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WASTE LICENCE PROPOSED DECISION

Waste Licence	57-1
Register Number:	
Applicant:	Donegal County Council
Location of Facility:	Carndonagh Waste Transfer Station and Civic Amenity Site, Carndonagh, Co. Donegal

Table of Contents

	Page No.
REASONS FOR THE DECISION	1
PART I: ACTIVITIES LICENSED	1
INTERPRETATION	2
PART II: CONDITIONS	4
CONDITION 1 SCOPE	4
CONDITION 2 MANAGEMENT OF THE ACTIVITY	5
CONDITION 3 NOTIFICATION AND RECORD KEEPING	7
CONDITION 4 SITE INFRASTRUCTURE	9
CONDITION 5 WASTE ACCEPTANCE AND HANDLING	11
CONDITION 6 ENVIRONMENTAL NUISANCES	11
CONDITION 7 EMISSIONS AND ENVIRONMENTAL IMPACTS	12
CONDITION 8 DECOMMISSIONING AND AFTERCARE	14
CONDITION 9 ENVIRONMENTAL MONITORING	14
CONDITION 10 CONTINGENCY ARRANGEMENTS	15
CONDITION 11 CHARGES AND FINANCIAL PROVISIONS	15
SCHEDULE A Waste Activities	17
SCHEDULE B Content of the Environmental Management Programme	18
SCHEDULE C Content of the Annual Environmental Report	18
SCHEDULE D Recording and Reporting to the Agency	19
SCHEDULE E Monitoring	21
SCHEDULE F Emission Limits	23

Reasons for the Proposed Decision

Waste Licence Register Number: 57-1
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The Agency is satisfied, on the basis of the information available, that subject to compliance with the conditions of this licence any emissions from the activity will comply with and not contravene any of the requirements of Section 40(4) of the Waste Management Act, 1996.

Part I: Activities Licensed

In pursuance of the powers conferred on it by the Waste Management Act, 1996, the Environmental Protection Agency (the Agency) proposes, under Section 40(1) of the said Act, to grant this Waste Licence to Donegal County Council, County House, Lifford, Co. Donegal to carry on the waste activities listed below at Carndonagh, Donegal, subject to 11 No. 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 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 Disposal Activities, in accordance with the Fourth Schedule
of the Waste Management Act, 1996*

- 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.

INTERPRETATION

Act	The Waste Management Act, 1996 (No. 10 of 1996).
Adequate lighting	20 lux measured at ground level.
Agreement	Agreement in writing.
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, including any other material submitted to the Agency in writing by the licensee between the date of the application and the date of grant of this licence.
BATNEEC	Best Available Technology Not Entailing Excessive Cost as defined in Section 5 (2) of the Act.
Commercial waste	As defined in Section 5 (1) of the Act.
Containment boom	A boom which can contain spillages and prevent these from entering drains or watercourses.
Daytime	0800 hours to 2200 hours.
Emission	As defined in Section 5 (1) of the Act.
Environmental Pollution	As defined in Section 5 (1) of the Act.
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.
Facility	That area or areas defined under Condition 1.3 of this licence.
Foul Water	Any reference in this licence refers to washwater, foul sewage, or contaminated firewater.
Hazardous Waste	As defined in Section 4 (2) of the Act.
Household Waste	As defined in Section 5 (1) of the Act.
Industrial waste	As defined in Section 5 (1) of the Act.
Incident	Any reference to an incident in this licence means an incident as defined in Condition 3.1.
Landfill	A waste disposal facility used for the deposit of waste onto or under land as defined in Section 5 (1) of the Act.

Licence	A Waste Licence granted in accordance with the Act.
Licensee	Donegal County Council.
Liquid Waste	Any waste in liquid form and containing less than 20% dry matter.
Maintain	Keep in a fit state to adequately perform its function.
Monthly	At least 12 times per year, at approximately monthly intervals.
Municipal Waste	As defined in Section 5 (1) of the Act.
Night-time	2200 hours to 0800 hours.
Non hazardous waste	Non-Hazardous Waste is any waste which is not a hazardous waste as defined in the Act.
Recovery	As defined in Section 4 (4) of the Act.
Sludge	The accumulation of solids resulting from chemical coagulation, flocculation and/or sedimentation after water or wastewater treatment.
Specified Emissions	Those emissions listed in Schedule F of this licence.
Trigger Level	A parameter value which when achieved or exceeded requires certain actions to be taken.
Waste	As defined in Section 4 (1) of the Act.
Waste disposal activity	Includes the activities referred to in Section 4 of the Act and listed in the Third Schedule thereto.
Waste recovery activity	Includes the activities referred to in Section 4 of the Act and listed in the Fourth Schedule thereto.
White Goods	Refrigerators, cookers, ovens and other similar appliances.
Working Day	Monday to Friday 08:00 to 20:00, Saturday 08.00 to 13:00.

