

LICENCE REG. NO. W-114-01 HAS BEEN SURRENDERED
AND CEASED TO HAVE EFFECT ON 26 JUNE 2013



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

WASTE TRANSFER STATION

Waste Licence	114-1
Register Number:	
Licensee:	Yellow Bins (Waste Disposal) Limited
Location of Facility:	Donore, Caragh, County Kildare

INTRODUCTION

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

This licence is for the operation of a waste transfer station and recycling facility at Donore, Caragh, County Kildare.

Yellow Bins (Waste Disposal) Limited will be licensed to accept up to 60,000 tonnes of non-hazardous wastes per annum at the facility subject to the installation of an enclosed facility building for waste processing and provision of sufficient waste handling and processing plant. No waste will be permitted to be accepted at the facility prior to the provision of the facility building and agreement of the Agency. All waste processing will be required to be carried out in the enclosed building. The allowable waste types are commercial & industrial, construction & demolition wastes and municipal waste.

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

The conditions of the licence set out in detail the legal constraints under which Yellow Bins (Waste Disposal) Limited shall operate and manage this facility.

It should be noted that this licence is for the purposes of waste licensing under the Waste Management Act 1996 only. It does not negate the licensee's statutory obligations under any other enactments.

Table of Contents

	Page No.
REASONS FOR THE DECISION	1
<i>PART I ACTIVITIES LICENSED</i>	1
INTERPRETATION	2
<i>PART II CONDITIONS</i>	5
CONDITION 1 SCOPE OF THE LICENCE	5
CONDITION 2 MANAGEMENT OF THE FACILITY	6
CONDITION 3 FACILITY INFRASTRUCTURE	8
CONDITION 4 DECOMMISSIONING AND AFTERCARE	12
CONDITION 5 FACILITY OPERATIONS	12
CONDITION 6 EMISSIONS	14
CONDITION 7 NUISANCE CONTROL	15
CONDITION 8 MONITORING	15
CONDITION 9 CONTINGENCY ARRANGEMENTS	16
CONDITION 10 RECORDS	17
CONDITION 11 REPORTS AND NOTIFICATIONS	18
CONDITION 12 CHARGES AND FINANCIAL PROVISIONS	20
SCHEDULE A : Waste Acceptance	21
SCHEDULE B : Specified Engineering Works	21
SCHEDULE C : Emission Limits	21
SCHEDULE D : Monitoring	22
SCHEDULE E : Recording and Reporting to the Agency	24
SCHEDULE F : Content of the Annual Environmental Report	25

DECISION & REASONS FOR THE DECISION

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

In reaching this decision the Agency has considered the application and supporting documentation received from the applicant, all submissions and objections received and the reports of its inspectors.

Part I Activities Licensed

In pursuance of the powers conferred on it by the Waste Management Act, 1996, the Agency, under Section 40(1) of the said Act hereby grants this Waste Licence to Yellow Bins (Waste Disposal) Limited, to carry on the waste activities listed below at Donore, Carragh, County Kildare subject to conditions, with the reasons therefor and the associated schedules attached thereto set out in the licence.

Licensed Waste Disposal Activities, in accordance with the Third Schedule of the Waste Management Act 1996

Class 11.	Blending or mixture prior to submission to any activity referred to in a preceding paragraph of this Schedule. This activity is limited to bulking and transfer of waste.
Class 13.	Storage prior to submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where the waste concerned was produced. This activity is limited to the storage of waste prior to transfer off site to an appropriate facility.

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

Class 2.	Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes): This activity is limited to the recovery of cardboard, paper, wood and plastic and any other recyclable waste agreed with the Agency.
Class 3.	Recycling or reclamation of metals and metal compounds: This activity is limited to the recovery of metal.
Class 4.	Recycling or reclamation of other inorganic materials: This activity is limited to the recovery of glass and other inert wastes agreed with the Agency.
Class 13.	Storage of waste intended for submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where such waste is produced: This activity is limited to the storage of waste prior to recovery at an appropriate facility.

