OXIGEN ENVIRONMENTAL LTD.

COES RD FACILITY
WASTE LICENCE
W0144-01

ANNUAL ENVIRONMENTAL REPORT
(AER) 2010

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1. Introduction

Sean Rooney Limited t/a Bambi Bins & Wheel Bin Services Limited was issued Waste Licence (Reg. No. W0144-01), on the 6th February 2002, to operate a Waste Transfer Station and Recycling Facility at Coes Road, Dundalk, Co. Louth. This Licence was transferred to Oxigen Environmental Ltd on the 2nd of February 2010.

In accordance with the requirements of Condition 11.5 of the Waste Licence, an Annual Environmental Report (AER) for the facility must be submitted to the Environmental Protection Agency (EPA).

This is the ninth AER, covering the reporting period from the 1st January 2010 to the 31st December 2010.

The facility is located at:-

Oxigen Environmental Limited,
Waste Transfer Station and Recycling Facility
Coes Road,
Dundalk,
Co. Louth.

Tel: (042) 9335000 Fax: (042) 9354175

1.1 Description of Site

The Waste Transfer Station and Recycling Facility is located within an area zoned for industrial development. The facility is surrounded in the industrial estate by various warehouses and industrial buildings. The Coes Road runs adjacent to the eastern site boundary. The total area of the site is approximately 7,178m^2.

Waste handling activities at the site consist of accepting and bulk loading of commercial, industrial and municipal waste for transfer to other recycling depots or other disposal outlets. In addition, where possible, recyclable waste (cardboard, glass, metal, timber, plastic) is recovered from the waste streams and sent for further recycling.

The licensed waste activities, permitted under the Third and Fourth Schedule of the Waste Management Act (1996), in the Waste Licence (W0144-01) are as detailed below:

1.2 Licensed Waste Disposal Activities

Third 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.

1.3 Licensed Waste Recovery Activities

Fourth Schedule, Class 2: Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).

Fourth Schedule, Class 3: Recycling or reclamation of metals and metal compounds.

Fourth Schedule, Class 4: Recycling or reclamation of other inorganic materials.

Fourth Schedule, Class 13: Storage of waste intended for submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where such waste is produced.

1.4 Process Operation Summary

There are a number of waste processing operations in place at the facility as detailed in Table 1.

Table 1.1: Waste Processing Activities

WASTE DESCRIPTION	PROCESS OPERATION
Commercial/Domestic Skip Waste	Skip waste comprises of mixed waste coming from domestic houses and offices. It consists of items such as furniture and office materials. On being documented at the weighbridge the waste is tipped in the C&D Shed and inspected. Items that are not accepted at the facility are quarantined and sent to the respective facilities for recycling/ disposal. The remaining waste is bulked up into 40ft open top ejector trailers. The material is transferred to an Oxigen Facility in Dublin where it is processed.
Construction & Demolition Waste (C&D)	C&D Waste is tipped in the designated bay once documented at the weighbridge. Any contaminants in the form of metal, wood or cardboard are removed. The remaining C&D Waste such as rubble and soil and stones is used as infill at approved and permitted facilities. This material is also used for engineering works such as haul roadways in approved landfill sites.
Municipal Waste	Oxigen Environmental collect black bins containing municipal waste from a large number of domestic and commercial customers in the Northeast Region. Once documented at the weighbridge, the waste is tipped in the municipal

	processing shed where it is bulked up into a 40ft compactor and is sent to Licensed Landfills for disposal. During 2010 Oxigen Environmental commissioned an MSW processing plant to trail the pre-treatment of municipal waste in effort to recover metals and biodegradable fraction in line with EU Landfill Directive 1999/31/EC. Results from this trail were a poor quality fines output. The processing plant will continue to be upgraded to achieve a good quality organic fines suitable for composting.
Dry Recyclables	Oxigen Environmental collect green bins containing co-mingled dry recyclables such as paper, cardboard and metal cans from numerous domestic and commercial customers in the North East Region. Having been documented at the weighbridge this material is tipped in the Dry-Recyclable tipping area, inspected for contamination, and then bulked up into 40ft compactors before being delivered to other facilities for further recovery and recycling.
Kitchen & Garden Waste	Oxigen Environmental collect brown bins containing organic kitchen and garden waste such as food and grass cuttings from numerous domestic and commercial customers in the North East Region. Once documented at the weighbridge this material is tipped on the shed floor and inspected for contamination. The material is bulked up into 40ft tipper trailer before being transferred offsite.
Wood Products	Wood is segregated into a bay and loaded into a 40ft trailer which is sent to an approved facility for further processing.
Metal Products	Metals are segregated and loaded into 40ft tipper trailers and sent to an approved facility for recycling.
Cardboard Products	Cardboard is segregated and loaded into 40ft open top trailers and sent to an approved facility where it is bailed for further recycling.

Glass	Glass is stored in bays before being transferred for recycling to a processing plant for recycling.

2. QUANTITY AND COMPOSITION OF WASTE RECOVERED, RECEIVED AND DISPOSED OF DURING 2010

2.1 Tonnage of Waste Compositions Received at the Coes Road Facility from the 1st of January – 31st of December 2010

Table 2.1: Tonnage of Waste by Type Received at the Coes Road Facility in 2010

Commodity	EWC Code	Tonnage
Food	02 02 03	755.61
Cardboard	15 01 01	2,216.82
Plastic	15 01 02	40.02
Mixed Plastic	15 01 02	3.76
Timber Pallets	15 01 03	10.96
Steel Packaging	15 01 04	20.24
Glass Packaging	15 01 07	734.35
Masonry	17 01 01	7.36
C&D	17 01 07	366.24
Wood	17 02 01	258.44
Copper	17 04 01	2.12
Soil & Stones	17 05 04	954.69
Mixed C&D	17 09 04	6,886.17
Paper	20 01 01	21.84
Kitchen & Canteen	20 01 08	2,892.58
Plastic	20 01 39	16.00
Steel	20 01 40	296.30
Biodegradable	20 02 01	18.80
Municipal	20 03 01	20,090.30
Dry Recyclables	20 03 01	10,081.26
Mixed Recyclables	20 03 01	599.76
Bulky Waste	20 03 07	0.30
Total		**46,273.92**

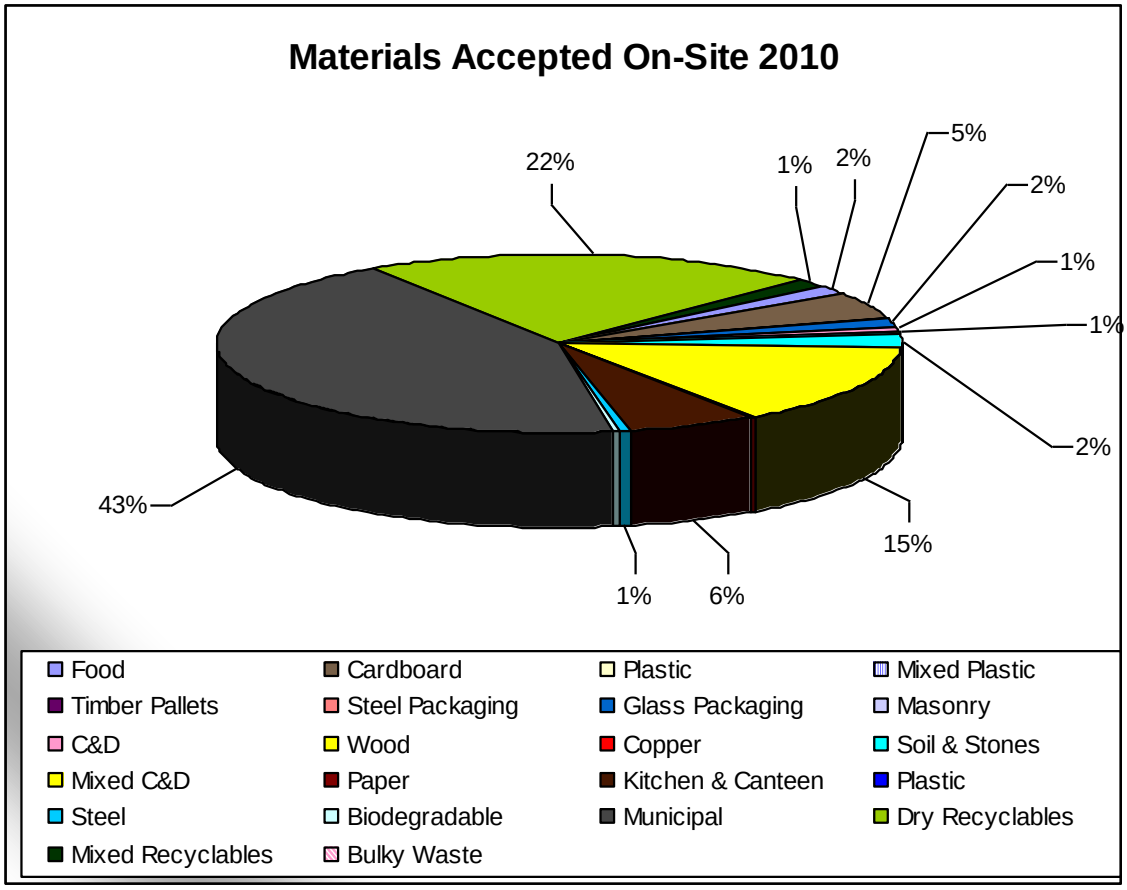


Figure 2.1 Percentage of Waste by Type Received at the Coes Road Facility in 2010

