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WASTE LICENCE PROPOSED DECISION

Waste Licence Register Number:	62-1
Applicant:	Donegal County Council
Location of Facility:	Churchtown Landfill Churchtown, Lifford, Co. Donegal

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Reasons for the Decision

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

In reaching this decision the Agency has considered the application and supporting documentation received from the applicant and the report of its inspector.

Part I Activities Licensed

In pursuance of the powers conferred on it by the Waste Management Act, 1996, the 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 **Churchtown Landfill, Churchtown, Lifford, Co. Donegal** subject to **eleven** 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 1:** Deposit on, in or under land (including landfill). ^{Note 1}
- Class 4:** Surface impoundment, including placement of liquid or sludge discards into pits, ponds or lagoons.
- 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.

Note 1: This activity is limited to the disposal of inert waste only at the facility.

INTERPRETATION

Act	The Waste Management Act, 1996 (No. 10 of 1996).
Aerosol	A suspension of solid or liquid particles in a gaseous medium.
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.
Appropriate facility	A waste management facility, duly authorised under relevant law and technically suitable.
BATNEEC	Best Available Technology Not Entailing Excessive Cost as defined in section 5 (2) of the Act.
Condition	A condition of this licence. In any case where this licence refers to a numbered condition, the reference shall be taken to mean the condition and any sub-condition therein which the context of the reference requires that reference is made to
Containment boom	A boom which can contain spillages and prevent these from entering drains or watercourses.
Cover material	Bricks, crushed concrete, tarmac, earth, soil, sub-soil, stone, rock or other similar natural materials; or other cover material the use of which has been subject to a proposal made by the licensee for the Agency's agreement.
Daytime	08:00 hrs to 22:00 hrs.
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.
Emission	As defined in Section 5 (1) of the Act.
Emission Limit Value	Those limits, including concentration limits and deposition levels established in Schedule G: Emission Limits.
Environmental Pollution	As defined in Section 5 (1) of the Act.
European Waste	The EWC is a harmonised, non-exhaustive list of wastes drawn up by

Catalogue (EWC)	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 1.2
Inert waste	Waste that does not undergo any significant physical, chemical or biological transformations. Inert waste will not dissolve, burn or otherwise physically or chemically react, biodegrade or adversely affect other matter with which it comes into contact in a way likely to give rise to environmental pollution or harm human health. The total leachability and pollutant content of the waste and the ecotoxicity of the leachate must be insignificant, and in particular not endanger the quality of surface water and/or groundwater.
Incident	Any reference to an incident in this licence means an incident as defined in Condition 3.1.
Landfill	As defined in Section 5 (1) of the Act.
Landfill Gas	Gases generated from the landfilled waste.
Leachate	Any liquid percolating through the deposited waste and emitted from or contained within a landfill as defined in Section 5 (1) of the Act.
LEL (Lower Explosive Limit)	The lowest percentage concentration by volume of a mixture of flammable gas with air which will propagate a flame at 25°C and atmospheric pressure.
Licence	A Waste Licence issued in accordance with the Act.
Licensee	Donegal County Council, County House, Lifford, Co. Donegal.
List I/II Organics	Substances classified pursuant to EC Directives 76/464/EEC and 80/68/EEC
Liquid Waste	Any waste in liquid form and containing less than 20% dry matter
Maintain	Keep in a fit state, including such regular inspection, servicing 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	At least 12 times per year, at approximately monthly intervals.
Night-time	22:00 hrs to 08:00 hrs.
Quarterly	A period of three calendar months, the first period of which commences on the date of grant of this licence
Recovery	As defined in Section 4 (4) of the Act.
Sample(s)	Unless the context of this licence indicates to the contrary, samples shall include measurements by electronic instruments.

Specified Emissions	Those emissions listed in Schedule G: Emission Limits of this licence.
Specified Engineering Works	Those engineering works listed in Schedule E: Specified Engineering Works of this licence.
Submit	Unless the context of this licence indicates otherwise, submit to the Agency in writing for agreement
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.
Working Day	8:30 to 17:00 Monday to Friday and 9:00 to 13:00 on Saturday.
Working Face	The area of the site in which waste other than cover material or material for the purposes of the construction of specified engineering works is being deposited.

