



Waste Licence Application Form for Waste Soils* Recovery Facilities

(*limited to uncontaminated natural soils, sub-soils, stone & rock)

EPA Ref. N^o:
(Office use only)

This document does not purport to be and should not be considered a legal interpretation of the provisions and requirements of the Waste Management Acts 1996 to 2008.

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Environmental Protection Agency
Application for a Waste Licence

WASTE MANAGEMENT ACTS 1996 to 2008

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INTRODUCTION

A valid application must contain the information prescribed in the Waste Management (Licensing) Regulations 2004 (SI No. 395 of 2004). **The applicant is strongly advised to read the *Application Guidance Notes for Waste Soils Recovery Facilities*, available from the EPA. For the purposes of this application form the term ‘Soils Recovery Facility’ is intended to mean a facility for the recovery, via land reclamation/redevelopment, of uncontaminated natural earth-forming materials such as soil, sub-soils, stone & rock.**

The applicant must conform to the format set out in the guidance notes for applications. Each page of the completed application form must be numbered, e.g. *page 5 of 4* etc. Also duplicated pages from the application form should be uniquely numbered, e.g. page 5(i) of 45 etc. **The basic information should for the most part be supplied in the spaces given in application form** and any supporting documentation should be supplied as attachments, as specified. Consistent measurement units must be used throughout.

The applicant should note that the application form has been structured so that it requires information to be presented in an order of progressive detail.

When it is found necessary, additional information may be provided on supplementary attachments which should be clearly cross-referenced with the relevant sections in the main document.

While all sections in the application form may not be relevant to the activity concerned, the applicant should look carefully through all aspects of the form and provide the required information, in the greatest possible detail.

All maps/drawings/plans must be no larger than A3 size and scaled appropriately such that they are clearly legible. In exceptional circumstances, where A3 is considered inadequate, a larger size may be requested by the Agency.

Information supplied in this application, including supporting documentation will be put on public display and open to inspection by any person. Should the applicant consider information to be confidential, this 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*”. In the event that information is considered to be of a confidential nature, then the nature of this information, and the reasons why it is considered confidential (with reference to the “Access to Information on the Environment” Regulations) should be stated in the Application Form, where relevant.

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.

CHECKLIST

Articles 12 and 13 of the Waste Management (Licensing) Regulations, 2004 (S.I. No. 395 of 2004) 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 2004 Regulations, all applicants should **complete** the following checklist.

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, the operator of the facility concerned), the address to which correspondence relating to the application should be sent and, if the applicant or operator is a body corporate, the address of its registered office or principal office,

LOCATION	Section B1	
CHECKED	Applicant ✓	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 B3	
CHECKED	Applicant ✓	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 water services authority, give the name of the water services authority in which the sewer is vested or by which it is controlled,

LOCATION	Section B4	
CHECKED	Applicant ✓	Official <input type="checkbox"/>

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

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

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(e) describe the nature of the facility or premises concerned, including the proposed capacity of the facility or premises,

LOCATION	Attachment B6 and H1	
CHECKED	Applicant ✓	Official <input type="checkbox"/>

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

LOCATION	Section B7.1	
CHECKED	Applicant ✓	Official <input type="checkbox"/>

(g) specify, by reference to the relevant European Waste Catalogue codes as presented by Commission Decision 2000/532/EC of 3 May 2000, the quantity and nature of the waste or wastes which will be treated, recovered or disposed of,

LOCATION	Attachment H1	
CHECKED	Applicant ✓	Official <input type="checkbox"/>

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

LOCATION	Attachment G	
CHECKED	Applicant ✓	Official <input type="checkbox"/>

(i) describe the plant, methods, processes, ancillary processes, abatement, recovery and treatment systems and operating procedures for the activity,

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

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

LOCATION	Attachment L1	
CHECKED	Applicant ✓	Official <input type="checkbox"/>

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- (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	Attachments E2, and E4	
CHECKED	Applicant ✓	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 those into which the emissions are, or are to be made, and of proposed measures to prevent or eliminate or, where that is not practicable, to limit or abate such emissions,

LOCATION	Attachments 11,12,14,15,16 and 17	
CHECKED	Applicant ✓	Official <input type="checkbox"/>

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

LOCATION	Attachments F2, F3, F6 and F7	
CHECKED	Applicant ✓	Official <input type="checkbox"/>

- (n) describe any proposed arrangements for the prevention, minimisation and recovery of waste arising from the activity concerned,

