



Headquarters,
P.O. Box 3000,
Johnstown Castle Estate
County Wexford, Ireland

WASTE LICENCE
PROPOSED DECISION

Waste Licence

Register Number: 162-1

Applicant: Brivin Enterprises Limited.

Location of Facility: Westside Waste, Blacklion, Dublin Road,
Maynooth, Co. Kildare.

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 waste transfer station and Civic Waste Facility at Westside Waste, Blacklion, Dublin Road, Maynooth, Co. Kildare.

Brivin Enterprises Limited will be licensed to accept non-hazardous waste (primarily construction and demolition waste) at this facility. The wastes will be processed to remove the recyclable materials and the residual waste will then be sent to landfill. The licence requires that infrastructure be put in place over a specified timeframe to control the operations of the facility, including a Waste Transfer Building, a Civic Waste Facility, security fencing, wastewater and surface water collection systems and a wheelwash. The Waste Transfer Building will incorporate a dust/odour suppression system and noise cladding to reduce the potential for nuisance adjacent to the facility. The maximum quantity of waste to be accepted at the facility is specified in the licence as 70,000 tonnes per annum. However, the intake is restricted to 45,000 tpa until such time as the Waste Transfer Building is constructed. The waste acceptance hours and hours of operation are similarly restricted to reduce the potential for nuisance in the vicinity of the facility pending the completion of the Waste Transfer Station.

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 Brivin Enterprises Limited will operate and manage this facility.

Table of Contents

	Page No.
DECISION AND REASONS FOR THE DECISION	1
<i>PART I ACTIVITIES LICENSED</i>	1
INTERPRETATION	2
<i>PART II CONDITIONS</i>	5
CONDITION 1 SCOPE OF THE LICENCE	5
CONDITION 2 MANAGEMENT OF THE FACILITY	6
CONDITION 3 FACILITY INFRASTRUCTURE	8
CONDITION 4 RESTORATION AND AFTERCARE	12
CONDITION 5 FACILITY OPERATIONS	12
CONDITION 6 EMISSIONS	15
CONDITION 7 NUISANCE CONTROL	17
CONDITION 8 MONITORING	18
CONDITION 9 CONTINGENCY ARRANGEMENTS	19
CONDITION 10 RECORDS	20
CONDITION 11 REPORTS AND NOTIFICATIONS	21
CONDITION 12 CHARGES AND FINANCIAL PROVISIONS	23
SCHEDULE A : Waste Acceptance	25
SCHEDULE B : Specified Engineering Works	25
SCHEDULE C : Emission Limits	25
SCHEDULE D : Monitoring	26
SCHEDULE E : Recording and Reporting to the Agency	28
SCHEDULE F : Content of the Annual Environmental Report	29

DECISION & REASONS FOR THE DECISION

The Environmental Protection Agency (**the Agency**) is satisfied, on the basis of the information available, that the waste activity, or activities, licensed hereunder will comply with the requirements of Section 40(4) of the Waste Management Act, 1996.

In reaching this decision the 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 Activities Licensed

In pursuance of the powers conferred on it by the Waste Management Act, 1996, the Agency proposes, under Section 40(1) of the said Act to grant this Waste Licence to Brivin Enterprises Limited to carry on the waste activity/activities listed below at Westside Waste, Blacklion, Dublin Road, Maynooth, Co. Kildare 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 Act 1996

Class 11.	Blending or mixture prior to submission to any activity referred to in a preceding paragraph of this Schedule. This activity is limited to the bulking and transfer of waste at the facility.
Class 12.	Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule. This activity is limited to the bulking and transfer of waste at the facility.
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. This activity is limited to the storage of wastes at the facility prior to their disposal off-site.

Licensed Waste Recovery Activities, in accordance with the Fourth Schedule of the Waste Management Act 1996

Class 2.	Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes): This activity is limited to the recovery of paper, cardboard, wood, green waste, plastic and any other wastes agreed under the terms of this licence at the facility.
Class 3.	Recycling or reclamation of metals and metal compounds: This activity is limited to the recovery of metals at the facility.
Class 4.	Recycling or reclamation of other inorganic materials: This activity is limited to the recovery of inert wastes (e.g. construction and demolition wastes) at the facility.
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: This activity is limited to the storage of wastes at the facility prior to their recovery.

INTERPRETATION

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

Act	The Waste Management Act (1996).
Adequate Lighting	20 lux measured at ground level.
Agency	Environmental Protection Agency.
Agreement	Agreement in writing.
Annually	At approximately twelve monthly intervals.
Application	The application by the licensee for this waste licence.
Appropriate facility	A waste management facility, duly authorised under relevant law and technically suitable.
Bi-annually	All or part of a period of six consecutive months.
Biodegradable Waste	Any waste that is capable of undergoing anaerobic or aerobic decomposition, such as food, garden waste, sewage sludge, paper and paperboard.
Bund	A structure to provide containment for any loss of liquid from a storage tank and associated pipework. The Agency's Landfill Site Design Manual sets forth design criteria.
Civic Waste Facility	The roofed building described in the application that will be used by private vehicles, mainly for the handling of source separated recyclable wastes.
Commercial Waste	As defined in Section 5(1) of the Act.
Condition	A condition of this licence.
Construction and Demolition Waste	All wastes which arise from construction, renovation and demolition activities.
Containment boom	A boom which can contain spillages and prevent them from entering drains or watercourses.
Daytime	8.00 a.m. to 10.00 p.m.
Disposal	As defined in Section 4(3) of the Act.
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.
EIS	Environmental Impact Statement. This refers to the EIS received by the Agency in support of the application.
Emergency	Those occurrences defined in Condition 9.4.
Emission Limits	Those limits, including concentration limits and deposition levels established

in *Schedule C: Emission Limits*, of this licence.

EPA Working Day	Refers to the following hours; 9.00 a.m. to 5.30 p.m. Monday to Friday inclusive.
European Waste Catalogue (EWC)	A harmonised, non-exhaustive list of wastes drawn up by the European Commission and published as Commission Decision 94/3/EC and any subsequent amendment published in the Official Journal of the European Community.
Green Waste	Waste plant matter such as grass cuttings and other vegetation.
Hazardous Waste	As defined in Section 4(2) of the Act.
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.
Hours of Waste Acceptance	The hours during which the facility is authorised to accept waste.
Impulsive Noise	As defined in British Standard BS 4142, 1990; “Method for rating industrial noise affecting mixed residential and industrial areas.”
Incident	Those occurrences defined in Condition 1.7.
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.
Licence	A Waste Licence issued in accordance with the Act.
Licensee	Brivin Enterprises Ltd.
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.
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	10.00 p.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.
Non-hazardous Waste	Any waste which is not defined as a “hazardous waste” under Section 4(2) of the Act.