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: Waste Activities and any restrictions set down therein.
- 1.2. Waste activities shall be restricted to the area of land outlined in red on Drawing No. *3026.24/A02* 'Site Plan' of the application. Any reference in this licence to "facility" shall mean the area thus outlined in red.
- 1.3. Every plan, programme or proposal submitted to the Agency for agreement pursuant to any condition of this licence shall include a proposed timescale for its implementation. The Agency may modify or alter any such plan, programme or proposal in so far as it considers such modification or alteration to be necessary. Every plan, programme or proposal shall be carried out within the timescale fixed by the Agency but shall not be undertaken without the agreement of the Agency.
- 1.4. 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.
- 1.5. 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 set down 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 the time-scale contained in the notice; and,
 - c) that the licensee shall carry out any other requirement specified in the notice.

When the notice has been complied with, the licensee shall provide written confirmation that the requirements of the notice have been carried out. No waste, other than that which is stipulated in the notice, shall be accepted at the facility until written 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 *twelve 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 The licensee shall, within *six months* from the date of grant of this licence, 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 The licensee shall, within *six months* from the date of grant of this licence, 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 *six 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 guidance 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 shall include all aspects described in *Condition 10.6 (a) to (e)*.
- 3.3 Unless otherwise instructed in writing by the Agency, the licensee shall:
- a) notify the Agency by telephone, and by facsimile if available, as soon as practicable and in any case not later than 10.00 am the following working day after the occurrence of any incident; and
 - b) submit the written record required by this condition to the Agency as soon as practicable and in any case within *five working days* after the occurrence of any incident.
- 3.4 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.
- 3.5 Unless otherwise agreed by the Agency, all documentation submitted to the Agency shall:
- (a) be sent to the Agency's headquarters;
 - (b) comprise one original and three copies;
 - (c) be formatted in accordance with any written instruction or guidance issued by the Agency;
 - (d) be identified by a unique code, indicate any modification or amendment, and be correctly dated to reflect any such modification or amendment;
 - (e) be submitted in accordance to the relevant reporting frequencies specified by this licence;
 - (f) be certified as accurate and representative by the licensee; and
 - (g) in the case of results of any environmental monitoring, be accompanied by a written interpretation setting out their significance.
- 3.6 Copies of all environmental monitoring data obtained by the licensee which relates to the facility shall be forwarded to the Agency at the frequencies set out in Schedule D: Recording and Reporting to the Agency to this licence.
- 3.7 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.

- 3.8 Unless otherwise agreed with the Agency, all documentation required to be maintained under this licence shall be retained by the licensee.
- 3.9 The licensee shall provide additional copies of any documentation referred to in this licence to the Agency upon written request, within the time specified in writing by the Agency.
- 3.10 Unless otherwise instructed by the Agency, the licensee shall keep the following documents at the facility office referred to in *Condition 4.5*.
- 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.
- 3.11 The licensee shall maintain a written record for each load of waste arriving at the facility. The licensee shall record the following:
- a) the name of the carrier;
 - 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.
- 3.12 The licensee shall maintain a written record of all complaints relating to the operation of the activity. Each such record shall give details of the following:
- a) date and time of the complaint;
 - b) the name of the complainant;
 - c) details of the nature of the complaint;
 - d) actions taken on foot of the complaint and the results of such actions; and,
 - e) the response made to each complainant.

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 as instructed by the Agency.
- 4.2. Site Notice Board
 - 4.2.1. Within *three months* of the date of grant of this licence, a Site Notice Board shall be provided and maintained by the licensee 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 1200 mm 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;
 - f) the licence reference number;
 - g) where and when environmental monitoring information relating to the facility can be obtained.
- 4.3. Site Security
 - 4.3.1. Within *three months* of the date of grant of this licence, the licensee shall carry out a review of the site security arrangements for the facility and submit to the Agency for its agreement a proposal to include any improvements considered necessary.
 - 4.3.2. The licensee shall remedy any defect in the gates and/or fencing as follows:
 - a) a temporary repair shall be made by the end of the working day; and,
 - b) a repair to the standard of the original gates and/or fencing shall be undertaken within three working days or as otherwise agreed with the Agency.
 - 4.3.3. Gates shall be locked shut when the facility is unsupervised.
- 4.4. Site Roads and Hardstanding
 - 4.4.1. A haul road to the tipping area shall be provided and maintained to the specification in Attachment D1.b.
 - 4.4.2. A hardstanding turning area shall be provided and maintained within the facility adjacent to the entrance gate.
- 4.5. Within two months of the date of grant of this licence, the licensee shall provide and maintain a temporary office on the facility. The office shall be of a size that is suitable for the processing and storing of documentation. This temporary office shall be maintained at the facility until such time as otherwise agreed with the Agency.

