



Waste Licence Application Form

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EPA Ref. N^o: <i>(Office use only)</i>	<input type="text"/>
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This document does not purport to be and should not be considered a legal interpretation of the provisions and requirements of the Waste Management Acts 1996 to 2003.

Environmental Protection Agency
P.O.Box 5000, Johnstown Castle Estate, County Wexford
Telephone: 053-60600 Fax: 053-60699



WASTE Application Form

**Environmental Protection Agency
Application for a Waste Licence**

WASTE MANAGEMENT ACTS 1996 to 2003

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INTRODUCTION

A valid application must contain the information prescribed in the Waste Management (Licensing) Regulations 2004 (SI No. 395 of 2004). **The applicant is strongly advised to read the *Application Guidance Notes for Waste Licensing*, available from the EPA.**

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 45*, 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.

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	B1	
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	B3	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

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

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

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

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

- (e) describe the nature of the facility or premises concerned, including the proposed capacity of the facility or premises, and in the case of application in respect of a landfill of waste, the requirements specified in Annex 1 of the Landfill Directive,

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

(f) specify the class or classes of activity concerned, in accordance with the Third and Fourth Schedules of the Act, and in the case of an application in respect of the landfill of waste, specify the class of landfill in accordance with Article 4 of the Landfill Directive,

LOCATION	B7	
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	H1	
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	G1	
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	H	
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	L1	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

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(k) give particulars of the source, location, nature, composition, quantity, level and rate of emissions arising from the activity and, where relevant, the period or periods during which such emissions are made or are to be made,

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

(l) give details, and an assessment of the effects, of any existing or proposed emissions on the environment, including any environmental medium other than 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	F1	
CHECKED	Applicant <input checked="" type="checkbox"/>	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	F2-	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

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

LOCATION	H4	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

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

LOCATION	H4	
CHECKED	Applicant <input checked="" type="checkbox"/>	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	J	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

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

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

(r) in the case of an application in respect of the landfilling of waste, give particulars of –

(i) such financial provision as is proposed to be made by the applicant, having regard to the provisions of Articles (7)(i) and (8)(a)(iv) of the Landfill Directive and section 53(1) of the Act, and

LOCATION	NOT APPLICABLE	
CHECKED	Applicant <input type="checkbox"/>	Official <input type="checkbox"/>

(ii) such charges as are proposed or made, having regard to the requirements of section 53A of the Act.

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

(s) state whether the activity is for the purposes of an establishment to which the European Communities (Control of Major Accident Hazards involving Dangerous Substances) Regulations, 2000 (S.I. No. 476 of 2000) apply,

LOCATION	B8	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

(t) 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	E4	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

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

LOCATION	A	
CHECKED	Applicant <input checked="" type="checkbox"/>	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	B6	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

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

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

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

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

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

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

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

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

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

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

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

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

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

Article 13 Where a development requires an Environmental Impact Assessment to be carried out, 1 signed original and 2 copies in hardcopy format of the environmental impact statement plus 16 copies in electronic searchable PDF format on CD-ROM should accompany this application.

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

PROCEDURES

It is recommended that pre-application consultations with the Agency are 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) 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 waste management facility is exactly the same and hence each application will require different information. It is therefore possible that some of the sections of this application form may not be relevant to the activity concerned. **Where information is requested in the application form, which is not relevant to the application, the words “not applicable” should be clearly written on the form. The abbreviation “N/A” should not be used.**

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

Information supplied in this application, including supporting documentation will be put on public display and be open to inspection by any person. **Should the applicant**

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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 2003.

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 2003.

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

- All drawings submitted should be titled and dated.
- They should have a **unique reference number** and should be signed by a clearly identifiable person.
- They should indicate a scale and 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**.

Attachment A.1. Included

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SECTION B GENERAL**B.1 Applicant's Details**

Name*: Irish Packaging Recycling Ltd
Address: Beuparc Business Park
Rathdrinagh
Navan
Co Meath
Tel: 046 9024111
Fax: 046 9024189
e-mail: info@pandawaste.ie

* 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: Jim O'Callaghan
Address: O'Callaghan Moran & Associates
Granary House, Rutland St
Cork
Tel: 021 4321521
Fax: 021 4321522
e-mail: info@ocallaghanmoran.com

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

Address: Beuparc Business Park
Rathdrinagh
Navan
Co Meath
Tel: 046 9024111
Fax: 046 9024189
e-mail: info@pandawaste.ie

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

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

Attachment B1 Included

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

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

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

Name: NOT APPLICABLE

Address:

Tel:

Fax:

e-mail:

Name and address of the current* owner(s) and lessees of the land, buildings and ancillary plant on which the activity is or will be situated (if different from applicant named above). An appropriately scaled drawing (≤A3) showing the above details should be included in Attachment B1.

Name: Sharkey

Address: C/O Gartlan Furey Solicitors
20 Fitzwilliam Square
Dublin 2

Tel: 01-7998000

Fax: 01-7998001

e-mail:

*Current at the time the application is submitted

B.2 Location of Activity

Name: Irish Packaging Recycling Ltd

Address*: Ballymount Road
Walkinstown
Dublin 12

Tel: 01-4602011

Fax: 01-4501338

e-mail:

* Include any townland

National Grid Reference (8 digit 4E,4N)	E310405 N231096.
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Location maps ($\leq A3$), appropriately scaled, with legible grid references should be enclosed in **Attachment B.2**. The site boundary must be outlined on the map in colour.

B2 INCLUDED

B.3 Planning Authority

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

Name:	South Dublin County Council
Address:	County Hall
	Tallaght
	Dublin 24
Tel:	01-4149000
Fax:	

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 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 checked="" type="checkbox"/>

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Local Authority Planning File Reference N^o:	
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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.*

B3 included

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 or other body, give the name of the sanitary authority in which the sewer is vested or by which it is controlled and the waste water treatment plant (if any) to which the sewer discharges.

Name: South Dublin County Council

Address: County Hall

Tallaght

Dublin 24

Tel: 01 8905670

Fax: 01 8906779

The applicant must enclose, as **Attachment B.4**, a copy of any effluent discharge licence and/or agreement between the applicant and the body with responsibility for the sewer.

B.5 Other Authorities

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

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

Name: Eastern Health Board

Address: Dr. Stevens' Hospital

Dublin 8.

Tel: 01-4140000

Fax:

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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 Third Schedule or Fourth Schedule to the Waste Management Acts 1996 to 2003, to which the application relates (check the relevant box(es) 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 THIRD AND FOURTH SCHEDULES OF THE WASTE MANAGEMENT ACTS 1996 TO 2003

Waste Management Acts 1996 to 2003			
THIRD SCHEDULE Waste Disposal Activities	Y/N	FOURTH SCHEDULE Waste Recovery Activities	Y/N
1. Deposit on, in or under land (including landfill).		1. Solvent reclamation or regeneration.	
2. Land treatment, including biodegradation of liquid or sludge discards in soils.		2. Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological processes).	P
3. Deep injection of the soil, including injection of pumpable discards into wells, salt domes or naturally occurring repositories.		3. Recycling or reclamation of metals and metal compounds.	Y
4. Surface impoundment, including placement of liquid or sludge discards into pits, ponds or lagoons.		4. Recycling or reclamation of other inorganic materials.	Y
5. Specially engineered landfill, including placement into lined discrete cells which are capped and isolated from one another and the environment.		5. Regeneration of acids or bases.	
6. Biological treatment not referred to elsewhere in this Schedule which results in final compounds or mixtures which are disposed of by means of any activity referred to in paragraphs 1 to 5 or paragraphs 7 to 10 of this Schedule.		6. Recovery of components used for pollution abatement.	
7. Physico-chemical 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 5 or paragraphs 8 to 10 of this Schedule (including evaporation, drying and calcination).		7. Recovery of components from catalysts.	
8. Incineration on land or at sea.		8. Oil re-refining or other re-uses of oil.	
9. Permanent storage, including emplacement of containers in a mine.		9. Use of any waste principally as a fuel or other means to generate energy.	
10. Release of waste into a water body (including a seabed insertion).		10. The treatment of any waste on land with a consequential benefit for an agricultural activity or ecological system.	
11. Blending or mixture prior to submission to any activity referred to in a preceding paragraph of this Schedule.		11. Use of waste obtained from any activity referred to in a preceding paragraph of this Schedule.	
12. Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule.		12. Exchange of waste for submission to any activity referred to in a preceding paragraph of this Schedule.	
13. Storage prior to submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where the waste concerned is produced.		13. Storage of waste intended for submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where such waste is produced.	Y

TABLE B.7.2 MAXIMUM ANNUAL TONNAGE

The maximum annual tonnage of waste to be handled at the site should be indicated and the year to which the quantity relates indicated.

Maximum Annual Tonnage (tpa)	150,000
Year	2009

B.7.3 FEES

State each class of activity for which a 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. Note: two fees are required if disposal and recovery are to occur.

Waste Activity	Fee (in €)
Recovery of Waste (4)	€10,000

TABLE B.7.4 (FOR A LANDFILL APPLICATION) NOT APPLICABLE

STATE WHICH OF THE FOLLOWING IS RELEVANT TO THE CURRENT APPLICATION.

(a) landfill for hazardous waste	<input type="checkbox"/>
(b) landfill for non-hazardous waste	<input type="checkbox"/>
(c) landfill for inert waste	<input type="checkbox"/>

B.8 SEVESO II DIRECTIVE

State whether the activity is for the purposes of an establishment to which the European Communities (Control of Major Accident Hazards involving Dangerous substances) Regulations, 2000 (S.I. No. 476 of 2000), apply.

Regulations Apply	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
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If yes, **Attachment B.8** 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.

SECTION C MANAGEMENT OF THE FACILITY

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

C.1 Technical Competence and Site Management

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

Details of the applicant’s experience and qualifications, along with that of other relevant employees, should be summarised as shown below. Statements of duties, responsibilities, experience and qualifications should be submitted for each position named below. Additional information, including the management structure and an organisational chart, should be included in **Attachment C 1**.

Name	Position	Duties and Responsibilities	Experience /Qualifications
Mr. Eamon Whelan	Facility Manager	General Management	17 years experience in operation of waste management facilities

Additional Information provided in Attachment C1.

C.2 Environmental Management System

Attachment C 2 should contain the Environmental Management System (EMS) details required.

C.3 Hours of Operation

Attachment C 3 should contain details of hours of operation for the waste facility, civic waste facilities and other facilities.

- (a) Proposed hours of operation.
- (b) Proposed hours of waste acceptance/handling.
- (c) Proposed hours of any construction and development works at the facility and timeframes (required for landfill facilities).
- (d) Any other relevant hours of operation expected.

C.4 Conditioning Plan

Address as **Attachment C 4**, in the case of a LANDFILL Application, and only for the review of a Landfill Waste Licence.

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	
D.1.b	Designs for site roads	N	Access road already constructed
D.1.c	Design of hardstanding areas	N	Hardstanding areas already paved
D.1.d	Plant	Y	
D.1.e	Wheel-wash	N	
D.1.f	Laboratory facilities	N	
D.1.g	Design and location of fuel storage areas	Y	
D.1.h	Waste quarantine areas	Y	
D.1.i	Waste inspection areas	Y	
D.1.j	Traffic control	Y	
D.1.k	Sewerage and surface water drainage infrastructure	Y	
D.1.l	All other services	Y	
D.1.m	Plant sheds, garages and equipment compound	Y	
D.1.n	Site accommodation	Y	
D.1.o	A fire control system, including water supply	Y	
D.1.p	Civic amenity facilities	N	
D.1.q	Any other waste recovery infrastructure	N	
D.1.r	Composting infrastructure	N	
D.1.s	Construction and Demolition waste infrastructure	N	
D.1.t	Incineration infrastructure (if applicable). Provide information to fulfil Article 4 (2) & (3) of the Incineration of Waste Directive	N	
D.1.u	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 *Guidance Note*.

Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
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LANDFILLS NOT APPLICABLE

The following Sections D3 to D7 should only be completed for Landfill Applications. Reference should be made to the Agency landfill manual ‘Landfill Site Design (2000)’ when completing this section.

D.3 Liner System

Complete the following table regarding the liner system to be used for the landfill/landfill extension and detail the information requested as **Attachment D.3**. **Items D3c to D3g should only be completed for immediate projects only (ie Years 1 & 2)**. A schedule of Liner construction activities for the medium to long term need only be listed in item D3a below, since Condition 3 of any licences granted will provide reporting requirements for any future projects.

