

Section A
Non Technical Summary

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

Non Technical Summary

This application relates to a site at the former Race Course, Greenpark, Dock Road, Limerick.

The applicant, Limerick Race Company PLC, Greenmount Park, Patrickswell, Co. Limerick, is the site owner. However, the applicant will be appointing suitably qualified contractors to undertake each of the phases of the filling of the site. Roadbridge Ltd. are currently the contractors undertaking Phase 1 filling of the site under the current waste permit.

Limerick Race Company PLC are considered to be fit and proper under the terms of Section 40(7) of the Waste Management Act.

Material Recovery is presently ongoing at the application site, under the existing Limerick City Council Waste Permit WP08-03 for the site, which was granted on 8 July 2008, in accordance with the relevant legislation at that time (Waste Management Act 1996 to 2005 and the Waste Management (Permit) Regulations 1998). This permit expires on June 2009. The site is permitted for the recovery of Construction and Demolition Wastes – EWC Codes 17 0107 Concrete, bricks, tiles and ceramics (Non Haz) and 17 05 04 Soil and Stones

The site is currently zoned for residential, all purpose and open space uses under the Limerick City Development Plan and the site is being filled to accommodate the development of the site at appropriate finished levels.

An EIS has been prepared for the development of the site and is included with the application. A summary document which references the relevant extracts from the EIS with regard to the filling and construction phase of the development has also been provided for ease of reference.

The site area is 28.967 hectares with the total land holding of 50.966 hectares. The volume of filling for which the licence is sought is 518,500 m³. The application has assumed that the filling can be accommodated within 3 years of the licence operation. It is acknowledged that the rate of filling is dependant on the availability of fill material and the targets may have to be revised in the future to reflect this.

The applicant is committed to the filling of the site on a phased basis. Four phases are currently proposed and indicated on drawing 091-140-010. Phase 1 is currently being filled under the existing waste permit and the priority of the subsequent phases will be developed when the planning permissions for the proposed developments at the site have been confirmed.

The proposed hours of operation at the facility are:

- a) 8.00am to 6.00pm - Monday to Friday
9am to 4.00pm - Saturday
Closed - Sundays & Bank Holidays
- b) Proposed Hours of Waste Acceptance/Handling:
8.30am to 5.30pm - Monday to Friday

9.30am to 3.30pm - Saturday

Closed - Sundays & Bank Holidays

There is no discharge of trade effluent or other matter, to sewer (existing or proposed) from the Waste Licence Application site.

The activity proposed in this Waste Licence Application is not an establishment to which the European Communities (Control of Major Accident Hazards involving Dangerous substances) Regulations, 2000 (S.I. No. 476 of 2000), will apply.

The class/classes of activity (in accordance with the Third Schedule or Fourth Schedule to the Waste Management Acts 1996 to 2008), to which this Waste Licence Application relates are presented below.

The 'Principle Activity' to be undertaken is covered by:

Class 4 of the Fourth Schedule of the Waste Management Acts 1996 - 2008: "Recycling or reclamation of other inorganic materials". The proposed activities are also covered by: Class 13 of the Fourth Schedule of the Waste Management Acts 1996 - 2008: "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". This activity allows for the storage of incoming non-hazardous inert material.

The following drawings are submitted in support of the application. These have been provided in A3 format and also in the appropriate scale in accordance with the requirements of the licence application.

091-140-001	Site Topographical Survey
091-140-002	Site Plan
091-140-003	Site Location Plan
091-140-004	Services Plan
091-140-005	Restoration Plan
091-140-006	Site Office Location
091-140-010	Fill Quantities / Phasing
091-140-011	Fill Areas – Grid Details
091-140-012	Site Cross Sections – Sheet 1
091-140-013	Site Cross Sections – Sheet 2
091-140-014	Site Cross Sections – Sheet 3
091-140-015	Site Cross Sections – Sheet 4
Atkins Drawing 2693/303 – Greyhound Stadium Proposed Road Layout Plan (with final levels)	

**Section B
General**

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

Company's Registration Number from the Companies Registry Office

Registered Office	Greenmount Park, Patrickswell, Co. Limerick
Registered	16/03/1991
Company Number	1477

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

List of Company Directors

- Mark Mc Mahon
- James Roche
- Steve Mc Donagh
- Michael O'Brien-Kelly
- Bryan Murphy
- Paddy O'Callaghan
- Gordon Holmes
- Michael Dowling
- Denis Mc Carthy
- Fergus O'Toole
- Niall Roche

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

Land Ownership Drawing

Please Refer to Drawing Booklet for Land Ownership Drawings

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

Attachment B2

Please Refer to Drawing Booklet for Location Drawings

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

Attachment B3

Most Recent Planning Permission and Conditions

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

LIMERICK CITY COUNCIL

PLANNING AND DEVELOPMENT ACTS 2000 to 2006

NOTIFICATION OF DECISION TO GRANT

TO: The Limerick Race Company PLC.
c/o Michael Punch & Partners
97 Henry ST
Limerick

Planning Register Number: P.07/237
Application Received: 18/06/2007
Further Information Received Date: 19/02/2008

In pursuance of the powers conferred upon them by the above-mentioned Acts, Limerick City Council has by Order dated 12/3/2008 decided to **GRANT PERMISSION** for development of land, namely:-

to raise land levels at the Old Racecourse, Greenpark, Dock Road, Limerick using clean inert construction and demolition waste and subsoil. An Environmental Impact Statement will be submitted as part of the application. AT Old Racecourse Greenpark, Dock Road, Limerick IN ACCORDANCE WITH THE PLANS SUBMITTED WITH THE APPLICATION.

In accordance with Section 34(3) of the Act, The Planning Authority in making its decision has had regard to submissions or observations received in accordance with the Planning & Development Regulations 2001 to 2006.

Subject to the 4 conditions set out hereunder.

CONDITION

1. The development shall be carried out in accordance with the plans and particulars submitted to the planning authority as amended by the further information received on the 19/2/08 save for any condition attached hereto.
2. The developer shall submit an adequate security by way of a bond from an approved Insurance Company or Bank or agreed cash deposit to ensure satisfactory completion of the proposed development of the access road, parking facilities, sanitary services, public lighting etc. The amount of the bond/cash deposit to be €200,000 and to be submitted to the Planning Authority prior to commencement.

REASON

- To clarify the nature of the proposed development.
- To ensure the satisfactory completion of the proposed development in the interests of proper planning and development.

3. That the requirements of Sanitary Services shall be ascertained and strictly adhered to in the course of the proposed development. In this regard :

In the interest of orderly development.

- o The developer shall provide an alternative route for the proposed trunk main should its route impinge on the service main along the main service road of the development.
- o The filling of the lands shall be coordinated with the trunk main installation by the Sanitary Authority. The filling cannot impede the existing 600mm Rosbrien Road to Dock Road Trunk Main.
- o The development shall use a maximum 10-20-R (P) light weight fill material over the way leave.
- o On completion of the works the applicant shall compile a CCTV survey of the sewers within the catchment and shall supply written certification that the sewers have not been detrimentally impacted by the development.
- o A 10m maintenance way leave shall be provided in the name of Limerick City Council on lands over the storm water drainage system serving the Courtbrack catchment area towards the lagoon.
- o The applicant shall submit and agree prior to the commencement of development a maintenance regime for the back drain to include a dredging programme.
- o The filling in the area of the back drain shall be set back a further 5m.
- o The applicant is to submit proposals prior to the commencement of development to prevent surface water draining from the filled lands over the LMD sewer.