2.2 Tonnage of Waste Transferred from the Coes Road Facility during the period of 1st January – 31st December 2010

Table 2.2 Tonnage of Waste Transferred from the Coes Road Facility for in 2010

Commodity	EWC Code	Tonnage
Plastic	15 01 02	29.02
Timber Pallets	15 01 03	31.52
Mixed C&D	17 09 04	6,694.15
Toner	08 03 18	80.40
Plastic	20 01 39	52.06
General Waste	20 03 01	46.86
Municipal	20 03 01	21,844.48
Metals	20 01 40	27.56
Amber Glass	15 01 07	730.78
Dry Recyclables	20 03 01	10,456.11
Cardboard	15 01 01	2,326.80
Steel Packaging	15 01 04	61.42
Soil & Stones	17 05 04	1,501.66
C&D	17 01 07	145.78
Tyres	16 01 03	8.78
Food	02 02 03	732.90
Interceptor Waste	13 05 08	6.64
Wood	17 02 01	452.48
Kitchen & Canteen	20 01 08	7.72
Processed MSW	19 12 12	213.16
Steel	20 01 40	276.18
Total		**45,726.46**

2.3 Tonnage of Waste Transferred from the Coes Road Facility for Disposal during the period of 1st January – 31st December 2010

Table 2.3 Tonnage of Waste Transferred from the Coes Road Facility for Disposal in 2010

Commodity	EWC Code	Tonnage
Toner	08 03 18	80.40
General Waste	20 03 01	46.86
Municipal	20 03 01	21,844.48
Processed MSW	19 12 12	213.16
Total		**22,184.90**

2.4 Tonnage of Waste Transferred from Coes Road Facility for Recovery/Recycling during the period 1st of January -31st of December 2010

Table 2.4 Tonnage of Waste Transferred from the Coes Road Facility for Recovery/Recycling in 2010

Commodity	EWC Code	Tonnage
Plastic	15 01 02	29.02
Timber Pallets	15 01 03	31.52
Mixed C&D	17 09 04	6,694.15
Plastic	20 01 39	52.06
Metals	20 01 40	27.56
Amber Glass	15 01 07	730.78
Dry Recyclables	20 03 01	10,456.11
Cardboard	15 01 01	2,326.80
Steel Packaging	15 01 04	61.42
Soil & Stones	17 05 04	1,501.66
C&D	17 01 07	145.78
Tyres	16 01 03	8.78
Food	02 02 03	732.90
Interceptor Waste	13 05 08	6.64
Wood	17 02 01	452.48
Kitchen & Canteen	20 01 08	7.72
Steel	20 01 40	276.18
Total		**23,541.56**

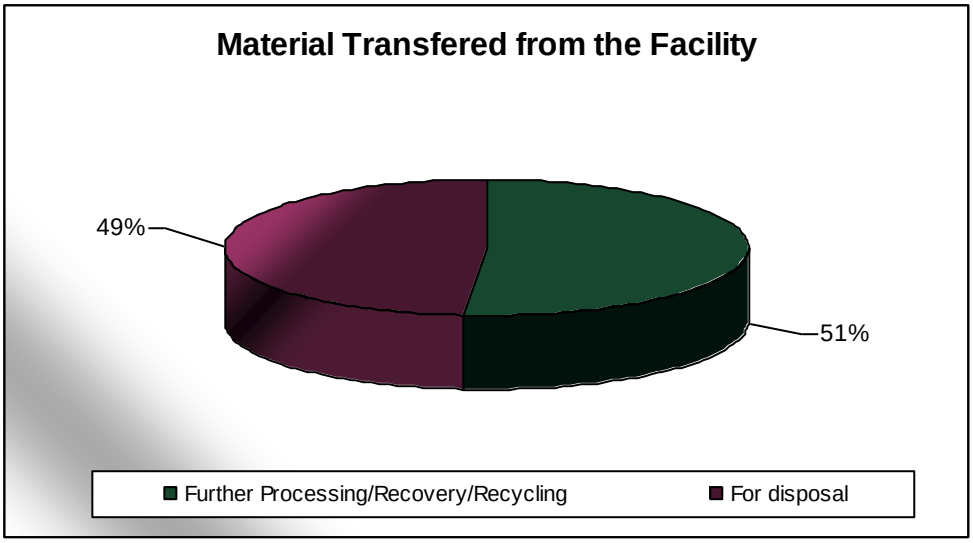


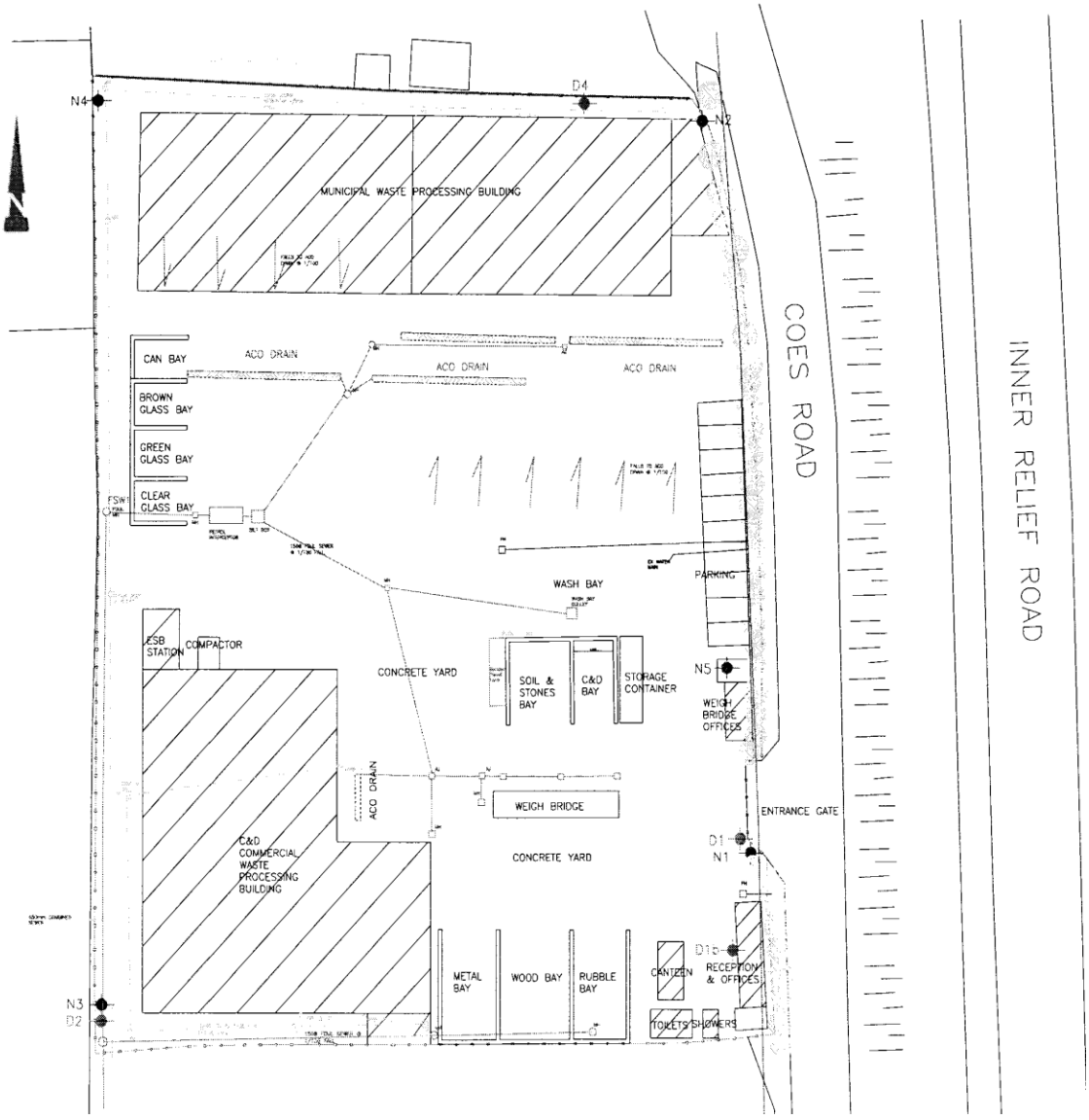
Figure 2.2 Percentage of Waste Transferred for Disposal/Recovery in 2010

3. EMISSIONS FROM THE FACILITY

3 Emissions from the Facility

Environmental monitoring results for the reporting period are outlined in the following sections. The results of all monitoring have been summarised in the tables below. An interpretation of the results and a location plan of all monitoring points are also presented. There is a high level of compliance with the standards set in the licence. Copies of the original monitoring reports are included in Appendix 1 of this report.

Figure 3.1 Site Map Outlining Monitoring Locations.



3.1 Quarterly Foul Sewer Monitoring Results Summary

Schedule D.4.1 of Waste Licence W0144-01 requires that emissions to sewer be monitored on a quarterly basis. The samples collected are analysed for Biological Oxigen Demand (BOD), Chemical Oxigen Demand (COD), Suspended Solids (SS) and pH.

One foul sewer monitoring point is present on the site. This has been designated as FW1.