TABLE D.3 LINER SYSTEM NOT APPLICABLE

		y/n	Comments
D.3.a	Provide information to fulfil Annex 1 of the Landfill Directive		
D.3.b	What type of liner system is specified?		
D.3.c	Has a Quality Control Plan been specified?		
D.3.d	Has a Quality Assurance Plan been specified?		
D.3.e	Have independent, third-party supervision, testing and controls been specified?		
D.3.f	Have basal gradients for all cells and access ramps to the cells been designed?		
D.3.g	Has a leak detection survey been specified?		

D.4 Leachate Management

Complete the following table detailing leachate management arrangements. Further information should be included in **Attachment D.4**.

TABLE D.4.1 LEACHATE MANAGEMENT ARRANGEMENTS NOT APPLICABLE

		y/n	Comments
D.4.a	Is there a Leachate Management Plan?		
D.4.b	Have annual quantities of leachate been calculated?		
D.4.c	Has the total quantity of leachate been calculated?		
D.4.d	Have the size of the cells been specified taking account of the water balance calculations?		
D.4.e	Has a leachate collection system been specified?		
D.4.f	Has a leachate storage system been specified?		
D.4.g	Has a system for monitoring the level of leachate in the waste been designed?		
D.4.h	Is leachate recirculation proposed/practised?		
D.4.i	Has leachate treatment on-site been specified?		
D.4.j	Has leachate removal been specified?		

D 5 Landfill Gas Management NOT APPLICABLE

All landfill sites should have suitable arrangements for the management of landfill gas. **Attachment D.5** should contain the appropriate documentation. Information provided should follow the sequence, and use the headings, established in Table D.5. **Items D5g to D5m should only be completed for immediate or current gas collection projects only (ie Years 1 & 2).** A schedule of gas management aspects for the medium to long term need only be listed in item D5f below, since Condition 3 of any proposed decision/licence will provide reporting requirements for any future projects.

Table D.5. Landfill Gas Management NOT APPLICABLE

		y/n	Comments
D.5a	<p>Is there a Landfill Gas Management Plan?</p> <p>Provide estimates of the volumes of landfill gas which will be produced by the waste disposed of in the site for the next 20 years, and compare to the EPER list for methane:</p>		
D.5b	Is there a passive venting system?		
D.5c	Does the passive system cover all of the filled area?		
D.5d	Have gas alarm systems been installed in the site buildings?		
D.5e	Have measures been installed to prevent landfill gas migration (e.g. barriers)?		
D.5f	Has a time-scale been proposed for the installation of landfill gas infrastructure?		
D.5g	Is gas flaring undertaken at the site?		
D.5h	Is there an active (i.e., pumped) landfill gas extraction system?		
D.5i	Does the active system cover all of the filled area?		
D.5j	Is landfill gas used to generate energy at the site?		
D.5k	Have emissions from the flarestack and utilisation plant been assessed for source, composition, quantity and level and rate?		
D.5l	Has a maintenance programme for the control system been specified?		
D.5m	Has a condensate removal system been designed?		

D.6 Capping System – NOT APPLICABLE

Complete the following table detailing the design of the capping system. **Attachment D.6** should contain the appropriate documentation. **Items D6e to D6k should be completed for immediate projects only (ie Years 1 & 2).** Condition 10 of any proposed decision/licence will provide reporting requirements for capping requirements beyond this timeframe.

Table D.6 Capping System

		y/n	Comments
D.6a	Has the daily cover been specified?		
D.6b	Has the intermediate cover been specified?		
D.6c	Has the temporary capping been specified?		
D.6d	Has the Capping System been designed and does it meet the requirements of the Landfill Directive Annex 1 (3.3)?		
D.6e	Does the Capping System include a flexible membrane liner?		
D.6f	Have all capping materials been specified?		
D.6g	Has a Method Statement for construction been produced?		
D.6h	Has a Quality Control Plan been produced?		
D.6i	Has a Quality Assurance Plan been produced?		
D.6j	Has a programme for monitoring landfill stability been developed?		
D.6k	Has a programme for monitoring landfill settlement been developed?		

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 are emitted.

E.1 Emissions to Atmosphere

Details of all point emissions to atmosphere should be supplied. Table E.1.(i) (for Landfill Gas Flare emissions) must be completed for all landfills with a flare. Complete Table E.1(ii) and E.1(iii) for all other main emission points, including stack sources (incinerator stacks, landfill gas utilisation plants, air handling unit emissions etc.). Complete Table E.1(iv) for minor/fugitive/ground emission points.

E.2 Emissions to Surface Waters

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

E.3 Emissions to Sewer

Attachment E.3 Tables E.3(i) and E.3(ii) should be completed, where relevant.

E.4 Emissions to Groundwater

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 pollution by certain dangerous substances.

Table E.4(i) should be completed, as relevant, for each source.

Supporting information should form **Attachment E.4**

E.5 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.5(i) should be completed, as relevant, for each source.

Supporting information should form **Attachment E.5**

E.6 Environmental Nuisances

Attachment E.6 should contain the appropriate documentation. Information provided should follow the sequence, and use the headings as relevant established in Table D.6. Additional advice on completing this section is provided in the *Guidance Note*.

TABLE E.6 ENVIRONMENTAL NUISANCES

Bird Control	Control method specified	yes <input type="checkbox"/>	no <input type="checkbox"/>	not applicable <input checked="" type="checkbox"/>
	Attachment included	yes <input type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
Dust Control	Control method specified	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
	Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
Fire Control	Control method specified	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
	Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
Litter Control	Control method specified	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
	Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
Traffic Control	Control method specified	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
	Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
Vermin Control	Control method specified	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
	Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
Road Cleansing	Control method specified	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
	Attachment included	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>

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 installation/facility. Details of treatment/abatement systems (air and effluent emissions) should be included, together with appropriately scaled schematics ($\leq A3$) as appropriate.

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

Attachment F.1 should contain any supporting information.

F.2- F. 9. Monitoring and Sampling Points

Programmes for environmental monitoring should be submitted as part of the application. These programmes should be provided as Attachments F.2 to F.6 and meet the advice published by the Agency in the relevant BAT Note. For Landfills the additional Attachments F.7 to F.8 should be completed. Furthermore for a landfill application the applicant must refer to the Agency *Landfill Monitoring Manual (2003)* for further details on monitoring requirements for proposed facilities.

Include details of monitoring/sampling locations and methods.

F.2 Air
- to include Dust, Odour

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

F.3 Surface Water

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

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

F.4 Sewer Discharge

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

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

F.5 Groundwater

Groundwater monitoring is required at all landfill facilities; and certain other waste facilities depending on waste activities and the underlying aquifer vulnerability.

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

F.6 Noise

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

F.7 Meteorological Data

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

Application for Landfills require the additional Attachments F.7 to F.8, to be completed:

NOT APPLICABLE

F.8 Leachate

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

F.9 Landfill Gas NOT APPLICABLE

Complete each of the following tables to show whether information has been included on aspects of landfill gas monitoring. **Attachment F.9** should also contain information to show whether the data given in Tables F.9.(a) and F.9(b) below represents actual or anticipated data. Complete Table F.9 as follows:

Table F.9 (a) Landfill Gas Monitoring for existing landfill gas flares / utilisation plants

Parameter	Concentration (mg/Nm ³)	Proposed Frequency of Analysis	Information Included Y/N	Method of Analysis	Information Included Y/N
Inlet					
Methane (CH ₄) % v/v					
Carbon dioxide (CO ₂) %v/v					
Oxygen (O ₂) % v/v					
Outlet					
Volumetric Flow Rate					
SO ₂					
Nox					
CO					
Particulates					
TA Luft Class I, II, III organics					
Hydrochloric acid					
Hydrogen Fluoride					

Table F.9(b) Landfill Gas Monitoring

Parameter	Proposed Frequency of Analysis		Information Included Y/N	Method of Analysis	Information Included Y/N
	Gas boreholes / vents/ wells/ perimeter locations	Facility Office			
Methane (CH ₄) % v/v					
Carbon Dioxide (CO ₂) % v/v					
Oxygen (O ₂) % v/v					
Atmospheric Pressure					
Temperature					

Table F.9 (c) Landfill Gas Infrastructure

Equipment	Monitoring Frequency	Information Included Y/N	Monitoring Action	Information Included Y/N
Gas Collection System				
Gas Control System				

Monitoring Arrangements specified	yes <input type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
Monitoring points identified, (plus 12-figure grid references)	yes <input type="checkbox"/>	no <input type="checkbox"/>	not applicable <input type="checkbox"/>
Attachment included	yes <input type="checkbox"/>	no <input type="checkbox"/>	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 in or produced 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. Additional advice on completing this section is provided in the *Guidance Note*.

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

G.2 Energy Efficiency

A description of the energy used in or generated by the activity must be provided in **Attachment G.2**.

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

H.1 Waste Types and Quantities – Existing & Proposed

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

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

Waste Management Act 3rd Schedule (Disposal) Activities			Waste Management Act 4th Schedule (Recovery) Activities		
Class of Activity Applied For		Quantity (tpa)	Class of Activity Applied For		Quantity (tpa)
Class 1			Class 1		
Class 2			Class 2		100,000
Class 3			Class 3		25,000
Class 4			Class 4		25,000
Class 5			Class 5		
Class 6			Class 6		
Class 7			Class 7		
Class 8			Class 8		
Class 9			Class 9		
Class 10			Class 10		
Class 11			Class 11		
Class 12			Class 12		
Class 13			Class 13		Combined total of above

In Table H. 1 (B) provide the annual amount of waste handled/to be handled at the facility. Additional information should be included in **Attachment H.1**. 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. For Landfill Review applications provide an estimate of the quantity of waste already deposited in (i) lined cells; (ii) unlined cells.

TABLE H.1(B) ANNUAL QUANTITIES AND NATURE OF WASTE

Year	Non-hazardous waste (tonnes per annum)	Hazardous waste (tonnes per annum)	Total annual quantity of waste (tonnes per annum)
2009	150,000	0	150,000
		0	

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A detailed inventory of the types and quantities of wastes currently handled at the site and proposed to be handled should be submitted as Table H.1 (C).

TABLE H.1 (C) WASTE TYPES AND QUANTITIES

WASTE TYPE	TONNES PER ANNUM (existing)	TONNES PER ANNUM (proposed)	TOTAL (over life of site) tonnes
Household		50,000	UNKNOWN
Commercial		50,000	UNKNOWN
Sewage Sludge		0	0
Construction and Demolition		0	UNKNOWN
Industrial Non-Hazardous Sludges		0	0
Industrial Non-Hazardous Solids		50,000	UNKNOWN
Hazardous *(Specify detail in Table H 1.2)		0	0
Inert Waste imported for restoration purposes	COMPLETELY FOR LANDFILL & CONTAMINATED LAND FACILITIES ONLY		

*** TABLE H.1.2 HAZARDOUS WASTE TYPES AND QUANTITIES**

HAZARDOUS WASTE	DETAILED DESCRIPTION * REFERENCE SHOULD BE MADE TO THE RELEVANT EUROPEAN WASTE CATALOGUE CODES AS PRESENTED BY COMMISSION DECISION 2000/532/EC	Tonnes Per Annum (Existing)	(Tonnes Per Annum Proposed)
Waste Oil		0	0
Oil filters		0	0
Asbestos		0	0
Paint and Ink		0	0
Batteries		0	0
Fluorescent Light Bulbs		0	0
Contaminated Soils		0	0
OTHER HAZARDOUS WASTE (APPLICANT TO SPECIFY)			
			0

Attachment H.1 should contain any relevant additional information.

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 at the facility 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. Special requirements hold for contaminated soil facilities, see *Guidance Note*.

In addition, an application for a Landfill requires Section H.3.a to be completed:

H.3a Waste Handling at the Landfill Facility

State whether all waste will be subject to treatment prior to landfilling. Provide information as to the quantities of biodegradable municipal waste and how the targets of the Landfill Directive (1999/31/EC) relating to that waste type are to be achieved. In particular describe how the following will be achieved:

- (a) a reduction by 16/07/06 to 75% by weight of the total amount of biodegradable municipal waste produced in 1995 or the latest year before 1995 for which standardised Eurostat data is available;
- (b) a reduction by 16/07/09 to 50% by weight of the total amount of biodegradable municipal waste produced in 1995 or the latest year before 1995 for which standardised Eurostat data is available;
- (c) a reduction by 16/07/16 to 35% by weight of the total amount of biodegradable municipal waste produced in 1995 or the latest year before 1995 for which standardised Eurostat data is available;
- (d) Evidence should be provided to show that energy will be used efficiently.

