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Johnstown Castle Estate
County Wexford
Ireland

WASTE LICENCE

Waste Licence	207-1
Register Number:	
Licensee:	Cavan Waste Disposal Limited
Location of Facility:	Killygarry Industrial Park, Cavan, County Cavan.





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WASTE MANAGEMENT ACTS, 1996 TO 2003

WASTE LICENCE

Decision of the Agency, under Section 40(1) of the Waste Management Acts, 1996 to 2003

WasteLicence Register No: 207-1

Further to notice dated the 1st day of February, 2005, the Agency in exercise of the powers conferred on it by the Waste Management Acts, 1996 to 2003, for the reasons hereinafter set out in the attached Decision, grants this waste licence to Cavan Waste Disposal Limited, Killygarry Industrial **Park**, Cavan, County Cavan, to carry on the waste activities set out below at Cavan Waste Disposal Limited, Killygarry Industrial **Park**, Cavan, County Cavan, subject to thirteen conditions, as set out in the schedules attached thereto.

A copy of the Decision is attached.

Licensed Waste Activities

Waste Disposal Activities, in accordance with the Third Schedule of the Waste Management Acts, 1996 to 2003:

Class 11.	Blending or mixture prior to submission to any activity referred to in a preceding paragraph of this Schedule.
Class 12.	Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule.
Class 3.	Storage prior to submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where the waste concerned is produced.

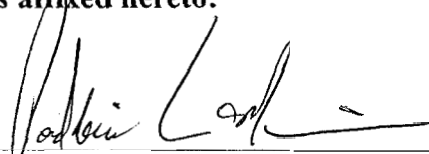


*Waste Recovery Activities, in accordance with the Fourth Schedule
of the Waste Management Acts, 1996 to 2003:*

- | | |
|-----------|---|
| Class 2. | Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes). |
| Class 3. | Recycling or reclamation of metals and metal compounds. |
| Class 4. | Recycling or reclamation of other inorganic materials. |
| Class 11. | Use of waste obtained from any activity referred to in a preceding paragraph of this Schedule. |
| Class 12. | Exchange of waste for submission to any activity referred to in a preceding paragraph of this Schedule. |
| 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. |

Sealed by the seal of the Agency on this the 29th day of June 2005

PRESENT when the seal of the Agency
was affixed hereto:



Padraic Larkin, Director/Authorised Person



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 located at Killygany Industrial Park, Cavan, County Cavan.

The quantity of waste to be accepted at the facility is limited to 24,990 tonnes per annum consisting of household waste, commercial waste, C&D waste and household hazardous waste.

All waste will be processed inside the transfer station by segregating and baling recyclable waste and removing the residual to landfill for disposal. The facility is also licensed to accept a limited quantity of household hazardous waste (e.g. 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 Cavan Waste Disposal Limited will operate and manage this facility.

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DECISION & REASONS FOR THE DECISION

Reasons for the Decision

On the basis of the information before it, the Environmental Protection Agency is satisfied that the waste activity, or activities, licensed hereunder in Part I will comply with the requirements of Section 40(4) of the Waste Management Acts, 1996 to 2003.

In reaching this decision the Environmental Protection Agency has considered the application and supporting documentation received from the applicant, an objection received and the reports of its inspectors.

Glossary of Terms

All terms in this licence should be interpreted in accordance with the definitions in the Waste Management Acts 1996 to 2003, (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.
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 Techniques.
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.
CEN	Comité Européen De Normalisation - European Committee for Standardisation.
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	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.
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 10.4.
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.
Fortnightly	A minimum of 24 times per year, at approximately two week intervals.
Green waste	Waste wood (excluding processed 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.
Hours of Waste Acceptance	The hours during which the facility is authorised to accept waste.
Incident	The following shall constitute an incident for the purposes of this licence: <ul style="list-style-type: none"> a) an emergency; b) any emission which does not comply with the requirements of this licence; c) any exceedence of 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.
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.
Landfill Directive	Council Directive 1999/31/EC.
Licence	A Waste Licence issued in accordance with the Acts.
Licensee	Cavan Waste Disposal Limited.

