

The fully integrated healthcare waste management system

Mr Damian Masterson
Inspector
Waste Enforcement Administration
EPA Headquarters
PO Box 3000
Johnstown Castle Estate
Co. Wexford

24 February 2004

Dear Mr. Masterson

On behalf of Sterile Technologies Ireland Ltd, I hereby apply to the Agency for a review of Waste License No. 55-1 regarding waste acceptance, annual tonnages, transfer station management and operation and the addition of associated environmental monitoring points.

In December 2003, STI secured a ten-year national contract for the collection, treatment and disposal of healthcare risk waste on the island of Ireland. It is envisaged that the volume of waste to be processed by STI will increase significantly over the period of the contract. In order to ensure that waste is managed in an efficient and environmentally sustainable manner, a number of operational changes are required.

The company needs to provide full contingency treatment capability at 420 Beech Road, immediately adjacent to our current facility. In addition, we need to operate a fully licensed transfer station at this address. In order to perform these operations, we require a review of our waste licence to incorporate the following:

In Part 1 (under Activities Licensed), we wish to include the following:

- Classes 12 and 13 of the Third Schedule of the Waste Management Act 1996.
- Classes 2, 3, 4, 9 and 13 of the Fourth Schedule of the Waste Management Act, 1996.

The inclusion of these activities will allow the STI facility to operate as a licensed transfer station under Condition 5 (within the 420 Beech Road building), and allow for material recovery at a later stage.

Sterile Technologies Ireland Ltd.

430 Beech Road, Western Industrial Estate, Naas Road, Dublin 12, Ireland.

Ph: 00 353 1 456 5796 • Fx: 00 353 1 456 5295 • Email: vivieneg@steriletech.ie

Managing Director – N. Wall. Directors – D. Rogers, V. Gillen, P. Coulson, Sir G. Loughran, D. Heavey. Company Secretary – N. Graver.

Registered in Ireland. No. 258299. Registered Address: 430 Beech Road, Western Ind. Estate, Naas Road, Dublin 12, Ireland

Member of

ISWA

Under Condition 5 (Waste Acceptance and Handling), we would ask that the following changes be made:

- 5.1.2 Increase annual waste acceptance tonnages to an upper limit of 15,000 tonnes. Provide for the storage of unprocessed waste for a maximum period of two weeks in refrigerated containers.
- 5.2 Allow blood products to be processed at the STI facility.
- 5.3 Increase waste throughput for the combined facility to 2.5 tonnes per hour.
- 5.4 Provide for operation of the facility on a 24-hour basis, seven days a week.
- 5.14 Confirm that the condition regarding annual process efficacy testing is no longer required. Appendix 9 contains a Microbiological efficacy test report which validates this request.
- 5.18. Amend the requirement for measuring the waste exit temperature as the information provided is of limited use. Temperature readings at this control point are unreliable due to fluctuations in ambient conditions and there is no correlation between temperatures measured internally and at the exit point.

We request the insertion of the following provision under Section 5:

- 'The sterilisation of each of the excluded waste types listed in Condition 1.5, may be undertaken in the event that a detailed report on the proposed waste handling/processing and an odour abatement procedure has been submitted and agreed by the Agency. This report shall include such requirements as deemed necessary by the Agency.'

Schedule G:

- STI proposes that the maximum emission to sewer be increased to 40 m³/day for the combined facility, and that all daily mean loadings be altered to reflect this. The local authority has been contacted in this regard. A copy of this letter is included in Section H 10 of this submission.

We request the insertion of the following under Schedule G:

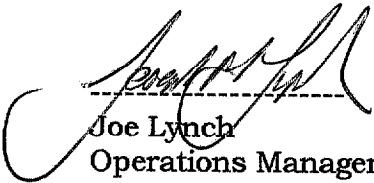
Items of plant deemed critical to the efficient and adequate processing at the facility shall be provided on the following basis:

- 100% duty capacity;
- 100% standby capacity available on a routine basis;
- Provision of contingency arrangements and/or back up and spares in the case of a breakdown.