H.4 Waste Arisings

Waste Arisings should be considered for all contaminated soil applications. Details of all waste materials generated on the site including, name, description and nature as well as the source(s) should be identified. The quantities of each type of waste generated on an annual/monthly basis should be calculated and stated in Tables

H.1(i) and H. 1(ii) of the application form. Applicants should also provide conversion factors used to relate volume (m³) and tonnage (t) for their waste stream.

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 atmospheric emissions

Describe the existing environment in terms of air quality with particular reference to ambient air quality standards.

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

Attachment I.1 should also contain full details of any dispersion modelling of atmospheric emissions from the activity, where required.

I.2. Assessment of Impact on Receiving Surface Water

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

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

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

Full details of the assessment and any other relevant information on the receiving environment should be submitted as **Attachment I.2.**

I.3. Assessment of Impact of Sewage Discharge.

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.3.**

I.4 Assessment of impact of ground/groundwater emissions

The scope and detail of this assessment will depend to a large extent on the extent and type of ground emissions at any site, which in turn are related to the risk. Details should be included in **Attachment I.4.** Comprehensive guidelines are contained in the *Application Guidance Note*, and include particular requirements for landfill and brownfield facilities.

Describe the existing groundwater quality. Tables I.4(i) should be completed.

I.5 Ground and/or groundwater contamination

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

Full details including all relevant investigative studies, assessments, or reports, monitoring results, location and design of monitoring installations, appropriately scaled plans/drawings ($\leq A3$), documentation, including containment engineering, remedial works, and any other supporting information should be included in **Attachment I.5.**

I.6 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)

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- (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.6**.

I.7 Assessment of Ecological Impacts & Mitigation Measures

The ecology of the site and the surrounding area should be assessed in the vicinity of the largescale waste facilities such as landfill or incinerator developments. An assessment of the ecology should form **Attachment I.7**. Comprehensive guidelines are contained in the *Application Guidance Note*

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"/>
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SECTION K REMEDIATION, DECOMMISSIONING, RESTORATION AND AFTERCARE

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

For Landfill Applications, capping proposals are required, and reference should be made to the *Landfill Manual on 'Restoration and Aftercare'* published by the Agency, when completing this section.

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

L. 1 Section 40(4) WMA

Indicate how all the requirements of Section 40(4)[(a) to (1)] of the Waste Management Acts 1996 to 2003 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.

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

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

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

- Indicate whether the applicant or other relevant person has been convicted under the Waste Management Acts 1996 to 2003, the EPA Act 1992 and 2003, the Local Government (Water Pollution) Acts 1977 and 1990 or the Air Pollution Act 1987.

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- Provide details of the applicant’s technical knowledge and/or qualifications, along with that of other relevant employees (Link to Section C.1 of the application).
- Provide information to show that the person is likely to be in a position to meet any financial commitments or liabilities that may have been or will be entered into or incurred in carrying on the activity to which the application relates or in consequence of ceasing to carry out that activity (Link to Section K of the application).

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

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

Declaration

I hereby make application for a licence / revised licence, pursuant to the provisions of the Waste Management Acts 1996 to 2003 and Regulations made thereunder.

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

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

Signed by : _____
(on behalf of the organisation)

Date : 11/3/09

Print signature name: _____

EAMON WATERS

Position in organisation : _____

MANAGING DIRECTOR

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Company stamp or seal:

ANNEX 1 STANDARD FORMS

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

TABLE E.1(i) LANDFILL GAS FLARE EMISSIONS TO ATMOSPHERE
Emission Point:

Emission Point Ref. N ^o :	
Location :	
Grid Ref. (12 digit, 6E,6N):	
Vent Details Diameter: Height above Ground(m):	
Date of commencement of emission:	

Characteristics of Emission:

CO	mg/m ³
Total organic carbon (TOC)	mg/m ³
NO _x	mg/Nm ³ 0°C. 3% O ₂ (Liquid or Gas), 6% O ₂ (Solid Fuel)
Maximum volume of emission	m ³ /hr
Temperature	°C(max) °C(min) °C(avg)

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

Periods of Emission (avg)	_____min/hr _____hr/day _____day/yr
---------------------------	---

TABLE E.1(ii) MAIN EMISSIONS TO ATMOSPHERE (1 Page for each emission point)

Emission Point Ref. N ^o :	
Source of Emission:	
Location :	
Grid Ref. (12 digit, 6E,6N):	
Vent Details Diameter:	
Height above Ground(m):	
Date of commencement:	

Characteristics of Emission :

(i) Volume to be emitted:			
Average/day	m ³ /d	Maximum/day	m ³ /d
Maximum rate/hour	m ³ /h	Min efflux velocity	m.sec ⁻¹
(ii) Other factors			
Temperature	°C(max)	°C(min)	°C(avg)
For Combustion Sources:			
Volume terms expressed as : <input type="checkbox"/> wet. <input type="checkbox"/> dry. _____%O ₂			

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

Periods of Emission (avg)	_____min/hr _____hr/day _____day/yr
---------------------------	-------------------------------------

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TABLE E.1(iii): MAIN EMISSIONS TO ATMOSPHERE - Chemical characteristics of the emission (1 table per emission point)

Emission Point Reference Number: _____

Parameter	Prior to treatment ⁽¹⁾				Brief description of treatment	As discharged ⁽¹⁾					
	mg/Nm ³		kg/h			mg/Nm ³		kg/h.		kg/year	
	Avg	Max	Avg	Max		Avg	Max	Avg	Max	Avg	Max

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1. Concentrations should be based on Normal conditions of temperature and pressure, (i.e. 0°C,101.3kPa). Wet/dry should be the same as given in Table E.1(ii) unless clearly stated otherwise.

TABLE E.1(iv): EMISSIONS TO ATMOSPHERE - Minor /Fugitive

Emission point Reference Numbers	Description	Emission details ¹				Abatement system employed
		material	mg/Nm ³⁽²⁾	kg/h.	kg/year	
1	Dust – Vehicle Movements					
2	Vehicle emissions					

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- 1 The maximum emission should be stated for each material emitted, the concentration should be based on the maximum 30 minute mean.
- 2 Concentrations should be based on Normal conditions of temperature and pressure, (i.e. 0°C/101.3kPa). Wet/dry should be clearly stated. Include reference oxygen conditions for combustion sources.



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TABLE E.2(i): EMISSIONS TO SURFACE WATERS
(One page for each emission)

Emission Point:

Emission Point Ref. N ^o :	SW1
Source of Emission:	Roofs & Paved Areas
Location :	At northern site boundary
Grid Ref. (10 digit, 5E,5N):	E314520 N231074
Name of receiving waters:	Unnamed tributary of the Cammock
Flow rate in receiving waters:	_____ m ³ .sec ⁻¹ Dry Weather Flow _____ m ³ .sec ⁻¹ 95%ile flow
Available waste assimilative capacity:	_____ kg/day

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Emission Details:

(i) Volume to be emitted



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Normal/day	m ³	Maximum/day	m ³
Maximum rate/hour	m ³		

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

Periods of Emission (avg)	_____ min/hr	_____ hr/day	_____ day/yr
---------------------------	--------------	--------------	--------------

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TABLE E.2(ii): EMISSIONS TO SURFACE WATERS - Characteristics of the emission (1 table per emission point)

Emission point reference number : _____

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

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TABLE E.3(i): EMISSIONS TO SEWER(One page for each emission)

SEE ATTACHMENT E 3

Emission Point:

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

Emission Details:

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

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

Periods of Emission (avg)	___min/hr ___hr/day ___day/yr
---------------------------	-------------------------------



WASTE Application Form

TABLE E.3(ii): EMISSIONS TO SEWER - Characteristics of the emission (1 table per emission point)

Emission point reference number : _____

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

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TABLE E.4(i): EMISSIONS TO GROUNDWATER (1 Page for each emission point)

Emission Point or Area:

Emission Point/Area Ref. N°:	NONE
Emission Pathway: (borehole, well, percolation area, soakaway, landspreading, etc.)	
Location :	
Grid Ref. (10 digit, 5E,5N):	
Elevation of discharge: (relative to Ordnance Datum)	
Aquifer classification for receiving groundwater body:	
Groundwater vulnerability assessment (including vulnerability rating):	
Identity and proximity of groundwater sources at risk (wells, springs, etc):	
Identity and proximity of surface water bodies at risk:	

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Emission Details:

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

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

Periods of Emission (avg)	_____ min/hr	_____ hr/day	_____ day/yr
---------------------------	--------------	--------------	--------------

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Table E.5(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		

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

TABLE F.1: ABATEMENT / TREATMENT CONTROL

SEE ATTACHMENT F

Emission point reference number : _____

Control ¹ parameter	Equipment ²	Equipment maintenance	Equipment calibration	Equipment back-up
Noise	Buildings			
Dust	Buildings			
Surface water sewer	Silt Trap			

Control ¹ parameter	Monitoring to be carried out ³	Monitoring equipment	Monitoring equipment calibration
Noise	Annually	To be Agreed	
Dust	Bi Annually	Bergerhoff Gauges	
Surface water sewer	Quarterly	Chemical analysis - Grab	

¹ List the operating parameters of the treatment / abatement system which control its function.

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

³ List the monitoring of the control parameter to be carried out.

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TABLE F.2 to F.8 : EMISSIONS MONITORING AND SAMPLING POINTS - (1 table per media)

Emission Point Reference No(s). : SW1

Parameter	Monitoring frequency	Accessibility of Sampling Points
Electrical Conductivity, pH, Hydrocarbons	Quarterly	

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TABLE Ff: Fugitive ENVIRONMENT MONITORING AND SAMPLING LOCATIONS (1 table per media)

Monitoring Point Reference No : AD1, AD2, AD3

Parameter	Monitoring frequency	Accessibility of Sampling point
TOTAL, ORGANIC, INORGANIC DUST	BI-ANNUAL (May – September)	

Monitoring Point Reference No : AN1, AN2, ANSL1,

Parameter	Monitoring frequency	Accessibility of Sampling point
30-minute L(A)eq and will be carried out in accordance with the ISO1996: Acoustics - Description and Measurement of Environmental Noise.	ANNUAL	

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Table G.1 Details of Process related Raw Materials, Intermediates, Products, etc., used or generated on the site

Ref. N° or Code	Material/ Substance ⁽¹⁾	CAS Number	Danger ⁽²⁾ Category	Amount Stored (tonnes)	Annual Usage (tonnes)	Nature of Use	R ⁽³⁾ - Phrase	S ⁽³⁾ - Phrase
	Diesel Oil				litres			
	Hydraulic Oil				litres			
	Disinfectant				80 litres			
	Engine Oil				400 litres			
	Water				6500m ³			

- Notes:
1. In cases where a material comprises a number of distinct and available dangerous substances, please give details for each component substance.
 2. c.f. Article 2(2) of SI N° 77/94
 3. c.f. Schedules 2 and 3 of SI N° 77/94

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TABLE H.1(i): WASTE - Hazardous Waste Recovery/Disposal

Waste material	EWC Code	Main source ¹	Quantity		On-site Recovery/Disposal (Method & Location)	Off-site Recovery, reuse or recycling (Method, Location & Undertaker)	Off-site Disposal (Method, Location & Undertaker)
			Tonnes / month	m ³ / month			

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¹ A reference should be made to the main activity / process for each waste.

TABLE H.1(ii) WASTE - Other Waste Recovery/Disposal

Waste material	EWC Code	Main source ¹	Quantity		On-site recovery/disposal ² (Method & Location)	Off-site Recovery, reuse or recycling (Method, Location & Undertaker)	Off-site Disposal (Method, Location & Undertaker)
			Tonnes / month	m ³ / month			

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- 1 A reference should be made to the main activity/ process for each waste.
- 2 The method of disposal or recovery should be clearly described and referenced to Attachment H.1



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Table I.2(i) SURFACE WATER QUALITY

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

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

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Surface Water Quality (Sheet 2 of 2)

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

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Table I.4(i) GROUNDWATER QUALITY

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

Parameter	Results (mg/l)				Sampling method (composite etc.)	Normal Analytical Range	Analysis method / technique
	Date	Date	Date	Date			
pH							
Temperature							
Electrical conductivity EC							
Ammoniacal nitrogen NH ₄ -N							
Dissolved oxygen DO							
Residue on evaporation (180°C)							
Calcium Ca							
Cadmium Cd							
Chromium Cr							
Chloride Cl							
Copper Cu							
Cyanide Cn, total							
Iron Fe							
Lead Pb							
Magnesium Mg							
Manganese Mn							
Mercury Hg							
Nickel Ni							
Potassium K							
Sodium Na							

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GROUNDWATER QUALITY (SHEET 2 OF 2)

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

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Table I.6(i) Ambient Noise Assessment -

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

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

NOTE: All locations should be identified on accompanying drawings.

