



WASTE LICENCE

CIVIC AMENITY FACILITY **Recommended Decision**

Waste Licence	221-1
Register Number:	
Licensee:	Dublin City Council
Location of Facility:	Labre Park, Ballyfermot, Dublin 12

INTRODUCTION

This introduction is not part of the licence and does not purport to be a legal interpretation of the licence.

This licence is for the operation of a new Civic Amenity (CA) Centre at Labre Park, Ballyfennot, Dublin 12.

The quantity of waste to be accepted at the facility is limited to 34,000 tonnes of waste per annum (green waste 10,000 tonnes, street cleansing waste 10,000 tonnes, CA recyclables/ household bulky waste 6,000 tonnes, C&D and bulky waste 6,000 tonnes and waste electrical and electronic equipment 2,000 tonnes).

Waste will be sorted, packaged and compacted at the facility prior to disposal off site. Receptacles will be provided for collection/storage of various recyclable wastes such as bottles, metals, white goods, textiles which will be sent from the site for further processing.

The facility is also licensed to accept a limited quantity of household hazardous waste (e.g. waste oil, fluorescent tubes and batteries).

The licensee must manage and operate the facility to ensure that the activities do not cause environmental pollution. The licensee is required to carry out regular environmental monitoring and submit all monitoring results, and a wide range of reports on the operation and management of the facility to the Agency.

The licence sets out in detail the conditions under which Dublin City Council is required to operate and manage this facility.

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Glossary of Terms

All terms in this licence should be interpreted in accordance with the definitions in the Waste Management Acts 1996 to 2005, (the Acts), unless otherwise defined in this section.

Aerosol	A suspension of solid or liquid particles in a gaseous medium.
Adequate lighting	20 lux measured at ground level.
Agency	Environmental Protection Agency
Agreement	Agreement in writing.
Annually	At approximately twelve monthly intervals.
Attachment	Any reference to Attachments in this licence refers to attachments submitted as part of the waste licence application.
Application	The application by the licensee for this waste licence.
Appropriate facility	A waste management facility, duly authorised under relevant law and technically suitable.
BAT	Best Available Technology as defined in Article 2(11) of Council Directive 96/61/EC concerning integrated pollution prevention and control.
Bi-annually	All or part of a period of six consecutive months.
Bioaerosol	An aerosol of biological particles
Biodegradable waste	Any waste that is capable of undergoing anaerobic or aerobic decomposition, such as food, garden waste, sewage sludge, paper and paperboard.
Commercial Waste	As defined in Section 5(1) of the Waste Management Acts 1996 to 2003.
Condition	A condition of this licence.
Consignment Note	All movements of hazardous waste within Ireland must be accompanied by a "C1" consignment note issued by a local authority under the Waste Management (Movement of Hazardous Waste) Regulations (SI No. 147 of 1998). Transfrontier shipment notification and movement/tracking form numbers are required for all exports of waste from, into or through the state under the Waste Management (Transfrontier Shipment of Waste) Regulations (SI No. 149 of 1998).

Construction and Demolition Waste	Wastes that arise from construction, renovation and demolition activities: Chapter 17 of the EWC or as otherwise may be agreed.
Containment boom	A boom which can contain spillages and prevent them from entering drains or watercourses.
Daytime	8.00 a.m. to 10.00p.m.
Documentation	Any report, record, result, data, drawing, proposal, interpretation or other document in written or electronic form which is required by this licence.
Drawing	Any reference to a drawing or drawing number means a drawing or drawing number contained in the application, unless otherwise specified in this licence.
Emergency	Those occurrences defined in Condition 9.4.
Emission Limits	Those limits, including concentration limits and deposition levels established in <i>Schedule C: Emission Limits</i> , of this licence.
European Waste Catalogue (EWC)	A harmonised, non-exhaustive list of wastes drawn up by the European Commission and published as Commission Decision 2000/532/EC and any subsequent amendment published in the Official Journal of the European Community.
Green waste	Waste wood (excluding timber), plant matter such as grass cuttings, and other vegetation.
Hours of Operation	The hours during which the facility is authorised to be operational. The hours of operation of a facility are usually longer than the hours of waste acceptance to facilitate preparatory and completion works, such as the removal and laying of daily cover. Different activities within the facility, such as the civic waste facility, may have different hours of waste acceptance.
Hours of Waste Acceptance	The hours during which the facility is authorised to accept waste. Different activities within the facility, such as the civic waste facility, may have different hours of waste acceptance.
Industrial Waste	As defined in Section 5(1) of the Act.
Inert waste	Waste that does not undergo any significant physical, chemical or biological transformations. Inert waste will not dissolve, burn or otherwise physically or chemically react, biodegrade or adversely affect other matter with which it comes into contact in a way likely to give rise to environmental pollution or harm human health. The total leachability and pollutant content of the waste and the ecotoxicity of the leachate must be insignificant,

and in particular not endanger the quality of surface water and/or groundwater.