- 4.6. The licensee shall provide and maintain a working telephone in the office specified in Condition 4.5 above.
- 4.7. Within three months of the date of grant of this licence, a proposal for a Waste Inspection and Quarantine Area shall be submitted to the Agency for its agreement. The licensee shall ensure that this area 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 suitably and clearly segregated from each other. The area shall be installed within the timeframe agreed by the Agency.
- 4.8. The licensee shall provide and use adequate lighting during the operation of the facility in hours of darkness.
- 4.9. Fuel Storage
- 4.9.1. No fuel shall be stored on site unless with the prior agreement of the Agency.
- 4.10. Specified Engineering Works
- 4.10.1. The licensee shall submit a written report on any proposed specified engineering works, as defined in *Schedule E: Specified Engineering Works*, to the Agency for its agreement at least two months prior to any such works being carried out. No such works shall be carried out without the prior written agreement of the Agency.
- 4.10.2. All specified engineering works shall be supervised by a competent person(s) agreed in advance by the Agency and that person, or persons, shall be present at all times during which relevant works are being undertaken.
- 4.10.3. Following the completion of all specified engineering works, the licensee shall complete a construction quality assurance validation report. The validation report shall be made available to the Agency on request. The report shall include the following information
- a) a description of the works;
 - b) as-built drawings of the works;
 - c) records and results of all tests carried out (including failures);
 - d) where relevant a drawing and sections showing the location of all samples and tests carried out;
 - e) daily records sheets/diary;
 - f) name(s) of contractor(s)/individual(s) responsible for undertaking the engineering works;
 - g) name(s) of individual(s) responsible for supervision of works and for quality assurance validation of works;
 - h) records of any problems and the remedial works carried out; and
 - i) any other information requested in writing by the Agency.
- 4.11. Groundwater Control
- 4.11.1. The licensee shall within three months from the date of grant of this licence submit to the Agency for agreement a proposal for the design and location of:
- a) at least one permanent groundwater monitoring borehole up-gradient of the landfill.

- b) at least two permanent groundwater monitoring boreholes down-gradient of the landfill.

4.12. Leachate Management

4.12.1. Within *six months* of the date of grant of this licence, the licensee shall submit proposals to the Agency for agreement for leachate management at the facility.

4.12.2. Within three months of the date of grant of this licence, the licensee shall submit to the Agency for its agreement design details of the leachate monitoring point shown on Drawing No. 3026.24/A12 Revision A 'Monitoring Points' and numbered L1 in Schedule F: Monitoring Table F.4.3 of this licence.

4.12.3. The licensee shall not recirculate leachate over or into the waste body.

4.13. Surface Water Management

4.13.1. The licensee shall within three months from the date of grant of this licence submit to the Agency for its agreement a proposal for the location of:

- a) one permanent surface water monitoring location for the River Finn downstream of the landfill facility.
- b) permanent surface water monitoring locations for all land drains draining from or adjacent to the landfill that are not covered in the surface water monitoring regime given in Schedule F: Monitoring of the licence.

4.13.2. Within six months of the date of grant of this licence, the licensee shall submit to the Agency for its agreement, a management programme for control of surface water at the facility.

4.14. Landfill Gas Management:

4.14.1. Within six months from the date of grant of this licence, the licensee shall submit written proposals for a landfill gas control system, to the Agency for its agreement. The proposals shall include for an active landfill gas control system, incorporating utilisation and flaring.

4.14.2. The licensee shall maintain all gas wells, pipework, valves, pumps, flares and other infrastructure that form part of the landfill gas management scheme in a safe and fully operational manner.

4.15. Capping

4.15.1. Within three months of the date of grant of the licence the licensee shall ensure that all previously deposited waste is covered by an intermediate cover of at least 300mm.

4.15.2. Within six months of the date of grant of this licence, the licensee shall submit to the Agency for its agreement, a proposal for capping the landfill.

