE	20 03 07	17001.08
Total		85,791.09

Table 4.1.1 Total Mixed Waste Received 2012

Waste Description	EWC Code	Weights (Tonnes)
ALUMINIUM	15 01 04	35.76
BROWN GLASS	15 01 07	138.36
C&D FINES	19 12 09	329.92
CABLE	17 04 11	19.58
CARDBOARD	15 01 01	4270.51
CLEAR GLASS	15 01 07	255.16
END OF LIFE TYRES	16 01 03	4.14
FLAT GLASS	20 01 02	27.5
FRAG FEED	20 01 40	730.64
FRIDGE FREEZERS	16 02 11	2.81
GLASS EWC	15 01 07	93.92
GREEN BIODEGRAGABLE WASTE	20 02 01	4158.43
GREEN GLASS	15 01 07	248.3
HARD PLASTIC	17 02 03	16.52
PLASTERBOARD / GYPSUM	17 08 02	194.02
PLASTIC BOTTLES	15 02 01	111.02
PLASTIC PACKAGING	15 01 02	1228.48
PLASTICS	20 01 39	46.28
POLYSTYRENE	15 01 02	2.86

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RUBBLE	17 01 07	7.72
SEAWATER FILTRATE	10 01 26	0.51
SHREDDED PAPER	20 03 01	0.74
STEEL CANS	15 01 04	21.28
TETRAPAK	15 01 05	34.68
TEXTILES	20 01 11	8.92
TIMBER PACKAGING	15 01 03	1508.54
WHITE PAPER	20 01 01	2.32
WOOD	20 01 38	1314.44
BULKY HOUSEHOLD WASTE	20 03 07	2.58
Total		14,815.94

Table 4.1.3 Total Hazardous Waste Received 2012

EWC Code	Waste Type	Weight (Tonnes)
07 05 01*	Aqueous washing liquids and mother liquids	0.50
07 05 13*	Solid wastes containing dangerous substances	1.20
08 01 11*	Waste paint and varnish containing organic solvents or other dangerous substances	13.51
08 01 15*	Aqueous Sludges containing paint or varnish containing organic solvents or other dangerous substances	2.13
08 03 12*	Waste ink containing dangerous substances	2.07
09 01 01*	Water-based developer and activator solutions	1.92
13 02 08*	Other engine, gear and lubricating oils	1.62
15 01 10*	Packaging containing residues of or contaminated by dangerous substances	0.19
15 02 02*	Absorbents, filter materials, wiping cloths, protective clothing contaminated by dangerous substances	0.91
16 05 04*	Gases in pressure containers containing dangerous substances	10.08
16 05 08*	Discarded organic chemicals consisting of or containing dangerous substances	0.17
16 06 01*	Lead Batteries	1.34
18 01 01*	Sharps (except 18 01 03)	0.11
19 12 11*	Other wastes from mechanical treatment of waste containing dangerous substances	22.69
20 01 26*		1.72
20 01 27*	Paint, inks, adhesives and resins containing dangerous substances	330.60
20 01 21*	fluorescent tubes and other mercury-containing waste	0.05
20 01 32	medicines other than those mentioned in 20 01 31	0.19
17 05 03*	Soil and Stones Containing dangerous substances	1,161.36
17 06 01*	Insulation materials containing asbestos	57.41
17 06 05*	Construction materials containing asbestos	1,729.71
17 06 01*	Insulation materials containing asbestos	2.90
	Total	3342.38

4.2 Tonnage of Waste Recovered, Recycled and Disposed of at Oxigen Ballymount for the period of 1st January to 31st December 2012

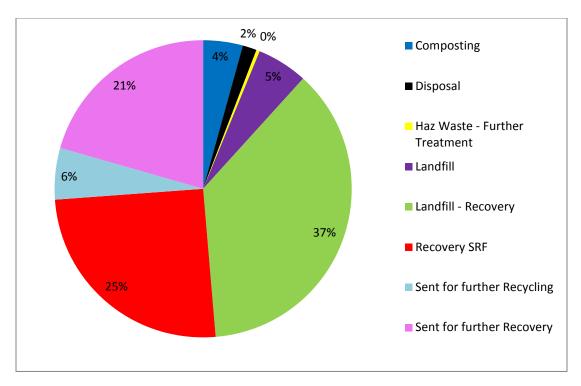


Fig 4.1 Chart illustrating waste sent off site.

Table 4.2.1 Tonnage of Waste Recycled 2012

Waste Type	EWC	Weight (Tonnes)
ALUMINIUM	15 01 04	64.70
BROWN GLASS	15 01 07	114.84
BULKY WASTE	20 03 07	16.34
C&D FINES	19 12 09	256.72
CARDBOARD	15 01 01	5,557.12
CLEAR GLASS	15 01 07	329.24
DRY MIXED RECYCLING	20 03 01	3,712.22
END OF LIFE TYRES	16 01 03	32.44
FRAG FEED	20 01 40	1,009.60
GREEN GLASS	15 01 07	288.70
HARD PLASTIC	17 02 03	108.06
HAZ WASTE	20 01 27	0.18
LEAD BATTERIES	20 01 33	0.64
MIXED C & D	17 09 04	46.38
PLASTERBOARD / GYPSUM	17 08 02	5.34

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PLASTIC BOTTLES	15 02 01	770.60
PLASTIC PACKAGING	15 01 02	17.96
S.R.F (SOLID RECOVERED FUEL)	19 12 10	257.86
SHREDDED FERROUS METAL	19 12 02	1,668.68
SHREDDED PAPER	20 03 01	1.48
STEEL CANS	15 01 04	201.74
TETRAPAK	15 01 05	23.44
WOOD	20 01 38	1,465.96
MIXED PAPER WASTE	20 01 01	6,151.60
Total		22,101.84

Table 4.2.2 Tonnage of Waste Recovered 2012

Waste Type	EWC	Weight (Tonnes)
GAS CYLINDERS	15 01 04	3.10
HAZ WASTE	20 01 27	2,808.66
MIXED WEEE	20 01 36	186.74
WOOD	20 01 38	3,035.78
Total		6,034.28

Table 4.2.3 Tonnage of Waste Recovered – Solid Recoverable Fuel (SRF)

Waste Type	EWC	Weight (Tonnes)
S.R.F (SOLID RECOVERED FUEL)	19 12 10	27,052.02
Total		27,052.02

Table 4.2.4 Tonnage of Waste sent to Landfill (Cover/Capping)

Waste Type	EWC	Weight (Tonnes)
CRUSHED STONE	19 12 09	440.56
C&D FINES	19 12 09	31,931.70
RUBBLE	17 01 07	7,338.01
Total		39,710.27

Table 4.2.5	^T Onnage	of Waste	sent for	Incineration
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Waste Type	EWC	Weight (Tonnes)
MIXED C&D (PROCESSED)	19 12 12	104.56
MT RESIDUE	19 12 12	1,541.00
Total		1,645.56

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Table 4.2.6 Tonnage of Waste Disposed at Landfill

Waste Type	EWC	Weight (Tonnes)
BULKY WASTE	20 03 07	287.74
MIXED C&D (PROCESSED)	19 12 12	5,638.64
Total		5,926.38

Table 4.2.7 Tonnage of Waste sent for Composting

Waste Type	EWC	Weight (Tonnes)
GREEN BIODEGRAGABLE WASTE	20 02 01	4,615.52
WOOD	20 01 38	15.50
Total		4,631.02

Table 4.2.8 Tonnage of Hazardous Waste sent Abroad for Treatment 2012

Waste Type	EWC	Weight (Tonnes)
HAZ WASTE	20 01 27	109.84
PAINT MATERIAL	20 01 27	281.78
Total		391.62

5. OPERATIONAL PROCEDURES DEVELOPED IN 2012

5 Procedures Developed in 2012

5.1 Environmental Management System Procedures Log

In compliance with the conditions of licence no. W0208-01, and in order to achieve the objectives and targets set out in the Oxigen Ballymount Facility Environmental Management System, procedures were initially developed by Oxigen in 2006. These procedures were developed in order to improve the Environmental Management System (EMS) and to achieve ISO 14001 Standard Certification. The EMS was reviewed and amended in 2008 and in May 2009, Oxigen was independently assessed and certified to the ISO14001 Standard by Certification Europe.