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 I.S. EN 585-2:2003 (installations for the separation of light liquids).
Recyclable Materials	Those waste types, such as cardboard, batteries, gas cylinders, etc, which may be recycled.
Quarterly	At approximately three monthly intervals.
Sanitary Authority	Cavan County Council.
Sample(s)	Unless the context of this licence indicates to the contrary, samples shall include measurements by electronic instruments.
SOP	Standard Operating Procedure.
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.
Standard Method	A National, European or internationally recognised procedure (e.g., I.S. EN, ISO, CEN; BS or equivalent), as in-house documented procedure based on the above references, a procedure as detailed in the current edition of "Standard Methods for the Examination of Water and Wastewater", (prepared and published jointly by A.P.H.A., A.W.W.A & W.E.F), American Public Health Association, 1015 Fifteenth Street, N.W., Washington DC 20005, USA ; or, an alternative method as may be agreed by the Agency.
TOC	Total Organic Carbon.
Trade Effluent	Drainage from waste transfer building, wheelwash, truck wash, ramp, weighbridges vehicle cleaning and ejector trailer parking areas and run-off from hardstanding areas associated with waste processing.
Trigger Level	A parameter value specified in the licence, the achievement or exceedence of which requires certain actions to be taken by the licensee.

- 1
- 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.
- EPA Working Day** Refers to the following hours; 9.00 a.m. to 5.30 p.m. Monday to Friday inclusive.

Part I Schedule of Activities Licensed

In pursuance of the powers conferred on it by the Waste Management Acts, 1996 to 2003, the Environmental Protection Agency (the Agency), under Section 40(1) of the said Act hereby grants this Waste Licence to Cavan Waste Disposal Limited to carry on the waste activity/activities listed below at Killygarry Industrial Park, Cavan, County Cavan 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 2003

Class 11.	Blending or mixture prior to submission to any activity referred to in a preceding paragraph of this Schedule.
Class 12.	Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule.
Class 13.	Storage prior to submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where the waste concerned is produced.

Licensed Waste Recovery Activities, in accordance with the Fourth Schedule of the Waste Management Acts 1996 to 2003

Class 2.	Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).
Class 3.	Recycling or reclamation of metals and metal compounds.
Class 4.	Recycling or reclamation of other inorganic materials.
Class 11.	Use of waste obtained from any activity referred to in a preceding paragraph of this Schedule.
Class 12.	Exchange of waste for submission to any activity referred to in a preceding paragraph of this Schedule.
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.

PART II CONDITIONS

CONDITION 1 SCOPE OF THE LICENCE

- 1.1. Waste activities at the facility shall be restricted to those listed 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 Drawing No. B.2 (a) of the application. 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 Acts, 1996 to 2003 only and nothing in this licence shall be construed as negating the licensee’s statutory obligations or requirements under any other enactments or regulations.
4. No hazardous wastes or liquid wastes (excluding household hazardous waste listed in *Schedule A: Waste Acceptance* of this licence) shall be accepted at the facility.
- .5. Waste Acceptance Hours and Hours of Operation
 - 1.5.1 . Waste shall be accepted at the facility only between the hours of 06:00 to 21:30 Monday to Saturday inclusive.
 - 1.5.2. The facility shall be operated only during the hours of 05:30 to 22:00 Monday to Saturday.
 - 1.5.3. Waste shall not be accepted at the facility on Sundays or on Bank Holidays, unless approved in writing by the Agency.

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 by 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; and
- b) details of the responsibilities for each individual named 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 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).

2.3.2.2 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 2.3.2.1. 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) (Condition 12.6).

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.

2.3.2.3 Documentation

- (i) The licensee shall establish and maintain an environmental management documentation system which shall be to the satisfaction of the Agency.

- (ii) The licensee shall issue a copy of this licence to all relevant personnel whose duties relate to any condition of this licence.

2.3.2.4 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.

2.3.2.5 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.

2.3.2.6 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. 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 INFRASTRUCTURE AND OPERATION

- 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 description of the works;
 - as-built drawings of the works; and
 - 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 Security and stockproof fencing and gates shall be installed and maintained as described in Section D.1.a of the licence application. The security fence and gates shall be at the locations shown on Drawing No. D1.2. The base of the fencing shall be set in the ground.