Landfill Directive	Council Directive 1999/31/EC
Licence	A Waste Licence issued in accordance with the Act.
Licensee	Dublin City Council
Liquid Waste	Any waste in liquid form and containing less than 2% dry matter. Any waste tankered to the facility.
Maintain	Keep in a fit state, including such regular inspection, servicing, calibration and repair as may be necessary to adequately perform its function.
Mobile Plant	Self-propelled machinery used for the emplacement of wastes or for the construction of specified engineering works.
Monthly	A minimum of 12 times per year, at approximately monthly intervals.
Municipal waste	As defined in Section 5(1) of the Act.
Night-time	10.00p.m. to 8.00 a.m.
Noise Sensitive Location (NSL)	Any dwelling house, hotel or hostel, health building, educational establishment, place of worship or entertainment, or any other facility or area of high amenity which for its proper enjoyment requires the absence of noise at nuisance levels.
Oil Separator	Device installed according to the draft European Standard prEN 858 (Installations for the separation of light liquids, e.g. oil and petrol).
Recyclable Materials	Those waste types, such as cardboard, batteries, gas cylinders, etc, which may be recycled
Quarterly	At approximately three monthly intervals.
Sanitary Authority	Dublin County Council
Sample(s)	Unless the context of this licence indicates to the contrary, samples shall include measurements by electronic instruments.
Specified Emissions	Those emissions listed in <i>Schedule C: Emission Limits</i> , of this licence.
Specified Engineering	Those engineering works listed in <i>Schedule B: Specified Engineering Works</i> , of this licence.

Works

Summer Months	In accordance with summer daylight-saving time
Temporary storage	In relation to waste is a period of less than six months as defined in the Waste Management Acts 1996 to 2003.
Trigger Level	A parameter value specified in the licence, the achievement or exceedance of which requires certain actions to be taken by the licensee.
Wastewater	Water that has been used, for washing, flushing or in a manufacturing process.
WEEE	As defined in S.I.No. 340 of 2005
Weekly	During all weeks of plant operation, and in the case of emissions, when emissions are taking place; with no more than one measurement in any one week.
White Goods	Refrigerators, cookers, ovens and other similar appliances.
Winter Months	In accordance with winter daylight-saving time

Decision & Reasons for the Decisions

Reasons for the Decision

The Agency is satisfied, on the basis of the information available, that subject to compliance with the conditions of this licence, any emissions from the activity will comply with and will not contravene any of the requirements of Section 83(5) of the Section 40(4) of the Waste Management Acts 1996 to 2005.

In reaching this decision the Environmental Protection Agency has considered the application and supporting documentation received from the applicant, all submissions received from other parties and the report of its inspector.

Part I Schedule of Activities Licensed

In pursuance of the powers conferred on it by the Waste Management Acts 1996 to 2005, the Environmental Protection Agency (the Agency) proposes, under Section 40(1) of the said Act to grant this Waste Licence to Dublin City Council to carry on the waste activity/activities listed below at below at Labre Park, Ballyfermot, Dublin 12, subject to conditions, with the reasons therefor and the associated schedules attached thereto set out in the licence.

Licensed Waste Disposal Activities, in accordance with the Third Schedule of the Waste Management Acts 1996 to 2005

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 was produced.
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Licensed Waste Recovery Activities, in accordance with the Fourth Schedule of the Waste Management Acts 1996 to 2005

Class 3.	Recycling or reclamation of metals and metal compounds
Class 4.	Recycling or reclamation of other inorganic materials
Class 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-Principal Activity

PART II CONDITIONS

CONDITION 1. Scope

- 1.1 Waste activities at this facility shall be restricted to those listed and described in Part I: Activities Licensed and shall be as set out in the licence application or as modified under Condition 1.5 of this licence and subject to the conditions of this licence.
- 1.2 Activities at this facility shall be limited as set out in Schedule A: Limitations.
- 1.3 The facility shall be controlled, operated, and maintained and emissions shall take place as set out in this licence. All programmes required to be carried out under the terms of this licence, become part of this licence.
- 1.4 For the purposes of this licence, the facility authorised by this licence, is the area of land outlined in red on Drawing No. 24014-001e of the application. Any reference in this licence to “facility” shall mean the area thus outlined in red. The licensed activities shall be carried on only within the area outlined.
- 1.5 No alteration to, or reconstruction in respect of, the activity or any part thereof which would, or is likely to, result in
 - (a) a material change or increase in:
 - The nature or quantity of any emission,
 - The abatement/treatment or recovery systems,
 - The range of processes to be carried out,
 - The fuels, raw materials, intermediates, products or wastes generated, or
 - (b) any changes in:
 - Site management infrastructure or control with adverse environmental significance, shall be carried out or commenced without prior notice to, and without the agreement of, the Agency.
- 1.6 This licence is for the purposes of waste licensing under the Waste Management Acts 1996 to 2005 only and nothing in this licence shall be construed as negating the licensee’s statutory obligations or requirements under any other enactments or regulations
- 1.7 With the exception of emergencies or as may be agreed by the Agency, waste shall only be accepted at or removed from the facility between the hours of 08:00 to 19:30 Monday to Friday inclusive and 09.30. to 16.30 on Saturdays during the summer months and between 08.00 to 16.30 Monday to Friday and 09.30 to 15.30 on Saturday during winter.
- 1.8 The facility shall only be operated between the hours 07.00 to 20:00 Monday to Friday inclusive and 08.30 to 17.00 on Saturdays during the summer months and between 07.00 to 17.00 Monday to Friday and 08.30 to 16.00 on Saturday during winter.
- 1.9 The facility shall not operate or despatch waste on Sundays or on Bank Holidays without the agreement of the Agency.
- 1.10 Having regard to the nature of the activity and arrangements necessary to be made or made in connection with the carrying on of the activity, the specified period for the purposes of Section 41(1) of the Waste Management Acts 1996 to 2005, is 5 years.