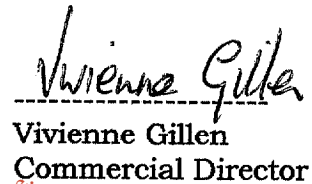
STI remains committed to ensuring that the highest industry standards will be maintained in the execution of this contract. The modifications to Waste Licence 55-1, as set out above, will assist STI in providing the service as determined by the Joint Waste Management Board.

Attached herewith, please find the completed application form and appendices. However, should you require any additional information or wish to speak directly with any member of the STI team, please do not hesitate to contact us at any time.

Yours Sincerely,



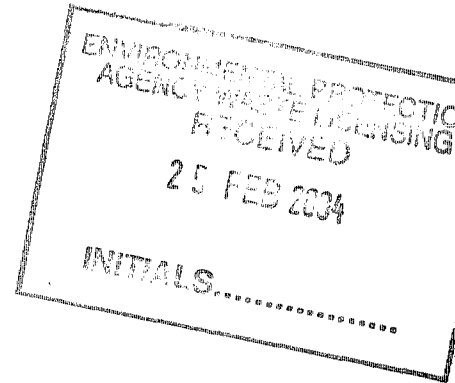
Joe Lynch
Operations Manager



Vivienne Gillen
Commercial Director

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STI
Waste
Management
Board



Waste Licensing

Waste Recovery/Disposal Activities (other than landfill)

Application Form

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EPA Ref. N ^o : <i>(Office use only)</i>	55-2
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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
Article 12 (1) (q) of S.I. 133 1997 complied with	yes <input checked="" type="checkbox"/> no

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B. GENERAL

B.1 Applicant's Details

Name*: Sterile Technologies Ireland Ltd
Address: 430 Beech Road,
 Western Industrial Estate,
 Naas Road,
 Dublin 12
Tel: 01 4565796
Fax: 01 4565295

* 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: Joe Lynch
Address: Sterile Technologies Ireland Ltd
 430 Beech Road,
 Western Industrial Estate,
 Naas Road, Dublin 12
Tel: 01 4565796
Fax: 01 4565295

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

Address: Sterile Technologies Ireland Ltd
 430 Beech Road,
 Western Industrial Estate,
 Naas Road, Dublin 12
Tel: 01 4565796
Fax: 01 4565295

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 checked="" type="checkbox"/>
Prospective Purchaser	<input type="checkbox"/>
Other (please specify)	<input type="text"/>

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

Name: Not applicable
Address:

Tel:
Fax:

Name:
Address:

Tel:
Fax:

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: Not Applicable
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: Sterile Technologies Ireland Ltd

Address*: 430 Beech Road,
Western Industrial Estate,
Naas Road,
Dublin 12

Tel: 01 4565796

Fax: 01 4565295

* Include any townland

National Grid Reference (8 digit 4E,4N)	3091 E 2313 N
--	------------------

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	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,
Town Centre,
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 type="checkbox"/>
is being processed	<input type="checkbox"/>
is not yet applied for	<input checked="" type="checkbox"/>
is not required	<input type="checkbox"/>

Local Authority Planning File Reference N^o:	Pending
---	---------

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: Deansrath House,
New Nangor Road,
Clondalkin,
Dublin 22.

Tel: 01 4570784/5/6

Fax: 01 4574878

Waste water treatment plant

Name: Dublin Corporation Treatment Works

Address: Ringsend,
Dublin 4

Tel: 01 8385800

Fax: 01 8386337

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: _____

Address: _____

Tel: _____

Fax: _____

Name: _____

Address: _____

Tel: _____

Fax: _____

Waste water treatment plant

Name: _____

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).	√
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.	√
4. Surface impoundment, including placement of liquid or sludge discards into pits, ponds or lagoons.		4. Recycling or reclamation of other inorganic materials.	√
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).	P	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.		11. Use of waste obtained from any activity referred to in a preceding paragraph of this Schedule.	
12. Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule.	√	12. Exchange of waste for submission to any activity referred to in a preceding paragraph of this Schedule.	
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.	√	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.	√



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
€19,046	Waste Treatment and Transfer Station