3.4.2 Gates shall be locked shut when the facility is unsupervised.

3.4.3 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.

3.5 Facility Roads and Site Surfaces

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

3.5.2 The licensee shall provide, and maintain an impermeable hardstanding surface in the areas of the facility shown on D1.2. In addition, the floor of the buildings and hardstanding areas at the facility shall be concreted and constructed to British Standard 8110.

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 Within six months from the date of grant of this licence, the licensee shall provide and maintain a Waste Inspection Area and a separate Waste Quarantine Area 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 for collection and safe disposal.

3.7.4 The waste inspection and quarantine areas shall be secured and rendered impervious to the material inspected or stored therein.

3.8 Weighbridge and Wheel Cleaning

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

3.8.2 The wheel cleaner shall be used by all vehicles leaving the facility as required to ensure that no wastewater or waste is carried off-site. All water from the wheel cleaning area shall be directed to the silt trap and oil interceptor prior to discharge.

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:-

- 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.

3.9.2 Within three months from the date of grant of this licence, 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 exceedence 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 6 months of the date of grant of this licence.

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

Within six months of date of grant of licence, the licensee shall install and maintain silt traps and oil interceptors at the facility to ensure that all surface water discharges from the facility pass through a silt trap and oil interceptor prior to discharge. The interceptors shall be a Class I full

retention interceptor and the silt traps and interceptors shall be in accordance with I.S. EN 585-2:2003 (installations for the separation of light liquids).

3.12 Drainage system, pipeline testing

- 3.12.1 Within three months from the date of grant of this licence, all trade effluent sewer gullies, drainage grids and manhole covers shall be painted with red squares whilst all surface water discharge 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.
- 3.12.2 The drainage system, 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.
- 3.12.3 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 Construction and Demolition Waste Recovery Area

- 3.13.1 The construction and demolition waste recovery area shall be as described in Appendix 5 *Waste Handling Procedures* - of the Additional Information to supplement original application submitted 06/09/2004.
- 3.13.2 Within six months of the date of grant of this licence, 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.
- 3.13.3 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.

3.14 Monitoring Infrastructure

3.14.1 Replacement of Infrastructure

- (i) 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.

- 3.15 The licensee shall, within three months of the date of grant of this licence, install in a prominent location on the site a windsock, or other wind direction indicator, which shall be visible from the public roadway outside the site.

- 3.16 The licensee shall operate a weather monitoring station on the site at a location agreed by the Agency, which records conditions of wind speed and direction.

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

CONDITION 4 DECOMMISSIONING

- 4.1. 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. The licensee shall carry out such tests, investigations or submit certification, as requested by the Agency, to confirm that there is no continuing risk to the environment.

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

CONDITION 5 FACILITY OPERATIONS

- 5.1 All waste treatment shall be carried out inside the waste transfer building.
- 5.2 Waste Acceptance and Characterisation Procedures
- 5.2.1 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 (Collection Permit) Regulations, 2001. Copies of these waste collection permits must be maintained at the facility.
- 5.2.2 Waste Acceptance Procedures shall be carried out in accordance with Appendix 5 *Waste Handling Procedures* - of the Additional Information to Supplement Original Application submitted 06/09/04.
- 5.2.3 Waste arriving at the facility shall be inspected at the point of entry to the facility and subject to this inspection be directed to the Waste Transfer Building or designated storage/recovery areas. Each load of waste arriving at the Waste Transfer Building shall be inspected upon tipping within this building. Only after such inspections shall the **waste be processed for disposal or recovery.**
- 5.2.4 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.
- 5.2.5 Waste shall be accepted at the facility only 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. There shall be no casual public access to the facility.
- 5.3 Operational Controls
- 5.3.1 The floor of the waste transfer building shall be washed 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, or as a minimum on a weekly basis.

- 5.3.2 Scavenging shall not be permitted at the facility.
- 5.3.3 Gates shall be locked shut when the facility is unsupervised.
- 5.3.4 The licensee shall provide and use adequate lighting during the operation of the facility in hours of darkness.
- 5.3.5 Fuels shall be stored only at appropriately banded locations on the facility.
- 5.3.6 All tanks and drums shall be labelled to clearly indicate their contents.

