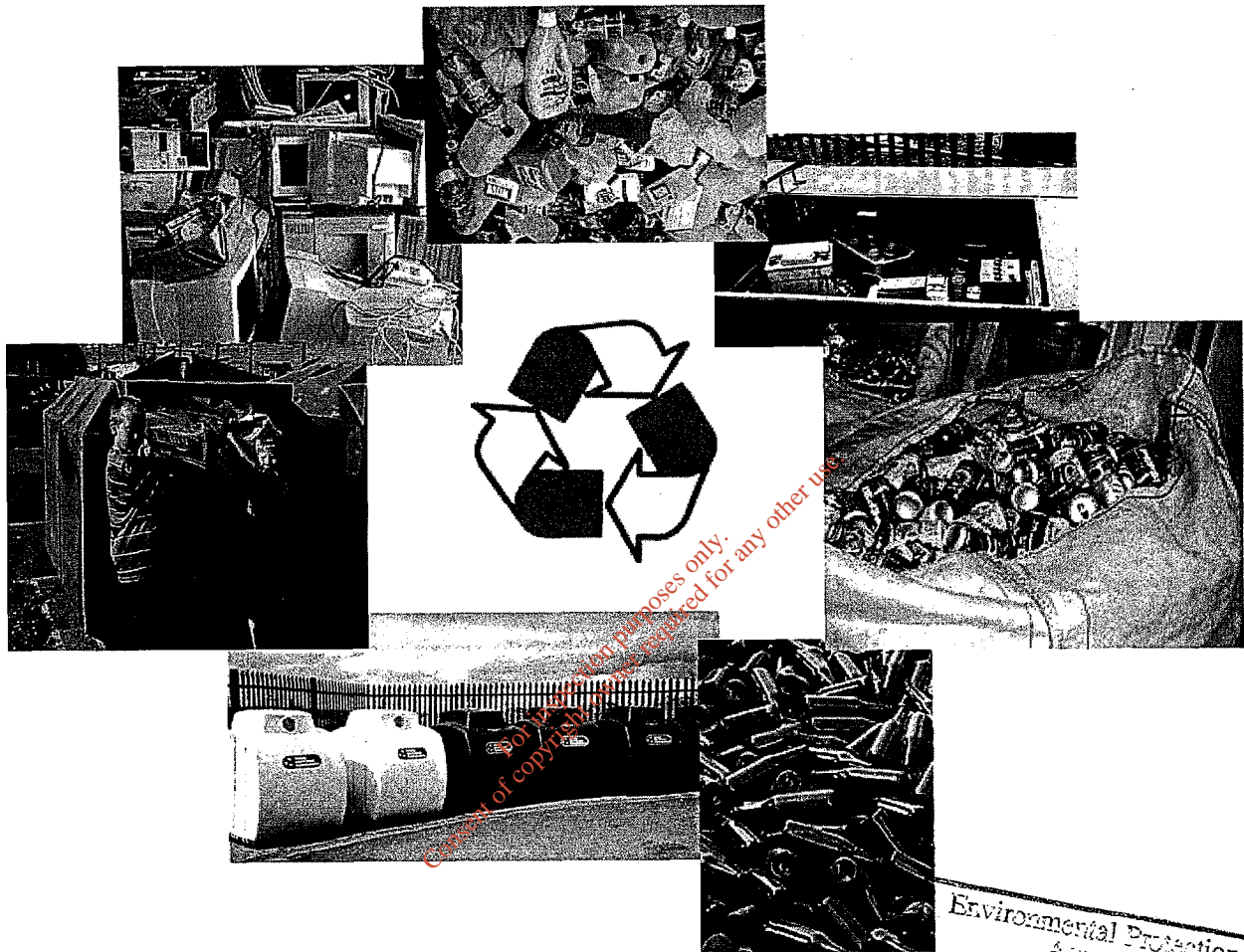


Dublin City Council  
Comhairle Cathrach Bhaile Átha Cliath

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**WASTE LICENCE APPLICATION**  
**LABRE PARK CIVIC AMENITY SITE**  
**BALLYFERMOT, DUBLIN 10**

Environmental Protection Agency  
Waste Licensing  
Received 22 JUL 2005  
Initials: *DB*

**VOLUME 2- ATTACHMENTS**

**JULY 2005**



CONSULTING ENGINEERS

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**ATTACHMENT A.1 NON-TECHNICAL SUMMARY**

This non-technical summary is prepared in accordance with Article 12(1)(u) of the Waste Management (Licensing) Regulations S.I. 395 of 2004

