



202-1

ENVIRONMENTAL PROTECTION AGENCY WASTE LICENSING RECEIVED

- 4 MAR 2004

INITIALS.....

Seamus Kelly & Sons

# WASTE LICENCE APPLICATION

Waste Recycling Centre
Gorey Business, Park
Gorey, John Co. Wexford

**Prepared By** 

White Young Green
Bracken Business Park
Bracken Road
Sandyford
Dublin 18





# Waste Licensing

# Waste Recovery/Disposal Activities (other than landfill)

# **Application Form**

EPA Ref. Nº: (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 Act, 1996.

## **Environmental Protection Agency**

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

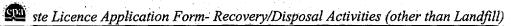
# **Environmental Protection Agency**

Application for a Waste Licence

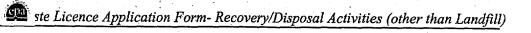
WASTE MANAGEMENT ACT, 1996

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#### INTRODUCTION

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

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

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

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

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



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

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

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

Note: <u>Drawings</u>. The following guidelines are included to assist applicants:

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





# A. NON-TECHNICAL SUMMARY

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

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

Attachment	included	yes 🛮	no [	
Article 12 (1 1997 compli	l) (q) of S.I. 13. led with	3 ves V	no	



## **B. GENERAL**

<b>B.1</b>	Am	olican	t's	Details
20.1	4 4 4 7 8	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	r u	Dum

Name*: SEAMUS KELLY & SONS	
Address: GOREY BUSINESS PARK	
RANSTOWN	
GOREY	
(i) NEXFORD	
Tel: 064-44167	
Fax: 054 44458	
, , , , , , , , , , , , , , , , , , , ,	

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

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

Name: SEAMUS (FLLY &
Address: "AMBERIEA"
COURTNACHORY
(O.WEXFORD
Tel: 054 44167
Fax: 054 44458
Address of registered or principal office of Body Corporate (if applicable)  Address: Not Applicable
Tel:

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

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

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

Landowner	V	-
Lessee of the		
Prospective Purchaser		
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:	AS AL	BOVE	
Address	s: ·		
		i	
Tel:			
Fax:			
Name: Address	NOT AP	PLICABLE	
		-	
<u> </u>		<u> </u>	
Tel:			
Tel: Fax:			

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

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- 60	1111
. 8-3	ш
=	

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be included.	
Name: NOT APPLICABLE	
	B.2 Location of Activity
Address:	B.2 Eccuton of Neurity
	Name: SEAMUS CFUY + SONS
	Address*: GOREY BUSINESS PARK
Tel:	RAMSTONN
Fax:	GOREY
rua	CO. WEXFORA
TO NION CONDITION	
Name: NOT APPLICABLE	Tel: 054 4167
Address:	Fax: 054 44458
	* Include any townland
	National Grid 3156 E
Tel:	Reference
	(8 digit 4E,4N) 1586 N
Fax:	(0 digit 425,417)
The Man was as	A Site Plan must be provided. It should be noted
Name: NOT APPLIABLE	that the Site Plan will legally define the area to
Address:	which the waste licence will relate. Waste
	disposal operations by the applicant outside the
	area of the licence will be an offence under s39 of
	the Waste Management Act 1996. Accordingly,
Tel: Section	it is vital that the boundary of the activity is
	clearly marked and identified.
Fax:	
Name: NOT ADD (CAR) = Scott	Original maps of the relevant area, such as maps
Name: NOT APPLICABLE &	from the Ordnance Discovery Series, from which
Address:	the site grid reference can be read and confirmed,
Ç	must be included in Attachment B.2.
	· · · · · · · · · · · · · · · · · · ·
	The applicant should tick the appropriate box
m-1.	below to identify whether the activity is located
Tel:	· · · · · · · · · · · · · · · · · · ·
Fax:	within the Shannon Free Airport Development
	Company (SFADCo.) area.
	Within SFDACo. Area   Yes   No
Name: NOT APPLICABLE	
Address:	
Audi USS:	
The state of the s	B.3 Planning Authority
	Give the name of the planning authority in whose
	functional area the activity is or will be carried out.
Tel:	reflectional area the activity is of will be earlied out.
Fax:	ar allowed a market
	Name: WEXFOX COUNTY COUNCIL
*Current at the time the application is submitted	Address: COUNTY HALL
Current at the time the approactor is submitted	SPANEL RD.

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	WEXFORD TOWN	
Tel:	053 76500	
Fax:	053 43406	

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

Planning Authority notified	Yes 🔽
	No 🗌

Planning Permission relating to this application:-

has been obtained	
is being processed	
is not yet applied for	
is not required	

Local Authority	
Planning	95008
File Reference №:	

Attachment B.3 should contain all current planning permissions, including a copy of all conditions. Copies of any EIS should also be enclosed. For existing activities, Attachment B.3 should also contain copies of all licences and permits in force at the time of submission. Where planning permission is not required for the development, provide reasons, relevant correspondence, etc.