INTERPRETATION

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

Adequate lighting	20 lux measured at ground level.
Agreement	Agreement in writing.
Animal by-products	Any carcass or part of any animal or fish or any product of animal origin not intended for direct human consumption with the exception of animal excreta and catering waste (S.I. No. 257 of 1994).
Annually	At approximately twelve monthly intervals.
Attachment	Any reference to Attachments in this licence refers to attachments submitted as part of the waste licence application.
Application	The application by the licensee for this waste licence.
Appropriate facility	A waste management facility, duly authorised under relevant law and technically suitable.
Biodegradable waste	Any waste that is capable of undergoing anaerobic or aerobic decomposition, such as food, garden waste, sewage sludge, paper and paperboard.
Commercial Waste	As defined in Section 5(1) of the Act.
Condition	A condition of this licence.
Construction and Demolition Waste	All wastes which arise from construction, renovation and demolition activities.
Containment boom	A boom which can contain spillages and prevent them from entering drains or watercourses.
Daytime	8.00 a.m. to 10.00 p.m.
Documentation	Any report, record, result, data, drawing, proposal, interpretation or other document in written or electronic form which is required by this licence.
Drawing	Any reference to a drawing or drawing number means a drawing or drawing number contained in the application, unless otherwise specified in this licence.
Emergency	Those occurrences defined in Condition 9.4
Emission Limits	Those limits, including concentration limits and deposition levels established in Schedule C.
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.
Wastewater	Sewage and drainage from waste transfer building, weighbridge(s), vehicle cleaning, trailer parking areas and run-off from hardstanding areas associated with waste processing/storage.
Green waste	Waste wood (excluding timber), plant matter such as grass cuttings, and other vegetation.

Hours of Operation	The hours during which the facility is authorised to be operational.
Hours of Waste Acceptance	The hours during which the facility is authorised to accept waste.
Industrial Waste	As defined in Section 5(1) of the Act.
Inert waste	Waste that does not undergo any significant physical, chemical or biological transformations. Inert waste will not dissolve, burn or otherwise physically or chemically react, biodegrade or adversely affect other matter with which it comes into contact in a way likely to give rise to environmental pollution or harm human health. The total leachability and pollutant content of the waste and the ecotoxicity of the leachate must be insignificant, and in particular not endanger the quality of surface water and/or groundwater.
Licence	A Waste Licence issued in accordance with the Act.
Licensee	Yellow Bins (Waste Disposal) Limited
Liquid Waste	Any waste in liquid form and containing less than 2% dry matter. Any waste tankered to the facility.
Maintain	Keep in a fit state, including such regular inspection, servicing, calibration and repair as may be necessary to adequately perform its function.
Mobile Plant	Self-propelled machinery used for the emplacement of wastes or for the construction of specified engineering works.
Monthly	A minimum of 12 times per year, at approximately monthly intervals.
Municipal waste	As defined in Section 5(1) of the Act.
Night-time	10.00 p.m. to 8.00 a.m.
Noise Sensitive Location (NSL)	Any dwelling house, hotel or hostel, health building, educational establishment, place of worship or entertainment, or any other facility or area of high amenity which for its proper enjoyment requires the absence of noise at nuisance levels.
Oil Separator	Device installed according to the draft European Standard prEN 858 (Installations for the separation of light liquids, e.g. oil and petrol).
Recyclable Materials	Those waste types, such as cardboard, paper, wood, plastic, metal, glass etc, which may be recycled
Quarterly	At approximately three monthly intervals.
Sample(s)	Unless the context of this licence indicates to the contrary, samples shall include measurements by electronic instruments.
Sludge	The accumulation of solids resulting from chemical coagulation, flocculation and/or sedimentation after water or wastewater treatment with between 2% and 14% dry matter.
Specified Emissions	Those emissions listed in <i>Schedule C: Emission Limits</i> of this licence.
Specified Engineering Works	Those engineering works listed in <i>Schedule B: Specified Engineering Works</i> of this licence.

Trigger Level	A parameter value specified in the licence, the achievement or exceedance of which requires certain actions to be taken by the licensee.
Weekly	During all weeks of plant operation, and in the case of emissions, when emissions are taking place; with no more than one measurement in any one week.
White Goods	Refrigerators, cookers, ovens and other similar appliances.
EPA Working Day	Refers to the following hours; 9.00 a.m. to 5.30 p.m. Monday to Friday inclusive.