Reason: To clarify the scope of this licence.

CONDITION 2. Management of the Facility

2.1 Facility Management

2.1.1 The licensee shall employ a suitably qualified and experienced facility manager who shall be designated as the person in charge. The facility manager or a nominated, suitably qualified and experienced, deputy shall be present on the facility at all times during its operation or as otherwise required by the Agency.

2.1.2 The licensee shall ensure that personnel performing specifically assigned tasks shall be qualified on the basis of appropriate education, training and experience, as required and shall be aware of the requirements of this licence. In addition, the facility manager and his/her deputy shall successfully complete FAS waste management training programme or equivalent agreed with the Agency.

2.2 Environmental Management System (EMS)

2.2.1 The licensee shall establish and maintain an Environmental Management System (EMS) within six months of the date of grant of this licence. The EMS shall be updated on an annual basis.

2.2.2 The EMS shall include as a minimum the following elements:

2.2.2.1 Management and Reporting Structure.

2.2.2.2 Schedule of Environmental Objectives and Targets.

The licensee shall prepare a Schedule of Environmental Objectives and Targets. The Schedule shall as a minimum provide for a review of all operations and processes, including an evaluation of practicable options, for energy and resource efficiency, the use of cleaner technology, cleaner production, and the prevention, reduction and minimisation of waste, and shall include waste reduction targets. The Schedule shall include time frames for the achievement of set targets and shall address a five year period as a minimum. The Schedule shall be reviewed annually and amendments thereto notified to the Agency for agreement as part of the Annual Environmental Report (AER).

2.2.2.3 Environmental Management Programme (EMP)

The licensee shall, not later than six months from the date of grant of this licence, submit to the Agency for agreement an EMP, including a time schedule, for achieving the Environmental Objectives and Targets prepared under Condition 2.2.2.2. Once agreed the EMP shall be established and maintained by the licensee. It shall include:

- (a) designation of responsibility for targets;
- (b) the means by which they may be achieved;
- (c) the time within which they may be achieved.

The EMP shall be reviewed annually and amendments thereto notified to the Agency for agreement as part of the Annual Environmental Report (AER).

A report on the programme, including the success in meeting agreed targets, shall be prepared and submitted to the Agency as

part of the AER. Such reports shall be retained on-site for a period of not less than seven years and shall be available for inspection by authorised persons of the Agency.

2.2.2.4 Documentation

- (a) The licensee shall establish and maintain an environmental management documentation system which shall be to the satisfaction of the Agency.
- (b) The licensee shall issue a copy of this licence to all relevant personnel whose duties relate to any condition of this licence.

2.2.2.5 Corrective Action

The licensee shall establish procedures to ensure that corrective action is taken should the specified requirements of this licence not be fulfilled. The responsibility and authority for initiating further investigation and corrective action in the event of a reported non-conformity with this licence shall be defined.

2.2.2.6 Awareness and Training

The licensee shall establish and maintain procedures for identifying training needs, and for providing appropriate training, for all personnel whose work can have a significant effect upon the environment. Appropriate records of training shall be maintained.

2.2.2.7 Communications Programme

The licensee shall establish and maintain a Communications Programme to ensure that members of the public can obtain information at the facility, at all reasonable times, concerning the environmental performance of the facility.

Reason: *To make provision for management of the activity on a planned basis having regard to the desirability of ongoing assessment, recording and reporting of matters affecting the environment.*

CONDITION 3. Infrastructure and Operation

3.1 Specified Engineering Works

- 3.1.1 The licensee shall submit proposals for all Specified Engineering Works, as defined in *Schedule D: Specified Engineering Works*, of this licence, to the Agency for its agreement at least two months prior to the intended date of commencement of any such works. No such works shall be carried out without the prior agreement of the Agency.
- 3.1.2 All specified engineering works shall be supervised by a competent person(s) and that person, or persons, shall be present at all times during which relevant works are being undertaken.
- 3.1.3 Following the completion of all specified engineering works, the licensee shall complete a construction quality assurance validation. The validation report shall be made available to the Agency on request. The report shall, **as appropriate**, include the following information:-
 - (a) A description of the works;
 - (b) As-built drawings of the works;
 - (c) Any other information requested in writing by the Agency.