LOCATION	Attachments D2 and H3	
CHECKED	Applicant ✓	Official <input type="checkbox"/>

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

LOCATION	Not Applicable	
CHECKED	Applicant	Official <input type="checkbox"/>

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

LOCATION	Attachment J	
CHECKED	Applicant ✓	Official <input type="checkbox"/>

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

LOCATION	Attachment K	
CHECKED	Applicant ✓	Official <input type="checkbox"/>

(r) give particulars of such financial provision as is proposed to be made by the applicant to fulfil any financial commitments or liabilities that may arise, having regard to section 53(1) of the Act,

LOCATION	Attachments L2	
CHECKED	Applicant ✓	Official <input type="checkbox"/>

(s) in the case of an activity which gives rise or could give rise to an emission into an aquifer containing the List I and II substances specified in the Annex to Council Directive 80/68/EEC of 17 December 1979, describe the existing or proposed arrangements necessary to give effect to Articles 3,4,5,6,7,8,9 and 10 of the aforementioned Council Directive.

LOCATION	Attachments E1 and E4	
CHECKED	Applicant ✓	Official <input type="checkbox"/>

(t) include a non-technical summary of information provided in relation to the matters specified in paragraphs (a) to (t) of this sub-article,

LOCATION	Attachment A	
CHECKED	Applicant ✓	Official <input type="checkbox"/>

Article 12(4) Without prejudice to Article 13(1) and (2), an application for a licence shall be accompanied by -

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

LOCATION	Attachment B6	
CHECKED	Applicant ✓	Official <input type="checkbox"/>

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

LOCATION	Attachment B6	
CHECKED	Applicant ✓	Official <input type="checkbox"/>

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

LOCATION	Attachment B6	
CHECKED	Applicant ✓	Official <input type="checkbox"/>

(d) a copy of such plans (appropriately scaled and no larger than A3 size), including a site plan or plans and location map or maps, 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	Attachment B6	
CHECKED	Applicant ✓	Official <input type="checkbox"/>

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

LOCATION	Attachments E2, E4 and E5	
CHECKED	Applicant ✓	Official <input type="checkbox"/>

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

LOCATION	Attachments F2,F3,F6 and F7	
CHECKED	Applicant <input type="checkbox"/>	Official <input type="checkbox"/>

(e) such fee as is appropriate having regard to the provisions of articles 40 and 41.

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

Article 12(5)(a) & (b) An application shall comprise 1 signed original of the application and 1 hardcopy plus 2 copies of all files in electronic searchable PDF format on CD-Rom.

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

CD OF PDF FILES PROVIDED? Y/N	Y	
CHECKED	Applicant ✓	Official <input type="checkbox"/>

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Article 13 Where a development requires an Environmental Impact Assessment to be carried out, 1 signed original and 1 hardcopy of the environmental impact statement plus 15 copies in electronic searchable PDF format on CD-ROM should accompany this application.

EIA REQUIRED ? Y/N	N	
CHECKED	Applicant <input type="checkbox"/>	Official <input type="checkbox"/>
2 HARD COPIES OF EIS INCLUDED ? Y/N	N	
CHECKED	Applicant <input type="checkbox"/>	Official <input type="checkbox"/>
15 CD versions of EIS, as PDF files, PROVIDED? Y/N	N	
CHECKED	Applicant <input type="checkbox"/>	Official <input type="checkbox"/>

Consent of copyright owner required for any other use.
For internal purposes only.

PROCEDURES

It is recommended that pre-application consultation with the Agency is undertaken before a formal submission of the waste licence application.

The procedure for making and processing of applications for waste licences, and for the processing of reviews of such licences, appear in the Waste Management (Licensing) Regulations 2004 (S.I. No. 395 of 2004), as amended, and are summarised below. The application fees that shall accompany an application are listed in the Second Schedule to the Regulations.

Prior to submitting an application the applicant must publish in a local newspaper, and erect on site, a notice of intention to apply. An applicant, other than a local authority in whose functional area the development is located, must also notify the Local Planning Authority, in writing, of their intention to apply.

An application for a licence must be submitted on the appropriate form (available from the Agency) with the correct fee, and should contain relevant supporting documentation as attachments. The application should be based on responses to the form, supporting written text and the appropriate use of tables and drawings. Where point source emissions occur, a system of unique reference numbers should be used to denote each emission point. These should be simple, logical, and traceable throughout the application.

