

Waste Licensing

Waste Recovery/Disposal Activities (other than landfill)

Application Form

EPA Ref. N ^o : <i>(Office use only)</i>	208-1
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This document does not purport to be and should not be considered a legal interpretation of the provisions and requirements of the Waste Management Act, 1996.

Environmental Protection Agency
P.O. Box 3000, Johnstown Castle, County Wexford
Telephone: 053-60600 Fax: 053-60699



Environmental Protection Agency

Application for a Waste Licence

WASTE MANAGEMENT ACT, 1996

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INTRODUCTION

A valid application must contain the information prescribed in the Waste Management (Licensing) Regulations 1997 i.e. S.I. No. 133 of 1997 as amended by S.I. No. 162 of 1998 (hereafter referred to as 'the Regulations'. The application should conform to the format set out in this application form and the *Guidance Note*. Each page of the completed application form must be numbered, e.g. *page 5 of 45*, etc. Also duplicated pages from the application form should be uniquely numbered, e.g., page 5(i) of 45, etc. **Wherever possible, information should be supplied in the spaces given in application form. Additional information can be included in clearly identifiable, numbered attachments, which should be cross referenced with the relevant sections in the application form. A contents list should be included with each volume.** The applicant should refer to the *Guidance Note* in order to ensure that the application includes all the information required. Consistent measurement units must be used throughout.

It should be noted that it will not be possible to process or determine the application until the required documents have been provided in sufficient detail and to a satisfactory standard.

All questions must be answered. No waste management facility is exactly the same and hence each application will require different information. It is therefore possible that some of the sections of this application form may not be relevant to the activity concerned. **Where information is requested in the application form which is not relevant to the application, the words "not applicable" should be clearly written on the form. The abbreviation "N/A" should not be used.**

Additional information may need to be submitted beyond that which is explicitly requested on this form. Any references made should be supported by a bibliography. The Agency may request further information if it considers that its provision is material to the assessment of the application. Advice should be sought from the Agency where there is doubt about the type of information required or the level of detail.

Information supplied in this application, including supporting documentation will be put on public display and be open to inspection by any person. **Should the applicant consider information to be confidential, then the nature of this information, and the reasons why it is considered confidential should be clearly stated in an attachment to the Application Form. The information should be submitted in a separate enclosure bearing the legend "In the event that this information is deemed not to be held as confidential, it must be returned to (representative of the applicant)".**



Applicants should also note much of the information supplied on the application form may, if a waste licence is granted, form part of the licence. **Accordingly, applicants should be aware that they may be required to comply with any written statement or drawing they supply in the application.**

Applicants should be aware that a contravention of the conditions of a waste licence is an offence under s39 of the Waste Management Act 1996 as amended under S.I. No. 166 of 1998.

The provision of information in an application for a waste licence which is false or misleading is an offence under s45 of the 1996 Act as amended by S.I. No. 166 of 1998 and S.I. No 146 of 1998 (hereafter referred to as 'the Act').

Note: Drawings. The following guidelines are included to assist applicants:

- *All drawings submitted should be titled and dated.*
- *They should have a unique reference number and should be signed by a clearly identifiable person.*
- *They should indicate a scale and, if appropriate, the direction of north.*
- *All drawings should, generally, be to a scale of between 1:20 to 1:500, depending upon the degree of detail needed to be shown and the size of the facility. Drawings delineating the boundary can be to a smaller scale of up between 1:1000 to 1:10560, but must clearly and accurately present the required level of detail. Drawings showing the site location can be to a scale of between 1:50 000 to 1:126 720. Provide legends on all drawings and maps as appropriate.*
- *All drawings referred to by the applicant should be submitted as a bound set and referred to throughout the application.*



A. NON-TECHNICAL SUMMARY

A Non-Technical Summary is to be submitted. The summary should include information on those aspects outlined in the *Guidance Note* and must comply with the requirements of Article 12 (1) (q) of the licensing regulations, S.I. 133 as amended.

The Non-Technical Summary should form **Attachment A.1**.

Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>
Article 12 (1) (q) of S.I. 133 1997 complied with	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>

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B. GENERAL

B.1 Applicant's Details

Name*: Oxigen Environmental Ltd.
Address: Unit D
 Westland Park
 Willow Road
 Clondalkin, Dublin 12
Tel: 01-4659868
Fax: 01-4290033

* This should be the name of the applicant which is current on the date this Waste Licence Application is lodged with the Agency.

Name and Address for Correspondence (it must be noted that all correspondence or communications will be conducted through the correspondence name and address provided. Only application documentation submitted by the applicant and by the nominated person will be deemed to have come from the applicant.)

Name: Oxigen Environmental Ltd.
Address: Unit D
 Westland Park
 Willow Road
 Clondalkin, Dublin 12
Tel: 01-4659868
Fax: 01-4290033

Address of registered or principal office of Body Corporate (if applicable)

Address: 14 The Crescent
 Dundalk
 Co. Louth
Tel: 042 9330789
Fax: 042 9330730

If the applicant is a body corporate, the following information must be attached as **Attachment B1:**

- a) a Certified Copy of the Certificate of Incorporation or Memorandum and Article of Association;
- b) the Company's Registration Number from the Companies Registry Office; and
- c) a list of the Company Directors.

State the interest of the applicant in the land which is subject to the application. The applicant is (please check):

Landowner	<input type="checkbox"/>
Lessee	<input type="checkbox"/>
Prospective Purchaser	<input type="checkbox"/>
Other (please specify)	see attachment

Name and address of all occupiers of the land on which the Activity is situated (if different from applicant named above).

Name: Dublin City Council
Address: Civic Offices
 Wood Quay
 Dublin 8

Tel: 01-6722222
Fax: 01-6798159

Name: Oxigen Environmental Ltd.
Address: Unit D
 Westland Park
 Willow Road
 Clondalkin, Dublin 12
Tel: 01-4659868
Fax: 01-4290033

Name and address of the current* owner(s) and lessees of the land, buildings and ancillary plant on which the activity is or will be situated (if different from applicant named above). A drawing showing the above details should



be included.

Name: _____

Address: _____

Tel: _____

Fax: _____

Name: _____

Address: _____

Tel: _____

Fax: _____

Name: _____

Address: _____

Tel: _____

Fax: _____

Name: _____

Address: _____

Tel: _____

Fax: _____

Name: _____

Address: _____

Tel: _____

Fax: _____

*Current at the time the application is submitted

B.2 Location of Activity

Name: Oxygen Environmental Ltd

Address*: Ballymount Road Lower

Clondalkin

Dublin 22

Tel: 01-4659868

Fax: 01-4290033

* Include any townland

National Grid Reference (8 digit 4E,4N)	E309627 N230736
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A Site Plan must be provided. It should be noted that the Site Plan will legally define the area to which the waste licence will relate. Waste disposal operations by the applicant outside the area of the licence will be an offence under s39 of the Waste Management Act 1996. Accordingly, it is vital that the boundary of the activity is clearly marked and identified.

