

1 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 operates a dry recyclables, c&d and general skip waste recovery facility at Merrywell Industrial Estate, Ballymount, Dublin 22.

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 third AER for the facility, covering the period from 1st January 2008 to 31st December 2008.

The Facility is located at:-

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

Tel: (01) 4263126 Fax: (01) 4567192

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

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 boundary.

There is one building on the site, which was extended through the year (see Development/Infrastructural Works Summary).

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.

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

1.2 Waste Licenced 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

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 produced

1.4 Process Operations Summary

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

Table 1: Waste Processing Operations

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 and inspected in line with waste acceptance procedures. Waste such as wood, metal, cardboard and green waste are removed by hand or by machine and stored in segregation bays for delivery to a recycling facility. Items that are not accepted at the facility, but found in the waste are quarantined and sent offsite to approved licenced facilities for further treatment. The remaining waste is segregated using a Trommel and Picking Station and separate fractions stored pending further recovery/recycling.
Construction And Demolition Waste (C&D)	C&D waste is tipped in the designated bay once documented at the weighbridge. Any metal, cardboard and wood are removed and put into their segregated bays for delivery to a recycling facility. The remaining C&D waste is processed through the C&D plant (Trommel and Picking Line). Materials such as rubble and soil and stones and C&D Fines are used as infill at approved and permitted facilities and as landfill cover.
Wood Products	Wood is segregated and transferred to Cavan Waste Disposal for recycling

Metal Products	Metals are segregated and transferred to Cummins Metals and Hammond Lane Metals for recycling.
Cardboard Products	Cardboard is segregated and baled for further recycling
Paper and Cardboard	Paper and Cardboard are baled before being delivered to other facilities for recycling.
Plastic Bottles	Plastic bottles are baled and stored on site pending further shipment for recycling
Glass	Glass is stored in bays before being collected for recycling.

2 EMISSIONS FROM THE FACILITY

2 Emissions from the Facility

All emissions from the Facility in 2007 were monitored by BHP Laboratories Ltd. Foul water, surface water and dust were all monitored in 2008. The results of all monitoring have been summarised in the tables below with full monitoring reports in Appendices I, II and III. There is a high level of compliance with the standards set in the licence.

2.1 Foul Water Monthly Monitoring Results Summary 2008

Parameter	Units	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Temperature	*C	9.5	14.7	-	10.2	23.1	21.4	12.2	20.5	16.5	14.5	13.8	14.2
pH	pH Units	7.09	8.98	6.58	7.47	7.62	6.67	7.2	6.81	6.76	6.55	7.4	6.77
BOD	mg/l	496	480	169	15	400	54	57.5	261.5	124	473	80	352
COD	mg/l	1525	1925	440	80	1110	74	98	1100	242	800	300	1800
Total Suspended Solids	mg/l	332	431	215	126	986	85	101	670	120	235	149	314
Sulphates (as SO4)	mg/l	41.5	137	4.1	125.7	35.6	22.1	42.3	55.1	17	167.7	37.7	39.7
Oils, Fats & Grease	mg/l	86	84	80	1	38	6	0.8	4	<1	12	<1	<1
Mineral Oils	mg/l	<0.01	0.3	0.64	<0.01	<0.01	<0.1	<0.01	<0.1	<0.1	<0.1	<0.1	<0.1
Detergents	mg/l	1.26	1.69	0.74	0.45	8.39	<0.00 1	0.15	0.786	0.66	0.758	0.66	0.121
Zinc	mg/l	0.013	0.08	0.01	0.017	0.041	0	0	0.099	0.023	0.008	0.006	0.008
Copper	mg/l	0.035	0.08	0.03	<0.00 1	0.142	<0.00 1	<0.00 1	0.037	<0.001	0.003	<0.00 1	0.099

2.2 Quarterly Surface Water Monitoring Results Summary

Parameters	Units	Jan	April	July	Oct
Temperature	*C	8.5	9.1	10.4	9.4
pH	pH units	6.93	7.45	7.07	7.21
Conductivity	uScm -1	743	756	633	156.6
BOD	mg/l	3	<1	4	98
COD	mg/l	12	1	6	200
Suspended Solids	mg/l	5	22	4.4	214
Ammonia (as N)	mg/l	0.02	0.47	0.02	0.01
Mineral Oils	mg/l	<0.01	<0.01	<0.01	<0.1

2.3 Bi annual Dust Monitoring Results Summary

Monitoring Point/Month	D1	D2	D3
Results 1 (March)	332.2	145	182.2
Results 2 (June)	244.4	68.9	no result
Results 3 (August)	98.8	175.5	201.7

Figure 1. Oxigen Ballymount Monitoring Locations

3 WASTE MANAGEMENT RECORD

3 Waste Management Record

Oxigen Environmental in Ballymount create various waste streams arising from the running of the facility, mostly attributed to staff activity and maintenance. Oxigen ensures 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 ENVIA Environmental for appropriate treatment.

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 & COMPOSITION OF WASTE RECOVERED & DISPOSED OF DURING 2008

4.1 Tonnage of Waste Compositions Received at Oxigen, Ballymount for the period of 1st January to 31st December 2008

Table 4 Tonnage of Waste by Type Received at Oxigen Ballymount January - December 2008

Material Description	EWC CODE	Total
Street Sweepings	20 03 03	4202.82
Gullys	20 03 03	958.80
Plastic/ plastic bottles	15 01 02	301.92
Bulky	20 03 07	29807.77
Cardboard	20 01 01	7386.00
Tetra Pack	15 01 05	60.22
C&D	17 01 07	24709.67
Wood	17 02 01	1558.15
Wooden Packaging	15 01 03	179.58
Dry recyclables	20 03 01	76416.19
Metal	20 01 40	62.76
Glass	15 01 07	9625.14
Aluminium	20 01 40	3.60
Garden and Park Waste	20 02 01	792.32
Green biodegradable	20 02 01	4670.44
Soil and Stones	17 05 04	0.00
Plasterboard	17 08 02	176.58
End Life Tyres	16 01 03	1.54
Total		160913.50

4.2 Tonnage of Waste Recovered/Recycled/Disposed of at Oxigen Ballymount for the period 1st July to 31st December 2008

Table 4.1 Tonnage of Waste by Type Consigned from Oxigen Ballymount July – December 2008

Material Description	EWC	Total (Tonnes)
Mixed Paper	20 01 01	27714.05
Mixed C&D	19 12 12	22143.72
Clean concrete	17 01 01	263.22
Wood	17 02 01	3704.52
Metal	17 04 07	2146.17
Steel cans	15 01 04	618.36
Aluminium	15 01 04	308.54
Cardboard	15 01 01	6507.44
Green	20 02 01	4470.66
Municipal	20 03 01	15.44
Soil & Stone	17 05 04	19830.11
Plastic bottles	15 01 02	477.96
End of Life tyres	16 01 03	61.08
Dry Recyclables	20 03 01	13101.16
Residue	20 03 01	10590.9
Gas Cylinder	15 01 11	8.88
Green Glass	15 01 07	3918.26
Clear Glass	15 01 07	3852.56
Brown Glass	15 01 07	2081.16
Bulky	20 03 07	1594.04
C&D Fines	19 12 12	21627.32
Plasterboard	17 08 02	215.44
Rubble	17 01 01	6811.62
Mixed Weee	20 01 36	3.4
News and Pams	20 01 01	21844.06
Tetra-Pak	15 01 05	44.2
Total		173954.27