PART II CONDITIONS

CONDITION 1 SCOPE OF THE LICENCE

- 1.1 Waste activities at the facility shall be restricted to those listed and described in Part I: Activities Licensed and authorised by this licence.
- 1.2 For the purposes of this licence, the facility is the area of land outlined in red on Drawing No. 00.025/01 Rev.C – *Existing Site Layout Plan* received in Article 16(1) response dated 17/08/01. Any reference in this licence to “facility” shall mean the area thus outlined in red.
- 1.3 This licence is for the purposes of waste licensing under the Waste Management Act 1996 only and nothing in this licence shall be construed as negating the licensee’s statutory obligations or requirements under any other enactments or regulations.
- 1.4 Subject to the requirements of Condition 3.1, only those waste categories and quantities listed in *Schedule A: Waste Acceptance* of this licence shall be accepted at the facility. Under no circumstances shall hazardous waste, liquid waste, animal by-products, sludges or asbestos waste be accepted at the facility.
- 1.5 Within six months of the commencement of waste activities at the facility the licensee shall submit to the Agency for its agreement, proposals for maximising the separation and recovery of appropriate components of waste being accepted at the facility. The licensee shall aim to assist in achieving the targets set out in the government policy document “*Waste Management – Changing Our Ways*”, (Department of the Environment and Local Government, 1998).
- 1.6 Waste Acceptance Hours and Hours of Operation
 - 1.6.1 Waste shall only be accepted at the facility between the hours of 8.30 a.m. to 5.30 p.m. Monday to Saturday inclusive.
 - 1.6.2 The facility shall only be operated during the hours of 8.00 a.m. and 6.00 p.m. Monday to Saturday inclusive.
 - 1.6.3 Waste shall not be accepted at the facility on Sundays or on Bank Holidays, unless agreed in advance with the Agency.
- 1.7 The following shall constitute an incident for the purposes of this licence:
 - a) an emergency;
 - b) any emission which does not comply with the requirements of this licence;
 - c) any exceedance of the daily duty capacity of the waste handling equipment;
 - d) any trigger level specified in this licence which is attained or exceeded; and
 - e) any indication that environmental pollution has, or may have, taken place.
- 1.8 Where the Agency considers that a non-compliance with any condition of this licence has occurred, it may serve a notice on the licensee specifying:
 - 1.8.1 That only those wastes as specified, if any, in the notice are to be accepted at the facility after the date set down in the notice;
 - 1.8.2 That the licensee shall undertake the works stipulated in the notice, and/or otherwise comply with the requirements of the notice as set down therein, within the time-scale contained in the notice; and
 - 1.8.3 That the licensee shall carry out any other requirement specified in the notice

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

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

Reason: *To clarify the scope of this licence.*

CONDITION 2 MANAGEMENT OF THE FACILITY

2.1 Facility Management

- 2.1.1 The licensee shall employ a suitably qualified and experienced facility manager who shall be designated as the person in charge. The facility manager or a nominated, suitably qualified and experienced, deputy shall be present on the facility at all times during its operation.
- 2.1.2 Both the facility manager and deputy, and any replacement manager or deputy, shall successfully complete both the FAS waste management training programme (or equivalent agreed with the Agency) and associated on site assessment appraisal within twelve months of appointment.
- 2.1.3 The licensee shall ensure that personnel performing specifically assigned tasks shall be qualified on the basis of appropriate education, training and experience, as required and shall be aware of the requirements of this licence.

2.2 Management Structure

- 2.2.1 Prior to the commencement of waste activities at this facility, the licensee shall submit written details of the management structure of the facility to the Agency. Any proposed replacement in the management structure shall be notified in advance in writing to the Agency. Written details of the management structure shall include the following information;
- a) the names of all persons who are to provide the management and supervision of the waste activities authorised by the licence, in particular the name of the facility manager and any nominated deputies;
 - b) details of the responsibilities for each individual named under a) above; and
 - c) details of the relevant education, training and experience held by each of the persons nominated under a) above.

2.3 Environmental Management System (EMS)

- 2.3.1 The licensee shall establish and maintain an EMS. Within six months of the commencement of waste activities at this facility, the licensee shall submit to the Agency for its agreement a proposal for a documented Environmental Management System (EMS) for the facility. Following the agreement of the Agency, the licensee shall establish and maintain such a system. The EMS shall be updated on an annual basis with amendments being submitted to the Agency for its agreement.

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

2.3.2.1 Schedule of Environmental Objectives and Targets

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

2.3.2.2 Environmental Management Plan (EMP)

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

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

2.3.2.3 Corrective Action Procedures

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

2.3.2.4 Awareness and Training Programme

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

2.4 Communications Programme

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

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

CONDITION 3 FACILITY INFRASTRUCTURE

- 3.1 The activity shall not be commenced until the infrastructure required under this licence is in place. Waste shall not be accepted at this facility without the written agreement of the Agency.
- 3.2 Specified Engineering Works
- 3.2.1 The licensee shall submit proposals for all Specified Engineering Works, as defined in *Schedule B: Specified Engineering Works*, of this licence to the Agency for its agreement at least two months prior to the intended date of commencement of any such works. No such works shall be carried out without the prior agreement of the Agency.
- 3.2.2 All specified engineering works shall be supervised by a competent person(s) and that person, or persons, shall be present at all times during which relevant works are being undertaken.
- 3.2.3 Following the completion of all specified engineering works, the licensee shall complete a construction quality assurance validation. The validation report shall be made available to the Agency on request. The report shall include the following information;
- a) a description of the works;
 - b) as-built drawings of the works;
 - c) records and results of all tests carried out (including failures);
 - d) drawings and sections showing the location of all samples and tests carried out;
 - e) daily record sheets/diary;
 - f) name(s) of contractor(s)/individual(s) responsible for undertaking the specified engineering works;
 - g) name(s) of individual(s) responsible for supervision of works and for quality assurance validation of works;
 - h) records of any problems and the remedial works carried out to resolve those problems; and
 - i) any other information requested in writing by the Agency.
- 3.3 Facility Notice Board
- 3.3.1 The licensee shall provide and maintain a Facility Notice Board on the facility so that it is legible to persons outside the main entrance to the facility. The minimum dimensions of the board shall be 1200 mm by 750 mm.
- 3.3.2 The board shall clearly show:
- a) the name and telephone number of the facility;
 - b) the normal hours of opening;
 - c) the name of the licence holder;
 - d) an emergency out of hours contact telephone number;
 - e) the licence reference number; and
 - f) where environmental information relating to the facility can be obtained.