### **B.4** Sanitary Authority

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

# Name:

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Address: WEXFORD COUNTY COUNCIL
COUNTY HALL
SPANELL RD
WEXFORDTOWN
Tel: 053 76500
Fax: 053 43406
Waste water treatment plant Name: NOT APPLICABLE
Address:
Tel:
Fax:

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

Name: NOT APPLIABLE Address:  Name: NOT APPLIABLE Address:  Tel: Fax:  Waste water treatment plant Name: NOT APPLICABLE Address:	Other div	
Tel: Fax:  Name: Not Applicable Address:  Tel: Fax:  Waste water treatment plant Name: Not Applicable		
Name: NOT APPLICABLE Address:  Tel: Fax:  Waste water treatment plant Name: NOT APPLICABLE	Address:	
Name: NOT APPLICABLE Address:  Tel: Fax:  Waste water treatment plant Name: NOT APPLICABLE		_
Name: NOT APPLICABLE Address:  Tel: Fax:  Waste water treatment plant Name: NOT APPLICABLE		
Name: NOT APPLICABLE Address:  Tel: Fax:  Waste water treatment plant Name: NOT APPLICABLE	Tel:	
Address:  Tel: Fax:  Waste water treatment plant Name: NOT APPLICABLE	Fax:	
Address:  Tel: Fax:  Waste water treatment plant Name: NOT APPLICABLE		
Address:  Tel: Fax:  Waste water treatment plant Name: NOT APPLICABLE	Name: NOT APPLICABLE	
Waste water treatment plant Name: NOT APPLICABLE		
Waste water treatment plant Name: NOT APPLICABLE		
Waste water treatment plant Name: NOT APPLICABLE		_
Waste water treatment plant Name: NOT APPLICABLE	Tel:	
Name: NOT APPLICABLE	Fax:	
Name: NOT APPLICABLE	\	_
Name: NOT APPLICABLE	Waste water treatment plant	
	Name: NOT APRICARIE	
		_

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.

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### **B.5** Notices and Advertisements

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

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



# B.6 Type of Activity

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

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

Waste Manag	gement Act, 1996
THIRD SCHEDULE Waste Disposal Activities	FOURTH SCHEDULE Waste Recovery Activities
Deposit on, in or under land (including landfill).	Solvent reclamation or regeneration.
Land treatment, including biodegradation of liquid or sludge discards in soils.	2. Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).
Deep injection of the soil, including injection of pumpable discards into wells, salt domes or naturally occurring repositories.	3. Recycling or reclamation of metals and metal compounds.
Surface impoundment, including placement of liquid or sludge discards into pits, ponds or lagoons.	4. Recycling or reclamation of other inorganic materials.
5. Specially engineered landfill, including placement into lined discrete cells which are capped and isolated from one another and the environment.	S. Regeneration of acids or bases.
5. Biological treatment not referred to elsewhere in this Schedule which results in final compounds or mixtures which are disposed of by means of any activity referred to in paragraphs 1. to 10. of this Schedule.	6. Recovery of components used for pollution abatement.
7. Physico-chemical treatment not referred to elsewhere in this Schedule (including evaporation, drying and calcination) which results in final compounds or mixtures which are disposed of by means of any activity referred to in paragraphs 1. to 10. of this Schedule (including evaporation, drying and calcination).	7. Recovery of components from catalysts.
8. Incineration on land or at sea.	8. Oil re-refining or other re-uses of oil.
9. Permanent storage, including emplacement of containers in a mine.	Use of any waste principally as a fuel or other means to generate energy.
10. Release of waste into a water body (including a seabed insertion).	The treatment of any waste on land with a consequential benefit for an agricultural activity or ecological system.
11. Blending or mixture prior to submission to any activity referred to in a preceding paragraph of this Schedule.	11. Use of waste obtained from any activity referred to in a preceding paragraph of this Schedule.
12. Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule.	12. Exchange of waste for submission to any activity referred to in a preceding paragraph of this Schedule.
13. Storage prior to submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where the waste concerned is produced.	13. Storage of waste intended for submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where such waste is produced.



#### B.7 Fees

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

Fee (in £)	Waste Activity	
F7620	DISPOSAL OF WASTE (OTHER THAN	HAZARDONS WASTE ) AT A FACILITY (OTHER THAN A
	LANDFILL) WAFRE THE ANNUAL INTO	THE IS THE IT TO EXCLED 25,000 TONNES BUT LESS THAT!
€6.350	RECOVERY OF WASTE	100,000 TONN

# Quantity and Nature of Wastes

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

TABLE B.8.1 ANNUAL QUANTITIES AND NATURE OF WASTES

Year	Non-hazardous waste (tonnes per annum)	waste (tonnes per annum)	Total annual quantity of waste (tonnes per annum)
2003	16,500	e de la companya della companya della companya de la companya della companya dell	16,500
2004	18 800	`	18,800
2005	21,440		21,440
2006	24,500 ,500		24 500
2007	27,800		27,860
2008	30,000		30,000
	:		
	/		



## **B.9** Major Industrial Hazard Regulations

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

	<u> </u>	
Regulations Apply	Yes _	No 🗸

If yes, Attachment B.9 should include the relevant details. Supporting information, as well as copies of any Hazardous Operation Studies (HAZOP) carried out for the site, should also be included in the attachment.





# C. EXISTING ENVIRONMENT

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

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

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

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

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

C.1 Air

Attachment included not applicable ves 🔽 no

C.2 Climate

SECTION 21 OF ELS Attachment included not applicable

C.3 Cultural Heritage

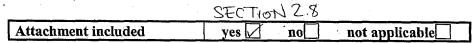
not applicable Attachment included no



C.4	Ecology
CIT	LICUIUEV

4.		SECTION	2.7	OFFIS
Attachment included	÷	yes 🗹	no[	not applicable

# C.5 Human Beings



# C.6 Hydrogeology



# C.7 Landscape

<i>,</i> 0, 0,
not applicable

# C.8 Noise

	SECTION	2.3	OF EIS
Attachment included	yes 🗹	no	not applicable

# C.9 Surface Water

	SECTION	2.6	OP E12
Attachment included	yes ✓	no .	not applicable



# D. FACILITY DESIGN

## D.1 Infrastructure

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

TABLE D.1 INFRASTRUCTURE

Indicate whether the following infrastructure has been specified.