5.4 Off-site Disposal and Recovery

- 5.4.1 Waste sent off-site for recovery or disposal shall be conveyed only by a waste contractor agreed by the Agency.
- 5.4.2 All waste transferred from the facility shall be transferred only to an appropriate facility agreed by the Agency.
- 5.4.3 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.

5.5 Trade Effluent Management

- 5.5.1 Trade effluent treatment shall be as outlined in Section J5 of the original application.
- 5.5.2 Trade effluent stored in the on-site storage tanks shall be tankered off-site in fully enclosed road tankers to a designated Cavan County Council Wastewater Treatment Plant, subject to prior approval from the Local Authority, and disposed of there.

5.6 Maintenance

- 5.6.1 All 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.
- 5.6.2 The licensee shall maintain the shredder and compactor in accordance with the manufacturers' instructions.

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(s) SW1 and SW5 are:-

a) Mineral Oils 5mg/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.

6.4. 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 Trade Effluent

6.6.1. No trade effluent shall be discharged to surface water. Foul water stored in the on-site storage tanks shall be tankered off-site in fully enclosed road tankers to a designated Cavan County Council Wastewater Treatment Plant.

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 The measures and infrastructure as described in Attachment F.5 - *Litter Control* of the Additional Information submitted 06/09/04 shall be applied to control litter at the facility.

7.3.2 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.

7.3.3 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 All putrescible waste for disposal stored overnight at the facility, shall be stored in suitably covered and enclosed containers within the Waste Transfer Building, and shall be removed from the facility within forty-eight hours, seventy-two hours in the case of a Bank Holiday.

7.4.2 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.

7.4.3 The licensee shall install and provide adequate measures for the control of odours and dust emissions, including fugitive dust emissions, at the Waste Transfer Building. Such measures shall at a minimum include the following:-

7.4.3.1 Dust curtains, or equivalent approved by the Agency, 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.

7.4.3.2 Unless otherwise agreed by the Agency, all buildings processing putrescible waste shall be maintained at negative air pressure with ventilated gases being subject to treatment as specified by the Agency.

7.4.3.3 Installation of an odour management system.

7.4.3.4 Provision of 100% duty capacity and 20% stand by capacity, back ups and spares must be provided for the air handling, ventilation and abatement plant.

7.5 Nuisance Mitigation

7.5.1 Landscaping of the facility shall be carried out within twelve months of the date of grant of this licence.

7.5.2 The existing hedgerow network which forms the boundary of the facility shall be retained by the licensee as indicated in Attachment C.7 – Landscape of the application.

7.5.3 Within six months of the date of grant of this licence, the licensee shall agree and implement a landscaping programme.

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: 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 manufacturers' 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. 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 to be monitored. The drawing(s) shall include the eight-digit national grid reference of each monitoring point.

- 8.7. 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.
- 8.8. 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.
- 8.9. All automatic monitors and samplers shall be functioning at all times (except during maintenance and calibration) when the activity is being carried on, unless alternative sampling or monitoring has been agreed, in writing, by the Agency for a limited period. In the event of the malfunction of any continuous monitor, the licensee shall contact the Agency as soon as practicable, and alternative sampling and monitoring facilities shall be put in place. Prior written agreement for the use of alternative equipment, other than in emergency situations, shall be obtained from the Agency.
- 8.10. Noise Monitoring
- The licensee shall carry out noise monitoring at the locations set out in *Schedule D: Monitoring of this licence*.
- 8.11. Trade Effluent Monitoring
- Wastewater monitoring shall be undertaken as set out in *Schedule D: Monitoring of this licence*.
- 8.12. Surface Water Monitoring
- The licensee shall carry out surface water monitoring at the locations set out in *Schedule D: Monitoring of this licence*.
- 8.13. Emissions to Atmosphere & Air Quality Monitoring
- Emissions to Atmosphere & Air Quality Monitoring shall be undertaken as set out in *Schedule D: Monitoring of this licence*.