In May 2012, a recertification audit was carried out at the facility by certification Europe to determine whether the system continues to meet the requirement of the ISO14001 standard. The system was audited with success and the EMS continues to hold the ISO14001 accreditation. As a part of the continual development of the Environmental Management system and in preparation for recertification, new procedures were developed and many changes were also made to structure of the EMS. The structure of the EMS was amended to allow the system to become more user friendly and to allow record-keeping to be more efficient.

Changes to the EMS included restructuring of the layout of the system, new operational control procedures, updating record and register formats and the creation of a new EMS handbook.

All the procedures and components of the EMS are available for inspection at the facility.

6. REVIEW OF NUISANCE CONTROLS

6. Review of Nuisance Controls

Eastern Pest Control (EPC) carried out the pest control at the facility in 2012. Daily and weekly inspections are carried out by the facility manager and the compliance officer on site, which highlight any nuisances on site, such as litter, pests, noise, flies, odour or dust. Should any such nuisances be recorded, then appropriate measures are undertaken. There are procedures in place to deal with any such nuisances at the facility.

In 2012, EPC visited the site 89 times to spray for flies, this was mainly in early spring and summer. Facility was not sprayed for flies at all in Jan and Dec due to cool weather conditions. In the months February, March October and November, the Ballymount facility was sprayed once per week and between April and September the facility was sprayed three times per week (Mon – Wed and Fri). Stock levels were kept as low as possible and the floor of the processing shed was cleared and cleaned regularly.

EPC visited the site on 12 occasions to monitor rodent activity onsite. Bait boxes were placed in strategic locations and were topped up as needed. Bait points were increased in 2012 in the Civic amenity site and in the mechanics shed. Nuisance control measures currently in place are found to be adequate.

EPC use a barcoding system at the Ballymount Site. All visits with regard to pest control are logged and signed off by use of a handheld device at time of site action. All visits to site will have a time and date stamp and a description of level of pest activity. The activity log can be accessed by Oxigen Environmental at any time and all records are available to the Agency upon request.

7 **RESOURCE CONSUMPTION SUMMARY**

7 Resource Consumption Summary

Oxigen Ballymount use gas oil, electricity and water in the operation of the facility. Waste processing operations on site do not require water. The main uses of water are for dust control, bin washing and truck washing.

Gasoil and electricity are the two forms of energy used on site. This energy is used to power machinery used in the processing of the waste and to illuminate the working area. Electricity is also used in the day to day staff activity for example lighting in common areas and water heating in canteen.

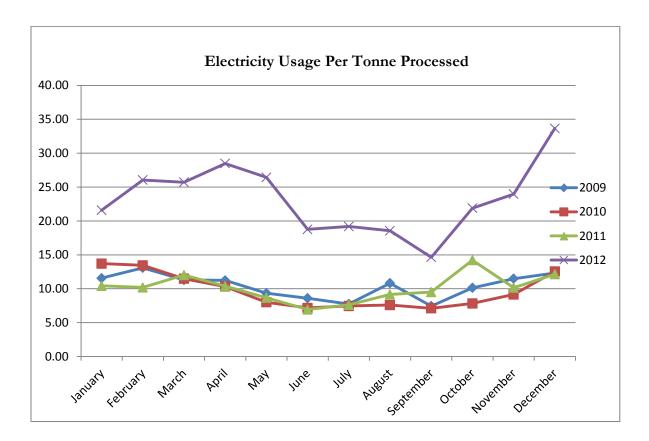
Table 7 Summary of resource consumption for the reporting period

Site Resource Usage Jan - Dec 2012	Quantity	Units
Gasoil	259,852	Litres
Electricity	2,414,782	kWh
Water	214,943	Litres

2012	kWh
January	23,6288
February	21,4761
March	22,9865
April	20,8423
May	17,7280
June	16,9709
July	18,7873
August	18,9016
September	18,3802
October	19,3130
November	21,4992
December	20,9643

Table 7.1 Summary of Electricity Usage for the Reporting Period

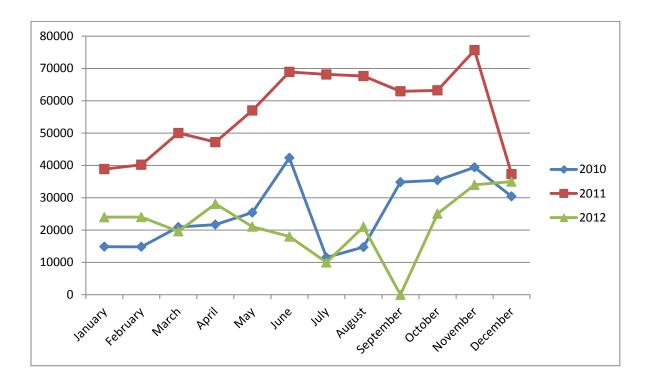
Figure 7.1 Graph of Electricity Usage Comparison 2011 and 2012



Month	Litres
January	23999
February	24034
March	19625
April	28101
May	21065
June	18000
July	9997
August	21000
September	0
October	25053
November	33998
December	34980

Table 7.2 Summary of Diesel usage (litres) for the reporting period

Figure 7.2 Graph of Diesel Usage Comparison 2010, 2011 and 2012



8 ENERGY EFFICIENCY AUDIT REPORT SUMMARY

8 Energy Efficiency Audit Report Summary

Change to Medium Voltage

Figure 7.1 shows the electricity usage from 2009 to 2012 per tonne processed. It can be seen that the usage in 2012 rose significantly from Jan 2012 onwards. Up until November 2011, two diesel generators were used on site to power the Construction and Demolition (C&D) line shredder and the Solid Recovered Fuel (SRF) plant. The generator powered the C&D shredder was a 500Kva generator and the SRF plant was powered with a 1200Kva generator. As the operation of these static machines relied on diesel throughout the years this resulted in the use of a significant amount of fuel per tonne processed. In April 2011, works commenced on a substation at the rear of the site, this involved in extensive upgrading a replacement of power cables on site. In November 2011, decommissioning phase of the diesel generators began and the substation was then commissioned bringing Medium Voltage power on site. The Diesel usage for static plant fell in December 2012 significantly as can be observed in Figure 7.2 and currently only the rolling plant on site are powered with diesel.

Oxigen Environmental are committed to reducing energy per tonne at the facility. The complete power needs of Oxigen Environmental is now served by fixed line infrastructure using 100% renewable sourced electricity, this has greatly reduced the carbon footprint of this site.

Lighting Upgrade

The lighting in the processing sheds were upgraded during 2012. The upgrade of the lighting consisted of replacement of existing lamp fitting with LED lamps to achieve a reduction in power consumption. The replacement of the existing lamps with LED's is thought to achieve a potential saving of at least 68%. The projected annual energy saving amounts to 329,167 kWh which is a 68% reduction. Using Irelands average emissions from electricity of 0.58 kgs of CO2 per kWh. This amount to a reduction in emissions from the facility amounts to 190.9 tons.

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9. COMPLAINTS SUMMARY

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9 Complaints summary

All the issues relating to the complaints summarised below were rectified and closed out. The detailed complaints record is available for inspection at the facility.

Number	Date	Communication Method	Issue
1	28/02/2012	Fax from EPA	Odour
2	12/03/2012	Telephone call from EPA	Flies
3	22/03/2012	Telephone call from EPA	Odour
4	19/04/2012	Email Direct from Complainant	Odour
5	19/04/2012	Email Direct from Complainant	Odour
6	07/05/2012	Email Direct from Complainant	Door on site open
7	28/05/2012	Email Direct from Complainant	Flies
8	20/06/2012	Email Direct from Complainant	Odour
9	17/06/2012	Email Direct from Complainant	Odour

10 REPORTED INCIDENTS SUMMARY

10 Reported Incidents Summary

There were two environmental incidents reported to the EPA during 2012. Both incidents were related to fires at the facility.

The first incident took place on May 20th 2012. Waste in the processing shed caught fire and resulted in damage to a baler, internal panels and some electrical cabling. Waste was removed from the shed to reduce risk of fire spreading and all waste was disposed of in accordance with the licence requirements. Fire water was retained onsite and disposed of offsite in accordance with the requests of South Dublin Co Co. The second incident took place on 13th Oct 2012. Waste in the processing shed caught fire and waste again was brought outside the processing shed to cool down and to stop fire from spreading. There was no damage to shed in this incident.

Both incidents were reported to the EPA and South Dublin Co Co immediately.

11. SCHEDULE OF ENVIRONMENTAL OBJECTIVES & TARGETS

11. Schedule of Environmental Objectives & Targets

Oxigen Environmental began operating under Licence W0208-01 in July 2006. A schedule of environmental objectives & targets were submitted to the Agency under condition 2.2.2. (See Environmental Management Programme) as part of the facility's overall Environmental Management System. These objectives and targets have been reviewed as part of the Facility AER for 2012 and updated for 2013.