Part II: CONDITIONS

CONDITION 1 SCOPE

- 1.1 The waste activities authorised by this licence are listed and described in *Schedule A: Waste Activities*. Waste activities at the facility shall be restricted to those listed in Schedule A and any restrictions set down therein.
- 1.2 This licence revokes the Certificate of Registration for Carndonagh Civic Amenity, dated 9th October 1998, as granted by the Agency under the Waste Management (Permit) Regulations of 1998.
- 1.3 Waste activities shall be restricted to the area of land outlined in red on the Site Plan, Drawing No.B.2.A "Site Map for Carndonagh Transfer Station" of the waste licence application received as further information by the Agency on 2nd December 1998. Any reference in this licence to "facility" shall mean the area thus outlined in red.
- 1.4 Wherever a condition of this licence requires the licensee to submit a plan, programme, or proposal to the Agency for its agreement, the licensee shall subsequently modify such documentation in accordance with, and within the time stated in, any written instructions from the Agency. The actions described therein shall be carried out within any timescale specified in writing by the Agency but shall not be undertaken without the prior written agreement of the Agency.
- 1.5 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.
- 1.6 Where the Agency considers that a non-compliance with the conditions of this licence has occurred, it may serve a notice on the licensee specifying:
 - a) that only those wastes as specified, if any, in the notice are to be accepted at the facility after the date specified in the notice;
 - b) 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 any time-scale contained in the notice; and,
 - c) any other requirement specified in the notice be carried out.

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 confirmation is received from the Agency that the notice is withdrawn.

Reason: To clarify the scope of this licence.

CONDITION 2 MANAGEMENT OF THE ACTIVITY

2.1 Environmental Management System.

2.1.1 The licensee shall within eighteen months from the date of grant of this licence, 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 agreement.

2.1.2 The EMS shall include as a minimum those elements specified in the Conditions 2.2 to 2.8 below:

2.2 Schedule of Environmental Objectives and Targets.

2.2.1 The licensee shall, within twelve months from the date of grant of this licence, submit to the Agency for its agreement a Schedule of Objectives and Targets. The objectives should be specific and the targets measurable.

2.2.2 The Schedule shall address a five year period as a minimum and shall be reviewed and submitted annually to the Agency for its agreement.

2.3 Environmental Management Programme.

2.3.1 The licensee shall, within twelve months from the date of grant of this licence, submit to the Agency for its agreement an Environmental Management Programme (EMP). The EMP shall include a time-scale for achieving the Schedule of Objectives and Targets and shall comply with any other guidance issued by the Agency.

2.3.2 The EMP shall include, as a minimum, the information specified in *Schedule B: Content of the Environmental Management Programme*. The EMP shall be reviewed and submitted to the Agency for its agreement annually.

2.4 Corrective Action.

2.4.1 Prior to the acceptance of any waste at the facility, the licensee shall establish and maintain written Corrective Action Procedures to ensure that corrective action is taken should specified requirements to this licence not be fulfilled.

2.5 Awareness and Training.

2.5.1 Prior to the acceptance of any waste at the facility, the licensee shall establish and maintain Awareness and Training Procedures for identifying training needs and for providing appropriate training, for personnel whose work is related to the licensed facility. Written records of training shall be maintained.

2.6 Management Structure.

2.6.1 Within three months from the date of grant of this licence, the licensee shall submit written details of the management structure of the facility for the agreement of the Agency. Any proposed changes in the management structure shall be submitted in writing to the Agency for its agreement. 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;
- b) details of the responsibilities for each individual named under a) above;
- c) details of the relevant experience, competence and qualifications held by each of the persons nominated under a) above; and
- d) contingency arrangements for the absences of the named persons from the facility.

2.7 Communications.

2.7.1 Within twelve months from the date of grant of this licence, the licensee shall submit for agreement to the Agency a Communications Programme to ensure that members of the public can obtain information concerning the environmental performance of the facility at all reasonable times.