4.3 Breakdown of Waste by Composition Recovered, Recycled and Disposed of From Oxigen Ballymount Facility for the Period 1st January to 31st December 2008

Table 4.2 Tonnage of Waste Types Recycled Oxigen Ballymount Facility January - December 2008

Material Description	EWC	Total (Tonnes)
Mixed Paper	20 01 01	27714.05
Wood	17 02 01	3704.52
Metal	17 04 07	2146.17
Steel cans	15 01 04	618.36
Aluminium	15 01 04	308.54
Cardboard	15 01 01	6507.44
Green Biodegradable	20 02 01	4470.66
Plastic bottles	15 01 02	477.96
End of Life tyres	16 01 03	61.08
Dry Recyclables	20 03 01	13101.16
Gas Cylinder	15 01 11	8.88
Green Glass	15 01 07	3918.26
Clear Glass	15 01 07	3852.56
Brown Glass	15 01 07	2081.16
Plasterboard	17 08 02	215.44
Mixed Weee	20 01 36	3.4
News and Pams	20 01 01	21844.06
Tetra-Pak	15 01 05	44.2
Total		91077.9

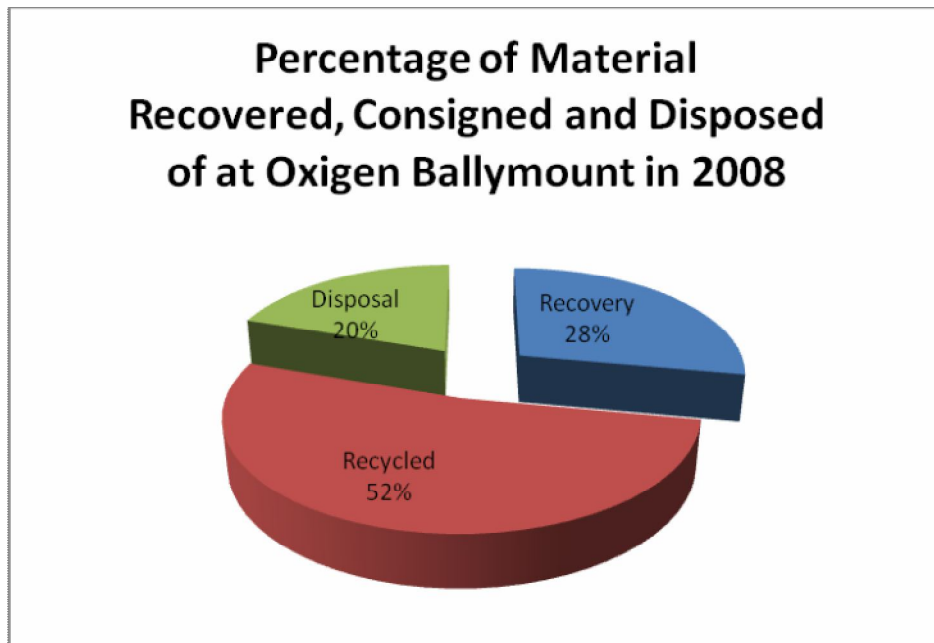
Table 4.3 Tonnage of Waste Types Recovered, Oxigen Ballymount January – December 2007

Material Description	EWC	Total (Tonnes)
Clean concrete	17 01 01	263.22
Soil & Stone	17 05 04	19830.11
C&D Fines	19 12 12	21627.32
Rubble	17 01 01	6811.62
Total		48532.27

Table 4.4 Tonnage of Waste Types Disposed, Oxigen Ballymount for the period January to – December 2007

Material Description	EWC	Total (Tonnes)
Mixed C&D	19 12 12	22143.72
Residue	20 03 01	10590.9
Municipal	20 03 01	15.44
Bulky	20 03 07	1594.04
Total		34344.1

Figure 4 Quantities and Percentage of Total Waste Received which was Recycled, Recovered and Disposed from Oxigen Ballymount January to December 2007



5 PROCEDURES MAINTAINED BY OXIGEN ENVIRONMENTAL BALLYMOUNT IN 2008

5.1 Environmental Management System Procedures Log

In accordance 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 developed by Oxigen in 2006. In order to improve the Environmental Management System (EMS) and to achieve ISO 14001 Standard Certification, the EMS was reviewed and amended in 2008. In summary, the EMS now contains the following procedures:

W0208-01 Environmental Management System Procedures Log

OXEP 01	Waste Acceptance Procedure
OXEP 02	Receipt, Processing and Dispatch of Waste Procedure
OXEP 03	Emptying Water from Bunded Areas Procedure
OXEP 04	Bund Testing Procedure
OXEP 05	Chemical Control Procedure
OXEP 06	Chemical Spill Control Procedure
OXEP 07	Control of MSDS Procedure
OXEP 08	Energy Audit Procedure
OXEP 09	Dust Monitoring Procedure
OXEP 10	Odour Monitoring & 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 Handling & 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	Transfrontier Shipments Procedure
OXEP 27	Weighbridge Procedure
OXEP 28	Gypsum Acceptance Procedures
OXEP 29	Environmental Training Procedure
OXEP 30	Hazardous Waste Acceptance And Handling Procedure
OXEP 31	Identification of Legal and other Requirements Procedure
OXEP 32	Environmental Monitoring & Measurement Procedure

and the following documents:

Documentation System Log

OXED 101	Daily Inspection Records
OXED 102	Weekly Inspection Records
OXED 103	Yard Sweeping
OXED 104	Complaints Handling / Corrective Action Form
OXED 105	Rejected Loads Form
OXED 106	Quarantined Waste Form
OXED 107	Diesel Log
OXED 108	Machine Maintenance Log
OXED 109	Weekly Consumables Chart
OXED 110	Testing of Bunded Areas

OXED 111	Weekly Eco Drain Report
OXED 112	Site Action Requirement Form
OXED 113	Emergency Report
OXED 114	Chemical/Oil Spill Report
OXED 115	Vermin / Fly nuisance Control
OXED 116	Weekly Compliance Issues
OXED 117	Analysis Sample Departmental Report
OXED 118	Bay cleaning form
OXED 119	Waste Acceptance
OXED 120	Internal Audit Form
Doc OXE 01	Acceptable Waste List
Doc OXE 02	EPA Approved Destinations List
Doc OXE 03	EPA Approved Haulier List
Doc OXE 04	Internal Audit Schedule and Audit Records
Doc OXE 05	Training Review and Plan 2009
Doc OXE 06	Compliance Summary Sheet EPA Licence W0208-01
Doc OXE 07	Waste Collection Permit Summary
Doc OXE 08	Schedule of Environmental Management Reviews
Doc OXE 09	Company Records Management System
Doc OXE 10	Facility Management and Reporting Structure
Doc OXE 11	Environmental Objectives and Targets
Doc OXE 12	Procedure Review Schedule
Doc OXE 13	Register of Environmental Aspects
Doc OXE 14	Register of Environmental Legislation & other Applicable Requirements
Doc OXE 15	Closure, Decommissioning and Aftercare Management Plan

6 REVIEW OF NUISANCE CONTROLS

6. Review of Nuisance Controls

Eastern Pest Control carries out 8 visits per year to monitor the pest nuisance on site. The attached report from EPC outlines the controls, level of activity and observations for 2008.

