

Waste Licence Applications  
Environmental Protection Agency  
Johnstown Castle  
County Wexford.

05/12/01

**Indaver Ireland – Waste Management Facility,  
Carranstown, Co. Meath**

Dear Sir/ Madam,

Please find attached a completed waste licence application for Indaver Ireland's proposed waste management facility at Carranstown, Duleek, Co. Meath.

This application includes Volume I: The completed application form and application attachments A – D; Volume II: application attachments E – L (volume II). One original copy of each volume is included plus an additional seven copies.

Also attached are seventeen copies of the:

- Environmental Impact Statement
- Environmental Impact Statement attachments
- Environmental Impact Statement – Additional Information

Finally, please find attached a cheque in relation to the application fee to the value of £15,000.

I trust that this application is to your satisfaction.

Yours Sincerley,



Laura Burke  
Project Manager  
Indaver Ireland

# CD Placeholder

This page denotes that a CD entitled 'Carranstown Waste Management Facility, Waste Licence Application November 2001' was submitted as part of this licence application.

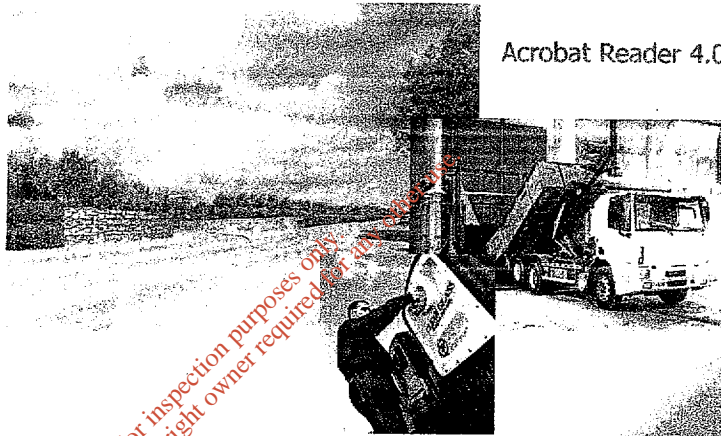
The CD is held by the EPA at

Licensing Unit,  
OLG,  
EPA,  
P.O. Box 3000  
Johnstown Castle Estate,  
Wexford.

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# Carranstown Waste Management Facility Waste Licence Application

Acrobat Reader 4.0



**INDAVER**  
IRELAND

November 2001



# Waste Licensing

## Waste Recovery/Disposal Activities (other than landfill)

# Application Form

EPA Ref. N <sup>o</sup> : <i>(Office use only)</i>	167-1
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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

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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.**

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

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**\* Please note that as there is only one A0 drawing included in this application, all drawings have been inserted in the relevant attachment for ease of reading. This has been confirmed as satisfactory with the Environmental Protection Agency.**



*Carronskown*

**B.1 Applicant's Details**

**Name\*:** Indaver Ireland (Branch of Indaver NV)  
**Address:** 4 Haddington Terrace  
 Dun Laoghaire  
 Co Dublin  
**Tel:** 01 2145830  
**Fax:** 01 2807865

\* 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:** As above  
**Address:**  
  
**Tel:**  
**Fax:**

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

**Address:** Indaver NV  
 Poldervlietweg B-2030  
 Antwerp 3  
 Belgium  
**Tel:** 0032 3568 4940  
**Fax:** 0032 3568 4998

**LEGAL**

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.

Indaver Ireland company registration details, a list of company representatives, an official letter confirming that Indaver Ireland has been registered as a branch of Indaver NV and a Certificate of Incorporation for Indaver NV are included in Attachment B1.

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

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

**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:** Mrs Mary-Anne Campbell  
 Quinn & Mrs Geraldine  
 Elizabeth Campbell  
 O'Brien  
 (See Figure B1.1 in  
 Attachment B1.4 for  
 applicants ownership  
 details)

**Address:** Carranstown  
 Duleek  
 Co Meath  
 (Indaver NV have an option  
 agreement subject to  
 planning permission and  
 licences)

**Tel:**  
**Fax:**

**Name:**  
**Address:**

**Tel:**  
**Fax:**

\*Current at the time the application is submitted

**Location of Activity**

**Name:** Indaver Ireland  
**Address\*:** Waste Management Facility  
 Carranstown  
 Duleek  
 Co. Meath  
**Tel:** Not available  
**Fax:** Not available

\* Include any townland

<b>National Grid Reference (8 digit 4E,4N)</b>	3063E, 2709N
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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 relevant maps and drawings are included in Attachment B2.