Reason: *To provide for the protection of the environment.*

CONDITION 5 WASTE ACCEPTANCE AND HANDLING

- 5.1. From the date of grant of this licence only inert waste shall be disposed of or recovered at the facility.
- 5.2. The amount of inert waste to be disposed of or recovered at the facility shall not exceed 11,000 tonnes per annum. The total amount of waste accepted at the facility shall not exceed that required to achieve the Restoration and Aftercare Plan to be agreed under Condition 8.1.
- 5.3. Within three months of the date of grant of this licence, the licensee shall submit to the Agency for its agreement detailed written procedures for the acceptance of inert waste.
- 5.4. All wastes shall be checked at the working face to ensure that they comply with the requirements of the licence. Any wastes deemed to be in contravention of this licence and/or unsuitable for disposal at this facility shall be removed for disposal at an appropriate alternative facility. Such waste shall be stored in the Waste Quarantine Area only and may be stored for a maximum of twenty-four hours.
- 5.5. Wastes shall not be deposited in any cell or part of the landfill without the prior agreement of the Agency.
- 5.6. Scavenging shall not be permitted at the facility.
- 5.7. Waste shall only be accepted at the facility between the hours of **8:30 to 17:00 Monday to Friday inclusive and 9:00 to 13:00 on Saturdays** unless otherwise agreed in advance with the Agency.
- 5.8. Any cover material at any location within the facility which is eroded, washed off or otherwise removed shall be replaced by the end of the working day.
- 5.9. In order to prevent the formation of voids, all large articles deposited on the site shall be crushed, broken up, flattened or otherwise treated.
- 5.10. Wastes once deposited and covered shall not be excavated, disturbed or otherwise picked over without prior agreement from the Agency.
- 5.11. No smoking shall be allowed on the facility other than in site offices referred to in Condition 4.5.

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

CONDITION 6 ENVIRONMENTAL NUISANCES

- 6.1. 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.
- 6.2. 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.

- 6.3. All loose litter accumulated within the facility and its environs, excluding that which is deposited on the working face, shall be removed and appropriately disposed of on a daily basis.
- 6.4. Within three months of the date of grant of this licence the licensee shall carry out a thorough clean up of litter and waste accumulated around the facility and its immediate surrounds. This clean up shall include collecting and properly disposing of (a) any wind blown litter accumulated in adjacent fields and ditches, subject to the agreement of the landowners, (b) litter accumulated around the perimeter of the facility.
- 6.5. 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, after such waste is discovered. Such waste shall be disposed of at an appropriate facility.
- 6.6. 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.
- 6.7. The licensee shall ensure that the activities shall be carried out in a manner such that odours do not result in significant impairment of, or significant interference with amenities or the environment beyond the facility boundary.
- 6.8. The licensee shall ensure that birds, vermin, flies, dust and litter do not give rise to nuisance at the facility or the immediate area of the facility. **Any method used by the licensee to control any such nuisance shall not cause environmental pollution.**

Reason: *To provide for the control of nuisance.*

CONDITION 7 EMISSIONS AND ENVIRONMENTAL IMPACTS

- 7.1. No specified emission from the facility shall exceed the emission limit values set out in *Schedule G: Emission Limits* 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. 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.
- 7.4. The following are the trigger levels for landfill gas emissions from the facility measured in any service on or immediately adjacent to the facility and/or at any other point located outside the body of the waste:
 - a) Methane, greater than or equal to 1.0% v/v; and
 - b) Carbon dioxide, greater than or equal to 1.5% v/v.
- 7.5. Leachate
 - 7.5.1. Any leachate or other contaminated water removed from the facility shall be transported to a Wastewater Treatment Plant whose name and location has

been agreed in advance by the Agency. Permission for the disposal of leachate at that wastewater treatment plant shall be obtained from the Sanitary Authority on an annual basis. Disposal procedures for the leachate at the Wastewater Treatment Plant shall be in accordance with any written requirements of the Sanitary Authority.

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

CONDITION 8 RESTORATION AND AFTERCARE

- 8.1. Within six months of the date of grant of this licence, the licensee shall submit to the Agency for its agreement a revised and updated Restoration and Aftercare Plan, to be implemented by 31st December 2004, for the facility. The revised plan shall include the proposed final profile of the facility. In preparing the Restoration and Aftercare Plan, the licensee shall have regard to the guidance published in the Agency's *Landfill Manual : "Landfill Restoration and Aftercare"*. A schedule detailing the various stages of restoration, including time scales, shall be included in the Plan.
- 8.2. Completed areas of the landfill shall be profiled so that no depressions exist in which water may accumulate. Any depressions arising after profiling shall be rectified by the emplacement of suitable capping or restoration materials.
- 8.3. No material or object that is incompatible with the proposed restoration of the site shall be present within one metre of the final soil surface levels.

Reason: *To provide for the restoration and aftercare of the facility.*

CONDITION 9 ENVIRONMENTAL MONITORING

- 9.1. The licensee shall carry out such monitoring and at such locations and frequencies as set out in *Schedule F: Monitoring* and as specified in the Conditions of this licence.
- 9.2. Within three months from the date of grant of this licence, the licensee shall submit to the Agency for its agreement, monitoring proposals to detect off-site migration of landfill gas with particular regard to the possible increase in migration following the placement of the capping layer.
- 9.3. Within three months from the date of grant of this licence, the licensee shall submit to the Agency for its agreement a proposal for an annual biological assessment of the River Finn.
- 9.4. Within three months from the date of grant of this licence, the licensee shall submit a written proposal on monitoring of leachate levels within the filled waste to the Agency for its agreement. The report shall include a drawing showing all leachate monitoring locations. The drawing shall also contain a unique reference number and a twelve figure national grid reference for each monitoring point.
- 9.5. 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.