- 3.2 Facility Security
- 3.2.1 Security and stockproof fencing and gates shall be installed and maintained. The base of the fencing shall be set in the ground. Subject to the implementation of the restoration and aftercare plan and to the agreement of the Agency, the requirement for such site security may be removed.
- 3.2.2 The licensee shall install a CCTV system which records all truck movement into and out of the facility, the CCTV system shall be operated at all times and copies of recording kept on site and made available to the Agency on request.
- 3.2.3 Gates shall be locked shut when the facility is unsupervised.
- 3.2.4 The licensee shall remedy any defect in the gates and/or fencing as follows:-
- (a) A temporary repair shall be made by the end of the working day; and
 - (b) A repair to the standard of the original gates and/or fencing shall be undertaken within three working days.
- 3.3 Facility Roads and Site Surfaces
- 3.3.1 Effective site roads shall be provided and maintained to ensure the safe and nuisance free movement of vehicles within the facility.
- 3.3.2** The licensee shall provide, and maintain an impermeable concrete surface/**or other suitable material** at the facility as described in attachment D.1 of the application, the surfaces shall be concreted and constructed to British Standard 8110 or an alternative as agreed by the Agency. **All surfacing at the facility shall include adequate venting for any trapped gases as they may arise from the site.**
- 3.4 Facility Office
- 3.4.1 The licensee shall provide and maintain an office at the facility. The office shall be constructed and maintained in a manner suitable for the processing and storing of documentation.
- 3.4.2 The licensee shall provide and maintain a working telephone and a method for electronic transfer of information at the facility.
- 3.5 Waste Inspection and Quarantine Areas
- 3.5.1 A Waste Inspection Area and a Waste Quarantine Area shall be provided and maintained at the facility.
- 3.5.2 These areas shall be constructed and maintained in a manner suitable, and be of a size appropriate, for the inspection of waste and subsequent quarantine if required. The waste inspection area and the waste quarantine area shall be clearly identified and segregated from each other.
- 3.5.3 Drainage from these areas **shall be in accordance with plans** as shown in Drawing No. 24014-003B.
- 3.6 Weighbridge and Wheel Cleaner
- 3.6.1 The licensee shall provide and maintain a weighbridge and wheel cleaners at the facility.
- 3.7 Waste handling and processing plant
- 3.7.1 Items of plant deemed critical to the efficient and adequate processing of waste at the facility shall be provided on the following basis:-
- a) 100% duty capacity;

- b) 20% standby capacity available on a routine basis; and
 - c) Provision of contingency arrangements and/or back up and spares in the case of breakdown of critical equipment.
- 3.7.2 Prior to the commencement of waste activities the licensee shall provide a report for the agreement of the Agency detailing the duty and standby capacity in tonnes per day, of all waste handling and processing equipment to be used at the facility. These capacities shall be based on the licensed waste intake, as per *Schedule A: Limitations*, of this licence.
- 3.7.3 The quantity of waste to be accepted at the facility on a daily basis shall not exceed the duty capacity of the equipment at the facility. Any exceedance of this intake shall be treated as an incident.
- 3.8 Wastewater Treatment System
 - 3.8.1 Treatment of trade effluent shall be as described in Attachment E.2 of the application.
- 3.9 Construction and Demolition Waste Recovery Area
 - 3.9.1 Prior to the commencement of waste activities, the licensee shall provide and maintain a construction and demolition waste recovery area. This infrastructure shall at a minimum comprise the following:-
 - a) an impermeable concrete slab;
 - b) collection and disposal infrastructure for all run-off;
 - c) appropriate bunding to provide visual and noise screening;
 - d) All stockpiles shall be adequately contained to minimise dust generation.
 - 3.9.2 Only Construction and Demolition waste shall be accepted at this Area. Wastes which are capable of being recovered shall be separated and shall be stored temporarily in this area prior to being subjected to other recovery activities at the facility or transport off the facility.
- 3.10 Civic Waste Facility
 - 3.10.1 The licensee shall establish and maintain the Civic Waste Facility infrastructure referred to in attachment D. 1 of the application.
 - 3.10.2 The licensee shall provide and maintain appropriate receptacles at the Civic Waste Facility for the storage of various waste types.
 - 3.10.3 All waste deposited in the Civic Waste Facility shall be either:-
 - (a) into a skip;
 - (b) into the hopper of the compactor for disposal;
 - (c) into a receptacle for recovery; or
 - (d) in the case where inspection is required, into a designated inspection area.
 - 3.10.4 The licensee shall assign and clearly label each container/bay at the Civic Waste Facility to indicate their contents.
 - 3.10.5 At the end of the working day the floor of the Civic Waste Facility, the hopper and the compactor shall be cleared of waste.
 - 3.10.6** All waste accepted at the Civic Waste Facility for disposal/recovery off-site shall be removed within forty eight hours of its arrival on-site/or as otherwise to be agreed with the Agency.
- 3.11** Green Waste Facility

- 3.11.1 All green waste accepted at the Civic Waste Facility for recycling off-site shall be removed within forty eight hours of its arrival on-site/**or as otherwise to be agreed with the Agency.**
- 3.12 Monitoring Infrastructure
- 3.12.1 Groundwater
- (i) Within six **(6)** from the date of grant of this licence, the licensee shall install two (2) monitoring points as per Figure F1 to allow for the sampling and analyses of groundwater.
- (ii) Groundwater monitoring wells shall be constructed having regard to the guidance given in the Agency's landfill manual "Landfill Monitoring".