2.8 Annual Environmental Report.

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

2.8.2 The AER shall include as a minimum the information specified in *Schedule C Content of Annual Environmental Report* and shall be prepared in accordance with any relevant written guidelines issued by the Agency.

2.9 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 suitably qualified and experienced deputy, shall be present at all times during the operation of the facility.

2.10 The licensee shall ensure that personnel performing specifically assigned tasks shall be qualified on the basis of appropriate education, training and/or experience, as required and shall be aware of the requirements of this licence.

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

CONDITION 3 NOTIFICATION AND RECORD KEEPING

- 3.1 The licensee shall make written records of the following incidents:
- a) any emission which results in the contravention of any relevant standard, including any standard for an environmental medium, or any relevant emission limit value, prescribed under any relevant enactment;
 - b) any emission which does not comply with the requirements of this licence;
 - c) any trigger level specified in this licence or in the EMS which is attained or exceeded;
 - d) any malfunction of any environmental control system;
 - e) any indication that contamination has, or may have, taken place;
 - f) the cessation of waste activities at the facility for a period in excess of 28 days, and their recommencement;
 - g) any occurrence with the potential for environmental pollution; and,
 - h) any emergency.
- 3.2 The written record specified in Condition 3.1 shall include all aspects described in Condition 10.5
- 3.3 Unless otherwise instructed in writing by the Agency, the licensee shall notify the Agency by telephone and facsimile as soon as practicable and in any case not later than 10.00am the following working day after the occurrence of any incident.
- 3.4 Unless otherwise instructed in writing by the Agency, the licensee shall submit the written record to the Agency as soon as is practicable and in any case within five working days after the occurrence of any incident.
- 3.5 Should any further actions be taken after the date of written notification, 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.
- 3.6 In the event of any incident which relates to discharges to surface water, the licensee shall notify the Northern Regional Fisheries Board, as soon as practicable by telephone and in writing (by facsimile if available) and in any case not later than 10:00am on the following working day after such an incident.
- 3.7 Copies of all reports, monitoring and analysis results and interpretations required by this licence, shall be forwarded to the Agency's Headquarters or to such other alternative location as agreed with the Agency at the reporting frequencies set out in this licence. The format of all reports and method of reporting shall be in accordance with any written instructions or guidance of the Agency. All monitoring results must be accompanied by a written interpretation of those results setting out their significance. Each report and drawing, including each modification, shall be identified with a unique code. An original and three copies of all reports and results shall be provided to the Agency.

- 3.8 Unless otherwise agreed in advance in writing with the Agency, the licensee must give at least fourteen days notice to the Agency of the following events:
- 3.8 .1 the cessation of waste disposal activities at the facility for a period in excess of twenty-eight days;
 - 3.8 .2 the re-commencement of waste disposal activities at the facility following a period of cessation referred to at 3.8.1 above.
- 3.9 All written records, reports and other documents submitted to the Agency shall be certified accurate and representative by the licensee.
- 3.10 Unless otherwise agreed in writing with the Agency, all written records, reports and other documents required to be maintained under this licence, shall be retained by the licensee.
- 3.11 The licensee shall provide copies of any written records, reports and other documents referred to in this licence to the Agency upon written request, within the time specified in writing by the Agency.
- 3.12 The licensee shall keep the following documents at the facility office shown in Drawing No. 2A "Preliminary Site Layout" of the application:
- a) the current waste licence relating to the facility;
 - b) any previous waste licence in respect of the facility;
 - c) the current EMS for the facility;
 - d) the previous year's AER for the facility;
 - e) all written procedures produced by the licensee which relate to the licensed activities.
- 3.13 The licensee shall maintain a written record for each load of waste arriving at, and being removed from, the facility. The licensee shall record the following:
- a) the name of the carrier (local authority/private contractor);
 - b) the vehicle registration number;
 - c) the name of the producer(s)/collector(s) of the waste as appropriate;
 - d) a description of the waste;
 - e) the quantity of the waste, recorded in tonnes;
 - f) the name of the person checking the load; and,
 - g) 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.
- 3.14 The licensee shall assign and clearly label a unique reference code to each container at the site. In addition, the following shall be recorded:
- a) the start time at which filling of the container with compacted waste commenced;
 - b) the time at which the container was sealed;
 - c) the time at which the container was removed from the facility; and
 - d) the total number of containers being stored overnight on a daily basis.
- 3.15 The licensee shall maintain a written record of all complaints of an environmental nature related 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.