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)
2000	Nil	2102	2102
2001	Nil	5021	5021
2002	Nil	5812	5812
2003 projected	Nil	6727	6727
2004 projected	Nil	7787	7787
2005 projected	Nil	9013	9013
2006 projected	Nil	10,433	10,433
2007 projected	Nil	12,076	12,076
2007 projected	Nil	13,978	13,978



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 checked="" type="checkbox"/>	no	not applicable
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C.2 Climate

Attachment included	yes	no	not applicable <input checked="" type="checkbox"/>
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C.3 Cultural Heritage

Attachment included	yes	no	not applicable <input checked="" type="checkbox"/>
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C.4 Ecology

Attachment included	yes	no	not applicable ✓
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C.5 Human Beings

Attachment included	Yes	no	not applicable ✓
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C.6 Hydrogeology

Attachment included	yes	no	not applicable ✓
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C.7 Landscape

Attachment included	yes	no	not applicable ✓
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C.8 Noise

Attachment included	yes ✓	no	not applicable
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C.9 Surface Water

Attachment included	yes	no	not applicable ✓
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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	Fencing will be erected.
D.1.b	Designs for facility roads	N	
D.1.c	Design of hard-standing areas	N	
D.1.d	A weighbridge	Y	At entrance.
D.1.e	A wheel-wash	N	
D.1.f	Laboratory facilities	N	
D.1.g	Fuel storage areas	Y	It is the intention of the company to look at on-site fuel storage in the future.
D.1.h	Waste quarantine areas	Y	Same as existing plant.
D.1.i	Waste inspection areas	Y	Same as existing plant.
D.1.j	Traffic control	Y	Lockable gates.
D.1.k	All services	Y	
D.1.l	Sewerage and surface water drainage infrastructure	Y	Plans appended
D.1.m	Plant sheds, garages and equipment compound	N	
D.1.n	Facility accommodation	N	
D.1.o	A fire control system, including water supply	Y	Already in existence
D.1.p	Civic amenity facilities	N	



D.1.q	Any other waste recovery infrastructure	N	
D.1.r	Any other infrastructure	N	

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	not applicable
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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	not applicable
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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	Not applicable	
Commercial	Not applicable	
Sewage Sludge	Not applicable	
Construction and Demolition	Not applicable	
Industrial Non-Hazardous Liquids	Not applicable	
Industrial Non-Hazardous Sludges	Not applicable	
Industrial Non-Hazardous Solids	Not applicable	
Hazardous	Approx 15,000	450,000



TABLE E.1.2 HAZARDOUS WASTE TYPES AND QUANTITIES

HAZARDOUS WASTE	DETAILED DESCRIPTION	Tonnes Per Annum
Waste Oil	Not applicable	Not applicable
Oil filters	Not applicable	Not applicable
Asbestos	Not applicable	Not applicable
Oil/Sand Mixtures or Mixtures of Oil and Other Material	Not applicable	Not applicable
Wood Preservative Waste	Not applicable	Not applicable
Petroleum and Gas Treatment Wastes	Not applicable	
Inorganic Chemical Processes Wastes	Not applicable	Not applicable
Organic Chemical Processes Wastes	Not applicable	Not applicable
Agrochemical Wastes	Not applicable	Not applicable
Infectious Healthcare Waste	Healthcare Risk Waste	Approx 15,000
Chemical Industry Waste	Not applicable	Not applicable
Photographic Processing Waste	Not applicable	Not applicable
Paint and Ink	Not applicable	Not applicable
Batteries	Not applicable	Not applicable
Fluorescent Light Bulbs	Not applicable	Not applicable
OTHER HAZARDOUS WASTE (APPLICANT TO SPECIFY)		
Excluded Medical Wastes unsuitable for treatment (Transfer Station status)	Cytotoxic, Pharmaceutical, Recognisable Anatomical and Processed Blood Wastes	Approx 500 Tonnes