Oil Separator	Device installed according to the draft European Standard prEN 858 (Installations for the separation of light liquids, e.g. oil and petrol).
Putrescible Waste	Waste which is readily biodegradable such as vegetable matter, green waste, etc.
Recovery	As defined in Section 4(4) of the Act.
Recyclable Materials	Those waste types, such as cardboard, batteries, gas cylinders, etc, which may be recycled.
Quarterly	At approximately three monthly intervals.
Sample(s)	Unless the context of this licence indicates to the contrary, samples shall include measurements by electronic instruments.
Sanitary Authority	Kildare County Council.
Specified Emissions	Those emissions listed in <i>Schedule C: Emission Limits</i> of this licence.
Specified Engineering Works	Those engineering works listed in <i>Schedule B: Specified Engineering Works</i> of this licence.
Submit	Unless the context of this licence indicates otherwise, submit to the Agency in writing for agreement.
Tonal Noise	As defined in International Standards Organisation “Acoustics – description and measurement of environmental noise”, Part 2, 1996.
Trigger Level	A parameter value specified in the licence, the achievement or exceedance of which requires certain actions to be taken by the licensee.
Waste	As defined in Section 4(1) of the Act.
Waste Transfer Building	The roofed building described in the application that will house the waste acceptance, processing and storage activities allowable under this licence.
Wastewater	Contaminated water including water that has been used, as for washing, flushing or in a manufacturing process and so contains waste products.
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.

PART II CONDITIONS

CONDITION 1 SCOPE OF THE LICENCE

- 1.1. Waste activities at the facility shall be restricted to those listed and described in Part I: Activities Licensed and authorised by this licence.
- 1.2. For the purposes of this licence, the facility is the area of land outlined in red on Figure 1.3.2 of the Environmental Impact Statement (EIS) received by the Agency on 20th May 2002. Any reference in this licence to “facility” shall mean the area thus outlined in red.
- 1.3. This licence is for the purposes of waste licensing under the Waste Management Act 1996 only and nothing in this licence shall be construed as negating the licensee’s statutory obligations or requirements under any other enactments or regulations.
- 1.4. Only those waste categories and quantities listed in *Schedule A: Waste Acceptance* of this licence, shall be accepted at the facility. The maximum tonnage to be accepted at the facility, including the Civic Waste Facility, shall not exceed 70,000 tonnes per annum. Prior to the construction of the Waste Transfer Building, the maximum tonnage to be accepted at the facility shall not exceed 45,000 tonnes per annum.
- 1.5. No hazardous wastes or liquid wastes shall be accepted at the facility other than those accepted at the Civic Waste Facility.
- 1.6. Waste Acceptance Hours and Hours of Operation
 - 1.6.1. Prior to the construction of the Waste Transfer Building and Civic Waste Facility, the following waste acceptance and operating hours shall apply at the facility:
 - Waste acceptance hours: 8.30 a.m. to 5.30 p.m. Monday to Friday inclusive and 8.30 a.m. to 12.30 p.m. on Saturdays.
 - Facility hours of operation: 8.00 a.m. to 6.30 p.m. Monday to Friday inclusive and 8.00 a.m. to 1.30 p.m. on Saturdays.
 - 1.6.2. Following the construction of the Waste Transfer Building and Civic Waste Facility, the following waste acceptance and operating hours shall apply at the facility:
 - Waste acceptance hours: 8.00 a.m. to 6.00 p.m. Monday to Friday inclusive and 8.00 a.m. to 1.00 p.m. on Saturdays.
 - Facility hours of operation: 7.30 a.m. to 7.00 p.m. Monday to Friday inclusive and 7.30 a.m. to 2.00 p.m. on Saturdays.
 - 1.6.3. Waste shall not be accepted at the facility on Sundays or on Bank Holidays.
- 1.7. The following shall constitute an incident for the purposes of this licence:
 - a) an emergency;
 - b) any emission which does not comply with the requirements of this licence;
 - c) any exceedance of waste intake over the daily duty capacity of the waste handling equipment;
 - d) any trigger level specified in this licence which is attained or exceeded; and

e) any indication that environmental pollution has, or may have, taken place.

1.8. Where the Agency considers that a non-compliance with any condition of this licence has occurred, it may serve a notice on the licensee specifying:

1.8.1. That only those wastes as specified, if any, in the notice are to be accepted at the facility after the date set down in the notice;

1.8.2. That the licensee shall undertake the works stipulated in the notice, and/or otherwise comply with the requirements of the notice as set down therein, within the time-scale contained in the notice; and

1.8.3. That the licensee shall carry out any other requirement specified in the notice.

When the notice has been complied with, the licensee shall provide written confirmation that the requirements of the notice have been carried out. No waste, other than that which is stipulated in the notice, shall be accepted at the facility until written permission is received from the Agency.

1.9. Every plan, programme or proposal submitted to the Agency for its agreement pursuant to any Condition of this licence shall include a proposed timescale for its implementation. The Agency may modify or alter any such plan, programme or proposal in so far as it considers such modification or alteration to be necessary and shall notify the licensee in writing of any such modification or alteration. Every such plan, programme or proposal shall be carried out within the timescale fixed by the Agency but shall not be undertaken without the agreement of the Agency. Every such plan, programme or proposal agreed by the Agency shall be covered by the conditions of this licence.

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.

2.1.2 Both the facility manager and deputy, and any replacement manager or deputy, shall successfully complete both the FAS waste management training programme (or equivalent agreed with the Agency) and associated on site assessment appraisal within twelve months of appointment.

2.1.3 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.

2.2 Management Structure

2.2.1 Within three months from the date of grant of this licence, the licensee shall submit written details of the management structure of the facility to the Agency. Any proposed replacement in the management structure shall be notified in advance in writing to the Agency. Written details of the management structure shall include the following information:

- a) the names of all persons who are to provide the management and supervision of the waste activities authorised by the licence, in particular the name of the facility manager and any nominated deputies;
- b) details of the responsibilities for each individual named under a) above; and
- c) details of the relevant education, training and experience held by each of the persons nominated under a) above.

2.3 Environmental Management System (EMS)

2.3.1 The licensee shall establish and maintain an EMS. Within eighteen months from the date of grant of this licence, the licensee shall submit to the Agency for its agreement a proposal for a documented Environmental Management System (EMS) for the facility. Following the agreement of the Agency, the licensee shall establish and maintain such a system. The EMS shall be updated on an annual basis with amendments being submitted to the Agency for its agreement.

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

2.3.2.1 Schedule of Environmental Objectives and Targets

The objectives should be specific and the targets measurable. The Schedule shall address a five-year period as a minimum. The Schedule shall include a time-scale for achieving the objectives and targets and shall comply with any other written guidance issued by the Agency.

2.3.2.2 Environmental Management Plan (EMP)

The EMP shall include, as a minimum, the following:

- (i) methods by which the objectives and targets will be achieved in the coming year and the designation of responsibility for targets;
- (ii) any other items required by written guidance issued by the Agency.

2.3.2.3 Corrective Action Procedures

The Corrective Action Procedures shall detail the corrective actions to be taken should any of the procedures detailed in the EMS not be followed.

2.3.2.4 Awareness and Training Programme

The Awareness and Training Programme shall identify training needs, for personnel who work in or have responsibility for the licensed facility.

2.4 Communications Programme

2.4.1 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. This shall be established within six months of the date of grant of this licence.