11.1.0 Purpose

Under condition 2.2.2.2 of Waste License W0208-01, Oxigen Environmental Ltd. are required to propose a schedule of Objectives and Targets to ensure that the process of continual improvement of the facility's environmental performance is formalised and clearly set out. This schedule shall address a five-year period as a minimum.

The Objectives and Targets are set taking into account the significant environmental aspects and will be reviewed continually according to the Methodology for Review of Objectives and Targets to assess the compliance of the company with them. Upon review, new Objectives and Targets will be set and any modifications to those previously set will be made.

Objectives and Targets are set within the timescale of one year. Appropriate time-scales within the year are applied to each target.

The Schedules of Objectives and Targets over a five year period are displayed below.

Objective	Description	Target
1	Reduction of tonnage to landfill to 18% from 20% in 2008	1.1 Commission new C&D plant.
		1.2 Install wind shifter.
2	Training	2.1 W.A.M.I.T.A.B
		2.2 On site training in use of spill kits.
		2.3 Continued environmental training as per training schedule and individual training programs as per new Environmental Training Procedure
3	Site Upgrade	3.1 Assess and upgrade concrete hardstand – schedule for submission to EPA
		3.2 Screen site.
		3.3 Signage on site
4	Site Security Programme	4.1 Install CCTV
		4.2 Upgrade site fencing
5	New Pest Control System	5.1 Install 3 probes in Dry recycling shed for controlled application of insecticides over in feed and loading bags.

Table 11.1 Summary of Objectives and Targets for W0208-01, 2009

Objective	Description	Target
1	Training	1.1 Update Training Schedule
2	Site Upgrade	2.1 Screen Site
3	Energy Use Reduction	3.1 Identify potential reductions from SEI Report
		3.2 Implement changes
4	Provision of CA Site	4.1 Obtain Planning to follow EPA approval
		4.2 Construct
5	Upgrade Office Recycling System	5.1 Identify requirements & source equipment
		5.2 Implement system and awareness program
6	Integrate Hazardous Waste Procedures	6.1 Produce draft Hazardous Waste Procedures
	into EMS	6.1 Implement and number as part of overall ISO14001 system

Table 11.2 Summary of Objectives and Targets for W0208-01, 2010

Objective	Description	Target
1	Reduce risk of Surface Water Pollution on Site	1.1 Install protective barrier at diesel tank.1.2 Set up large static spill kit at diesel tank.
		1.3 Divert surface water drainage from under processing shed and install drainage system at wood bay that will prevent blockages occurring.
		1.4 Carry out extensive drain survey
2	Pest Control	2.1 Flies. Look into redesigning MRF to increase capacity to process dry recyclables more quickly. Increase to 28 tonnes per hour from 14.
		2.2 Rodents. Introduce enhanced pest control monitoring service to include bar coding of all bait points and electronic reporting to aid internal monitoring of pest activity and establish on-site trends if any.
3	Reduce Water Usage	3.1 Investigate feasibility of harvesting rain water from processing shed roofs for use on site.
4	Dust Control	4.1 Install sprinkler systems at corner of processing sheds to damp down site roadways in dry weather.
5	Reduce waste produced and tonnage of waste to landfill	5.1 Divert all suitable residue to SRF Plant5.2 Upgrade Dry Recycling plant to reducequantity of residue produced by 5%.
		5.3 Introduce tyre pressure and maintenance programme to increase life of tyres and reduce the quantity of waste tyres produced.
6	Reduce Diesel Consumption	6.1 Increase Maximum Import Capacity- switch to medium voltage and remove diesel generators.
		6.2 Reduce road diesel consumption by 5% by managing tyre pressure in waste collection vehicles.

Table 11.3 Summary of Objectives and Targets for W0208-01, 2011

Objective	Description	Target
1	Seal processing building to reduce risk of fugitive dust and odours in the surrounding area	 1.1 Source and install new doors for Dry Recycling Building 1.2 Design and source materials for new wall to be erected at D4 1.3 Construct new wall at D4 1.4 Source and install new doors for C&D shed
2	Reduce Carbon Footprint	2.1 Carry out a lighting audit to reduce the energy usage from lighting in processing shed.
3	Reduce risk of discharge to water	 3.1 Source and install a Composite Sampler on site to increase accuracy of water monitoring 3.2 Inspection of the existing hardstand within and around the processing building
4	Reduce risk of local nuisance in the surrounding area.	 3.3 Works program established to remediate any issues with concrete hardstand 4.1 Review Fly fogging at the facility, investigate alternative pesticide/review frequency
		4.2 Increase load inspection at facility by employing a banksman to ensure that no putrescible waste enters facility giving rise to fly or odour nuisance.
		 4.3 Carry out audit on building fabric around offices within the Processing shed and seal as necessary to reduce fly nuisance in staff canteen and surrounding area. 4.4 Carry out site works to site boundary and remove all unused vehicles to improve the aesthetics
5	Increase Recycling/recovery rates	 5.1 Research and investigate increasing recycling rates at the facility. 5.2 Increase Quality Control on processing lines to increase segregation of materials and reduce level of contaminants to recover hard core.

Table 11.4 Summary of Objectives and Targets for W0208-01, 2012

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Table 11.5 Summary of Objectives and Targets for W0208-01, 2013

Objective	Description	Target
1	Seal processing building to reduce risk of fugitive dust and odours in the surrounding area	1.1 Install new Door at D4 and complete building of wall adjacent
2	Reduce Fuel Consumption	2.1 To implement new forklifts onsite to reduce fuel consumption
3	Reduce risk of discharge to	3.2 Inspection of the existing hardstand within and around the processing building
3	water	3.3 Works program established to remediate any issues with concrete hardstand
4	Reduce risk of local nuisance in the surrounding area.	4.1 Carry out landscaping around the perimeter of the site to screen facility to improve aesthetics4.2 To install a weather station at the Ballymount site to work to aid in investigating odours and verify any odour complaints that may occur.
5	Increase Recycling/recovery rates	5.1 To introduce a production report on site to assess weekly the production on the C&I and Dry Recyclable line.
	Increase Environmental Performance on Site	5.1 Research and identify training needs of Key members of staff
6		5.2 . Bespoke training to be carried out with key members of staff to increase environmental awareness on site. All training to be approved by the EPA and in compliance with licence requirements
		5.3 Environmental Education of our customer base and increase awareness with regard to recovery.

12. Environmental Management Programme

12. Environmental Management Programme

12.1- Report for previous year.

A summary report on the EMP set out for 2012 is outlined below.

Objectives and Targets Schedule for 2012

Description	Description Target	
	1.1 Source and install new doors for Dry Recycling Building	Complete
Seal processing building	1.2 Design and source materials for new wall to be erected at D4	Complete
to reduce risk of fugitive dust and odours in the surrounding area	1.3 Construct new wall at D4	On-going
	1.4 Source and install new doors for C&D shed	On-going
Reduce Carbon Footprint	2.1 Carry out a lighting audit to reduce the energy usage from lighting in processing shed.	Complete
	3.1 Source and install a Composite Sampler on site to increase accuracy of water monitoring	On-going
Reduce risk of discharge to water	3.2 Inspection of the existing hardstand within and around the processing building	Complete
	3.3 Works program established to remediate any issues with concrete hardstand	Complete
Reduce risk of local nuisance in the surrounding area.	4.1 Review Fly fogging at the facility, investigate alternative pesticide/review frequency	Complete
	4.2 Increase load inspection at facility by employing a banksman to ensure that no putrescible waste enters facility	Complete

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	giving rise to fly or odour nuisance.	
	4.3 Carry out audit on building fabric around offices within the Processing shed and seal as necessary to reduce fly nuisance in staff canteen and surrounding area.	Complete
	4.4 Carry out site works to site boundary and remove all unused vehicles to improve the aesthetics	On-going
Increase Describes (response rates	5.1 Research and investigate increasing recycling rates at the facility.	On-going
Recycling/recovery rates	5.2 Increase Quality Control on processing lines to increase segregation of materials and reduce level of contaminants to recover hard core.	Complete

OBJECTIVE 1: Seal processing building to reduce risk of fugitive dust and odours in the surrounding area

Floject Summary	Project	Summary
-----------------	---------	---------

1.1 Source and install new doors for Dry Recycling Building COMPLETE

1.2 Design and source materials for new wall to be erected at D4 COMPLETE

1.3 Construct new wall at D4 ONGOING

1.4 Source and install new doors for C&D shed **ONGOING**

Designation of Responsibility: Operations Team

Progress Report

New rapid shutter doors were installed at the dry recycling building. Wall at D4 erected however door at D4 not constructed at development plans for the facility were altered. The development works at the facility will be altered pending License review.