		y/n	Comments
D.1.a	Facility security arrangements	Y	3.2.1 OF EIS
D.1.b	Designs for facility roads  Design of hard-standing areas	Y	3.2.2 OF E/S
D.1.c	Design of hard-standing areas	Υ,	3.2.3 OF EIS.
D.1.d	A weighbridge nt the transfer of the transfer	У	3.2.4 OF E19
D.1.e	A wheel-wash	Y	3.2.5 OF EIS
<b>D.1.f</b>	Laboratory facilities to the storage areas	Y	3.2.60FEIS
D.1.g	Fuel storage areas	Y	3.2.7 OF EIS
D.1.h	Waste quarantine areas	4	3.2.8 OF EIS
D.1.i	Waste inspection areas	Y	3.2.9 OF EIS
D.1.j	Traffic control	Y	3.2.10 OF EB
D.1.k	All services	У	3.2.11 OF E18
D.1.l	Sewerage and surface water drainage infrastructure	Y	3.2.12 OF EIS
D.1.m	Plant sheds, garages and equipment compound	Y	3.2.13 OF E1S
D.1.n	Facility accommodation	4	3.2.14 OF EIS
D.1.0	A fire control system, including water supply	4	3.2.15.0F E.IS
D.1.p	Civic amenity facilities	Υ.	3.2.16 OF EIS
D.1.q	Any other waste recovery infrastructure	y.	3.2.17 OF EIS
D.1.r	Any other infrastructure	Y	3.2.18 OF E1S



# D.2 Facility Operation

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

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

Attachment included	yes 🗹	no[	not applicable

# D.3 Materials Management

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

		<u> </u>	
Attachment included	yes 🗸	no	not applicable
	, 0,		
	asent		



# E. WASTE ACCEPTANCE AND HANDLING

# E.1 Existing Waste Types and Quantities

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

TABLE E.1.1 WASTE TYPES AND QUANTITIES

WASTE TYPE	TONNES PER ANNUM	TOTAL (over life of site) tonnes
Household	11,000	SITE UFF NOT DEFINED
Commercial	2,000	SITE UPE NOTOBETINED
Sewage Sludge	0	Ogher
Construction and Demolition	1,500	STEWFE NOT PENED
Industrial Non- Hazardous Liquids	8 ection pure red	0
Industrial Non- Hazardous Sludges	Or its below.	0
Industrial Non- Hazardous Solids	2000 2000	SITE UPE NOT DEFINED
Hazardous	0	0 11



TABLE E.1.2 HAZARDOUS WASTE TYPES AND QUANTITIES

HAZARDOUS WASTE	DETAILED DESCRIPTION	Tonnes Per Annum
Waste Oil	NOT APPLICABLE	0
Oil filters	N N	h
Asbestos	/ w w	ч
Oil/Sand Mixtures or Mixtures of Oil and Other Material	w · w	·
Wood Preservative Waste	~ ~	۸
Petroleum and Gas Treatment Wastes	~ ~ ~	h
<b>Inorganic Chemical Processes Wastes</b>	" " at lise.	h
Organic Chemical Processes Wastes	oses of the land offset	η
Agrochemical Wastes	- authality w	
Infectious Healthcare Waste	neglighter "	W.
Chemical Industry Waste.	itis din	Ν.
· · · · · · · · · · · · · · · · · · ·	Col Land	'n
Paint and Ink	, ,,	n
Batteries	" "	٦
Fluorescent Light Bulbs	* *	٧.
OTHER HAZARDOUS WASTE (APPLICANT TO SPECIFY)	ν ,	"
		· · · · · · · · · · · · · · · · · · ·
		•

TABLE E.1.3 NON-HAZARDOUS WASTE TYPES

<del>,</del>	<del></del>	
INERT OR INACTIVE WASTE	Check (if accepted)	Additional Information
Subsoil	U	
Topsoil		
Brickwork		·
Stone, Rock and Slate		
Clay		
Natural Sand		·
Concrete		
Pottery & China		
Solid Road Planings, Solid		
Tarmacadam, Solid Asphalt		, 11 <sup>50</sup> .
BIODEGRADABLE WASTE	Check (if accepted)	Additional Information
Wood & Wood Products	On Production	
Paper & Paper Products	CWITO CONTROL	
Vegetable Matter		
Non-Infectious Health-Care Waste		
Natural & Manmade Fibres	<b>V</b>	
Road Sweepings		
Gully Emptyings		
Septic Tank Waste		·
Silt & Dredgings		
Ash & Cinders		
Food Stuffs		
Oil/Water Mixtures		
Vegetable Oil	<u>                                     </u>	
Fats, Waxes and Greases	<u> </u>	
Animal Excrement (including paunch contents)		
Animal Blood		

# TABLE E.1.4 OTHER WASTES

		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
OTHER WASTES	Check (if accepted)	Additional Information
Plasterboard and Plaster	Ø	
Dried Paints, Dried Varnish &		
Dried Lacquer		
Foundry Sand & Sand		
Blasting Residues		
Glass		
Latex & Rubber Solutions		
Solid, Fully Polymerised		
Plastics		<u>e</u> .
Solid Rubber (excluding tyres)	<u> </u>	Met V
Empty Containers		20.00
Non-Hazardous Ferrous and		e di di
Non-Ferrous Metals		<u></u>
		No.
OTHER WASTES	Check (if	Additional Information
OTHER WASTES (APPLICANT TO SPECIFY)	Check (if	Additional Information
r en	accepted)	Additional Information
r en	Check (if	Additional Information
(APPLICANT TO SPECIFY)	accepted)	Additional Information
· · · · · · · · · · · · · · · · · · ·	accepted)	Additional Information
(APPLICANT TO SPECIFY)	accepted)	Additional Information
(APPLICANT TO SPECIFY)	accepted)	Additional Information
(APPLICANT TO SPECIFY)	accepted)	Additional Information
(APPLICANT TO SPECIFY)	accepted)	Additional Information
(APPLICANT TO SPECIFY)	accepted)	Additional Information
(APPLICANT TO SPECIFY)	accepted)	Additional Information
(APPLICANT TO SPECIFY)	accepted)	Additional Information
(APPLICANT TO SPECIFY)	accepted)	Additional Information
(APPLICANT TO SPECIFY)	accepted)	Additional Information
(APPLICANT TO SPECIFY)	accepted)	Additional Information
(APPLICANT TO SPECIFY)	accepted)	Additional Information

Attachment E.1 should contain any relevant additional information.