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ATTACHMENT A

Non-Technical Summary

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WASTE LICENCE APPLICATION
NON-TECHNICAL SUMMARY
RECYCLING FACILITY AT
CAPPOGUE
FINGLAS
COUNTY DUBLIN

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Prepared For: -

Irish Packaging Recycling Ltd.,
Ballymount Road,
Walkinstown,
Dublin 12

Prepared By: -

O' Callaghan Moran & Associates,
Granary House,
Rutland Street,
Cork

February 2009

1 NON-TECHNICAL SUMMARY

Irish Packaging Recycling Ltd, trading as PANDA Waste Services Ltd (PANDA), is applying to the Environmental Protection Agency (Agency) for a Waste Licence for its facility at Ballymount Road, Walkinstown, Dublin 12.

The existing facility operates under a Waste Permit issued by South Dublin County Council (Ref WPR 021/2). The recently introduced Waste Management (Facility Permit and Registration) Regulations 2007, as amended introduced a processing threshold of 50,000 tonnes per year for waste recycling facilities. Facilities that accept more than that now require a Waste Licence.

This non-technical summary contains the information specified in Article 12 (1) (u) of the Waste Management (Licensing) Regulations, 2004 (S.I. No. 395 of 2004).

Compliance with Requirements of the Waste Management Act 1996 to 2007

Best Available Techniques (BAT) will be used to prevent/eliminate or, where this is not practicable, limit/abate/reduce emissions of environmental concern resulting from the recovery activities.

Nature of the Facility

The facility is a recycling activity that processes up to 150,000 tonnes per annum of household and commercial & industrial recyclable materials, which are sorted and bulked up for transfer to recycling facility. The recyclables include paper, cardboard, plastic, food and drinks cans, glass packaging and household electronic equipment. IPRL also operates a confidential document shredding business at the site. The facility does not accept waste for disposal.

Classes of Activity

The relevant activities as per the Fourth Schedule of the Waste Management Acts 1996 – 2007 are: -

Fourth Schedule – Waste Recovery Activities

Principal Activity:

- 2: 'Recycling or reclamation of organic substances, which are not used as solvents (including composting and other biological processes)'. (P)
- 3: 'Recycling or reclamation of metals and metal compounds'.
- 4: 'Recycling or reclamation of other inorganic materials'.
- 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'.

Quantity and Nature of the Waste to be Recovered or Disposed

A maximum of 150,000 tonnes per annum will be accepted and a breakdown of the waste types is given in Table 1.

Table 1 Waste Recovered

Waste Type	
Mixed Dry Recyclables	50,000*
Segregated Paper, Plastic and Cardboard	100,000*
Total	150,000

*Subject to Market Conditions. The individual quantities may change provided the overall limit is not exceeded.

Raw and Ancillary Materials, Substances, Preparations, Fuels & Energy used on the Site

Raw materials and energy used at the facility include: -

- Diesel fuel on-site plant and equipment;
- Hydraulic oil and engine oil for use in on-site equipment;
- Electricity;
- Water.

Plant, Methods, Processes, Abatement, Recovery, Treatment and Operating Procedures

The plant used on a regular basis includes: -

- Balers;
- Air Compressor;
- Mechanical Grabs;
- Shredder;
- Conveyor;
- Forklifts;
- Yardsweeper.

Waste Processing

These waste accepted include pre-segregated and mixed materials that are delivered in compactors, rear end loaders and curtain side trailers. The materials are weighted at the weighbridge, inspected to ensure that they are suitable and then off-loaded inside the Recycling Building. Here the wastes are inspected again and any unsuitable wastes are immediately removed to a designated internal waste quarantine area.

The pre segregated material are be moved to the baling units or loading bays where it is baled before being loaded onto curtain side trailers for removal off-site. The mixed waste is separated manually and mechanically into the different waste streams (paper, cardboard, plastic, glass, metal, WEEE) which are baled and then stored on-site, both internally and externally, pending removal off-site recovery facilities.

Information Related to Section 40(4) (a) to (d) of the Waste Management Act

Emissions from facility include noise, dust and storm water run-off. The emissions will not result in the contravention of any relevant standard or emission limit prescribed under enactment. The proposed development is consistent with the policies and objectives Dublin Region Waste Management Plan and is contributing to meeting the Plan's recycling targets.

The Facility Manager has completed the FAS Waste Management Training Programme. The site activities are based on best management practice and take into consideration the draft BAT Guidance Note for the Waste Sector: Waste Transfer Activities published by the Agency. The facility operations, when carried out in accordance with licence conditions, will not cause environmental pollution.

Energy is used efficiently. The necessary measures required to ensure limited consequences for the environment from accidents or the permanent cessation of activities at the site will be taken.

Source, Location, Nature, Composition, Quantity, Level and Rate of Emissions

Surface Water / Groundwater

A tributary of the Robinhood Stream flows along the northern site boundary, with a feeder open drain along the north-western boundary. Rainwater run-off from the site discharges to the stream on the northern boundary. The run-off is intermittent and weather dependant. There is no direct or indirect emission to groundwater.

Dust

It is not anticipated that dust will be a significant problem at the facility. All waste processing activities, which have the potential to generate dust (shredding), is carried out inside the Recycling Building. The facility access roads, vehicle manoeuvring and parking areas are paved and cleaned at regular intervals with an on-site yard sweeper.

Noise

The noise sources include waste transport vehicles, forklifts and the equipment used to sort and recover the waste which is housed inside the building.

Assessment of the Effects of Emissions on the Environment

Groundwater / Surface water

The provision of extensive paved areas provided with surface water collection drains, and secondary containment of the oil storage area minimises the potential for short term direct or indirect discharges to ground or groundwater, including dangerous substances, in the event of spill or leak.

Dust

A roadsweeper will be hired in on an as needed basis during dry weather to clean the access road and paved yards.

Noise

A noise survey has not been carried out to establish the noise levels, however there have been no complaints received about noise from the site.

Monitoring and Sampling Points

Dust

Dust will be monitored at three locations on the property boundary biannually. The measurements will be carried out using Bergerhoff gauges specified in the German Engineering Institute VDI 2119 document entitled "Measurement of Dustfall Using the Bergerhoff Instrument (Standard Method).

Noise

Noise will be monitored annually at the nearest noise sensitive locations and two boundary locations. The monitoring will be representative of daytime 30-minute L(A)eq and will be carried out in accordance with the ISO1996: Acoustics - Description and Measurement of Environmental Noise.

Surface Water

The surface water discharge will be monitored on a quarterly basis. The parameters will include electrical conductivity, pH and hydrocarbons. As the discharge will be intermittent and linked to rainfall events grab samples will be collected at the monitoring point.

Prevention and Recovery of Waste

IPRL operates a source separation system for office and canteen waste. Office paper and packaging waste is recovered on-site. Waste oils generated during plant and vehicle maintenance will be collected and sent off-site for recovery.

Off-site Treatment or Disposal of Solid or Liquid Wastes

Non-recallable office and canteen wastes are sent off site for disposal. Sanitary wastewater is discharged to the municipal sewer and treated in local authority waste water treatment plant. The facility does not generate any process waste water

Emergency Procedures to Prevent Unexpected Emissions

IPRL has prepared an Emergency Response Procedure for the facility that addresses all contingencies that might arise including fire, uncontrolled release of leachate and/or oil, facility closure failure and major injury. The procedure ensures a rapid response to any incident by trained staff and minimise the impact on the environment of any associated emissions.

Closure, Restoration and Aftercare of the Site

The entire site is either paved or occupied by buildings. It is not anticipated that the waste processing activities will cease in the medium to long term. In the unlikely event that the facility shuts down it will be closed and decommissioned in accordance with a Decommissioning Plan approved by the Agency. Post closure measures for the monitoring and maintenance of the building and the restored areas will be agreed with the Agency.

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ATTACHMENT B

General

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ATTACHMENT B.1

Applicants Details

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Attachment B.1 Applicants Details

Irish Packaging Recycling Ltd was incorporated on the 20th April 2007 (Company Reg. No.438417). A copy of the Certificate of Incorporation is included in this Attachment.

The Company Directors are: -

- Eamon Waters;
- Brian McCabe.

The Registered address of the company is:-

Rathdrinagh;
Beauparc;
Navan;
County Meath.

The License Area (in red ink) is shown on Drawing No.2 which is included in this Attachment. IPR leases the entire proposed licence area.

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5113558/1

Number 438417

DUPLICATE FOR THE FILE


Certificate of Incorporation

I hereby certify that

IRISH PACKAGING RECYCLING LIMITED

is this day incorporated under
the Companies Acts 1963 to 2006,
and that the company is limited.

Given under my hand at Dublin, this
Friday, the 20th day of April, 2007


for Registrar of Companies

Certificate handed to/posted to*:

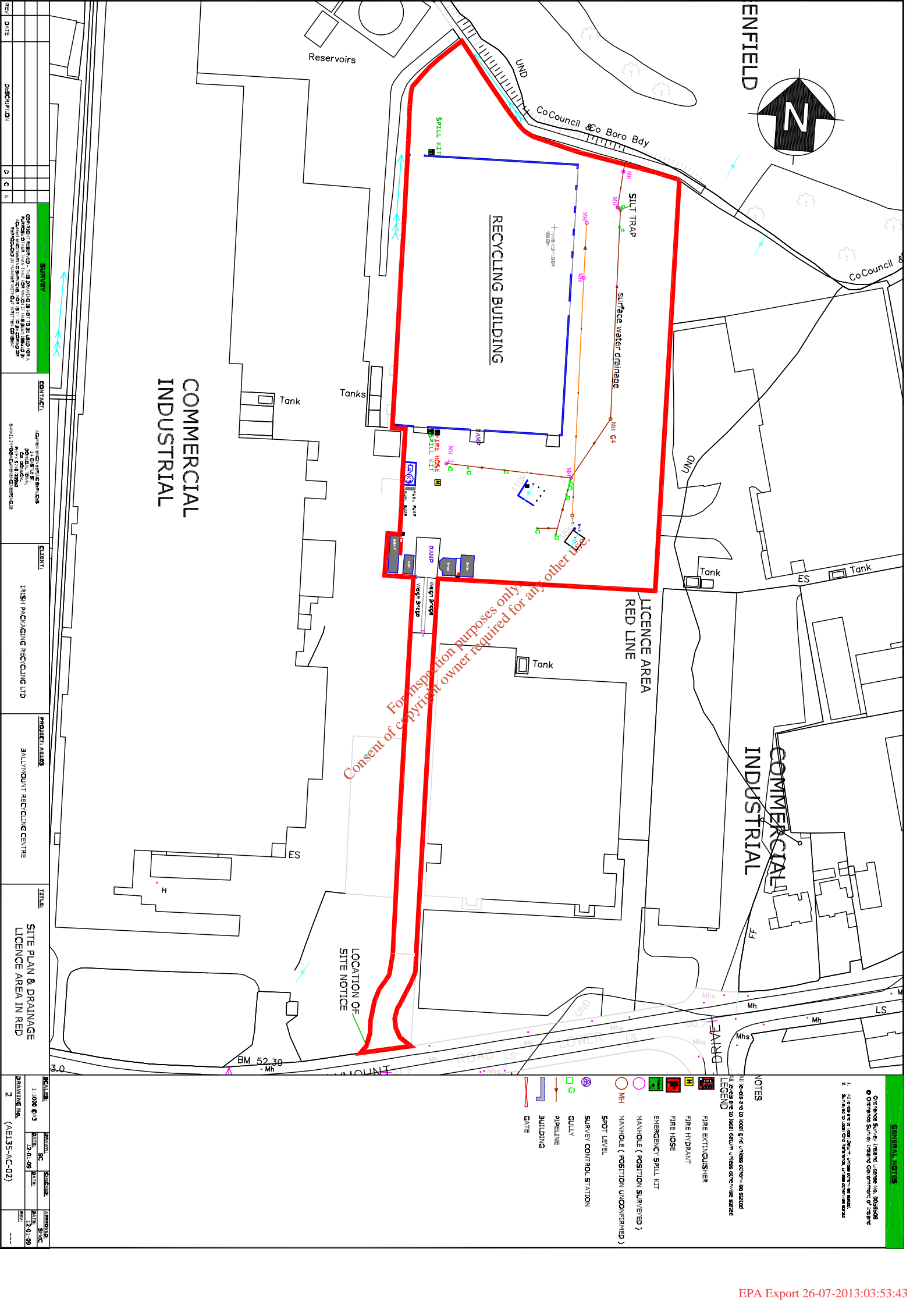
Express Company Formations Limited
9 St. Finian'S Terrace
Navan
Co Meath