OBJECTIVE 2: Reduce Carbon Footprint

Project Summary

2.1 Carry out a lighting audit to reduce the energy usage from lighting in processing shed. COMPLETE

Designation of Responsibility: Operations Team

Progress Report

The lighting in the processing sheds were upgraded during 2012. The upgrade of the lighting consisted of replacement of existing lamp fitting with LED lamps to achieve a reduction in power consumption. The replacement of the existing lamps with LED's is thought to achieve a potential saving of at least 68%. The projected annual energy saving amounts to 329,167 kWh which is a 68% reduction. Using Irelands average emissions from electricity of 0.58 kgs of CO2 per kWh. This amount to a reduction in emissions from the facility amounts to 190.9 tons.

OBJECTIVE 3 : Reduce risk of discharge to water

Project Summary

3.1 Source and install a Composite Sampler on site to increase accuracy of water monitoring N/A

3.2 Inspection of the existing hardstand within and around the processing building COMPLETE

3.3 Works program established to remediate any issues with concrete hardstand **COMPLETE**

Designation of Responsibility: Environmental Compliance Officer & Operations Team

Progress Report

The composite sampler was not installed at the facility as the sampling techniques used currently were thought to be sufficient and the installation it is not a requirement of the license. On this occasion, this installation was not carried out. The installation of the composite sample may take place should current techniques prove to be insufficient.

The hardstand around the facility was inspected by the engineering and maintenance team,

A works program was established in March 2012 and works were strategically carried out duing the year. Periodic hardstand audit will take place over the next year to enure that all hardstand at the facility is non-permeable and in good condition.

OBJECTIVE 4: Reduce risk of local nuisance in the surrounding area.

Project Summary

4.1 Review Fly fogging at the facility, investigate alternative pesticide/review frequency COMPLETE

4.2 Increase load inspection at facility by employing a banksman to ensure that no putrescible waste enters facility giving rise to fly or odour nuisance. **COMPLETE**

4.3 Carry out audit on building fabric around offices within the Processing shed and seal as necessary to reduce fly nuisance in staff canteen and surrounding area. **COMPLETE**

4.4 Carry out site works to site boundary and remove all unused vehicles to improve the aesthetics ONGOING

Designation of Responsibility: Environmental Compliance Officer & Operations Team

Progress Report

Pest control at the facility was reviewed by the environmental compliance officer and operations manager. The current type of fly control employed by the pest contractor is a liquid spray system in which the operative fogs the building, internal walls and waste with a fogger. Two chemicals are mixed for maximum effectiveness. Facility is sprayed once per week and also upon request in the months of Feb, March, October and December and sprayed three times per week between April and September. Trial took place in May 2012 for new fogging system. The effectiveness was assess over a period of a week. It was found that the currently system proved more effective in the control, of flies onsite.

A full time banksman was employed in 2012 at the waste acceptance area. The banksman ensures that correct waste types are being accepted into the facility and minimise the risk of putrescible waste into the facility.

Building maintenance works were carried during the year to ensure that building was sealed at the canteen area.

A works plan was created out in relation to the removal redundant vehicles and old equipment. A significant amount of old vehicles and equipment was removed from the site during 2012. Additional vehicles are being removed from the fleet on a monthly basis as part of a fleet upgrade and vehicles are being removed gradually.

OBJECTIVE 5: Increase Recycling/recovery rates

Project Summary

- **5.1** Research and investigate increasing recycling rates at the facility. **COMPLETE**
- 5.2 Increase Quality Control on processing lines to increase segregation of materials and reduce level of

Oxigen Environmental Ltd., Merrywell Industrial Estate, Ballymount, Dublin 22

contaminants to recover hard core. COMPLETE

Designation of Responsibility: Environmental Compliance Officer & Operations Team

Progress Report

Increase training of operatives on the Dry Mixed Recycling line along with increased quality control have resulted in improvement in recycling/recovery rates. The Repak rates for the material have show an significant improvement in quality when compared to the 2011 figures.

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Waste Licence Register No. W0208-01

2012 Annual Environmental Report, March 2013

12.2– Proposal for Current Year.

Table 12.2 1 Summary of Objectives and Targets for W0208-01, 2013

Objective	Description	Aspect	Target	Person Responsible	Target Completion Date
1	Seal processing building to reduce risk of fugitive dust and odours in the surrounding area	Odour & Dust	1.1 Install new Door at D4 and complete building of wall adjacent	Eng/Development Team	01/02/2013
2	Reduce Fuel Consumption	Natural Resources	2.1 To implement new forklifts onsite to reduce fuel consumption	Operations Manger	01/06/2013
		Discharge to	3.2 Inspection of the existing hardstand within and around the processing building	Operations Manager	01/06/2013
3 Reduce risk of discharge to water	water	3.3 Works program established to remediate any issues with concrete hardstand	Eng/Development Team/Operations manager	01/06/2013	
			4.1 Carry out landscaping around the perimeter of the site to screen facility to improve aesthetics	Eng/Development Team	01/05/2013
4 Reduce risk of local nuisance in the surrounding area.	Local nuisance	4.2 To install a weather station at the Ballymount site to work to aid in investigating odours and verify any odour complaints that may occur.	Operations Manger	01/05/2013	
5	Increase Recycling/recovery rates	Releases to Land/Natural Resources	5.1 To introduce a production report on site to assess weekly the production on the C&I and Dry Recyclable line.	Facility Manager/Operations Director	01/02/2013
6	Increase Environmental Performance on Site	General Environmental	5.1 Research and identify training needs of Key members of staff	Senior Management / Environmental	01/05/2013

Waste Licence Register No. W0208-01	2012	Annual Environmental Report, March 2013		
	Performance	5.2 . Bespoke training to be carried out with key member of staff to increase environmental awareness on site. All training to be approved by the EPA and in compliance with licence requirements	Compliance Officer	
		5.3 Environmental Education of our customer base and increase awareness with regard to recovery.		

13. DEVELOPMENT WORKS

13.1 Development Works 2012

13.1.1 Medium Voltage

In 2011, Oxigen Environmental, due to rapid expansion of the processing line Oxigen Environmental were generating additional power needs by the use of diesel generator. The decision was made to bring Medium Voltage power on site. The Medium Voltage Connect project began in April 2011 and was completed in Dec 2011. The implementation of medium voltage has allowed the diesel powered generator to be removed thus reducing the diesel costs onsite. The complete power needs of Oxigen Environmental is now served by fixed line infrastructure using 100% renewable sourced electricity, this has greatly reduced the carbon footprint of this site.

The reduction in electricity consumption onsite is evident from the Energy section (Part 7) of this document.

13.2 Development Works 2013

A SEW for the installation of a plastics shredding line to complement the existing commercial, industrial and construction and demolition processing lines was submitted to the Agency in Jan 2013. Permission was granted by the Agency under Condition 1.5 of Waste Licence W0208-01 for alterations to site activity due to a material change in the range of processes to be carried out. This new shredding system will allow Oxigen Environmental to produce a granulated material which is sold back to manufacturers/Irish & European Moulding industries for re-use. It is estimated that approximately 2 tonne of material will be produced per hour.

There are currently no other Specified Engineering Works applied for in 2013.

Any proposed development of the facility will be submitted in writing to the Agency during the course of the year as required.

14. FINANCIAL PROVISION

14. Financial Provision

An Environmental Liabilities Risk Assessment was forwarded to the Agency in March 2003. Details of costs for the Financial Provision for Closure, Restoration and Aftercare were included as part of this report.

At present Oxigen Environmental have sufficient turnover and company assets to offset environmental liabilities in the event that they may be incurred during the course of the Facility Operations or in the event that the facility is closed. This will include the covering of costs associated with abatement installation, control & monitoring; closure & remediation of the site; clean-up following a plausible accident/incident and/or long-term aftercare for residual environmental liabilities. Oxigen Environmental has Pollution Cover of up to €13M with Brit Insurance, Policy No: A2602620/35136

15. TANK, DRUM, PIPELINE AND BUND INSPECTION REPORT

15. Tank, Drum, Pipeline and Bund Inspection Report

Portable bunds are maintained on site for the storage of hydraulic oil, engine oil, waste oil, diesel, coolants and waste chemicals. These bunds have all been certified for integrity by the suppliers for a period of 3 years from the date of purchase. A copy of these certificates are held on file and available for inspection.