# E.2 Proposed Waste Types and Quantities

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

TABLE E.2.1 WASTE TYPES AND QUANTITIES

WASTE TYPE	TONNES PER ANNUM	TOTAL (over life of site) tonnes
Household waste collected by or on behalf of the local authority	20,000	SITE UFF NOT DEFINED
Household waste delivered to civic waste facilities and other bring facilities	3,600	SITE LIFE NOT DEFINED
Other household waste	O 15º	0
Commercial Waste	2,800 Jother	SITE LIFE NOT DEFINED
Sewage Sludges	O South att.	O
Construction and Demolition Waste	i of purpositive of	ð
Industrial Sludges	instruction of the state of the	٥
Industrial waste not elsewhere specified	40 3,600	SITE LIFE NOT KEFINED
Hazardous Waste	0	0



TABLE E.2.2 HAZARDOUS WASTE TYPES AND QUANTITIES

HAZARDOUS WASTE	DETAILED DESCRIPTION	Tonnes Per Annum
Waste Oil	NOT APPULABLE	0 *
Oil filters	u u	ių
Asbestos	v N	11
Oil/Sand Mixtures or Mixtures of Oil and Other Material	/	ų
Wood Preservation Waste	. N. N	11
Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal	* *	N
Wastes from Inorganic Chemical Processes	N Willer ise	N
Wastes from Organic Chemical Processes	Mark of the and the ties	· Ŋ
Agrochemical Wastes	of the feet	Λ
Infectious Healthcare Waste	, v	N.
Photographic Processing Waste	* · W	<b>k</b> .
Paint, inks, adhesives and resins	<i>N N</i>	
Batteries and accumulators	n ,	, ` <b>N</b>
Florescent tubes and other mercury containing waste	w W	<b>k</b>
OTHER HAZARDOUS WASTE (APPLICANT TO SPECIFY)	, , , , , ,	
A SMALL AMOUNTS OF WASTE OIL MA	Y ARRIVE ON SITE IMA	WILLENTY
THESE MULLE SECRECIATED FOR		
RECYCLING/ MSPOSAL PACILITIES		

# TABLE E.2.3 NON-HAZARDOUS WASTE TYPES

	r	· ·
INERT WASTE	Check (if accepted)	Additional Information
Stones and Soil		
Topsoil		
Brick		
Natural Sand		
Concrete		
Pottery & China		
Asphalt, tar and tarred products	V .	
	· ·	
BIODEGRADABLE WASTE	Check (if accepted)	Additional Information
Wood & Wood Products		Oille
Paper & Paper Products		to and
Vegetable Matter		
Non-Infectious Health-Care Waste	Durge diffe	
Natural & Manmade Fibres	Sold Street	
Street Cleaning Residues	8 0	
Gully Emptyings		,
Septic Tank Sludge		
Dredging spoil		
Food Stuffs		
Oil/Water Mixtures		
Vegetable Oil	$\square$	
Oil and Fat		
Animal faeces, urine and manure		
(including spoiled straw) effluent,		
collected separately and treated off-	,	
<b>,</b>		1
site Animal Blood		

# TABLE E.2.4 OTHER WASTES

OTHER WASTES	Check (if accepted)	Additional Information
Gypsum based Constructon Materials		
Dried Paints, Dried Varnish & Dried Lacquer		
Foundry Sand & spent blasting grit		
Glass		
Latex & Rubber Solutions		
Solid, Fully Polymerised Plastics		of Ise.
Solid Rubber (excluding tyres)		J. Jolf.
Electronic and Electrical Waste		Soft and off
Waste from incineration or pyrolysis of municipal and similar commercial, industrial and institutional wastes	ad its getting under ret	
and moderation wastes	CO. 100	
OTHER WASTES	Check (if	Additional Information
	6 00 4	
OTHER WASTES	Check (if	and the second s
OTHER WASTES	Check (if	

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

Attachment E.2 should contain any relevant additional information.

### E.3 Waste Acceptance Procedures

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

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

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

<u> </u>	SECTION	35.4	OF ELS	
Attachment included	yes 🔽	no di	not appl	icable
	actic	n pured		

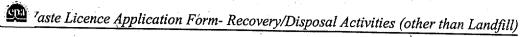
#### E.4 Waste Handling

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

	SECTION 355 OF ELS
Attachment included	yes no not applicable

#### E.5 Raw Materials and Energy

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



	SECTION	N 35	IF OF ELS
Attachment included	yes 🕡	no	not applicable

E.6 Plant

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

Attachment included

SECTION 3.2.17 OF FIS

not applicable

not applicable



# **ENVIRONMENTAL NUISANCES**

Control measures for all potential environmental nuisances should be submitted.

Attachments F.1 to F9 should provide information on how potential environmental nuisances are to be controlled. Additional advice on completing this section is provided in the Guidance Note.