The application form is divided into a number of sections of related information. The purpose of these divisions being to facilitate both the applicant and the Agency in the provision of the information and its assessment. Attachments should be clearly numbered, titled and paginated and must contain the required information as set out in the application form. Additional attachments may be included to supply any further information supporting the application. Any references made should be supported by a bibliography.

All questions should be answered. No two waste management facilities are 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. This 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 be aware that a contravention of the conditions of a waste licence is an offence under Section 39 of the Waste Management Acts 1996 to 2008.

The provision of information in an application for a waste licence which is false or misleading is an offence under Section 45 of the Waste Management Acts 1996 to 2008.

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

- *All drawings submitted should be title, dated and signed.*
- *All Drawings must be numbered uniquely in numerical sequence (starting at 1) throughout the application (i.e. Drawing 1, Drawing 2 etc.).*
- *They should indicate a scale and 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 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. All drawings should, however, be A3 or less and of an appropriate scale such that they are clearly legible. Provide legends on all drawings and maps as appropriate.*

The provision of information in an application for a waste licence, which is false or misleading, is an offence under s45 of the Acts.

SECTION 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) (u) of the Waste Management (Licensing) Regulations, S.I. 395 of 2004.

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

SECTION B GENERAL

B.1 Applicant's Details

Name*: C H I Environmental Ltd

Address: Dunbrinn

Grannagh

Kilmacow

Via Waterford

Tel: 051 830788

Fax: 051 830788

e-mail: chienvironmental@gmail.com

* This should be the name of the applicant which is current on the date this Waste Licence Application is lodged with the Agency. It should be the name of the legal entity (which can be a limited company or a sole trader). A trading/business name is not acceptable.

Name and Address for Correspondence

Only application documentation submitted by the applicant and by the nominated person will be deemed to have come from the applicant.

Name: Robert Murphy

Address: Dunbrinn

Grannagh

Kilmacow

Via Waterford

Tel: 086 3834177

Fax: 051 830788

e-mail: chienvironmental@gmail.com

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

Address: Dunbrinn

Grannagh

Kilmacow

Via Waterford

Tel: 086 3834177

Fax: 051 830788

e-mail: chienvironmental@gmail.com

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.

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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)	

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:

e-mail:

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).

An appropriately scaled drawing (≤A3) showing the above details should be included in Attachment B1.

Name: C H I Environmental Ltd

Address: Dunbrinn

Grannagh

Kilmacow

Via Waterford

Tel: 051 830788

Fax: 051 830788

e-mail: chienviroental@gmail.com

*Current at the time the application is submitted

B.2 Location of Activity

Name: The Quarry,

Address*: Grannagh

Kilmacow

Via Waterford

Tel: 051 830788

Fax: 051 830788

e-mail: chienviroental@gmail.com

* Include any townland

National Grid Reference (8 digit 4E,4N)	5216N, 0709W
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Location maps ($\leq A3$), appropriately scaled, with legible grid references should be enclosed in **Attachment B.2**. The site boundary must be outlined on the map in colour.

B.3 Planning Authority

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

Name: **Kilkenny County Council**

Address: **County Hall**

Johns Street

Kilkenny

Tel: **056 7794000**

Fax: **056 7794004**

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?

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

Planning Permission relating to this application:

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

Local Authority Planning File Reference N^o:	P06/772
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B.3.1 Environmental Impact Statement (EIS)

Is an Environmental Impact Statement (EIS) required for this activity¹?

¹ Waste Disposal or Recovery activity >25,000 tonnes per annum requires an EIS (S.I. No. 349 of 1989: European Communities (Environmental Impact Assessment) Regulations, 1989.)

Any change or extension of development which would result in an increase in size greater than 25%, or an amount equal to 50% of the appropriate threshold, whichever is the greater. (S.I. No. 93 of 1999 European Communities (Environmental Impact Assessment)(Amendment) Regulations, 1999).

EIS required	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
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If yes, a copy of the EIS should accompany the waste licence application.

Attachment B.3 should contain *the most recent* planning permission, including a copy of *all* conditions, and the required copies of any EIS should also be enclosed. For existing activities, **Attachment B.3** should also contain copies of the most recent waste licence and any permits in force at the time of submission. Where planning permission is not required for the development, provide reasons, relevant correspondence, *etc.* If a certification/declaration of exemption applies, please state this and supply a copy of the certificate/declaration of exemption.

B.4 Water Services 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 water services authority or other body, give the name of the water services 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:	Kilkenny County Council
Address:	County Hall
	Johns Green
	Kilkenny
Tel:	056 7794000
Fax:	056 7794004

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 Other Authorities

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

Within SFADCo. Area	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
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The applicant should indicate the **Health Services Executive Region** where the activity is or will be located.