Original maps of the relevant area, such as maps from the Ordnance Discovery Series, from which the site grid reference can be read and confirmed, must be included in Attachment B.2.

The applicant should tick the appropriate box below to identify whether the activity is located within the Shannon Free Airport Development Company (SFADCo.) area.

Within SFADCo. Area	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
---------------------	------------------------------	--

B.3 Planning Authority

Give the name of the planning authority in whose functional area the activity is or will be carried out.

Name: South Dublin County Council

Address: County Hall

Tallaght

Dublin 24

Tel: 01-4149000

Fax: 01-4149111



Has the Planning Authority received written notification from the applicant of the application to The Environmental Protection Agency for a Waste Licence under Article 9 of the Waste Management (Licensing) Regulations, 1997?

Planning Authority notified	Yes <input checked="" type="checkbox"/>
	No <input type="checkbox"/>

Planning Permission relating to this application:-

has been obtained	<input checked="" type="checkbox"/>
is being processed	<input type="checkbox"/>
is not yet applied for	<input type="checkbox"/>
is not required	<input type="checkbox"/>

Local Authority Planning File Reference N^o:	SD04A/0354
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Attachment B.3 should contain *all* current planning permissions, including a copy of *all* conditions. Copies of any EIS should also be enclosed. For existing activities, Attachment B.3 should also contain copies of all licences and permits in force at the time of submission. Where planning permission is not required for the development, provide reasons, relevant correspondence, etc.

B.4 Sanitary Authority

In the case of a discharge of any trade effluent or other matter (other than domestic sewage or storm water) to a sewer of a sanitary authority, give the name of the sanitary authority in which the sewer is vested or by which it is controlled and the waste water treatment plant (if any) to which the sewer discharges.

Name: South Dublin County Council

Address: County Hall
Tallaght
Dublin 24

Tel: 01-4149000

Fax: 01-4149111

Waste water treatment plant

Name: Ringsend Wastewater Treatment Plant

Address: C/o Dublin City Council,
Civic Offices,
Wood Quay
Dublin 8

Tel: 01-6722222

Fax: 01-6773612

In the case of a discharge of any trade effluent or other matter to a sewer not vested or controlled by a sanitary authority, give the name and address of the owner(s) of the sewer and the waste water treatment plant (if any) to which the sewer discharges.

Name: not applicable

Address:

Tel:

Fax:

Name:

Address:

Tel:

Fax:

Waste water treatment plant

Name: not applicable

Address:

The applicant must enclose, as Attachment B.4, a copy of any effluent discharge licence and/or agreement between the applicant and the body with responsibility for the sewer.



B.5 Notices and Advertisements

Articles 6 and 7 of the Waste Management (Licensing) Regulations 1997 as amended requires all applicants to advertise the application in a newspaper and by way of a site notice. See *Guidance Note*.

Attachment B.5 should contain a copy of the site notice and a drawing showing its location on site. **The original application must include the complete newspaper in which the advertisement was placed.** The relevant page of the newspaper containing the advertisement should be included with the five copies of the application. Where the Waste Management (Licensing) Regulations 1997 as amended require notice of the application to be given to the Planning Authority, a copy of this notice should also be included.

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B.6 Type of Activity

Specify the relevant activities in the Third Schedule or Fourth Schedule to the Waste Management Act 1996 as amended by S.I. No. 166 of 1998, to which the application relates (check the relevant box(es) and mark the principal activity with a 'P'). **Attachment B.6** should identify the principle activity and include a description of each of the other activities specified. **There can only be one principal activity.**

TABLE B.6 THIRD AND FOURTH SCHEDULES OF THE WASTE MANAGEMENT ACT 1996

Waste Management Act, 1996			
THIRD SCHEDULE Waste Disposal Activities		FOURTH SCHEDULE Waste Recovery Activities	
1. Deposit on, in or under land (including landfill).		1. Solvent reclamation or regeneration.	
2. Land treatment, including biodegradation of liquid or sludge discards in soils.		2. Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).	X
3. Deep injection of the soil, including injection of pumpable discards into wells, salt domes or naturally occurring repositories.		3. Recycling or reclamation of metals and metal compounds.	X
4. Surface impoundment, including placement of liquid or sludge discards into pits, ponds or lagoons.	X	4. Recycling or reclamation of other inorganic materials.	P
5. Specially engineered landfill, including placement into lined discrete cells which are capped and isolated from one another and the environment.		5. Regeneration of acids or bases.	
6. Biological 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 10. of this Schedule.		6. Recovery of components used for pollution abatement.	
7. Physico-chemical treatment not referred to elsewhere in this Schedule (including evaporation, drying and calcination) which results in final compounds or mixtures which are disposed of by means of any activity referred to in paragraphs 1. to 10. of this Schedule (including evaporation, drying and calcination).	X	7. Recovery of components from catalysts.	
8. Incineration on land or at sea.		8. Oil re-refining or other re-uses of oil.	
9. Permanent storage, including emplacement of containers in a mine.		9. Use of any waste principally as a fuel or other means to generate energy.	
10. Release of waste into a water body (including a seabed insertion).		10. The treatment of any waste on land with a consequential benefit for an agricultural activity or ecological system.	
11. Blending or mixture prior to submission to any activity referred to in a preceding paragraph of this Schedule.	X	11. Use of waste obtained from any activity referred to in a preceding paragraph of this Schedule.	X
12. Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule.	X	12. Exchange of waste for submission to any activity referred to in a preceding paragraph of this Schedule.	X
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.	X	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.	X



B.7 Fees

State each class of activity for which a fee is being submitted as per Part I of the Third Schedule of the Waste Management (Licensing) Regulations, S.I. No. 133 of 1997 as amended by S.I. No. 166 of 1998.

Fee (in €)	Waste Activity
10,000	Recovery of Waste
30,000	The disposal of hazardous waste

B.8 Quantity and Nature of Wastes

Provide the annual amount of waste accepted/to be accepted at the site. Additional information including the amounts of waste recovered and/or disposed of per annum since 1988 should be included in **Attachment B.8**. The tonnage per annum should be given of that expected for the life of the licence, with at least the next five years tonnages provided.

TABLE B.8.1 ANNUAL QUANTITIES AND NATURE OF WASTES

Year	Non-hazardous waste (tonnes per annum)	Hazardous waste (tonnes per annum)	Total annual quantity of waste (tonnes per annum)
At present (2004)	20,000	5	20,005
2005	200,000	10	200,010
2006	275,000	10,000	285,000
2007	310,000	20,000	330,000
2008	320,000	30,000	350,000
2009	320,000	30,000	350,000

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B.9 Major Industrial Hazard Regulations

State whether the activity consists of, comprises, or is for the purposes of, an industrial activity or isolated storage to which Regulations 12 to 18 of the European Communities (Major Accident Hazards of Certain Industrial Activities) Regulations, 1986 (S.I. No. 292 of 1986), as amended by the European Communities (Major Accident Hazards of Certain Industrial Activities) (Amendment) Regulations, 1989 (S.I. No. 194 of 1989) and the European Communities (Major Accident Hazards of Certain Industrial Activities) (Amendment) Regulations, 1992 (S.I. No. 21 of 1992) apply.