# F.1 Aerosol Control

Control method specified	yes 🗌	no	not applicable
Attachment included	yes 🗸	no	not applicable

## F.2 Bird Control

Control method specified	yes 🗌 / no 🗹	not applicable
Attachment included	yes Zo no	not applicable

# F.3 Dust Control

Control method specified	<u>ر</u>	yes	V	no	not applicable
Attachment included		yes	<b>U</b>	no 🗌	not applicable

# F.4 Fire Control

Control method specified	yes 🗸	no 🗌	not applicable
Attachment included	yes 🗸	no	not applicable

# F.5 Litter Control

Control method specified	yes 🗸	no	not applicable
Attachment included	yes 🗸	no 🗌	not applicable

#### F.6 Odour Control



Control method specified	yes no	not applicable
Attachment included	yes 🗸 no 🗌	not applicable

# F.7 Roads Cleansing

Control method specified	yes no no	not applicable
Attachment included	yes ☑ no ☐	not applicable

# F.8 Traffic Control

Control method specified	yes 🔽	no[_]	not applicable
Attachment included	yes 🕡	no	not applicable

# F.9 Vermin Control

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



## G. DECOMMISSIONING AND AFTERCARE

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

The following should be included;

### G.1 Decommissioning

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

Attachment included yes on not applicable not applicable

# G.2 Aftercare Management Plans

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

			<u> </u>		
Attachment in	ıcluded	ves 🗸	no	not app	licable



### H. ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES

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

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

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

H.1 Air	Competion Purelled			
	STESTION	4.20	OF EIS	
Attachment included	Yes V	no	not applicable	
College	itol			
H.2 Climate				
	SECTION	4.1 01	= ELS	
Attachment included	yes 🗸	no	not applicable	
	•			
H.3 Cultural Heritage		•		
	SECTION	14.11	OF EIS	
Attachment included	yes 🗸	no	not applicable	
		•		
H.4 Ecology	*•			
	SECTION	147	OF EIS	
Attachment included	ves	no	not applicable	

H.5 Human Beings				•
•	SECT	10N 4.	8 c	F EIS
Attachment included	yes 🗸			not applicable
	<u></u>			
		•		
H.6 Hydrogeology				
		ON 4.5	OF	
Attachment included	yes 🗸	] no		not applicable
				•
H.7 Landscape				
11.7 Lanuscupe	Caro		in i	or cic
A 44 - 1		× -	7	FEIS
Attachment included	yes <u>✓</u>	no		not applicable
				at 1150
				othe
H.8 Noise			only	, and
	SECTI	ON 400	20 C	FEIS
Attachment included	yes Ver to the total constitution of the tot	Qu'no	٦	FE(S
	- J	ctionner		· ·
	insp	ator	: .	
	FOLOVILE			<i>A</i>
H.9 Discharge to Surface Wat	er scott	•		
	SEC.	TION "	4.6	OFEIS
Attachment included Control	yes 🗸	no		not applicable
H.10 Discharge to Sewer	, .		•	
11.10 Discharge to Sewer	Ciro	Fied 1 /1		ME ELS
Add Ton and in No. 1		FION 4	.00	
Attachment included	yes ∨	] no		not applicable

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

Emission Point Ref. Nº:	
Name of emission point:	
Source of emission:	
Location of sewer connection:	
Grid Ref. (12 digit, 6E, 6N):	
Date of commencement:	Met lise.
Name of sewer undertaker:	es ally any
Periods of emission (avg.):	min/hr hr/day day/yr
Volume to be emitted:	Average/day: m³/d
	Maximum rate/hour: m³/h
	Maximum rate/day: m³/d
Name of receiving water:	
Flow rate in receiving water:	
A	
Available waste assimilative c kg/day	арасну:



#### I. MANAGEMENT PLANS

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

### I.1 Conditioning Plan

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

Attachment included	yes 🗸	no	not applic	able
			N II	

# I.2 Environmental Management System (EMS)

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

		X	<u> </u>		
į	Attachment included	. 3150	yes 📝	no	not applicable

#### J. ENVIRONMENTAL MONITORING

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

### J.1 Dust

	SECTION	3.8.1	OF EIS
Monitoring Programme specified	yes 🖊	no	not applicable
Attachment included	yes 🔽	no	not applicable

### J.2 Ecological

		SECTION 300 2	OF EIS
M	Ionitoring Programme specified	yes winow	not applicable
A	ttachment included	yes no	not applicable

#### J.3 Groundwater

Othice	SECTION	<u> 383</u>	TES
Monitoring Programme specified	yes 🗌	no	not applicable
Attachment included	yes 🗸	no	not applicable

# J.4 Air

	SECTION	3.8.4	OF EIS
Monitoring Programme specified	yes 🗌	no	not applicable
Attachment included	yes 🗸	no	not applicable

# J.5 Sewer Discharge

	SECTION	3.8.5	OF-	ELS
_				

Monitoring Programme specified	yes 🗸	no[	not applicable
Attachment included	yes 🔽	no	not applicable

# J.6. Meteorological Data

SECTION 3.8.6 OF EIS

Monitoring Programme specified	yes 🗌	no	not applicable
Attachment included	yes 🔽	no 🗌	not applicable

### J.7 Noise

SECTION 3.87 DE EIS

Monitoring Programme specified	yes 🛮	no[	∞not applicable
Attachment included	yes 🔽	no	not applicable

#### J.8 Odours

BECTION 3.8.8 OF EIS

Monitoring Programme speci	ified yes 🗌	no	not applicable
Attachment included	yes 🗸	no 🗌	not applicable