REASON: *To make provision for the proper 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 FACILITY INFRASTRUCTURE

- 3.1 The licensee shall establish all infrastructure referred to in this licence prior to the commencement of the licensed activities or as required by the conditions of this licence.
- 3.2 Specified Engineering Works
- 3.2.1 The licensee shall submit proposals for all Specified Engineering Works, as defined in *Schedule B: 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.
- 3.2.2 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.
- 3.2.3 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 include the following information:
- a) a description of the works;
 - b) as-built drawings of the works;
 - c) records and results of all tests carried out (including failures);
 - d) drawings and sections showing the location of all samples and tests carried out;
 - e) daily record sheets/diary;
 - f) name(s) of contractor(s)/individual(s) responsible for undertaking the specified engineering works;
 - g) name(s) of individual(s) responsible for supervision of works and for quality assurance validation of works;
 - h) records of any problems and the remedial works carried out to resolve those problems; and
 - i) any other information requested in writing by the Agency.
- 3.3 Facility Notice Board
- 3.3.1 The licensee shall provide and maintain a Facility Notice Board on the facility so that it is legible to persons outside the main entrance to the facility. The minimum dimensions of the board shall be 1200 mm by 750 mm.
- 3.3.2 The board shall clearly show:
- a) the name and telephone number of the facility;
 - b) the normal hours of opening;
 - c) the name of the licence holder;
 - d) an emergency out of hours contact telephone number;
 - e) the licence reference number; and
 - f) where environmental information relating to the facility can be obtained.
- 3.4 Facility Security
- 3.4.1 Within six months from the date of grant of the licence or planning permission, whichever is the later, a 3m high acoustic screen shall be constructed along the southern boundary of the facility and the specification of this screen shall be agreed in advance

with the Agency. All other security and stockproof fencing and gates shall be installed and maintained within six months of the date of grant of the licence.

3.4.2 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.

3.4.3 Within six months of the date of grant of the licence, the licensee shall submit a proposal to the Agency for agreement on extending the height of the existing wall located near the eastern boundary between the halting site and the facility.

3.5 Facility Roads and Site Surfaces

3.5.1 Site roads shall be provided and maintained to ensure the safe movement of vehicles within the facility.

3.5.2 The facility entrance area and the access road to the Civic Waste Facility shall be paved and maintained with tarmacadam within nine months of the date of grant of the licence or planning permission, whichever is the later.

3.5.3 Within twelve months from the date of grant of the licence or planning permission, whichever is the later, the licensee shall provide and maintain an impermeable concrete surface in the following areas of the facility: the Waste Transfer Building, the Civic Waste Facility, the skip storage area and the truck parking areas. These areas shall be concreted and constructed to British Standard 8110 or other standard agreed in advance with the Agency.

3.6 Facility Office

3.6.1 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.

3.6.2 The licensee shall provide and maintain a working telephone and a method for electronic transfer of information at the facility.

3.7 Waste Inspection and Quarantine Areas

3.7.1 A Waste Inspection Area and a Waste Quarantine Area shall be provided and maintained within the Waste Transfer Building at the facility.

3.7.2 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.

3.7.3 Drainage from these areas shall be directed to the wastewater collection system unless otherwise agreed by the Agency.

3.8 Weighbridge and Wheel Cleaning

3.8.1 The licensee shall provide and maintain a weighbridge at the facility.

3.8.2 Within six months from the date of grant of the licence, the licensee shall provide and maintain a wheelwash at the facility.

3.9 Waste Handling, Ventilation and Processing Plant

3.9.1 Items of plant deemed critical to the efficient and adequate processing of waste at the facility (including *inter alia* waste loading vehicles and ejector trailers) shall be provided on the following basis:

- 100% duty capacity;
- 50% standby capacity available on a routine basis;
- Provision of contingency arrangements and/or back up and spares in the case of breakdown of critical equipment.

3.9.2 Within three months from the date of grant of this licence and annually thereafter, 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: Waste Acceptance*, of this licence.

3.9.3 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.

3.10 Tank and Drum Storage Areas

3.10.1 All tank and drum storage areas shall be rendered impervious to the materials stored therein.

3.10.2 All tank and drum storage areas shall, as a minimum, be bunded, either locally or remotely, to a volume not less than the greater of the following:

- (a) 110% of the capacity of the largest tank or drum within the bunded area; or
- (b) 25% of the total volume of substance which could be stored within the bunded area.

3.10.3 All drainage from bunded areas shall be diverted for collection and safe disposal.

3.10.4 All inlets, outlets, vent pipes, valves and gauges must be within the bunded area.

3.10.5 The integrity and water tightness of all the bunds and their resistance to penetration by water or other materials stored therein shall be confirmed by the licensee and shall be reported to the Agency within six months of the date of grant of this licence (i.e. for existing structures), or following its installation and prior to its use as a storage area (i.e. for new structures). This confirmation shall be repeated at least once every three years thereafter and reported to the Agency on each occasion.

3.11 Silt Traps and Oil Separators/Interceptors

3.11.1 The licensee shall install and maintain silt traps and oil interceptors at the facility to ensure that all surface water and wastewater discharges from the facility, excluding wastewater generated from employee areas (e.g. toilets and canteen), pass through a silt trap and oil interceptor prior to discharge. All silt traps and interceptors shall be in accordance with European Standard prEN 858 (installations for the separation of light liquids).

3.12 Drainage System, Pipeline Testing

3.12.1 Pending the completion of separate wastewater and surface water collection systems as required under Condition 3.12.2, the licensee shall provide appropriate infrastructure for the collection of all wastewater discharges from the facility, including discharges from the current oil interceptor on-site (i.e. prior to the wastewater collection system connection to sewer).

- 3.12.2 Within twelve months from the date of grant of this licence or planning permission, whichever is the later, the licensee shall provide and maintain separate collection systems for wastewater and clean surface water generated at the facility. Unless otherwise agreed by the Agency, wastewater generated at the facility shall discharge to the local authority sewer. The licensee shall provide a shut-off valve on both the surface water and wastewater network to stop the discharge if so required.
- 3.12.3 Within twelve months from the date of grant of this licence or planning permission, whichever is the later, the licensee shall provide and maintain a designated impervious area for use as a vehicle/plant washing area. Drainage from this area shall be directed to the wastewater collection system.
- 3.12.4 Within twelve months from the date of grant of this licence, all sewer gullies, drainage grids and manhole covers shall be painted with red squares whilst all surface water run-off gullies, drainage grids and manhole covers shall be painted with blue triangles. These colour codes shall be maintained so as to be visible at all times during facility operation, and any identification designated in this licence (e.g. SW1) shall be inscribed on these manholes.
- 3.12.5 The surface water and wastewater collection systems, bunds, silt traps and oil separators shall be inspected weekly, desludged as necessary and properly maintained at all times. All sludge and drainage from these operations shall be collected for safe disposal. A written record shall be kept of the inspections, desludging, cleaning, disposal of associated waste products, maintenance and performance of the interceptors, bunds and drains.
- 3.12.6 The integrity and water tightness of all underground pipes and tanks and their resistance to penetration by water or other materials carried or stored therein shall be tested and demonstrated by the licensee and shall be reported to the Agency following their installation and prior to their use. This testing shall be carried out by the licensee at least once every three years thereafter and reported to the Agency on each occasion. A written record of all integrity tests and any maintenance or remedial work arising from them shall be maintained by the licensee.