Regulations Apply	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
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If yes, **Attachment B.9** should include the relevant details. Supporting information, as well as copies of any Hazardous Operation Studies (HAZOP) carried out for the site, should also be included in the attachment.

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C. EXISTING ENVIRONMENT

Detailed information is required to enable the Agency to assess the current state of the environment.

This section requires the provision of information on the ambient environmental conditions at the site prior to the commencement of waste management activities or prior to an application for a licence being made for existing sites that do not have information on ambient conditions prior to commencement of waste management activities.

The information on the current state of the environment should be structured as provided for in this section. **Attachments C.1 to C.9** should include the relevant information. Further advice is given in the *Guidance Note*.

Where development is proposed to be carried out, being development which is of a class for the time being specified under article 24 of the Environmental Impact Assessment Regulations, the information on the state of the existing environment should be addressed in the EIS. In such cases, it will suffice for the purposes of this section to provide adequate cross-references to the relevant sections in the EIS.

Investigation, monitoring and testing results should be presented in the Standard Forms, where available, and included in the attachments.

C.1 Air

Attachment included	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	not applicable <input type="checkbox"/>
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Section 3.6 of EIS

C.2 Climate

Attachment included	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	not applicable <input type="checkbox"/>
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Section 3.9 of EIS

C.3 Cultural Heritage

Attachment included	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	not applicable <input type="checkbox"/>
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Section 3.11 of EIS



Ecology

Attachment included	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	not applicable <input type="checkbox"/>
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Section 3.2 of EIS

C.4 Human Beings

Attachment included	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	not applicable <input type="checkbox"/>
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Section 3.1 of EIS

C.5 Hydrogeology

Attachment included	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	not applicable <input type="checkbox"/>
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Section 3.5 of EIS

C.6 Landscape

Attachment included	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	not applicable <input type="checkbox"/>
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Section 3.10 of EIS

C.7 Noise

Attachment included	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	not applicable <input type="checkbox"/>
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Section 3.7 of EIS

C.8 Surface Water

Attachment included	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	not applicable <input type="checkbox"/>
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Section 3.4 of EIS

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D. FACILITY DESIGN

D.1 Infrastructure

Complete the following table detailing the facility infrastructure. **Attachment D.1** should contain the appropriate documentation. Information provided should follow the sequence, and use the headings, established in Table D.1. Additional advice on completing this section is provided in the *Guidance Note*.

TABLE D.1 INFRASTRUCTURE

Indicate whether the following infrastructure has been specified.

		y/n	Comments
D.1.a	Facility security arrangements	y	Attachment D.1
D.1.b	Designs for facility roads	n	not applicable
D.1.c	Design of hard-standing areas	y	Attachment D.1
D.1.d	A weighbridge	y	AttachmentD.1
D.1.e	A wheel-wash	n	not applicable
D.1.f	Laboratory facilities	n	not applicable
D.1.g	Fuel storage areas	y	AttachmentD.1
D.1.h	Waste quarantine areas	y	AttachmentD.1
D.1.i	Waste inspection areas	y	AttachmentD.1
D.1.j	Traffic control	n	not applicable
D.1.k	All services	y	AttachmentD.1
D.1.l	Sewerage and surface water drainage infrastructure	y	AttachmentD.1
D.1.m	Plant sheds, garages and equipment compound	y	AttachmentD.1
D.1.n	Facility accommodation	y	AttachmentD.1
D.1.o	A fire control system, including water supply	y	AttachmentD.1
D.1.p	Civic amenity facilities	n	not applicable
D.1.q	Any other waste recovery infrastructure	y	AttachmentD.1
D.1.r	Any other infrastructure	n	not applicable



D.2 Facility Operation

Describe the plant, methods, processes and operating (including facility, plant and equipment maintenance) procedures for the activity. A development and operational history of the facility should be included.

Attachment D.2 should contain a list of all unit operations to be carried out, including a flow diagram of each unit process and any relevant additional information. In addition, include a complete flow diagram for the whole site incorporating all unit processes.

Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
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D.3 Materials Management

Attachment.3 should contain a description of each of the process streams, based on the flow diagram given in Attachment D.2. Further advice on completing this section is given in the *Guidance Note*.

Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
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E. WASTE ACCEPTANCE AND HANDLING

E.1 Existing Waste Types and Quantities

A detailed inventory of the types and quantities of wastes currently accepted at the site should be submitted.

TABLE E.1.1 WASTE TYPES AND QUANTITIES

WASTE TYPE	TONNES PER ANNUM	TOTAL (over life of site) tonnes
Household	-	
Commercial	-	
Sewage Sludge	-	
Construction and Demolition	-	
Industrial Non-Hazardous Liquids	-	
Industrial Non-Hazardous Sludges	-	
Industrial Non-Hazardous Solids	-	
Hazardous	-	

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TABLE E.1.2 HAZARDOUS WASTE TYPES AND QUANTITIES

HAZARDOUS WASTE	DETAILED DESCRIPTION	Tonnes Per Annum
Waste Oil	-	
Oil filters	-	
Asbestos	-	
Oil/Sand Mixtures or Mixtures of Oil and Other Material	-	
Wood Preservative Waste	-	
Petroleum and Gas Treatment Wastes	-	
Inorganic Chemical Processes Wastes	-	
Organic Chemical Processes Wastes	-	
Agrochemical Wastes	-	
Infectious Healthcare Waste	-	
Chemical Industry Waste	-	
Photographic Processing Waste	-	
Paint and Ink	-	
Batteries	-	
Fluorescent Light Bulbs	-	
OTHER HAZARDOUS WASTE (APPLICANT TO SPECIFY)	-	

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TABLE E.1.3 NON-HAZARDOUS WASTE TYPES

INERT OR INACTIVE WASTE	Check (if accepted)	Additional Information
Subsoil	<input type="checkbox"/>	
Topsoil	<input type="checkbox"/>	
Brickwork	<input type="checkbox"/>	
Stone, Rock and Slate	<input type="checkbox"/>	
Clay	<input type="checkbox"/>	
Natural Sand	<input type="checkbox"/>	
Concrete	<input type="checkbox"/>	
Pottery & China	<input type="checkbox"/>	
Solid Road Planings, Solid Tarmacadam, Solid Asphalt	<input type="checkbox"/>	
BIODEGRADABLE WASTE	Check (if accepted)	Additional Information
Wood & Wood Products	<input type="checkbox"/>	
Paper & Paper Products	<input type="checkbox"/>	
Vegetable Matter	<input type="checkbox"/>	
Non-Infectious Health-Care Waste	<input type="checkbox"/>	
Natural & Manmade Fibres	<input type="checkbox"/>	
Road Sweepings	<input type="checkbox"/>	
Gully Emptyings	<input type="checkbox"/>	
Septic Tank Waste	<input type="checkbox"/>	
Silt & Dredgings	<input type="checkbox"/>	
Ash & Cinders	<input type="checkbox"/>	
Food Stuffs	<input type="checkbox"/>	
Oil/Water Mixtures	<input type="checkbox"/>	
Vegetable Oil	<input type="checkbox"/>	
Fats, Waxes and Greases	<input type="checkbox"/>	
Animal Excrement (including paunch contents)	<input type="checkbox"/>	
Animal Blood	<input type="checkbox"/>	