**Article 12(1)**

- (a) The name, address and contact details of the applicant are:  
Dublin City Council,  
Waste Management Services,  
68-70 Marrowbone Lane,  
Dublin 8.  
Tel: 01-22243  
Fax: 01-4544830
- (b) The planning authority in whose functional area the activity will be carried out on is Dublin City Council. An application for planning permission has been sent to An Bord Pleanála.
- (c) The sanitary authority relevant to the proposed facility is the Drainage Department of Dublin City Council.
- (d) The location of the proposed facility is Labre Park, Ballyfermot, Dublin 10. The National Grid Reference for the proposed facility is E3099, N2325
- (e) The proposed development is a Civic Amenity Facility. The site will cover an entire area of approximately 11,053m<sup>2</sup> and will include a number of distinct areas as follows:
- o General civic amenity and green waste deposit area – 4,412m<sup>2</sup>
  - o Waste electrical and electronic equipment storage area - 435m<sup>2</sup>
  - o Construction/demolition deposit area – 985m<sup>2</sup>
  - o DCC Street Cleansing deposit area – 1,010m<sup>2</sup>
  - o Remainder (entrance road and entrance area) – 4,211m<sup>2</sup>
- The facility will provide a flat yard area to allow members of the public to dispose of domestic recyclable materials, green waste and Civic Amenity bulky wastes in a responsible and controlled manner.
- (f) The relevant activities to which this application relates as specified in the Third and Fourth Schedule of the Waste Management Acts 1996 to 2003 are detailed below.

The **Principle Activity** to be carried out at the site is **Class 13, Fourth Schedule**. This is defined as:

**“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.”**

The Civic Amenity Site will provide for the collection of recyclable materials such as glass, plastics, beverage cans and textiles. The facility will also cater for the collection of construction and demolition waste derived from households, household hazardous waste and other bulky wastes. The recyclable materials will be stored on site in sealable

containers prior to being collected by permitted waste collection contractors and taken off site for recovery. Designated containers will also be provided to facilitate the collection of separate organic waste, i.e. green waste, hedge clippings, tree clippings, etc. Green waste will also be compacted on-site prior to being shipped off-site for recycling.

The development is also covered under the following Classes:

**Third Schedule, Class 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."**

The operation of the facility will involve the temporary storage of residual domestic waste prior to its dispatch from the site to alternative waste disposal facilities. Waste from the street cleaning vehicles will also be temporarily stored on-site prior to removal off site for disposal.

**Fourth Schedule, Class 3- "Recycling or reclamation of metals and metal compounds."**

Designated containers will be provided for the collection of bulky metals e.g. old bicycles, steel frames, copper piping, etc. A separate container for beverage cans will also be provided.

**Fourth Schedule, Class 4- "Recycling or reclamation of other inorganic materials."**

Designated containers will be provided for the collection of inorganic materials, such as construction and demolition waste derived from household renovations, conversions, etc.

- (g) The following is the quantity and nature of the waste which will be recovered at the proposed facility:

Waste Type	Tonnes per annum	EWC Code <sup>1</sup>
Household Waste	17,858	20 03 01
Commercial Waste	10,000	20 03 01
Construction and Demolition Waste	6,000	17 00 00
Waste Oil	20	20 01 09
Oil Filters	5	20 01 27
Paint & Ink	5	20 01 12
Batteries	100	20 01 20
Fluorescent Light Bulbs	2	20 01 21
WEEE <sup>2</sup>	10	20 01 24

- (h) Electricity will be required for the weighbridge, the control building, site lighting and the waste compactors. Water will be required for the site office and site cleaning. Fuel will be required for the front end loaders and other waste handling vehicles. The estimated rates of usage are as outlined below.

<sup>1</sup> European Waste Catalogue Codes

<sup>2</sup> Waste Electrical & Electronic Equipment

Material/Resource	Annual Usage per Annum	Amount Stored
Diesel	5,000litres	500litres
Electricity	40,000 units	None
Water	1,200 m <sup>3</sup>	None

(i) It is proposed that the site will have four main functions as follows:

- Civic Amenity Facility
- Deposit area/depot for Dublin City Council street cleansing vehicles
- Storage area for waste electrical and electronic equipment
- Construction and demolition rubble / bulky goods deposit area

The following materials will be deposited at the site:

*Recyclables:*

- Green, brown and clear glass jars and bottles
- Paper and cardboard
- Ferrous and non-ferrous metals (including beverage cans)
- Plastics (PET, HDPE, plastic film)
- Textiles and clothing
- Batteries (car and domestic)
- Fluorescent tubes (domestic)
- Mobile phones and batteries

Civic Amenity/bulky waste is the type of waste that cannot be easily collected in the course of normal domestic collections because of size or composition or it is difficult to dispose of. This type of waste may include some recyclable elements, which can be bulked up for further treatment or otherwise disposed of safely. This type of waste includes:

- Bulky waste – typically furniture (brown goods), mattresses, carpets, timber products or household DIY waste
- DIY materials – rubble/soil, timber, scrap metal
- Household chemical waste (e.g. paint, bleach, batteries, fluorescent tubes)
- Waste oil
- Waste electrical and electronic equipment
- Household electronic goods – TV's, computers, screens, stereos
- White goods – refrigerators, freezers, washing machines etc.
- Green Waste - includes cuttings from trees, shrubs, hedges and grass.