REASON: To provide for appropriate operation of the facility to ensure protection of the environment.

CONDITION 4. Interpretation

- 4.1 Emission limit values for emissions to water in this licence shall be interpreted in the following way:
- 4.1.1 Continuous Monitoring:
- (a) No 30 minute mean value shall exceed twice the emission limit value.
- 4.1.2 For Non-Continuous Monitoring
- (a) For any parameter where, due to sampling/analytical limitations, a **30** minute sample is inappropriate, a suitable sampling period should be employed and the value obtained therein shall not exceed the emission limit value.
- (b) For flow, no hourly or daily mean value, calculated on the basis of appropriate spot readings, shall exceed the relevant limit value.
- (c) For all other parameters, no 30 minute mean value shall exceed the emission limit value.
- 4.1.3 Discrete Sampling
- For** parameters other than pH and temperature, no grab sample value shall exceed 1.2 times the emission limit value.
- 4.2 Noise
- 4.2.1 Noise from the facility shall not give rise to sound pressure levels (Leq,T) measured at **the boundary /noise sensitive locations of** the activity which exceed the limit value(s).
- 4.3 Dust and Particulate Matter
- Dust and particulate matter from the activity shall not give rise to deposition levels which exceed the limit value(s).

Reason: To clarify the interpretation of limit values fixed under the licence.

CONDITION 5. Emissions

- 5.1 Emissions to Surface Water
 - 5.1.1. Unless otherwise agreed by the Agency, no trade effluent, leachate and/or contaminated storm water shall be discharged to surface water drains and surface water courses.
- 5.2 There shall be no direct emissions to groundwater.

Reason: To provide for the protection of the environment by way of control and limitation of emissions.

CONDITION 6. Control and Monitoring

- 6.1 Litter Control
 - 6.1.1 The measures and infrastructure as described in the Application documentation for licence register 221-1 shall be applied to control litter at the facility.
 - 6.1.2 All loose litter or other waste, placed on or in the vicinity of the facility, other than in accordance with the requirements of this licence, shall be removed, subject to the agreement of the landowners, immediately and in any event by 10.00am of the next working day after such waste is discovered.
 - 6.1.3 The licensee shall ensure that all vehicles delivering waste to and removing waste and materials from the facility are appropriately covered.
- 6.2 Dust/Odour Control
 - 6.2.1 All waste for disposal stored overnight at the facility, shall be stored in suitably covered and enclosed containers, and shall be removed from the facility within forty eight hours, except at Bank Holiday weekends. At Bank Holiday weekends, waste for disposal shall be removed within seventy-two hours of its arrival on site.
 - 6.2.2 In dry weather, site roads and any other areas used by vehicles shall be sprayed with water as and when required to minimise airborne dust nuisance.
 - 6.2.2.1 Prior to the date of commencement of the waste activities at the facility, the licensee shall install and provide adequate measures for the control of odours and dust emissions, including fugitive dust emissions, from the facility.
- 6.3 Operational Controls
 - 6.3.1 Scavenging shall not be permitted at the facility
 - 6.3.2 The licensee shall provide and use adequate lighting during the operation of the facility in hours of darkness.
 - 6.3.3 Fuels shall be stored only at appropriately bunded locations on the facility.
 - 6.3.4 All tanks and drums shall be labelled to clearly indicate their contents.
- 6.4 Monitoring Locations

- 6.4.1 Within three months of the date of grant of this licence, the licensee shall submit to the Agency an appropriately scaled drawing(s) showing all the monitoring locations that are stipulated in this licence including any noise sensitive locations and private wells to be monitored. The drawing shall include the eight-digit national grid reference of each monitoring point.
- 6.5 Nuisance Monitoring
- 6.5.1 The licensee shall, inspect the facility daily and its immediate surrounds for nuisances caused by litter, vermin, birds, flies, mud, dust and odours. The licensee shall maintain a record of all nuisance inspections.

Reason: To provide for the protection of the environment by way of treatment and monitoring of emission.

CONDITION 7 Resource Use and Energy Efficiency

- 7.1 The licensee shall carry out an audit of the energy efficiency of the site within one year of the date of grant of this licence. The audit shall be carried out in accordance with the guidance published by the Agency; "Guidance Note on Energy Efficiency Auditing". The energy efficiency audit shall be repeated at intervals as required by the Agency.
- 7.2 The audit shall identify all opportunities for energy use reduction and efficiency and the recommendations of the audit will be incorporated into the Schedule of Environmental Objectives and Targets under Condition 2 above.
- 7.3 The licensee shall identify opportunities for reduction in the quantity of water used on site including recycling and reuse initiatives, wherever possible. Reductions in water usage shall be incorporated into Schedule of Environmental Objectives and Targets.
- 7.4 The licensee shall undertake an assessment of the efficiency of use of raw materials in all processes, having particular regard to the reduction in waste generated. The assessment should take account of best international practice for this type of activity. Where improvements are identified, these shall be incorporated into the Schedule of Environmental Objectives and Targets.