All bunds with outdated certificates were tested on site as per EMS Procedure 'OXEP 03 Procedure for Testing of Bunded Areas'. All tests were recorded on EMS Log Sheet 'OXEP106 Testing of Bunded Area Log Sheet'. These log sheets are kept on file along with original certificates.

16. PROGRAMME FOR PUBLIC INFORMATION

16. Programme for Public Information

A program for public information is in place at the facility. During the reporting period there were no requests from the public to inspect any of the records and files listed in the submission.

The lists of documents available for inspection in the Communication Folder are as follows:

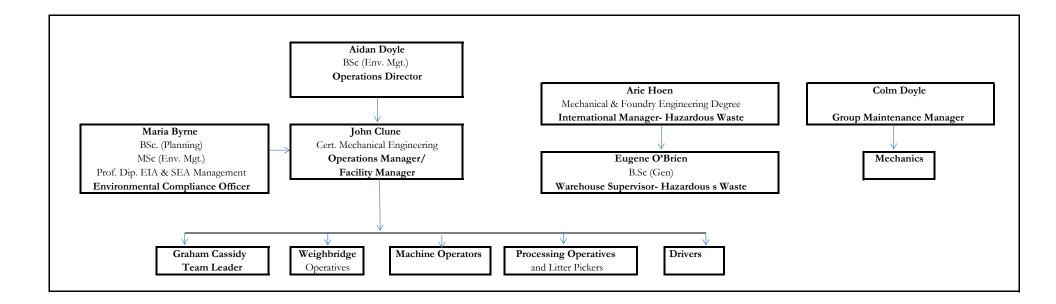
- Waste Licence W0208-01
- Environmental Policy
- Unacceptable Waste List
- Pest/Vermin Control Records
- Waste Licences/Permits of Facilities
- Environmental Monitoring Results for the current year
- Complaints Register

Members of the public who wish to inspect these files may do so at any reasonable time by making an appointment either with the Facility Manager or Compliance Officer at the telephone number posted on the main facility entrance sign erected in accordance with Condition 2.2.2.7.

MANAGEMENT STRUCTURE

W0208-01

17. Management and Staffing Structure at the Facility



18. CLOSURE AND DECOMMISSIONING MANAGEMENT PLAN

18. Closure and Decommissioning Management Plan

The Residuals Management Plan was submitted with the previous AER for the 2009 reporting period. No changes were made to the plan in 2012.



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Guidance to completing the PRTR workbook

AER Returns Workbook

rsion 1.1.16

1. FACILITY IDENTIFICATION			
Parent Company Name	Oxigen Environmental Limited		
Facility Name	Oxigen Environmental Limited		
PRTR Identification Number	W0208		
Licence Number	W0208-01		

Waste or IPPC Classes of Activity

REFERENCE YEAR 2012

	class_name
4.4	Recycling or reclamation of other inorganic materials.
	Blending or mixture prior to submission to any activity referred to in a preceding paragraph of this
3.11	Schedule.
3.12	Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule.
	Storage prior to submission to any activity referred to in a preceding paragraph of this Schedule, other
3.13	than temporary storage, pending collection, on the premises where the waste concerned is produced.
	Physico-chemical treatment not referred to elsewhere in this Schedule (including evaporation, drying and
	calcination) which results in final compounds or mixtures which are disposed of by means of any activity
	referred to in paragraphs 1. to 10. of this Schedule.
4.11	Use of waste obtained from any activity referred to in a preceding paragraph of this Schedule.
4.40	Furthermore of which for extensions to environment of the referred to be a needed to be a second of this Cohe dula
4.12	Exchange of waste for submission to any activity referred to in a preceding paragraph of this Schedule.
	Storage of waste intended for submission to any activity referred to in a preceding paragraph of this
4.40	Schedule, other than temporary storage, pending collection, on the premises where such waste is produced.
4.13	Produced. Recycling or reclamation of organic substances which are not used as solvents (including composting and
4.0	other biological transformation processes).
	Recycling or reclamation of metals and metal compounds.
	Merrywell Industrial Estate
	Ballymount Road Lower
	Clondalkin
Address 4	
	Dublin
Country	
Coordinates of Location	-6.35743 53.3149
River Basin District	IEEA
NACE Code	3832
Main Economic Activity	Recovery of sorted materials
AER Returns Contact Name	
AER Returns Contact Email Address	
	Environmental Complinace Officer
AER Returns Contact Telephone Number	01 4263129
AER Returns Contact Mobile Phone Number	
AER Returns Contact Fax Number	
Production Volume	0.0
Production Volume Units	
Number of Installations	0
Number of Operating Hours in Year	0
Number of Employees	180
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. WASTE IMPORTED/ACCEPTED ONTO SITE	Guidance on waste imported/accepted onto site

4. WASTE IMPORTED/ACCEPTED ONTO SITE	Guid
Do you import/accept waste onto your site for on-	

site treatment (either recovery or disposal activities) ?

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

4.1 RELEASES TO AIR

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

SECTION A. SECTOR SPECIFIC PRINT POLE	UTAN'S								
	RELEASES TO AIR				Please enter all quantities	s in this section in KG	8		
	POLLUTANT		1	METHOD			QUAN	TITY	
				Method Used					
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Acc	cidental) KG/Year	F (Fugitive) KG/Y
					0.	0	0.0	0.0	

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

Link to previous years emissions data

SECTION B : REMAINING PRTR POLLUTANTS

	RELEASES TO AIR				Please enter all quantities	in this section in KGs		
	POLLUTANT			METHOD			QUANTITY	
				Method Used				
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Ye
					0.0		0.0 0.	0
	* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button							

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

SECTION C. REMAINING FO	LEUTANT EMISSION	(As required in your Licence)										
		RELEASES TO AIR				Please enter all quantities i	n this section in KGs					
		POLLUTANT		MET	THOD					QUANTITY		
				Ν	Nethod Used							
										A (Accidental)	F (Fugitive)	
Pollutant No.		Name	M/C/E	Method Code	Designation or Description	Emission Point 1	Emission Point 2	Emission Point 3	T (Total) KG/Year	KG/Year	KG/Year	
210	Dus	t	М	ALT		1257.0	783.0	554.0	2594.0) 0.	0	0.0
	* Sele	ect a row by double-clicking on the Pollutant Name (Column B) then click the delete button										

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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: Please enter summary data on the Oxigen Environmental Limited quantities of methane flared and / or utilised Method Used Designation or Facility Total Capacity m3 T (Total) kg/Year M/C/F Method Code Description per hour Total estimated methane generation (as per N/A site model) 0 Methane flared (Total Flaring Capacity) 0. Methane utilised in engine/s (Total Utilising Capacity) 0.0 0 Net methane emission (as reported in Section A above) N/A 0.

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4.2 RELEASES TO WATERS

Link to previous years emissions data

| PRTR# : W0208 | Facility Name : Oxigen Environmental Limited | Filename : PRTR_W0208_2012.xls | Return Year : 2012 |

SECTION A : SECTOR SPECIFIC PRTR POL	LUTANTS	Data on an	nbient monitoring o	f storm/surface water or groundwa	ter, conducted as part of your	licence requirements, sh	ould NOT be submitted under Al
	RELEASES TO WATERS				Please enter all quantiti	ies in this section in	KGs
	POLLUTANT						QUANTITY
				Method Used			
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Yea	A (Accidental) KG/Year
76	Total organic carbon (TOC) (as total C or COD/3)	М	ALT			0.0 0.	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION B : REMAINING PRTR POLLUTANTS

	RELEASES TO WATERS				Please enter all quanti	ties in	n this section in K	Gs	
	POLLUTANT							QUANTITY	
				Method Used					
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	Т	T (Total) KG/Year	A (Accidental) KG/Y	/ear F
						0.0	0.0		0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