TABLE E.1.3 NON-HAZARDOUS WASTE TYPES

INERT OR INACTIVE WASTE	Check (if accepted)	Additional Information
Subsoil	<input type="checkbox"/>	Not applicable
Topsoil	<input type="checkbox"/>	Not applicable
Brickwork	<input type="checkbox"/>	Not applicable
Stone, Rock and Slate	<input type="checkbox"/>	Not applicable
Clay	<input type="checkbox"/>	Not applicable
Natural Sand	<input type="checkbox"/>	Not applicable
Concrete	<input type="checkbox"/>	Not applicable
Pottery & China	<input type="checkbox"/>	Not applicable
Solid Road Planings, Solid Tarmacadam, Solid Asphalt	<input type="checkbox"/>	Not applicable
BIODEGRADABLE WASTE	Check (if accepted)	Additional Information
Wood & Wood Products	<input type="checkbox"/>	Not applicable
Paper & Paper Products	<input type="checkbox"/>	Not applicable
Vegetable Matter	<input type="checkbox"/>	Not applicable
Non-Infectious Health-Care Waste	<input type="checkbox"/>	Not applicable
Natural & Manmade Fibres	<input type="checkbox"/>	Not applicable
Road Sweepings	<input type="checkbox"/>	Not applicable
Gully Emptyings	<input type="checkbox"/>	Not applicable
Septic Tank Waste	<input type="checkbox"/>	Not applicable
Silt & Dredgings	<input type="checkbox"/>	Not applicable
Ash & Cinders	<input type="checkbox"/>	Not applicable
Food Stuffs	<input type="checkbox"/>	Not applicable
Oil/Water Mixtures	<input type="checkbox"/>	Not applicable
Vegetable Oil	<input type="checkbox"/>	Not applicable
Fats, Waxes and Greases	<input type="checkbox"/>	Not applicable
Animal Excrement (including paunch contents)	<input type="checkbox"/>	Not applicable
Animal Blood	<input type="checkbox"/>	Not applicable



Table E.1.4 Other Wastes

OTHER WASTES	Check (if accepted)	Additional Information
Plasterboard and Plaster	<input type="checkbox"/>	Not applicable
Dried Paints, Dried Varnish & Dried Lacquer	<input type="checkbox"/>	Not applicable
Foundry Sand & Sand Blasting Residues	<input type="checkbox"/>	Not applicable
Glass	<input type="checkbox"/>	Not applicable
Latex & Rubber Solutions	<input type="checkbox"/>	Not applicable
Solid, Fully Polymerised Plastics	<input type="checkbox"/>	Not applicable
Solid Rubber (excluding tyres)	<input type="checkbox"/>	Not applicable
Empty Containers	<input type="checkbox"/>	Not applicable
Non-Hazardous Ferrous and Non-Ferrous Metals	<input type="checkbox"/>	Not applicable
OTHER WASTES (APPLICANT TO SPECIFY)		Additional Information
Not applicable		

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	Not Applicable	Not Applicable
Household waste delivered to civic waste facilities and other bring facilities	Not Applicable	Not Applicable
Other household waste	Not Applicable	Not Applicable
Commercial Waste	Not Applicable	Not Applicable
Sewage Sludges	Not Applicable	Not Applicable
Construction and Demolition Waste	Not Applicable	Not Applicable
Industrial Sludges	Not Applicable	Not Applicable
Industrial waste not elsewhere specified	Not Applicable	Not Applicable
Hazardous Waste	15,000	Total Life Span of Plant (180,000 tonnes)

TABLE E.2.2 HAZARDOUS WASTE TYPES AND QUANTITIES

HAZARDOUS WASTE	DETAILED DESCRIPTION	Tonnes Per Annum
Waste Oil	Not Applicable	
Oil filters	Not Applicable	
Asbestos	Not Applicable	
Oil/Sand Mixtures or Mixtures of Oil and Other Material	Not Applicable	
Wood Preservation Waste	Not Applicable	
Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal	Not Applicable	
Wastes from Inorganic Chemical Processes	Not Applicable	
Wastes from Organic Chemical Processes	Not Applicable	



Agrochemical Wastes	Not Applicable	
Infectious Healthcare Waste	Healthcare Risk Waste	15,000
Photographic Processing Waste	Not Applicable	
Paint, inks, adhesives and resins	Not Applicable	
Batteries and accumulators	Not Applicable	
Florescent tubes and other mercury containing waste	Not Applicable	
OTHER HAZARDOUS WASTE (APPLICANT TO SPECIFY)		
Excluded Medical Wastes unsuitable for treatment (Transfer Station status)	Cytotoxic, Pharmaceutical and Recognisable Anatomical	Approx 500 Tonnes