- 9.6. 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 or discharge or environmental parameter.
- 9.7. 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.
- 9.8. Unless otherwise agreed with the Agency, a written record shall be kept of the names, qualifications and a summary of relevant experience of all persons who carry out all sampling and monitoring as required by this licence and who carry out the interpretation of the results of such sampling and monitoring.
- 9.9. 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.
- 9.10. Unless otherwise agreed in advance with the Agency, monitoring infrastructure which proves to be unsuitable for its purpose shall be replaced within one month of monitoring results indicate that the monitoring infrastructure is damaged or unsuitable.
- 9.11. Unless otherwise specified by this licence or agreed by the Agency, all environmental monitoring shall commence no later than two months after the date of grant of this licence.
- 9.12. A topographical survey including the void space shall be carried out within *three months* of the date of grant of this licence. It shall be repeated *annually* thereafter. The survey shall be in accordance with any written instructions issued by the Agency.

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* of the date of grant of this licence, submit a written emergency response procedure (ERP) to the Agency for its agreement. The ERP shall address any emergency situations which may originate on the facility and shall include provision for minimising the effects of any emergency on the environment.
- 10.2 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.
- 10.3 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 monitoring of local wells indicates that the facility is having a significant adverse effect on the quantity and/or quality of the water supply this shall be treated as an incident. The licensee shall submit to the Agency for its agreement and within a time specified in writing by the Agency, written proposals for the provision of an alternative supply of water to those affected.

- 10.6 Unless otherwise notified in writing by the Agency, 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) provide a proposal to the Agency for its agreement within one month to:
 - i) identify and put in place measures to avoid reoccurrence of the incident; and
 - ii) identify and put in place any other appropriate remedial action.

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 £8,667 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 2001 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 licence to the renewal date. The updated amount shall be notified to the licensee by the Agency. For 2000, the licensee shall pay a pro rata amount from the date of this licence to December 31 2000. This amount shall be paid to the Agency within one month of 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 the licensee shall contribute such sums as determined by the Agency to defraying its costs.

11.2 Financial Provision for Closure, Restoration and Aftercare

11.2.1 *The licensee shall from a date to be set by the Agency establish and maintain a fund, or written guarantee, that is adequate to assure the Agency that the licensee is at all times financially capable of implementing the Restoration and Aftercare Plan required by Condition 8.1. The type of fund and means of its release/recovery shall be agreed by the Agency prior to its establishment.*

11.2.2 The fund shall be maintained in an amount always sufficient to underwrite the current Restoration and Aftercare Plan.

11.2.3 The licensee shall revise the cost of 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 restoration and aftercare cost

ECOST = Existing restoration and aftercare cost

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

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

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

SCHEDULE A :Waste Activities

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

Waste Management Act, 1996: Third Schedule ^{Note 1}	
Class 1.	Deposit on, in or under land (including landfill): This activity is limited to the disposal of inert waste only at the facility
Class 4.	Surface impoundment, including placement of liquid or sludge discards into pits, ponds or lagoons: This activity is limited to the management of leachate at the facility subject to prior agreement of the Agency
Class 13.	Storage prior to submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where the waste concerned was produced. This activity is limited to the temporary storage of waste that does not meet the disposal criteria for this facility set out in this licence.

Note 1: Any reference to an activity Class is to be taken as being from the Third Schedule of the Waste Management Act, 1996, unless otherwise stated.

SCHEDULE B :Content of the Environmental Management Programme

Environmental Management Programme
Items specified to be contained in an Environmental Management Plan in the Landfill Operational Practices Manual published by the Agency, or otherwise as agreed with the Agency
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 specified by the Agency

SCHEDULE C :Content of the Annual Environmental Report

Annual Environmental Report Content ^{NOTE 1}

Reporting Period.

Waste activities carried out at the facility.

Quantity and Composition of waste received, disposed of and recovered during the reporting period and each previous year.

Calculated remaining capacity of the facility and year in which final capacity is expected to be reached.

Methods of deposition of waste.

Summary report on emissions.

Summary of results and interpretations of environmental monitoring, including plans of all monitoring locations including 12 digit grid references.

Resource and energy consumption summary.

Proposed development of the site and timescale of such development.