Reason : To provide for the notification of incidents, to update information on the activity and to provide for the keeping of records.

CONDITION 4 SITE INFRASTRUCTURE

4.1 The licensee shall establish all infrastructure referred to in this licence prior to the commencement of the licensed activities or as agreed in advance in writing with the Agency.

4.2 Site Notice Board

4.2.1 Within three months from the date of grant of this licence, the licensee shall provide and maintain a notice board on the facility so that it is legible to persons outside the main entrance to the facility. The minimum dimensions of the identification board shall be 1200mm by 750 mm.

4.2.2 The board shall clearly show:

- a) the name and telephone number of the facility;
- b) the normal hours of opening;
- c) the name, address and telephone number of the licence holder;
- d) an emergency out of hours contact telephone number;
- e) the name, address and telephone number of the operator of the facility;
and,
- f) the licence reference number.

4.3 Site Security

4.3.1 The licensee shall install and maintain security palisade fencing and appropriate gates, of minimum height 2m, around the facility. Details of the security fencing and gates shall be submitted to the Agency within three months of the date of grant of the licence.

4.3.2 Any defect in the gates and/or fencing shall be remedied as follows:

4.3.2.1 a temporary repair shall be made by the end of the working day; and

4.3.2.2 a repair to the standard of the original fence shall be undertaken within three working days or as agreed in writing with the Agency.

4.3.3 Gates shall be kept locked shut when the facility is unsupervised.

- 4.4 Site Roads
- 4.4.1 The licensee shall maintain access roads (hardcore based tar) and hardstanding areas (reinforced concrete).
- 4.5 The licensee shall submit as built drawings of the transfer station building to the Agency within three months of the date of grant of the licence.
- 4.6 The licensee shall maintain an office on the facility, at the location shown in Drawing Number 2A "Preliminary Site Layout" of the licence application. The office shall be maintained in a manner suitable for the processing and storing of documentation. The licensee shall provide and maintain a working telephone in the site office.
- 4.7 The licensee shall provide and maintain receptacles at the civic waste facility at locations shown in Drawing 2A "Preliminary Site Layout" unless otherwise agreed in writing with the Agency. All receptacles shall be clearly labelled to indicate their contents.
- 4.8 The licensee shall submit, within three months of the date of grant of this licence and prior to commencement of waste disposal activities on-site, to the Agency for its agreement, a drawing detailing a waste inspection area.
- 4.9 The licensee shall submit, within three months of the date of grant of this licence and prior to commencement of waste disposal activities on-site, to the Agency for its agreement, a drawing detailing the area designated for storage of waste containers.
- 4.10 The licensee shall provide and use adequate site lighting during the operation of the facility in hours of darkness.
- 4.11 Surface Water
- 4.11.1 The licensee shall submit, within three months of the date of grant of this licence and prior to commencement of waste disposal activities on-site, to the Agency for its agreement, a drawing detailing the facility surface water runoff connection to the adjacent drain.
- 4.11.2 The licensee shall install an oil-water interceptor on the surface water drainage system at a point prior to discharge to the adjacent drain. The licensee shall submit, within three months of the date of grant of this licence, to the Agency for its agreement, a drawing detailing the construction and location of the oil-water interceptor.
- 4.12 Settling Tank
- 4.12.1 The licensee shall submit to the Agency for its agreement, within three months of the date of grant of this licence and prior to commencement of waste disposal activities on-site, a drawing(s) detailing the foul sewer network, details of the settling tank as constructed and its connection to the foul sewer.
- 4.12.2 The settling tank shall be tested for integrity prior to commencement of waste disposal activities on-site and at least once every three years thereafter. A report on the integrity and any maintenance or remedial work arising shall be submitted to the Agency as specified in Schedule D.
- 4.13 All tanks and containers shall be labelled to clearly indicate their contents.