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TABLE E.1.4 OTHER WASTES

OTHER WASTES	Check (if accepted)	Additional Information
Plasterboard and Plaster	<input type="checkbox"/>	
Dried Paints, Dried Varnish & Dried Lacquer	<input type="checkbox"/>	
Foundry Sand & Sand Blasting Residues	<input type="checkbox"/>	
Glass	<input type="checkbox"/>	
Latex & Rubber Solutions	<input type="checkbox"/>	
Solid, Fully Polymerised Plastics	<input type="checkbox"/>	
Solid Rubber (excluding tyres)	<input type="checkbox"/>	
Empty Containers	<input type="checkbox"/>	
Non-Hazardous Ferrous and Non-Ferrous Metals	<input type="checkbox"/>	
OTHER WASTES (APPLICANT TO SPECIFY)	Check (if accepted)	Additional Information
	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	
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	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	

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Attachment E.1 should contain any relevant additional information.



E.2 Proposed Waste Types and Quantities

A detailed inventory of the types and quantities of wastes to be accepted at the site should be submitted.

TABLE E.2.1 WASTE TYPES AND QUANTITIES

WASTE TYPE	TONNES PER ANNUM	TOTAL (over life of site) tonnes
Household waste collected by or on behalf of the local authority	100,000	-
Household waste delivered to civic waste facilities and other bring facilities	10,000	-
Other household waste	70,000	-
Commercial Waste	40,000	-
Sewage Sludges	-	-
Construction and Demolition Waste	80,000	-
Industrial Sludges	-	-
Industrial waste not elsewhere specified	20,000	-
Hazardous Waste	30,000	-

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TABLE E.2.2 HAZARDOUS WASTE TYPES AND QUANTITIES

HAZARDOUS WASTE	DETAILED DESCRIPTION	Tonnes Per Annum
Waste Oil		
Oil filters		
Asbestos		
Oil/Sand Mixtures or Mixtures of Oil and Other Material		
Wood Preservation Waste		
Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal		
Wastes from Inorganic Chemical Processes		
Wastes from Organic Chemical Processes		<12,000
Agrochemical Wastes		
Infectious Healthcare Waste		<10,000
Photographic Processing Waste		
Paint, inks, adhesives and resins		<4,500
Batteries and accumulators		<3,000
Florescent tubes and other mercury containing waste		<500
OTHER HAZARDOUS WASTE (APPLICANT TO SPECIFY)		

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TABLE E.2.3 NON-HAZARDOUS WASTE TYPES

INERT WASTE	Check (if accepted)	Additional Information
Stones and Soil	<input checked="" type="checkbox"/>	
Topsoil	<input checked="" type="checkbox"/>	
Brick	<input checked="" type="checkbox"/>	
Natural Sand	<input checked="" type="checkbox"/>	
Concrete	<input checked="" type="checkbox"/>	
Pottery & China	<input checked="" type="checkbox"/>	
Asphalt, tar and tarred products	<input checked="" type="checkbox"/>	
BIODEGRADABLE WASTE	Check (if accepted)	Additional Information
Wood & Wood Products	<input checked="" type="checkbox"/>	
Paper & Paper Products	<input checked="" type="checkbox"/>	
Vegetable Matter	<input type="checkbox"/>	
Non-Infectious Health-Care Waste	<input checked="" type="checkbox"/>	
Natural & Manmade Fibres	<input checked="" type="checkbox"/>	
Street Cleaning Residues	<input checked="" type="checkbox"/>	
Gully Emptyings	<input checked="" type="checkbox"/>	
Septic Tank Sludge	<input type="checkbox"/>	
Dredging spoil	<input checked="" type="checkbox"/>	
Food Stuffs	<input type="checkbox"/>	
Oil/Water Mixtures	<input type="checkbox"/>	
Vegetable Oil	<input type="checkbox"/>	
Oil and Fat	<input type="checkbox"/>	
Animal faeces, urine and manure (including spoiled straw) effluent, collected separately and treated off-site	<input type="checkbox"/>	
Animal Blood	<input type="checkbox"/>	

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TABLE E.2.4 OTHER WASTES

OTHER WASTES	Check (if accepted)	Additional Information
Gypsum based Constructon Materials	<input checked="" type="checkbox"/>	
Dried Paints, Dried Varnish & Dried Lacquer	<input checked="" type="checkbox"/>	
Foundry Sand & spent blasting grit	<input checked="" type="checkbox"/>	
Glass	<input checked="" type="checkbox"/>	
Latex & Rubber Solutions	<input type="checkbox"/>	
Solid, Fully Polymerised Plastics	<input checked="" type="checkbox"/>	
Solid Rubber (excluding tyres)	<input checked="" type="checkbox"/>	
Electronic and Electrical Waste	<input checked="" type="checkbox"/>	
Waste from incineration or pyrolysis of municipal and similar commercial, industrial and institutional wastes	<input type="checkbox"/>	
OTHER WASTES (APPLICANT TO SPECIFY)	Check (if accepted)	Additional Information
	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	

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It should be noted that an applicant may be issued with a licence which restricts the type of wastes which may be deposited. The acceptance of wastes outside those set down in the licence will be an offence under s39 of the Waste Management Act.

Attachment E.2 should contain any relevant additional information.

E.3 Waste Acceptance Procedures

Procedures for checking waste loads as they arrive at the facility must be included. These should follow the requirements of the Agency's Waste Acceptance Manual.

Opening times applied for the facility should be included in Attachment E.3.

A copy of these procedures and other associated documentation, should be included as Attachment E.3. Additional advice on completing this section is provided in the Guidance Note.

Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
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E.4 Waste Handling

Waste handling and the operating procedures used at the facility should be described in Attachment E.4. Included in the attachment should be information on the plant used on site and on the methods and processes for handling waste on-site. Additional advice on completing this section is provided in the Guidance Note.

Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
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E.5 Raw Materials and Energy

Attachment E.5 should contain a list of all raw, product and ancillary materials, substances, preparations, fuels and energy which will be utilised in or produced by the activity. The list(s) given should comprehensively describe all materials used including fuels, energy consumption, incoming wastes, intermediates, laboratory chemicals and any waste or product used in, or resulting from, the handling, processing or treatment of the incoming waste. Information on any insecticides, herbicides or rat poisons etc. should also be provided with their respective data and safety sheets. The standard forms provided should be used in the description of these materials, substances, etc. where relevant. Additional advice on completing this section is provided in the Guidance Note.

Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
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E.6 Plant

Attachment E.56 should provide information on all plant used at the facility.

Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
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F. ENVIRONMENTAL NUISANCES

Control measures for all potential environmental nuisances should be submitted.

Attachments F.1 to F.9 should provide information on how potential environmental nuisances are to be controlled. Additional advice on completing this section is provided in the *Guidance Note*.

F.1 Aerosol Control

Control method specified	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>

F.2 Bird Control

Control method specified	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>

F.3 Dust Control

Control method specified	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>

F.4 Fire Control

Control method specified	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>

F.5 Litter Control

Control method specified	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>

F.6 Odour Control

Control method specified	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>



F.7 Roads Cleansing

Control method specified	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>

F.8 Traffic Control

Control method specified	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>

F.9 Vermin Control

Control method specified	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>

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G. DECOMMISSIONING AND AFTERCARE

A description should be furnished of the existing or proposed measures for the closure, decommissioning, restoration, remediation and aftercare of the facility concerned after the cessation of the activity in question. Additional advice on completing this section is provided in the *Guidance Note*. Provide a description of the existing or proposed measures to minimise any detrimental impact on the environment after the activity, or part of the activity, ceases operation.

The following should be included;

G.1 Decommissioning

Attachment G.1 should include details of the decommissioning procedures. The appropriate documents and drawings should be provided.

Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
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G.2 Aftercare Management Plan

Attachment G.2 should include details of the management of the site after cessation of waste management activities. Remediation requirements and long-term commitments to site management should be itemised.

Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
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H. ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES

Information on the potential environmental impacts of the development and the proposed mitigation measures are required. For new developments, predictions need to be made of the potential impacts. For existing facilities, data obtained from investigations and environmental monitoring should be used to assess the current level of emissions from the site and their impacts. This information must be provided under the headings below. Additional advice on completing this section is provided in the *Guidance Note*.

Attachments H.1 to H.10 should include information on the potential impacts of the development and on the mitigation measures proposed. Emissions should be characterised using the standard forms where provided.

Where development is proposed to be carried out, being development which is of a class for the time being specified under article 24 of the Environmental Impact Assessment Regulations, the environmental impacts and mitigation measures should be addressed in the EIS. In such cases, it will suffice for the purposes of this section to provide adequate cross-references to the relevant sections in the EIS.

H.1 Air

Attachment included	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	not applicable <input type="checkbox"/>
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Section 3.6 of EIS

H.2 Climate

Attachment included	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	not applicable <input type="checkbox"/>
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Section 3.9 of EIS

H.3 Cultural Heritage

Attachment included	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	not applicable <input type="checkbox"/>
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Section 3.11 of EIS

H.4 Ecology

Attachment included	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	not applicable <input type="checkbox"/>
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Section 3.2 of EIS



H.5 Human Beings

Attachment included	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	not applicable <input type="checkbox"/>
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Section 3.1 of EIS

H.6 Hydrogeology

Attachment included	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	not applicable <input type="checkbox"/>
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Section 3.5 of EIS

H.7 Landscape

Attachment included	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	not applicable <input type="checkbox"/>
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Section 3.10 of EIS

H.8 Noise

Attachment included	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	not applicable <input type="checkbox"/>
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Section 3.7 of EIS

H.9 Discharge to Surface Water

Attachment included	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	not applicable <input type="checkbox"/>
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Section 3.4 of EIS

H.10 Discharge to Sewer

Attachment included	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	not applicable <input type="checkbox"/>
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Section 3.4 of EIS

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Table H.10: DETAILS OF DISCHARGES TO SEWER
(ONE TABLE PER EMISSION POINT)

Emission Point Ref. N°:	SE-1		
Name of emission point:	Emissions to Foul Sewer		
Source of emission:	Process waste water		
Location of sewer connection:	Ballymount Road Lower		
Grid Ref. (12 digit, 6E, 6N):	E309600, N230736		
Date of commencement:	Not known		
Name of sewer undertaker:	South Dublin County Council		
Periods of emission (avg.):	Not Known min/hr	24 hr/day	351 day/yr
Volume to be emitted:	Average/day:	Not Known m ³ /d	
	Maximum rate/hour:	Not Known m ³ /h	
	Maximum rate/day:	Not Known m ³ /d	
Name of receiving water:	Not Applicable		
Flow rate in receiving water:m ³ .sec ⁻¹ Dry Weather Flow		
m ³ .sec ⁻¹ 95%ile flow		
Available waste assimilative capacity:	kg/day		



I. MANAGEMENT PLANS

Applications for existing facilities should include a Conditioning Plan which should be consistent with all other details in the application. Additional advice on completing this section is provided in the Guidance Note.

I.1 Conditioning Plan

Attachment I.2 should comprise the Conditioning Plan. All facilities currently accepting wastes should submit a Conditioning Plan for the upgrading of existing operations and for continual improvement in environmental performance.

Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
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I.2 Environmental Management System (EMS)

If the facility is an existing one and if an Environmental Management System has been developed, copies of such a system should be included with the application as should any other relevant written operating procedures associated with the facility.

Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
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J. ENVIRONMENTAL MONITORING

Programmes for environmental monitoring should be submitted as part of the application. These programmes should be provided as **Attachments J.1 to J.9**. Monitoring programmes for the Construction, Operation and Post-Closure Phases should be included. Monitoring programmes to be included are listed below. Additional advice on completing this section is provided in the *Guidance Note*. A drawing showing the locations of all monitoring points should be provided.

J.1 Dust

Monitoring Programme specified	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>

J.2 Ecological

Monitoring Programme specified	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	not applicable <input type="checkbox"/>
Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>

J.3 Groundwater

Monitoring Programme specified	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	not applicable <input type="checkbox"/>
Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>

J.4 Air

Monitoring Programme specified	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>

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J.5 Sewer Discharge

Monitoring Programme specified	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>

J.6 Meteorological Data

Monitoring Programme specified	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	not applicable <input type="checkbox"/>
Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>

J.7 Noise

Monitoring Programme specified	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>

J.8 Odours

Monitoring Programme specified	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	not applicable <input type="checkbox"/>
Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>

J.9 Surface Water

Monitoring Programme specified	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>

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K. CONTINGENCY ARRANGEMENTS

Describe the existing or proposed measures, including emergency procedures, to prevent unauthorised or unexpected emissions and minimise the impact on the environment of any such emissions. Additional advice on completing this section is provided in the *Guidance Note*.

Attachment K.1 should contain the documentation requested above. The information should be summarised in the standard form supplied. Emergency procedures should be numbered and referenced to in the standard form.

Attachment included

yes

no

not applicable

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L. STATUTORY REQUIREMENTS

This section refers to the applicant's compliance with s40(4) of the Waste Management Act. Additional advice on completing this section is provided in the *Guidance Notes*.

L.1 Offences and Convictions

Note: this section only applies to applicants who are not local authorities.

Has the applicant or another relevant person* been convicted under the Waste Management Act 1996 of offences as prescribed in Regulations.