Name:	South Eastern Health Board
Address:	Lacken
	Dublin Road
	Kilkenny
Tel:	056 7784100
Fax:	056 7784388

B.6 Notices and Advertisements

Articles 6 and 7 of the Waste Management (Licensing) Regulations 2004 requires all applicants to advertise the application in a newspaper and by way of a site notice. See *Guidance Note*.

Attachment B.6 should contain a copy of the site notice and an appropriately scaled drawing ($\leq A3$) 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 original and three copies of the application.

B.7 Type of Waste Activity, Tonnages & Fees

B.7.1 Specify the class or classes of activity in Table B.7.1, in accordance with the Fourth Schedule to the Waste Management Acts 1996 to 2008, to which the application relates (check the relevant boxes and mark the principal activity with a ‘P’).

Attachment B.7 should identify the principle activity and include a brief technical description of each of the other activities specified. **There can only be one principal activity.**

TABLE B.7.1 FOURTH SCHEDULE OF THE WASTE MANAGEMENT ACTS 1996 TO 2008

FOURTH SCHEDULE Waste Recovery Activities	Y/N
2. Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological processes).	Y
4. Recycling or reclamation of other inorganic materials.	P
10. The treatment of any waste on land with a consequential benefit for an agricultural activity or ecological system.	
11. Use of waste obtained from 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 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.	Y

TABLE B.7.2 MAXIMUM ANNUAL TONNAGE

The maximum annual tonnage of wastes to be handled at the site should be indicated. Identify the total capacity and expected lifetime (years) of the facility or activity.

Maximum Annual Tonnage (tpa)	175,000
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B.7.3 FEES

State which fee is being submitted as per Part I of the Second Schedule of the Waste Management (Licensing) Regulations 2004, S.I. No. 395 of 2004.

Waste Activity	Fee € 10,000
Recovery of Waste (4)	€10,000 (New application) €6,000 (Review application)

B.8 ARTICLE 11 DECLARATION ON TYPE OF WASTE AUTHORISATION

State whether the Environmental Protection Agency has issued a declaration under Article 11 of the Waste Management (Facility Permit and Registration) Regulations 2007, as amended, in relation to the type of authorisation required for the proposed activity.

Article 11 Declaration	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
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If yes, **Attachment B.8** should include a copy of the declaration.

SECTION C MANAGEMENT OF THE FACILITY

Advice on completing this section is provided in the *Guidance Note*.

C.1 Technical Competence and Site Management

This information should form **Attachment C 1**.

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 C 1**.

Name	Position	Duties and Responsibilities	Experience /Qualifications
Bob Murphy	Facility Manager	Liaise with regulatory Authorities: Ensure compliance with waste management consents; Management of the site, clients, contractors, plant and human resources.	4 years experience managing existing waste facility/ FAS Waste Management Course
External Consultant (Billy Moore)	Environmental Consultant	Managing existing/ proposed environmental monitoring programme	BSc + minimum 3 years experience

C.2 Environmental Management System

Attachment C 2 should contain an outline of the Environmental Management System (EMS) details proposed.

C.3 Hours of Operation

Attachment C 3 should contain details of the proposed hours of operation for the waste facility.

- (a) Proposed hours of operation.
- (b) Proposed hours of waste acceptance/handling.
- (c) Any other relevant hours of operation expected.

SECTION D INFRASTRUCTURE & OPERATION

D.1 Infrastructure

Complete the following table detailing the site 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 application *Guidance Note*.

Table D.1. Infrastructure		y/n	Comments
D.1.a	Site security arrangements including gates and fencing	Y	See Att D.1
D.1.b	Designs for site roads	Y	See Att D.1
D.1.c	Design of hardstanding areas	Y	See Att D.1
D.1.d	Plant	Y	See Att D.1
D.1.e	Weighbridge	Y	See Att D.1
D.1.f	Wheel-wash	Y	See Att D.1
D.1.g	Laboratory facilities (if proposed)	Y	See Att D.1
D.1.h	Design and location of fuel storage areas	N	See Att D.1
D.1.i	Waste quarantine areas	Y	See Att D.1
D.1.j	Waste inspection areas	Y	See Att D.1
D.1.k	Traffic control	Y	See Att D.1
D.1.l	Sewerage and surface water drainage infrastructure	Y	See Att D.1
D.1.m	All other services	Y	See Att D.1
D.1.n	Plant sheds, garages and equipment compound	Y	See Att D.1
D.1.o	Site accommodation	Y	See Att D.1
D.1.p	Any other waste recovery infrastructure	Y	See Att D.1
D.1.q	Any other infrastructure	Y	See Att D.1

D.2 Facility Operation

In **Attachment D 2** describe the plant, methods, processes and operations of the waste facility, as required by the *Application Guidance Notes for Waste Soils Recovery Facilities*.

Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
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SECTION E EMISSIONS

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.

The applicant should address in particular any emission point where the substances listed in the Schedule of S.I. 394 of 2004, as amended, are emitted.

E.1 Emissions to Surface Waters

Attachment E.1 Tables E.1(i) and E.1(ii) should be completed where relevant.

E.2 Emissions to Sewer (Not for Sanitary Wastes)

Attachment E.2 Tables E.2(i) and E.2(ii) should be completed, where relevant.

E.3 Noise Emissions

Give particulars of the source, location, nature, level, and the period or periods during which the noise emissions are made or are to be made.

Table E.3(i) should be completed, as relevant, for each source.

Supporting information should form **Attachment E.3**

E.4 Environmental Nuisances

Attachment E.4 should contain the appropriate documentation. Information provided should follow the sequence, and use the headings as relevant established in Table E.4. Additional advice on completing this section is provided in the *Guidance Note*.

TABLE E.4 ENVIRONMENTAL NUISANCES

Dust Control	Control method specified	yes ✓	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
	Attachment included	yes ✓	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
Traffic Control	Control method specified	yes ✓	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
	Attachment included	yes ✓	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
Road Cleansing	Control method specified	yes ✓	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
	Attachment included	yes ✓	no <input type="checkbox"/>	not applicable <input type="checkbox"/>

SECTION F CONTROL & MONITORING

F.1 Treatment, Abatement and Control Systems

Describe the proposed technology and other techniques for preventing or, where this is not possible, reducing emissions from the facility. Details of treatment/abatement systems (air and effluent emissions) should be included, together with appropriately scaled schematics ($\leq A3$) as appropriate.

For each Emission Point identified, complete Table F.1 of the Annex, and include detailed descriptions and appropriately scaled schematics ($\leq A3$) of all abatement systems.

Attachment F.1 should contain any supporting information.

F.2 Groundwater Protection

Describe the existing or proposed arrangements necessary to give effect to Articles 3,4,5,6, and 7 of Council Directive 80/68/EEC of 17 December 1979 on the protection of groundwater against the risk of pollution by certain dangerous substances, and Article 6 of Directive 2006/118/EC on the protection of groundwater against pollution and deterioration.

Supporting information should form **Attachment F.2**

F.3 - F.7 Monitoring and Sampling Points

Programmes for environmental monitoring should be submitted as part of the application. These programmes should be provided as **Attachments F.3 to F.7** and meet the advice published by the Agency in the relevant BAT Note.

Include details of monitoring/sampling locations and methods.

F.3 Air (Dust)

Monitoring Arrangements specified	yes ✓	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
Monitoring points identified, (plus 12-figure grid references)	yes ✓	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
Attachment included	yes ✓	no <input type="checkbox"/>	not applicable <input type="checkbox"/>

F.4 Surface Water

Monitoring of surface water shall be carried out at not less than two points, one upstream from the waste facility and one downstream.

Monitoring Arrangements specified	yes	no ✓	not applicable <input type="checkbox"/>
Monitoring points identified, (plus 12-figure grid references)	yes	no ✓	not applicable <input type="checkbox"/>
Attachment included	Yes	no ✓	not applicable <input type="checkbox"/>

F.5 Sewer Discharge

Monitoring of sewer discharge shall be carried out at the point specified by the water services authority/Agency.

Monitoring Arrangements specified	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	not applicable <input type="checkbox"/>
Monitoring points identified, (plus 12-figure grid references)	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	not applicable <input type="checkbox"/>
Attachment included	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	not applicable <input type="checkbox"/>

F.6 Groundwater

Monitoring Arrangements specified	yes <input checked="" type="checkbox"/>	no <input checked="" type="checkbox"/>	not applicable <input type="checkbox"/>
Monitoring points identified, (plus 12-figure grid references)	yes <input checked="" type="checkbox"/>	no <input checked="" type="checkbox"/>	not applicable <input type="checkbox"/>
Attachment included	yes <input checked="" type="checkbox"/>	no <input checked="" type="checkbox"/>	not applicable <input type="checkbox"/>

F.7 Noise

Monitoring Arrangements specified	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
Monitoring points identified, (plus 12-figure grid references)	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>

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SECTION G RESOURCES USE & ENERGY EFFICIENCY

G.1 Raw Materials, Substances, Preparations and Energy

Attachment G.1 should contain a list of all raw, product and ancillary materials, substances, preparations, fuels and energy which will be utilised by the activity. Information on any insecticides, herbicides or rat poisons etc. should also be provided with their respective data and safety sheets. The Standard Forms, provided in Annex 1, should be used in the description of these materials, substances, etc., where relevant.