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TABLE E.2.3 NON-HAZARDOUS WASTE TYPES

INERT WASTE	Check (if accepted)	Additional Information
Stones and Soil	<input type="checkbox"/>	Not Applicable
Topsoil	<input type="checkbox"/>	Not Applicable
Brick	<input type="checkbox"/>	Not Applicable
Natural Sand	<input type="checkbox"/>	Not Applicable
Concrete	<input type="checkbox"/>	Not Applicable
Pottery & China	<input type="checkbox"/>	Not Applicable
Asphalt, tar and tarred products	<input type="checkbox"/>	Not Applicable
BIODEGRADABLE WASTE	Check (if accepted)	Additional Information
Wood & Wood Products	<input type="checkbox"/>	Not Applicable
Paper & Paper Products	<input type="checkbox"/>	Not Applicable
Vegetable Matter	<input type="checkbox"/>	Not Applicable
Non-Infectious Health-Care Waste	<input type="checkbox"/>	Not Applicable
Natural & Manmade Fibres	<input type="checkbox"/>	Not Applicable
Street Cleaning Residues	<input type="checkbox"/>	Not Applicable
Gully Emptyings	<input type="checkbox"/>	Not Applicable
Septic Tank Sludge	<input type="checkbox"/>	Not Applicable
Dredging spoil	<input type="checkbox"/>	Not Applicable
Food Stuffs	<input type="checkbox"/>	Not Applicable
Oil/Water Mixtures	<input type="checkbox"/>	Not Applicable
Vegetable Oil	<input type="checkbox"/>	Not Applicable
Oil and Fat	<input type="checkbox"/>	Not Applicable
Animal faeces, urine and manure (including spoiled straw) effluent, collected separately and treated off-site	<input type="checkbox"/>	Not Applicable
Animal Blood	<input type="checkbox"/>	Not Applicable

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Table E.2.4 Other Wastes

OTHER WASTES	Check (if accepted)	Additional Information
Gypsum based Constructon Materials	<input type="checkbox"/>	Not Applicable
Dried Paints, Dried Varnish & Dried Lacquer	<input type="checkbox"/>	Not Applicable
Foundry Sand & spent blasting grit	<input type="checkbox"/>	Not Applicable
Glass	<input type="checkbox"/>	Not Applicable
Latex & Rubber Solutions	<input type="checkbox"/>	Not Applicable
Solid, Fully Polymerised Plastics	<input type="checkbox"/>	Not Applicable
Solid Rubber (excluding tyres)	<input type="checkbox"/>	Not Applicable
Electronic and Electrical Waste	<input type="checkbox"/>	Not Applicable
Waste from incineration or pyrolysis of municipal and similar commercial, industrial and institutional wastes	<input type="checkbox"/>	Not Applicable
OTHER WASTES (APPLICANT TO SPECIFY)	Check (if accepted)	Additional Information
Not Applicable	<input type="checkbox"/>	Not Applicable
	<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"/>	



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
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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
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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.6 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 F9 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	not applicable
Attachment included	yes <input checked="" type="checkbox"/>	no	not applicable

F.2 Bird Control

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

F.3 Dust Control

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

F.4 Fire Control

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

F.5 Litter Control

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

F.6 Odour Control

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



F.7 Roads Cleansing

Control method specified	yes	no	not applicable ✓
Attachment included	yes	no	not applicable ✓

F.8 Traffic Control

Control method specified	yes	no	not applicable ✓
Attachment included	yes	no	not applicable ✓

F.9 Vermin Control

Control method specified	yes ✓	no	not applicable
Attachment included	yes ✓	no	not applicable

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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 ✓	no	not applicable
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H.2 Climate

Attachment included	yes	no ✓	not applicable
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H.3 Cultural Heritage

Attachment included	yes	no ✓	not applicable
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H.4 Ecology

Attachment included	yes	no ✓	not applicable
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H.5 Human Beings

