



Waste Licence Application Form for Waste Soils* Recovery Facilities

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

EPA Ref. N^o: <i>(Office use only)</i>	<input type="text"/>
--	----------------------

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.

Environmental Protection Agency
P.O. Box 3000, Johnstown Castle Estate, Co. Wexford
Lo Call: 1890 335599 Telephone: 053-9160600 Fax: 053-9160699
Web: www.epa.ie Email: info@epa.ie

Environmental Protection Agency
Application for a Waste Licence

WASTE MANAGEMENT ACTS 1996 to 2008

CONTENTS

	Page
INTRODUCTION	3
CHECKLIST	4
PROCEDURES	10
SECTION A NON-TECHNICAL SUMMARY	11
SECTION B GENERAL	12
SECTION C MANAGEMENT OF THE FACILITY	18
SECTION D INFRASTRUCTURE & OPERATION	19
SECTION E EMISSIONS	20
SECTION F CONTROL & MONITORING	22
SECTION G RESOURCES USE & ENERGY EFFICIENCY	24
SECTION H MATERIALS HANDLING	25
SECTION I EXISTING ENVIRONMENT & IMPACT OF THE FACILITY	27
SECTION J ACCIDENT PREVENTION & EMERGENCY RESPONSE	29
SECTION K REMEDIATION, DECOMMISSIONING, RESTORATION & AFTERCARE	30
SECTION L STATUTORY REQUIREMENTS	31
SECTION M DECLARATION	33
ANNEX 1 STANDARD FORMS	34

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

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

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

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

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

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

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

Waste Soils Recovery Facility Application Form

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

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

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

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

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

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

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

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

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

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

Waste Soils Recovery Facility Application Form

- (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	Not yet available	
CHECKED	Applicant <input type="checkbox"/>	Official <input type="checkbox"/>

- (l) give details, and an assessment of the effects, of any existing or proposed emissions on the environment, including any environmental medium other than 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		
CHECKED	Applicant X	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		
CHECKED	Applicant X	Official <input type="checkbox"/>

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

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

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

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

Waste Soils Recovery Facility Application Form

(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	Not Applicable	
CHECKED	Applicant <input type="checkbox"/>	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	We are awaiting a bank letter from the applicant and will be submitted on receipt.	
CHECKED	Applicant <input type="checkbox"/>	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	Not Applicable	
CHECKED	Applicant <input type="checkbox"/>	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		
CHECKED	Applicant X	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		
CHECKED	Applicant X	Official <input type="checkbox"/>

Waste Soils Recovery Facility Application Form

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

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

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

LOCATION		
CHECKED	Applicant X	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	Full size drawings are also included	
CHECKED	Applicant X	Official <input type="checkbox"/>

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

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

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

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

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

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

Waste Soils Recovery Facility Application Form

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 X	Official <input type="checkbox"/>

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

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

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*: Limerick Race Company PLC

Address: Greenmount Park,
Patrickswell,
Co. Limerick.

Tel: 061 320000

Fax: Not Applicable

e-mail: Not Applicable

* 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: Michael Punch & Partners, Consulting Engineers

Address: 97 Henry Street
Limerick

Tel: 061-313877

Fax: 061-319071

e-mail: skennedy@mpp.ie

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

Address: Greenmount Park
Patrickswell
Co. Limerick

Tel: 061 320000

Fax: Not Applicable

e-mail: Not Applicable

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.

Waste Soils Recovery Facility Application Form

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

Landowner	<input checked="" type="checkbox"/>
Lessee	<input 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: Roadbridge Ltd.

Address: Ballyclough

Ballysheedy

Co. Limerick

Tel: 061 414874

Fax: 061-414767

e-mail: headoffice@roadbridge.ie

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: Bord Na Gcon

Address: 104 Henry Street

Limerick

Tel: 061-316788

Fax: Not Applicable

e-mail: Not Applicable

*Current at the time the application is submitted

B.2 Location of Activity

Name: Former Race Course

Address*: Greenpark

Dock Road

Limerick

Tel: Not Applicable

Fax: Not Applicable

e-mail: Not Applicable

* Include any townland

Waste Soils Recovery Facility Application Form

National Grid Reference (8 digit 4E,4N)	E 155649.350 N 155493.323
---	------------------------------

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: Limerick City Council

Address: City Hall

Merchants Quay

Limerick

Tel: 061 407100

Fax: 061 415266

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:

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

Local Authority Planning File Reference N^o:	P07/237
---	---------

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).