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

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

**B.2 Planning Authority**

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

**Name:** Meath County Council  
**Address:** Railway Road  
 Navan  
 Co Meath  
**Tel:** 046 21581  
**Fax:** 046 21463

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?

<b>Planning Authority notified</b>	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 checked="" type="checkbox"/>
is not yet applied for	<input type="checkbox"/>
is not required	<input type="checkbox"/>

Local Authority Planning File Reference No.:	01/4014
--	---------

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.

A notification of a decision to grant planning permission has been received from Meath County Council, a copy of which is included in Attachment B3. This decision to grant is subject to an appeal with An Bord Pleanala (File Ref. No. PL 17.126.307). Indaver Ireland has appealed part of Condition 3. A copy of Indaver's appeal is included in Attachment B3.2.

**B.3 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.

There will be no trade effluent generated at the site and therefore this section is not applicable.

Name: Not Applicable  
Address: \_\_\_\_\_

Tel: \_\_\_\_\_  
Fax: \_\_\_\_\_

Waste water treatment plant  
Name: Not Applicable  
Address: \_\_\_\_\_

Tel: \_\_\_\_\_  
Fax: \_\_\_\_\_

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.4 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.

Copies of all of the above are included in Attachment B5.

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**B.5 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.**

The relevant boxes that apply to the waste management facility are ticked in the table below. The reasons for applicability are described in Attachment B6.1.

**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).		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.	P
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.6 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
£5,000	Recovery of Waste
£10,000	Disposal of Waste (>100 kilo tonnes/yr)

A total fee of £15,000 applies to the waste management facility.

**B.7 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**

This table has been expanded and included in Attachment B8.1.

Year	Non-hazardous waste (tonnes per annum)	Hazardous waste (tonnes per annum)	Total annual quantity of waste (tonnes per annum)



**B.8 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.

<b>Regulations Apply</b>	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.

The above legislation has been amended by SI No. 476 of 2000. These regulations do not apply to this non-hazardous waste management facility as the quantities of materials on site relevant to the above regulations will be well below the threshold values, as is described in detail in Attachment B9.1.

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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**

The existing air quality is described in detail in Section 4.1 and 4.2 of the Environmental Impact Statement (EIS) accompanying this licence application.

Copies of the Ambient Air Quality Monitoring Report (TMS Environment Ltd., October 2000) and Baseline Dioxin Level Survey (ASEP, September 2000) are included in Attachments 4 and 3 respectively of the EIS.

A three month PM<sub>10</sub> baseline study will be carried out at the site, the results of which will be forwarded to the EPA when available.

<b>Attachment included</b>	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	not applicable <input type="checkbox"/>
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**C.2 Climate**

Existing climatic data and a summary of the data are provided in Attachment C2.

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

A copy of the Archaeological Impact Assessment of a Proposed Development at Carranstown, Co. Meath (Archaeological Development Services Ltd., May 2000) is included in Attachment 11 of the Environmental Impact Statement (EIS) accompanying this licence application.

A summary of the existing cultural heritage is included in Attachment C3.

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

A copy of the Assessment of Impact on Flora and Fauna by Proposed Development at Carranstown, Co. Meath (Biosphere Environmental Services, June 2000) is included in Attachment 10 of the Environmental Impact Statement (EIS) accompanying this licence application.

A summary of the existing ecological environment is included in Attachment C4.

<b>Attachment included</b>	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
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**C.5 Human Beings**

A summary of the existing human environment and an aerial photograph showing the existing land uses are included in Attachment C5.

<b>Attachment included</b>	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
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**C.6 Hydrogeology**

A copy of the Soil and Hydrogeological Investigation (KT Cullen & Co. Ltd., July 2000) is included in Attachment 9 of the EIS.

A summary of the existing hydrogeology, additional hydrogeological works undertaken as required under the licence application and completed waste licence application hydrogeological tables 1.5 and 1.12 are included in Attachment C6.

<b>Attachment included</b>	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
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**C.7 Landscape**

The existing landscape is described in detail in Sections 6.1 and 6.2 of the Environmental Impact Statement (EIS) accompanying this licence application.