Yes No

* examples of persons who fall within the definition of "another relevant person" are employees of the applicant or directors, managers, secretaries or other similar officers of the applicant.

If yes, give full details of each offence:

Offence	Person/Body Corporate	Date	Court	Fine	Costs

The possession of significant offences may preclude an applicant from successfully applying for a waste licence. Hence an applicant possessing convictions under the 1996 Act should carefully set own any factors which the Agency should take into account in assessing whether the applicant should be allowed to hold a licence.

Attachment L.1 should contain the documentation requested above, along any relevant additional information.

Attachment included yes no not applicable



L.2 Technical Competence and Site Management

Details of the applicant's experience and qualifications, along with that of other relevant employees, should be summarised as shown below. Statements of duties, responsibilities, experience and qualifications should be submitted for each position named below. Additional information, including the management structure and an organisational chart, should be included in Attachment L.2.

Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
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Name	Position	Duties and Responsibilities	Experience /Qualifications
Mr Sean Doyle	Managing Director	Managing director of Oxigen Environmental Ltd.	20 years experience in the waste industry
Mr Sean Rooney	Managing Director	Managing director of Oxigen Environmental Ltd.	20 years experience in the waste industry
Mr. Peter McLoughlin	General Manager	Day to day supervision of all Oxigen Environmental Ltd site operations as directed by the Managing Directors.	20 years experience in the business management
Mr. Patrick Mongey	Operations Manager	Overall responsibility for operations for Oxigen Environmental Ltd.	15 years experience in Engineering environment
Ms. Derek Rosarius	H & S Officer	Maintain Health and Safety procedures	10 years experience in health and safety
Mr. Liam Ryan	Mechanic Supervisor	Maintenance of all machines and vehicles	15 years experience in mechanics.
All other staff to be appointed			

L.3 Financial Provision

The Waste Management Act 1996 requires all applicants to demonstrate to the Agency that they are in a position to meet any financial commitments or liabilities incurred by the carrying on of the disposal activities relating to this application. Information to show compliance with section 40(7)(c) of the Waste Management Act of 1996 with regard to **private companies** should be provided and should include details as set out in the *Guidance Note*.

Attachment L.3 should contain the documentation requested above and any relevant additional information.

Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
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M. CHECKLIST

Articles 12 and 13 of the Waste Management (Licensing) Regulations, 1997 (S.I. No. 133 of 1997) set out the information which must, in all cases, accompany a waste licence application. In order to ensure that the application fully complies with the legal requirements of Articles 12 and 13 of the 1997 Regulations, all applicants should **complete** the following. In each case, refer to the attachment number(s) of your application which contain(s) the information requested in the appropriate sub-article.

Article 12(1) In the case of an application for a waste licence, the application shall -

- (a) give the name, address and, where applicable, any telephone number and telefax of the applicant and, if different, any address to which correspondence relating to the application should be sent and, if the applicant is a body corporate, the address of its registered or principal office,

LOCATION	Section B.1	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

- (b) give the name of the planning authority in whose functional area the relevant activity is or will be carried on,

LOCATION	Section B.3	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

- (c) in the case of a discharge of any trade effluent or other matter (other than domestic sewage or storm water) to a sewer of a sanitary authority, give the name of the sanitary authority in which the sewer is vested or by which it is controlled,

LOCATION	Section B.4	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

- (d) give the location or postal address (including where appropriate, the name of the townland or townlands) and the National Grid reference of the facility or premises to which the application relates,

LOCATION	Section B2	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>



(e) describe the nature of the facility or premises concerned including, in the case of an application in respect of the landfill of waste, the geological and hydrogeological nature of the land,

LOCATION	Attachment B6 and Section 3 of EIS	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

(f) specify the class or classes of activity concerned, in accordance with the Third and Fourth Schedules of the Act,

LOCATION	Section B6	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

(g) specify the quantity and nature of the waste or wastes which will be recovered or disposed of,

LOCATION	Section E2	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

(h) specify the raw and ancillary materials, substances, preparations, fuels and energy which will be utilised in or produced by the activity,

LOCATION	Attachment E5	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

(i) describe the plant, methods, processes and operating procedures for the activity,

LOCATION	Attachment E 3,4 & 6	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

(j) provide information for the purpose of enabling the Agency to make a determination in relation to the matters specified in paragraphs (a) to (d) of section 40(4) of the Act,

LOCATION	Attachment A1	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>



(k) give particulars of the source, location, nature, composition, quantity, level and rate of emissions arising from the activity and, where relevant, the period or periods during which such emissions are made or are to be made,

LOCATION	Section 3 of EIS	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

(l) give details, and an assessment of the effects, of any existing or proposed emissions on the environment, including any environmental medium other than that into which the emissions are to be made,

LOCATION	Section 3 of EIS	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

(m) identify monitoring and sampling points and indicate proposed arrangement for the monitoring of emissions and the environmental consequences of any such emissions,

LOCATION	Attachment J1-J9 and Section 3 of EIS	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

(n) describe any proposed arrangements for the off-site treatment or disposal of solid or liquid wastes,

LOCATION	Attachment D2	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>



- (o) describe the existing or proposed measures, including emergency procedures, to prevent unauthorised or unexpected emissions and minimise the impact on the environment of any such emission,

LOCATION	Attachment K1	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

- (p) describe the proposed measures for the closure, restoration, remediation or aftercare of the facility concerned, after the cessation of the activity in question,

LOCATION	Attachment G1-2	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

- (q) give a non-technical summary of information provided in relation to the matters specified in paragraphs (e) to (p) of this subsection,

LOCATION	Attachment A1	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

- (r) state whether the activity is for the purposes of an industrial activity or isolated storage to which Regulations 12 to 18 of the European Communities (Major Accident Hazards of Certain Industrial Activities) Regulations, 1986 (S.I. No. 292 of 1986), as amended by the European Communities (Major Accident Hazards of Certain Industrial Activities)(Amendment) Regulations, 1989 (S.I. No. 194 of 1989) and the European Communities (Major Accident Hazards of Certain Industrial Activities)(Amendment) Regulations, 1992 (S.I. No. 21 of 1992), apply,

LOCATION	Section B9	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>



Article 12(3) Without prejudice to Article 13(1), an application for a licence shall be accompanied by -

(a) a copy of the relevant page of the newspaper in which the notice in accordance with article 6 has been published,

LOCATION	Attachment B5	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

(b) a copy of the text of the site notice erected or fixed in accordance with article 7,

LOCATION	Attachment B5	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

(c) where appropriate, a copy of the notice given to a local authority under article 9,

LOCATION	Attachment B3	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

(d) a copy of such plans, including a site plan and location map, and such other particulars, reports and supporting documentation as are necessary to identify and describe, as appropriate -

(i) the position of the notice in accordance with article 7,

LOCATION	Drawing No. B5	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

(ii) the point or points from which emissions are made or are to be made, and

LOCATION	Drawing J1	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

(iii) the point or points at which monitoring and sampling are or are to be undertaken,



LOCATION	Drawing J1	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

(e) such fee as is appropriate having regard to the provisions of articles 41 and 42.