### J.9 Surface Water

SECTION 3.8.9 OF EIS

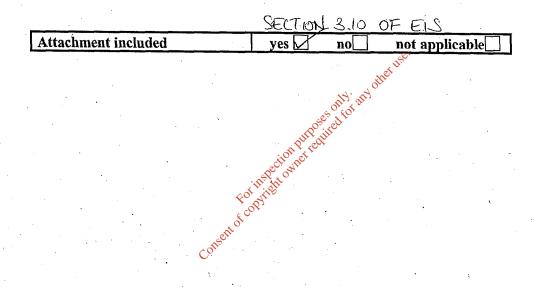
Monitoring Programme specified	yes 🗹	no	not applicable
Attachment included	ves	no	not applicable



### K. CONTINGENCY ARRANGEMENTS

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

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





### L. STATUTORY REQUIREMENTS

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

### L.1 Offences and Convictions

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

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

Yes No V

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

If yes, give full details of each offence: NOT

NOT APPLICABLE

Offence	Person/Body Corporate	Date	Court	Fine	Costs
	COL				
	x of		·		
	diser.				

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

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

		<u>/·                                      </u>	
Attachment included	yes 🗸	no r	iot applicable

#### L.2 Technical Competence and Site Management

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

Name	Position	Duties and Responsibilities	Experience /Qualifications
SEALUS KELLY	SOLE TRANSL	OVERALL MANAGEMENT	20 425
KATHLEEN EGAN	FINANCIAL HGER	FINANCE &	20 YRS
AARON KELLY	TRANSPORTMORE	GENERALMANAGER	FAS&15 TRS
JAMES EARLE		DAY TO DAY NAMAGENLENT	14 YRS
		Mr. Mr.	

no

not applicable

#### L.3 Financial Provision

Attachment included

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

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

Attachment included	ves no not applicable
Attachment included	Yes 2 no not applicable



#### M. CHECKLIST

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

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

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

CHECKED	Applicant	To leave the second	Official	
LOCATION	PI	Official all		

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

LOCATION	BB			
CHECKED	Applicant	U .	Official	

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

LOCATION	B4	, 1	
CHECKED	Applicant		Official

(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	B2_		
CHECKED	Applicant	9	Official



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

LOCATION	B6		
CHECKED	Applicant	Official [	

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

LOCATION	Bb	
CHECKED	Applicant 🔽	Official

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

LOCATION	D2, D3, E1	F. Berglin	
CHECKED	Applicant	W. Car	Official

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

	~ COI		
LOCATION	Ð.5		
CHECKED	Applicant	Official	

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

LOCATION	DAE			N. T.
CHECKED	Applicant	U	Official	

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

LOCATION	J	
CHECKED	Applicant	Official

(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	J. SECTION	1370FEL	ζ
CHECKED	Applicant		Official 🗌

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

	و چې ه	*	
LOCATION	H Coritivation	•	
CHECKED	Applicant		Official

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

LOCATION	J. SECTION	138 OF E	īs.	
CHECKED	Applicant		Official	

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

LOCATION	D2+D3	
CHECKED	Applicant 🔽	Official



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

LOCATION	++	
CHECKED	Applicant	Official [

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

LOCATION	6		
CHECKED	Applicant	Official	

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

LOCATION	A citot per	
CHECKED	Applicant /	Official
	X 2 X 2 X	

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

LOCATION	SECTION	B.9 (A	SPUCATION FORM)	$\Box$
CHECKED	Applicant		Official [	

- Article 12(3) Without prejudice to Article 13(1), an application for a licence shall be accompanied by -
  - (a) a copy of the relevant page of the newspaper in which the notice in accordance with article 6 has been published,

LOCATION	<b>B</b> .5		
CHECKED	Applicant	Official	

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

LOCATION	8.5		Q.*
CHECKED	Applicant	V	Official

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

LOCATION	B. Soi right	,	
CHECKED	Applicant	V	Official

- (d) a copy of such plans, including a site plan and location map, and such other particulars, reports and supporting documentation as are necessary to identify and describe, as appropriate -
  - (i) the position of the notice in accordance with article 7,

LOCATION	B.5			
CHECKED	Applicant	日	Official	

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

LOCATION	C+I+J		
CHECKED	Applicant	Official	

1
Jeme

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

LOCATION	J. SECTION 3.	8 OFEIS
CHECKED	Applicant 🔽	Official [

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

INCLUDED Y/N	V	
CHECKED	Applicant [	Official [

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

CHECKED	Applicant	ditted .	Official
PROVIDED Y/N	У	as a fois	
		14.00	•

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

EIA REQUIRED ? Ý/N	T Y
CHECKED	Applicant V Official
15 COPIES OF EIS INCLUDED ? Y/N	У
CHECKED	Applicant 🛛 Official 🗌
LOCATION	MIACHED
CHECKED	Applicant Official



#### N. DECLARATION

#### **Declaration**

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

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

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

G.	
Signature:	
Print name:	SEAMUS KELLY after 150
1	14. mg
Date:	24/2/04 50000
Position	nt of nite
in organisation:	ONNER) SOLER TRADER
On behalf of	aect anne
(name of	ith the
organisation):	SEAMUSORELLY & SONS

\*Note:

• in the case of a partnership, all partners should sign the declaration; and,

• if the application is signed by an agent/consultant, the proposed licence

holder must also sign and date the declaration.