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

		RELEASES TO WATERS				Please enter all quantities	in this section in k	(Gs			
		POLLUTANT								QUANTI	Υ
					Method Used						
										A	
										(Accident	F
										al)	(Fugitive)
	Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	Emission Point 2	Emission Point 3	T (Total) KG/Yea	r KG/Year	KG/Year
3)6	COD	М	ALT	Alpha-5220-D	1065.65	0.0	0	0 106	5.65 0.	0.0
3	03	BOD	М	ALT	Alpha-5210-B	160.25	0.0	0.	0 16	0.25 0.	0.0
2	10	Suspended Solids	М	ALT	Alpha-5540-B	1650.56	0.0	0	0 165	0.56 0.	0.0
3	24	Mineral oils	М	ALT	GC-FID	0.0	0.0	0	0	0.0 0.	0.0
2	38	Ammonia (as N)	М	ALT	Alpha-4500-NH3-D	30.61	0.0	0	0 3	0.61 0.	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

AER / PRTR Reporting as this only concerns Releases from your facility



4.3 RELEASES TO WASTEWATER OR SEWER

Link to previous years emissions data

| PRTR# : W0208 | Facility Name : Oxigen Environmental Limited | Filename : PRTR_W0208_2012.x 26/07/2013 17:51

SECTION A : PRTR POLLUTANTS

0	OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATM	MENT OR S	SEWER		Please enter all quantities	in this section in KGs	
	POLLUTANT		ME	ETHOD			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/Yea
76	Total organic carbon (TOC) (as total C or COD/3)	М	ALT	Alpha-5220-D	282.69	282.69	
20	Copper and compounds (as Cu)	М	ALT	Alpha-3120-B	0.1	0.1	
24	Zinc and compounds (as Zn)	М	ALT	Alpha-2120-B	0.09	0.09	

* 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)

C	OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATI	MENT OR	SEWER		Please enter all quantities i	n this section in KGs	
	POLLUTANT		N	IETHOD			QUANTITY
				Method Used			
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Ye
303	BOD	М	ALT	Alpha-5210-B	467.29	467.29	Ĩ
306	COD	М	ALT	Alpha-5220-D	848.09	848.09	1
240	Suspended Solids	М	ALT	Alpha-2540-B	368.15	368.15	1
343	Sulphate	М	ALT	Alpha-4110-B	108.01	108.01	
314	Fats, Oils and Greases	М	ALT	Alpha-5520-B	25.35	25.35	1
324	Mineral oils	М	ALT	GC-FID	0.0	0.0	1
308	Detergents (as MBAS)	М	ALT	Alpha-5540-C	0.07	0.07	

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

ear	F (Fugitive) KG/Year
0.0	0.0
0.0	0.0
0.0	0.0

ear	F (Fugitive) KG/Year
0.0	0.0
0.0	0.0
0.0	0.0
0.0	0.0
0.0	0.0
0.0	0.0
0.0	0.0

4.4 RELEASES TO LAND

Link to previous years emissions data

| PRTR# : W0208 | Facility Name : Oxigen Environmental Limited | Filename : PRTR_W0208_2012.xls | Return Year : 2012 |

SECTION A : PRTR POLLUTANTS

	RELEASES TO LAND				Please enter all quantities	s	
PO	LLUTANT		METHO	D			QUANTITY
			Meth	nod Used			
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year
					0.0	0	0.0 0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

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

	Please enter all quantities in this section in KGs							Gs				
PO	LLUTANT				М	IETHOI)				QL	UANTITY
					Method Used							
Pollutant No.	Name			M/C/E	Method Code		Designation or Description	Emission Point 1	Τ (Total) KG/Year	Α ((Accidental) KG/Year
									0.0		0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