3.13 Fire Control System

- 3.13.1 Within twelve months of the date of grant of this licence or planning permission, whichever is the later, the licensee shall provide and maintain fire control systems at the facility and this shall include the provision of a fire water retention tank and a water sprinkler system for the Waste Transfer Building. The capacity of the fire water retention tank shall take account of the requirements of the Fire Authority as provided for under Condition 9.2.

3.14 Waste Transfer Building

- 3.14.1 Within twelve months of the date of grant of this licence or the date of grant of planning permission, whichever is the later, the licensee shall provide and maintain a Waste Transfer Building to be used for the acceptance, processing and storage of waste. This infrastructure shall incorporate the following:
- a) an impermeable concrete slab;
 - b) drainage infrastructure for the collection of all run-off;
 - c) designated waste processing areas;
 - d) segregated and designated waste storage areas;
 - e) dust curtains, an odour/dust suppression system and acoustic screening;

- f) a Waste Inspection Area and a Waste Quarantine Area; and
- g) facility accommodation and a vehicle/plant maintenance area.

3.15 Civic Waste Facility

- 3.15.1 Within twelve months of the date of grant of this licence or planning permission, whichever is the later, the licensee shall provide and maintain a Civic Waste Facility. This building shall be acoustically screened.
- 3.15.2 The licensee shall provide and maintain appropriate receptacles for the storage of waste at the Civic Waste Facility.
- 3.15.3 Appropriate signage and traffic control shall be maintained to control access to the Civic Waste Facility.

3.16 Monitoring Infrastructure

- 3.16.1 Within twelve months of the date of grant of the licence or planning permission, whichever is the later, the licensee shall provide and maintain a monitoring point (known as FW1) for the representative monitoring of the effluent being discharged to the local authority sewer, at a location to be agreed with the Agency.
- 3.16.2 Within twelve months of the date of grant of the licence or planning permission, whichever is the later, the licensee shall provide and maintain a system for monitoring and recording the wastewater discharge volume/flow.
- 3.16.3 Within twelve months of the date of grant of the licence or planning permission, whichever is the later, the licensee shall provide and maintain a surface water discharge monitoring point (known as SW4) at a location to be agreed with the Agency. This monitoring point shall monitor the final surface water discharge from the facility.
- 3.16.4 Monitoring infrastructure which is damaged or proves to be unsuitable for its purpose shall be replaced within three months of it being damaged or recognised as being unsuitable.

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

CONDITION 4 RESTORATION AND AFTERCARE

- 4.1. A proposal for a Decommissioning and Aftercare Plan for the facility shall be submitted to the Agency within twelve months of the date of grant of this licence. The licensee shall update these schemes when required by the Agency.

REASON: *To provide for the restoration of the facility.*

CONDITION 5 FACILITY OPERATIONS

- 5.1 Within twelve months from the date of grant of this licence or planning permission, whichever is the later, all waste processing shall be carried out indoors.
- 5.2 Waste Acceptance and Characterisation Procedures

- 5.2.1 Within three months of the date of grant of this licence, the licensee shall establish and maintain detailed written procedures for the acceptance and handling of wastes.
 - 5.2.2 Waste arriving at the facility shall be inspected at the point of entry to the facility and subject to this inspection, weighed, documented and directed to the Waste Transfer Building (when constructed). Each load of waste arriving at the waste acceptance area/Waste Transfer Building shall be inspected upon tipping. Only after such inspections shall the waste be processed for disposal or recovery.
 - 5.2.3 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.
 - 5.2.4 A record of all inspections of incoming waste loads shall be maintained.
 - 5.2.5 All wastes, other than waste accepted at the Civic Waste Facility, shall only be accepted at the facility from known customers or new customers subject to initial waste profiling and waste characterisation off-site. The written records of this off-site waste profiling and characterisation shall be retained by the licensee for all active customers and for a two year period following termination of licensee/customer agreements.
 - 5.2.6 All containers accepted or being used at the facility shall be whole and sound. The contents of any leaking or otherwise ruptured containers shall immediately be transferred to a sound container in a manner which will not adversely affect the environment. Any spillages should be cleaned up so as not to adversely affect the environment or the performance of the oil interceptor.
- 5.3 Operational Controls
- 5.3.1 All waste accepted at the facility for disposal off-site shall be removed from the facility within 48 hours of its arrival on-site except at Bank Holiday weekends when it shall be removed within 72 hours. Where such waste is held overnight, it shall be stored in suitably covered and enclosed containers. These containers shall be stored within the Waste Transfer Building following its completion.
 - 5.3.2 Designated waste storage and processing areas within the Waste Transfer Building shall only be used for the storage or processing (as appropriate) of those waste types for which the area is designated. Recovered construction and demolition waste shall not be mixed with domestic, commercial or industrial waste.
 - 5.3.3 The floor of the Waste Transfer Building shall be cleaned down and cleared of all waste at the end of the working day. The floor of the storage bays for recovered wastes shall be washed down and cleaned on each occasion such bays are emptied.
 - 5.3.4 The metal roller shutter doors of the Waste Transfer Building shall be kept closed outside of the waste acceptance hours.
 - 5.3.5 Scavenging shall not be permitted at the facility.
 - 5.3.6 Gates shall be locked shut when the facility is unsupervised.
 - 5.3.7 The licensee shall provide and use adequate lighting during the operation of the facility in hours of darkness.
 - 5.3.8 Fuels shall only be stored at appropriately bunded locations on the facility.
 - 5.3.9 All tanks and drums shall be labelled to clearly indicate their contents.

- 5.3.10 No smoking shall be allowed in waste handling areas at the Waste Transfer Building or the Civic Waste Facility.
- 5.3.11 All stockpiles of processed construction and demolition waste shall be maintained so as to minimise dust generation.
- 5.4 The licensee shall submit a written proposal to the Agency for agreement on any proposed new waste processing procedure, along with relevant details, prior to any such processes or associated works being carried out.
- 5.5 Off-site Disposal and Recovery
- 5.5.1 Waste sent off-site for recovery or disposal shall only be conveyed by a waste contractor agreed by the Agency.
- 5.5.2 All waste transferred from the facility shall only be transferred to an appropriate facility agreed by the Agency.
- 5.5.3 All wastes removed off-site for recovery or disposal shall be transported from the facility to the consignee in a manner which will not adversely affect the environment.
- 5.6 Civic Waste Facility
- 5.6.1 The Civic Waste Facility shall not be used as a transfer station for the disposal of waste by commercial waste disposal contractors or local authority waste collection vehicles.
- 5.6.2 Unless otherwise agreed by the Agency, only the following wastes shall be accepted at the Civic Waste Facility: domestic waste, construction and demolition waste, textiles, metal, plastic, glass, beverage cans, white goods, wood, papers, magazines and cardboard.
- 5.6.3 All waste deposited in the Civic Waste Facility shall be either:
- (a) into a skip;
 - (b) into a receptacle for recovery;
 - (c) into a roofed storage area; or
 - (d) in the case where inspection is required, into a designated inspection area.
- 5.6.4 The licensee shall assign and clearly label each container at the Civic Waste Facility to indicate their contents.
- 5.6.5 At the end of the working day the floor of the Civic Waste Facility and any receptacles containing domestic or putrescible waste shall be cleared of waste. The floor of the storage bays for recovered wastes shall be washed down and cleaned on each occasion such bays are emptied.
- 5.7 Wastewater Management
- 5.7.1 Unless discharged to the local authority sewer, wastewater stored in any on-site storage tanks (including sumps and bunds) shall be tankered off-site in fully enclosed road tankers to a location agreed by the Agency and disposed of there.
- 5.8 Maintenance
- 5.8.1 All waste handling/processing plant and treatment/abatement and emission control equipment shall be calibrated and maintained in accordance with the instructions