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



#### ANNEX 1 STANDARD FORMS

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

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



# 1.1 AIR EMISSIONS

	(ONE TABLE PER EMISSION POINT)
Emission Point Ref. Nº:	
Name of emission point:	
Source of Emission:	
Location of emission point:	
Grid Ref. (12 digit, 6E, 6N):	
Date of commencement:	
Periods of emission (avg.):	min/hr min/hr day/yr
Volume to be emitted:	Average/day: m <sup>3</sup> /d
	Maximum rate/hours different m³/h
	Maximum rate/day: m³/d
Vent diameter:	mase of cont
Vent height above ground:	
	m
Min. efflux velocity:	m/sec
Temperature:	Max°C Min°C Avg°C
For Combustion Sources:	
Volume terms expressed as :	□ wet □ dry%O <sub>2</sub>



# 1.2 AIR EMISSIONS CHARACTERISATION

(one table per emission point)

Emission Point Reference Number:

Parameter		Prior to	reatment			As discharged				
name	mg/Nm <sup>3</sup> kg/		/h mg/Ni				kg/year			
	Average	Max	Average	Max	Average	Max	Average	Max	Average	Max
		-							·	
					·					
						, USE.				
						other				
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# 1.3 EMERGENCY PROCEDURES

Emission point ref. no.	Description	Malfunction which could cause	Emergency Procedure Number	(pote	Emission deta ntial maximum	
(as per flow diagram)		an emission		Material	mg/Nm³ (air) mg/l (liquid)	kg/hour
			of its period by the required considering	ily any other use.		
		Consento	Const			

<sup>&</sup>lt;sup>1</sup> Estimate the potential maximum emission for each malfunction identified.



# 1.4 EMISSIONS ABATEMENT

# ABATEMENT/TREATMENT CONTROL (ONE TABLE PER EMISSION POINT)

Emission Poi	nt Reference Numb	er:			Air 🔲 Surfa	ce water 🔲 Groi	ındwater 🗌
Control <sup>1</sup> parameter	Equipment <sup>2</sup>	Equipment maintenance	Equipment calibration	Equipment back-up	Monitoring to be carried out <sup>3</sup>	Monitoring equipment	Monitoring equipment calibration
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<sup>&</sup>lt;sup>1</sup> List the operating parameters of the treatment / abatement system which control its function.

<sup>2</sup> List the equipment necessary for the proper function of the abatement / treatment system.

<sup>3</sup> List the monitoring of the control parameter to be carried out with cross reference to the appropriate monitoring section.



# 1.5 GROUNDWATER QUALITY

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

Parameter			esults ng/l)		Sampling method (composite etc.)	Normal Analytical Range	Analysis method / technique	
	Date	Date	Date	Date				
Ph								
Temperature				·				
Electrical conductivity EC					Jige.			
Ammoniacal nitrogen NH <sub>4</sub> -N		·			other			
Dissolved oxygen DO			1	, S	8. 511A		1	
Residue on evaporation (180°C)				itposes of	<b>5</b>			
Calcium Ca				ion Pried				
Cadmium Cd			so <sup>e</sup>	OWITE				
Chromium Cr			ज गिर्देश					
Chloride Cl			FORT					
Copper Cu			, of					
Cyanide Cn, total			nseit.		<u>.</u>			
Iron Fe		(	<b>Y</b>					
Lead Pb								
Magnesium Mg					: "			
Manganese Mn								
Mercury Hg								
Nickel Ni								
Potassium K								
Sodium Na		l				1		



# GROUNDWATER QUALITY (SHEET 2 OF 2)

Parameter			Results (mg/l)		Sampling method (composite, dipper etc.)	Normal Analytical Range	Analysis method / technique
•	Date	Date	Date	Date			
Phosphate PO <sub>4</sub>						•	
Sulphate SO <sub>4</sub>							
Zinc Zn							
Total alkalinity (as CaCO <sub>3</sub> )					iller		,
Total organic carbon TOC					Solfor any o		
Total oxidised nitrogen TON					5 Off of the		·
Arsenic As				2002	ried .		
Barium Ba				of Prized		··	
Boron B				aection net			
Fluoride F				institu			
Phenol			Ŷ <sup>C</sup>	DALL			
Phosphorus P			of C				
Selenium Se			asent				
Silver Ag			Co				
Nitrite NO <sub>2</sub>							
Nitrate NO <sub>3</sub>							
Faecal coliforms (/100mls)							
Total coliforms (/100mls)							`
Water level (m OD)							

# 1.6 GROUNDWATER EMISSIONS

	(ONE TABLE PER	EMISSION P	DINT)	
Emission Point or Area Ref. I	1₀:			
Emission Pathway:				
Location of discharge:				
Grid Ref. (10 digit, 5E, 5N):				
Elevation of discharge: (relative to Ordnance Datum)	)			
Identity and proximity of gro sources at risk (wells, springs,			્રહ	
Aquifer classification for rece groundwater body:		only a	N offert	
Groundwater vulnerability as (including vulnerability ratin	ssessment g):	ALL ALL		
Identity and proximity of surbodies at risk:	face water right			
Periods of emission, average:	Colises mi	n/hr	hr/day	day/yr
Volume to be emitted:	Average/day:			m³/d
	Maximum rate/h	iour:		m³/h
	Maximum rate/o	lay:		m³/d
			· · · · · · · · · · · · · · · · · · ·	



# 1.7 NOISE EMISSIONS

Source	Emission point reference No.	Equipment reference No.	Sound Pressure <sup>1</sup> Octave  dBA at reference distance  Sound Pressure <sup>1</sup> Levels						t) eighted)	per ba	nd		Impulsive or tonal qualities	Periods of Emission	Other Commen
				31.5	63	125	250	500	1K	2K	4K	8K			
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				·			L			[	1	1			

<sup>&</sup>lt;sup>1</sup>For items of plant Sound Power levels may be used.