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

4. The requirements of the Environment Section Limerick City Council shall be ascertained and adhered to in the course of the proposed development. In this regard the applicant shall employ wheel washes and suitable dust suppression measures.

In the interest of environmental protection.

Signed on behalf of Limerick City Council



DIRECTOR OF SERVICE/HEAD OF FINANCE

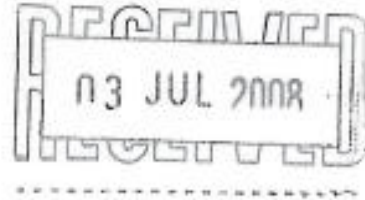
DATE: 12th March 2008

LIMERICK CITY COUNCIL

PLANNING AND DEVELOPMENT ACTS 2000 to 2006

NOTIFICATION OF DECISION TO GRANT

TO: Limerick Racecourse Plc
C/o Cunnane Stratton Reynolds
Copley Hall
Cotters Street
Cork



Planning Register Number: P.07/470
Application Received: 17/12/2007
Further Information Received Date: 25/04/2008

In pursuance of the powers conferred upon them by the above-mentioned Acts, Limerick City Council has by Order dated 01/07/08 decided to GRANT PERMISSION for development of land, namely:- Greyhound racing stadium and ancillary development works, car parking, lighting, landscaping and access works all on a site of 6.6 Ha. The track will be a 500m Greyhound track (480m internal circumference/510m external circumference), it will provide stadia viewing, dining area, kennel block, shop storage areas and office buildings. Site levels will be increased to accommodate the proposed development so that the proposed FFL (Final Floor Level) of the stadium will be 4.5 OD. The track will generally be at a level of 4.2 aOD and the final height of the stadium building will be 16.1m with additional roof support poles of 9.7m. Filling of the lands over an infrastructure way leave is also proposed. The facility will provide for 510 car, 54 greyhound trainer vehicles and 3 coach parking spaces around the stadium with access onto and from the Dock Road via the permitted internal access which will require detail changes. The proposed will also allow for the construction of a roundabout on this internal access road to access the northeast end of the stadium site. An Environmental Impact Statement accompanies this application and will be available for inspection or purchase at a fee not exceeding the reasonable cost of making a copy. AT Former Greenpark Racecourse Dock Road Limerick IN ACCORDANCE WITH THE PLANS SUBMITTED WITH THE APPLICATION.

In accordance with Section 34(3) of the Act, The Planning Authority in making its decision has had regard to submissions or observations received in accordance with the Planning & Development Regulations 2001 to 2006.

Subject to the 21 conditions set out hereunder.

CONDITION	REASON
1. The development shall be carried out in accordance with the plans and particulars submitted to the planning authority as amended by the further information received on the 25/4/08 or any condition attached hereto.	To clarify the nature of the proposed development

2. The developer shall pay to the planning authority a financial contribution in the amount of €553,002 in respect of public infrastructure and facilities benefiting development in the area of the planning authority that is provided or intended to be provided by or on behalf of the authority in accordance with the terms of the Development Contribution Scheme made under Section 48 of the Planning and Development Act 2000. The contribution shall be paid prior to the commencement of development or in such phased payments as the planning authority may facilitate and shall be subject to any applicable indexation provisions of the Scheme at the time of payment.
- In accordance with the Limerick City Council's Development Contribution Scheme made under Section 48 of the Planning and Development Act, 2000.
3. The developer shall submit an adequate security by way of a bond from an approved Insurance Company or Bank or agreed cash deposit to ensure satisfactory completion of the proposed development of the access road, parking facilities, sanitary services, public lighting etc. The amount of the bond/cash deposit to be €200,000 and to be submitted to the Planning Authority prior to commencement.
- To ensure the satisfactory completion of the proposed development in the interests of proper planning and development.
4. Full details of the external finishes including a sample colour of the (tiles, brickwork etc.) shall be submitted for the written agreement of the planning authority prior to the commencement of development.
- In the interests of visual amenity.
5. Any public road soiled by construction traffic shall be cleaned daily. wheel wash or other cleaning facility shall be provided if requested by the planning authority including suitable dust suppression measures during dry weather.
- In the interest of residential amenity.
6. Prior to the commencement of development the developer shall submit a project construction waste management plan for the construction phase of development (to be agreed with the Environment Section, Limerick City Council) for the written agreement of the Planning Authority having regard to Circular WPR 07/06 .
- In the interest of orderly development.
7. The car park hereby approved shall be retained for ancillary and associated use by the occupiers of the premises and shall not be sold, rented or otherwise sub-let or leased to other parties.
- In the interest of sustainable transportation
8. The site development works including roads, sewers, water mains etc. be constructed to comply with the "Recommendations for Site Development Works for Housing Areas" as issued by The Department of the Environment and Local Government.
- In the interests of proper planning and development.

Consent of copyholder for inspection purposes only. No further consent required for any other use.

9. The requirements of water services shall be ascertained and strictly adhered to in the course of the proposed development. In this regard:

- o All water mains must pass a pressure test.
- o Active water conservation measures to be utilised in the development of the site including the installation of a water meter for the construction and post construction phases.
- o All water mains to be a minimum of 150 mm
- o A macerator shall be installed to intercept solids from the kennel block.
- o All gullies to be trapped
- o Grease traps to be provided to all food preparation areas.
- o The foul and surface water sewers to be separate sewers.
- o The consent of the OPW is required in advance of the development commencing.
- o Grey water attenuation to be in accordance with drawing 2693/240/rev0.
- o On completion of the development the applicant shall supply a cctv survey of the sewerage infrastructure installed including certification of its installation by a bonded engineer
- o The surface water sewer proposals shall be in accordance with the report prepared by White Young Green for the area and on completion of this development the main trunk sewer shall revert to the ownership of Limerick City Council when accompanied by the necessary certification.

In the interests of public health and orderly development

10. Full details of a public lighting scheme shall be submitted to the Planning Authority for written agreement prior to the commencement of development. The agreed lighting scheme shall be fully implemented prior to the first occupation of the development, or if the planning permission relates to a phased development prior to the first occupation of each phase.

In the interests of public safety.

11. All service cables associated with the proposed development (such as electrical, communal television, telephone and public lighting cables) shall be run underground within the site.

In the interest of orderly development and the visual amenities of the area.

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

12. Prior to the commencement of development, and notwithstanding the details shown on the submitted drawings, a detailed landscaping scheme shall be submitted to the Planning Authority for written agreement. The scheme shall include details of all existing trees and hedgerows on the site, specifying those proposed for retention, together with measures for their protection during the period in which the development is carried out in accordance with BS 5837. The site shall be landscaped in accordance with the agreed scheme, which shall also include a timescale for implementation. The applicant shall replace any tree or shrub which dies or is removed within the three years of planting. This scheme shall also include details of the walkway to the rear of the site and all boundaries.
- In the interest of visual amenity and to ensure a proper standard of development.
13. Prior to commencement of development the developer shall submit, and obtain the written agreement of the planning authority to, a plan containing details for the management of waste (and, in particular, recyclable materials) within the development, including the provision of facilities for the storage, separation and collection of the waste and, in particular, recyclable materials, and for the ongoing operation of these facilities.
- To provide for the appropriate management of waste and, in particular recyclable materials, in the interest of protecting the environment.
14. Adequate provision shall be made to facilitate access to and the use of the building and its facilities by disabled persons.
- In the interest of achieving a development that is accessible to all people.
15. The developer shall make provision for, and provide at their own expense, public art and/or sculpture on the site, commemorating the famous visitors to the Racecourse site. Details in this regard shall be submitted to and agreed with the planning authority prior to commencement of development.
- In the interest of promoting civic and cultural amenities and in accordance with the provisions of Policy ZL26 of the current development plan for the area.
16. That all relevant conditions of permission granted under reg ref P07/237 shall be adhered to in the course of the proposed development
- In the interest of orderly development
17. The offices within the development shall be operated by Bord na gCon only and shall not be sub let or otherwise.
- In the interest of orderly development.
18. That all signs be agreed prior to the commencement of development.
- In the interest of orderly development.
19. That the requirements of the HSE shall be ascertained and strictly adhered to in course of the proposed development.
- In the interest of public health.