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

CONDITION 9 RESOURCE USE AND ENERGY EFFICIENCY

- 9.1 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 licensee shall consult with the Agency on the nature and extent of the audit and shall develop an audit programme to the satisfaction of the Agency. The audit programme shall be submitted to the Agency in writing at least one month before the audit is to be carried out. A copy of the audit report shall be available on-site for inspection by authorised persons of the Agency and a summary of the audit findings shall be submitted as part of the Annual Environmental Report. The energy efficiency audit shall be repeated at intervals as required by the Agency.
- 9.2 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 2.3.2.1 above.

- 9.3 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.
- 9.4 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 10 CONTINGENCY ARRANGEMENTS

- 10.1 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:-
 - * identify and put in place measures to avoid reoccurrence of the incident; and
 - identify and put in place any other appropriate remedial action.
- 10.2 The licensee shall, within six months of the date of grant of this licence, ensure that a documented Emergency Response Procedure (ERP) is in place, which shall address any emergency situation which may originate on-site. This procedure shall include provision for minimising the effects of any emergency on the environment. This procedure shall be reviewed annually and updated as necessary.
- 10.3 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.
- 10.4 Emergencies
- 10.4.1** In the event of a complete 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.
- 10.4.2 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.
- 10.4.3 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 11 RECORDS

- 11.1 The licensee shall as a minimum keep the following documents at the site:-
- 11.1.1 The licences relating to the facility;
 - 11.1.2 The current EMS for the facility;
 - 11.1.3 The previous year's AER for the facility;
 - 11.1.4 Records of all sampling, analyses, measurements, examinations, calibrations and maintenance carried out in accordance with the requirements of this licence and all other such monitoring which relates to the environmental performance of the facility;
 - 11.1.5 An up-to-date site drawing/plan showing the locations of key process and environmental infrastructure, including monitoring locations and emission points;
 - 11.1.6 Relevant correspondence with the Agency; and,
 - 11.1.7 An up to date site drawings/plans showing the location of key process and environmental infrastructure, including monitoring locations and emission points.
- and this documentation shall be available to the Agency for inspection at all reasonable times.
- 11.2 The licensee shall maintain a record for each load of waste arriving at and departing from the facility. The licensee shall record the following:-
- 11.2.1 The date;
 - 11.2.2 The name of the carrier (including if appropriate, the waste carrier registration details);
 - 11.2.3 The vehicle registration number;
 - 11.2.4 The name of the producer(s)/collector(s) of the waste as appropriate;
 - 11.2.5 The name of the waste facility (if appropriate) from which the load originated including the waste licence or waste permit register number;
 - 11.2.6 A description of the waste including the associated EWC codes;
 - 11.2.7 The quantity of the waste, recorded in tonnes;
 - 11.2.8 The name of the person checking the load;
 - 11.2.9 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
 - 11.2.10 Where applicable a consignment note number (including transfrontier shipment notification and movement/tracking form numbers, as appropriate).
- 11.3 A full record, which shall be open to inspection by authorised persons of the Agency at all times, shall be kept by the licensee on matters relating to the waste management operations and practices at this site. This record shall be maintained on a monthly basis and shall as a minimum contain details of the following:

- 11.3.1 The tonnages and EWC Code for the waste materials imported and/or sent off-site for disposal/recovery.
- 11.3.2 The names of the agent and carrier of the waste, and their waste collection permit details, if required (to include issuing authority and vehicle registration number).
- 11.3.3 Details of the ultimate disposal/recovery destination facility for the waste and its appropriateness to accept the consigned waste stream, to include its permit/licence details and issuing authority, if required.
- 11.3.4 Written confirmation of the acceptance and disposal/recovery of any hazardous waste consignments sent off-site.
- 11.3.5 Details of all wastes consigned abroad for Recovery and classified as 'Green' in accordance with the EU Transfrontier Shipment of Waste Regulations (Council Regulation EEC No. 259/1993, as amended). The rationale for the classification must form part of the record.
- 11.3.6 Details of any rejected consignments.
- 11.3.7 Details of any approved waste mixing.
- 11.3.8 The results of any waste analyses required under *Schedule C. Emission Limits* of this licence.
- 11.3.9 The tonnages and EWC Code for the waste materials recovered/disposed on-site.
- 11.4 The licensee shall maintain a record of all complaints relating to the operation of the activity. Each such record shall give details of the following:-
 - 11.4.1 Date and time of the complaint;
 - 11.4.2 The name of the complainant;
 - 11.4.3 Details of the nature of the complaint;
 - 11.4.4 Actions taken on foot of the complaint and the results of such actions; and,
 - 11.4.5 The response made to each complainant.
- 11.5 A record shall be kept of each consignment of trade effluent or leachate removed from the facility. The record shall include the following:
 - 11.5.1 The name of the carrier;
 - 11.5.2 The date and time of removal of trade effluent or leachate from the facility;
 - 11.5.3 The volume of trade effluent or leachate, in cubic metres, removed from the facility on each occasion;
 - 11.5.4 The name and address of the Waste Water Treatment Plant to which the trade effluent or leachate was transported; and
 - 11.5.5 Any incidents or spillages of trade effluent or leachate during its removal or transportation.
- 11.6 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:-
 - 11.6.1 The date and time during which spraying of insecticide is carried out;
 - 11.6.2 Contractor details;

- 11.6.3 Contractor logs and site inspection reports;
- 11.6.4 Details of the rodenticide(s) and insecticide(s) used;
- 11.6.5 Operator training details;
- 11.6.6 Details of any infestations;
- 11.6.7 Mode, frequency, location and quantity of application; and,
- 11.6.8 Measures to contain sprays within the facility boundary.

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

CONDITION 12 REPORTS AND NOTIFICATIONS

- 12.1 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, products or wastes to be generated or accepted, or
 - b) Any changes in:
 - The site management and control with adverse environmental significance,shall be carried out or commenced without prior notice to, and without the prior written agreement of, the Agency.
- 12.2 Unless otherwise agreed by the Agency, all reports and notifications submitted to the Agency shall:-
- a) be sent to the Agency's Castlebar Regional Inspectorate;
 - b) comprise one original and two 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.
- 12.3 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 10.1(a-f), to the Agency as soon as practicable and in any case within five working days after the occurrence of any incident;
- c) in the event of any incident which relates to discharges to surface/sewer water, notify Cavan County Council and/or the Northern Regional Fisheries Board as soon as practicable and in any case not later than 10:00am on the following working day after such an incident; and
- 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.

12.4 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 and European Union waste policies and shall include, as relevant, 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; and
- e) the recovery of commercial waste, including cardboard.

12.5 Vermin and Flies

Within three months of the date of this licence, 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.

12.6 Annual Environmental Report

12.6.1 The licensee shall submit to the Agency for its agreement, by 31 March of each calendar year, an Annual Environmental Report (AER).

12.6.2 The AER shall include as a minimum the information specified in *Schedule F: Content of Annual Environmental Report* 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 13 CHARGES AND FINANCIAL PROVISIONS

13.1 Agency Charges

13.1.1 The licensee shall pay to the Agency an annual contribution of €5,438 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 2003. The first payment shall be a pro-rata amount for the period from the date of this licence to the 31st day of December, and shall be paid to the Agency within one month from the date of the licence. 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 2003, and all such payments shall be made within one month of the date upon which demanded by the Agency.

13.1.2 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.

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

h

SCHEDULE A : Waste Acceptance

A.1 Process Limitations

The following waste related processes are authorised:

- Shredding, crushing, baling, repackaging processes
- Sorting & storage of waste
- Recovery of dry recyclables
- Storage & repackaging of Household Hazardous Waste
- C&D Waste Recovery (incl. crushing, screening, sorting and baling)
- Receipt and Transfer of Waste

No additions to these processes are permitted unless agreed in advance by the Agency.

A.2 Waste Acceptance

Table A.2 Waste Categories and Quantities

WASTE TYPE	MAXIMUM (TONNES PER ANNUM) ^{Note 1}
Household Waste	10,000
Commercial & Industrial Waste ^{Note 2}	7,990
C&D Waste	7,000
TOTAL	24,990

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

Note 2: The Commercial & Industrial waste shall only consist of dry recyclables, and not contain any putrescible waste.