issued by the manufacturer/supplier or installer. Written records of the calibrations and maintenance shall be made and kept by the licensee.

5.8.2 The licensee shall maintain and clearly label and name all sampling and monitoring locations.

5.8.3 The wheel-wash and the floor drains at the Waste Transfer Building shall be inspected on a daily basis and drained as required. Silt, stones and other accumulated material shall be removed as required from the wheel-wash and disposed of appropriately.

5.9 Landscaping

5.9.1 The existing hedgerow/tree network along the boundary of the facility shall be retained by the licensee.

5.9.2 A minimum distance of 2m shall be retained between the existing hedgerows and any buildings to be constructed at the facility.

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

CONDITION 6 EMISSIONS

6.1. No specified emission from the facility shall exceed the emission limit values set out in *Schedule C: Emission Limits* of this licence. There shall be no other emissions of environmental significance.

6.2. The licensee shall ensure that the activities shall be carried out in a manner such that emissions do not result in significant impairment of, or significant interference with the environment beyond the facility boundary.

6.3. Emissions to Surface Water

6.3.1. The trigger levels for surface water discharges from the facility measured at monitoring point SW4 are:

(a) BOD 25mg/l

(b) Suspended Solids 35mg/l

6.3.2. No substance shall be discharged in a manner, or at a concentration which, following initial dilution causes tainting of fish or shellfish.

6.3.3. Roof-water from the on-site buildings shall be discharged to surface water or be used on-site in a manner to be agreed with the Agency.

6.4. There shall be no direct emissions to groundwater.

6.5. There shall be no clearly audible tonal component or impulsive component in the noise emissions from the activity at the noise sensitive locations.

6.6. Disposal of Wastewater

6.6.1. No wastewater shall be discharged to surface water.

6.7. Emissions to Sewer

- 6.7.1. Unless otherwise agreed in advance with the Agency and the Sanitary Authority, the following shall apply for the discharge of wastewater, which shall be via the wastewater discharge line. There shall be no other discharge or emission to sewer of environmental significance.
 - 6.7.2. No substance shall be present in emissions to sewer in such concentrations as would constitute a danger to sewer maintenance personnel working in the sewerage system, or as would be damaging to the fabric of the sewer, or as would interfere with the biological functioning of a downstream wastewater treatment works.
 - 6.7.3. The licensee shall permit authorised persons of the Agency and the Sanitary Authority to inspect, examine and test, at all reasonable times, any works and apparatus installed, in connection with the discharge or emission, and to take samples of the discharge or emission.
 - 6.7.4. No discharge or emission to sewer shall take place which might give rise to any reaction within the sewer or to the liberation of by-products which may be of environmental significance.
 - 6.7.5. The licensee shall ensure that the discharge shall not contain dissolved methane, petroleum spirits or organic solvents (including chlorinated organic solvents), at concentrations which would give rise to flammable or explosive vapours in the sewer.
 - 6.7.6. Non-trade effluent wastewater (e.g. firewater, accidental spillage) which occurs on-site shall not be discharged to the sewer without the prior authorisation of the Sanitary Authority.
 - 6.7.7. The licensee shall provide and maintain an inspection chamber in a suitable position in connection with each pipe through which a discharge or emission is being made. Each such inspection chamber or manhole shall be constructed and maintained by the licensee so as to permit the taking of samples of the discharge.
 - 6.7.8. Emission limit values shall be as set in Schedule C.4 *Sewer Discharge Limits* for discharges to sewer unless otherwise agreed with the Agency and the Sanitary Authority.
- 6.8. Emission limit values for wastewater emissions to sewer in this licence shall be interpreted in the following way:
- a) Continuous Monitoring

No flow value shall exceed the specified limit.
 - b) Non-Continuous monitoring

Eight out of ten consecutive results, calculated as daily mean concentration or mass emission values on the basis of flow proportional composite sampling shall exceed 1.2 times the emission limit value.
 - c) No grab sample shall exceed 1.2 times the emission limit value.

REASON: *To control emissions from the facility and provide for the protection of the environment.*

CONDITION 7 NUISANCE CONTROL

- 7.1 The licensee shall ensure that vermin, birds, flies, mud, dust, litter and odours do not give rise to nuisance at the facility or in the immediate area of the facility. Any method used by the licensee to control any such nuisance shall not cause environmental pollution.
- 7.2 The road network in the vicinity of the facility shall be kept free from any debris caused by vehicles entering or leaving the facility. Any such debris or deposited materials shall be removed without delay.
- 7.3 Litter Control
- 7.3.1 All loose litter or other waste, placed on or in the vicinity of the facility, other than in accordance with the requirements of this licences, 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.
- 7.3.2 The licensee shall ensure that all vehicles delivering waste to and removing waste and materials from the facility are appropriately covered.
- 7.4 Dust/Odour Control
- 7.4.1 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.
- 7.4.2 Within twelve months of the date of grant of this licence or planning permission, whichever is the later, the licensee shall install and provide adequate measures for the control of odours and dust emissions, including fugitive dust emissions, from the facility. Such measures shall as a minimum include the following:
- 7.4.2.1 Dust curtains shall be maintained on the entry/exit points from the Waste Transfer Building, all other doors in this building shall be kept closed where possible.
- 7.4.2.2 Installation and maintenance of an odour/dust suppression system throughout the Waste Transfer Building to ensure no significant escape of odours or dust.
- 7.4.2.3 Provision of 100% duty capacity and 50% stand by capacity, back ups and spares (where appropriate) must be provided for the odour/dust control system.
- 7.4.3 The odour/dust suppression system referred to in Condition 7.4.2 shall be operated on a continuous basis during the operating hours of the facility.
- 7.5 Vermin Control
- 7.5.1 The licensee shall maintain a programme for the control and eradication of vermin at the facility. The measures to be employed shall be agreed in advance with the Agency.
- 7.6 Prior to exiting the facility, all waste vehicles shall use the wheelwash.