Attachment included	yes ✓	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
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SECTION H MATERIALS HANDLING

H.1 Waste Types and Quantities – Existing & Proposed

Provide an estimation of the quantity of waste likely to be handled in relation to each class of activity applied for. This information should be included in Table H.1(a).

TABLE H.1(A) QUANTITIES OF WASTE IN RELATION TO EACH CLASS OF ACTIVITY APPLIED FOR

Waste Management Act 4th Schedule (Recovery) Activities	
Class of Activity Applied for	Quantity (tpa)
Class 2	5,000
Class 4	170,000
Class 10	
Class 11	
Class 12	
Class 13	20,000

In Table H.1 (B) provide the annual amount of waste handled/to be handled at the facility. The tonnage per annum should be given of that expected for the life of the licence.

TABLE H.1 (B) WASTE TYPES AND QUANTITIES

WASTE TYPE	TONNES PER ANNUM (existing)	TONNES PER ANNUM (proposed)	TOTAL (over life of site) tonnes
Soils, subsoils, stone & rock	130,000	135,000	1,200,000
Construction and Demolition (used in engineering activities)	20,000	35,000	650,000
Other (e.g. Compost for restoration)	nil	5,000	50,000

Attachment H.1 should contain any relevant additional information, including relevant EWC codes for expected waste streams.

It should be noted that an applicant may be issued with a licence which restricts the type of wastes which may be deposited.

H.2 Waste Acceptance Procedures

Procedures for checking waste loads as they arrive on site must be included. These should follow the requirements of the Agency's Waste Acceptance Manual. A copy of these procedures and other associated documentation should be included as **Attachment H.2**.

H.3 Waste Handling

Waste handling and the operating procedures used at the facility including waste treatment processes should be described in **Attachment H.3**. Included in the attachment should be information on the plant used on site and on the methods and processes for handling waste on-site.

H.4 Waste Arisings

Details of all waste materials generated on the site including, name, description and nature as well as the source(s) should be identified.

SECTION I EXISTING ENVIRONMENT & IMPACT OF THE FACILITY

Detailed information is required to enable the Agency to assess the existing 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 the receipt of a review application.

Where development is proposed to be carried out, being development which is of a class for the time being specified under Article 24 (First Schedule) 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.**

I.1. Assessment of Impact on Receiving Surface Water

Describe the existing environment in terms of water quality with particular reference to environmental quality standards or other legislative standards. Table I.2(i) should be completed

Provide a statement whether or not emissions of main polluting substances (as defined in the Schedule of S.I. 394 of 2004) to water are likely to impair the environment.

Give summary details and an assessment of the impacts of any existing or proposed emissions on the environment, including environmental media other than those into which the emissions are to be made.

Full details of the assessment and any other relevant information on the receiving environment should be submitted as **Attachment I.1.**

I.2. Assessment of Impact of Waste Water Discharge (Not for sanitary effluent).

Give summary details and an assessment of the impacts of any existing or proposed emissions on the environment, including environmental media other than those into which the emissions are to be made.

Full details of the assessment and any other supporting information should form **Attachment I.2.**

I.3 Assessment of ground and/or groundwater condition

Summary details of known ground and/or groundwater contamination, historical or current, on or under the site must be given.

Full details including all relevant investigative studies, assessments, or reports, monitoring results, location and design of monitoring installations, appropriately scaled plans/drawings ($\leq A3$), documentation, including containment engineering, remedial works, and any other supporting information should be included in **Attachmen**

I.4 Noise Impact.

Give details and an assessment of the impacts of any existing or proposed emissions on the environment, including environmental media other than those into which the emissions are to be made.

Ambient noise measurements

Complete Table I.6(i) in relation to the information required below:

- (i) State the maximum Sound Pressure Levels which will be experienced at typical points on the boundary of the operation. (State sampling interval and duration).
- (ii) State the maximum Sound Pressure Levels which will be experienced at typical noise sensitive locations, outside the boundary of the operation.
- (iii) Give details of the background noise levels experienced at the site in the absence of noise from this operation.