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 in the facility.

In 2008, fly nuisances measures were increased. Some rodent sighting was recorded during construction phase of the extension to the Processing Building which was dealt with immediately by Eastern Pest Control who laid extra bait boxes to remediate the problem and prevent any further nuisance. Nuisance control measures currently in place are found to be adequate.

7 RESOURCE CONSUMPTION SUMMARY

7 Resource Consumption Summary

Oxigen, Ballymount 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 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, water heating in canteen.

Table 7 Summary table of resource consumption for the reporting period

Site Resource Usage Jan to Dec 2008	Quantity	Units
Gasoil	301,581	Litres
Electricity	1,295,379	kWh
Water	2445	M3

Table 7.1 Summary Table of Electricity Usage for the Reporting Period

Usage/Month	Day	Night	Total
Jan	49814	20210	70024
Feb	54201	20033	74234
Mar	85343	43117	128460
Apr	90167	47431	137598
May	80274	38061	118335
Jun	75435	34413	109848
Jul	74652	35126	109778
Aug	71874	27951	99825
Sep	67986	30978	98964
Oct	76907	38460	115367
Nov	73910	38166	112076
Dec	80867	40003	120870
TOTAL	881430	413949	1295379

Figure 7 Graph of Electricity Units Used During the Reporting Period

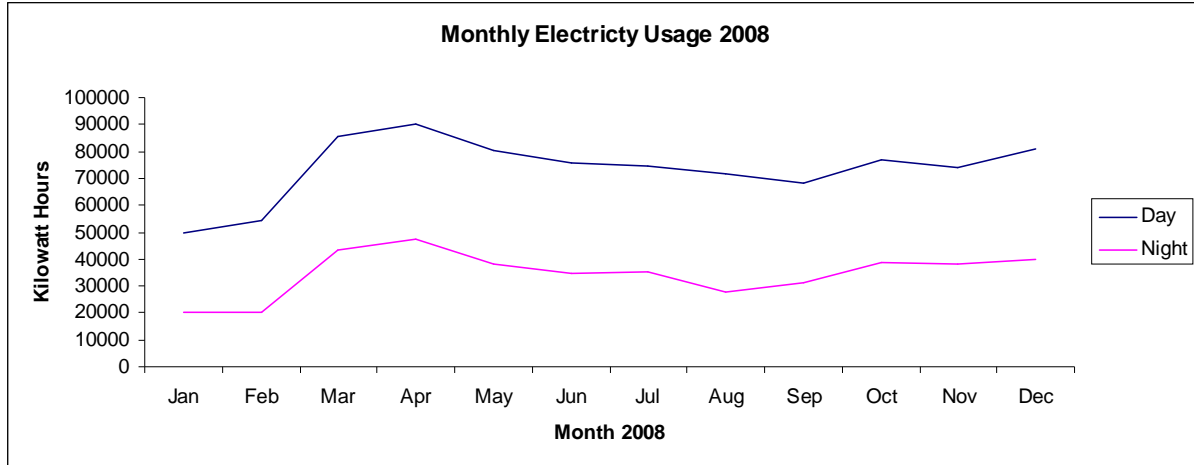
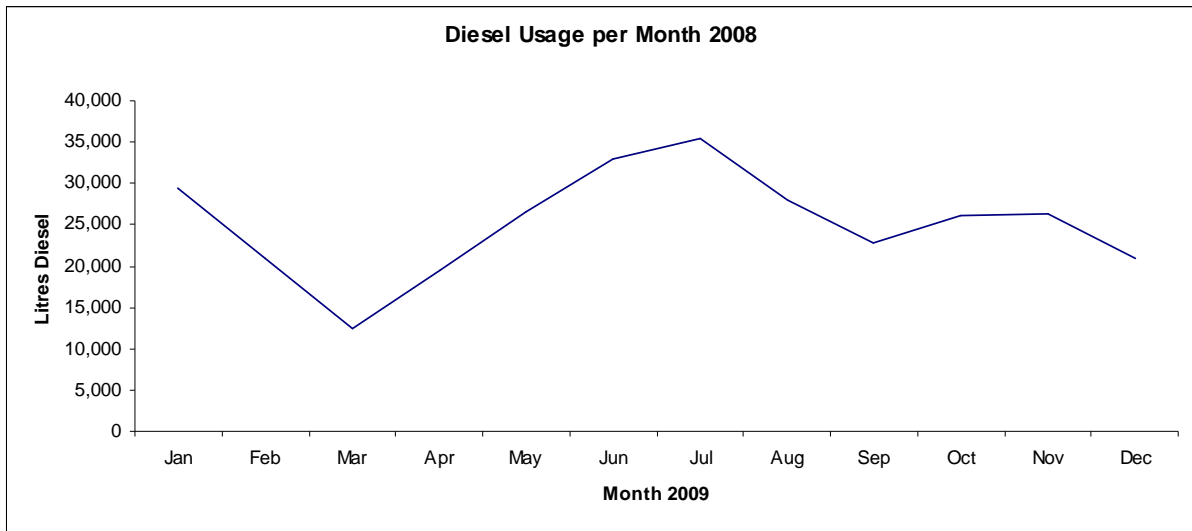


Table 7.2 Summary table of Diesel (litres) usage for the reporting period

Usage/Month	Litres Used	Tonne Processed
Jan	29,492	8538.41
Feb	21,000	10648.22
Mar	12,390	12633.99
Apr	19,582	15109.52
May	26,463	14872.83
Jun	32,928	13374.04
Jul	35,399	15522.48
Aug	28,000	13956.25
Sep	22,805	15131.89
Oct	26,124	14645.76
Nov	26,398	12559.92
Dec	21,000	13920.19
Total	301,581	160913.5

Figure 7.1 Graph showing machine gas oil usage for reporting period



8 ENERGY EFFICIENCY AND AUDIT REPORT SUMMARY

8 Energy Efficiency Audit Report Summary

The energy efficiency of the facility is illustrated in the graphs below. Diesel and electricity usage per tonne of material processed for the reporting period are shown.

Oxigen are committed to reducing the energy usage per tonne. This will be achieved through:

- Continually Increasing staff awareness of energy efficiency.
- Continually Increasing the efficiency of the processing equipment and machines through a programme of preventative maintenance and the introduction of improved technology.