REASON: *To provide for the control of nuisances.*

CONDITION 8 MONITORING

- 8.1. The licensee shall carry out such monitoring and at such locations and frequencies as set out in *Schedule D: Monitoring*, of this licence and as specified in this licence. Unless otherwise specified by this licence, all environmental monitoring shall commence no later than two months after the date of grant of this licence.
- 8.2. The licensee shall amend the frequency, locations, methods and scope of monitoring as required by this licence only upon the written instruction of the Agency and shall provide such information concerning such amendments as may be requested in writing by the Agency. Such alterations shall be carried out within any timescale nominated by the Agency.
- 8.3. Monitoring and analysis equipment shall be operated and maintained in accordance with the manufacturer's instructions (if any) so that all monitoring results accurately reflect any emission, discharge or environmental parameter.
- 8.4. The licensee shall provide safe and permanent access to all on-site sampling and monitoring points and to off-site points as required by the Agency.
- 8.5. The licensee shall maintain all sampling and monitoring points, and clearly label and name all sampling and monitoring locations, so that they may be used for representative sampling and monitoring.
- 8.6. The licensee shall install on all emission points such sampling points or equipment, including any data-logging or other electronic communication equipment, as may be required by the Agency. All such equipment shall be consistent with the safe operation of all sampling and monitoring systems.
- 8.7. Within one month of the date of grant of this licence, the following information shall be submitted to the Agency for its agreement: the names, qualifications and a summary of relevant experience of all persons that will carry out all sampling and monitoring as required by this licence and who carry out the interpretation of the results of such sampling and monitoring. Any proposed changes to the above shall be submitted in writing to the Agency for its agreement.
- 8.8. Noise Monitoring
 - 8.8.1. Noise monitoring shall be carried out during operational hours. The first such monitoring event shall be undertaken within three months of the date of grant of this licence.
- 8.9. Wastewater Monitoring
 - 8.9.1. The first such monitoring event shall be undertaken within twelve months of the date of grant of this licence, unless otherwise specified by the Agency.
- 8.10. Dust Monitoring
 - 8.10.1. The first such monitoring event shall be undertaken within six months of the date of grant of this licence.
- 8.11. Nuisance Monitoring
 - 8.11.1. The licensee shall, at a minimum of one week intervals, inspect the facility and its immediate surrounds for nuisances caused by litter, vermin, birds, flies, mud, dust and odours.

REASON: *To ensure compliance with the conditions of this licence by provision of a satisfactory system of monitoring of emissions.*

CONDITION 9 CONTINGENCY ARRANGEMENTS

- 9.1. In the event of an incident the licensee shall immediately:
- a) identify the date, time and place of the incident;
 - b) carry out an immediate investigation to identify the nature, source and cause of the incident and any emission arising therefrom;
 - c) isolate the source of any such emission;
 - d) evaluate the environmental pollution, if any, caused by the incident;
 - e) identify and execute measures to minimise the emissions/malfunction and the effects thereof;
 - f) provide a proposal to the Agency for its agreement within one month of the incident occurring to:
 - i) identify and put in place measures to avoid reoccurrence of the incident; and
 - ii) identify and put in place any other appropriate remedial action.
- 9.2. The licensee shall, within six months of the date of grant of this licence, submit a written Emergency Response Procedure (ERP) to the Agency for its agreement. The ERP shall address any emergency situations which may originate on the facility and shall include provision for minimising the effects of any emergency on the environment. This shall include a risk assessment to determine the requirements at the facility for fire fighting and fire water retention facilities. The Fire Authority shall be consulted by the licensee during this assessment.
- 9.3. The licensee shall have in storage an adequate supply of containment booms and/or suitable absorbent material to contain and absorb any spillage at the facility. Once used the absorbent material shall be disposed of at an appropriate facility.
- 9.4. Emergencies
- 9.4.1. In the event of a complete breakdown of equipment or any other occurrence which results in waste not being processed at the facility or the Waste Transfer Building during operational hours, 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 facility/Waste Transfer Building (as appropriate) is returned to a fully operational status. Such a breakdown event will be treated as an emergency and rectified as soon as possible.
- 9.4.2. 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.
- 9.4.3. 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.

REASON: *To ensure compliance with the conditions of this licence by provision of a satisfactory system of monitoring of emissions.*

CONDITION 10 RECORDS

- 10.1 The licensee shall keep the following documents at the facility office.
- a) the current waste licence relating to the facility;
 - b) the current EMS for the facility;
 - c) the previous year's AER for the facility;
 - d) all written procedures produced by the licensee which relate to the licensed activities.
- 10.2 The licensee shall maintain a written record for each load of waste arriving at and departing from the facility, excluding those arriving at the Civic Waste Facility by private vehicles. The licensee shall record the following:
- a) the date;
 - b) the name of the carrier (including if appropriate, the waste carrier registration details);
 - c) the vehicle registration number;
 - d) the name of the producer(s)/collector(s) of the waste as appropriate;
 - e) the name of the waste facility (if appropriate) from which the load originated including the waste licence or waste permit register number;
 - f) a description of the waste including the associated EWC codes;
 - g) the quantity of the waste, recorded in tonnes;
 - h) the name of the person checking the load;
 - i) where loads or wastes are removed or rejected, details of the date of occurrence, the types of waste and the facility to which they were removed; and
 - j) where applicable, a consignment note number (including transfrontier shipment notification and movement/tracking form numbers, as appropriate).
- 10.3 Written Records
- The following written records shall be maintained by the licensee:
- a) the types and quantities of waste recovered at the facility each year. These records shall include the relevant EWC Codes;
 - b) all training undertaken by facility staff;
 - c) results from all integrity tests of bunds and other structures and any maintenance or remedial work arising from them;
 - d) details of all nuisance inspections; and
 - e) the names and qualifications of all persons who carry out all sampling and monitoring as required by this licence and who carry out the interpretation of the results of such sampling and monitoring.
- 10.4 The licensee shall maintain a written record of all complaints relating to the operation of the activity. Each such record shall give details of the following:
- a) date and time of the complaint;
 - b) the name of the complainant;
 - c) details of the nature of the complaint;
 - d) actions taken on foot of the complaint and the results of such actions; and,

- e) the response made to each complainant.
- 10.5 A written record shall be kept of each consignment of wastewater removed from the facility. The record shall include the following:
- a) the name of the carrier;
 - b) the date and time of removal of wastewater from the facility;
 - c) the volume of wastewater, in cubic metres, removed from the facility on each occasion;
 - d) the name and address of the facility to which the wastewater was transported;
 - e) any incidents or spillages of wastewater during its removal or transportation.
- 10.6 A written record shall be kept for each load of waste departing from the Civic Waste Facility. The following shall be recorded:
- a) the name of the carrier;
 - b) the vehicle registration number;
 - c) the destination of the waste (facility name and waste licence/permit number as appropriate);
 - d) a description of the waste (if recovered or rejected waste, the specific nature of the waste);
 - e) the quantity of waste, recorded in tonnes;
 - f) the name of the person checking the load; and,
 - g) the time and date of departure.
- 10.7 A written record shall be kept at the facility of the programme for the control and eradication of vermin at the facility. These records shall include as a minimum the following:
- a) contractor details;
 - b) contractor logs and site inspection reports;
 - c) details of the rodenticide(s) used;
 - d) operator training details;
 - e) details of any infestations; and,
 - f) the mode, frequency, location and quantity of application.