Reason: To provide for the efficient use of resources and energy in all site operations.

CONDITION 8 Materials Handling

- 8.1 Waste Acceptance and Characterisation Procedures
- 8.1.1 Waste shall only be accepted at the facility, from Local Authority waste collection or transport vehicles or holders of waste permits, unless exempted or excluded, issued under the Waste Management Acts 1996 to 2005. Copies of these waste collection permits must be maintained at the facility.
- 8.1.2 Waste Acceptance Procedures shall be carried out in accordance with Section 3.2 of the EIS, part of the application.
- 8.1.3 Waste arriving at the facility shall be directed to clearly marked Waste storage areas.

- 8.2 Any waste deemed unsuitable for processing at the facility and/or in contravention of this licence shall be immediately separated and removed from the facility at the earliest possible time. Temporary storage of such wastes shall be in a designated Waste Quarantine Area. Waste shall be stored under appropriate conditions in the quarantine area to avoid putrefaction, odour generation, the attraction of vermin and any other nuisance or objectionable condition.
- 8.3 Off-site Disposal and Recovery
- 8.4.1 All waste transferred from the facility shall be transferred by an authorised or exempted carrier, and only to an appropriate facility agreed by the Agency. Any request for agreement of such a facility shall be forwarded to the Agency at least one month in advance of its proposed use and shall include the following:
- (i) A copy of the waste permit or waste licence where applicable.
 - (ii) The proposed waste types and quantities.
 - (iii) Details of any limitations on waste types and quantities acceptable at the facility.

Reason: To provide for the appropriate handling of materials and the protection of the environment.

CONDITION 9 Accident Prevention and Emergency Response

- 9.1. Emergencies
- 9.1.1. In the event of a breakdown of equipment or any other occurrence which results in the closure of the transfer station building, any waste arriving at or already collected at the facility shall be transferred directly to appropriate landfill sites or any other appropriate facility until such time as the transfer station building is returned to a fully operational status. Such a breakdown event will be treated as an emergency and rectified as soon as possible.
- 9.1.2. All significant spillages occurring at the facility shall be treated as an emergency and immediately cleaned up and dealt with so as to alleviate their effects.
- 9.1.3. No waste shall be burnt within the boundaries of the facility. A fire at the facility shall be treated as an emergency and immediate action shall be taken to extinguish it and notify the appropriate authorities.
- 9.1.4. In the event that monitoring of local wells indicates that the facility is having a significant adverse effect on the quantity and/or quality of the water supply this shall be treated as an emergency and the licensee shall provide an alternative supply of water to those affected.

Reason To provide for the protection of the environment.

CONDITION 10 Closure, Restoration and Aftercare

- 10.1 Following termination, or planned cessation for a period greater than six months, of use or involvement of all or part of the site in the licensed activity, the licensee shall, to the satisfaction of the Agency, decommission, render safe or remove for disposal/recovery, any soil, subsoils, buildings, plant or equipment, or any waste,

materials or substances or other matter contained therein or thereon, that may result in environmental pollution.

Reason: To make provision for the proper closure of the activity ensuring protection of the environment.

CONDITION 11 Notifications, Records and Reports

11.2 A record shall be kept at the facility of the programme for the control and eradication of vermin and fly infestations at the facility. These records shall include as a minimum the following:-

- a) the date and time during which spraying of insecticide is carried out;
- b) contractor details;
- c) contractor logs and site inspection reports;
- d) details of the rodenticide(s) and insecticide(s) used;
- e) operator training details;
- f) details of any infestations;
- g) mode, frequency, location and quantity of application; and,
- h) measures to contain sprays within the facility boundary.

11.3 Waste Recovery Reports

11.3.1 The licensee shall as part of the AER submit a report on the contribution by this facility to the achievement of the recovery targets stated in national and European Union waste policies and shall include the following:-

- (a) proposals for the contribution of the facility to the achievement of targets for the reduction of biodegradable waste to landfill as specified in the Landfill Directive;
- (b) the separation of recyclable materials from the waste;
- (c) the recovery of Construction and Demolition Waste;
- (d) the recovery of metal waste and WEEE;
- (e) **the skipping off site for recovery** of biodegradable or green waste at the facility having regard to good practice and sustainability.

11.4 Vermin and Flies

11.4.1 Prior to the commencement of waste activities, the licensee shall submit to the Agency for its agreement a proposal for the control and eradication of vermin and fly infestations at the facility. This proposal should include as a minimum, operator training, details on the rodenticide(s) and insecticide(s) to be used, mode and frequency of application and measures to contain sprays within the facility boundary.