Figure 8 Graph showing diesel usage per tonne for reporting period

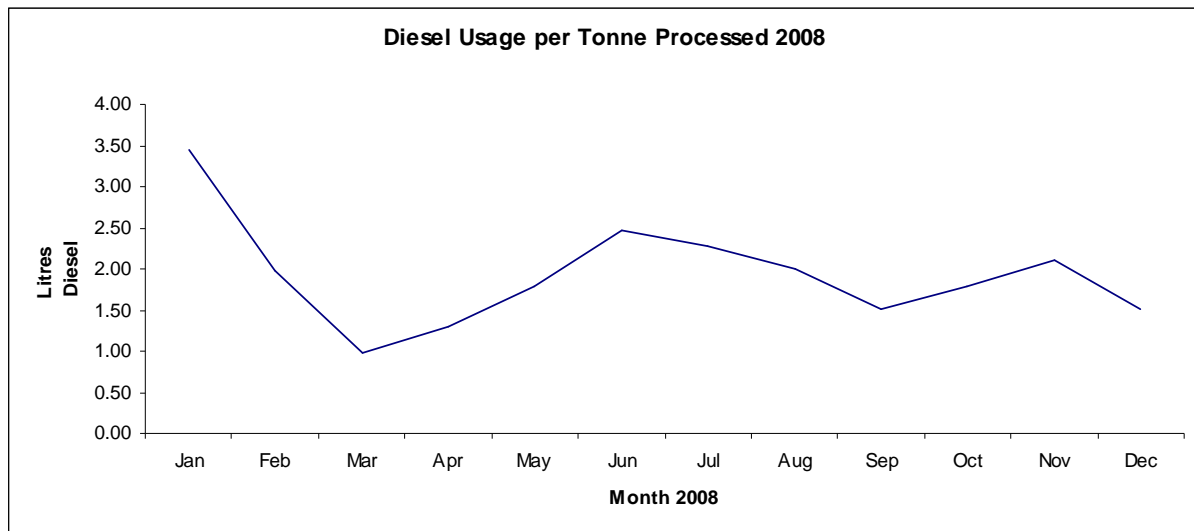
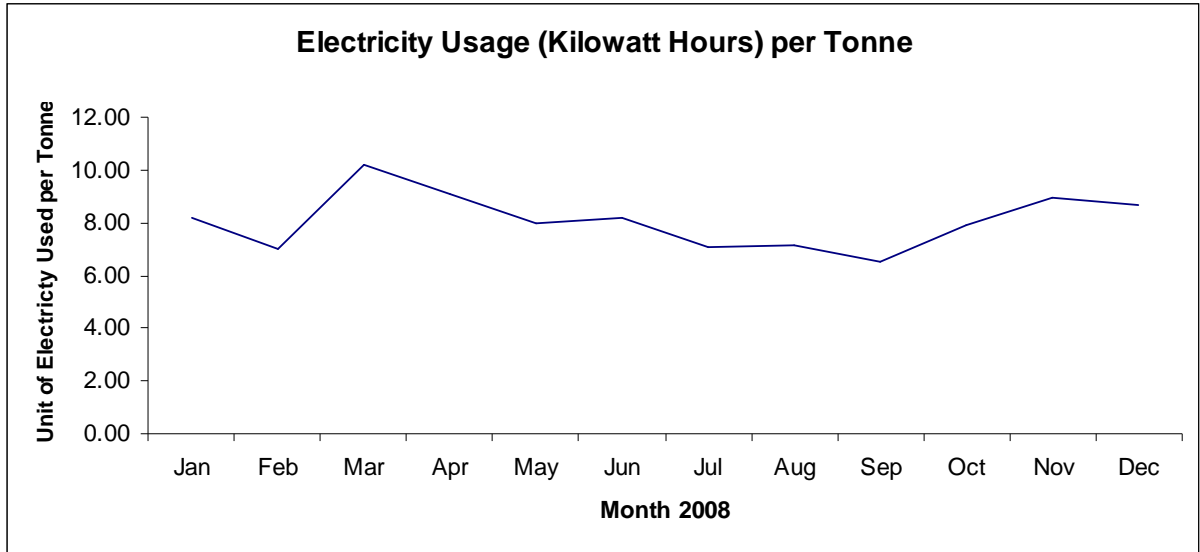


Figure 8.1 Graph Showing Electricity Usage Per Tonne for the Reporting Period



9 Complaints summary.

There were three complaints received at the facility in 2008, both were received by the Agency.

Table 9 Complaints 2008

02/02/08	CAT RENTAL <i>Fax from Agency</i>	FLIES	COMPLAINANT CONTACTED. COMPLAINT INVESTIGATED WITH NO INFESTATION FOUND - ROUTINE PEST CONTROL MEASURES INCREASED AS PREVENTION MEASURE. DETAILS SUBMITTED TO THE AGENCY (REF.0707008GF)
07/07/08	HARLEY DAVIDSON MOTORCYCLES <i>Fax from Agency</i>	FLIES	AS ABOVE HARLEY DAVIDSON FACTORY OPERATES DIRECTLY BACKING ONTO A DIFFERENT WASTE FACILITY AS STATED IN THE COMPLAINT AS A POTENTIAL SOURCE. DETAILS SUBMITTED TO THE AGENCY (REF.100708GF)
05/08/08	HARLEY DAVIDSON MOTORCYCLES AND FUJITSU SIEMENS <i>Fax from Agency</i>	FLIES	COMPLAINT WAS UNCLEAR AS TO WHICH FACILITY IT RELATED TO AS IT CAME FROM SOUTH DUBLIN COUNTY COUNCIL IN RELATION TO FLY ACTIVITY IN THE AREA. CLARIFICATION WAS SOUGHT. NO RESPONSE WAS RECEIVED. OXIGEN FACILITY WAS SPRAYED FOR PESTS ON 01/08/08 MAKING IT UNLIKELY TO BE THE SOURCE OF THE ISSUE. DETAILS SUBMITTED TO THE AGENCY (REF. 120808RG)

10 REPORTED INCIDENTS SUMMARY

10 Reported Incidents Summary

No environmental incidents took place at the facility during in 2008

**SCHEDULE OF ENVIRONMENTAL OBJECTIVES &
TARGETS**

11. Schedule of Environmental Objectives & Targets

Oxigen Environmental began operating under Licence 208-1 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 2008 and updated for 2009.

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.

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.

11.2.0 Objectives and Targets Outlined

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

Objectives and Targets that are not achieved within the designated time-scales set will be logged in the Corrective Action Log and tracked for progress toward compliance (ref. Non-conformance and corrective and preventive action). Oxigen Environmental Ltd Senior Management is committed to the achievement of designated Objectives and Targets by the provisions of funding for compliance and through the continued maintenance of ISO 14001 Environmental Management Standard.