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

Report on development works undertaken during the reporting period, and a timescale for those proposed during the coming year.

Report on restoration of completed cells/ phases.

Site survey showing existing levels of the facility at the end of the reporting period.

Estimated annual and cumulative quantities of landfill gas emitted from the site.

Estimated annual and cumulative quantity of indirect emissions to groundwater.

Monthly water balance calculation and interpretation.

Meteorological 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 facility operation.

Tank, pipeline and bund testing and inspection report.

Reported incidents and Complaints summaries.

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

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.

SCHEDULE D :Recording and Reporting to the Agency

Table D.1 Recurring Reports

Report	Reporting Frequency ^{Note1}	Report Submission Date
Environmental Management System Updates	Annually	One month after the end of the year reported on.
Annual Environment Report (AER)	Annually	Twelve 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 five days of the incident.
Specified Engineering Works reports	As they arise	Prior to the works commencing.
Biological assessment of the River Finn	Annually	One month after end of the year being reported on.
Monitoring of landfill gas	Quarterly	Ten days after end of the quarter being reported on.
Monitoring of Surface Water Quality	Quarterly	Ten days after end of the quarter being reported on.
Monitoring of Groundwater Quality	Quarterly	Ten days after end of the quarter being reported on.
Monitoring of Leachate	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	One month after end of the year being reported on.
Meteorological Monitoring	Annually	One month after end of the year being reported on.
Topographical survey	Annually	Within three months of date of grant of licence and annually thereafter

Note 1: Unless altered at the request of the Agency

Table D.2 Once-off Reports

Report and Contents	Condition Number	Report Submission Date (Number of months within which to submit, from date of granting of licence, unless otherwise specified)
Environmental Management System		
(i) EMS Proposals	2.1	12
(ii) Schedule of Objectives and Targets	2.2	12
(iii) Environmental Management Programme	2.3	12
(iv) Management Structure	2.6	6
(v) Communication Programme	2.7	12
Infrastructure		
(i) Proposals for site security	4.3	3
(ii) Proposals for waste inspection and quarantine area	4.7	3
(iii) Groundwater control	4.11	3
(iv) Leachate management	4.12.1	6
(v) Leachate management (details of monitoring point)	4.12.2	3
(vi) Surface water management (monitoring points)	4.13.1	3
(vii) Surface water management	4.13.2	6
(viii) Proposals for landfill gas management	4.14	6
(ix) Capping	4.15.2	6
Waste Acceptance Procedures		
(i) Waste Acceptance Procedures for inert waste	5.3	3
Restoration and Aftercare		
(i) Proposal for restoration and aftercare plan	8.1	6
Environmental Monitoring		
(i) Locations/grid references of monitoring points as required under Schedule F: Monitoring	9.1	3
(ii) Monitoring proposals to detect off-site migration of landfill gas	9.2	3
(iii) A proposal for the monitoring of leachate levels within the waste	9.4	3
Contingency Arrangements		
(i) Emergency Response Procedures	10.1	6
(ii) Contingency proposals for alternative supply of water to residents if necessary	10.5	If required
Charges & Financial Provisions		
(i) Proposal for Financial Provision	11.2	If required

SCHEDULE E :Specified Engineering Works

Specified Engineering Works

Fencing and site security works.

Construction of waste inspection/quarantine area.

Groundwater management works.

Leachate management works.

Surface water management works.

Landfill gas management works.

Landfill cap installation, including temporary and intermediate capping, installation and all other containment works (including any containment works relating to leachate control).

Restoration and Aftercare Works.

Installation of alternative drinking water supplies.

Any other works notified in writing by the Agency.

SCHEDULE F : Monitoring

Monitoring to be carried out as specified below.

F.1 Landfill Gas

Landfill gas monitoring locations shall be those as set out in [Table F.1.1](#) and as shown on Drawing No. 3026.24/A12 Revision A 'Monitoring Points'.

Table F.1.1 Perimeter Monitoring Locations

STATION ^{Note1}	EASTING ^{Note2}	NORTHING ^{Note2}
LG1		
LG2		
LG3		
LG4		
LG5		
LG6		
LG7		

Note1: Monitoring points numbered CH01 to CH07 on Drawing No. 3026.24/A12 Revision A 'Monitoring Points' to be renumbered LG1 to LG7. A Drawing showing the revised numbers to be submitted to the Agency for agreement within three months of the date of grant of licence.

Note2: Grid references (12 digit) to be submitted to the Agency for its agreement within three months of the date of grant of licence.