Table 3.1 Quarterly Foul Sewer Monitoring Results 2010

Date/Parameter	BOD (mg/l)	COD (mg/l)	Suspended Solids (mg/l)	pH pH Units	Temperature ˚C
ELV's as per Waste Licence W0144-01	**3000**	**4500**	**3000**	**6 - 9**	**30**
Q1	860	2020	69	6.12	9.8
Q2	1560	2900	348	6.04	11.1
Q3	2102	3000	256	6.02	15.4
Q4	2280	4200	1438	6.61	11.2

Schedule C.3 of Waste Licence W0144-01 specifies Emission Limit Values (ELV's) for each of the parameters to be analysed. As can be seen from the results above the emissions to foul sewer were compliant for each foul sewer monitoring event in 2010.

Graphical representations of the results are presented in tables 3.2 to 3.6 below.

Table 3.2 Quarterly BOD Monitoring Results 2010

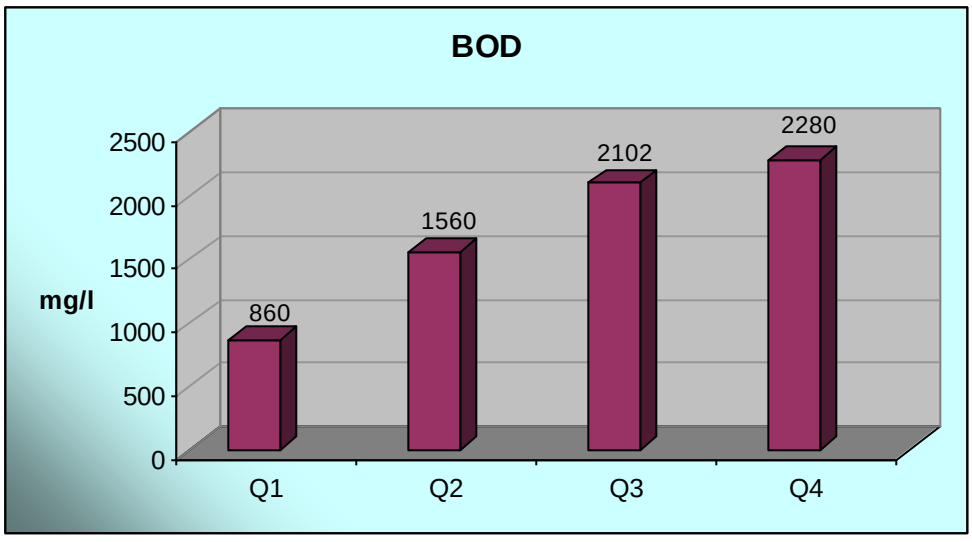


Table 3.3 Quarterly COD Monitoring Results 2010

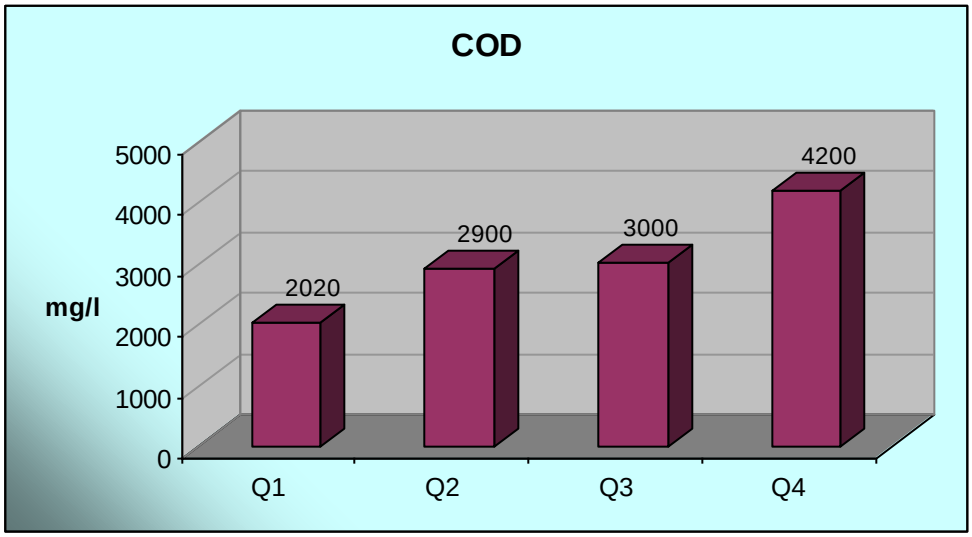


Table 3.4 Quarterly Suspended Solids Monitoring Results 2010

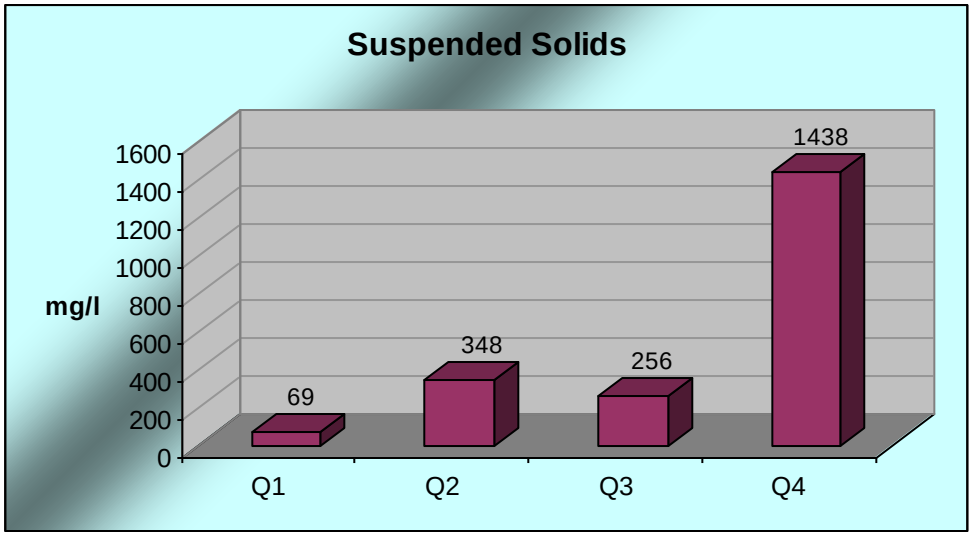


Table 3.5 Quarterly pH Monitoring Results 2010

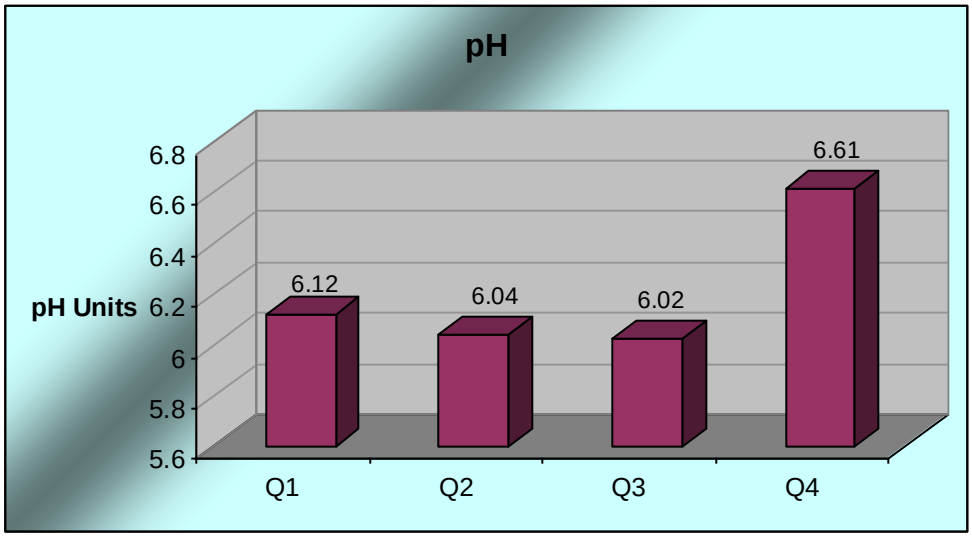
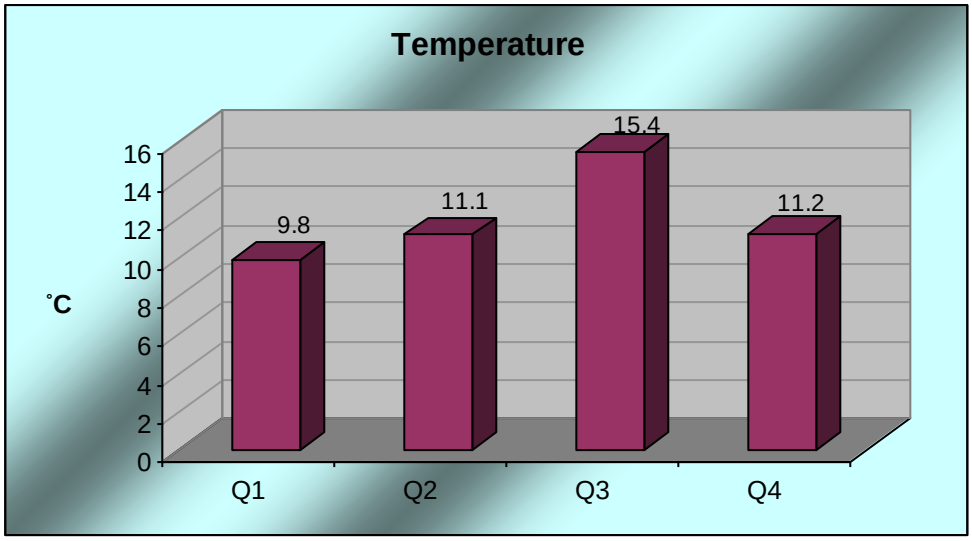


Table 3.6 Quarterly Temperature Monitoring Results 2010



3.2 Dust Monitoring Results Summary

In compliance with Schedule D.2 of Waste Licence W0144-01, three dust monitoring surveys were carried out during 2010, two between the months of May and September, to determine the impact of site operations on the surrounding environment.