Seven main objectives have been identified, and these are summarised in the tables below. Each objective has been subdivided into a number of targets through which progress in achieving each objective can be monitored.

A report summary on Objectives and targets outlined for 2008 can be seen in the Environmental Management Plan Report for 2008. Progress has been tracked and any outstanding objectives and targets not reached in 2008 will be monitored for progress and completion in 2009.

Table 11 *Summary of Objectives and Targets for W0208-01, 2009*

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 infeed and loading bags.

12 POLLUTION EMISSION REGISTER

12. Pollution Emission Register

EPRTR

All monitoring results relating to this facility have been recorded and summarised in the format provided for the combined AER and PRTR Reporting requirement. Please see attached. (Appendix 1)

13 DEVELOPMENT/INFRASTRUCTURAL WORKS SUMMARY FOR 2008/2009

13.1 2007 Development Works (Update end 2008)

Five Specified Engineering Works (SEW) were submitted to and approved by the Agency pertaining to construction work planned at the facility in 2007.

The first SEW submitted to and approved by the Agency was in relation to the development of the new dry recyclables facility on the portion of the site currently owned by Dublin City Council. Work on this project commenced in April 2007 and is now fully completed at end of 2008.

The second SEW approved by the Agency was in relation to the extension of the current processing building at the facility. Work on this project has been completed.

The third SEW was in relation to the construction of a truck wash on site. Work on this project was completed by mid 2008.

The Fourth SEW approved by the Agency was for a further extension to the processing building (building A). Work on this project is in the final stages of completion and awaiting approval from the Agency to commence accepting hazardous waste.

The Fifth SEW submitted to the Agency related to the transfer and installation of existing Dry Recycling Plant from Clonshaugh Depot to the Ballymount Depot. This project has been completed.

13.2 2008 Development works

A Specified Engineering Works proposal was submitted to the Agency on 10th April 2008 for the installation of a sweeper waste treatment system. This was approved by the Agency and work has been completed.

A Specified Engineering Works proposal was also submitted to the Agency on 5th September 2008 for the installation of a new bunded steel refuelling tank. This proposal was approved by the Agency, however work has not yet commenced.

In July 2008, Oxigen submitted its proposal for the installation and operation of a new C&D processing plant at the facility. This proposal was approved by the Agency and the installation of plant has been completed.

A technical amendment to W0208-01 was issued by the Agency with respect to shrinkage of the site boundary.

13.3 Proposed Development Works for 2009

There are currently no Specified Engineering Works proposed for 2009. As part of the objectives and targets for 2009, repair works will be carried out on the hard standing on the site in order to maintain groundwater protection, and new site signage will be erected. Commissioning of new C&D plant is currently taking place.

14 REPORTS ON FINANCIAL PROVISION MADE UNDER LICENCE W0208-01

14. Financial Provision

Oxigen are currently insured with an indemnity limit for pollution liability of €6.5 million. See Appendix 5 for details of insurance cover.

15 MANAGEMENT & STAFFING STRUCTURE OF THE FACILITY

16 CLOSURE & DECOMMISSIONING MANAGEMENT PLAN



Oxygen Environmental Ltd.
Merrywell Industrial Estate
Ballymount Road Lower
Ballymount
Dublin 22

Residuals Management Plan

In compliance with

Condition 10.2 of EPA Licence Register Number W0208-1

16.1. Introduction

There is no long or short term proposal to shut down or decommission any element of the waste transfer or recovery operation.

In the unlikely event that the facility has to close, the shut sown will be carried out in accordance with the measures set out in this Decommissioning Plan.

The decommissioning plan is based on the following: -

- A review of the types of activities carried out on the site, including waste handling and recovery operations.
- Identification of potential hazards, including an evaluation of the raw materials and waste products typically stored on site.
- Identification of control measures to prevent incidents.
- Identification of all items of plant and other materials, including buildings that may be decommissioned, rendered safe or removed from site for disposal or recovery in the event of closure of the facility.
- Identification of all possible on-site locations where cleaning, decontamination or remediation works may be required in the event of decommissioning to prevent environmental pollution.

16.2. Description of On-Site Activities

The waste transfer and processing facility is located at Merrywell Industrial Estate, Ballymount Road Lower, Ballymount , Dublin 22.

The facility is operated under Waste Licence Register no. W0108-01.

16.2.1 Site Operations

The principal activity of the facility is the recovery of source segregated and mixed dry recyclable materials from waste sources such as municipal, industrial, commercial, construction and demolition and commercial.

On –site operations include segregation of waste, baling of waste paper, cardboard and metal, separation of road sweepings, waste storage and transfer into vehicles for removal off-site.

The following waste types are accepted at the facility: dry recyclable household waste, commercial waste, industrial waste and construction and demolition waste. Putrescible waste is not currently accepted at the facility.

At present approximately 100,000 tonnes of waste are accepted at the facility. It is envisaged that the waste inputs will increase over the lifetime of the facility to a maximum annual throughout of approximately 350, 000 tonnes of material, not to exceed the maximum allowable limits set out in Schedule A.2 of licence no. W0208-01 for any particular waste type.

16.3. Scope of the Decommissioning Plan

16.3.1 Scope of the Plan

The plan sets out the actions to be taken by Oxigen Environmental Ltd. in the unlikely event of facility shut down, or a planned cessation for a period of greater than six months of all or part of the site involved in the licensed activity.

Should either of the above conditions occur, Oxigen Environmental Ltd. will decommission, render safe or remove for disposal/recovery, all materials, waste, ground, plant and equipment that may result in environmental pollution. This plan will be reviewed annually by Oxigen Environmental Ltd.

The methodology used to determine the areas that must be addressed by the plan is outlined in Section 4.

16.3.2 Criteria Which Determines Successful Implementation

Successful decommissioning will only be complete when all buildings, equipment, materials, wastes or any other materials, which could result in environmental pollution, are removed from the site and recycled, recovered or disposed of in accordance with all regulations in force at the time. The programme to achieve the criteria set out in the plan is outlined in Section 5.

16.4. Areas Addressed by the Plan

16.4.1 Materials

It is anticipated that any shutdown of all or part of the site operations would be preceded by a scaling down of activities therefore further reducing the quantities of materials, particularly waste loads to be dealt with.

It may be possible to return some materials to the suppliers e.g. diesel to the suppliers for re-sale/re-use. The remaining materials may have to be disposed of as waste, some of which may be deemed hazardous waste due to their composition. Such materials will be disposed of off-site in accordance with appropriate waste management regulatory requirements and facility waste management procedures.

16.4.2 Equipment and Process

The main pieces of plant will include operational material such as trammels, material specific screens, conveyor belts and balers.

Some of the equipment would be suitable for use in other similar facilities. All of the items of plant, which would be required to be disposed of would be emptied, decommissioned and decontaminated prior to removal off-site.

16.4.3 Environmental Monitoring Results and Reports

Environmental monitoring will be carried out in accordance with the conditions set out in licence no. W0208-01 and will include routine monitoring of emissions to surface water and air. The monitoring programmes will be designed to identify any impact associated with the operation of the facility so as to allow effective remedial action and prevent or minimize environmental pollution.