No.	5. ONSITE TREAT	MENT & OFFSITE TRA	NSFERS OF	WASTE	(PRTR#: W0000 Facily Name : Oxigen Environmental all quantifies on this sheet in Tonnes	Linited Filenam	: PRTR_V	(0208_2012.sts Return Yes	r : 2012				26/07/2013 17:51 70
b b b <th< th=""><th></th><th></th><th></th><th>Quantity</th><th></th><th></th><th></th><th></th><th></th><th>Haz Warrs : Name and Licence/Permit No of Next Destination</th><th>Her Wante - Address of Next</th><th>Name and License / Permit No. and</th><th></th></th<>				Quantity						Haz Warrs : Name and Licence/Permit No of Next Destination	Her Wante - Address of Next	Name and License / Permit No. and	
Determ Determ Determ Determ Determ Determ Det				(Tonnes per Year)		Wanta		Method Used		Facility Non Haz Waster Name and Licence/Permit No-of Recover/Disposer	Destination Facility Non-Hoz Waster Address of Recover/Disposer	Address of Final Recovery / Disposer (HR2NRDOUS WAGTE ONLY)	Actual Address of Final Destination Le. Final Recovery / Disposal Site (H42HRDOLS WASTS ONLY)
	Transfer Destination	European Waste Code	Hazardous		Description of Waste	Treatment Operation	MC/E	Method Used	Location of Treatment				
Name	To Other Countries	17 05 03	Yes	17.24	soil and stones containing dangerous substances	Da	м	Weighed	Abroad	ATM BV.n/a	Visaweg 12,NL-4782 PW Moerdidik . Netherlands	ATM BV, 1538449, Visioneg 12 Moerdik Netherlanda	Viasweg 12 Moerdiik Natherlands
Norm No	To Other Countries	15 01 01	No	2961.76	nanar and nantheant earkanine	83	м	Weinhart	Ahmad	North Wast Fibras nis			
Norm No						83	м	Weinhert	Offsite in Instand	Irish Packaging Recycling T/A Panda Waste, WPR021- 02	Ballymount Road,Walkinstown,Dublin 12. Isaland		
Nation Nation Nation Nation Nation Nation Nation Nation Nation Nation Nati										Peute Papier Recycling BV.n/a	Baenhoekweg 4,3313 LA Dordreacht Netherlands		
											Business Park,Dundrod Road Caumin 8729		
Name											4SR.United Kinodom Killycard Industrial Estate.Bree.Castleblarnev.C		
Name	Within the Country	15 01 02	No	228.74	olastic packating	R3	м	Weiched	Offsite in Ineland	The Shabra Group nia	o Monachan Ineland Howarth Metals, 22 Rondin Road Antarick Marchanter		
	To Other Countries	15 01 04	No	13.34	metallic packazing	R4	м	Weiched			M12 6BF United Kinodom Bollamey,The		
	Within the Country	15 01 04	No	181.84	metallic osckazing	R4	м	Weiched			Murrough, Wicklow, Co. Wicklow.Instand 41 Cookstown Industrial		
	Within the Country	15 01 04	No	28.3	matallie naekonion	84	м	Wainhart	Offsite in Instand	Midlands Scrap Menuix W175_11	Estate,Tallaght,Dublin 24. Instand Fifth Floor 1		
	Within the Country	15.01.05	No	23.44	mmosile narkonim	83	м	Weinhert	Offsite in Instand	Tama Pak Isaland nia	Tuamsgate,Balgard Square East,Tallaght,Dublin 24 Instant		
Norm											Unit 4 Obscomburg Industrial		
NateNat	Within the Country	15 01 07	No			R5	м	Weiched	Offsite in Ineland	Glassco.WPN247/2006			
NateNat	Within the Country	15 01 11	Yes	3.1	metallic packaging containing a dangerous solid porous matrix (for example asbestos), including empty pressure containers	R4	м	Weighed	Offsite in Ineland	Calor Gas WPR	Long Mile Hoad, Dublin 12, Dublin 12, Dublin 12 Ineliand	Calor Gas,nia,Whitegate,Middleton Co Cork Ineland	Whitegate,Middleton,Co. Cork Ireland
NameNa	Within the Country	16 01 03	No			R5	м		Offsite in Ireland	Crumb Rubber Ireland Ltd:WP2007/01	Ik Co Louth Ineland		
Name	Within the Country	17 02 03	No	108.06	nisatio	83	м	Wainhart	Offsite in Instand	Retech Processing	Road,Cootshill,Co Caran Indiane		
Name	To Other Countries	17 05 03	Yes	1094.88	soil and stores containing dangerous substances	D1	м	Weighed	Abroad	Richard Buhck GmbH n/a	Kapperberg,0E- 21502,Weirshop,Germany,G ermany	Richard Buhck GmbH,A53500502,Rappenb erg DE 21502 Germanv	Rappenberg,DE 21502 Germany
Name			Yes	20.6	insidation materials containing ashastes	01	м		Ahmad	Richard Robels Centrel ala	Rapperberg,DE- 21502,Weirshop,Germany,G	Richard Buhck GmbH,A53500502,Rappenb em DE 21502 Germany	Rappenberg,DE 21502 Garmany
Note					construction materials containing asbestos						Rappenberg,DE- 21502,Weirshop,Germany,G	ATM BV, 1538449, Visaweg	Viasweg
A B A B A B A B A B A B A B A B A B A B										Padnieg Thomton Waste Disposal T/A Thomtons	emanv Kileen Road, Dublin	12 Moerdik Netherlands	12 MoerdikNetherlands
Result Result </td <td></td> <td>12 Ineland Bollamey,The Murrough,Wicklew Co.</td> <td></td> <td></td>											12 Ineland Bollamey,The Murrough,Wicklew Co.		
Mathem Note	Within the Country	19 12 02	No				м	Weiched	Offsite in Ireland		Lough Hill Shad Kilesonh Ca		
Name	Within the Country	19 12 07	No	15.5	wood other than that mentioned in 19 12 06	R3	м	Weiched	Offsite in Ireland	Lad.WMP2004/57	Meath WMP200457.Ireland Cashel Road Recycling		
Norm Norm </td <td>Within the Country</td> <td>19 12 07</td> <td>No</td> <td>18.34</td> <td>wood other than that mentioned in 12 12 06</td> <td>R3</td> <td>м</td> <td>Weighed</td> <td>Offsite in Instand</td> <td>Clonmel Waste Disposal WP008-02</td> <td>Centre,Lawless Road,Clonmel ,Co Ticcerary Ireland</td> <td></td> <td></td>	Within the Country	19 12 07	No	18.34	wood other than that mentioned in 12 12 06	R3	м	Weighed	Offsite in Instand	Clonmel Waste Disposal WP008-02	Centre,Lawless Road,Clonmel ,Co Ticcerary Ireland		
Norme									Officia i finite	Padraig ThomtonWaste Disposal Ltd T/A Thomtons Recention WB			
Norma													
Norm								Weiched	Offsite in Ireland		Carbury Co Kildare Ireland		
Norm									Abroad		3854 Bronceni Latvia Latvia Platin Drogheda, Co		
Normal Problem Normal										Padraig Thomton Waste Disposal T/A Thomtons	Kileen Road, Dublin		
Norma					other wastes (including mixtures of materials) from mechanical treatment of		м		Offsite in Ineland			ATM BV.1538449. Visowed	Viacenco
Marka of Marka	To Other Countries	19 12 11	Yes	20.74	waste containing dangerous substances other wastes (including mixtures of materials) from excluding discussed of	R1	м	Weighed	Abroad		PW.MoerdidikNetherlands	12 Moerdik Netherlanda	12 Moerdik Netherlands
Norm	Within the Country	19 12 12	No	44.04	vasities other than those mentioned in 19 12 11	R5	м	Weighed	Offsite in Ineland	Drehid Waste Management Facility:W0203-03	Carbury.Co KildareIreland		
No. No. </td <td>To Other Countries</td> <td>20 01 01</td> <td>No</td> <td>4026.72</td> <td>paper and cardboard</td> <td>R3</td> <td>м</td> <td>Weighed</td> <td>Abroad</td> <td>Asia Globa: Trade nia</td> <td></td> <td></td> <td></td>	To Other Countries	20 01 01	No	4026.72	paper and cardboard	R3	м	Weighed	Abroad	Asia Globa: Trade nia			
No. No. </td <td></td> <td>Baanhoekweg 4,3313 LA Dordrecht,The</td> <td></td> <td></td>											Baanhoekweg 4,3313 LA Dordrecht,The		
No. No.<											Viewers 12 N _4782	ATM BV, 1538440, Viasweg	Viasweg
with the set of the s					paint, inks, adhesives and resins containing					ATM BV n/a	PW.MoerdidikNetherlands Vissweg 12,NL-4782	12.MoerdikNetherlanda ATM BV, 1538449, Visioweg	
with the set of the s	To Other Countries	20 01 27	Yes	240.57	denoerous substances	R1	м	Weighed	Abroad	ATM BV n/a	PW Moerdidik Netherlands Cappincur Industrial Estate Drivenson	12 Moerdik Netherlanda	12 Moerdik Natherlands
with the set of the s	Within the Country	20 01 36	No	64.84	equipment other than those mentioned in 20 01 21 20 01 23 and 20 01 35	R4	м	Weighed	Offsite in Ineland	KMK Metala recycling Ldt W0113-03	Road,Tullamore,Co. Offalv Ireland		
with the set of the s	Within the Country	20 01 40	No	1009.6	metala	R4	м	Weighed		Multimetals Recycling LTD.WFP-WW-09-0014-01	Bollamey,The Murrough,Wicklow,Co. Wicklow,Ireland		
Normal Matrix Normal Matrix </td <td></td> <td></td> <td></td> <td></td> <td>No. do una debito como</td> <td></td> <td></td> <td></td> <td>Contractor in Frankris at</td> <td></td> <td></td> <td></td> <td></td>					No. do una debito como				Contractor in Frankris at				
with the conder 2 min def 3 min def with the conder 3 min def with the conder 3 min def with the conder 3 min def with the conder 3 min def With the conder 3 min def With the conder 3 min def With the conder 3 min def With the conder 3 min def With the conder 3 min def With the conder 3 min def With the conder 3 min def 3 min def 3 min def <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Oxigen Environmental W0144-01</td><td>Coes Road,Dundalk,Co. Louth Instand</td><td></td><td></td></t<>										Oxigen Environmental W0144-01	Coes Road,Dundalk,Co. Louth Instand		
										Ballynagran Landtil,W0165- 02 Knockharley Landtil,W146-			
Name of Control Note N	Within the Country	20 03 07	No	63.54	bullor waste	D5	м	Weiched	Offsite in Ineland	Padraig Thomton Waste			
norm 1 Norm 1 Norm 1 Norm 1 Norm	Within the Country	20 03 07	No	16.34	bulky wishe	D5	м	Weiched	Offsite in Instand		12 Initiand Ballymount Road Wolfinsterm Dublic		
norm 1 Norm 1 Norm 1 Norm 1 Norm	Within the Country	15 01 02	No	260.9	elastic packaping	R3	м	Weiched	Offsite in Ineland	02	12Ineland Floors Street, Johnstone		