Schedule D.1 requires three dust monitoring locations, D1, D2 and D4 to be surveyed. Results of the dust monitoring events are presented in Table 3.7 below.

Table 3.7 Dust Monitoring Results Summary 2010

Location/Date	ELV ($mg/m^2/day$)	February	July	August
D1	**350**	217.2	215.6	268.8
D1b	**350**	4.5	303.7	290.5
D2	**350**	60.6	33.9	88.3
D4	**350**	80.6	29.6	34.4

All monitoring points sampled in 2010 were compliant with the emissions limits set out in Schedule C.2 Ambient Monitoring of W0144-01.

3.3 Noise Monitoring Results Survey

As required in Schedule D.3.1. of Waste Licence W0144-01, noise monitoring is required to be carried out on an annual basis at three noise monitoring locations on site, N3, N4 and a Noise Sensitive Location (NSL). An NSL, as per the explanation in Waste Licence W0144-01 refers to:

"a dwelling house, hotel or hostel, health building, educational establishment, or any other facility or area of high amenity which for its proper enjoyment requires the absence of noise at nuisance levels"

Due to the industrial nature of the area, this type of receptor does not exist. Instead of monitoring at a noise sensitive location, monitoring was therefore carried out at a boundary position outside the Oxigen Environmental site located between Oxigen and the adjacent site "Dundalk Building Supplies Ltd.". This location is identified as N1.

The day time noise monitoring survey for 2010 was carried out on the 7th of December. Night time noise monitoring was conducted on the 7th of December.

Results of the Day-time and Night-time noise surveys are presented in Tables 3.9 and 3.10 below.

Table 3.8 Day Time Noise Monitoring Results 2010

Location	ELV as per Waste Licence W0144-01 L_{Aeq} (30 mins) dB(A)	L_{Aeq} dB(A)	L_{A10} dB(A)	L_{A90} dB(A)
N1	55	62.4	62.2	54.6
N3	55	57	57.9	48.1
N4	55	65.3	67	54.1

Table 3.9 Night Time Noise Monitoring Results 2010

Location	ELV as per Waste Licence W0144-01 L_{Aeq} (30 mins) dB(A)	L_{Aeq} dB(A)	L_{A10} dB(A)	L_{A90} dB(A)
N1	45	56	58.5	51.98
N3	45	44.7	45.9	41.9
N4	45	43.1	44.1	40.9

Oxigen Environmental Limited is located in an industrial area, with commercial premises on either side of the site. The site is rectangular in shape and the front of the yard runs parallel to the Dundalk by-pass. The access road to the industrial estate consists of a slip road from the by-pass, which is located approximately 20 meters from the front entrance to the premises.

Due to the industrial nature of the area, a very high volume of traffic uses both the Dundalk by-pass and the access road to the industrial estate. During the course of the survey, it was noted that as well as traffic associated with Oxigen, there was a constant volume of traffic on the access road associated with the other businesses in the industrial estate. It was also noted that wind speed and the tipping of one glass skip during the course of the monitoring effected overall readings.

The Emission Limit Values specified in Waste License W0144-01, Schedule C.1 were 55 dB(A) for daytime and 45 dB(A) for night-time activities. These limits were exceeded at a number of the monitoring locations during the 2010 annual noise survey. As can be seen from the results presented in the tables above, traffic on the Coes Road, wind speed and activities on neighbouring sites contributed to the overall noise levels.

There is no significant tonal content associated with the operations at the facility.

Graphical representations of the results are presented in Tables 3.11 and 3.12 below.

Table 3.10 Day Time Noise Monitoring Results 2010

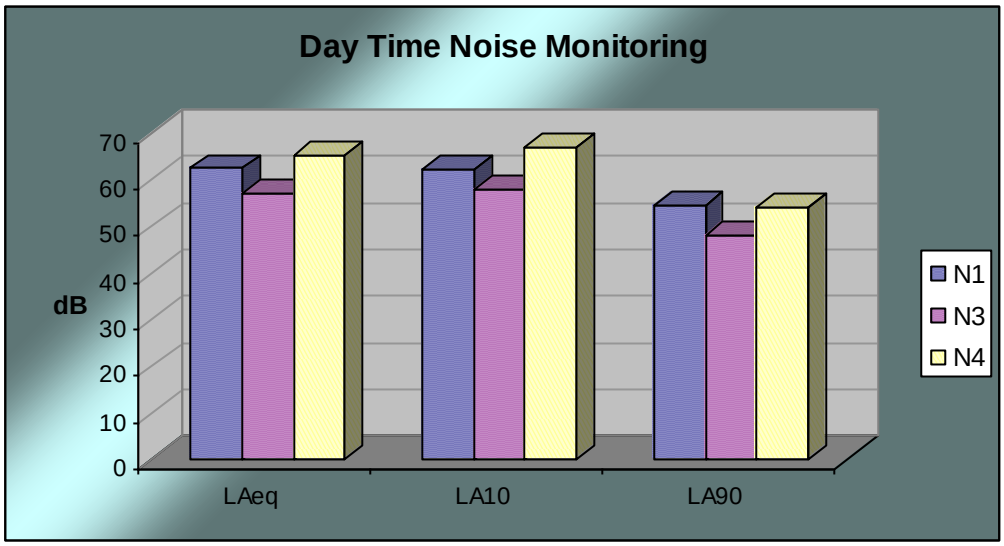
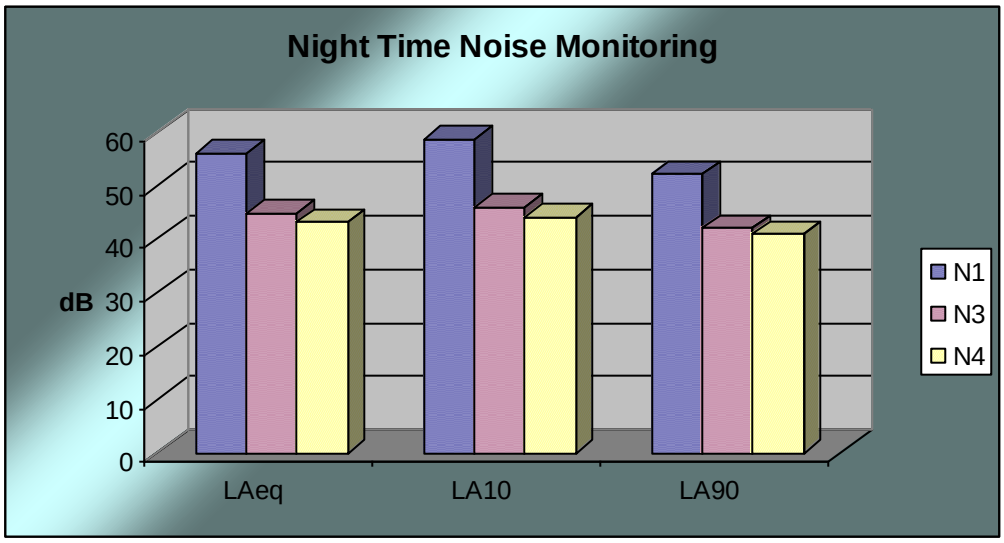


Table 3.11 Night Time Noise Monitoring Results 2010



4. RESOURCE AND ENERGY CONSUMPTION SUMMARY

4. Resource and Energy Consumption Summary

Oxigen Environmental use machine gas oil, electricity and water in the operation at the facility. It is a dry process and therefore large amounts of water are not used.