Reason: To provide for the collection and reporting of adequate information on the activity.

Condition 12 Financial Charges and Provisions

12.1 Agency Charges

12.1.1 The licensee shall pay to the Agency an annual contribution of €3,628.00 or such sum as the Agency from time to time determines, having regard to variations in the extent of reporting, auditing, inspection, sampling and analysis or other functions carried out by the Agency, towards the cost of monitoring the activity as the Agency considers necessary for the performance of its functions under the Waste Management Acts 1996 to 2005. The first payment shall be a pro-rata amount for the period from the date of commencement of enforcement of this licence, and shall be paid to the Agency within one month from this date. In subsequent years the licensee shall pay to the Agency such revised annual contribution as the Agency shall from time to time consider necessary to enable performance by the Agency of its relevant functions under the Waste Management Acts 1996 to 2005, and all such payments shall be made within one month of the date upon which demanded by the Agency.

12.1.2 In the event that the frequency or extent of monitoring or other functions carried out by the Agency needs to be increased the licensee shall contribute such sums as determined by the Agency to defraying its costs in regard to items not covered by the said annual contribution.

12.2 Environmental Liabilities

12.2.1 The licensee shall as part of the AER provide an annual statement as to the measures taken or adopted at the site in relation to the prevention of environmental damage, and the measures in place in relation to the underwriting of costs for remedial actions following anticipated events (including closure) or accidents/incidents, as may be associated with the carrying on of the activity.

Reason: To provide for adequate financing for monitoring and financial provisions for measures to protect the environment.

SCHEDULE A Limitations

A. 1 Waste Accepted

WASTE TYPE	MAXIMUM (TONNES PER ANNUM) ^{Note 1}
Household and municipal wastes	17,858
Commercial Waste	10,000
Construction and Demolition waste	6,000
Household Hazardous Waste ^{Note 2}	132
TOTAL	34,000

Note 1 The quantities of the individual waste types may be adjusted, onl with the agreement of the Agency, subject to the total annual waste quantity remaining the same.

Note 2: Hazardous waste types as listed on page 3 of the application, or as may otherwise be agreed in writing

A.2 Authorised Activities:

Depositing, storing, sorting, segregation, packaging, compacting, bulking, and transfer of waste.

A. Emission Limits

B.1 EMISSIONS TO AIR

Dust Deposition Limits:

Measured at the monitoring points shown in Figure F 1 (or as may be amended under Condition 6).

Level (mg/m ² /d) ^{Note 1}
350

Table B.2 Noise Emissions: (Measured at the monitoring points indicated in Figure F1 of the application or others to be agreed with the Agency):

Day dB(A) L_{Aeq} (30 minutes)	Night dB(A) L_{Aeq} (30 minutes)
55 ^{Note 1}	45 ^{Note 1}

B.2 EMISSIONS TO WATER

Emission Point Reference No.: Figure F 1 of the application

Name of Receiving Waters: Galback stream

Parameter	Emission Limit Value (mg/l)
BOD	35
Ammonia (as NH ₄)	0.3
Sulphate	100
Chloride	100
Mineral Oils	5

SCHEDULE C Control & Monitoring

C.1.1 CONTROL OF EMISSIONS TO AIR

There are no Emissions to Air of environmental significance.

C.1.2 MONITORING OF EMISSIONS TO AIR

Emission Point Reference No.: To be agreed in advance with the Agency

Parameter ^{Note 1}	Monitoring Frequency	Analysis Method/Technique
Dust (mg/m ² /day)	Quartely ^{Note 1}	Standard Method ^{Note 2}
Odour	Bi-annually ^{Note 3}	See ^{Note 3} ~

Note 1: Twice during the period May to September, or as otherwise specified in writing by the Agency.

Note 2: Standard method VDI2119 (Measurement of Dustfall, Determination of Dustfall using Bergerhoff Instrument (Standard Method) German Engineering Institute).

Note 3: Odour measurements shall be by olfactometric measurement and analysis for hydrogen sulphide, ammonia, and others as maybe specified by the Agency

C.2.1 CONTROL OF EMISSIONS TO WATER

Emission Control Location: Surface water discharge point-refer to drawing no. 24014-003B

Description of Treatment: A hydrocarbon interceptor;
A grit (sediment) trap;
Surface water attenuation tank, and
Hydro-break flow control device.

Control Parameter	Monitoring	Key Equipment ^{Note 1}
Oil Removal	Mineral Oil content in water at discharge point	Hydrocarbon interceptors will be in accordance with European Standard prEN858 (Installations for the separation of light liquids) and the design of all bunds will conform to standard bunding specifications - BS8007-1987.
Suspended Solids		Grit traps

Emission Point Reference No.: SW1 and SW2

PARAMETER ^{Note 1}	SURFACE WATER Monitoring Frequency
Visual Inspection	Weekly
Mineral Oils	Quarterly
Total Suspended Solids	Quarterly
BOD	Quarterly
Metals / non metals ^{Note 2}	Annually
List 1/11 organic substances (Screen) ^{Note 3}	Annually
Chloride	Quarterly
Sulphate (SO ₄)	Quarterly
Ammonia (as NH ₄)	Quarterly
Total P/orthophosphate	Annually
Faecal Coliforms	Annually
Total Coliforms	Annually

Note 1: All the analysis shall be carried out by a competent laboratory using standard and internationally accepted procedures.