With Corpor With Corpor With With With With With With With With	Within the Country	15 01 02	No	36.62	plastic packaging	R3	м	Weiched	Offsite in Ireland				
Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Normal Matrix Nor	Within the Country	15 01 01	No	123.38	paper and cardboard packaging	R3	м	Weiched	Offsite in Ireland	Independent Waste Paper Producers Ltd	4GD United Kingdom		
Non-Control No. No. <th< td=""><td>To Other Countries</td><td>15 01 01</td><td>No</td><td>981.3</td><td>nanar and canthoant narkaning</td><td>R:S</td><td>м</td><td>Weinhart</td><td>Ahmari</td><td>Lais (Shha Trata nis</td><td>Gardens, London W2 4MR rá: Linitari Kinnelren</td><td></td><td></td></th<>	To Other Countries	15 01 01	No	981.3	nanar and canthoant narkaning	R:S	м	Weinhart	Ahmari	Lais (Shha Trata nis	Gardens, London W2 4MR rá: Linitari Kinnelren		
Torbanese Torb	To Other Countries	15 01 02	No	17.96	elastic packaging	R3	м	Weiched	Abroad	Paula Papar Nacycling BV nia			
1. Obe Came is 51.9 No. 1.02 No.	To Other Countries	15 01 04	No	15.86	metallic oackazina	R3	м	Weiched	Abroad	North West Fibres nia	Avenue, Evenet, WA 98201- 4782 United Kinodom		
No. No. <td>To Oher O</td> <td>16.01.04</td> <td></td> <td></td> <td>matrific and inside</td> <td>81</td> <td></td> <td>Weinheid</td> <td>About</td> <td>Conductors Mad Town</td> <td>Gate,Doncister,South Yorkshire,DN1 3NA,United</td> <td></td> <td></td>	To Oher O	16.01.04			matrific and inside	81		Weinheid	About	Conductors Mad Town	Gate,Doncister,South Yorkshire,DN1 3NA,United		
No. No. <td>• o unner Countries</td> <td></td> <td>-40</td> <td>14.92</td> <td>INTERNET CONTRACTOR</td> <td>13</td> <td></td> <td></td> <td></td> <td></td> <td>41 Pocklington Crescent,Newark,Notlingham</td> <td></td> <td></td>	• o unner Countries		-40	14.92	INTERNET CONTRACTOR	13					41 Pocklington Crescent,Newark,Notlingham		
	Within the Country	15 01 04	No	12.18	metallic packaging minture of concrete hereis sites and	R3	м	Weiched	Offsite in Ireland		shire,NG24 2PG,United Kinadom		
Name Note Note <th< td=""><td>Within the Country</td><td>17 01 07</td><td>No</td><td>2171.18</td><td>01.06</td><td>RS</td><td>м</td><td>Weighed</td><td>Offsite in Ireland</td><td></td><td>Kill.Co KildareIreland</td><td></td><td></td></th<>	Within the Country	17 01 07	No	2171.18	01.06	RS	м	Weighed	Offsite in Ireland		Kill.Co KildareIreland		
Name Note Note <th< td=""><td>Within the Country</td><td>17 01 07</td><td>No</td><td>3879.29</td><td>ceramics other than those mentioned in 17 01 08</td><td>R5</td><td>м</td><td>Weighed</td><td>Offsite in Ireland</td><td>Ballynagran Landfil,W0165- 02</td><td>Ballynagran .WicklowIreland</td><td></td><td></td></th<>	Within the Country	17 01 07	No	3879.29	ceramics other than those mentioned in 17 01 08	R5	м	Weighed	Offsite in Ireland	Ballynagran Landfil,W0165- 02	Ballynagran .WicklowIreland		
Name Note Note <th< td=""><td></td><td></td><td></td><td>19.82</td><td>means of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06</td><td>RS</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>				19.82	means of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06	RS							
Witch Group 19 10 No. 481.5 Mask and or cancel and c					ceramics other than those mentioned in 17						Navan Co. Meath Justice 1		
Witch Group 19 10 No. 481.5 Mask and or cancel and c								Maria	Official in the	Padraig ThomtonWaste Disposal Ltd T/A Thomtons			
Witch Group 19 10 No. 481.5 Mask and or cancel and c								Weighed	Offsite in Ireland	Ballynagran Landfil,W0165- 02	Ballynagran Wicklow Ireland		
Weine Score 91 92 No 2714 mean for seams for se	Within the Country	19 12 09	No	4985.54	minerals (for example sand, stones)	RS	м	Weighed	Offsite in Ineland	02	Navan.Co. MeathJreland Baltionlass Co.		
	Within the Country	19 12 09	No				м	Weiched	Offsite in Ireland	Rampere Landfill.W068-03 Padnaig Thomton Waste Disnoval T/A Tho	WicklowIreland		
Weining Courty 19 12 12 No. 19 13 1 No. 19 13 1 No. 19 14 1 </td <td>Within the Country</td> <td>19 12 09</td> <td>No</td> <td>256.72</td> <td>minerals (for example sand stones) other wastes (including mixtures of</td> <td>RS</td> <td>м</td> <td>Weiched</td> <td>Offsite in Ireland</td> <td>Recycling W0044-02</td> <td>12 Instand</td> <td></td> <td></td>	Within the Country	19 12 09	No	256.72	minerals (for example sand stones) other wastes (including mixtures of	RS	м	Weiched	Offsite in Ireland	Recycling W0044-02	12 Instand		
Weise Location Participant and Partitand Partitand Participant And Partitipant And Partitipant And Par	Within the Country	19 12 12	No	1541.0		D10	м	Weighed	Offsite in Ireland	Indaver Waste-to-Energy.	Carranstown,Duleek,CO. Meath_Ireland		
Note Account 10 12 No Account 21 12 No Account					other westes (including mixtures of materials) from mechanical treatment of matters after then from mechanical in 10.17					Ballmagran Levela Winner	Balunagran		
Mathematical state Mathema	Within the Country	19 12 12	No	1929.88	11	D1	м	Weighed	Offsite in Ireland	n2	Winklow Isaland		
Note Account 101 20 Account 201 Account Account 201 Account Account <td>Within the Country</td> <td>19 12 12</td> <td>No</td> <td>104.56</td> <td>materials) from mechanical treatment of wastes other than those mentioned in 19 12 11</td> <td>D1</td> <td>м</td> <td>Weighed</td> <td>Offsite in Ireland</td> <td>Indaver Waste-to-Energy</td> <td>Carranstown,Duleek,CO. Meath Ireland</td> <td></td> <td></td>	Within the Country	19 12 12	No	104.56	materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	D1	м	Weighed	Offsite in Ireland	Indaver Waste-to-Energy	Carranstown,Duleek,CO. Meath Ireland		
Weis Na Courty 19 12 10 No. 2.04 2.04 No. No. 2.04 No.													
Within Go Lowy 19 12 10 No. 5.20 4 10 minuted manual model of manual model mod	Within the Country	19 12 12	No	3084.34	11 other wastes (including mixtures of	D1	м	Weighed	Offsite in Ireland	02	Navan Co. MeathIreland		
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Within the Country	19 12 12	No	539.4	wastes other than those mentioned in 19 12 11	D1	м	Weighed	Offsite in Ireland	Rampere Landfill.W068-03	Baltinglass,Co. WicklowIreland		
Marke Science 20191 No. 2144 assess and sector sect					other wastes (including mixtures of materials) from mechanical treatment of wastes other than those manimum in 10.55						Robinhood Industrial Estate.Robinhood		
Wein Re Courty 20:101 No. 21:44 sear-ari catination Rs M Notation Open sear-ari status Control in the instance of the instance	Within the Country	19 12 12	No	40.98	11	D1	м	Weighed	Offsite in Ireland	Environmental W0152-03	Road Dublin 12 Ireland 3525 Colby		
With RG Courty 201 01 No. 2-02 of sector	Within the Country	20 01 01	No	316.44	paper and cardboard	R3	м	Weiched	Offsite in Ireland	North West Fibres.n/a	4782United Kinodom Towers Business		
Non-state Non-state <t< td=""><td>Within the Country</td><td>20 01 01</td><td>No</td><td>245.0</td><td>paper and cardboard</td><td>R3</td><td>м</td><td>Weighed</td><td>Offsite in Ineland</td><td>CAN Europe</td><td>Park,Wilmslow Road,Didsbury,WMCR M20 2DX.United Kinodom</td><td></td><td></td></t<>	Within the Country	20 01 01	No	245.0	paper and cardboard	R3	м	Weighed	Offsite in Ineland	CAN Europe	Park,Wilmslow Road,Didsbury,WMCR M20 2DX.United Kinodom		
Within G. Coursy 20 33 Yes 0.4 Lanses Mail Warget Warget Mail Statute Course Mail Statute Course Other Instatute Course Other I	county				batteries and accumulators included in 16 06 01, 16 06 02 or 16 05 03 and unsorted					VIN Maria			
Within Security 201 01 No 201 misestanzana awaii K4 M Neutral Channel and	Within the Country	20 01 33	Yes	0.64	ostenes and accumulators containing these batteries	R4	м	Weighed	Offsite in Ireland	Recycling W0113-02 Irish Packaging Recycling	Offaily Ineland Ballymount	oz, Tultamore,, Co Offailv Instand	Instand
webma kowy is 12 w w 2005 w koo eminimia menowa o is 12 0 w w meetine orana meane o issou offer webma loading minutes maxedui (from methodic) sammer of To Other Counties 19 12 11 Vis 1952 w and kataleses 05 M Wegled Abnad Rechard E. 4400Betaius —Betaius	Within the Country	20 03 01	No	204.1	mixed municipal waste	R4	м	Weiched	Offsite in Ireland		Road,Walkinstown,Dublin 12Ineland		
webma kowy is 12 w w 2005 w koo eminimia menowa o is 12 0 w w meetine orana meane o issou offer webma loading minutes maxedui (from methodic) sammer of To Other Counties 19 12 11 Vis 1952 w and kataleses 05 M Wegled Abnad Rechard E. 4400Betaius —Betaius										Disposal T/A Thomtons Recycling W0044-02 Oxigen Env; WFP-10-07	Kileen Road, Dublin 12Ireland Daingean, Tullemore Co.		
To Other Countries 19 12 11 Yes 105.42 weste containing dancerous substances D5 M Weighed Abroad Recvivel BE. 4480Belgium B4480BelgiumBelgium	Within the Country	19 12 07	No	3035.78	wood other than that mentioned in 19 12 06 other wastes (including mixtures of	RS	м	Weiched	Offsite in Ireland	0183-02	Offely Ireland	Recyfuel BE, "Zoning	
	To Other Countries	19 12 11	Yes	105.42	waste containing dangerous substances	DS	м	Weighed	Abroad	Recvital BE.	Zoring Industrial dEhein,8- 4480Beloium	B4480Beloium	Beloum