SCHEDULE B : Specified Engineering Works

Specified Engineering Works
Installation of silt traps and oil interceptors.
Installation of dust/odour system.
Installation of waste handling, processing, recycling/recovery infrastructure and installation of increased waste processing capacity.
Installation of surface water run-off drainage systems.
Installation of wheel wash and associated infrastructure.
Installation of Waste Quarantine Area.
Any other works notified in writing by the Agency.

SCHEDULE C : Emission Limits

C.1 Noise Emissions: (Measured at the monitoring points indicated in *Table D.1.1*).

Day dB(A) $L_{Aeq}(30 \text{ minutes})$	Night dB(A) $L_{Aeq}(30 \text{ minutes})$
55	45

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

Level ($\text{mg}/\text{m}^2/\text{day}$) ^{Note 1}
350

Note 1: 30 day composite sample with the results expressed as $\text{mg}/\text{m}^2/\text{day}$.

C.3 Surface Water Discharge Limits: (Measured at the monitoring points SW-1 and SW-5).

Parameter	Emission Limit Value
Mineral oils	5mg/l

R

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 and J.1.0 (Revision 2) of the application.

Table D.1.1 Noise, surface water and trade effluent Monitoring Locations

NOISE	SURFACE WATER	DUST	TRADE EFFLUENT
STATIONS	STATIONS	STATIONS	STATIONS
N1	SW-1	D2	One effluent monitoring location ^{Note 1}
N2	sw-2	D5	
N4	sw-4		
N5	SW-5		
Any noise sensitive locations			

0.2 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.

0.3 Noise

Table D.3.1 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 band analysis)	Annual	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
pH	Quarterly	Electrometry
Chemical Oxygen Demand	Quarterly	Standard Method
Ammoniacal Nitrogen	Quarterly	Standard Method
Chloride	Quarterly	Standard Method
Sulphate	Quarterly	Standard Method
Suspended Solids	Quarterly	Standard Method
Conductivity	Quarterly	Standard Method
Mineral Oils	Quarterly	Standard Method

Note 1: The contaminated surface water run-off held in a dedicated oil interceptor shall be monitored prior to discharge to the drainage ditch for the following parameters: pH, Chemical Oxygen Demand, Ammoniacal Nitrogen, Chloride and Conductivity. The licensee shall maintain a written record of these monitoring results.

D.5 Wastewater Emissions

Table D.5.1 Wastewater tankered off-site - Monitoring Frequency and Techniques

Parameter	Monitoring Frequency	Analysis Method/Technique
pH	Bi-annually	Electrometry
Biological Oxygen Demand	Bi-annually	Standard Method
Chemical Oxygen Demand	Bi-annually	Standard Method
Suspended Solids	Bi-annually	Standard Method
Ammoniacal nitrogen	Bi-annually	Standard Method
Mineral Oil	Bi-annually	Standard Method
Sulphate	Bi-annually	Standard Method

SCHEDULE E : Recording and Reporting to the Agency

Recurring Reports

Report	Reporting Frequency ^{Note 1}	Report Submission Date
Environmental Management System Updates	Annually	As part of the AER
Annual Environment Report (AER)	Annually	By 31 March of each calendar year, commencing 2006.
Record of incidents	As they occur	Within five days of the incident.
Bund, tank and container integrity assessment	Every three years	Six months from the date of grant of licence and every three years thereafter as part of the AER.
Specified Engineering Works reports	As they arise	Prior to the works commencing.
Monitoring of Surface Water Quality	Quarterly	Ten days after end of the quarter being reported on.
Monitoring of trade effluent	Quarterly	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	Annually	As part of the AER
Energy Efficiency Audit Report	As they occur	Twelve months from the date of grant of licence
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.

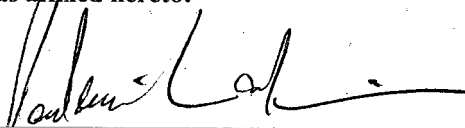
Volume of trade effluent produced and transported off-site.

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.

Sealed by the seal of the Agency on this the 29th day of June, 2005

PRESENT when the seal of the Agency was affixed hereto:



Pahraic Larkin, Director