INCLUDED Y/N	Y	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

Article 12(4)(a) An application shall be accompanied by 5 copies of the application and of all accompanying documents and particulars as required under subarticle (3).

PROVIDED Y/N	Y	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

Article 13 Where a development requires an Environmental Impact Assessment to be carried out, 15 copies of the environmental impact statement should accompany this application.

EIA REQUIRED ? Y/N	Y	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>
3 COPIES OF EIS INCLUDED ? Y/N	Y	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>
LOCATION	Attachment EIS	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>



N. DECLARATION

Declaration

I/we hereby make application for a licence/revised waste licence, pursuant to the provisions of the Waste Management Act 1996 and Regulations made thereunder.

I/we certify that the information given in this application is truthful, accurate and complete (see note below).

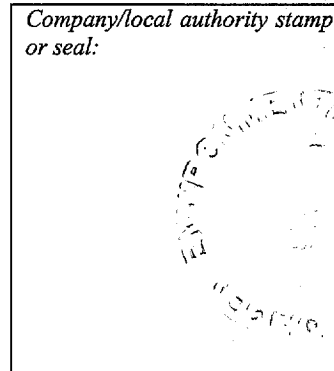
I/we have no objection to the provision by the Agency or local authority of a copy of the application or parts thereof to any person.

Signature:	<u>Sean Doyle</u>	<u>Sean Rooney</u>
Print name:	<u>SEAN DOYLE</u>	<u>SEAN ROONEY</u>
Date:	<u>16/7/04</u>	<u>16/7/04</u>
Position in organisation:	<u>DIRECTOR</u>	<u>DIRECTOR</u>
On behalf of (name of organisation):	<u>OXYGEN ENVIRONMENTAL LTD.</u>	

***Note:**

- in the case of a partnership, all partners should sign the declaration; and,
- if the application is signed by an agent/consultant, the proposed licence holder must also sign and date the declaration.

Company/local authority stamp or seal:



Note: Applicants are advised that a person who makes a statement in a licence application which is false or misleading is guilty of an offence under s45 of the Waste Management Act 1996. The contravention of this section may lead to a fine or, if convicted on indictment, imprisonment or a fine or both.



ANNEX 1 STANDARD FORMS

Standard forms are provided in this section for the recording and presentation of environmental monitoring and site investigation results, including future monitoring results. **NOTE: The forms should be completed and inserted in the appropriate Attachments.** The forms included in the section are as follows;

- 1.1 Air Emissions
- 1.2 Air Emissions Characterisation
- 1.3 Emergency Procedures
- 1.4 Emissions Abatement
- 1.5 Groundwater Quality
- 1.6 Groundwater Emissions
- 1.7 Noise Emissions
- 1.8 Noise Monitoring
- 1.9 Permeability Values
- 1.10 Raw Materials, Intermediates, Products, etc.
- 1.11 Sewer Discharge
- 1.12 Site Investigations
- 1.13 Surface Water Quality
- 1.14 Surface Water Emissions

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1.1 AIR EMISSIONS

(ONE TABLE PER EMISSION POINT)

Emission Point Ref. N°:	Not applicable		
Name of emission point:			
Source of Emission:			
Location of emission point:			
Grid Ref. (12 digit, 6E, 6N):			
Date of commencement:			
Periods of emission (avg.):	min/hr	hr/day	day/yr
Volume to be emitted:	Average/day:		m ³ /d
	Maximum rate/hour:		m ³ /h
	Maximum rate/day:		m ³ /d
Vent diameter:m		
Vent height above ground:m		
Min. efflux velocity:m/sec		
Temperature:	Max.....°C	Min.....°C	Avg.....°C
For Combustion Sources:			
Volume terms expressed as :	<input type="checkbox"/> wet	<input type="checkbox"/> dry	_____ %O ₂



1.2 AIR EMISSIONS CHARACTERISATION

(one table per emission point)

Emission Point Reference Number: not applicable

Parameter name	Prior to treatment				As discharged						
	mg/Nm ³		kg/h		mg/Nm ³		kg/h		kg/year		
	Average	Max	Average	Max	Average	Max	Average	Max	Average	Max	

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1.3 EMERGENCY PROCEDURES

Not applicable

Emission point ref. no. (as per flow diagram)	Description	Malfunction which could cause an emission	Emergency Procedure Number	Emission details (potential maximum emissions) ¹		
				Material	mg/Nm ³ (air) mg/l (liquid)	kg/hour
<p style="color: red; transform: rotate(-45deg); font-style: italic;">For inspection purposes only. Consent of copyright owner required for any other use.</p>						

¹ Estimate the potential maximum emission for each malfunction identified.



1.4 EMISSIONS ABATEMENT

ABATEMENT/TREATMENT CONTROL (ONE TABLE PER EMISSION POINT)

Emission Point Reference Number: _____

Air Surface water Groundwater

Control ¹ parameter	Equipment ²	Equipment maintenance	Equipment calibration	Equipment back-up	Monitoring to be carried out ³	Monitoring equipment	Monitoring equipment calibration

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¹ List the operating parameters of the treatment / abatement system which control its function.
² List the equipment necessary for the proper function of the abatement / treatment system.
³ List the monitoring of the control parameter to be carried out with cross reference to the appropriate monitoring section.



1.5 GROUNDWATER QUALITY

(Sheet 1 of 2) Monitoring Point¹/ Grid Reference:

Parameter	Results (mg/l)				Sampling method (composite etc.)	Normal Analytical Range	Analysis method / technique
	Date	Date	Date	Date			
Ph							
Temperature							
Electrical conductivity EC							
Ammoniacal nitrogen NH ₄ -N							
Dissolved oxygen DO							
Residue on evaporation (180°C)							
Calcium Ca							
Cadmium Cd							
Chromium Cr							
Chloride Cl							
Copper Cu							
Cyanide Cn, total							
Iron Fe							
Lead Pb							
Magnesium Mg							
Manganese Mn							
Mercury Hg							
Nickel Ni							
Potassium K							
Sodium Na							

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GROUNDWATER QUALITY (SHEET 2 OF 2)

Parameter	Results (mg/l)				Sampling method (composite, dipper etc.)	Normal Analytical Range	Analysis method / technique
	Date	Date	Date	Date			
Phosphate PO ₄							
Sulphate SO ₄							
Zinc Zn							
Total alkalinity (as CaCO ₃)							
Total organic carbon TOC							
Total oxidised nitrogen TON							
Arsenic As							
Barium Ba							
Boron B							
Fluoride F							
Phenol							
Phosphorus P							
Selenium Se							
Silver Ag							
Nitrite NO ₂							
Nitrate NO ₃							
Faecal coliforms (/100mls)							
Total coliforms (/100mls)							
Water level (m OD)							