A copy of the Visual Impact Assessment Report (Wilson Associates, October 2000) is included in Attachment 7 of the EIS.

A summary of the existing landscape, topographical survey drawing and an aerial photograph showing the existing land uses are included in Attachment C7.

<b>Attachment included</b>	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
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**C.8 Noise**

The existing noise environment is described in detail in Section 5.2 of the Environmental Impact Statement (EIS) accompanying this licence application and Section 2.9.1 of the EIS Additional Information.

A copy of the Baseline Noise Study at Carranstown, Co. Meath (Eanna O’Kelly & Associates, Consultant Acoustic Engineers, July 2000) is included in Attachment 6 of the EIS.

An additional baseline noise survey and completed waste licence application noise table 1.8 are included in Attachment C8.

<b>Attachment included</b>	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
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**C.9 Surface Water**

The existing surface water is described in detail in Section 9.2 of the Environmental Impact Statement (EIS) accompanying this licence application and Section 2.3 of Attachment 9 of the EIS.

A map showing the surface water catchment, surface water bodies and surface water supplies in the vicinity of the proposed site is included in Attachment C9.

<b>Attachment included</b>	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
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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	
D.1.b	Designs for facility roads	Y	
D.1.c	Design of hard-standing areas	Y	
D.1.d	A weighbridge	Y	
D.1.e	A wheel-wash	N	A wheelwash is not required as all roads will be hard-surfaced
D.1.f	Laboratory facilities	N	Fixed installed emissions monitoring equipment will be installed
D.1.g	Fuel storage areas	Y	
D.1.h	Waste quarantine areas	Y	
D.1.i	Waste inspection areas	Y	
D.1.j	Traffic control	Y	
D.1.k	All services	Y	
D.1.l	Sewerage and surface water drainage infrastructure	Y	
D.1.m	Plant sheds, garages and equipment compound	Y	
D.1.n	Facility accommodation	Y	
D.1.o	A fire control system, including water supply	Y	
D.1.p	Civic amenity facilities	Y	Community Recycling Park
D.1.q	Any other waste recovery infrastructure	Y	Materials Recycling Facility
D.1.r	Any other infrastructure	Y	Staff Facilities





**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.

A description of all unit operations at the site, process flow diagrams and relevant drawings are included in Attachment D2.

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

**Attachment D.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*.

The inputs to and outputs from the community recycling park, materials recycling facility and waste to energy plant are detailed in Attachment D3.

<b>Attachment included</b>	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.

Section E1 does not apply as this is a new waste management facility and therefore there is no existing waste.

**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		
<b>OTHER HAZARDOUS WASTE (APPLICANT TO SPECIFY)</b>		

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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"/>	



**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"/>	
	<input type="checkbox"/>	
	<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**

This table has been expanded and included in Attachment E2.1.

<b>WASTE TYPE</b>	<b>TONNES PER ANNUM</b>	<b>TOTAL (over life of site) tonnes</b>
<b>Household waste collected by or on behalf of the local authority</b>		
<b>Household waste delivered to civic waste facilities and other bring facilities</b>		
<b>Other household waste</b>		
<b>Commercial Waste</b>		
<b>Sewage Sludges</b>		
<b>Construction and Demolition Waste</b>		
<b>Industrial Sludges</b>		
<b>Industrial waste not elsewhere specified</b>		
<b>Hazardous Waste</b>		

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**TABLE E.2.2 HAZARDOUS WASTE TYPES AND QUANTITIES**

This table has been expanded and included in Attachment E2.1.

<b>HAZARDOUS WASTE</b>	<b>DETAILED DESCRIPTION</b>	<b>Tonnes Per Annum</b>
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		
Agrochemical Wastes		
Infectious Healthcare Waste		
Photographic Processing Waste		
Paint, inks, adhesives and resins		
Batteries and accumulators		
Florescent tubes and other mercury containing waste		
<b>OTHER HAZARDOUS WASTE (APPLICANT TO SPECIFY)</b>		

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**TABLE E.2.3 NON-HAZARDOUS WASTE TYPES**

This table has been expanded and included in Attachment E2.1.