Prediction models, appropriately scaled maps ($\leq A3$), diagrams and supporting documents, including details of noise attenuation and noise proposed control measures to be employed, should form **Attachment I.4**.

I.5 Assessment of Ecological Impacts & Mitigation Measures

The ecology of the site and the surrounding area should be assessed in the vicinity of the waste facility. An assessment of the ecology should form **Attachment I.5**. Comprehensive guidelines are contained in the *Application Guidance Notes for Waste Soils Recovery Facilities*.

SECTION J ACCIDENT PREVENTION & EMERGENCY RESPONSE

Describe the existing or proposed measures, including emergency procedures, to minimise the impact on the environment of an accidental emission or spillage.

Also outline what provisions have been made for response to emergency situations outside of normal working hours, i.e. during night-time, weekends and holiday periods.

Describe the arrangements for abnormal operating conditions including start-up, leaks, malfunctions or momentary stoppages.

Supporting information should form **Attachment J**.

Attachment included	yes ✓	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
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**SECTION K REMEDIATION, DECOMMISSIONING, RESTORATION
AND AFTERCARE**

Describe the existing or proposed measures to minimise the impact on the environment after the activity or part of the activity ceases operation, including provision for post-closure care of any potentially polluting residuals.

Attachment included	yes ✓	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
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SECTION L STATUTORY REQUIREMENTS

L.1 Section 40(4) WMA

Indicate how all the requirements of Section 40(4)[(a) to (i)] of the Waste Management Acts 1996 to 2008 will be met.

Applicants should also describe how the proposed facility will comply with the requirements of BAT. In particular reference should be made to the considerations referred to in Annex IV of Council Directive 96/61/EC concerning integrated pollution prevention and control and to EPA published Landfill Manuals as may be relevant.

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

Attachment included	yes ✓	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
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L.2 Fit and Proper Person

The WMA in Section 40(4)(d) specifies that the Agency shall not grant a licence unless it is satisfied that the applicant (if the applicant is not a local authority) is a fit and proper person. Section 40(7) of the WMA specifies the information required to enable a determination to be made by the Agency.

- Indicate whether the applicant or other relevant person has been convicted under the Waste Management Acts 1996 to 2008, the EPA Act 1992 to 2007, the Local Government (Water Pollution) Acts 1977 and 1990 or the Air Pollution Act 1987.
- Provide details of the applicant's technical knowledge and/or qualifications, along with that of other relevant employees (Link to Section C.1 of the application).
- Provide information to show that the person is likely to be in a position to meet any financial commitments or liabilities that may have been or will be entered into or incurred in carrying on the activity to which the application relates or in consequence of ceasing to carry out that activity (Link to Section K of the application).

Supporting information should be included as **Attachment L.2** with reference to where the information can be found in the application.

Attachment included	yes ✓	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
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SECTION M DECLARATION

Declaration

I hereby make application for a licence / revised licence, pursuant to the provisions of the Waste Management Acts 1996 to 2008 and Regulations made thereunder.

I certify that the information given in this application is truthful, accurate and complete.

I give consent to the EPA to copy this application for its own use and to make it available for inspection and copying by the public, both in the form of paper files available for inspection at EPA and local authority offices, and via the EPA's website. This consent relates to this application itself and to any further information, submission, objection, or submission to an objection whether provided by me as Applicant, any person acting on the Applicant's behalf, or any other person.

Signed by : _____
(on behalf of the organisation)

Date : _____

Print signature name: _____

Position in organisation : _____

Company stamp or seal:

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ANNEX 1 STANDARD FORMS

Standard forms are provided in this section for the recording and presentation of environmental monitoring and site investigation results

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TABLE E.1(i): EMISSIONS TO SURFACE WATERS
(One page for each emission)

Emission Point:

Emission Point Ref. N ^o :	
Source of Emission:	
Location :	
Grid Ref. (10 digit, 5E,5N):	
Name of receiving waters:	
Flow rate in receiving waters:	_____ m ³ .sec ⁻¹ Dry Weather Flow _____ m ³ .sec ⁻¹ 95%ile flow
Available waste assimilative capacity:	_____ kg/day

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Emission Details:

(i) Estimated volume to be emitted			
Normal/day	m ³	Maximum/day	m ³
Maximum rate/hour	m ³		

Waste Soils Recovery Facility Application Form

TABLE E.1(ii): EMISSIONS TO SURFACE WATERS - Characteristics of the emission (1 table per emission point)