Waste Soils Recovery Facility Application Form

EIS required	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
---------------------	---	-----------------------------

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: Not Applicable _____

Address: _____

Tel: _____

Fax: _____

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"/>
----------------------------	------------------------------	--

The applicant should indicate the **Health Services Executive Region** where the activity is or will be located.

Name: Health service Executive, Mid West Area _____

Address: 31/33 Catherine Street _____

Limerick _____

Tel: 061 483286 _____

Fax: 061-483350 _____

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 (≤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).	N
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.	N
11. Use of waste obtained from any activity referred to in a preceding paragraph of this Schedule.	N
12. Exchange of waste for submission to any activity referred to in a preceding paragraph of this Schedule.	N
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)	343,200 Maximum
-------------------------------------	------------------------

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
Recovery of Waste (4)	€10,000

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"/>
------------------------	------------------------------	--

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**. **SEE ALSO ATTACHMENT L1**

Name	Position	Duties and Responsibilities	Experience /Qualifications
Eamonn Kirby	Site Engineer, Roadbridge Ltd.	Facility Manager	BE, UCD 1996
	Machine Operator		
	Banksmen / Traffic Control		

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	Refer to drg 006
D.1.b	Designs for site roads	Y	Quarried stone from Bunratty
D.1.c	Design of hardstanding areas	Y	Macadam finish with associated drainage and petrol interceptor
D.1.d	Plant	Y	Spec. to be provided by Roadbridge.
D.1.e	Weighbridge	N	
D.1.f	Wheel-wash	Y	Spec. to be provided by Roadbridge.
D.1.g	Laboratory facilities (if proposed)	N	
D.1.h	Design and location of fuel storage areas	N	
D.1.i	Waste quarantine areas	Y	Refer to drg 006
D.1.j	Waste inspection areas	Y	Refer to drg 006
D.1.k	Traffic control	Y	Entry and exit controlled.
D.1.l	Sewerage and surface water drainage infrastructure	Y	Refer to drg 004 and 006
D.1.m	All other services	N	
D.1.n	Plant sheds, garages and equipment compound	N	
D.1.o	Site accommodation	Y	Refer to drg 006
D.1.p	Any other waste recovery infrastructure	N	
D.1.q	Any other infrastructure	N	

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

Plant required will include 2 bulldozer, excavator, dumpers and rollers.

Welfare facilities are identified on drawing 006.

Phasing is shown on drawing 007.

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.

Not applicable.

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**

Please refer to the Environmental Impact Assessment pg 148 – 152 supplied.

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*.

Waste Soils Recovery Facility Application Form

TABLE E.4 ENVIRONMENTAL NUISANCES

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

Dust Control
 Traffic Control
 Road Cleansing

Refer to EIS appendix A4.
 To be furnished by Roadbridge LTD.
 Refer to EIS appendix A4.

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 (≤A3) as appropriate.

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

Attachment F.1 should contain any supporting information.

Refer to the Environmental Impact Statement Ch 12 and 13.

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

Refer to sections 10.6.1 and 10.6.2 of the Environmental Impact Statement.