<b>INERT WASTE</b>	<b>Check (if accepted)</b>	<b>Additional Information</b>
Stones and Soil	<input type="checkbox"/>	
Topsoil	<input type="checkbox"/>	
Brick	<input type="checkbox"/>	
Natural Sand	<input type="checkbox"/>	
Concrete	<input type="checkbox"/>	
Pottery & China	<input type="checkbox"/>	
Asphalt, tar and tarred products	<input type="checkbox"/>	
<b>BIODEGRADABLE WASTE</b>	<b>Check (if accepted)</b>	<b>Additional Information</b>
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"/>	
Street Cleaning Residues	<input type="checkbox"/>	
Gully Emptyings	<input type="checkbox"/>	
Septic Tank Sludge	<input type="checkbox"/>	
Dredging spoil	<input 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"/>	



**TABLE E.2.4 OTHER WASTES**

This table has been expanded and included in Attachment E2.1.

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

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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.

Facility opening times are detailed in Attachment E3.

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.

This facility has not yet been constructed. However, draft waste acceptance procedures for the waste to energy plant and materials recycling facility have been prepared and are included in Attachment E3.

Attachment included yes [checked] no [ ] not applicable [ ]

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.

This facility has not yet been constructed. However, draft waste handling procedures for the waste to energy plant and materials recycling facility have been prepared and are included in Attachment E4.

Attachment included yes [checked] no [ ] not applicable [ ]

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*.

Raw materials and energy usage are detailed in Attachment E5. Also included is completed waste licence application table 1.10.

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.

Plant requirements are detailed in Attachment E6.

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**

Details of aerosol control are included in Attachment F1.

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

**F.2 Bird Control**

Details of bird control are included in Attachment F2.

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

**F.3 Dust Control**

Details of dust control are included in Attachment F3.

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

**F.4 Fire Control**

Details of fire control are included in Attachment F4.

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

**F.5 Litter Control**

Details of litter control are included in Attachment F5.



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

**F.6 Odour Control**

Details of odour control are included in Attachment F6.

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

**F.7 Roads Cleansing**

Details on roads cleansing are included in Attachment F7.

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

**F.8 Traffic Control**

Details of traffic control are included in Attachment F8.

Copies of the Traffic Impact Assessment Report (Atkins Mc Carthy, January 2001) and The Traffic Impact Assessment – Further Information Report (Atkins Mc Carthy, June 2001) are included in Attachment 8 of the EIS and Attachment B of the EIS Additional Information respectively.

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

**F.9 Vermin Control**

Details of vermin control are included in Attachment F9.

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



**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.

Information on the proposed decommissioning strategy is included in Attachment G1.

<b>Attachment included</b>	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.

Due to the nature of this facility (i.e. as no materials will be stored or landfilled on site) there will be no emissions from this facility after cessation of activities and decommissioning. Therefore, an aftercare management plan will not be required and this attachment is not applicable.

<b>Attachment included</b>	yes <input type="checkbox"/>	no <input type="checkbox"/>	not applicable <input checked="" 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**

The impact of the facility on air quality, air dispersion modelling report, dioxin intake modelling report, a drawing showing locations of air emission points and completed waste licence application tables 1.1, 1.2 and 1.4 are included in Attachment H1.

<b>Attachment included</b>	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
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**H.2 Climate**

The impact of the facility on climate is included in Attachment H2.

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

The impact on cultural heritage is described in detail in Sections 12.3, 12.4 and 12.5 of the Environmental Impact Statement (EIS) accompanying this licence application.

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

The impact of the facility on ecology is included in Attachment H4.

<b>Attachment included</b>	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
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**H.5 Human Beings**

The impact of the facility on human beings is included in Attachment H5.

<b>Attachment included</b>	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
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**H.6 Hydrogeology**

The impact of the facility on hydrogeology, a drawing showing the location of the effluent treatment system and percolation area, pamphlet on Puraflo and completed waste licence application table 1.6 are included in Attachment H6.

<b>Attachment included</b>	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
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**H.7 Landscape**

The visual impact is described in detail in Sections 6.3, 6.4 and 6.5 and Attachment 7 of the Environmental Impact Statement (EIS) accompanying this licence application.

<b>Attachment included</b>	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	not applicable <input type="checkbox"/>
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**H.8 Noise**

A copy of the Noise Modelling Report, April 2001 is contained in Attachment I of the EIS Additional Information.

The impact of noise emissions from the facility, a drawing showing the location of the noise emission points and completed waste licence application table 1.7 are included in Attachment H8.