Signed: _____

Date: 20/4

*Delete as appropriate

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COMMERCIAL INDUSTRIAL

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REV	DATE	DESCRIPTION	BY	CHKD
1	12.01.09	ISSUED FOR PERMITTING	DA	DA
2	12.01.09	ISSUED FOR PERMITTING	DA	DA
3	12.01.09	ISSUED FOR PERMITTING	DA	DA
4	12.01.09	ISSUED FOR PERMITTING	DA	DA
5	12.01.09	ISSUED FOR PERMITTING	DA	DA
6	12.01.09	ISSUED FOR PERMITTING	DA	DA
7	12.01.09	ISSUED FOR PERMITTING	DA	DA
8	12.01.09	ISSUED FOR PERMITTING	DA	DA
9	12.01.09	ISSUED FOR PERMITTING	DA	DA
10	12.01.09	ISSUED FOR PERMITTING	DA	DA
11	12.01.09	ISSUED FOR PERMITTING	DA	DA
12	12.01.09	ISSUED FOR PERMITTING	DA	DA
13	12.01.09	ISSUED FOR PERMITTING	DA	DA
14	12.01.09	ISSUED FOR PERMITTING	DA	DA
15	12.01.09	ISSUED FOR PERMITTING	DA	DA
16	12.01.09	ISSUED FOR PERMITTING	DA	DA
17	12.01.09	ISSUED FOR PERMITTING	DA	DA
18	12.01.09	ISSUED FOR PERMITTING	DA	DA
19	12.01.09	ISSUED FOR PERMITTING	DA	DA
20	12.01.09	ISSUED FOR PERMITTING	DA	DA
21	12.01.09	ISSUED FOR PERMITTING	DA	DA
22	12.01.09	ISSUED FOR PERMITTING	DA	DA
23	12.01.09	ISSUED FOR PERMITTING	DA	DA
24	12.01.09	ISSUED FOR PERMITTING	DA	DA
25	12.01.09	ISSUED FOR PERMITTING	DA	DA
26	12.01.09	ISSUED FOR PERMITTING	DA	DA
27	12.01.09	ISSUED FOR PERMITTING	DA	DA
28	12.01.09	ISSUED FOR PERMITTING	DA	DA
29	12.01.09	ISSUED FOR PERMITTING	DA	DA
30	12.01.09	ISSUED FOR PERMITTING	DA	DA
31	12.01.09	ISSUED FOR PERMITTING	DA	DA
32	12.01.09	ISSUED FOR PERMITTING	DA	DA
33	12.01.09	ISSUED FOR PERMITTING	DA	DA
34	12.01.09	ISSUED FOR PERMITTING	DA	DA
35	12.01.09	ISSUED FOR PERMITTING	DA	DA
36	12.01.09	ISSUED FOR PERMITTING	DA	DA
37	12.01.09	ISSUED FOR PERMITTING	DA	DA
38	12.01.09	ISSUED FOR PERMITTING	DA	DA
39	12.01.09	ISSUED FOR PERMITTING	DA	DA
40	12.01.09	ISSUED FOR PERMITTING	DA	DA
41	12.01.09	ISSUED FOR PERMITTING	DA	DA
42	12.01.09	ISSUED FOR PERMITTING	DA	DA
43	12.01.09	ISSUED FOR PERMITTING	DA	DA
44	12.01.09	ISSUED FOR PERMITTING	DA	DA
45	12.01.09	ISSUED FOR PERMITTING	DA	DA
46	12.01.09	ISSUED FOR PERMITTING	DA	DA
47	12.01.09	ISSUED FOR PERMITTING	DA	DA
48	12.01.09	ISSUED FOR PERMITTING	DA	DA
49	12.01.09	ISSUED FOR PERMITTING	DA	DA
50	12.01.09	ISSUED FOR PERMITTING	DA	DA
51	12.01.09	ISSUED FOR PERMITTING	DA	DA
52	12.01.09	ISSUED FOR PERMITTING	DA	DA
53	12.01.09	ISSUED FOR PERMITTING	DA	DA
54	12.01.09	ISSUED FOR PERMITTING	DA	DA
55	12.01.09	ISSUED FOR PERMITTING	DA	DA
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100	12.01.09	ISSUED FOR PERMITTING	DA	DA

SCALE	DATE	BY	CHKD
1:1000 @ 0.3	12.01.09	DA	DA
DRAWING NO. (AE135-AC-02)			

GENERAL NOTES

1. This drawing is for information only and does not constitute a contract.
2. All works are to be done in accordance with the specifications and standards of the relevant authorities.
3. The contractor is responsible for obtaining all necessary permits and consents.
4. The site owner is responsible for providing access to the site and for any necessary utility disconnections.
5. The contractor is responsible for the safety of all workers and the public.
6. The contractor is responsible for the protection of all existing structures and services.
7. The contractor is responsible for the disposal of all waste materials.
8. The contractor is responsible for the reinstatement of the site to its original condition.
9. The contractor is responsible for the completion of all works within the agreed programme.
10. The contractor is responsible for the provision of all necessary resources and equipment.
11. The contractor is responsible for the maintenance of all records and documentation.
12. The contractor is responsible for the communication of all progress and issues to the relevant authorities.
13. The contractor is responsible for the compliance with all applicable laws and regulations.
14. The contractor is responsible for the insurance of all works and materials.
15. The contractor is responsible for the payment of all bills and invoices.
16. The contractor is responsible for the completion of all works within the agreed budget.
17. The contractor is responsible for the provision of all necessary training and supervision.
18. The contractor is responsible for the maintenance of all safety equipment and procedures.
19. The contractor is responsible for the completion of all works within the agreed quality standards.
20. The contractor is responsible for the provision of all necessary resources and equipment.

LEGEND

- [Symbol] FIRE EXTINGUISHER
- [Symbol] FIRE HYDRANT
- [Symbol] FIRE HOSE
- [Symbol] EMERGENCY SPILL KIT
- [Symbol] MANHOLE (POSITION SURVEYED)
- [Symbol] MANHOLE (POSITION UNCOVERED)
- [Symbol] SPOT LEVEL
- [Symbol] SURVEY CONTROL STATION
- [Symbol] GULLY
- [Symbol] PIPELINE
- [Symbol] BUILDING
- [Symbol] GATE

NOTES

All works are to be done in accordance with the specifications and standards of the relevant authorities.

CONTACTS

Author: [Name]
 1st Checker: [Name]
 2nd Checker: [Name]
 3rd Checker: [Name]
 4th Checker: [Name]
 5th Checker: [Name]

CLIENT

IRISH PACKAGING RECYCLING LTD

PROJECT AREA

BALLYMOUNT RECYCLING CENTRE

TITLE

SITE PLAN & DRAINAGE LICENCE AREA IN RED

REVISIONS

NO.	DATE	DESCRIPTION
1	12.01.09	ISSUED FOR PERMITTING
2	12.01.09	ISSUED FOR PERMITTING

APPROVALS

Author: [Signature]
 1st Checker: [Signature]
 2nd Checker: [Signature]
 3rd Checker: [Signature]
 4th Checker: [Signature]
 5th Checker: [Signature]

ATTACHMENT B.2

Location of Facility

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Attachment B.2 Location of Facility

The facility is located at Ballymount Road, Walkinstown, Dublin 12, as shown on Figure 3.1 Drawing 1 of the Project Description Document (PD) that accompanies the application. The National Grid Reference is E310405, N231096. The boundary of the application area is marked in red on Drawing No. 2 in the Project Description.

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Attachment B.2 Location of Facility

The facility is located at Ballymount Road, Walkinstown, Dublin 12, as shown on Figure 3.1 Drawing 1 of the Project Description Document (PD) that accompanies the application. The National Grid Reference is E310405, N231096. The boundary of the application area is marked in red on Drawing No. 2 in the Project Description.

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ATTACHMENT B.3

Planning Authority

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Attachment B.3 Planning Authority

It is understood that the facility was constructed before 1963 and has been used as a waste recovery activity since 1984. A copy of the Waste Permit (Ref No WPR 021/2) for the site issued by South Dublin County Council is also included in this Attachment

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SOUTH DUBLIN COUNTY COUNCIL



ENVIRONMENTAL SERVICES DEPARTMENT

**Waste Management Act, 1996 to 2007
Waste Management (Permit) Regulations, 1998**

WASTE PERMIT

Waste Permit Register Number: WPR 021/2

Applicant: Irish Packaging Recycling Ltd.
T/A Panda Waste Services Ltd.

Address: Rathdrinagh
Beauparc
Navan
Co. Meath

Location of Facility: Ballymount Road
Walkinstown
Dublin 12

Activity: Sorting, Separating, Baling, Storage,
Shipping of Recovered Paper,
Plastic and Wood Packaging.

Valid: 1st September 2007 to 31st
August 2010

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ACTIVITIES PERMITTED

In pursuance of the powers conferred on it by the Waste Management Acts, 1996 to 2007 and the Waste Management (Permit) Regulations, 1998, South Dublin County Council grants this waste permit under Article 5 of the said Regulations to Irish Packaging Recycling Ltd., T/A Panda Waste Services Ltd., to carry on the waste activities listed below at Lower Ballymount Road, Walkinstown, Dublin 12. The permit is issued subject to conditions, with the reasons therefore set out in the permit.

Permitted Waste Recovery Activity, in accordance with the First Schedule of the Waste Management (Permit) Regulations, 1998:

Activity 5: *The recovery of waste (other than hazardous waste) at a facility (other than a facility for the composting of waste where the amount of compost and waste held at the facility exceeds 1000 cubic meters at any time)*

Permitted Waste Activities, in accordance with the Fourth Schedule of the Waste Management Act, 1996 to 2007

Activity 4: *Recycling or reclamation of other inorganic materials.*

Activity 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.*

NOTE:

GRANTING OF THIS PERMIT, AND ANY CONDITION IMPOSED BY IT, DOES NOT EXEMPT THE HOLDER OF THE PERMIT FROM COMPLYING WITH THE STATUTORY OBLIGATIONS OF ANY RELEVANT LEGISLATION, INCLUDING WATER POLLUTION, AIR POLLUTION, NOISE EMISSIONS, WASTE, LITTER, PLANNING, AND OCCUPATIONAL HEALTH LEGISLATION.

CONDITION 1: SCOPE

- 1.1 This waste permit is issued under the Waste Management (Permit) Regulations, 1998, to Irish Packaging Recycling Ltd., T/A Panda Waste Services Ltd in respect for a waste management permit for **Sorting, Separation, baling, Storage, Shipping of Recovered Paper, Plastic and Wood Packaging** and will be non-transferrable. The permit holder shall be responsible for the operation of the waste facility in strict accordance with the permit conditions.
- 1.2 This waste permit is/shall be valid for three years from **01st September 2007 to 31st August 2010** save when South Dublin County Council at its sole discretion revokes the permit. South Dublin County Council may, at any time, review the permit at its discretion.
- 1.3 The waste activities shall be confined to the area outlined in the site plan submitted with the permit application on 8th June 2007 and shall take place only as specified in the application, as modified and/or controlled by the terms of this permit.
- 1.4 The permit holder shall give notice in writing to South Dublin County Council Environmental Services Department of any significant changes in the information furnished in the application for the permit. Such notice shall be given within three (3) weeks of any such change arising. On receipt of this information, South Dublin County Council may require a new waste permit application to be submitted.
- 1.5 The permit holder shall comply fully with the requirements of the Waste Management Acts 1996 to 2007, Local Government (Planning and Development) Acts, the Water Pollution Acts and the Litter Pollution Act, and all relevant regulations.
- 1.6 The permit holder shall comply at all times with the different provisions of the Community Acts detailed in the Third Schedule of the Waste Management (Permit) Regulations, 1998.
- 1.7 The Permit holder shall comply at all times with the 'Waste Management Plan for the Dublin Region 2005-2010' and all amendments to it.
- 1.8 Any condition imposed in this permit shall not relieve the permit holder of his/her statutory obligations under any other enactment whatsoever.
- 1.9 In the event of any breach of the conditions of the permit, the permit holder shall on receipt of notice from South Dublin County Council, cease operations on the site within the time specified on the notice and the permit shall be suspended from the date specified on the notice until such suspension is lifted on rectification of the breach of conditions in the notice. This condition shall apply save when condition no.1.2 is invoked. Notice under this condition shall be sent by registered post to the permit holder at its registered office and shall be deemed to be received three days after posting.