20. Prior to commencement of development, the developer shall submit for the agreement of the planning authority a plan for traffic management and parking associated with the proposed development. This plan shall specifically include details of vehicular, cycle and pedestrian access, including coaches and service vehicles, provision for staff parking (and alternatives to car use including cycle parking provision within the building) and parking provision for events and functions within the stadium where it may reasonably be anticipated that demand will exceed the on-site provision.

In the interest of traffic safety and orderly development.

21. That all junctions and footpath shall be laid out in accordance with the requirements of the roads and traffic section Limerick City Council.

In the interest of orderly development.

Signed on behalf of Limerick City Council



DIRECTOR OF SERVICE/HEAD OF FINANCE

DATE: 1st July 2008

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

Written Notification to Limerick City Council from the Applicant of the application to the Environmental Protection Agency for a Waste Licence under Article 9 of the Waste Management (Licensing) Regulations.

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



Michael Punch & Partners

CONSULTING ENGINEERS

LIMERICK • DUBLIN • CORK

97 Henry Street
Limerick

Tel: 061 313 877

Fax: 061 319 071

Planning Department,
Limerick City Council,
City Hall,
Merchants Quay,
Limerick.

Date 12 February 2009

Our reference

091140/DG/LCC

Re: Waste Licence Application, Former Race Course, Greenmount, Dock Road, Limerick.

Dear Sir/Madam,

Notice is hereby given in accordance with the provisions of the Waste Management Acts, 1996 to 2008 and Articles 5 and 6 of the Waste Management (Licensing) Regulations 2004 (S.I. No. 395 of 2004) that Limerick Race Company PLC, Greenmount Park, Patrickswell, Co. Limerick are applying to the Environmental Protection Agency (EPA) for a Waste Licence for the recovery of inert material on a site at the Former Race Course, Greenpark, Dock Road, Limerick, which is located at National Grid Reference E155649 N155493.

The proposed works involve the acceptance of 171,600m³ per annum of non hazardous inert material (Construction & Demolition Waste) and its recovery, by spreading material over the site area, with a consequential benefit for improving the land for commercial and residential use.

The relevant Waste Recovery Activities, as per the Fourth Schedule of the Waste Management Acts 1996 to 2008 and the Waste Management (Licensing) Regulations 2004 (S.I. No. 395 of 2004) to which this application relates are:-

Fourth Schedule - Waste Recovery Activities:

Principle Activity -

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"

email: limerick@mpp.ie • dublin@mpp.ie • cork@mpp.ie website: www.mpp.ie

Directors: PB Hanley (Chairman) • JM Pollock (Managing) • JF Murphy • JK Clancy • TH Cosgrove • MJ Heffernan • TM Sheehan • CG O'Sullivan
RP Stokes • KS Mallery Consultant: MJ Punch

Michael Punch & Partners Ltd

Reg in Ireland: Number 111183
Reg office: 97 Henry St. Limerick

CIVIL • STRUCTURAL • ENVIRONMENTAL • TRAFFIC • SITE APPRAISAL • EIS • MARINE STRUCTURES • FACADE ENGINEERING • SUSTAINABLE DEVELOPMENTS



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, Johnstown Castle Estate, County Wexford.

Yours sincerely

Dónal Gallery
Civil Engineer
Michael Punch & Partners

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

Environmental Impact Statement

Please see EIS attached with Application.

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

Waste Permit WP08-03

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



Comhairle Cathrach
Luimnigh

Limerick
City Council

Áras na Cathrach
Luimneach
Telefón: 061 - 407100
Fax: 061 - 415266
Email: info@limerickcity.ie
Website: www.limerickcity.ie

City Hall
Limerick
Telephone: 061 - 407100
Fax: 061 - 415266
Email: info@limerickcity.ie
Website: www.limerickcity.ie

Sinead Kennedy
Michael Punch & Partners
Consulting Engineers
97 Henry Street
Limerick

DL

16th July 2008

Date

Your reference

Our reference

RE: Waste Management (Permit) Regulations, 1998
Permit No. - WP 08 - 03

Dear Sinead

A Waste (Management) Permit Ref. Number **WP 08 - 03** in accordance with the above regulations has been issued to Limerick Race Company for the site at Old Limerick Racecourse, Dock Road, Limerick. Please find enclosed the attached conditions to your permit.

Please note that in accordance with Condition 8.1 the Permit Holder should pay Limerick City Council an annual financial contribution of €1,500 or such sum as the City Council determines, towards the cost of monitoring the activity. This sum must be made payable within 1 month from the date of grant of the permit.

Please be advised that this permit is valid for a period of 12 months subject to the permit holder adhering to the conditions attached.

If you have any queries regarding the attached permit, please don't hesitate to contact gwhelan@limerickcity.ie.

Yours sincerely

Gráinne Whelan
Environmental Scientist
Environment Department

MPP - (L)			
JOB No.			
17 JUL 2008			
ATTN	DL		
SEEN			



LIMERICK CITY COUNCIL

WASTE MANAGEMENT PERMIT

TO: **LIMERICK RACE COMPANY
GREENMOUNT PARK
PATRICKSWELL
CO. LIMERICK.**

Permit Ref: WP 08-03

Limerick City Council, in exercise of the powers conferred on it by the Waste Management Act, 1996 to 2005 and the Waste Management (Permit) Regulations, 1998 hereby grants a Waste Management Permit, **Reference Number WP 08 03** to **Limerick Race Company**, for the site at **Old Racecourse, Dock Road, Limerick** (Hereinafter referred to as the Permit Holder) involved in the recovery of inert waste material for the development of the lands.

To: **LIMERICK RACE COMPANY**

Located at: **OLD LIMERICK RACECOURSE
DOCK ROAD
LIMERICK CITY**

Subject to 9 conditions as set out on the schedule attached hereto.

Dated this ^{8th} day of July, 2008

SIGNED:



**Caroline Curley
Director of Services
Environment Department**

LIMERICK CITY COUNCIL



City Hall, Merchants Quay, Limerick

Waste Management Act, 1996 to 2005

Waste Management (Permit) Regulations, 1998

WASTE PERMIT

Ref. No. in Permit Register: WP 08 03 - Limerick City

NAME OF APPLICANT: LIMERICK RACE COMPANY

ADDRESS: GREENMOUNT PARK
PATRICKSWELL
CO. LIMERICK.

WASTE PERMIT NO: WP 08 03

PERMIT VALID: JULY 2008 TO June 2009

LOCATION OF FACILITY: OLD LIMERICK RACECOURSE
DOCK ROAD
LIMERICK CITY

NATURE OF FACILITY: RECOVERY OF INERT MATERIAL
(CLASS 4)

CLASSES OF ACTIVITY: CLASSES 4 & 13 OF THE FOURTH
SCHEDULE OF THE WASTE
MANAGEMENT ACT, 1996 TO 2008.