# 1.8 NOISE MONITORING

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

Location	National Grid Reference	So	und Pressure Levels	
	(5N, 5E)	L(A) <sub>eq</sub>	L(A) <sub>10</sub>	L(A)90
1. SITE BOUNDARY '				
Location 1:				
Location 2:			·	*
Location 3:			(1150	
Location 4:			othe.	
Location 5:			व्योभं व्याप	
Location 6:	•		ases a for	
Location 7:	-		altip chire	
Location 8:		;;0	St. Co.	
2. NOISE SENSITIVE LOCATIONS		inspectors	<b>Y</b>	
Location 1:		, cold.	·	
Location 2:		a di		
Location 3:		alset.		
Location 4:		O .		
Location 5:				
Location 6:		·		
Location 7:				
Location 8:				

NOTE: All locations should be identified on accompanying drawings.

# 1.9 PERMEABILITY VALUES

Borehole No.	Method of test	Supervisor	Strata	Test Zone (m OD)	Permeability Value
	,				
		<u> </u>			
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•					<u> </u>
					<u> </u>
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				other	
			es offi	903	
			705:1180 ft		
			Of Dall Look		
		, s	Cidanie		
		COLITICA	it.		
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•	· .	entor			
		Colts			
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# 1.10 RAW MATERIALS, INTERMEDIATES, PRODUCTS, etc.

	Ref. Nº or Code	Material / Substance <sup>1</sup>	CAS Number	Danger <sup>2</sup> Category	Amount Stored (tonnes)	1 1	Nature of Use	Organic/ Inorganic	R³ - Phrase	S³ - Phrase	Major Industrial Hazard Regs Yes/No
ı		<u> </u>					-	,			

<sup>&</sup>lt;sup>1</sup>In cases where a material comprises a number of distinct and available dangerous substances, please give details for each component substance.

<sup>2</sup>c.f. Article 2(2) of S.I. Nº 77 of 1994

<sup>3</sup>c.f. Schedules 2 and 3 of S.I. Nº 77 of 1994

	Material / Substance <sup>2</sup>		<b>Ecologic</b> :	al Aquat	tic	यात्र आप	Toxic	ological		Radioactive
Ref. Nº or Code		LC <sub>50</sub> mg/l	Species	EC <sub>50</sub> mg/l <sup>4</sup>	Species Species	Oral LD <sub>50</sub> mg/kg	Species	IV LD <sub>50</sub> mg/kg	Species	Yes/No
					Decityine					

<sup>&</sup>lt;sup>4</sup>Where available

Ref. Nº or Code	Material / Substance <sup>2</sup>	TA Luft Class 1, 2 or 3		Calsell of Odour		(S)	EU List pecify Group	ts I and II /Family Nun	nber)
•			Odorous Yes/No	Description	Threshold ug/m³	Dangerous Subs 76/464		Groundwater Di	rective 80/68/EEC
					ŀ	List I	List II +129 <sup>s</sup>	List I	List II
								•	

<sup>&</sup>lt;sup>5</sup>The European Commission priority candidate list

# 1.11 SITE INVESTIGATIONS

Borehole No.	Grid reference	Drilling method	Total depth (m)	Diameter (mm)	Formation Name	Strata	% Core Recovery	Water strike (m OD)
				·				
						1		
					_			
	:				S.	15 <sup>e</sup>		
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					es of the strip			
					ose of the			
				A Pill	, Chi			
				aection when				

# 1.12 SURFACE WATER QUALITY

(Sheet 1 of 2) Monitoring Point<sup>1</sup>/ Grid Reference:

Parameter	Results (mg/l)				Sampling method <sup>2</sup> (grab, drift etc.)	Normal Analytical Range <sup>2</sup>	Analysis method / technique
	Date	Date	Date	Date	netils		
р <b>Н</b>					14. 0d	• .	·
Temperature					Sec Office and		
Electrical conductivity EC					100 :15°	·	
Ammoniacal nitrogen NH <sub>4</sub> -N				070	<sup>Legip</sup>	•	
Chemical oxygen demand				ectionie			
Biochemical oxygen demand				instito			·
Dissolved oxygen DO				FOTTING			
Calcium Ca				S. Comment			
Cadmium Cd			ageni	·			
Chromium Cr		i	Cogn				
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 <sup>2</sup>	Results (mg/l)			1	Sampling method (grab, drift etc.)	Normal Analytical Range	Analysis method / technique
	Date	Date	Date	Date	1	.	
Nickel Ni							
Potassium K		·					
Sodium Na							
Sulphate SO <sub>4</sub>					7. 15º	F	
Zinc Zn					Office		
Total alkalinity (as CaCO <sub>3</sub> )					ारी वार्	,	
Total organic carbon TOC					Ses dio		
Total oxidised nitrogen TON				A S	Charles Charles		
Nitrite NO <sub>2</sub>	1 40			tion	<b>S</b>		
Nitrate NO <sub>3</sub>				asper our			
Faecal coliforms ( /100mls)				COT ITIEST			
Total coliforms (/100mls)				COD		, , , , ,	
Phosphate PO <sub>4</sub>				ð.			

# 1.13 SURFACE WATER EMISSIONS

· \	ONE TABLE PER EMIS	MON POINT)	
Emission Point Ref. Nº:			
Name of emission point:			
Source of Emission:			
Location of emission point:			
Grid Ref. (12 digit, 6E, 6N):			
Date of commencement:			
Periods of emission (avg.):	min/hr	ollier use. hr/day	day/yr
Volume to be emitted:	Average/day:	odly any other in day	m³/d
	Maximum rate hour:		m³/h
	Maximum rate/day:	•	m³/d
Name of receiving water:	nsent of con		. 1
Flow rate in receiving water:	Flow	m <sup>3</sup> .se	ec-1 Dry Weather
		m <sup>3</sup> .se	ec <sup>-1</sup> 95%ile flow
Available waste assimilative o	capacity:		