When the notice has been complied with, the permit holder shall provide written confirmation to the local authority that the requirements of the notice have been carried out. No waste, other than that stipulated in the notice shall be accepted at the facility until written confirmation is received from the Council that the notice is withdrawn.

1.10 Commencement Notice.

The permit holder shall give SDCC a minimum of 14 days notice of commencement of permitted operations on site/facility.

REASON: *To clarify the scope of this waste permit.*

CONDITION 2: MANAGEMENT OF THE ACTIVITY

- 2.1 The permit holder shall acquaint all staff, employees, lessees and agents, including replacement personnel, of the provisions and conditions of this permit.
- 2.2 A copy of this Permit shall be held at all times at the facility.
- 2.3 The Site shall be adequately manned and supervised at all times. It shall be maintained to the satisfaction of South Dublin County Council and adequate precautions shall be taken to prevent unauthorised access to the site.
- 2.4 The Permit Holder is to notify the following to South Dublin County Council in writing within one month of receipt of permit:
- (a) The name of the person on site nominated by them who has responsibility for the implementation of the Waste Regulations and the name of his/her deputy.
 - (b) The name, address and telephone number of the person nominated by them to provide 24 hour call out in the event of an emergency.
 - (c) Confirmation of acceptance of all the conditions attached to the permit.
- 2.5 The hours of operation of the facility shall be between the hours of **06-00 and 03-00hrs, Monday to Sunday, 7 days per week**. No waste shall be accepted outside these hours unless otherwise agreed with South Dublin County Council.

REASON: *To make provision for the proper management of the activity.*

CONDITION 3: NOTIFICATION AND RECORD KEEPING

- 3.1 All communications with South Dublin County Council shall be addressed to the **Senior Engineer, Waste Management Section, Environmental Services Department, South Dublin County Council, County Hall, Town Centre, Tallaght, Dublin 24. Phone 01 414 9000, Fax 01 4149334**
- 3.2 Records shall be kept on site in a site register and shall include the following information:
- (a) Name of the carrier.
 - (b) Description and origin of the material in each load.
 - (c) The dates and times of all waste deliveries to the site and vehicle registration numbers.
 - (d) The quantity of the materials.
 - (e) Where loads are removed or rejected, details of the material and the place to which they were removed.

- 3.3 The permit holder shall immediately notify South Dublin Council by telephone/fax of any incident that occurs as a result of the activity on the site, and which: -
- (a) has the potential for environmental contamination of surface water or ground water, or
 - (b) poses an environmental threat to air or land, or
 - (c) requires an emergency response by the Council.

Full details shall be forwarded in writing on the next working day. The permit holder shall include as part of the notification: -

- the date and time of the incident
- details of the incident and circumstances giving rise to it
- an evaluation of environmental pollution caused, if any
- actions taken to minimise the effect on the environment
- steps taken to avoid reoccurrence
- any other remedial action taken.

The permit holder shall make a record of any such incident in a register to be maintained on the site.

- 3.4 The Permit Holder shall maintain on the site a register of all complaints received relating to the operation of the activity. Each such record should give details of the following: -

- time and date of the complaint
- the name of the complainant
- details of the nature of the complaint
- actions taken to deal with the complaint and the results of such actions
- the response made to each complainant

- 3.5 The permit holder shall make all records maintained on the site available for examination to South Dublin County Council staff at all reasonable times, and shall provide any relevant information when so requested by an authorised officer of South Dublin County Council.

- 3.6 The permit holder shall notify South Dublin County Council, within 7 days thereafter, of the imposition of any Court order made under Section 57 or 58 of the Waste Management Act 1996 to 2007, and also of any conviction for an offence under Section 34(5) or 40(7) of the Waste Management Act.

- 3.7 Where waste permits are issued for a period longer than 12 months, the permit holder shall submit to South Dublin County Council an **Annual Environmental Report (AER)** for the preceding calendar year by no later than the **28th February** of each year. For permits issued for 12 months or less, the permit holder shall submit the Environmental Report within one month of waste activities ceasing on the site.

The report shall include the information contained in the registers described above and details of any impositions or convictions imposed under the Waste Management Act, together with details of: -

- (a) the management and staffing structure of the facility
- (b) quantity, composition and destination of all wastes handled at the facility during the year
- (c) details of any loads rejected at the facility during the year
- (d) reportable incidents
- (e) details of all complaints
- (f) In addition, the permit holder shall include in the report, a written summary of compliance with all of the conditions attached to this permit.

REASON: *To provide for the notification of incidents, to update information on the activity and to provide for the keeping of proper records.*

CONDITION 4: SITE INFRASTRUCTURE

- 4.1 The Permit Holder shall provide and maintain a **substantial site notice board** at the entrance to the facility. The Board shall clearly show:
- The name and telephone number of the facility.
 - The waste management permit number and date of grant of the permit.
 - The normal opening hours of the facility.
 - The name, address and telephone number of the permit holder.
- 4.2 The site, site entrance and access roads shall be maintained to the satisfaction of South Dublin County Council. Roadways shall be maintained to ensure the safe movement of vehicles within the facility. No traffic queuing shall be allowed on the public road. No new roadways shall be constructed using demolition and construction waste without the prior approval of South Dublin County Council.
- 4.3 Adequate precautions shall be taken to prevent unauthorised access to the site.

REASON: *To provide for the protection of the environment.*

CONDITION 5: WASTE ACCEPTANCE AND HANDLING

- 5.1 Only the following materials of a solid, non-hazardous domestic nature with the appropriate European Waste Catalogue (EWC) Codes shall be accepted and processed at the site:
- 20 01 01 paper and cardboard
 - 04 02 22 Textiles
 - 16 01 03 End of Life Tyres
 - 20 01 39 plastics
 - 20 01 38 wood other than that mentioned in 20 01 37 (wood containing dangerous substances)
 - 19 12 12 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11 (see Note 1)

Note 1: Only Dry Recyclable material shall be acceptable under 19 12 12

No other waste types are permitted at the facility. The permit holder shall ensure that adequate steps are taken to prevent acceptance of any other waste types.

- 5.2 Materials other than those permitted shall be removed immediately from the site. Such waste shall be disposed of (or recovered) at an alternative facility with an appropriate waste permit or waste license.
- 5.3 The permit holder shall ensure that appropriate storage is provided for the materials on site.

- 5.4 The Permit Holder shall ensure that all contractors and vehicles delivering to the site or transporting waste from the site currently hold a valid **Waste Collection Permit** from the relevant Local Authority in accordance with the Waste Management (Collection Permit) Regulations, or has applied and is legally entitled to collect and transport waste material.

REASON: *To provide for the acceptance and management of wastes authorised under this waste permit.*

CONDITION 6: NUISANCES, EMISSIONS AND ENVIRONMENTAL IMPACTS

- 6.1 The permit holder shall take adequate precautions to prevent undue noise, fumes, dust, grit, untidiness and other nuisances on the site, which would result in a significant impairment of, or a significant interference with, amenities or the environment beyond the site boundary. If unacceptable levels occur, the permit holder shall abide by the Council's abatement requirements, which may include immediate cessation of operations.
- 6.2 All vehicles transporting loose waste to and from the premises shall be **either totally sealed or covered with a net or tarpaulin in such a manner as to preclude the scatter of materials in transit to and from the site.** The permit holder shall be responsible for the clearance of any material deposited on roadways in transit to the site. Failure to maintain roadways in a satisfactory condition will result in this permit being revoked and possible prosecution.
- 6.3 Loose waste, which may be lying on the site or access road to the site, shall be gathered and disposed of immediately or as directed by the Council. **Preventative measures must be in place to minimise the incidents of waste materials from your premises entering adjacent premises.** Details of these preventative measures must be forwarded to our offices within 14 days on receipt of this permit.
- 6.4 Dust suppression equipment must be available at all times in the event of excess dust emissions arising from the operations. The permit holder must comply with all Occupational and Health & Safety Legislation requirements with regard to the employees' health and safety requirements.
- 6.5 The permit holder shall take adequate steps to minimise noise from the development and shall have regard to noise sensitive locations. In addition there shall be no clearly audible tonal component or impulsive component in the noise emissions from the site at any noise sensitive locations. Daily ambient/environmental noise levels should not exceed 55dBA (Leq 5mins) with night time noise levels not exceeding 45dBA (Leq 5mins) at noise sensitive locations.
- 6.6 If, in the opinion of the Roads Maintenance Area Engineer, damage is being caused to public roads being used to haul material to the site by the Permit Holder, he shall be empowered to verbally instruct the Permit Holder to cease using these haul roads and use alternative route(s) until the damage has been repaired to the satisfaction of the Council. The Permit Holder shall comply with any such instruction.
- 6.7 The permit holder shall maintain sufficient and continuous vermin control at the site.
- 6.8 No vehicle queuing or parking of vehicles must occur at the entrance or exit to the facility. If in the opinion of South Dublin County Council, vehicles are causing a

potential hazard to road users in the area or a hazard to users of adjacent facilities, the Permit may be suspended or possibly revoked.

REASON: *To provide for the control of nuisances, emissions and other environmental impacts.*

CONDITION 7: ENVIRONMENTAL MONITORING

- 7.1 **Authorized staff of South Dublin County Council shall have unrestricted access to the premises at all reasonable times on production of identification**, if required, for the purpose of their functions under the Waste Management Acts 1996 to 2007, including such inspections, monitoring and investigations as are deemed necessary by the Council.

REASON: *To ensure compliance with the requirements of the conditions of this permit.*

CONDITION 8: CONTINGENCY ARRANGEMENTS

- 8.1 Adequate fire extinguishers and emergency response equipment shall be maintained on site.
- 8.2 The permit holder shall ensure that an **Emergency Response Procedure (ERP)** is in place, which shall address any emergency situation that may originate on site. This procedure shall include provision for minimizing the effects of any emergency on the environment. The ERP is to be submitted to South Dublin County within six months of the date of issue of this permit.

REASON: *To provide for an emergency situation at the facility.*

CONDITION 9: CHARGES AND FINANCIAL PROVISIONS

- 9.1 The Permit Holder shall indemnify South Dublin County Council in respect of all claims, losses, damages arising out of injury to any person or loss of or damage to any property whatsoever caused by or in connection with the operation and management of the facility.
- 9.2 The Permit Holder shall pay to South Dublin County Council a fee of **€12,000**, towards the cost of inspecting, monitoring or otherwise performing any functions in relation to the permit activity. **€4,000** to be paid within 14 days of the date of commencement, referred to in condition 1.9, failure to pay the fee on time will render the permit invalid, **€4,000** to be paid on the each anniversary of the date of the initial payment. Should this permit be suspended or revoked for any reason, the fee is non-refundable.

The fee is due 14 days after the notice of commencement of permitted operations, referred to in condition 1.9. Failure to pay the fee on time will render the permit invalid.

- 9.3 In the event of an incident occurring at the site which leads to the emission or release of hazardous materials or of waste which contains any of the properties outlined in Part III

of the Second Schedule of the Waste Management Act, 1996 to 2007 and which has a detrimental effect on the surrounding environment, or which is deemed to be so by authorised officers from South Dublin County Council, pollution abatement and remediation measures must be taken. South Dublin County Council may take these measures and their costs reimbursed by the permit holder. Analysis and monitoring included in these measures if required must continue for not less than 10 years after the final remediation works have been carried out.

<p>REASON: <i>To provide for adequate financing for monitoring and financial provisions for measures to protect the environment.</i></p>

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ATTACHMENT B.4

Sanitary Authority

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Attachment B.4 Sanitary Authority

The sanitary authority is South Dublin County Council. Sanitary waste water discharges to the municipal sewer. The activity does not generate any process wastewater. Water is obtained from the municipal water supply.

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ATTACHMENT B.5

Other Authorities

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Attachment B.5 Other Authorities

The proposed activity is not within the Shannon Free Airport Development Company area. The activity is located within the Eastern Health Board area, Eastern Health Shared Services, Dr. Steevens' Hospital, Dublin 8.