To ensure correct segregation, materials will be collected in separate receptacles/ waste deposit areas. All waste deposited will be removed from the site for further processing. Typically these vehicles will visit the site outside normal operational hours and to minimise disruption to the operation of the site.

Dublin City Council will have an area for their street cleansing vehicles to deposit waste collected in the area. The contents will be deposited to a compactor located in this area. There will also be an area used for the bulk storage of waste electrical and electronic equipment before they are moved elsewhere for reprocessing. There will also be an area within the site which will be used by 8-10 members of the Travelling Community resident in Labre Park, who are legally engaged in the collection of C&D rubble and household bulky waste.

- (j) In all aspects of the management of the Civic Amenity Site are committed to the principle of 'Best Available Techniques (BAT). At present, there are no EPA guidelines concerning BAT in the operation of Civic Amenity Sites, but guidelines for facilities such as Transfer/ Recycling Facilities are available and will be central to the operation of this development when available. In the meantime, the principle of BAT will be applied in the following manner:
- All waste collection operations will take place on hardstand areas with any hazardous waste materials being collected in bunded containers. All the containers will be sealable, and the storage of recyclable materials on-site will be to a minimum time period. Thus limiting emissions to the surrounding environment;
  - All equipment will be manufactured to the highest modern standards by a reputable manufacturer, incorporating elements such as a high degree of power efficiency and noise abatement;
  - The site will be kept clean at all times and there will be regular checks for any evidence of litter outside the main building;
  - All the foul wash water generated during daily activities, i.e. daily cleansing of the hardstand areas and the compaction units, will be collected and either discharged following attenuation and interception or will be diverted to the existing foul sewer,
  - The site will landscaped in a manner appropriate to the area; and
  - The facility is consistent with the objectives of the Waste Management Plan for the Dublin Region and the National Hazardous Waste Management Plan;

- (k) The principal emissions that will be generated from the site are surface water runoff from the cleaning of the majority of the hardstand areas, foul water from the Street Cleaning Area and the facility office and possibly some noise from the compactors, cars and the general public depositing recyclable materials and lorries collecting full containers. Any foul wash water generated will be collected and directed to the existing foul water sewer.

The surface water run-off collected by the gullies will be directed to an attenuation tank and flow control device. After this the run-off will enter a grit trap and oil interceptor, and then finally discharged in a controlled manner to the adjacent stream.

There may be some noise emissions from the vehicles collecting full containers and from the residual waste compaction units. There will also be the noise generated by the coming and going of public vehicles bringing recyclable waste.

- (l) It is not envisaged that any of the emissions from the site will have a significant impact on any potential receptors. The nature of the noise emissions is such that it is unlikely that any neighboring properties will be impacted by the operation, although a register of complaints will be kept as part of the overall management of the site, and any complaints received will be acted on promptly and be recorded in the Annual Environmental Report.

There will also an emission of foul wash water and surface water run-off. It is unlikely that these emissions will cause any significant effect on the environment.

- (m) Figure F1 of the Waste Licence Application Attachments shows the proposed monitoring and sampling points. It is proposed to monitor/sample noise, dust, surface water, ground water and foul water.
- (n) Waste paper generated in the site office will be re-used as much as possible. All reports will be double sided and will be printed on recycling paper. Recyclables generated in the

site office, such as beverage cans, bottles, etc., will be brought to the relevant receptacle on-site.

- (o) There will be no waste generated from the activity itself. However, waste from the on-site office will be disposed of in the on-site compactor. All other was collected on-site will be removed by licensed waste contractors for disposal/treatment.
- (p) Unauthorised emissions of surface water run-off will be prevented by the attenuation and flow control infrastructure. Unexpected emissions, such as those following a fire, will be minimised by collecting fire water in the surface water collection network. The collected firewater will be contained in the attenuation tank and will only be discharged to the adjacent stream if it is safe to do so.
- (q) Because the development will have an indeterminable lifetime, it is not possible, at this stage, to present detailed plans for the post-closure phase. However, as there will be no long-term storage of waste or other materials on the site, it is envisaged that no special measures will be required
- (r)-(t) These paragraphs are not relevant to the proposed development.

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Legend:

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Notes:

- 1. Figured Dimensions only to be taken from this drawing
- 2. All Drawings to be checked by the Contractor on site
- 3. Engineer to be informed of any discrepancies before any work commences
- 4. All levels relate to Ordnance Survey Datum at Malin Head

Rev. No.	date	ini

Client	date	ini



Project  
**LABRE PARK CIVIC AMENITY SITE**

Drawing Title  
**SITE LOCATION**

Scale 1/10000 (A3)	Checked by ST	Date MARCH 2005
Drawn by MARK CONROY		

ENGINEER IN CHARGE:  
**TES**  
UNIT 10A, BLUEBELLETTOWN CORPORATE PARK, DUBLIN 14, IRELAND. TEL: 01 8565441 FAX: 01 8564410 www.teres-engineers.com

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Rev.					