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

Table 4.1 Summary table of resource consumption for the reporting period

Site Energy Usage 2007	Quantity	Units
Gasoil	49,,919.1	Litres
Electricity	145,286	kWh

4.1 Diesel Consumption

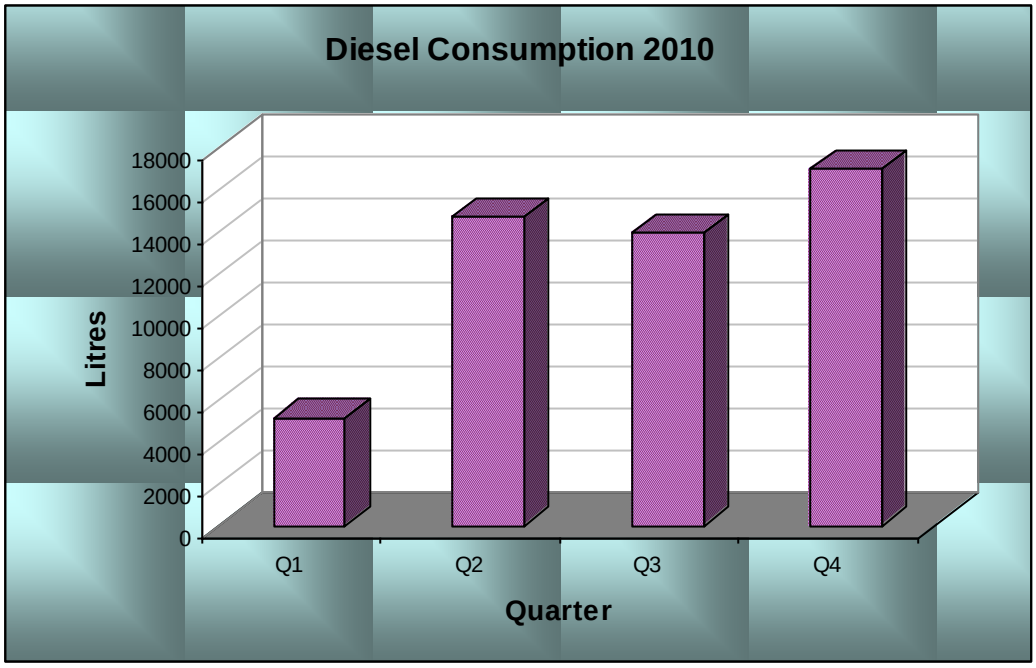
In August 2010 a 55,000L diesel tank incorporating a 40,000L Diesel tank, 15,000L Gasoil Tank and a pump station was installed into Coes Road. This tank works on a fob key system with an individual fob assigned to each vehicle or machine. To activate the pump station, the vehicle mileage must be entered and the litres of fuel consumed by each machine are recorded. 2010 saw an increase in fuel consumption of nearly 43%. The possible factors that contributed to this increase include:

- More accurate recording of diesel consumption;
- The use of the Terminator Shredding Machine for the trialling of MSW mechanical pre-treatment through out the year;
- The use of older machinery on-site which are not energy efficient.

As part of the Objectives & Targets for 2011 and going forward, Oxigen are aiming to reduce diesel consumption. Various methods are being undertaken to achieve a proposed 5% reduction in the next year across the whole Oxigen fleet. These include the introduction of a tyre pressure and maintenance check programme, educating drivers on Eco Driving techniques and investigating the possibility of using limiters which will automatically cut off a vehicle if it is idling for more than a set number of minutes. Oxigen also propose to trail the use of new machinery at the facility with the view to investing in more energy efficient plant and machinery.

A graphical representation of the diesel consumption is outlined in figure 4.1 below.

Figure 4.1 Graphical Representation of Diesel Consumption during the reporting period



4.2 Electricity Consumption

Table 4.2 Summary Table of Electricity Usage during the reporting period

2010	Day Units kWh	Night Units kWh
Total	107,812	37,474

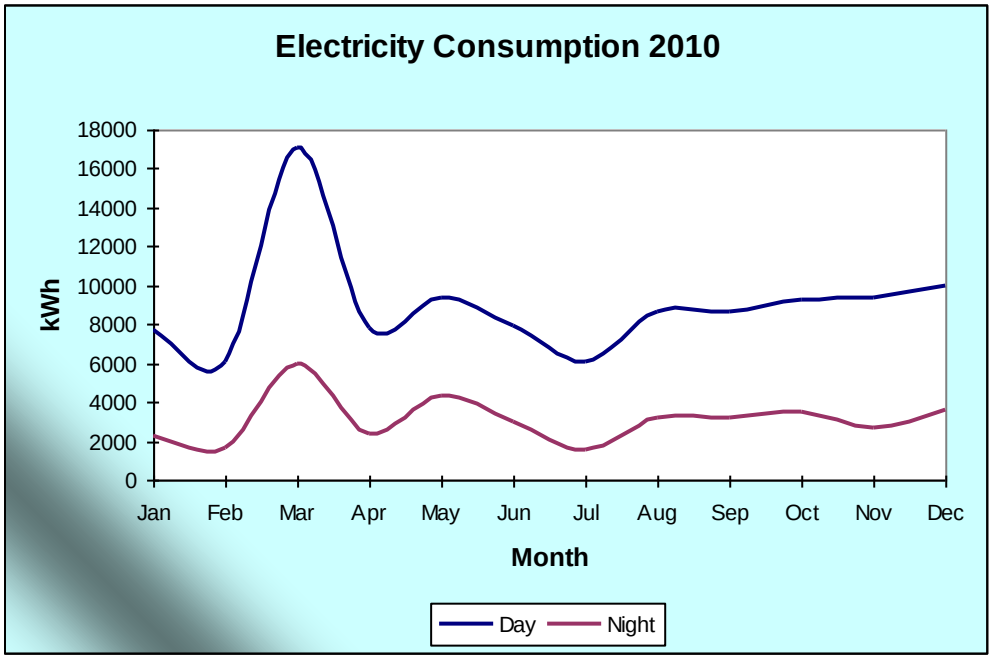
Day and night time electricity usage for 2010 is significantly higher than the figure reported for 2009. These figures are based on estimate readings provided in bills from the electricity supplier.

Factors contributing to the increased electricity usage in 2010 include:

- The use of the MSW processing plant for the trialling of MSW mechanical pre-treatment through out the year;
- Increased usage of the odour control fogco system;
- The use of electrically operated pump station at the diesel tank;
- The use of night time lighting for the safe operation of the facility during the hours of darkness;
- Increased heating in offices and canteen areas during unprecedented cold winter months in January, November and December 2010;
- The installation of electronically operated gates at the facility.

A graphical representation of the electricity consumption is outlined in figure 4.2 below.

Figure 4.2 Graphical Representation of Electricity Usage during the reporting period



5. DEVELOPMENT/INFRASTRUCTURAL WORKS FOR 2010/2011

5.1 2010 Development Works

Development works of 2010 included the installation of the 55,000L diesel tank on-site and the re-commissioning of the MSW processing plant.

5.2 2011 Development Works

It is proposed to carry out improvement works to the hardstand area of the yard. It is expected that these works will be completed by the 31st January. No other major developmental works are planned or proposed for 2011 at this stage.

6. OBJECTIVES & TARGETS

6.1 Objectives & Targets for 2010

Table 6.1 List of Environmental Objectives and Targets for 2010 as contained in AER

Objective	Description	Person Responsible	Target	Completion Date
1.	Odour Control	Facility Manager	1.1 Carry out maintenance works on the Fogco Odour Neutralising System to ensure it is working to its best efficiency in order to minimise the risk of odours. 1.2 Research the use of a neutralising agent for the Fogco System.	June 2010 March 2010
2.	Training	Compliance Officer	2.1 Assess training requirements and provide refresher training where necessary. 2.2 Provide training for any new staff members.	November 2010 As Required
3.	Improvement of Yard Area	Facility Manager	3.1 Carry out improvement works on hardstand area of the yard. 3.2 Put up new signage on site.	July 2010 January 2010
4.	Diesel Tank	Facility Manager Compliance Officer	4.1 Seek approval from the EPA to install a bunded diesel tank on-site.	January 2010

5.	Create a Traffic Management Plan for the Facility	Facility Manager H&S Adviser	5.1Create and implement a Traffic Management Plan for the Facility to minimise noise and dust generation. 5.2 Put up additional barriers on-site for the protection of personnel and site buildings from site vehicles and machinery.	April 2010 February 2010
6.	Reduce Energy Resources Used	Compliance Officer	6.1 Create awareness of energy use reduction and efficiency with all staff on-site. 6.2 Replace strip lights in the offices with energy efficient lighting when replacements are required. 6.3 When/if replacing electrical equipment consider energy efficient replacements	Continual As Required As Required

6.2 Progress Report on the Achievement of 2010 Objectives and Targets

Objective 1 Odour Control

Target 1.1: Carry out maintenance works on the Fogco Odour Neutralising System to ensure it is working to its best efficiency in order to minimise the risk of odours.

Upgrade works were carried out to the fogco odour neutralising system throughout the year. A new dosing pump was installed in June to ensure the system as working to its maximum potential. Existing nozzles and piping were replaced throughout the year at various intervals to ensure maximum dispersion of the neutralising agent.

Target 1.2 Research the use of a neutralising agent for the Fogco System.

Oxigen Environmental researched the use of four different neutralising agents in 2010. Details of suppliers, products and results of the trials of these products are maintained on-site and available for inspection. The product considered to be most effective during the trial period had been in use at the facility since the completion of the trial.

Objective 2 Training

Target 2.1 Assess training requirements and provide refresher training where necessary

An assessment of training needs and requirements was completed taking into account individuals role and responsibilities. Refresher training was provided for staff in December on conditions of Waste Licence W0144-01, Emergency Response Procedure, Chemical Spill Control Procedure, Spill Kit Procedure and nuisance control procedures. New training needs were identified in the use of the newly installed diesel tank and the updated waste acceptance procedure.

Target 2.2 Provide training for any new staff members

This was incorporated into the assessment of training needs and requirements (taking into account individuals role and responsibilities) which is a live document which is updated as new employees commence service with the Company. Training was provided to new staff members throughout 2010. A training file containing all staff environmental training records is maintained on-site and available for inspection.