INTERPRETATION

In this permit, terms used are as defined in the Waste Management Acts 1996 to 2005 and repeated here for convenience. In addition some new definitions have been added. In case of conflict between this permit and the Acts, the Waste Management Acts 1996 to 2005 take precedence.

Act	The Waste Management Acts 1996 to 2005, as amended.
Annual Environmental Report (AER)	As defined in Condition 7.3 of this permit
Authorised Person	A person who is appointed in writing by the Minister, a local authority, the Agency or such other person as may be prescribed to be an authorised person for the purposes of the Waste Management Acts.
Collection	The gathering, sorting or mixing of waste for the purpose of its being transported, and includes the transport of waste and the acceptance or control of waste.
Commercial Waste	Waste from premises used wholly or mainly for the purposes of a trade or business or for the purposes of sport, recreation, education or entertainment but does not include household, agricultural or industrial waste.
Construction and Demolition Waste	All waste that arises from construction, renovation and demolition activities, including all wastes mentioned in Chapter 17 of the European Waste Catalogue.
Disposal	Includes any of the activities specified in the Third Schedule of the Waste Management Acts.
Disposal Facility	Any site or premises used for the purpose of waste disposal.
Environmental Pollution	The holding, transport, recovery or disposal of waste in a manner which would, to a significant extent, endanger human health or harm the environment, and in particular – (a) create a risk to waters, the atmosphere, land, soil, plants or animals, (b) create a nuisance through noise, odours or litter, or (c) adversely affect the countryside or places of special interest;
European Waste Catalogue	A list of wastes (including the Hazardous Waste List) established, pursuant to Council directive 75/442/EEC on Waste, by Commission Decision 94/3/EC and which has been replaced since 1 st January 2002 by Commission Decision 2000/532/EC (as amended by Commission Decisions 2001/118/EC and 2001/119/EC). Any waste

marked with an asterisk (*) is considered as a hazardous waste.

Hazardous Waste	As defined in Section 4(2)(a) of the Act.
Healthcare Waste (to include non-hazardous waste arisings)	Those wastes listed under section 18 of the European Waste Catalogue
Household Waste	Waste produced within the curtilage of a building or self-contained part of a building used for living accommodation.
Industrial Waste	Includes waste produced or arising from manufacturing or industrial activities or processes.
Local Authority	In the case of a county borough, the city council of the county borough, in the case of any other administrative county, the council of the county, and references to the functional area of a local authority shall be construed accordingly.
Maintain	Keep in a fit state, including such regular inspection, servicing and repair as may be necessary to adequately perform its function.
Mechanically Propelled Vehicle	A vehicle intended or adapted for propulsion by mechanical means.
Municipal Waste	Household waste as well as commercial and other waste which, because of its nature and composition, is similar to household waste.
Packaging	Any material, container or wrapping, used for or in connection with the containment, transport, handling, protection, promotion, marketing or sale of any product or substance.
Recovery	Any activity carried on for the purposes of reclaiming, recycling or re-using, in whole or in part, the waste and any activities related to such reclamation, recycling or re-use, including any of the activities specified in the Fourth Schedule of the Waste Management Acts.
Recovery Facility	Any site or premises used for the purpose of waste recovery.
Relevant Local Authority	The Authority in whose functional area the activity is taking place

Skip	A container used for the storage or removal of builder's materials, rubble, waste, rubbish or other materials and which is designed to be transported by means of a mechanically propelled vehicle.
Source Separation	Taking steps in a systematic manner for the purpose of separating specified waste types from other waste materials and the holding of such waste so separated prior to its collection, recovery or disposal.
Treatment of Waste	Includes any thermal, physical, chemical or biological processes that change the characteristics of waste in order to reduce its volume or hazardous nature or facilitate its handling, disposal or recovery.
Waste	Any substance or object belonging to a category of waste specified in the First Schedule of the Waste Management Acts or for the time being included in the European Waste Catalogue (EWC) which is discarded or otherwise dealt with as if it were waste.
Waste Oils (to include liquid Contaminated sorbernt)	Any mineral-based lubrication or industrial oils which have become waste, including used combustion engine oils, gearbox oils, mineral lubricating oils, oils for turbines and hydraulic oils.
Waste Permit	A permit issued by a local authority for a waste facility in accordance with the Waste Management Acts 1996 to 2005 and the Waste Management (Permit) Regulations, 1998.

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, WASTE, LITTER, ENVIRONMENTAL HEALTH AND SAFETY, TRAFFIC, ROADS AND PLANNING LEGISLATION.

SCHEDULE OF CONDITIONS

CONDITION 1: GENERAL

- 1.1 The only waste activities authorised by this permit in accordance with the Fourth Schedules of the Waste Management Acts 1996 to 2005 are as depicted below:

Fourth Schedule
Recycling or reclamation of other inorganic material (Class 4)
<i>This activity refers to the recovery of clean inert material on land.</i>
Storage of waste intended for submission to any activity referred to in the preceding paragraph of this schedule other than temporary storage, pending collection, on the premises where such waste is produced (Class 13)
<i>This activity is limited to the temporary storage of clean inert material on-site prior to recovery.</i>

Table 1: WP 08 03 – Authorised Activities

- 1.2 This waste permit is granted for a period not exceeding 12 months
- 1.3 This permit refers to the waste recovery activities of **Limerick Race Company, Greenmount Park, Patrickswell, Co. Limerick**. The location of the facility being **Old Limerick Racecourse, Dock Road, Limerick**.
- 1.4 The permit refers to lands designated on drawing 071-242-003 submitted with the application. Highlighted Site boundary in red refers to the extent of lands for infilling.
- 1.5 Recovery activity shall extend only to Phase 1 in the orange highlighted outlined area as detailed in drawing 071-242-003 submitted with the application. Quantity of infill material is 120,000m³.
- 1.6 All waste recovery activities shall take place only as specified in the application received on 14 April 2008 as modified and controlled by the terms of this permit.
- 1.7 No material change in the type of waste accepted or the type of activities undertaken may take place without the prior consent of Limerick City Council.
- 1.8 The permit holder shall give notice in writing to Limerick City Council of any significant changes in the information furnished to the permitting authority in the application of 14 April 2008 within one week of such changes occurring.
- 1.9 No substance shall be discharged from the site in such quantities as would exceed the concentration limits imposed for the specific substance in National or International legislation.
- 1.10 Only waste as described in the following table, (codes taken from the European Waste Catalogue) shall be processed on the site.

EWC Code	Waste Description
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 01 07	Concrete, bricks, tiles & ceramics (non hazardous)
17 05 04	Soil and Stones

Reason: To clarify the Scope of this licence.

CONDITION 2: SITE INFRASTRUCTURE

- 2.1 Within two weeks of the date of grant of this permit, an identification board shall be provided and maintained on the entrance to the site so that it is legible to persons outside the main entrance to the site.
- 2.2 The board shall clearly state the following :-
 - a) The name and telephone number of the company;
 - b) That the site has a waste permit from Limerick City Council;
 - c) The waste permit number – WP 08 03;
 - d) Date of grant of permit;
 - e) The normal hours of operation of the facility;
 - f) The name, address & telephone number of the permit holder.
- 2.3 The site shall be secured with an adequate security fence and the gates to the facility shall be kept locked shut when the facility is unsupervised.
- 2.4 Any mature trees along the boundary of the permit site shall be retained. All hedgerows damaged or removed during the lifetime of the permit must be reinstated where feasible, using similar types and species as originally present.
- 2.5 The activities at the facility to which the permit applies shall be carried out separate from all other activities at the site.
- 2.6 A sprinkler system, water tanker or other suitable equipment shall be available on site during periods of dry weather to spray the site so as to control airborne dust.
- 2.7 Prior to acceptance of waste at the site, a wheel wash facility, including water jets or other approved cleansing method shall be provided close to the site exit. The underside of all haulage vehicles leaving the site shall be cleaned, as required, to prevent the soiling of public roads.