Ph: - 01-6790700

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ATTACHMENT B.6

Notices & Advertisements

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Attachment B.6 Notices and Advertisements

Drawing No. 2 shows the Location of the Site Notice, the text of which is included in this Attachment. A copy of the newspaper advertising the application for the Waste Licence is included in this Attachment. A copy of the letter informing South Dublin County Council of IPRL's intention to apply for a Waste Licence is also included in this Attachment.

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SITE NOTICE

APPLICATION TO THE ENVIRONMENTAL PROTECTION AGENCY FOR

A WASTE LICENCE

Irish Recycling Packaging Ltd is applying to the Environmental Protection Agency (Agency) for a Waste Licence to operate its recycling facility at Ballymount Road, Walkinstown Dublin 12 which is located at National Grid References: E310405 N231096,. The activity involves the acceptance of 150,000 tonnes per annum of recyclable household, commercial and industrial wastes.

The relevant waste recovery activities, as per the Fourth Schedule of the Waste Management Acts 1996 to 2007, and the Waste Management (Licensing) Regulations 2004, (S.I. No. 395 of 2004) to which this application relates are: -

Fourth Schedule – Waste Recovery Activities

Principal Activity:

- 2: ‘Recycling or reclamation of organic substances, which are not used as solvents (including composting and other biological processes)’ (D)
- 3: ‘Recycling or reclamation of metals and metal compounds’.
- 4: ‘Recycling or reclamation of other inorganic materials’.
- 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’.

A copy of this application for a Waste Licence and such further information relating to the application, as may be furnished to the Agency in the course of the Agency’s consideration of the application will, as soon as is practicable after receipt by the Agency, be available for inspection or purchase, at the headquarters of the Agency at P.O. Box 3000, Johnstown Castle, Co. Wexford.

Date: _____ Signed: _____

**APPLICATION TO THE ENVIRONMENTAL
PROTECTION AGENCY FOR
A WASTE LICENCE**

Irish Packaging Recycling Ltd is applying to the Environmental Protection Agency (Agency) for a Waste Licence to operate its existing Recycling Facility at Ballymount Road, Walkinstown, Dublin 12, which is located at National Grid References: E310405 N231096,. The activity involves the acceptance of 150,000 tonnes per annum of recyclable household, commercial and industrial wastes.

The relevant waste recovery activities, as per the Fourth Schedules of the Waste Management Acts 1996 to 2007, and the Waste Management (Licensing) Regulations 2004, (S.I. No. 395 of 2004) to which this application relates are: -

Fourth Schedule – Waste Recovery Activities

Principal Activity:

- 2: 'Recycling or reclamation of organic substances, which are not used as solvents (including composting and other biological processes)'. (P)
- 3: 'Recycling or reclamation of metals and metal compounds'.
- 4: 'Recycling or reclamation of other inorganic materials'.
- 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'.

A copy of this application for a waste licence and such further information relating to the application, as may be furnished to the Agency in the course of the Agency's consideration of the application will, as soon as is practicable after receipt by the Agency, be available for inspection or purchase, at the headquarters of the Agency at P.O. Box 3000, Johnstown Castle, Co. Wexford.

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Consent of copyright owner required for any other use.

Planning Department,
South Dublin County Council,
County Hall,
Tallaght,
Dublin 24

12th February 2009

RE: Application for a Waste Licence –Irish Packaging Recycling Ltd

Dear Sir / Madam,

We wish to notify you, on behalf of our client Irish Packaging Recycling Ltd, of the intention to make an application to the Environmental Protection Agency for a Waste Licence in respect of its Waste Recycling Facility at Ballymount Road, Walkinstown Dublin 12, which is located at National Grid References: E310405, N231096.

The relevant waste disposal and waste recovery activities, as per the Fourth Schedule of the Waste Management Acts 1996 to 2007, and the Waste Management (Licensing) Regulations 2004, (S.I. No. 395 of 2004) to which this application relates are: -

Fourth Schedule – Waste Recovery Activities

Principal Activity:

- 2: ‘Recycling or reclamation of organic substances, which are not used as solvents (including composting and other biological processes)’. (P)
- 3: ‘Recycling or reclamation of metals and metal compounds’.
- 4: ‘Recycling or reclamation of other inorganic materials’.
- 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’.

A copy of this application for a waste licence and such further information relating to the application, as may be furnished to the Agency in the course of the Agency’s consideration of the application will, as soon as is practicable after receipt by the Agency, be available for inspection or purchase, at the headquarters of the Agency at P.O. Box 3000, Johnstown Castle, Co. Wexford.

Yours sincerely,

Jim O'Callaghan

0913802/JOC/JC
c.c. Mr. David Naughton, Panda.

ATTACHMENT B.7

Type of Activity

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Attachment B.7 Type of Activity

The relevant activities as per the Fourth Schedule of the Waste Management Acts 1996 – 2007 is follows: -

Fourth Schedule – Waste Recovery Activities

Principal Activity:

- 2: ‘Recycling or reclamation of organic substances, which are not used as solvents (including composting and other biological processes)’. (P)

Source segregated and mixed plastics, paper and cardboard are recovered and be consigned to off-site recycling facilities. This is the principal activity at the site.

- 3: ‘Recycling or reclamation of metals and metal compounds’.

Metals (ferrous and non-ferrous) that form part of the mixed household and commercial and industrial recyclables are recovered and consigned to off-site recycling facilities.

- 4: ‘Recycling or reclamation of other inorganic materials’.

Waste electronic and electrical equipment and glass that form part of the mixed household and commercial and industrial recyclables are recovered and consigned to off-site recycling facilities.

- 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’.

Recovered materials are stored prior to consignment to off-site recycling and recovery facilities.

Table B7 Total Waste Inputs

Waste Type	
Mixed Dry Recyclables	50,000*
Segregated Paper, Plastic and Cardboard	100,000*
Total	150,000

*Subject to Market Conditions. The individual quantities may change provided the overall limit is not exceeded.

The EWC codes and description for the materials accepted are:-

Code Description

15 01 packaging (including separately collected municipal packaging waste)

- 15 01 01 paper and cardboard packaging
- 15 01 02 plastic packaging
- 15 01 03 wooden packaging
- 15 01 04 metallic packaging
- 15 01 05 composite packaging
- 15 01 06 mixed packaging
- 15 01 07 glass packaging

19 12 wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified

- 19 12 01 Paper and cardboard
- 19 12 05 Glass
- 19 12 12 Other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11*

20 01 separately collected fractions (except 15 01)

- 20 01 01 Paper and cardboard
- 20 01 02 Glass
- 20 01 36 Discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35
- 20 01 39 Plastics
- 20 01 40 Metals

20 03 other municipal wastes

20 03 01 Mixed municipal wastes (Dry recyclables only)

Fee:

4. The recovery of waste. €10,000

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ATTACHMENT B.8

Seveso II Directive

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Attachment B.8 Seveso II Directive

The EC (Control of Major Accident Hazards involving Dangerous Substances) Regs 2000 (SI No. 476 of 2000) does not apply to this facility.

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ATTACHMENT C

Management of the Facility

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ATTACHMENT C.1

Technical Competence & Site Management

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Attachment C.1 Technical Competence and Site Management

Currently there are twenty-six (26) people employed at the facility. These include a Facility Manager, weighbridge clerk, machine operators and general operatives. Staff numbers may vary depending on market conditions. The Facility Manager has seventeen years experience in the operation of waste management facilities.

IPR will ensure that the site management and staff are provided with the appropriate training to ensure that the facility is managed in accordance with the Waste Licence conditions and in a manner that does not result in environmental pollution.

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ATTACHMENT C.2

Environmental Management System (EMS)

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Attachment C.2 Environmental Management System (EMS)

IPR already has in place a number of components of an EMS at the facility, which include:-

- Strategic preparation and implementation of operating procedures, including emergency response and corrective action procedures;
- Utilising BAT techniques;
- Actively promoting awareness amongst both staff and clients through appropriate training and communication programmes;
- Operating an effective programme for public information.

IPRL will develop and implement a documented Environmental Management System (EMS) for the facility once it is licensed. The EMS will, as a minimum, include the following documents: -

- Management Structure;
- Communications Programme;
- Corrective Action Procedures;
- Environmental Management Programme;
- Schedule of Targets and Objectives;
- Awareness and Training Procedures;
- Document Control Procedures.

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ATTACHMENT C.3

Hours of Operation

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Attachment C.3 Hours of Operation

The current permit allows the facility operates from 06.00 to 03.00 Monday to Sunday. However, due to the nature of the recycling business it may on occasion be necessary to operate on a 24 hour basis.

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ATTACHMENT C.4

Conditioning Plan

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Attachment C.4 Conditioning Plan

A Conditioning Plan is not required.

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ATTACHMENT D

Infrastructure & Operation

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ATTACHMENT D.1

Infrastructure

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Attachment D.1 Infrastructure

D.1. Infrastructure

a. Site Security Arrangements

Section 4.8 of the Project Description Document, which accompanies the application describes the security arrangements.

b. Design For Site Roads

The facility is entirely paved.

c. Hardstanding Areas

Section 4.4 of the Project Description that accompanies this application describes the hardstanding areas.

d. Weighbridge

A double weighbridge is located in the south of the site near the site entrance. All vehicles enter and exit the facility via the weighbridge.

e. Wheel Cleaning

Vehicles delivering waste will have travelled significant distances on paved roads and will not require wheeling cleaning on entry to the facility. The entire area where vehicles will manoeuvre and park will be paved. Vehicles removing waste from the site will not track across waste. A wheel cleaning facility is therefore not required.

f. Laboratory Facilities

Laboratory facilities are not required.

g. Fuel Storage

Oil and fuel storage arrangements are described in Section 4.7 of the Project Description Document.

h. Waste Quarantine Areas

Section 4.5 of the Project Description Document describes the waste quarantine arrangements.

i. Waste Inspection

Section 5.5 of the Project Description Document describes the waste inspection procedures.

j. Traffic Control

Section 4.3 of the Project Description Document describes the site access arrangements.

k. All Services

Section 4.2 of the Project Description Document describes the site services.

l. Sewerage and Surface Water Infrastructure

Sections 4.2, 5.9 and 5.10 of the Project Description Document describe the sewage and surface water arrangements.

m. Plant Sheds, Garages and Equipment Compound

Section 4.4 of the Project Description Document describes the building layout. All plant and equipment are stored inside the Recycling Building.

n. Site Accommodation

Section 4.4 of the Project Description Document describes the site accommodation.

o. Fire Control System

Section 4.2 of the Project Description Document describes the fire control system.

p. Civic Amenities

It is not proposed to provide any civic amenity area.

q. Details of Composting Infrastructure

Not applicable.

r. Description of Incineration infrastructure (if applicable)

Not applicable.

s. Details of any other infrastructure proposed

It is not intended to provide any additional permanent infrastructure.

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ATTACHMENT D.2

Facility Operation

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Attachment D.2 Facility Operation

Operational History

The facility is located in an area that was developed for industrial/commercial use from the 1960's onwards. The original operators, Smurfit Kappa Recycling Ireland, began paper recovery operations at the facility in 1984. PANDA acquired the business in 2007 and SDCC issued the current Permit in September 2007.

Proposed Operations

Section 5 of the Project Description Document, which accompanies the application, describes the facility operations.

Process Control

A process flow diagram of the waste operations is included with this Attachment.

Emissions

The potential emissions associated with facility operations include, surface water, noise, and dust. Further information on emissions is presented in Section 6 of the Project Description Document.