Objective 3 Improvement of Yard Area

Target 3.1 Carry out improvement works on hardstand area of the yard

At the beginning of 2010 it was proposed to carry out repair works to the concrete hardstand area of the facility. It was initially proposed to commence these works in July but this timeframe was delayed due to the contractor working on another project at that time. Works were rescheduled for later in the year. Due to unprecedented weather

conditions in November and December these works were not completed. Oxigen contacted the Agency to inform them of this delay. In December a letter was submitted to the Agency confirming that these works would be completed by the 31st of January 2011. This target has been carried over into the Schedule of Environmental Objectives & Targets for 2011.

Target 3.2 Put up new signage on site

New signage was put up on site throughout the year. Signs on the bays were upgraded to ensure correct segregation and storage of source segregated materials. Signage was also affixed to the diesel tank and first aid stations were identified on-site by new signage.

Objective 4 Diesel Tank

4.1 Seek approval from the EPA to install a bunded diesel tank on-site

Oxigen Environmental received approval from the Agency in August 2010 to install a diesel tank on-site subject to specific conditions. To comply with this approval Oxigen erected barriers around the tank to minimise risk of damage due to impact. Reflectors were affixed to these barriers to aid visibility during hours of darkness. Labels were affixed to the tank to outline the procedure to be used when using the tank. Labels also identify safety hazards/precautions. A Certificate of Integrity was submitted to the Agency prior to the initial filling of the tank.

A procedure for the use of the diesel tank was written up and incorporated as part of the Environmental Management System for the facility. This procedure identified requirements in the event of a spillage. Personnel using this tank for refuelling were trained on this procedure. The pump station of the tank was supplied with an emergency spill kit containing spill socks and reusable neoprene drain covers.

As a fob key system is being used to fuel each vehicle or item of plant machinery, an accurate reading for the diesel consumption can be ascertained.

Objective 5 Create a Traffic Management Plan for the Facility

Target 5.1Create and implement a Traffic Management Plan for the Facility to minimise noise and dust generation.

A traffic management plan has been commenced at the facility. This includes the use of a traffic light system on-site and the use of a maximum speed limit on-site.

Target 5.2 Put up additional barriers on-site for the protection of personnel and site buildings from site vehicles and machinery

Additional barriers were erected around the facility offices at the weighbridge office, skip hire office and canteen building. Barriers were also erected around the diesel tank to

prevent against damage from impact from site plant and machinery and for the safety of on-site personnel.

Objective 6 Reduce Energy Resources Used

Target 6.1 Create awareness of energy use reduction and efficiency with all staff on-site.

Visual awareness was created with staff on-site by the placement of colourful visual posters at prominent locations in the offices and canteens. Staff were encouraged to switch off lighting and equipment when not required, not in use or at the end of the working day.

Target 6.2 Replace strip lights in the offices with energy efficient lighting when replacements are required.

No replacement of lighting was required during the reporting period. This is a long term target so this will continue into forthcoming reporting periods.

Target 6.3 When/if replacing electrical equipment consider energy efficient replacements

During 2010 the water boiler in the canteen was replaced with a kettle. No other electrical items required replacement during the reporting period. This is an on-going target and will be implemented during the next reporting period also.

6.3 Objectives & Targets for 2011

Objective	Description	Person Responsible	Target	Completion Date
1.	Reduce Energy Consumption	Facility Manager Purchasing Manager Project Manager	1.1 Reduce diesel consumption by 5% by end of 2011. 1.2 Establish current electricity usage on-site with in conjunction with SEAI 1.3 Introduce an energy saving plan based on current on-site electricity consumption and SEAI findings. 1.4 Reduce energy consumption on a phased basis over the next 5 years.	31.12.11 31.03.11 01.04.11 31.12.15
2.	Reduce Waste Produced and divert material from landfill	Operations Director Facility Manager Purchasing Manager	2.1 Increase percentage recovery rates to reduce the level of material sent to landfill 2.2 Introduce tyre pressure and maintenance training programme to increase life of tyres and reduce the level of waste tyres produced as a result of operations.	31.12.11 01.03.11
3.	Training	Purchasing Manager Purchasing Manager Compliance Officer	3.1 Train drivers on how to monitor and manage tyre pressure and tyre maintenance to increase life of tyre and reduce diesel consumption of the vehicle in conjunction with Bridgestone Ireland. 3.2 Educate drivers, mechanics and site managers on Eco Driving Skills in partnership with SEAI to optimise diesel mpg; tyre life; life of the truck and reduce CO_2 emissions. 3.3 Provide induction training to any new	01.03.11 01.06.11 As Required

		Compliance Officer	staff on EPA Site Licence & relevant environmental procedures in line with the identification of training needs schedule. 3.4 Provide staff with training on any new environmental procedures developed	As Required
4.	Odour Control	Operations Director Facility Manager Compliance Officer	4.1 Investigate current odour control fogging systems on the market that would best suit the operations of Oxigen Environmental to eliminate/control potential odours. 4.2 Install an enhanced odour control fogging system.	01.04.11 31.05.11
5.	Pest Control	Purchasing Manager Compliance Officer	5.1 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.	20.02.11
6.	Site Upgrades	Facility Manager	6.1 Carry out improvement works to the concrete hardstand area of the facility	31.01.11

7. OPERATIONAL PROCEDURES DEVELOPED IN 2010

7. Procedures Developed by Oxigen Environmental in 2010

In accordance with the conditions of Licence W0144-01, a review was conducted on the Environmental Management System for the Facility in 2010. In order to improve the Environmental Management System (EMS) and to maintain ISO 14001 Standard Certification, the EMS was and amended; existing procedures were updated and new procedures were developed.

The EMS for the Facility was accredited to ISO 14001 Standard by Certification Europe in August 2009.

Below is a list of all current environmental procedures currently in place at the Facility.

Environmental Procedures

OXEP 01	Waste Acceptance Procedure
OXEP 02	Receipt, Processing and Dispatch of Waste Procedure
OXEP 03	Procedure for Emptying Water from Bunded Areas
OXEP 04	Procedure for Testing of Bunded Areas
OXEP 05	Procedure for Chemical Control
OXEP 06	Chemical Spill Control Procedure
OXEP 07	Control of Material Safety Data Sheets
OXEP 08	Energy Auditing Procedure
OXEP 09	Dust Monitoring Procedure
OXEP 10	Odour Monitoring and Control Procedure
OXEP 11	Bird Control Procedure
OXEP 12	Fly Control Procedure
OXEP 13	Litter Control Procedure
OXEP 14	Noise Monitoring Procedure
OXEP 15	Vermin Control Procedure
OXEP 16	Yard Sweeping Procedure
OXEP 17	Emergency Response Procedure
OXEP 18	Document Control and Record Management Procedure
OXEP 19	Communications Procedure
OXEP 20	Silt Trap Emptying Procedure
OXEP 21	Complaints/ Non Conformance Handling and Corrective Action

	Procedure
OXEP 22	Environmental Auditing Procedure
OXEP 23	Management Review Procedure
OXEP 24	Operational Control Procedure
OXEP 25	Foul Water Monitoring Procedure
OXEP 26	Gypsum Acceptance Procedure
OXEP 27	Environmental Training Procedure
OXEP 28	Identification of Applicable Legal and Other Requirements Procedure
OXEP 29	Environmental Monitoring and Measuring Procedure
OXEP 30	Customer Service Communications Procedure
OXEP 31	Trans Frontier Shipments Procedure
OXEP 32	Use of Diesel Tank Procedure

8. TANK, DRUM, PIPELINE AND BUND TESTING INSPECTION REPORT

8. 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 04 Procedure for Testing of Bunded Areas'. All tests were recorded on EMS Log Sheet 'EP111 Testing of Bunded Area Log Sheet'. These log sheets are kept on file along with original certificates.

A bunded diesel tank was installed on-site in August 2010. Prior to the initial filling of the tank a Certificate of Integrity was submitted to the Agency. A copy of this certificate is maintained on-site.

9. REPORTED INCIDENTS

9. Reported Incidents

The Agency carried out sampling of the emission to sewer at location FS1 during the reporting peroid. Monitoring results of this sample were in exceedance of the emission limits for BOD, COD and pH.

All monitoring carried out by BHP Laboratories on behalf of the Licencee were in compliance with the limits set out in Schedule C of the Licence.

Subsequent to the results from the Agency Oxigen Environmental cleaned and de-sludged the oil interceptor and replaced the filters.

No other incidents took place at the Facility during 2010.

An Incidents File is maintained on-site at all times.

10. COMPLAINTS SUMMARY

10. Complaints Summary

A number of complaints were received during the reporting period directly from individuals and also from the Agency Office. All complaints received were related to odours emanating from the facility.

A Complaints Log is completed for each complaint received. A Complaints Register is maintained on-site at all times and is available for inspection.

11. REVIEW OF NUISANCE CONTROLS

11. Review of Nuisance Controls

Eastern Pest Control carries out 8 visits per year to monitor the pest nuisance on site. Records of all site inspection visits carried out by EPC are kept on-file. These inspection reports outline the controls, level of activity and observations for each site inspection.

Routine site inspections are carried out by the facility manager or the compliance officer on site, which will highlight any nuisances on site, such as litter, pests, noise, birds, flies, odour or dust. Should any such nuisances be recorded, then appropriate measures are undertaken.

A fly nuisance was noted during the summer months and fly spraying of the facility sheds and offices was carried out by Eastern Pest Control to eradicate the nuisance.