Reason: To prevent illegal dumping, environmental nuisance and to preserve visual amenity.

CONDITION 3: STORMWATER AND SOILED WATER

- 3.1 Infilling or piping of water channels under the auspices of the Office of Public Works (OPW) is strictly prohibited other than in accordance with consent issued in accordance with Section 50 of the Arterial Drainage Act, 1945.
- 3.2 An undisturbed buffer zone of 7m shall be maintained between the edge of fill and all water channels and open ditch within the permit site.
- 3.3 The buffer zone areas shall be fenced prior to commencement of activity at the site. The Permitting Authority shall be notified upon completion of such works.
- 3.4 A baseline assessment of water quality in the existing channels and adjoining water courses shall be carried out prior to commencement of activity. Grab samples shall be taken both upstream and downstream of the site. Locations to be agreed with Limerick City Council. Samples shall be analysed for Suspended Solids, Colour, Turbidity, pH, conductivity and BOD. **Subsequent analysis of the water quality must be carried out within 2 months to determine if the activities at the site have any detrimental effects on any adjoining river or watercourse in the area.**
- 3.5 Baseline chemical analysis results shall be forwarded to the Council within three weeks of the date of grant of permit along with a drawing detailing the approved sample locations.
- 3.6 All surface water runoff from the site shall be disposed of to nearby watercourses. No such surface water shall be allowed to discharge onto adjoining properties or on to the public road.
- 3.7 Soiled water from the wheel wash shall be spread on the site and not discharged to watercourses.

Reason: To prevent flooding and pollution.

CONDITION 4: HAZARDOUS WASTE STORAGE

- 4.1 No hazardous waste shall be allowed on site at any time.

REASON: To provide for the protection of the environment.

CONDITION 5: MANAGEMENT OF THE ACTIVITY

- 5.1 The facility shall be under the control of a suitably qualified manager. The manager or a suitably trained deputy shall be on site at all times during the operation of the facility.
- 5.2 The name, address and telephone number of the manager and his deputy or deputies shall be supplied to the Environment Section of Limerick City Council within two weeks of the date of grant of this permit.

- 5.3 Limerick City Council shall be informed of changes in key staff including the name and address of suitably qualified personnel in writing within seven days of such changes.
- 5.4 The manager or his deputy shall be responsible for:-
- a) Ensuring that only waste of the type allowed under conditions 1.10 is deposited on the site;
 - b) Recording information required under the conditions of this permit.
- 5.5 The permit holder shall provide a copy of the permit to all relevant personnel working on the site.
- 5.6 The permit holder shall make a copy of this permit available at the facility for examination by any interested party.
- 5.7 All waste arriving at the facility shall be subjected to a visual inspection. Materials other than those permitted under condition 1.10 shall not be accepted at the site.
- 5.8 Any waste arising not in line with the permit subsequent to the waste acceptance procedure shall be removed by the permit holder and disposed of or recovered at an appropriate facility. Limerick City Council shall be notified of any such event as per Condition 5.9.
- 5.9 A written record shall be kept for each load of waste as follows: -
- a) Date of Receipt;
 - b) The name of the company which transported the waste;
 - c) The vehicle registration number and vehicle type;
 - d) The location where the waste originated;
 - e) A description of the waste including EWC Code;
 - f) The quantity of waste in tonnes;
 - g) The name of the person who received the waste;
 - h) Where loads are removed or rejected, details of the date of occurrence, the types of waste and the facility to which they were removed.
- 5.10 Waste shall only be accepted at the facility between the hours of 08:00 and 18:00, Monday to Friday and 09:00 – 15:00 on Saturdays. No work (excluding emergency works) shall take place at the site outside of these hours.
- 5.11 Scavenging shall not be permitted at the facility.
- 5.12 The permit holder shall keep records of any of the following incidents:-
- a) Any emission that does not comply with the requirements of this Permit;
 - b) Any fire or emergency on site;
 - c) All steps taken to control or minimise the emissions and/or emergency.
- 5.13 The permit holder shall notify the Environment Section of Limerick City Council, both by telephone and in writing as soon as practicable after the event as outlined in Condition 5.12. Notification of the incident shall include the relevant written record of the incident.

- 5.14 The permit holder shall maintain a written record of all complaints relating to the operation of the activity. Each such record should give the following details:-
- Time and date of the complaint;
 - The name and phone number of the complainant;
 - Details of the nature of the complaint;
 - Actions taken as a result of the complaint and the results of such actions;
 - The response made to each complainant.
- 5.15 The permit holder shall notify Limerick City Council's Environment Section within seven days of:-
- The imposition of any requirement on that person by order under Section 57 or 58 of the Waste Management Acts 1996 to 2005, or
 - Any conviction of that person for an offence prescribed under Section 34(5) or 40(7) of the Waste Management Acts 1996 to 2005.
- 5.16 All topsoil and general organic material shall be stripped and stored for re-use prior to commencement of recovery activities.

Reason: To ensure that the activity is properly managed and that acceptable standards are maintained.

CONDITION 6: ENVIRONMENTAL NUISANCES

- 6.1 The level of total dust deposition at the boundary of the facility shall not exceed 350mg/m²/day.
- 6.2 Activities on the site shall not cause noise levels, measured as LAeq(30mins) over an 8-hour period, at the nearest noise sensitive location, to exceed the greater of 55dBA (daytime) or 3dBA above the daytime LAeq(30min) levels that exist when the site is not operating. There shall be no audible tonal or impulsive component in the noise emissions from the site.
- 6.3 Limerick City Council at its discretion may require the permit holder to carry out noise surveys and/or dust monitoring at the facility. The location, number & frequency of testing to be agreed with Limerick City Council.
- 6.4 All litter on the site and its environs should be removed and appropriately disposed of on a daily basis.
- 6.5 The public road should be kept free from any debris caused by vehicles entering or leaving the facility. Any such debris shall be removed without delay. A dual road sweeper shall be available on site to maintain the road within 250m of the site. All kerb side channels and gullies within 250m of the site shall be maintained.

Reason: To avoid environmental damage and nuisance.

CONDITION 7: REPORTING TO LOCAL AUTHORITY

- 7.1 The permit holder shall submit to the Environment Section of Limerick City Council, with the Annual Environmental Report, the following information in relation to the Environmental Monitoring at the site:
- a) Surface water monitoring results.
 - b) Dust monitoring carried out under condition 6.3;
 - c) Noise survey & monitoring results carried out under condition 6.3;
 - d) Details of any loads rejected and the reasons for rejection as per conditions 5.7 & 5.8;
 - e) Reportable incidents as in condition 5.8, 5.12, 5.14 & 5.15.
- 7.2 The permit holder shall submit to Limerick City Council's Environment Section an Annual Environmental Report (AER) not later than 31st day of January in each year, information as specified in Condition 7.3 in relation to the facility for the previous calendar year, or part thereof where appropriate.
- 7.3 The environmental report described at Condition 7.2 shall include details of:
- a) The management and staffing structure of the facility;
 - b) Details of all loads rejected and the reasons for rejection as per condition 5.7 & 5.8;
 - c) The results of all dust monitoring carried out under condition 6.3;
 - d) The results of any noise surveys carried out under condition 6.3;
 - e) The results of any surface water monitoring outlined under Condition 3.4
 - f) Reportable incidents as in conditions 5.8, 5.12, 5.14 & 5.15.
 - g) A summation of the types and quantities of waste from records in Microsoft Excel format as laid out in appendix 1.
 - h) In addition, the permit holder shall include in the report a written summary of his compliance with all 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 8: FINANCIAL CONTRIBUTION

- 8.1 The permit holder shall pay to Limerick City Council a financial contribution of €1500 or such sum as Limerick City Council from time to time determines, towards the cost of monitoring the activity, as Limerick City Council considers necessary for the performance of its functions under the Waste Management (Permit) Regulations 1998. This amount shall be paid to Limerick City Council within one month of the date of grant of this permit
- 8.2 In the event that the frequency or extent of monitoring or other functions carried out by the City Council need to be increased for whatever reason, the permit holder shall contribute such sums as are determined by the Council to defray costs.