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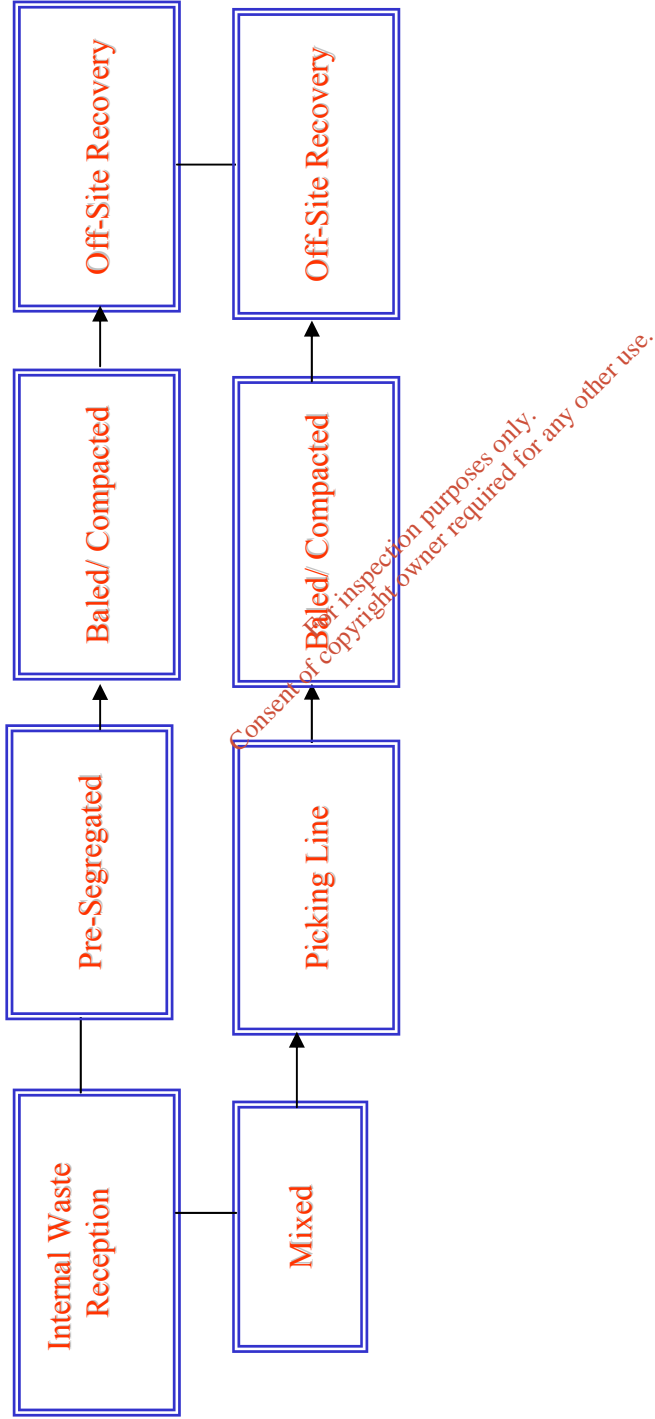


Figure D.2.1 Dry Recyclables Waste

ATTACHMENT E

Emissions

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ATTACHMENT E.1

Emissions to Atmosphere

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Attachment E.1 Emissions to Atmosphere

The potential emissions to the atmosphere from the facility include dust and vehicle exhausts emissions.

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ATTACHMENT E.2

Emissions to Surface Water

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Attachment E.2 Emissions to Surface Water

The emissions to the surface water drainage system are described in Section 5.9 and 6.1 of the Project Description that accompanies this application.

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ATTACHMENT E.3

Emissions to Sewers

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Attachment E.3 Emissions to Sewers

Section 5.10 of the Project Description Document, which accompanies the application, describes the emission to sewers.

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ATTACHMENT E.4

Emissions to Groundwater

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Attachment E.4 Emissions to Groundwater

There are no direct or indirect emissions to groundwater.

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ATTACHMENT E.5

Noise Emissions

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Attachment E.5 Noise Emissions

The potential sources of noise emissions are described in Section 6.3 of the Project Description that accompanies this application.

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ATTACHMENT E.6

Environmental Nuisances

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Attachment E.6 Environmental Nuisances

Potential environmental nuisances are described in Sections 4.2, 4.3 5.11 and 6.4 of the Project Description that accompanies this application.

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ATTACHMENT F

Control & Monitoring

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ATTACHMENT F.1

Treatment, Abatement and Control Systems

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Attachment F.1 Emissions and Abatement

There will be no emissions to groundwater from the facility and no process waste water discharges. The emissions to surface water and the control measures are described in Section 6.1 of the Project Description, which accompanies the application. The emissions to air and the control measures are described in Sections 6.3 and 6.4 of the Project Description.

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ATTACHMENT F.2

Monitoring & Sampling Points

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Attachment F.2 Air Monitoring & Sampling Points

The proposed dust monitoring is described in Sections 7.1.1 of the accompanying Project Description.

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ATTACHMENT F.3

Surface Water

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Attachment F.3 Surface Water Monitoring

The proposed surface water monitoring programme is described in Section 7.1.3 of the Project Description that accompanies the application.

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ATTACHMENT F.4

Sewer Discharge

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Attachment F.4 Sewer Discharge

The only discharge to sewer is sanitary wastewater. It is not proposed to carry out routine wastewater quality monitoring.

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ATTACHMENT F.5

Groundwater Monitoring

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Attachment F.5 Groundwater Monitoring

As there are no direct or indirect emissions to groundwater from the facility groundwater monitoring is not proposed.

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ATTACHMENT F.6

Noise

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Attachment F.6 Noise

The proposed noise monitoring programme is described in Section 7.1.2 of the Project Description that accompanies this application.

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ATTACHMENT G

Resources Use & Energy Efficiency

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ATTACHMENT G.1

Raw Materials & Energy

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Attachment G.1 Raw Materials and Energy

With the exception of the materials described in Section E of the Application Form, the other materials, intermediates and products that may be used on-site include diesel, engine and hydraulic oil for the plant and water, electricity etc. Projected details of the raw material and energy consumption at the facility are presented in Section 5.13 of the Project Description document that accompanies this application.

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ATTACHMENT H

Materials Handling

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ATTACHMENT H.1

Waste Types & Quantities

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Attachment H.1 Waste Types & Quantities

Table H 1 Total Waste Inputs

Waste Type	
Mixed Dry Recyclables	50,000*
Segregated Paper, Plastic and Cardboard	100,000*
Total	150,000

*Subject to Market Conditions. The individual quantities may change provided the overall limit is not exceeded.

EWC Codes.

Code **Description**

15 01 packaging (including separately collected municipal packaging waste)

15 01 01 paper and cardboard packaging
 15 01 02 plastic packaging
 15 01 03 wooden packaging
 15 01 04 metallic packaging
 15 01 05 composite packaging
 15 01 06 mixed packaging
 15 01 07 glass packaging

19 12 wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified

19 12 01 Paper and cardboard
 19 12 05 Glass
 19 12 12 Other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11*

20 01 separately collected fractions (except 15 01)

20 01 01 Paper and cardboard
 20 01 02 Glass
 20 01 36 Discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35
 20 01 39 Plastics
 20 01 40 Metals

20 03 other municipal wastes

20 03 01 Mixed municipal wastes (Dry recyclables only).

ATTACHMENT H.2

Waste Acceptance Procedures

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Attachment H.2 Waste Acceptance Procedures

Waste Acceptance

Section 5.5 of the Project Description that accompanies the application, describes the waste acceptance procedures that are applied.

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ATTACHMENT H.3

Waste Handling

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Attachment H.3 Waste Handling

Waste handling and site operational procedures are described in Sections 5.6 and 5.7 of the Project Description Document that accompanies this application.

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ATTACHMENT H.4

Waste Arisings

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Attachment H.4 Waste Arisings

The facility generates small volumes of office type wastes. IPR L operates a source segregation policy to maximise the recovery of potential recyclable materials from these waste streams. All recovered materials are transferred off-site to recovery/recycling facilities.

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ATTACHMENT I

Existing Environment & Impact of the Facility

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ATTACHMENT I.1

Air

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Attachment I.1 Air

An assessment of the emissions to air and impacts are included in Sections 6.3 and 6.4 of the Project Description.

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ATTACHMENT I.2

Surface Water

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Attachment I.2 Surface Water

An assessment of the facility's surface water drainage system and of that in its environs including the mitigation measures is presented in Section 6.1 of the Project Description that accompanies this application.

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ATTACHMENT I.3

Sewer

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Attachment I.3 Sewer

The facility does not generate a process wastewater and only sanitary wastewater discharges to the municipal foul sewer. A description of the wastewater drainage system is presented in Section 5.10 of the Project Description that accompanies this application.

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ATTACHMENT I.4

Hydrogeology

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Attachment I.4 Hydrogeology

The site hydrogeological conditions are described in Section 3.4 of the Project Description that accompanies this application. There are no direct or indirect long-term emissions to ground or groundwater. The provision of extensive paved areas provided with surface water collection drains, and secondary containment of the oil storage area minimises the potential for short term direct or indirect discharges to either ground or groundwater in the event of spill or leak.

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ATTACHMENT I.5

Ground Contamination

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Attachment I.5 Ground Contamination

There are no known historical incidents which may have led to groundwater or ground contamination at the site. The facility is located in an area that was developed for industrial/commercial use from the 1960's onwards. The original operators, Smurfit Kappa Recycling Ireland, began paper recovery operations at the facility in 1984. The historical activities are not recognised sources of ground pollution.

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ATTACHMENT I.6

Noise

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Attachment 1.6 Noise

i.6a Ambient Noise levels

The existing activities are not a significant source of noise and there are no noise sensitive locations within the vicinity of the site that are impacted negatively by site activities.

i.6b Noise impact assessment

As there are currently no significant noise impacts from site activities it is considered unlikely that the continued use will lead to any issues. It is proposed to carry out annual noise monitoring.

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ATTACHMENT I.7

Ecology

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Attachment I.7 Ecology

There are no undisturbed areas on the site and an ecology survey was not deemed necessary.

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ATTACHMENT J

Accident Prevention & Emergency Response

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ATTACHMENT J.1

Accident Prevention & Emergency Response

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Attachment J.1 Accident Prevention & Emergency Response

The on-site potential for unauthorised or unexpected releases to the environment is considered to be confined to incidents such as a fire. IPR has prepared an Emergency Response Procedure (ERP), which is in use at the existing facility. A copy of the procedure is included in the Project Description that accompanies this application. The objective of the ERP is to ensure a rapid response to any incident by trained staff and minimise the impact on the environment of any associated emissions.

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ATTACHMENT K

Remediation, Decommissioning, Restoration and Aftercare

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ATTACHMENT K.1

Decommissioning

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Attachment K.1 Decommissioning

There is no short or long term proposal to shut down or decommission any element of the facility. In the unlikely event that the facility has to close, the shut down will be carried out in accordance with the measures set out in the Decommissioning Plan, which will be prepared prior to the start of licensable activities.

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ATTACHMENT K.2

Aftercare Management Plan

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Attachment K.2 Aftercare Management Plan

The site is either paved, or occupied by buildings. It is not anticipated that the waste processing activities will cease in the medium to long term. In the unlikely event that the facility shuts down it will be decommissioned in accordance with the Decommissioning Plan that will be agreed with the Agency. Post closure measures for the monitoring and maintenance of the building and the restored areas will be agreed with the Agency.

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ATTACHMENT L

Statutory Requirements

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ATTACHMENT L.1

Section 40 WMA

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Attachment L.1 Section 40 WMA

Details of the emissions from the facility are presented in Section 6 of the Project Description that accompanies this application. The emissions will not result in the contravention of any relevant standard or emission limit prescribed under enactment. The proposed development is consistent with the Dublin Region Waste Management Plan.

The site activities are based on best management practice and take into consideration the Draft BAT Guidance Note for the Waste Sector: Waste Transfer Activities published by the Agency. The facility operations, when carried out in accordance with licence conditions, will not cause environmental pollution. The Facility Manager has seventeen years experience of the operation of waste management facilities.

Energy will be used efficiently in the carrying out of proposed activities. Necessary measures will be taken to ensure limited consequences for the environment from accidents or the permanent cessation of activities at the site.

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ATTACHMENT L.2A

Offences & Convictions

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Attachment L.2A Offences and Convictions

IPR has not been prosecuted under the provisions of the Waste Management Acts 1996 to 2007, the EPA Act 1992 and 2003, the Local Government (Water Pollution) Acts 1977 and 1990 or the Air Pollution Act 1987.

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ATTACHMENT L.2B

Technical Competence & Site Management

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Attachment L.2B Technical Competence and Site Management

The proposed facility management and staffing structure is provided below: -

- Facility Manager;
- Deputy Facility Manager;
- Site Foreman;
- Weighbridge Operator;
- General Operatives;
- Drivers;
- Administration Staff.

The personnel responsible for the implementation of the environmental management procedures and regulatory compliance are the Facility Manager and Deputy Manager. The current Facility Manager has seventeen years experience of the operation of waste management facilities. Details of the actual staff numbers and positions and training will be submitted to the Agency before start-up of the facility.

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ATTACHMENT L.2C

Financial Provision

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Attachment L.2C Financial Provision

In the extremely unlikely event of the unexpected closure the decommissioning plan specified in the Licence will be implemented. This Plan will include details of the financial provisions to be made to ensure that the facility is closed and decommissioned in a manner that will not cause environmental pollution. IPR will provide the Agency with the appropriate form of guarantee for this financial provision by way of a bond or other financial instrument as may be specified by the Agency.

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