Reason: To provide for the protection of the environment

CONDITION 5 WASTE ACCEPTANCE AND HANDLING

- 5.1 Only household waste, commercial waste and those waste types outlined in Table E.1.3. "Non-Hazardous Waste Types" of the waste licence application shall be accepted at the facility unless subject to the prior written agreement of the Agency.
- 5.2 Within six months of the date of grant of this licence, the licensee shall submit to the Agency for its agreement, written procedures for the acceptance of waste.
- 5.3 All tipping of waste will be either into the hopper for disposal or in to a receptacle for recovery, or in the case where inspection is required, onto a designated inspection area.
- 5.4 The quantity of wastes to be accepted at the facility shall not exceed 5,000 tonnes per annum unless otherwise agreed in writing in advance with the Agency.
- 5.5 Waste shall only be accepted at the facility two days per week unless subject to the prior written agreement of the Agency. The licensee shall submit, within three months of the date of grant of this licence and prior to commencement of waste disposal activities on-site, to the Agency for its agreement the days and hours of operation of the facility.
- 5.6 All waste accepted into the Transfer Station for compaction shall be compacted within 12 hours unless otherwise agreed in writing with the Agency.
- 5.7 At the end of the working day the floor of the Transfer Station, the hopper and the compactor will be cleaned of all waste.
- 5.8 Unless subject to the prior written agreement of the Agency, a maximum of 3 enclosed waste containers (including sealed containers of compacted waste or fully enclosed collection vehicles containing waste), shall be stored on the facility overnight. These containers shall be stored at areas clearly designated for this purpose.
- 5.9 The licensee shall operate and maintain the compactor system as detailed in Attachment E.5 of the waste licence application.
- 5.10 Scavenging shall not be permitted at the facility.
- 5.11 Waste sent off-site for recovery/disposal shall only be conveyed to a waste facility agreed in advance by the Agency.

Reason: To provide for the acceptance and management of wastes authorised under this waste licence

CONDITION 6 ENVIRONMENTAL NUISANCES

- 6.1 All compacted waste shall be removed from the facility within forty eight hours of being compacted, unless subject to the prior written agreement of the Agency.
- 6.2 The licensee shall, at a minimum of one week intervals, inspect the facility and its immediate surrounds for nuisances caused by vermin and odours. Written records shall be made of all inspections and any actions taken as a result of these inspections.

- 6.3 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.
- 6.4 In dry weather, site roads and any other areas used by vehicles shall be sprayed with water as and when required to minimise airborne dust nuisance.
- 6.5 All loose litter accumulated within the facility and its environs, shall be removed and appropriately disposed of on a daily basis.
- 6.6 Any waste placed on or in the vicinity of the facility, other than in accordance with the requirements of this licence, shall be removed by the licensee immediately, and in any event by 10:00am of the next working day, when such waste is discovered. Such waste shall be disposed of at an appropriate facility.
- 6.7 The licensee shall ensure that all vehicles delivering waste to and from the waste transfer station are adequately secured to prevent spillage.
- 6.8 The licensee shall ensure that all operations on site shall be carried out in a manner such that air emissions and/or odours do not result in significant impairment of, or significant interference with amenities or the environment beyond the site boundary.
- 6.9 The licensee shall ensure that vermin do not give rise to nuisance at the facility or the immediate environment of the facility. The licensee shall submit, within three months of the date of grant of the licence, in writing to the Agency for its agreement details of vermin control.

Reason: To provide for the control of nuisances.

CONDITION 7 EMISSIONS AND ENVIRONMENTAL IMPACTS

- 7.1 No specified emission from the facility shall exceed the emission limit values set out in *Schedule F: Emissions* of this licence. There shall be no other emissions of environmental significance.
- 7.2 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.
- 7.3 Emissions to Sewer
 - 7.3 .1 All foul water shall discharge to foul sewer.
 - 7.3 .2 No substance shall be present in emissions to sewer in such concentrations as would constitute a danger to 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.
 - 7.3 .3 No emission to sewer shall take place which gives rise to any reaction within the sewer or to the liberation of by-products which may be of environmental significance. In particular the emission shall not contain any liquid matter (including petroleum spirits or organic solvents) or thing which is or may be liable to set or congeal at average sewer temperature or is capable of giving off

any flammable or explosive gas or any acid, alkali or other substance in sufficient concentration to cause corrosion to sewer pipes, penstock and sewer fittings or the general integrity of the sewer.

- 7.3 .4 Non-trade effluent wastewater (e.g. firewater, accidental spillage) which occurs on-site shall not be discharged to the sewer without the prior written authorisation of the Sanitary Authority.
- 7.3 .5 Effluent shall be screened prior to discharge to sewer to remove solids and avoid blockages in the sewer.
- 7.3 .6 The licensee shall provide and maintain an inspection chamber in a suitable position in connection with each pipe through which the trade effluent is being discharged. 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.
- 7.3 .7 The licensee shall submit monitoring results to the Sanitary Authority on a bi-annual basis.
- 7.3 .8 The licensee shall permit authorised persons of the Agency and the Sanitary Authority to inspect, examine and test, at all reasonable times, any works or apparatus installed in connection with the trade effluent and to take samples of the trade effluent.