Table F.1.2 Landfill Gas Monitoring Frequency and Technique

Parameter	Monitoring Frequency		Analysis Method ^{Note1} /Technique ^{Note2}
	Gas Boreholes/ Vents/Wells	Site Office	
Methane (CH ₄) % v/v	Monthly	Weekly	Infrared analyser/flame ionisation detector
Carbon dioxide (CO ₂)%v/v	Monthly	Weekly	Infrared analyser/ flame ionisation detector
Oxygen(O ₂) %v/v	Monthly	Weekly	Electrochemical cell
Atmospheric Pressure	Monthly	Weekly	Standard
Temperature	Monthly	Weekly	Standard

Note1: All monitoring equipment used should be intrinsically safe.

Note 2: Or other methods agreed in advance with the Agency.

F.2 Dust

Dust monitoring locations shall be those as set out in [Table F.2.1](#).

Table F.2.1 Dust Monitoring Locations

STATION ^{Note1}	EASTING	NORTHING
DG1		
DG2		
DG3		

Note1: Monitoring points DG1, DG2 and DG3 must be positioned at the boundary of the facility to allow for representative monitoring of dust emissions. Locations and grid references (12 digit) to be submitted to the Agency for its agreement within three months of the date of grant of this licence.

Table F.2.2 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) using 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, or as otherwise specified in writing by the Agency.

F.3 Noise

Noise monitoring locations shall be those as set out in [Table F.3.1](#).

Table F.3.1 Noise Monitoring Locations

STATION ^{Note1}	EASTING	NORTHING
N1		
N2		
N3		

Note1: Noise monitoring points N1 to N3 to be positioned at the boundary of the facility. Location of monitoring points and grid references (12 digit) to be submitted to the Agency for its agreement within three months of the date of grant of this licence.

Table F.3.2 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."

F.4 Surface Water, Groundwater and Leachate

Surface water monitoring locations shall be those as set out in Table F.4.1 and as shown on Drawing No. 3026.24/A12 Revision A 'Monitoring Points'.

Table F.4.1 Surface Water Monitoring Locations

STATION ^{Note1}	EASTING ^{Note2}	NORTHING ^{Note2}
SW1		
SW2		
SW3		
SW4		
SW5		
SW6		
As required under Condition 4.13		

Note1: Monitoring points numbered S1 to S6 on Drawing No. 3026.24/A12 Revision A 'Monitoring Points' to be renumbered SW1 to SW6. A Drawing showing the revised numbers to be submitted to the Agency for its agreement within three months of the date of grant of licence.

Note2: Grid references (12 digit) to be submitted to the Agency for its agreement within three months of the date of grant of licence.

Groundwater monitoring locations shall be those as set out in Table F.4.2 and as shown on Drawing No. 3026.24/A12 Revision A 'Monitoring Points'.

Table F.4.2 Groundwater Monitoring Locations

STATION ^{Note1}	EASTING ^{Note2}	NORTHING ^{Note2}
BH1		
BH2		
BH3		
BH4		
Wells as required under Condition 4.11		

Note 1: For BH1 to BH4 monitoring to be undertaken on all nested standpipes.

Note 2: Grid references (12 digit) to be submitted to the Agency for its agreement within three months of the date of grant of this licence.

Leachate monitoring locations shall be those as set out in Table F.4.3 and as shown on Drawing No. 3026.24/A12 Revision A 'Monitoring Points'.

Table F.4.3 Leachate Monitoring Locations

LEACHATE INSPECTION MANHOLES ^{Note1}	EASTING ^{Note2}	NORTHING ^{Note2}
L1		

Note 1: Leachate sampling point shown on Drawing No. 3026.24/A12 Revision A 'Monitoring Points' to be numbered L1. A Drawing showing the revised numbers to be submitted to the Agency for agreement within three months of the date of grant of licence.

Note 2: Grid references (12 digit) to be submitted to the Agency for its agreement within three months of the date of grant of this licence.