Note 2: Metals and elements to be analysed by AA/ICP should include as a minimum: boron, cadmium, calcium, chromium (total), copper, iron, lead, magnesium, manganese, nickel, potassium, sodium and zinc.

Note 3: Samples screened for the presence of organic compounds using Gas Chromatography / Mass Spectrometry (GC/MS) or other appropriate techniques and using the list 1/11 Substances from EU Directive 76/464/EEC and 80/68/EEC as a guideline. Recommended analytical techniques include: volatiles (US Environmental Protection Agency method 524 or equivalent), semi-volatiles (USEPA method 525 or equivalent, and pesticides (USEPA method 608 or equivalent).



Table C.2.4 NOISE MONITORING

Noise Monitoring Frequency and Technique

Parameter	Monitoring Frequency	Analysis Method/Technique
L(A) _{EQ} [30 minutes]	Annual	Standard ^{Note 1}
L(A) ₁₀ [30 minutes]	Annual	Standard ^{Note 1}
L(A) ₉₀ [30 minutes]	Annual	Standard ^{Note 1}
Frequency Analysis(1/3 Octave	Annual	Standard ^{Note 1}

C.2.5 AMBIENT MONITORING

Air Monitoring

Location: To be agreed in advance with the Agency (or as may be

Parameter	Monitoring Frequency	Analysis Method/Technique
Dust deposition	4 times/year (at least twice in the period May to August inclusive)	Bergerhoff
Odour assessment	Daily	Subjective

Da

C.2.6 Groundwater Monitoring

Location: GW1 and GW2 as per Drawing Figure 2 of the application

Parameter	Monitoring Frequency	Analysis Method/Technique
pH	Annually	pH electrode/meter
COD	Annually	Standard Method
Nitrate	Annually	Standard Method
Total Ammonia	Annually	Standard Method
Total Nitrogen	Annually	Standard Method
Conductivity	Annually	Standard Method
Chloride	Annually	Standard Method
Fluoride	Annually	Standard Method
Organohalogens ^{Note 1}	Annually	GC-MS

Note 1: Screening for priority pollutant list substances (such as US EPA volatile and/or semi-volatile compounds)



SCHEDULE B Specified Engineering Works

Specified Engineering Works

Installation drainage network including of silt traps and oil interceptors.

Installation of hardstanding areas.

Installation of waste quarantine areas.

Installation of waste inspection areas.

Installation of Civic amenity facilities.

Installation of waste handling, processing, recycling/recovery infrastructure

Installation of compactors for street cleaning and green waste waste.

Any other works notified in writing by the Agency.

SCHEDULE C Reporting

Completed reports shall be submitted to:
 Office of Environmental Enforcement
 Regional Inspectorate
 The Environmental Protection Agency
 Office of Environmental Enforcement
 Regional Inspectorate
 P.O. Box 3000, Johnstown Castle Estate
 Co. Wexford

Reports are required to be forwarded as required in the licence and as may be set out below:

Report	Reporting Frequency <small>Note 1</small>	Report Submission Date
Annual Environment Report (AER)	Annually	By 31 st March of each year.
Record of incidents	As they occur	Within five days of the incident.
Specified Engineering Works reports	As they arise	Prior to the works commencing.
Bund, tank and container integrity assessment	Every three years	Six months from the date of grant of licence thereafter as part of the AER.
Monitor Quality	Quarterly	Ten days after end of the quarter being reported on.
Monitoring of Groundwater Quality	Annually	Ten days after end of the quarter being reported on.
Drawing with Monitoring locations	-	Prior to commencement of waste disposal
Schedule of Objectives & Targets	-	Three months prior to commencement of development
Any other monitoring	As they occur	Within ten days of obtaining results.

SCHEDULE D Annual Environmental Report

Annual Environmental Report Content ^{Note 1}

Waste activities carried out at the facility.

Quantity and Composition of waste recovered, received and disposed of during the reporting period and each previous year (relevant EWC codes to be used).

Full title and a written summary of any procedures developed by the licensee in the year which relates to the facility operation.

Statement of measures in relation to prevention of environmental damage and remedial actions (Environmental Liabilities)

Environmental Liabilities **Risk** Assessment Review (every three years or more frequently as dictated by relevant on site change including financial provisions)

Waste Recovery Report.

Review of Nuisance Controls.

Volume of trade effluent/leachate and/or contaminated stormwater produced and volume transported off-site.

Summary of emissions and ambient monitoring

Any other items specified by the Agency

Note 1: Content may be revised subject to the agreement of the Agency

Signed on behalf of the said Agency
on the xx day of xxxxxx, 2005

xxxxxxx,

Authorised Person