<b>Attachment included</b>	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
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**H.9 Discharge to Surface Water**

The proposed discharge to surface water from the facility, drawings showing the proposed site drainage layout, proposed site paving layout and location of the surface water discharge point and completed waste licence application table 1.14 are included in Attachment H9.

<b>Attachment included</b>	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
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**H.10 Discharge to Sewer**

There will be no trade effluent or domestic discharge to sewer during either the construction or operational phases of the development. However, sanitary waste details are included in Attachment H10.

Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
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**H.11 Wastes Arising**

Details of wastes arising, the LAGA Standard for Ash, the DIN Standard for Ash and typical analyses of boiler ash and flue gas cleaning residues from a similar Indaver facility are included in Attachment H11.

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

As this waste management facility is a new facility, this section is not applicable.

<b>Attachment included</b>	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.

As this waste management facility is a new facility, an EMS is not currently available. However, an introduction to Indaver Ireland Environmental and Quality Management Systems, an index of current procedures and a number of key procedures such as document control and amendment, internal audit and non-conformance are included in Attachment I2.

<b>Attachment included</b>	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.

The proposed environmental monitoring programme for the site, a copy of the AMESA dioxin/furan monitoring system brochure and drawings showing the locations of proposed monitoring points are included in Attachment J1.

**Dust**

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

**Ecological**

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

**Groundwater**

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

**Air**

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



**Sewer Discharge**

There will be no discharge to Meath County Council sewer as there will be a domestic sewerage treatment system on site, details of which are included in Attachment H6.

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

**Meteorological Data**

It is not proposed to install a meteorological station on site.

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

**Noise**

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

**Odours**

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

**Surface Water**

Surface water run-off will pass through oil interceptors and therefore will be free of contamination. As an emission to surface waters will only occur during periods of prolonged heavy rainfall (i.e. 1 in 20 year storm), it is not proposed to carry out any monitoring.

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

Contingency arrangements such as emergency response, emergency shutdown and fire fighting proposals and storage and containment details are included in Attachment K1.

<b>Attachment included</b>	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

\* 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.

Neither Indaver Ireland or MinChem Environmental Services Ltd. have even been convicted of any offence under the Waste Management Act, 1996 as amended or any other environmental legislation.

<b>Attachment included</b>	yes <input type="checkbox"/>	no <input type="checkbox"/>	not applicable <input checked="" type="checkbox"/>
----------------------------	------------------------------	-----------------------------	--



**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**.

Details of site management structure including an organisation chart, technical competence, responsibilities, etc. are included in Attachment L2. In addition, copies of Indaver Ireland’s training procedure and training matrix, Environmental, Safety and Quality Policies are included.

<b>Attachment included</b>	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

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**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.

Details on insurance cover and contingency cover are included in Attachment L3.



Copies of Indaver NV 1999 and 2000 Annual Reports are being submitted to the Agency as confidential information. These reports contain the two most recent years audited accounts including balance sheets. In addition, Indaver Ireland's 2000 Accounts are being submitted to the Agency as confidential information.

**Attachment included**

yes

no

not applicable

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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,

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

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

<b>LOCATION</b>		
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <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,

<b>LOCATION</b>		
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <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,

<b>LOCATION</b>		
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <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,

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

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

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

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

<b>LOCATION</b>		
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <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,

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

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

<b>LOCATION</b>		
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <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,





<b>LOCATION</b>		
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <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,

<b>LOCATION</b>		
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <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,

<b>LOCATION</b>		
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <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,

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

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

<b>LOCATION</b>		
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <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,



<b>LOCATION</b>		
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <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,

<b>LOCATION</b>		
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <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,

<b>LOCATION</b>		
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <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,

<b>LOCATION</b>		
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <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		
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		
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		
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		
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		
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"/>
15 COPIES OF EIS INCLUDED? Y/N	Y	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>
LOCATION		
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>



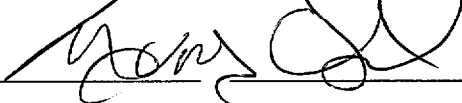
**N. DECLARATION**

**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.

<b>Signature:</b>	
<b>Print name:</b>	LAURA BURKE
<b>Date:</b>	26/11/01
<b>Position in organisation:</b>	PROJECT MANAGER
<b>On behalf of (name of organisation):</b>	INDAVER IRELAND

*\*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