A number of seagulls were noted on-site during the months of October, November and December. Efforts were made to prevent the attraction of birds to the facility by reducing birds access to food sources on-site by keeping shed doors closed, cleaning food spills and ensuring the food bin was stored indoors at all times. In addition to this a kite hawk was used on-site as trial bird repellent. This hawk was found to be most effective when it was used on an ad-hok basis and when it was moved to different locations of the site on a regular basis. This was to ensure birds would not become accustomed to the kite. Findings at the end of the year were that there were a reduced number of birds on-site with the use of the kite hawk combined with the prevention measures.

As per the objectives and targets for 2011, Oxigen are proposing to upgrade the current pest control and monitoring services. As part of this proposal Oxigen will explore a number of suppliers to ensure that the best level of service is being provided to them for the facility. Oxigen also propose to commence a ‘pest on-line’ monitoring system. This is a system whereby all bait points are bar coded. These barcodes are scanned upon inspection recording the amount of bait put into that bait point. Over a length of time trends, if any, can be monitored. All inspection reports will be reported electronically as part of this on-line system. A ‘traffic-light’ monitoring will be used e.g. green for closed items, amber for items not closed and red for items requiring addressing.

There are procedures in place to deal with any such nuisances in the facility. In 2010, no major nuisances were noted. All nuisance control measures currently in place are found to be adequate.

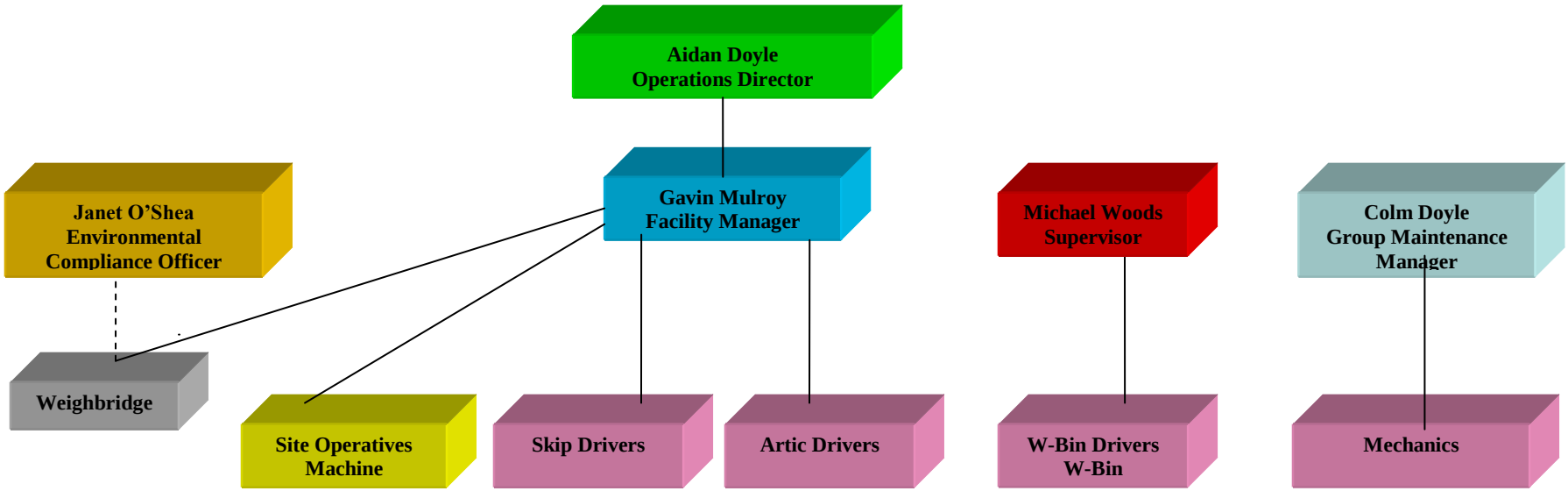
12. FINANCIAL PROVISION

12. 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. Bambi Bins & Wheel Bin Services proposed to put a Bank Bond in place to cover such costs once the figures had been accepted by the Agency.

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.

13. MANAGEMENT STRUCTURE



Key: Environmental Responsibilities

Responsibility to Ensure that all Operations at the facility are carried out inline with EMS Procedures and the Environmental Policy.

To ensure that waste is segregated and stored appropriately and to implement procedures to keep the facility complaint at all times.

Responsible for Compliance with WCP and EPA Licence W0144-01 as well as Legislative and EMS Requirements & any other Compliance issues arising on a daily basis.

Responsibility to ensure that any oil/grease/diesel spills from their vehicle are cleaned up and any problems with vehicles are highlighted to manager immediately.

To ensure that waste is handled appropriately and to ensure that all wind blown litter is picked immediately.

To Ensure that all drivers operate in accordance with the Waste Collection Permit, Licence requirements and EMP Procedures within the Facility.

To ensure that only conforming waste enters the facility and to ensure that this is recorded accurately and appropriately.

14. PROGRAMME FOR PUBLIC INFORMATION

14. 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 W0144-01
- 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 3.3.

Appendix I – Environmental Monitoring Reports

Appendix II – PRTR Returns

| PRTR# : W0144 | Facility Name : Oxigen Environmental Limited | Filename : W0144_2010(1).xls | Return Year : 2010 |

Environmental Protection Agency

Guidance to completing the PRTR workbook

AER Returns Workbook

Version 1.1.11

REFERENCE YEAR	2010

1. FACILITY IDENTIFICATION

Parent Company Name	Oxigen Environmental Limited
Facility Name	Oxigen Environmental Limited
PRTR Identification Number	W0144
Licence Number	W0144-01

Waste or IPPC Classes of Activity

No.	class_name
3.13	Storage prior to submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where the waste concerned is produced.
4.13	Storage of waste intended for submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where such waste is produced.
4.2	Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).
4.3	Recycling or reclamation of metals and metal compounds.
4.4	Recycling or reclamation of other inorganic materials.

Address 1	Coes Road
Address 2	Dundalk
Address 3	Co Louth
Address 4	
Country	Ireland
Coordinates of Location	-6.38396 54.0015
River Basin District	GBNIIENB
NACE Code	3821
Main Economic Activity	Treatment and disposal of non-hazardous waste
AER Returns Contact Name	Janet OShea
AER Returns Contact Email Address	joshea@oxigen.ie
AER Returns Contact Position	Compliance Officer
AER Returns Contact Telephone Number	042-9335000
AER Returns Contact Mobile Phone Number	086-1719513
AER Returns Contact Fax Number	042 9335000
Production Volume	0.0
Production Volume Units	
Number of Installations	0
Number of Operating Hours in Year	0
Number of Employees	0
User Feedback/Comments	
Web Address	

2. PRTR CLASS ACTIVITIES

Activity Number	Activity Name
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 ?	

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CREATE AER XML RETURN & UPLOAD

4.1 RELEASES TO AIR Link to previous years emissions data | PRTR# : W0144 | Facility Name : Oxigen Environmental Limited | Filename : W0144_2010(1).xls | Return Year : 2010 | 29/03/2011 10:39

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

RELEASES TO AIR					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
					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 AIR					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
					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 AIR					Please enter all quantities in this section in KGs				
POLLUTANT		METHOD			ADD EMISSION POINT				
			Method Used		D1	D1b	D2	D4	
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	Emission Point 2	Emission Point 3	Emission Point 4	T (Total) KG/Year
210	Dust	M	ALT	Behgerhoff Gauges	334.67	136.26	178.43	271.45	920.81

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

Additional Data Requested from Landfill operators

For the purposes of the National Inventory on Greenhouse Gases, landfill operators are requested to provide summary data on landfill gas (Methane) flared or 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: Oxigen Environmental Limited

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

4.2 RELEASES TO WATERS Link to previous years emissions data | PRTR# : W0144 | Facility Name : Oxigen Environmental Limited | Filename : W0144_2010(1).xls | Return Year : 2010 | 29/03/2011 10:39

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 submitted under AER / PRTR

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) KG/Year	F (Fugitive) KG/Year
					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) KG/Year	F (Fugitive) KG/Year
					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) KG/Year	F (Fugitive) KG/Year
					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

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4.3 RELEASES TO WASTEWATER OR SEWER

Link to previous years emissions data

| PRTR# : W0144 | Facility Name : Oxigen Environmental Limited | Filename : W0144_2010(1).xls 29/03/2011 10:39

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		FSW1			
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
76	Total organic carbon (TOC) (as total C or COD/3)	M	ALT	APHA-5220-D	790.17	790.17	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		FSW1			
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	APHA-5210-B	890.18	890.18	0.0	0.0
306	COD	M	ALT	APHA-5220-D	2370.5	2370.5	0.0	0.0
240	Suspended Solids	M	ALT	APHA-2540-B	856.08	856.08	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

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4.4 RELEASES TO LAND Link to previous years emissions data | PRTR# : W0144 | Facility Name : Oxigen Environmental Limited | Filename : W0144_2010(1).xls | Return Year : 2010 | 29/03/2011 10:39

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) KG/Year
					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) KG/Year
					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

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5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE | PRTR# : W0144 | Facility Name : Oxigen Environmental Limited | Filename : W0144_2010(1).xls | Return Year : 2010 | 29/03/2011 10:39