7.4 Emissions to Surface Water

- 7.4 .1 Discharges to surface water shall only be made at the location shown on Drawing No 2A with grid reference as detailed in Table 1.14 "Surface Water Emission" of the licence application.
- 7.4 .2 The drainage system and oil interceptor, as required under Condition 4.11.2, shall be inspected weekly, desludged as necessary and properly maintained at all times. A written record shall be kept of the inspections, desludging, cleaning, maintenance and performance of the interceptors.

Reason: To control emissions from the facility and provide for the protection of the environment

CONDITION 8 DECOMMISSIONING AND AFTERCARE

- 8.1. A proposal for a Decommissioning and Aftercare Plan for the facility shall be submitted to the Agency within six months of the date of grant of the licence. The licensee shall update these schemes when required in writing by the Agency and submit proposed amendments to the Agency for its agreement.

Reason: To provide for the decommissioning and aftercare of the facility.

CONDITION 9 ENVIRONMENTAL MONITORING

- 9.1 The licensee shall carry out such monitoring and at such frequencies as set out in *Schedule E: Monitoring* and as specified by the conditions of this licence.
- 9.2 The licensee shall submit, within three months of the date of grant of this licence and prior to commencement of waste disposal activities on-site, to the Agency for its agreement a drawing, detailing monitoring points for noise, surface water and emission(s) to sewer.
- 9.3 The licensee shall provide safe and permanent access to all on-site sampling and monitoring points and off-site points as required by the Agency.
- 9.4 Monitoring and analytical equipment shall be operated and maintained in accordance with the manufacturers instructions so that all monitoring results accurately reflect any emission or discharge or other environmental parameter.
- 9.5 The licensee shall amend the frequency, locations, methods and scope of monitoring, sampling, analyses and investigations 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.
- 9.6 Unless otherwise agreed in writing with the Agency, a written record shall be kept of the names, position, qualifications and a summary of relevant experience of all persons who carry out any sampling and monitoring as required by this licence and who provide the interpretation of the results of such sampling and monitoring.
- 9.7 The licensee shall maintain all sampling and monitoring points so that they may be used for the representative sampling and monitoring of emissions from the facility.

Reason: To ensure compliance with the requirements of other conditions of this licence by provision of a satisfactory system of measurement and monitoring of emissions

CONDITION 10 CONTINGENCY ARRANGEMENTS

- 10.1 The licensee shall, within six months from the date of grant of licence, submit a written Emergency Response Procedure (ERP) to the Agency for its agreement. The ERP shall address any emergency situation which may originate on the facility and shall include provision for minimising the effects of any emergency on the environment.
- 10.2 The licensee shall have in storage an adequate supply of containment booms and 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.
- 10.3 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 No waste shall be burnt within the boundaries of the facility. A fire at the facility shall be treated as an emergency. Immediate action shall be taken to extinguish it and the appropriate authorities notified.
- 10.5 In the event that any monitoring, sampling or observations indicate that an incident has, or may have, taken place, 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;
 - c) isolate the source of the 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) identify and put in place measures to avoid recurrence of the incident; and,
 - g) identify and put in place any other appropriate remedial action.

Reason: To provide for the protection of the environment.

CONDITION 11 CHARGES AND FINANCIAL PROVISIONS

11.1 Agency Charges

- 11.1.1 The licensee shall pay to the Agency an annual contribution of £3,694 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 2000 and subsequent years, not later than January 31 of each year, pay to the Agency this amount updated in accordance with changes in the Consumer Price Index from the date of the grant of the licence to the renewal date. The updated amount shall be notified to the licensee by the Agency. For 1999, the

licensee shall pay a pro rata amount from the date of grant of this licence to December 31 1999. This amount shall be paid to the Agency within one month from the date of grant of this licence.

- 11.1.2 In the event that the frequency or extent of monitoring or other functions carried out by the Agency needs to be increased due to an incident occurring on or adjacent to the facility and associated with the facility, the licensee shall contribute such sums as determined by the Agency to defraying its costs.