Reason: To allow for the recovery by Limerick County Council of monitoring and administration cost in relation to the permit.

CONDITION 9: SITE CLOSURE

- 9.1 Following termination, or planned cessation of use of the site in the permitted facility, the permit holder shall decommission, render safe or remove for disposal/recovery, any, equipment, or any waste, materials or substances that may result in environmental pollution.

Reason: To provide for the protection of the Environment following cessation of the permitted activity.

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

Appendix 1

REPORTING FORMAT FOR WASTE PERMIT (Incoming Waste)

Collection Date	Company	Collection Vehicle Registration	Collection Company Permit No.	Quantity of Waste Material (Tonnes)				
				17 01 01	17 01 02	17 01 03	17 01 07	17 05 04

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

Attachment B6

Notices and Advertisements

Advertisements

Please see attached Irish Independent Newspaper.

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

SITE NOTICE

APPLICATION TO THE ENVIRONMENTAL PROTECTION AGENCY FOR A WASTE LICENCE

NOTICE IS HEREBY GIVEN in accordance with the provisions of the Waste Management Acts, 1996 to 2008 and Articles 5 and 7 of the Waste Management (Licensing) Regulations, 2004 (S.I. No. 395 of 2004) that Limerick Race Company PLC, Greenmount Park, Patrickswell, Co. Limerick are applying to the Environmental Protection Agency (EPA) for a Waste Licence for the recovery of inert material on a site at the Former Race Course, Greenpark, Dock Road, Limerick, which is located at National Grid Reference E155649 N155493.

The proposed works involve the acceptance of 343,200 Tonnes per annum of non hazardous inert material (Construction & Demolition Waste) and its recovery, by spreading material over the site area, with a consequential benefit for improving the land for commercial and residential use.

The relevant Waste Recovery Activities, as per the Fourth Schedule of the Waste Management Acts 1996 to 2008 and the Waste Management (Licensing) Regulations 2004 (S.I. No. 395 of 2004) to which this application relates are:-

Fourth Schedule - Waste Recovery Activities:

Principle Activity -

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, Johnstown Castle Estate, County Wexford.

Site Notice Location Drawing

Please Refer to Drawing Booklet for Site Notice Location Drawing

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

Attachment B7

Principle activity and brief technical description of each of the other activities specified

The class/classes of activity (in accordance with the Fourth Schedule to the Waste Management Acts 1996 to 2008), to which this Waste Licence Application relates are presented below.

The 'Principle Activity' to be undertaken is covered by: Class 4 of the Fourth Schedule of the Waste Management Acts 1996 - 2008:

"Recycling or reclamation of other inorganic materials":

This application concerns the continuing (as it will replace Limerick City Council Waste Permit 08 03) recovery/reclamation of non-hazardous inert material (i.e. construction & demolition waste) and its recovery, by spreading the material over the site area, with a consequential benefit for improving the land for commercial and residential use.

The proposed activities are also covered by:

Class 13 of the Fourth Schedule of the Waste Management Acts 1996 - 2008:

"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".

This activity allows for the storage of incoming non-hazardous/inert material (i.e. construction & demolition waste) before it is reclaimed by spreading the material over the site area.

Section C
Management of The Facility

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

Attachment C2

Proposed Environmental Management System

Environmental Management System

An Environmental Management System (EMS) has not yet been developed for the facility. Limerick Race Company PLC. will establish and maintain an EMS should the EPA Waste Licence (once/if granted) for the facility require one.

If required, the EMS will be developed by the procedures specified in EN ISO 14001:2004 Environmental Management Standards.

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

Attachment C3

Hours of Operation

Proposed Hours of Operation

- a) 8.00am to 6.00pm - Monday to Friday
9am to 4.00pm - Saturday
Closed - Sundays & Bank Holidays

- b) Proposed Hours of Waste Acceptance/Handling:
8.30am to 5.30pm - Monday to Friday
9.30am to 3.30pm - Saturday
Closed - Sundays & Bank Holidays

The difference between the 'Proposed Hours of Operation' and the 'Proposed Hours of Waste Acceptance/Handling' reflect the time allowed for set-up and clean-up works each day.

- c) There are no other relevant hours of operation known to date. Approval shall be sought from the EPA should any other hours of operation become apparent, other than those listed above.

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

Section G
Resource use and Energy Efficiency

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

Attachment G1

Technical Competence and Site Management

- The only fuels required at the proposed Waste Licence Site will be Diesel and Hydraulic Oil. Temporary storage of oil and diesel for plant machinery will be required for the duration of the construction period. All fuels will be stored in a secure bunded facility. The filling and take off points will be located within the bunded areas. The bunds will protect against accidental tank rupture and will ensure that any spilled oil can be retained for subsequent disposal to an appropriate outlet such as a waste oil recycler.
- Water will be provided to the facility (Portocabin) by tanker, and stored in a holding tank.
- All Inert Materials (construction & demolition waste) concrete blocks etc. accepted at the facility will be Recovered/reclaimed, by being spread out over the site. There will be no 'Product Materials' produced by this recovery/reclamation process.
- No chemicals (e.g. Insecticides, Herbicides, Rat Poisons, Cleaning Agents, Water Treatment Chemicals, Cooling Water/Boiling Water Additives, Laboratory Chemicals, etc.) will be required or accepted at the facility.

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

Section H
Materials Handling

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

Attachment H2

Waste Acceptance Procedures

The Deputy Facility Manager will inspect each load, as it is being deposited, to ensure the material is fully compliant with the Waste Licence. If the material is non-compliant, the Deputy Facility Manager will insist that the material is reloaded onto the haulage truck and removed from the site, for authorised disposal elsewhere.

Once the haulage trucks deposit their material, the excavator/bulldozer will shift the inert material, from where it is deposited by the haulage trucks, and will spread it over the area of the deposition site, in compliance with the Waste Licence Application Drawings. If waste objects are identified within the inert material (whilst shifting/reclaiming the material), which are not compliant with the Waste Licence (e.g. pieces of wood, plastic, metal), they will be removed and transported to the Waste Quarantine Area.

The Deputy Facility Manager will keep a record of all material arriving at the facility, including the following information:

- Date;
- Time;
- Owner Truck;
- Truck Licence Plate No.;
- Type of Material;
- Origin of Material;
- Quantity of Material;

The Deputy Facility Manager on the Waste Licensed site will have a record of the capacity of each of the trucks, which will allow him to keep an accurate record of volumes/quantities of inert materials (construction & demolition waste) concrete blocks etc. being accepted at the facility on a daily basis.