16.4.4 Environmental Incidents

The site will be designed to minimize the impact of any environmental incident that may arise e.g. spills/leaks of fuel. Any environmental incidents that do occur will be thoroughly investigated and where necessary remedial measures will be implemented.

A detailed review of all historic incidents will be completed as part of the decommissioning plan to assess the potential for residual soil contamination arising from such incidents.

16.5. Implementation Programme

16.5.1 Consumable Materials

All materials and wastes will be stored in the designated contained areas. In the event of closure materials and waste will be removed from site for disposal or recovery or returned to the supplier. All wastes will be removed for recovery/treatment/disposal at a licensed waste management facility.

Fuels stored on site will include road diesel, marked gas oil, central heating oil and maintenance oils. The quantities of each type of fuel will be reduced as any shutdown of all or part of the facility will be preceded by a scaling down of activities that would allow a stage reduction in inventory. It is anticipated that the bulk of the fuel stored on site could be returned to suppliers in the event of plant shutdown.

16.5.2 Equipment and Process Materials

In the event of activation of the plan, the remaining equipment will be either sold for operational use or scrap at an approved waste disposal/recovery facility.

At the time of preparation of this plan it is not possible to accurately quantify every item of equipment that would be suitable for resale as this would be dependent on current operational and market needs at the time of execution of the plan.

Oxygen Environmental Ltd. will seek approval from the agency for any cleaning procedures and monitoring requirements to be employed during the implementation of the plan.

It is anticipated that the cleaning of the majority of the plant and equipment can be carried out on-site and will primarily involve power washing. The de-contamination will only be carried out in areas where the wash water can be collected and directed to the foul sewer drainage infrastructure.

16.5.3 Environmental Incidents

Any incidents that occur will be dealt with in accordance with the conditions of the Licence and the requirements of the Agency.

16.6. Test Programme & Validation Report

16.6.1 Test Programme

The monitoring and reporting requirements, which are set out in Licence No. W0208-01 will be complied with until the licence is surrendered to the Agency. The monitoring will identify, if any environmental pollution has occurred during the lifetime of the waste licence. If the monitoring programme or the investigation of any future environmental incident identifies that any such contamination has occurred, a test programme will be set up to identify the nature and scale of any associated environmental pollution.

16.6.2 Validation Report

Following implementation of the plan, Oxigen environmental Ltd. will produce a validation report that demonstrates its successful implementation. This report will confirm that there is no continuing risk of environmental pollution from the site.

This report shall address:

1. Disposal of Raw Materials
2. Disposal of Wastes
3. Decommissioning of Plant and Equipment
4. Disposal of Obsolete Equipment
5. Results of Monitoring and Testing
6. The need for Ongoing Monitoring or Investigations

This report will be submitted to the Agency within three months of execution of the plan

16.7 Financial Provisions

It can be estimated that the entire decommissioning of plant and equipment, removal/disposal of materials, testing to evaluate the successful implementation of the plan and preparation of a final validation report to complete the Decommissioning Plan can be done for the sum of €350K which will be available from cash flow.

This sum includes for the following:-

1. Disposal of consumable materials
2. Disposal of on-site waste (maximum volume 1000 tonnes recyclable and 500 tonnes hazardous waste (both quarantine and transfer building))
3. Cleaning of items of plant and equipment
4. Decommissioning of plant and equipment
5. Disposal of obsolete equipment

6. Monitoring and testing to ensure compliance with Licence conditions
7. Preparation of reports

The above figure is based on current disposal costs and waste quantities that would be generated in the event of activation of this plan. It will be possible to recuperate some of the costs through the sale of equipment and plant.

17 ENVIRONMENTAL MANAGEMENT PROGRAMME

17.1 Environmental Management Programme – report for previous year.

A summary report on the EMP set out for 2007 is outlined below in the AER for 2008.

Objectives and Targets Schedule for 2008 (set out as part of AER 2007)

Objective	Description	Target
1	Improvement of yard infrastructure.	1.1 Install silt Trap and interceptor on surface water drain 1.2 Improve C&D Recycling Plant 1.3 Install Truck Wash
2	To increase recycling figures	2.1 C&D 2.2 Bulky Skip Waste 2.3 Packaging
3	Training	3.1 Continue Training Programme
4	Continually improve the EMS	4.1 Review on an annual basis
5	Improved quality	5.1 Develop quality oriented processing 5.2 Use of better technologies 5.3 Stricter standards
6	Cleaner technology	6.1 Cleaner technology & cleaner production systems
7	Energy Efficiency	7.1 Conduct an energy audit & improve efficiency 7.2 Improve energy efficiency rates in the processing shed

OBJECTIVE 1: IMPROVE YARD INFRASTRUCTURE

Target 1.1: Install Interceptor/Silt Traps	
Relationship to Objectives and Targets:	Install interceptor/silt traps
Reason:	To minimise risk of emissions to foul and surface water
Target:	Completion Date: 31 st May 2008
<i>Project Summary</i> COMPLETE by 17th August 2008	
Task 1 - Evaluate what is required and what is available on the market - Complete Task 2 – Construction	
Designation of Responsibility	The Facility Manager is responsible for the implementation and completion of the project.

Target 1.2: Improve C&D Recycling Plant	
Relationship to Objectives and Targets:	Upgrade C&D Recycling Plant
Reason:	To increase recycling rates from C&D and Bulky material and improve quality of end product
Target:	Completion Date: December 2008
<i>Project Summary</i> COMPLETE	
Task 1 - Evaluate what is required, apply for SEW Task 2 – Construction	
Designation of Responsibility	The Facility Manager is responsible for the implementation and completion of the project.

Target 1.3: To construct a truck-wash	
Relationship to Objectives and Targets:	To construct a truck washing facility on site at Ballymount
Reason:	To allow Oxigen Environmental to keep the fleet in good condition.
Target:	Task Completion Date: May 2008
<i>Project Summary - Ongoing from 2007 - COMPLETE</i>	
Task 1- Consult, design specification by end January 2007 - COMPLETED	
Task 2 – Seek approval from the Agency - COMPLETED Contract a builder to construct	
Designation of Responsibility	The Project Manager is responsible for the implementation and completion of the project.

OBJECTIVE 2: INCREASE RECYCLING FIGURES

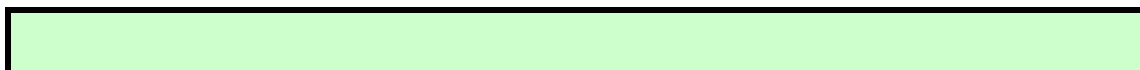
Target 2.1: Upgrade of Waste Processing Equipment	
Relationship Objectives and Targets:	To facilitate the increased recovery rates in line with national and EU targets and improved quality of processed material on site
Reason:	Increased processing and recovery of waste and to achieve targets as outlined. To increase energy efficiency.
Target:	Reduce tonnage to landfill by 5% (to 24%) by December 2008
<p><i>Project Summary –Residue Landfilled: 20% Landfilled, 80% Recycling and Recovery</i></p> <p>COMPLETE</p>	
<p>Task 1 – Upgrade C& D Recovery Plant Task Completion Date: End December 2008 -COMPLETE</p>	
<p>Task 2 – Implementation of new sweeper and gully waste treatment system Task Completion Date: End September 2008 -COMPLETE</p>	
Designation of Responsibility	The Facility/Processing Manager is responsible for the implementation and completion of the project.