Table F.4.4 Water and Leachate - Parameters /Frequency

Parameter ^{Note 1}	SURFACE WATER	GROUNDWATER	LEACHATE
	Monitoring Frequency	Monitoring Frequency	Monitoring Frequency
Visual Inspection/Odour ^{Note 2}	Weekly	Quarterly	Quarterly
Groundwater Level	Not Applicable	Quarterly	Not Applicable
Leachate Level	Not Applicable	Not Applicable	Weekly
Ammoniacal Nitrogen	Monthly	Quarterly	Quarterly
BOD	Monthly	Not Applicable	Quarterly
COD	Quarterly	Not Applicable	Quarterly
Chloride	Quarterly	Quarterly	Quarterly
Dissolved Oxygen	Monthly	Quarterly	Not Applicable
Electrical Conductivity	Monthly	Quarterly	Quarterly
pH	Monthly	Quarterly	Quarterly
Total Suspended Solids	Monthly	Not Applicable	Not Applicable
Temperature	Monthly	Quarterly	Quarterly
Boron	Not Applicable	Annually	Annually
Cadmium	Annually	Annually	Annually
Calcium	Annually	Annually	Annually
Chlorine	Monthly	Not Applicable	Not Applicable
Chromium (Total)	Annually	Annually	Annually
Copper	Monthly	Annually	Annually
Cyanide (Total)	Not Applicable	Annually	Annually
Fluoride	Not Applicable	Annually	Annually
Iron	Annually	Annually	Quarterly
Lead	Annually	Annually	Annually
List I/II organic substances ^{Note 3}	Annually	Annually	Annually
Magnesium	Annually	Annually	Annually
Manganese	Annually	Annually	Annually
Mercury	Annually	Annually	Annually
Potassium	Annually	Quarterly	Quarterly
Sulphate	Annually	Annually	Annually
Sodium	Annually	Quarterly	Quarterly
Total Alkalinity	Annually	Annually	Annually ⁵
Total Phosphorus / orthophosphate	Annually	Annually	Annually
Total Oxidised Nitrogen	Annually	Quarterly	Quarterly
Total Organic Carbon	Not Applicable	Quarterly	Not Applicable
Residue on evaporation	Not Applicable	Annually	Not Applicable
Nitrate	Monthly	Quarterly	Annually
Nitrite	Monthly	Quarterly	Annually
Zinc	Monthly	Annually	Annually
Phenols	Monthly	Quarterly	Not Applicable
Faecal Coliforms ^{Note 4}	Not Applicable	Annually	Annually
Total Coliforms ^{Note 4}	Not Applicable	Annually	Annually

- Note 1: All the analysis shall be carried out by a competent laboratory using standard and internationally accepted procedures. The testing laboratory and the testing procedures shall be agreed with the Agency in advance.
- Note 2: Where there is evident gross contamination of leachate, additional samples should be analysed.
- Note 3: Samples screened for the presence of organic compounds using Gas Chromatography / Mass Spectrometry (GC/MS) or other appropriate techniques and using the list I/II Substances from EU Directive 76/464/EEC and 80/68/EEC as a guideline. Recommended analytical techniques include: volatiles (US Environmental Protection Agency method 524 or equivalent), semi-volatiles (US Environmental Protection Agency method 525 or equivalent, and pesticides (US Environmental Protection Agency method 608 or equivalent). *In cases where large quantities of harbour dredgings have been accepted at the site it is recommended to analyse for organotin compounds. Where there is reason to suspect organophosphorous contamination it is recommended to also scan for these compounds.*
- Note 4: If there is evidence of bacterial contamination, the analysis at up gradient and downgradient monitoring points should include enumeration of total bacteria at 22°C and 37°C and faecal streptococci.
- Note 5: Only to be analysed in instances of on-site treatment of leachate.

F.5 Meteorological Monitoring

Table F.5.1 Meteorological Monitoring:
Data to be obtained from a location to be agreed with the Agency.

Parameter	Monitoring Frequency	Analysis Method/Technique
Precipitation Volume	Daily	Standard
Temperature (min/max.)	Daily	Standard
Wind Force and Direction	Daily	Standard
Evaporation	Daily	Standard
Evapotranspiration	Daily	Standard
Humidity	Daily	Standard
Atmospheric Pressure	Daily	Standard

SCHEDULE G :Emission Limits

G.1 Noise Emissions: (Measured at Noise Sensitive Locations or the monitoring points indicated in [Table F.3.1](#)).

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

G.2 Landfill Gas Concentration Limits: (Measured in any building on or adjacent to the facility).

Methane	Carbon Dioxide
20 % LEL (1% v/v)	1.5 % v/v

G.3 Dust Deposition Limits: (Measured at the monitoring points indicated in [Table F.2.1](#)).

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

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

Part III: Activities Refused

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 refuse the following class of activity.

Refused waste disposal activity, in accordance with the Third Schedule of the Waste Management Act, 1996

Class 2: Land treatment, including biodegradation of liquid or sludge discards in soils.

REASON: The proposed activity would not comply with the requirements of Section 40(4) of the Waste Management Act, 1996.

Given by the Agency on the 30th day of December 1999

Signed on behalf of the said Agency _____

on the 30th day of December 1999

B. Sheehan Authorised Person