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

Attachment H3

Waste Handling

The Waste Facility proposed under this Licence Application, is a very simple Material Recovery Facility. The only Waste Handling involved will be by the Deputy Facility Manager. On arrival, the haulage trucks will deposit the material and the Deputy Facility Manager will inspect each load, as it is being deposited, to ensure the material is fully compliant with the Waste Licence. If the material is non-compliant, the Deputy Facility Manager will insist that the material is reloaded onto the haulage truck and removed from the site, for authorised disposal elsewhere.

Once the haulage trucks deposit their material, the excavator/bulldozer will shift the inert material, from where it is deposited by the haulage trucks, and will spread it over the area of the deposition site, in compliance with the Waste Licence Application Drawings. If waste objects are identified within the inert material, whilst shifting/reclaiming the material, which are not compliant with the Waste Licence (e.g. pieces of wood, plastic, metal), they will be removed and transported to the Waste Quarantine Area.

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

Attachment H4

Waste Arisings

The only Waste Arisings at the facility subject to this Waste Licence Application will be those materials moved to/stored in the Waste Quarantine Area (e.g. wood, plastics, metals, etc.) and wastes from the facility Portocabin (office, canteen & store).

The wastes from the Quarantine Area will be removed by authorised Waste Collection Permit Holders for disposal or recovery to authorised waste facilities.

The waste arisings from the Portocabin are expected to be quite small, due to the limited nature of the operation. All wastes in the Portocabin will be divided into 'Recyclable Waste' and 'Landfill Waste' and appropriately disposed of/recovered.

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

Section J
Accident Prevention & Emergency Response

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

Accident Prevention and Emergency Response

The Material Recovery Facility will be operated in compliance with the latest Health & Safety Regulations. In relation to 'Accident Prevention and Emergency Response', there are 2 contingencies that must be allowed for:

1. Accidental fuel spillage;
2. Fire within the facility.

Notification:

In the event of an emergency the following are to be notified.

1. Fire Services - in the event of a fire or a significant fuel spillage or serious accident involving mobile plant;
2. Ambulance Services/Medical Team - should there be a threat to human life or serious injury;
3. Gardai - In the event of fire, explosion or road accident;
4. Senior Personnel -
5. Environmental Protection Agency;
6. Fisheries Board - should there be any threat to watercourses in the area of the spillage.

Control of Operations:

In the event of any Accident/Emergency, the Deputy Facility Manager will take control.

Communications:

It is essential that the following communication systems are available for priority usage during an emergency:

1. Fire Services Radio Link;
2. Garda Radio Link;
3. Ambulance Services Radio Link - linking the mobile units to the medical officers and the hospital;
4. Private lines - either landlines or mobile phones to enable contact between all parties concerned and their respective headquarters.

Response Procedures:

1. Accidental fuel spillage:

Temporary storage of oil and diesel for plant machinery will be required for the duration of the construction period. All fuels will be stored in a secure bunded facility. The filling and take off points will be located within the bunded areas. The bunds will protect against accidental tank rupture and will ensure that any spilled oil can be retained for subsequent disposal to an appropriate outlet such as a waste oil recycler.

In the event of a threat to surface water the following is to be implemented:

- Inform the Fisheries Board and the EPA;
- Contain any spillage within the perimeter drain locally, by damming with excavated material or booms;
- Pump water held back by the dams into tanker or lined cell;
- Detect source and carry out necessary remedial works;
- Monitor situation hourly until threat is removed.

In the event of a threat to groundwater:

- Inform the EPA;
- Detect source and carry out necessary remedial works;
- Monitor situation daily until threat is removed.

In the event of a threat to outside the site:

- Detect source;
- Inform the EPA;
- Monitor extent of contamination;
- Inform public if risk is posed;
- Take appropriate action to alleviate situation.

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

2. Fire in the Facility:

- Fire within site confines;
- Call Fire Services;
- On arrival of Fire Services liaise with fire officer and follow his directions.

Fire in incoming vehicle:

- Call Fire Services;
- Instruct driver to unload at Inspection Area;
- Initiate on site fire drill;
- On arrival of Fire Services liaise with fire officer and follow his directions.

Fire outside boundary but adjacent to facility:

- Call Fire Services and direct to scene;
- On arrival of Fire Services liaise with Fire Officer and monitor closely for risk of fire spread into facility;

Explosion:

- Evacuate immediate area;
- Call Fire Services, Ambulance Services, Medical team in the event of fire or serious injury;
- Close main gate to incoming traffic;

The Deputy Facility Manager will have to take precautions at their facility in regard to fire abatement, response, training and awareness.

These include:

- To provide and maintain suitable fire extinguishers in the Portocabin and site plant;

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

- Fire Safety Systems - telephone numbers of local fire, police and hospital are posted at head height on the wall in the site office;
- Emergency Response Procedures;
- Fire Prevention and Containment Design Features.

An Emergency Plan will be developed by Roadbridge Ltd. which will address all aspects of Accident Prevention and Emergency Response.

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

Section L
Statutory Requirements

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

Attachment L

Statutory Requirements

We consider that the requirements of Section 40(4)[(a) to (i)] of the Waste Management Acts 1996 to 2008, have been met in this Waste Licence Application.

The requirements of Section 40(4)[(a) to (i)] of the Waste Management Acts 1996 to 2003, will be dealt with as follows:

Section 40 - Grant of Waste Licence

(4) The Agency shall not grant a waste licence unless it is satisfied that:

(a) Any emission from the recovery or disposal activity in question ("the activity concerned") will not result in the contravention of any relevant standard, including any standard for an environmental medium, or any relevant emission limit value, prescribed under any other enactment.

Section E of this application includes the provision for all emissions from this facility.

There are no proposed emissions to sewers from the filling process.

The discharge to surface water will be controlled to ensure that the risk of excessive soil run-off and siltation of existing water courses will be minimised. Appropriate bunded storage of fuel and refuelling of vehicles will be undertaken within controlled areas will be undertaken.

There are no emissions to groundwater from the filling process.

Noise emissions will be resultant from the plant on site and the operation hours and appropriate noise and vibration control measures such as dampening of plant will be undertaken to ensure that the impact on sensitive receptors is minimised.

Dust will be controlled in accordance with the dust minimisation plan and will include cleaning and maintenance of roads, speed restrictions on site vehicles, covering of trucks delivering to site, the use of a wheel wash and watering down of surfaces during dry or windy periods

(b) The activity concerned, carried on in accordance with such conditions as may be attached to the licence, will not cause environmental pollution.

The site is currently operated under a waste permit which issued from Limerick City Council (WP 08/03). This was granted on 8th July 2008.

It is considered that with appropriate site management there will be no risk of environmental pollution arising from the filling of this facility.

(bb) If the activity concerned involves the landfill of waste, the activity, carried on in accordance with such conditions as may be attached to the licence will comply with Council Directive 1999/31/EC on the Landfill of Waste.

The licence application is for recovery of subsoil only.

(c) The best available technology not entailing excessive costs will be used to prevent or eliminate or, where that is not practicable, to limit, abate or reduce an emission from the activity concerned.

The activities proposed in this Waste Licence Application follow a simple process (the acceptance of inert material and the spreading of this material over the site to a depth of 1.5 to 2m, to allow for the future development of the site.

The best available technology, not entailing excessive costs will be used in the development of the 'Treatment, Abatement and Control Systems', to limit, abate or reduce emissions from the facility.

(cc) The activity concerned is consistent with the objectives of the relevant waste management plan or the hazardous waste management plan, as the case may be, and will not prejudice measures taken or to be taken by the relevant local authority or authorities for the purpose of the implementation of any such plan.