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) Programme of Monitoring to be agreed with EPA

- 1 Grid Ref E 155617.35 N 155714.63
- 2 Grid Ref E 156023.20 N 155662.80
- 3 Grid Ref E 156113.47 N 155161.18

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

F.4 Surface Water Programme of Monitoring to be agreed with EPA

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

- 1 Grid Ref E155416.93 N 155572.54
- 2 Grid Ref E155510.54 N 155181.49

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

F.6 Groundwater Programme of Monitoring to be agreed with EPA

- 1 Grid Ref E155416.93 N 155572.54
- 2 Grid Ref E155510.54 N 155181.49

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

F.7 Noise Programme of Monitoring to be agreed with EPA

- 1 Grid Ref E155627.91 N 155711.43
- 2 Grid Ref E156030.13 N 155652.77
- 3 Grid Ref E 156111.37 N 155150.38

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

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 <input checked="" type="checkbox"/> X	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
----------------------------	---	-----------------------------	---

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	
Class 4	343,200 tonnes
Class 10	
Class 11	
Class 12	
Class 13	

Temporary storage prior to placement approximately 100 tpd

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			
Construction and Demolition (used in engineering activities)	343,200	343,200	*
Other (e.g. Compost for restoration)			

These are maximum quantities and will be dependant on available materials. 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

Refer to Environmental impact Summary Document.

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).

Not Applicable.

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.

Refer to Environmental impact Summary Document.

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 **Attachment I.3**.

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**.

Refer to Environmental Impact Assessment Ch 12.

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*.

Refer to Environmental impact Summary Document.

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 <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
----------------------------	--	------------------------------------	--

**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 not applicable X

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 <input type="checkbox"/>	no <input checked="" type="checkbox"/>	not applicable <input type="checkbox"/>
----------------------------	------------------------------	--	---

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.

The Applicant or other relevant person has not 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).

The facility will be operated on behalf of the client by Roadbridge Ltd. And the filling will be supervised by Michael Punch and Partners Consulting Engineers. CV's of relevant staff will be provided.

Waste Soils Recovery Facility Application Form

- 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).

We are awaiting a bank letter from the applicant and will be submitted on receipt.

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

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

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 there under.

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:

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

ANNEX 1 STANDARD FORMS

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

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

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

Emission Point:

Emission Point Ref. N ^o :	SW01
Source of Emission:	Surface Water Run-Off from site
Location :	Greenpark
Grid Ref. (10 digit, 5E,5N):	E155416.93 N 155572.54
Name of receiving waters:	Ballynaclogh River
Flow rate in receiving waters:	Not available* _____ m ³ .sec ⁻¹ Dry Weather Flow _____ m ³ .sec ⁻¹ 95%ile flow
Available waste assimilative capacity:	Not available* Kg/day

Emission Details:

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

The emission point is from the sluice servicing a local drain which follows the northern perimeter of the site. This outfall has catered for the entire site. However on development all drainage will be directed to the lagoon and discharged through SW02

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

Emission Point:

Emission Point Ref. N ^o :	SW02
Source of Emission:	Surface Water Run-Off from Site
Location :	Greenpark Lagoon Outfall
Grid Ref. (10 digit, 5E,5N):	E155510.54 N 155181.49
Name of receiving waters:	Ballynaclogh River
Flow rate in receiving waters:	Not available m ³ .sec ⁻¹ Dry Weather Flow m ³ .sec ⁻¹ 95%ile flow
Available waste assimilative capacity:	Not available kg/day

Emission Details:

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

Dependant on working areas – The lagoon has been sized to cater for development on all lands – 50 year return period and 6 hour tidal storage – Ref Limerick City Council Ballinacurra Courtbrack Drainage Study – appropriate silt screens will be provided to ensure that the lagoon is not impacted by excessive suspended solids.

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

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

**Emission point reference number : - E155416.93 N 155572.54 (SW01)
E155510.54 N 155181.49 (SW02)**

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
<u>Suspended Solids</u>								
<u>Colour</u>								
<u>Turbidity</u>								
<u>pH</u>								
<u>Conductivity</u>								
<u>BOD</u>								

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

Emissions will be monitored at discharge location. It is not proposed to monitor surface water prior to treatment.

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		
Site Operations	N1															
Site Operations	N2															
Site Operations	N3															

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

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

Refer to EIS Section 12

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
Dust	To be confirmed	Accessible through site roads
Surface Water	To be confirmed	Accessible through site roads
Noise	To be confirmed	Accessible through site roads

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