REASON: *To provide for the keeping of proper records of the operation of the facility.*

CONDITION 11 REPORTS AND NOTIFICATIONS

- 11.1 Unless otherwise agreed by the Agency, all reports and notifications submitted to the Agency shall:
- a) be sent to the Agency's headquarters;
 - b) comprise one original and four copies unless additional copies are required;
 - c) be formatted in accordance with any written instruction or guidance issued by the Agency;
 - d) include whatever information as is specified in writing by the Agency;

- e) be identified by a unique code, indicate any modification or amendment, and be correctly dated to reflect any such modification or amendment;
- f) be submitted in accordance to the relevant reporting frequencies specified by this licence, such as in *Schedule E: Recording and Reporting to the Agency*, of this licence;
- g) be accompanied by a written interpretation setting out their significance in the case of all monitoring data; and
- h) be transferred electronically to the Agency's computer system if required by the Agency.

11.2 In the event of an incident occurring on the facility, the licensee shall:

- a) notify the Agency as soon as practicable and in any case not later than 10.00 am the following working day after the occurrence of any incident;
- b) submit a written record of the incident, including all aspects described in Condition 9.1(a-f), to the Agency as soon as practicable and in any case within five working days after the occurrence of any incident; and
- c) in the event of any incident which relates to discharges to surface/sewer water, notify the Eastern Regional Fisheries Board or the Sanitary Authority (as appropriate) as soon as practicable and in any case not later than 10:00am on the following working day after such an incident.
- d) Should any further actions be taken as a result of an incident occurring, the licensee shall forward a written report of those actions to the Agency as soon as practicable and no later than ten days after the initiation of those actions.

11.3 Waste Recovery Reports

Within **six** months of the date of grant of this licence, a report examining waste recovery options shall be submitted to the Agency for its agreement. This report shall address methods to contribute to the achievement of the recovery targets stated in national (e.g. "Waste Management, Changing Our Ways") 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 white goods (including written procedures for the de-gassing of CFC's from refrigerators where appropriate);
- e) the recovery of commercial waste, including cardboard;
- f) inert waste to be used for cover/restoration material at the facility;

11.4 Monitoring Locations

11.4.1. 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. The drawing(s) shall include the reference code of each monitoring point.

11.5 Annual Environmental Report

11.5.1 The licensee shall submit to the Agency for its agreement, within thirteen months from the date of grant of this licence, and one month after the end of each calendar year thereafter, an Annual Environmental Report (AER).

11.5.2 The AER shall include as a minimum the information specified in *Schedule F: Content of Annual Environmental Report*, of this licence and shall be prepared in accordance with any relevant written guidance issued by the Agency.

REASON: *To provide for proper reporting and notification of the Agency.*

CONDITION 12 CHARGES AND FINANCIAL PROVISIONS

12.1 Agency Charges

12.1.1 The licensee shall pay to the Agency an annual contribution of € 10,576 or such sum as the Agency from time to time determines, towards the cost of monitoring the activity or otherwise in performing any functions in relation to the activity, as the Agency considers necessary for the performance of its functions under the Waste Management Act, 1996. The licensee shall in 2003 and subsequent years, not later than January 31 of each year, pay to the Agency this amount updated in accordance with changes in the Public Sector Average Earnings Index from the date of the licence to the renewal date. The updated amount shall be notified to the licensee by the Agency. For 2002, the licensee shall pay a pro rata amount from the date of this licence to 31st December. This amount shall be paid to the Agency within one month of the date of grant of this licence.

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.

12.2 Financial Provision for Closure, Restoration and Aftercare

12.2.1 The licensee shall arrange for the completion of a comprehensive and fully costed Environmental Liabilities Risk Assessment for the facility which will address liabilities arising from the carrying on of the activities to which this licence relates. A report on this assessment shall be submitted to the Agency for its agreement within six months of date of grant of this licence.

12.2.2 Within nine months of the date of grant of this licence, the licensee shall make a Proposal for Financial Provision to the Agency for its agreement to cover any liabilities incurred by the licensee in carrying on the activities to which this licence relates. Such provision shall be maintained by the licensee unless otherwise agreed by the Agency.

12.2.3 The amount of financial provision, held under Condition 12.2.2 shall be reviewed and revised as necessary, but at least annually. Any proposal for such a revision shall be submitted to the Agency for its agreement.

12.2.4 The licensee shall within two weeks of purchase, renewal or revision of the financial provision required under Condition 12.2.2, forward to the Agency written proof of such indemnity.

12.2.5 Unless otherwise agreed any revision to the fund shall be computed using the following formula:

$$\text{Cost} = (\text{ECOST} \times \text{WPI}) + \text{CiCC}$$

Where:

Cost = Revised restoration and aftercare cost

ECOST = Existing restoration and aftercare cost

WPI = Appropriate Wholesale Price Index [Capital Goods, Building & Construction (i.e. Materials & Wages) Index], as published by the Central Statistics Office, for the year since last closure calculation/revision.

CiCC = Change in compliance costs as a result of change in site conditions, changes in law, regulations, regulatory authority charges, or other significant changes.

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

SCHEDULE A : Waste Acceptance

A.1 Waste Acceptance

Table A.1 Waste Categories and Quantities

WASTE TYPE	MAXIMUM QUANTITY (TONNES PER ANNUM)	
	Prior to construction of Waste Transfer Building Note 1/Note 2	Post construction of Waste Transfer Building Note 1/Note 2
Household	6,000	9,490
Commercial	6,000	9,490
Construction and Demolition	30,000	47,400
Industrial	3,000	3,620
TOTAL	45,000	70,000

Note 1: Refer to Condition 1.4.

Note 2: The tonnage of household waste, commercial waste, construction and demolition waste and industrial waste may be altered with the prior agreement of the Agency provided that the total amount of these wastes accepted at the facility does not exceed the combined tonnage of 45,000 tonnes or 70,000 tonnes per annum (as specified in the total above).

SCHEDULE B : Specified Engineering Works

Specified Engineering Works
Installation of silt traps and oil interceptors.
Installation of wastewater and surface water collection systems.
Installation of dust/odour control system.
Installation of waste handling, processing, recycling/recovery infrastructure and installation of increased waste processing capacity.
Installation of Waste Transfer Building and Civic Waste Facility.
Any other works notified in writing by the Agency.

SCHEDULE C : Emission Limits

C.1 Noise Emissions: (Measured at the noise sensitive locations indicated in Table D.1.1).

Day dB(A) L _{Aeq} (30 minutes)	Night dB(A) L _{Aeq} (30 minutes)
55	45

C.2 Dust Deposition Limits: (Measured at the monitoring points indicated in Table D.1.1).

Level (mg/m ² /day) ^{Note 1}
350

Note 1: 30 day composite sample with the results expressed as mg/m² /day.

C.3 Surface Water Discharge Limits: (Measured at the monitoring point SW4 as indicated in Table D.1.1).