Emission point reference number : _____

Parameter	Prior to treatment				As discharged				% Efficiency
	Max. hourly average (mg/l)	Max. daily average (mg/l)	kg/day	kg/year	Max. hourly average (mg/l)	Max. daily average (mg/l)	kg/day	kg/year	

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TABLE E.2(i): EMISSIONS TO SEWER (Not for Sanitary Effluent)(One page for each emission)

Emission Point:

Emission Point Ref. N ^o :	
Location of connection to sewer :	
Grid Ref. (10 digit, 5E,5N):	
Name of sewage undertaker:	

Emission Details:

(i) Volume to be emitted			
Normal/day	m ³	Maximum/day	m ³
Maximum rate/hour	m ³		

(ii) Period or periods during which emissions are made, or are to be made, including daily or seasonal variations (*start-up /shutdown to be included*):

Periods of Emission (avg)	_____ min/hr _____ hr/day _____ day/yr
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Waste Soils Recovery Facility Application Form

TABLE E.2 (ii): EMISSIONS TO SEWER (Not for Sanitary Effluent) - Characteristics of the emission (1 table per emission point)

Emission point reference number : _____

Parameter	Prior to treatment				As discharged				% Efficiency
	Max. hourly average (mg/l)	Max. daily average (mg/l)	kg/day	kg/year	Max. hourly average (mg/l)	Max. daily average (mg/l)	kg/day	kg/year	

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Table E.3(i): NOISE EMISSIONS - Noise sources summary sheet

Source	Emission point Ref. No	Equipment Ref. No	Sound Pressure ¹ dBA at reference distance	Octave bands (Hz) Sound Pressure ¹ Levels dB(unweighted) per band								Impulsive or tonal qualities	Periods of Emission	
				31.5	63	125	250	500	1K	2K	4K			8K

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1. For items of plant sound power levels may be used.

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TABLE F.3 to F.7 : EMISSIONS MONITORING AND SAMPLING POINTS
Air (dust) emissions, Surface Water, Emissions to Sewer, Groundwater, Noise) - (1 table per media)

Emission Point Reference No(s). : _____

Parameter	Monitoring frequency	Accessibility of Sampling Points

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Table G.1 Details of Process related Raw Materials used on the site

Ref. N^o or Code	Material/ Substance⁽¹⁾	CAS Number	Amount Stored (tonnes)	Annual Usage (tonnes)	Nature of Use		

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

Include MSDS documentation for raw materials tabled.

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Table I.1(i) Ambient SURFACE WATER QUALITY

(Sheet 1 of 2) Monitoring Point/ Grid Reference: _____

Parameter	Results (mg/l)				Sampling method ² (grab, drift etc.)	Normal Analytical Range ²	Analysis method / technique
	Date	Date					
pH							
Electrical conductivity EC							
Ammoniacal nitrogen NH ₄ -N							
Chemical oxygen demand							
Biochemical oxygen demand							
Dissolved oxygen DO							
Calcium Ca							
Cadmium Cd							
Chromium Cr							
Chloride Cl							
Copper Cu							
Iron Fe							
Lead Pb							
Magnesium Mg							
Manganese Mn							
Mercury Hg							

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Surface Water Quality (Sheet 2 of 2)

Parameter	Results (mg/l)				Sampling method (grab, drift etc.)	Normal Analytical Range	Analysis method / technique
	Date	Date					
Nickel Ni							
Potassium K							
Sodium Na							
Sulphate SO ₄							
Zinc Zn							
Total alkalinity (as CaCO ₃)							
Total organic carbon TOC							
Nitrite NO ₂							
Nitrate NO ₃							
Faecal coliforms (/100mls)							
Total coliforms (/100mls)							
Phosphate PO ₄							

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Table I.3(i) Ambient GROUNDWATER QUALITY

(Sheet 1 of 2) Monitoring Point/ Grid Reference: _____

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

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GROUNDWATER QUALITY (SHEET 2 OF 2)

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

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Table I.4(i) Ambient Noise Assessment

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

	National Grid Reference	Sound Pressure Levels		
	(5N, 5E)	L(A) _{eq}	L(A) ₁₀	L(A) ₉₀
1. SITE BOUNDARY				
Location 1:				
Location 2:				
Location 3:				
Location 4:				
2. NOISE SENSITIVE LOCATIONS				
Location 1:				
Location 2:				
Location 3:				
Location 4:				

NOTE: All locations should be identified on accompanying drawings.