Please enter all quantities on this sheet in Tonnes

3

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility Non Haz Waste: Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility Non Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used					
Within the Country	02 02 03	No	732.9	materials unsuitable for consumption or processing	R1	M	Weighed	Offsite in Ireland	College Proteins,P0037-03	Nobber,Co. Meath,,,,Ireland		
Within the Country	08 03 18	No	10.82	waste printing toner other than those mentioned in 08 03 17	D5	M	Weighed	Offsite in Ireland	Corranure Landfill,W0077-03	Cootehill Road,Cavan,Co. Cavan,,Ireland		
Within the Country	08 03 18	No	69.58	waste printing toner other than those mentioned in 08 03 17	D5	M	Weighed	Offsite in Ireland	Whiteriver Landfill,W0060-02	Dunleer,Co. Louth,,,,Ireland		
Within the Country	13 05 08	Yes	6.64	mixtures of wastes from grit chambers and oil/water separators	D13	M	Weighed	Offsite in Ireland	Rilta Environmental Limited,W0192-03	Block 402,Greenogue Business Park,Rathcoole,Co. Dublin,Ireland	Rilta Environmental Limited,W0192-03,Block 402 Greenogue Business park,Rathcoole,Dublin,,,Ireland	Block 402 Greenogue Business park,Rathcoole,Dublin,,,Ireland
Within the Country	15 01 01	No	2178.84	paper and cardboard packaging	R3	M	Weighed	Offsite in Ireland	Oxigen Environmental Limited,W0208-01	Merrywell Industrial Estate,Ballymount Raod Lower,Clondalkin,Dublin 22,Ireland		
Within the Country	15 01 01	No	147.96	paper and cardboard packaging	R3	M	Weighed	Offsite in Ireland	Irish Packaging Recycling,WPR-021-02	Ballymount Road,Walkinstown,Dublin 12,,Ireland		
Within the Country	15 01 02	No	29.02	plastic packaging	R3	M	Weighed	Offsite in Ireland	Retech Processing,WFP-CN-10-0004-01	Cavan Road,Cootehill,Co. Cavan,,Ireland		
Within the Country	15 01 03	No	31.52	wooden packaging	R3	M	Weighed	Offsite in Ireland	Oxigen Environmental Limited,W0208-01	Merrywell Industrial Estate,Ballymount Raod Lower,Clondalkin,Dublin 22,Ireland		
Within the Country	15 01 04	No	1.7	metallic packaging	R13	M	Weighed	Offsite in Ireland	Oxigen Environmental Limited,W0208-01	Merrywell Industrial Estate,Ballymount Raod Lower,Clondalkin,Dublin 22,Ireland		
Within the Country	15 01 04	No	59.72	metallic packaging	R4	M	Weighed	Offsite in Ireland	Clearway Disposal Ltd,LN/05/02/A	East Twin Road,Belfast,BT39EN,,Ireland		
Within the Country	15 01 07	No	506.32	glass packaging	R5	M	Weighed	Offsite in Ireland	Glassco,WFP-KE-08-0957-01	Unit 4 Oberstown Industrial Park,Carragh Road,Naas,Co. Kildare,Ireland		
Within the Country	15 01 07	No	224.46	glass packaging	R5	M	Weighed	Offsite in Ireland	Rehab Recycle,WPR004	Ballymount,Dublin 22,,,Ireland		
Within the Country	16 01 03	No	8.78	end-of-life tyres	R5	M	Weighed	Offsite in Ireland	Crumb Rubber Ireland Ltd,2007/01	Dromiskin,Dundalk,Co. Louth,,Ireland		
Within the Country	17 01 07	No	124.7	mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06	R13	M	Weighed	Offsite in Ireland	Oxigen Environmental Limited,W0208-01	Merrywell Industrial Estate,Ballymount Raod Lower,Clondalkin,Dublin 22,Ireland		
Within the Country	17 01 07	No	21.08	mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06	R10	M	Weighed	Offsite in Ireland	Whiteriver Landfill,W0060-02	Dunleer,Co. Louth,,,,Ireland		
Within the Country	17 02 01	No	6.48	wood	R13	M	Weighed	Offsite in Ireland	Oxigen Environmental Limited,W0208-01	Merrywell Industrial Estate,Ballymount Raod Lower,Clondalkin,Dublin 22,Ireland		
Within the Country	17 02 01	No	354.24	wood	R3	M	Weighed	Offsite in Ireland	Enrich Environmental,WFP/MH/08/001/01	Kilcock,Co. Meath,,,,Ireland		

Within the Country	02 01	No	91.76	wood	R3	M	Weighed	Offsite in Ireland	Nurendale Ltd,W0140-02	Beauparc Business Park,Navan,Co. Meath,.,Ireland
Within the Country	17 05 04	No	201.38	soil and stones other than those mentioned in 17 05 03	R12	M	Weighed	Offsite in Ireland	Oxigen Environmental Limited,W0208-01	Merrywell Industrial Estate,Ballymount Raod Lower,Clondalkin,Dublin 22,Ireland
Within the Country	17 05 04	No	286.12	soil and stones other than those mentioned in 17 05 03	R10	M	Weighed	Offsite in Ireland	Corranure Landfill,W0077-03	Cootehill Road,Cavan,Co. Cavan,.,Ireland
Within the Country	17 05 04	No	1014.16	soil and stones other than those mentioned in 17 05 03	R10	M	Weighed	Offsite in Ireland	Whiteriver Landfill,W0060-02	Dunleer,Co. Louth,.,.,Ireland
Within the Country	17 09 04	No	6694.16	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	Oxigen Environmental Limited,W0208-01	Merrywell Industrial Estate,Ballymount Raod Lower,Clondalkin,Dublin 22,Ireland
Within the Country	19 12 12	No	138.02	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	D13	M	Weighed	Offsite in Ireland	Oxigen Environmental Limited,W0152-03	Robinhood Road,Clondalkin,Dublin 22,.,Ireland
Within the Country	19 12 12	No	75.14	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	D5	M	Weighed	Offsite in Ireland	Whiteriver Landfill,W0060-02	Dunleer,Co. Louth,.,.,Ireland
Within the Country	20 01 08	No	7.72	biodegradable kitchen and canteen waste	R3	M	Weighed	Offsite in Ireland	Padraig Thornton Waste Disposal Ltd,W0195-01	Kilmainhamwood,Kells,Co. Meath,.,Ireland
Within the Country	20 01 39	No	52.06	plastics	R3	M	Weighed	Offsite in Ireland	Retech Processing,WFP-CN-10-0004-01	Cavan Road,Cootehill,Co. Cavan,.,Ireland
Within the Country	20 01 40	No	301.24	metals	R4	M	Weighed	Offsite in Ireland	Clearway Disposal Ltd,LN/05/02/A	East Twin Road,Belfast,BT39EN,.,Ireland
Within the Country	20 01 40	No	2.5	metals	R4	M	Weighed	Offsite in Ireland	Oxigen Environmental Limited,W0208-01	Merrywell Industrial Estate,Ballymount Raod Lower,Clondalkin,Dublin 22,Ireland
Within the Country	20 03 01	No	146.5	mixed municipal waste	R12	M	Weighed	Offsite in Ireland	Oxigen Environmental Limited,W0208-01	Merrywell Industrial Estate,Ballymount Raod Lower,Clondalkin,Dublin 22,Ireland
Within the Country	20 03 01	No	10309.61	mixed municipal waste	R12	M	Weighed	Offsite in Ireland	Re-Gen Waste,22/25	Sheperds Drive,Carnabane Industrial Estate,Newry,Co. Down,Ireland
Within the Country	20 03 01	No	46.86	mixed municipal waste	D5	M	Weighed	Offsite in Ireland	Whiteriver Landfill,W0060-02	Dunleer,Co. Louth,.,.,Ireland
Within the Country	20 03 01	No	2231.32	mixed municipal waste	D5	M	Weighed	Offsite in Ireland	Corranure Landfill,W0077-03	Cootehill Road,Cavan,Co. Cavan,.,Ireland
Within the Country	20 03 01	No	249.34	mixed municipal waste	D5	M	Weighed	Offsite in Ireland	Bord na Mona Drehid Waste Management Facility,W0203-03	Clane,Co. Kildare,.,.,Ireland
Within the Country	20 03 01	No	171.48	mixed municipal waste	D5	M	Weighed	Offsite in Ireland	Knockharley Landfill,W0146-01	Kentstown,Co. Meath,.,.Ireland
Within the Country	20 03 01	No	161.44	mixed municipal waste	D5	M	Weighed	Offsite in Ireland	Rampere Landfill,W0066-02	Baltinglass,Co. Wicklow,.,.Ireland
Within the Country	20 03 01	No	4089.5	mixed municipal waste	D13	M	Weighed	Offsite in Ireland	Oxigen Environmental Limited,W0152-03	Robinhood Road,Clondalkin,Dublin 22,.,Ireland
Within the Country	20 03 01	No	5892.08	mixed municipal waste	D5	M	Weighed	Offsite in Ireland	Scotch Corner Landfill,W0020-02	Annyalla,Castleblaney,Co. Monaghan,.,Ireland
Within the Country	20 03 01	No	9049.32	mixed municipal waste	D5	M	Weighed	Offsite in Ireland	Whiteriver Landfill,W0060-02	Dunleer,Co. Louth,.,.,Ireland