The Hazardous Waste Management Plan is not relevant to this application.

The activity concerned is consistent with the objectives of 'Limerick City Development Plan 2004-2010' and the lands are zoned for residential, general purpose and leisure activities.

The raising of the site levels is required for the development of the lands with a view to minimising risk of flooding of properties.

(d) If the applicant is not a local authority, the corporation of a borough that is not a county borough, or the council of an urban district, subject to subsection (8), he or she is a fit and proper person to hold a waste licence.

This sub-section will be dealt with in Section L.2 of the Waste Licence Application below.

(e) The applicant has complied with any requirements under Section 53.

This sub-section (relating to 'Financial Provisions') will be dealt with in Section L.2 of the Waste Licence Application below.

As the process for the filling of the site is a simple low energy process it is not envisaged that energy efficiency will not be a significant issue on the filling of the site.

(g) Any noise from the activity concerned will comply with, or will not result in the contravention of, any regulations under Section 106 of the Act of 1992.

Refer to Section 12 of the EIS

It is not anticipated that there will be any impact on sensitive receptors with regard to noise and vibration due to the restricted working hours on the site and the use of appropriate noise and vibration control measures to be adopted for the site plant.

(h) Necessary measures will be taken to prevent accidents in the carrying on of the activity concerned and, where an accident occurs, to limit its consequences for the environment

'Accident Prevention & Emergency Response' is dealt with in Section J

(i) Necessary measures will be taken upon the permanent cessation of the activity concerned (including such a cessation resulting from the abandonment of the activity to avoid any risk of environmental pollution and return the site of the activity to a satisfactory state.

Due to the simple process of Material Recovery proposed for the facility, very little remediation or decommissioning will be required.

The site is zoned for development and has current planning permissions for housing and for a greyhound stadium. 2 planning applications for housing developments are in the planning process.

Accident Prevention and Emergency Response

The Material Recovery Facility will be operated in compliance with the latest Health & Safety Regulations. In relation to 'Accident Prevention and Emergency Response', there are 2 contingencies that must be allowed for:

1. Accidental fuel spillage;
2. Fire within the facility.

Notification:

In the event of an emergency the following are to be notified.

- 1 Fire Services - in the event of a fire or a significant fuel spillage or serious accident involving mobile plant;
2. Ambulance Services/Medical Team - should there be a threat to human life or serious injury;
3. Gardai - In the event of fire, explosion or road accident;
4. Limerick City Council – Environment Section
- 5 Senior Personnel – Facility Manager and Design Team
- 6 Environmental Protection Agency;
- 7 Fisheries Board - should there be any threat to watercourses in the area of the spillage.

Control of Operations:

In the event of any Accident/Emergency, the Facility Manager will take control.

Communications:

It is essential that the following communication systems are available for priority usage during an emergency:

1. Fire Services Radio Link;
2. Garda Radio Link;
3. Ambulance Services Radio Link - linking the mobile units to the medical officers and the hospital;
4. Private lines - either landlines or mobile phones to enable contact between all parties concerned and their respective headquarters.

Response Procedures:

1. Accidental fuel spillage:

Fuel storage will be provided with appropriate bunding. The fuel storage area will be contained within a hard stand area with appropriate drainage and interceptor provision. Accidental spillage during refuelling will be catered for within the drainage system.

In the event of a larger fuel spillage, either from the site plant or refuelling tanker, the emergency procedures listed below will be followed:

In the event of a threat to surface water the following is to be implemented:

- Inform the Fisheries Board and the EPA;
- Contain any spillage within the perimeter drain locally, by damming with excavated material or booms;
- Pump water held back by the dams into tanker or lined cell;
- Detect source and carry out necessary remedial works;
- Monitor situation hourly until threat is removed.

In the event of a threat to groundwater:

- Inform the EPA;
- Detect source and carry out necessary remedial works;
- Monitor situation daily until threat is removed.

In the event of a threat to outside the site:

- Detect source;
- Inform the EPA;
- Monitor extent of contamination;
- Inform public if risk is posed;
- Take appropriate action to alleviate situation.

2. Fire in the Facility:

- Fire within site confines;
- Call Fire Services;
- On arrival of Fire Services liaise with fire officer and follow his directions.

Fire in incoming vehicle:

- Call Fire Services;
- Instruct driver to unload at Inspection Area;
- Initiate on site fire drill;
- On arrival of Fire Services liaise with fire officer and follow his directions.

Fire outside boundary but adjacent to facility:

- Call Fire Services and direct to scene;
- On arrival of Fire Services liaise with Fire Officer and monitor closely for risk of fire spread into facility;

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

The Facility Manager will have to take precautions at their facility in regard to fire abatement, response, training and awareness.

These include:

- To provide and maintain suitable fire extinguishers in the Portocabin and site plant;
- Fire Safety Systems - telephone numbers of local fire, police and hospital are posted at head height on the wall in the site office;
- Emergency Response Procedures;
- Fire Prevention and Containment Design Features.

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

Attachment L2 Fit and Proper Person

The Applicant – Limerick Race Company PLC is a 'Fit & Proper Person', complying with all of the requirements of Section 40(7) of the Waste Management Acts 1996 to 2008' Each of the requirements of Section 40(7) of the Waste Management Acts 1996 to 2008, will be dealt with below.

Section 40 - Grant of Waste Licence

**(7) For the purpose of this Part, a person shall be regarded as a fit and proper person if -
(a) Neither that person nor any other relevant person has been convicted of an offence under this Act prescribed for the purposes of this subsection;**

The applicant (Limerick Race Company PLC) has not been convicted of an offence under the Waste Management Acts 1996 to 2008, the EPA Act 1992 and 2003, the Local Government (Water Pollution) Acts 1977 and 1990 or the Air Pollution Act 1987.

(b) In the opinion of the Agency, that persons or, as appropriate, any person or persons employed by him or her to direct or control the carrying on of the activity to which the waste licence relate has or have the requisite technical knowledge or qualifications to carry on that activity in accordance with the licence and the other requirements of this Act.

Limerick Race Company PLC will nominate an appropriate contractor for each of the phases of the filling of the site. Phase 1 is currently being filled in accordance with the existing waste permit. The contractor which has been appointed for Phase 1 is Roadbridge Ltd.

Roadbridge Ltd. are one of the largest civil engineering companies operating in Ireland and have a strong environmental and safety record. Their clients include local authorities throughout the country.

The Phase 1 site is currently managed by Eamonn Kirby, Site Engineer. The site is currently project managed by JJ Casey, Project Management.

The additional phases of filling of the site will be undertaken by appropriately vetted contractors. Michael Punch & Partners, Consulting Engineers will be party to the determination of the suitability of the contractors. This will be undertaken by Sinead Kennedy, Regional Director. Sinead has previously worked with Limerick County Council as Landfill Engineer at Gortadroma Landfill and has completed both IEI Waste Management Course and has also undertaken the FAS Waste Management Training for Facility Managers.

(c) In the opinion of the Agency, that person is likely to be in a position to meet any financial commitments or liabilities that the Agency reasonably considers will be entered into or incurred by him or her in carrying on the activity to which the waste licence will relate in accordance with the terms thereof or in consequence of ceasing to carry on that activity.

Limerick Race Company PLC are in a position to meet any financial commitments or liabilities that the Agency reasonably considers will be entered into or incurred in carrying on the activity to which the waste licence will relate in accordance with the terms thereof or in consequence of ceasing to carry on that activity.

A letter from the applicants bank is awaited and will be submitted on receipt

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