11.2 Financial Provision for Decommissioning, Restoration and Aftercare

- 11.2.1 The licensee shall from a date to be set by the Agency establish and maintain a fund, or other form of approved security, that is adequate to assure the Agency that the licensee is at all times financially capable of implementing the Decommissioning and Aftercare Plan required by Condition 8.1. The type of fund and means of its release/recovery shall be agreed in writing by the Agency prior to its establishment.
- 11.2.2 The fund shall be maintained in an amount always sufficient to underwrite the current Decommissioning and Aftercare Plan.
- 11.2.3 The licensee shall revise the cost of decommission, restoration and aftercare annually and any details of the necessary adjustments to the fund must, within two weeks of the revision, be forwarded to the Agency for agreement. Any adjustment agreed by the Agency shall be effected within four weeks of said written agreement.
- 11.2.4 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 decommission, restoration and aftercare cost

ECOST = Existing decommission 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 Activities

Activities authorised by the licence shall be restricted to those described below.

WASTE MANAGEMENT ACT,1996: THIRD SCHEDULE <small>Note 1</small>	
Class 12:	Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule. The transfer of waste into containers at the facility before being transported to specially engineered landfill.
Class 13:	Storage prior to submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where the waste concerned is produced. The temporary storage of waste, enclosed in compacted containers, prior to transport to landfill.

Note 1: Any reference to a Class is to be taken as being a class in the Third Schedule of the Waste Management Act, 1996.



WASTE MANAGEMENT ACT,1996: FOURTH SCHEDULE <small>Note 1</small>	
Class 11	Use of waste obtained from any activity referred to in a preceding paragraph of this Schedule Waste may be accepted for recovery.
Class 12	Exchange of waste for submission to any activity referred to in a preceding paragraph of this Schedule. Waste may be exchanged 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. The temporary storage of waste, before collection by recycling/recovery companies.

Note 1: Any reference to a Class is to be taken as being a class in the Fourth Schedule of the Waste Management Act, 1996.

SCHEDULE B Content of the Environmental Management Programme

Environmental Management Programme

Timescale for achieving the objectives and targets listed in the Schedule of Objectives and Targets

Designation of Responsibility for Achieving Targets and Objectives

Other items to be specified in writing by the Agency

SCHEDULE C Content of the Annual Environmental Report

Annual Environmental Report Content

Reporting Period.

Waste activities carried out at the facility.

Quantity and Composition of waste received during the reporting period.

Summary report on emissions (Certified results/data sheets to be attached as Appendices).

Summary of results and interpretations of environmental monitoring.

Resource and energy consumption summary.

Proposed future development of the site and time-scale of such development.

Volume of foul water produced and volume of foul water transported/discharged off-site.

Report on development works undertaken during the reporting period.

Environmental Management Programme - Proposal

Environmental Management Programme - Report

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 operation of the facility.

Settling tank bund testing and inspection report.

Reported incidents summary.

Complaints summary.

Report on financial provision made under this licence.

Report on management and staffing structure of the facility.

Report on programme for public information.

SCHEDULE D Recording and Reporting to the Agency

Table D(i) Recurring Reports

Report	Reporting Frequency ^{Note 1}	Report Submission Date
Environmental Management System Updates	Annually	One month after the end of the year reported on.
Annual Environment Report (AER)	Annually	Eighteen months from the date of grant of licence and one month after the end of each year thereafter.
Record of Incidents	As they occur	Within three days of the incident.
Cessation/Re-activation of an activity in accordance with Condition 3.8	As they arise	Fourteen days in advance of cessation/re-activation of waste disposal at the facility.
Settlement tank integrity assessment	Every three years	Six months from the date of grant of licence and one month after end of the three year period being reported on.
Noise Monitoring	Annually	One month after end of the year being reported on.
Monitoring of Surface Water Quality	Biannually	Ten days after end of the period being reported on.
Monitoring of Foul Water Quality	Biannually	Ten days after end of the period being reported on.