Attachment included	yes	no ✓	not applicable
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H.6 Hydrogeology

Attachment included	yes	no ✓	not applicable
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H.7 Landscape

Attachment included	yes	no ✓	not applicable
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H.8 Noise

Attachment included	yes	no ✓	not applicable
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H.9 Discharge to Surface Water

Attachment included	yes	no ✓	not applicable
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H.10 Discharge to Sewer

Attachment included	yes	no ✓	not applicable
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Table H.10: DETAILS OF DISCHARGES TO SEWER
(ONE TABLE PER EMISSION POINT)

Emission Point Ref. N°:	TEM		
Name of emission point:	Trade Effluent Monitoring Location		
Source of emission:	Binwash and		
Location of sewer connection:	Outside of Plant		
Grid Ref. (12 digit, 6E, 6N):			
Date of commencement:	14 th December 1999		
Name of sewer undertaker:	South Dublin County Council		
Periods of emission (avg.):	60 min/hr	24 hr/day	364 day/yr
Volume to be emitted:	Average/day:		24 m ³ /d
	Maximum rate/hour:		1.67 m ³ /h
	Maximum rate/day:		40 m ³ /d
Name of receiving water:	Effluent Sewer		
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 type="checkbox"/>	no <input type="checkbox"/>	not applicable <input checked="" 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 type="checkbox"/>	no <input type="checkbox"/>	not applicable <input checked="" type="checkbox"/>
Attachment included	yes <input type="checkbox"/>	no <input type="checkbox"/>	not applicable <input checked="" type="checkbox"/>

J.2 Ecological

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

J.3 Groundwater

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

J.4 Air

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



J.5 Sewer Discharge

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

J.6 Meteorological Data

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

J.7 Noise

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

J.8 Odours

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

J.9 Surface Water

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



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 <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
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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 [x]

* 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:

Table with 6 columns: Offence, Person/Body Corporate, Date, Court, Fine, Costs. The table is currently empty.

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 [x]

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
Niall Wall	CEO	Managing Director	
Vivienne Gillen	Commercial Director	Chief Liason with Hospitals	Member of Institute of Waste Management
Joe Lynch	Operations Manager	Operation of the facility on an ongoing basis	MBA
Enda Maxwell	LCO/HSM	EHS Compliance Issues	MSc Scientific Technology BSc Science with Business DGSA
Tony Hutchins	Engineering Manager	Engineering Issues	

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 of Application	
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 of Application	
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 of Application	
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 B.1 of	
-----------------	----------------	--



	Application	
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	Section A of Attachments	
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 B.6 of Application	
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 B.8 of Application	
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	Section D.3 of Attachments	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

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

LOCATION	Section D.2 of Attachments	
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CHECKED <input type="checkbox"/>	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>
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(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	Section A.1 of Attachments	
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	All of Section C of Attachments	
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	All of Section C of Attachments	
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	Within Section B of Attachments	
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	Section D.2 of Application	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

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- (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	Section H of Attachments	
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	Section G of Attachments	
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	Submitted within Attachments	
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 B.9 of Application	
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	Section B.5 of Attachments	
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	Section B.5 of Attachments	
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		
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	Section B of Attachments	
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	Section B of Attachments	
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	Section B of Attachments	
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	N	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>
15 COPIES OF EIS INCLUDED ? Y/N	N	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>
LOCATION		
CHECKED	Applicant <input 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:	
Print name:	Niall Wall
Date:	16/2/04
Position in organisation:	Chief Executive
On behalf of (name of organisation):	Sterile Technologies Irl.

*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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Consent is copyright owner required for any other use.



1.1 AIR EMISSIONS

(ONE TABLE PER EMISSION POINT)

Emission Point Ref. N^o:	To be determined		
Name of emission point:	A4		
Source of Emission:	Steam Sterilisation Unit		
Location of emission point:	Rear of Unit 420 Beech Road		
Grid Ref. (12 digit, 6E, 6N):	231398E 309143N		
Date of commencement:	To be determined		
Periods of emission (avg.):	60 min/hr	24 hr/day	364 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: To be determined		
Vent height above ground: To be determined		
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