Target 2.2: Achieve Annual Recycling Targets	
Relationship Objectives and Targets:	Increased recycling rates on site in line with national and EU targets.
Reason:	To allow the company and customers to comply with existing and new legislation and policy documents in relation to recovery of waste, to reduce landfill and to increase recovery of material.
Target:	Completion Date 31/12/08
<i>Project Summary</i> COMPLETE	
<p>Task 1- Achieve annual recycling rates as follows:</p> <p>Recovery Rates for 2006</p> <p>50% of packaging waste 75% of C&D waste 30% of Bulky Skip Waste</p> <p>Recovery Rates for 2007</p> <p>75% of packaging waste - COMPLETED 70% of C&D waste - COMPLETED 40% of Bulky Skip Waste – COMPLETED</p> <p>Recovery Rates for 2008</p> <p>80% Packaging Waste - COMPLETED 76% of C&D Waste - COMPLETED 50 % of Bulky Skip Waste - COMPLETED</p> <p>Oxigen intend to improve current recovery rates through improved equipment and staff training.</p>	

OBJECTIVE 3: TRAINING

Target 3.1: Training of all relevant personnel in environmental issues on site	
Relationship to Objectives and Targets:	Compliance with waste license W0208-01.
Reason:	To ensure that Oxigen Environmental are working to the best of their ability to operate with minimum environmental impact.
Target:	Commence Immediately
<i>Project Summary – COMPLETED & ONGOING</i>	
Task 1 -Carry out in-house training relating to the conditions of EPA Licence W0208-1. – COMPLETE & ONGOING Task Completion Date: July 2008 for Second phase of training COMPLETE (Fás Waste Management Course)	
Task 2 – Contract training company to instruct all relevant staff in the use of spill kits. – INCOMPLETED Task Completion Date: July 2008	
Designation of Responsibility:	The Health and Safety Manager and Facility Manager are responsible for the implementation and completion of the project.

Target 3.2: Provide Awareness and Training Program for All Relevant Staff	
Relationship to Objectives and Targets:	Compliance with waste license W0208-01.
Reason:	To ensure that Oxigen Environmental is working to the best of it's ability to operate with minimum environmental impact.
Target:	July 2008
<i>Project Summary – ONGOING</i>	
Task 1 - Key areas of responsibility to be identified and training programmes drawn up for all relevant staff e.g. supervisors, operatives and drivers. Task Completion Date: March 2008	
Task 2 – Implementation of training programmes	
Designation of Responsibility:	The Health and Safety Manager and Facility Manager are responsible for the implementation and completion of the project.



**OBJECTIVE 4: IMPROVE & UPDATE ENVIRONMENTAL
MANAGEMENT SYSTEM**

Target 4.1: Continually Improve EMS	
Relationship Objectives and Targets:	Compliance with waste license W0208-01.
Reason:	To ensure that Oxigen Environmental are working to the best of their ability to operate with minimum environmental impact
Target:	Review Annually
<i>Project Summary - COMPLETE – Upgraded by end 2008 to meet ISO 14001 Standard</i>	
Task Completion Date: Ongoing	
Designation of Responsibility:	The Environmental Manager is responsible for the implementation and completion of the project.

OBJECTIVE 5 : IMPROVE QUALITY

Target 5.1 Quality Oriented Processing	
Relationship Objectives and Targets:	Build upon quality oriented processing methods
Reason:	To improve quality of end materials To increase outlets for materials
Target:	Completion Date: ongoing
<i>Project Summary</i> COMPLETE and ONGOING	
Task 1 - Training – New Training Schedule - COMPLETE	
Task 2 – Improve working systems – ISO 14001 - COMPLETE	
Designation of Responsibility:	The Processing Manager is responsible for the implementation and completion of the project.

Target 5.2 Use of Better Technologies	
Relationship Objectives and Targets:	Improve quality
Reason:	To improve quality of materials, reduce maintenance with improved machinery & maintenance schedules Insist on Environmentally sound suppliers
Target:	Task Completion Date: December 2008
<i>Project Summary</i> COMPLETE	
Task 1 - Preventative maintenance programme	
Task 2 – New technology	
Designation of Responsibility:	The Processing Manager is responsible for the implementation and completion of the project.

OBJECTIVE 6: ENERGY EFFICIENCY

Objective 6: Energy Efficiency	
Relationship to Objectives and Targets:	To achieve increased energy efficiency per ton of waste recovered.
Reason:	Achieve a balance between waste recovery rates and the energy required to achieve those recovery rates
Target:	A 5% reduction in the energy consumption / ton of waste recovered from 2007 figures by 31/12/08 to be reviewed 31/12/08
<i>Project Summary</i> INCOMPLETE. To be carried into 2009 as new plant is commissioned	
Target 1 - Conduct energy audit when new equipment has been installed. Task Completion Date December 2008 - Incomplete	
Target 2 - Energy audit balanced against recovery rates. Task completion date December 2008 - Incomplete	
Designation of Responsibility:	The Facility Manager and Processing Manager are responsible for the implementation and completion of the project.

Objective 6: Energy Efficiency	
Relationship to	To achieve increased energy efficiency in the office building

Objectives and Targets:	
Reason:	Achieve a reduced energy usage
Target:	A 10% reduction in the energy consumption. To obtain heat from a renewable resource and to increase energy efficiency – Ongoing
<i>Project Summary</i> INCOMPLETE – to be carried into 2009	
Target 6.1 - Conduct an energy audit. Task Completion December 2008	
Target 6.2 – To reduce the amount of energy used & to obtain the energy from a renewable source.. Task completion date December 2008	
Designation of Responsibility:	The Facility Manager is responsible for the implementation and completion of the project.

17.1 Environmental Management Programme – Proposal for 2009.

A summary report on the Objectives and Targets set out for 2009 is outlined below.

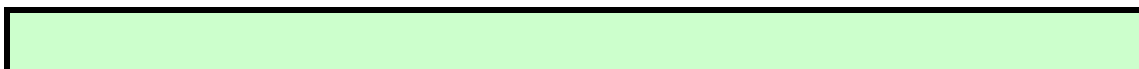
Waste Licence Register No. W0208-01 2008 Annual Environmental Report, March 2009

Objective	Description	Target
1	Reduction of tonnage to landfill to 18% from 20% in 2008	1.3 Commission new C&D plant. 1.4 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 2 probes in Dry recycling shed for application of organic insecticides over infeed and loading bags. In response to fly infestation of summer 2008.