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



Table D(ii) Once-off Reports

Report	Report Submission Date
<p>Environmental Management System</p> <ul style="list-style-type: none"> (i) Environmental Management System (ii) Schedule of Environmental Objectives and Targets (iii) Environmental Management Programme (iv) Management Structure (v) Communications Programme 	<p>Item (i) within eighteen months, items (ii), (iii) and (v) within twelve months and item (iv) within three months of the date of grant of the licence.</p>
<p>Infrastructure</p> <ul style="list-style-type: none"> (i) Details of security fencing and gates (ii) As built drawings of the transfer station building (iii) Drawing detailing of waste inspection area (iv) Drawing detailing storage area for waste containers (v) Drawing(s) detailing the foul sewer network, details of the settling tank as constructed and its connection to the foul sewer (vi) Drawing(s) detailing the connection of the surface water drainage system to the drain adjacent to the facility (vii) Drawing(s) of location and details of oil-water interceptor 	<p>Items (i) (ii) (vii) within three months of the date of grant of the licence, and items (iii) to (vi) within three months of the date of grant of this licence and prior to commencement of waste disposal activities on-site.</p>
<p>Waste Acceptance</p> <ul style="list-style-type: none"> (i) Days and hours of operation of the facility (ii) Written procedures for the acceptance of waste 	<p>Item (i) within three months of the date of grant of this licence and prior to commencement of waste disposal activities on-site and item (ii) within six months of the date of grant of the licence.</p>
<p>Nuisances</p> <ul style="list-style-type: none"> (i) Details of vermin control 	<p>Within three months of the date of grant of the licence</p>
<p>Decommissioning And Aftercare</p> <ul style="list-style-type: none"> (i) A proposal for a Decommissioning and Aftercare Plan for the facility 	<p>Within six months of the date of grant of the licence.</p>
<p>Environmental Monitoring</p> <ul style="list-style-type: none"> (i) Revised drawing showing monitoring points 	<p>Within three months of the date of grant of this licence and prior to commencement of waste disposal activities on-site.</p>
<p>Emergency Response Procedure</p>	<p>Within six months of the date of grant of the licence.</p>



SCHEDULE E Monitoring

All monitoring frequencies and programmes listed in this Schedule are subject to alteration under Condition 9.5 or as a result of an incident.

E.1 Noise

Noise Monitoring Point Reference Numbers:

Drawing showing noise monitoring locations (N1, N2, N3) and Grid references to be submitted within three months of the date of grant of this licence.

The frequency and method of sampling and analysis are listed in the following table:

Table E.1.1 Noise Monitoring

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."



E.2 Surface Water^{Note 1} and Foul Water

The frequency and method of sampling and analysis are listed in the following table:

Table E.2.1 Surface Water Monitoring

Parameter	Monitoring Frequency	Analysis Method/Technique
Visual Inspection	Weekly	Not applicable
Ammoniacal Nitrogen	Biannual	ISE / Colorimetry
BOD	Biannual	Electrometry / Titrimetry with nitrification inhibitor
COD	Biannual	Digestion + Colorimetry/Titrimetry
Chloride	Biannual	Colorimetry / Ion Chromatography
Dissolved Oxygen	Biannual	Electrometry
Electrical Conductivity	Biannual	Electrometry
pH	Biannual	Electrometry
Total Suspended Solids	Biannual	Gravimetry
Temperature	Biannual	Thermometry
Coliforms (total, faecal)	Annually	Membrane filtration or MPN using referenced procedures

Note 1. The drawing showing surface water monitoring point locations and grid references to be supplied within three months of the date of grant of this licence

Table E.2.2 : Foul water Monitoring (see Note 1)

Parameter	Monitoring Frequency	Analysis Method/Technique
Flow	Weekly	See Note 2
Ammoniacal Nitrogen	Biannual	ISE / Colorimetry
BOD	Biannual	Electrometry / Titrimetry with nitrification inhibitor
COD	Biannual	Digestion, Colorimetry / Titrimetry
Odour / Visual Inspection	Biannual	Not applicable
pH	Biannual	Electrometry
Temperature	Biannual	Thermometry
Total Suspended Solids	Biannual	Gravimetry
Sulphate	Annually	Ion Chromatography / Turbidimetric / Colorimetry

Note 1. Foul water to be discharged to Carndonagh sewer.

Note 2. Foul water discharge to be calculated and monitored weekly.



SCHEDULE F Emission Limits

F.1 Foul water Emissions

Emission Point Reference No. Drawing showing sewer connection location(s) and grid reference(s) to be submitted within three months of the date of grant of this licence.
Volume to be emitted: Maximum in any one day: 10.0m³



F.2 Noise Emissions: (Measured at the noise monitoring points to be submitted within three months of the date of grant of this licence).

Table F.2 Noise Emission Limits

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

Given by the Agency on the 12th day of March 1999.

Signed on behalf of the said Agency

on the 12th day of March 1999

_____ P Nolan

Authorised Person