Parameter	Emission Limit Value
Mineral oils	5mg/l

C.4 Sewer Discharge Limits: (upon completion of the wastewater connection to sewer and subject to Condition 6.7.8).

Emission Point Reference No: FW1 (location to be agreed with the Agency as per Condition 3.16.1).

Parameter	Emission Limit Value
	Daily Mean Concentration (mg/l)
BOD	10,000
COD	30,000
Suspended Solids	2000
Fats, Oils, Grease	100
Ammoniacal Nitrogen	50
Temperature	42°C
Sulphates (as SO ₄)	500
Detergents (as MBAS)	500
PH	6-9

SCHEDULE D : Monitoring

Monitoring to be carried out as specified below.

D.1 Monitoring Locations

Monitoring locations shall be those as set out in Table D.1.1.

Table D.1.1 Noise, Surface Water, Wastewater and Dust Monitoring Locations

NOISE STATIONS ^{Note 1}	SURFACE WATER STATIONS ^{Note 2}	WASTEWATER STATIONS ^{Note 4}	DUST STATIONS ^{Note 5}
N1	SW3	FW1	D1
N7	SW4 ^{Note 3}		D2
N9	SW5		D3
N10			

NOISE STATIONS ^{Note 1}	SURFACE WATER STATIONS ^{Note 2}	WASTEWATER STATIONS ^{Note 4}	DUST STATIONS ^{Note 5}
N11			

Note 1: Locations as shown on Figure 4.3.5.1 of the EIS.

Note 2: Locations as shown on Figure 4.6.3.1 of the EIS.

Note 3: Location to be agreed with the Agency under Condition 3.16.3.

Note 4: Location to be agreed with the Agency under Condition 3.16.1.

Note 5: Locations to be agreed in advance with the Agency.

D.2 Dust

Table D.2.1 Dust Monitoring Frequency and Technique

Parameter (mg/m ² /day)	Monitoring Frequency	Analysis Method/Technique
Dust	Three times a year ^{Note 2}	Standard Method ^{Note 1}

Note 1: Standard method VDI2119 (Measurement of Dustfall, Determination of Dustfall using Bergerhoff Instrument (Standard Method) German Engineering Institute). A modification (not included in the standard) which 2 methoxy ethanol may be employed to eliminate interference due to algae growth in the gauge.

Note 2: Twice during the period May to September.

D.3 Noise

Table D.3.1 Noise Monitoring Frequency and Technique

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

Note 1: "International Standards Organisation. ISO 1996. Acoustics - description and Measurement of Environmental noise. Parts 1, 2 and 3."

D.4 Surface Water Emissions

Table D.4.1 Surface Water Monitoring Frequency and Techniques

Parameter	Monitoring Frequency	Analysis Method/Technique
Visual Inspection	Weekly	Not applicable
pH	Bi-annually	Electrometry
Electrical Conductivity	Bi-annually	Electrometry
BOD	Bi-annually	Standard Methods ^{Note 1}
Ammoniacal Nitrogen	Bi-annually	Standard Methods ^{Note 1}
Total Suspended Solids	Bi-annually	Standard Methods ^{Note 1}
Mineral Oils	Bi-annually	GC-FID

Note 1: "Standards Methods for the Examination of Water and Wastewater", (prepared and published jointly by A.P.H.A., A.W.W.A & W.E.F) 20th Ed., American Public Health Association, 1015 Fifteenth Street, Washington DC 20005, USA, or equivalent method as agreed by the Agency.

D.5 Wastewater Emissions

Table D.5.1 Wastewater Monitoring Frequency and Techniques

Parameter	Monitoring Frequency	Analysis Method/Technique ^{Note 2}
BOD	Bi-annually	Standard Methods ^{Note 1}
COD	Bi-annually	Standard Methods ^{Note 1}
Ammoniacal Nitrogen	Bi-annually	Standard Methods ^{Note 1}
Total Suspended Solids	Bi-annually	Standard Methods ^{Note 1}
Sulphate (as SO₄)	Bi-annually	Standard Methods ^{Note 1}
pH	Bi-annually	Electrometry
Temperature	Bi-annually	Temperature probe
Detergents (as MBAS)	Bi-annually	Standard Methods ^{Note 1}
Fats, Oils and Greases	Bi-annually	Standard Methods ^{Note 1}
Flow	Daily	To be agreed with the Agency ^{Note 3}

Note 1: "Standards Methods for the Examination of Water and Wastewater", (prepared and published jointly by A.P.H.A., A.W.W.A & W.E.F) 20th Ed., American Public Health Association, 1015 Fifteenth Street, Washington DC 20005, USA, or equivalent method as agreed by the Agency.

Note 2: With the exception of Flow, all samples taken shall be Grab samples.

Note 3: Method to be agreed with the Agency in accordance with Condition 3.16.2 and Condition 3.2.

SCHEDULE E : Recording and Reporting to the Agency

Report	Reporting Frequency ^{Note 1}	Report Submission Date
Environmental Management System Updates	Annually	One month after the end of the year being reported on.
Annual Environment Report (AER)	Annually	Thirteen months from the date of grant of licence and one month after the end of each calendar year thereafter.
Record of incidents	As they occur	Within five days of the incident.
Bund, tank and container integrity assessment	Every three years	Three months from the date of grant of licence (or following completion of new structures) and one month after end of the three year period being reported on.
Duty and standby capacity of waste processing plant	Annually	Three months from the date of grant of licence and one month after the end of each calendar year thereafter.
Specified Engineering Works reports	As they arise	Prior to the works commencing.
Monitoring of Surface Water Quality	Bi-annually	Ten days after end of the quarter being reported on.
Monitoring of Wastewater	Bi-annually	Ten days after end of the quarter being reported on.
Dust Monitoring	Three times a year	Ten days after the period being reported on.
Noise Monitoring	Quarterly	One month after end of the period being reported on.
Any other monitoring	As they occur	Within ten days of obtaining results.

Note 1: Unless altered at the request of the Agency.

SCHEDULE F : Content of the Annual Environmental Report

Annual Environmental Report Content

Reporting Period.

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).

Summary report on emissions.

Summary of results and interpretations of environmental monitoring, including a location plan of all monitoring locations.

Resource and energy consumption summary.

Development / Infrastructural works in place and planned, to process waste quantities projected for the following year (including plant operating capacity, provision of adequate standby capacity and provision of contingency, backup and spares in the case of breakdown).

Schedule of Environmental Objectives and Targets for the forthcoming year.

Report on the progress towards achievement of the Environmental Objectives and Targets contained in previous year's report.

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

Tank, drum, pipeline and bund testing and inspection report.

Reported Incidents and Complaints summaries.

Review of Nuisance Controls.

Reports on financial provision made under this licence, management and staffing structure of the facility, and a programme for public information

Volume of wastewater produced and volume of wastewater transported off-site.

Assessment of the effectiveness of dust and noise control measures at the facility.

Any other items specified by the Agency.

Note 1: Content to be revised subject to the agreement of the Agency after cessation of waste acceptance at the facility.

Signed on behalf of the said Agency
on the 20th day of September 2002

Breda Sheehan, Authorised Person