**OBJECTIVE 1: REDUCTION OF TONNAGE TO LANDFILL TO 18%
FROM 20% IN 2008**

Target 1.1: Commission new C&D plant.	
Relationship to Objectives and Targets:	Commission new C&D plant at the Ballymount Facility.
Reason:	To improve quality of materials recovered from C&D waste and divert a higher quantity of material from landfill.
Target:	28 th February 2009
<i>24.1 Project Summary</i>	
Task 1- Research, evaluate and resource the materials and skills necessary. Apply for permission.	
Task 2 – Construction	
Designation of Responsibility	The Facility Manager and Group Processing Manager is responsible for the implementation and completion of the project.

Target 1.2: Install windshifter	
Relationship to Objectives and Targets:	Install windshifter in the Dry recyclable plant.
Reason:	To Improve the quality of segregated materials. To increase the volume of recyclable material and reduce the volume of waste being sent to landfill.
Target:	31 st March 2009
<i>24.2 Project Summary March 31st 2009 - COMPLETE</i>	
Task 1- Evaluate, research and resource what is required, apply for permission	
Task 2 – Installation	
Designation of Responsibility	The Facility Manager is responsible for the implementation and completion of the project.



OBJECTIVE 2: TRAINING

Target 2.1: W.A.M.I.T.A.B	
Relationship Objectives and Targets:	To receive the W.A.M.I.T.A.B certificate.
Reason:	To improve and enhance environmental competency within Oxygen Environmental.
Target:	End May 2009
<i>24.3 Project Summary as of March 31st 2009 – Certification Assessment scheduled for 20th April</i>	
Task 1 – To research the requirements and level of training of the W.A.M.I.T.A.B standard.	
Task 2 – Achieve the requirement and receive the W.A.M.I.T.A.B certificate for Bernard McMahon and Gillian Free	
Designation of Responsibility	The Group Environmental Manager is responsible for the implementation and completion of the project with certificate achievement by Facility Manager and Environmental Manager

Target 2.2: On site training in use of spill kits	
Relationship Objectives and Targets:	To provide training in the use of spill kits.
Reason:	To prevent the risk of environmental pollution and risk to human health and safety.
Target:	May 30th 2009
<i>Project Summary March 31st 2009 – Training Sourced and quotes received to date</i>	
Task 1 - Research and resource the equipment and training required.	
Task 2 - Commence the training program	
Designation of Responsibility	Environmental Manager is responsible for the implementation and completion of the project

Target 2.3: Continued environmental and individual training programs	
Relationship Objectives and Targets:	Continued environmental training as per training schedule and individual training programs as per new Environmental Training Procedure
Reason:	To build upon previous environmental training, encourage the use of best environmental practices and ensure that oxygen Environmental is working to the best of it's ability with minimum environmental impact.
Target:	April 2009 – Review completed training and Commence planned scheduled training
<i>Project Summary March 31st 2009 – Training Schedule complete training ready to commence</i>	
Task 1- Research, resource and evaluative the training required.	
Task 2- Commence the training programmes as per training schedule	
Designation of Responsibility	The Environmental Manager is responsible for the implementation and completion of the project

OBJECTIVE 3: SITE UPGRADE

Target 3.1: Assess and Upgrade Concrete Hardstand	
Relationship to Objectives and Targets:	Assess and upgrade concrete hardstand schedule for submission to EPA.
Reason:	Upgrading the hardstand to a better quality provides a better and safer surface to work and drive upon while helping to prevent environmental pollution from runoff to surface water.
Target:	March 10 th 2009 –Assess End July 2009 Completion of works
<i>Project Summary March 31st 2009 – WORKS COMMENCED</i>	
Task 1- Carry out an assessment and evaluation of the resources and materials needed for the works in question.	
Task 2 – Repair and upgrading of hardstand	
Designation of Responsibility:	The Health and Safety Manager and Facility Manager are responsible for the implementation and completion of the project.

Target 3.2: Screen Site	
Relationship to Objectives and Targets:	To screen site
Reason:	To increase site security, to create a sound buffer and to reduce the visual impact of the facility in the surrounding landscape.
Target:	Assess and evaluate make decision and financial sign off by end April 2009 Completion date of December 2009
<i>Project Summary March 31st 2009 - ONGOING</i>	
Task 1- Evaluate and research the type of screen/screens needed. Assess the site with regard to landscape design and visual impact.	
Task 2 – Erect screens and buffers	
Designation of Responsibility:	The Projects Manager and Facility Manager are responsible for the implementation and completion of the project.

Target 3.3 Signage on Site	
Relationship to Objectives and Targets:	To erect signage on site
Reason:	To indicate clearly the various areas, materials and waste types in the facility. This prevents risk to human health, and reduces the risk of commingling waste.
Target:	Assessment by end April 2009 Completion by end May 2009
<i>Project Summary March 31st 2009 - ONGOING</i>	
Task 1- Assess and evaluate resources needed	
Task 2 – Construct and erect signage.	
Designation of Responsibility:	The Health and Safety Manager, Environmental Manager and Facility Manager are responsible for the implementation and completion of the project.

OBJECTIVE 4 – SITE SECURITY PROGRAMME

Target 4.1: Install CCTV	
Relationship to Objectives and Targets:	Install CCTV on site.
Reason:	To increase site security, reducing risk of breaking and entering and consequently reducing the risk of accidents on site.
Target:	Installation by end August 2009
<i>Project Summary March 31st 2009 – CCTV INSTALLATION COMMENCED</i>	
Task 1- Research and resource equipment needed. Asses location points on site.	
Task 2 – Installation of CCTV	
Designation of Responsibility:	Facility Manager is responsible for the implementation and completion of the project.

Target 4.2: Upgrade Site Fencing	
Relationship to Objectives and Targets:	Upgrade site fencing
Reason:	To increase site security, reducing risk of breaking and entering and consequently reducing the risk of accidents on site.
Target:	June 30 th 2009
<i>Project Summary March 31st 2009 – ONGOING</i>	
Task 1- Research the resources and material needed. Assess site and determine fencing layout.	
Task 2 – Erect site fencing	
Designation of Responsibility:	Facility Manager and Project Manager are responsible for the implementation and completion of the project.

OBJECTIVE 5 : NEW PEST CONTROL SYSTEM

Target 5.1 Pest Control	
Relationship to Objectives and Targets:	Install 2 probes in Dry recycling shed for application of organic insecticides over infeed and loading bags. In response to fly infestation of summer 2008.
Reason:	To control pests on site and reduce the risk of fly infestation.
Target:	install probes by May 2009
<i>Project Summary March 31st 2009 – ELECTRICAL PHASE COMPLETE</i>	
Task 1- Research pest control types and evaluate what is needed - ONGOING	
Task 2 – Probe installation - COMMENCED	
Designation of Responsibility:	The Facility Manager is responsible for the implementation and completion of the project.