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1.6 GROUNDWATER EMISSIONS

(ONE TABLE PER EMISSION POINT)

Emission Point or Area Ref. N^o:		Not applicable		
Emission Pathway:				
Location of discharge:				
Grid Ref. (10 digit, 5E, 5N):				
Elevation of discharge: (relative to Ordnance Datum)				
Identity and proximity of groundwater sources at risk (wells, springs, etc.):				
Aquifer classification for receiving groundwater body:				
Groundwater vulnerability assessment (including vulnerability rating):				
Identity and proximity of surface water bodies at risk:				
Periods of emission, average:min/hrhr/dayday/yr	
Volume to be emitted:	Average/day:	m ³ /d		
	Maximum rate/hour:	m ³ /h		
	Maximum rate/day:	m ³ /d		

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1.8 NOISE MONITORING (Daytime)

Third Octave analysis for noise emissions should be used to determine tonal noises

Location	National Grid Reference (5N, 5E)	Sound Pressure Levels		
		L(A) _{eq}	L(A) ₁₀	L(A) ₉₀
1. SITE BOUNDARY				
Location 1: N-2	309464E 230755N	65.7	68.9	52.7
Location 2: N-3	309491E 230486N	57.1	58.3	55.4
Location 3: N-4	309669E 230659N	56.6	58.8	53.3
Location 4: N-5	309405E 230569N	55.8	57.4	53.6
Location 5:				
Location 6:				
Location 7:				
Location 8:				
2. NOISE SENSITIVE LOCATIONS				
Location 1: N-1	309223E 230806N	75.1	78.3	63.6
Location 2:				
Location 3:				
Location 4:				
Location 5:				
Location 6:				
Location 7:				
Location 8:				

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NOTE: All locations should be identified on accompanying drawings.



1.9 NOISE MONITORING (Night time)

Third Octave analysis for noise emissions should be used to determine tonal noises

Location	National Grid Reference (5N, 5E)	Sound Pressure Levels		
		L(A) _{eq}	L(A) ₁₀	L(A) ₉₀
2. SITE BOUNDARY				
Location 1: N-2	309464E 230755N	52.9	45.2	40.1
Location 2: N-3	309491E 230486N	46.4	49.2	42.5
Location 3: N-4	309669E 230659N	47.0	49.0	40.4
Location 4: N-5	309405E 230569N	48.4	52.0	43.5
Location 5:				
Location 6:				
Location 7:				
Location 8:				
3. NOISE SENSITIVE LOCATIONS				
Location 1: N-1	309223E 230806N	60.4	55.1	43.0
Location 2:				
Location 3:				
Location 4:				
Location 5:				
Location 6:				
Location 7:				
Location 8:				

NOTE: All locations should be identified on accompanying drawings.



1.11 RAW MATERIALS, INTERMEDIATES, PRODUCTS, etc.

See attachment E.5

Ref. N ^o or Code	Material / Substance ¹	CAS Number	Danger ² Category	Amount Stored (tonnes)	Annual Usage (tonnes)	Nature of Use	Organic/ Inorganic	R ³ - Phrase	S ³ - Phrase	Major Industrial Hazard Regs Yes/No

¹In cases where a material comprises a number of distinct and available dangerous substances, please give details for each component substance.

²c.f. Article 2(2) of S.I. N^o 77 of 1994

³c.f. Schedules 2 and 3 of S.I. N^o 77 of 1994

Ref. N ^o or Code	Material / Substance ²	Ecological Aquatic				Toxicological			Radioactive Yes/No
		LC ₅₀ mg/l	Species	EC ₅₀ mg/l ⁴	Species	Oral ED ₅₀ mg/kg	Species	IV LD ₅₀ mg/kg	

⁴Where available

Ref. N ^o or Code	Material / Substance ²	TA Luft Class 1, 2 or 3	Odour			EU Lists I and II (Specify Group/Family Number)			
			Odorous Yes/No	Description	Threshold µg/m ³	Dangerous Substances Directive 76/464/EEC		Groundwater Directive 80/68/EEC	
						List I	List II + 129 ⁵	List I	List II

⁵The European Commission priority candidate list



1.12 SITE INVESTIGATIONS

Not applicable

Borehole No.	Grid reference	Drilling method	Total depth (m)	Diameter (mm)	Formation Name	Strata	% Core Recovery	Water strike (m OD)	Depth to Bedrock (m OD)
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1.13 SURFACE WATER QUALITY

(Sheet 1 of 2) Monitoring Point¹/ Grid Reference: SW 2 309760E 230842N

Parameter	Results (mg/l)				Sampling method ² (grab, drift etc.)	Normal Analytical Range ²	Analysis method / technique
	May '04	Date	Date	Date			
pH	8.0				grab		
Temperature					grab		
Electrical conductivity EC	565				grab		
Ammoniacal nitrogen NH ₄ -N	0.05 as N				grab		
Chemical oxygen demand	<10				grab		
Biochemical oxygen demand	2				grab		
Dissolved oxygen DO	-				grab		
Calcium Ca	73				grab		
Cadmium Cd	<0.02				grab		
Chromium Cr	<0.02				grab		
Chloride Cl	24.7				grab		
Copper Cu	<0.02				grab		
Iron Fe	1.5				grab		
Lead Pb	<0.02				grab		
Magnesium Mg	9.4				grab		
Manganese Mn	0.06				grab		
Mercury Hg	<0.01				grab		

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Waste Licence Application Form- Recovery/Disposal Activities (other than Landfill)

Surface Water Quality (Sheet 2 of 2)

Parameter ²	Results (mg/l)				Sampling method (grab, drift etc.)	Normal Analytical Range	Analysis method / technique
	May '04	Date	Date	Date			
Nickel Ni	0.06				grab		
Potassium K	1.8				grab		
Sodium Na	17				grab		
Sulphate SO ₄	58.2				grab		
Zinc Zn	<0.02				grab		
Total alkalinity (as CaCO ₃)	191				grab		
Total organic carbon TOC	<5				grab		
Total oxidised nitrogen TON	-				grab		
Nitrite NO ₂	0.03				grab		
Nitrate NO ₃	1.06				grab		
Faecal coliforms (/100mls)	-				grab		
Total coliforms (/100mls)	-				grab		
Phosphate PO ₄	0.05				grab		

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SURFACE WATER EMISSIONS

(ONE TABLE PER EMISSION POINT)

Emission Point Ref. N°:	Not applicable		
Name of emission point:			
Source of Emission:			
Location of emission point:			
Grid Ref. (12 digit, 6E, 6N):			
Date of commencement:			
Periods of emission (avg.):	min/hr	hr/day	day/yr
Volume to be emitted:	Average/day:		m ³ /d
	Maximum rate/hour:		m ³ /h
	Maximum rate/day:		m ³ /d
Name of receiving water:			
Flow rate in receiving water:m ³ .sec ⁻¹ Dry Weather Flow		
m ³ .sec ⁻¹ 95%ile flow		
Available waste assimilative capacity:	kg/day		

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