- 3.4 Facility Security
- 3.4.1 The security gates shall be at the location shown on Drawing No. *00.025/02 Proposed Site Layout Plan Rev.A* received in Article 16(1) response dated 27/02/01, unless otherwise agreed with the Agency. The base of any fencing shall be set in the ground.
- 3.4.2 The licensee shall remedy any defect in the gates and/or fencing as follows:
- a) a temporary repair shall be made by the end of the working day; and,
 - b) a repair to the standard of the original gates and/or fencing shall be undertaken within three working days.
- 3.5 Facility Roads and Hardstanding
- 3.5.1 Effective site roads shall be provided and maintained to ensure the safe movement of vehicles within the facility.
- 3.5.2 The licensee shall ensure that all facility areas used in relation to the handling and storage of waste and skips/containers are surfaced in concrete and constructed to British Standard 8110 or similar standard agreed in advance with the Agency.
- 3.6 Facility Office
- 3.6.1 The licensee shall provide and maintain an office at the facility. The office shall be constructed and maintained in a manner suitable for the processing and storing of documentation.
- 3.6.2 The licensee shall provide and maintain a working telephone and a method for electronic transfer of information at the facility.
- 3.7 Waste Inspection and Quarantine Areas
- 3.7.1 A Waste Inspection Area and a Waste Quarantine Area shall be provided and maintained within the waste transfer/recovery building.
- 3.7.2 These areas shall be constructed and maintained in a manner suitable, and be of a size appropriate, for the inspection of waste and subsequent quarantine if required. The waste inspection area and the waste quarantine area shall be clearly identified and segregated from each other.
- 3.7.3 Drainage from these areas shall be either collected and treated onsite or, if appropriate, removed offsite for treatment at an appropriate facility agreed with the Agency.
- 3.8 Weighbridge
- 3.8.1 The licensee shall provide and maintain a weighbridge at the facility.
- 3.9 Wheel Cleaning
- 3.9.1 The licensee shall maintain a system for wheel cleaning at the facility.
- 3.10 Waste Transfer/Recovery Building
- 3.10.1 Prior to the acceptance of waste at the facility, the licensee shall provide a waste transfer building. The building shall be such that;
- (i) all waste acceptance, processing and storage areas within the building shall be clearly segregated from each other;
 - (ii) the entire building shall incorporate acoustic barriers; and
 - (iii) all access/exit points for delivery and removal of waste from the building shall be fitted with sliding doors such as indicated in Drawing No. B.P.01 – Floor Plan received in Article 16(1) response dated 27/02/01, unless otherwise agreed with the Agency. Acoustic curtains or equivalent shall also be provided inside these doors.

3.11 Waste handling, ventilation and processing plant

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

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

3.11.2 The quantity of waste to be accepted at the facility on a daily basis shall not exceed the duty capacity of the equipment at the facility. Any exceedance of this intake shall be treated as an incident.

3.11.3 All machinery/plant used on-site shall be fitted with acoustic panels in the engine bays and acoustic mufflers (exhaust silencers).

3.12 Wastewater Treatment System

3.12.1 The licensee shall provide and maintain a wastewater treatment system at the facility, which is capable of treating wastewater arising onsite. This system shall satisfy the criteria set out in both the Wastewater Treatment Manual: *Treatment Systems for Single Houses* (EPA, 2000) and “*Groundwater Protection Responses for On-site Wastewater Systems for Single Houses*” (DELG/EPA/GSI, 1999).

3.12.2 Wastewater generated from within the enclosed facility building and elsewhere shall be directed to the onsite wastewater treatment system, unless otherwise agreed with the Agency.

3.13 Drainage Systems

3.13.1 The licensee shall provide for the collection of runoff from roofed areas.

3.13.2 The licensee shall provide for the collection of runoff from hardstanding areas other than those used for the handling and storage of waste. The licensee shall install and maintain silt traps and oil interceptors at the facility to ensure that all discharges of such collected runoff from the facility pass through a silt trap and oil interceptor prior to discharge.

3.13.3 The drainage systems, bunds, silt traps and oil interceptors shall be inspected weekly, desludged as necessary and properly maintained at all times. Oil interceptors shall be cleaned out at least once every six months. All sludge from these operations shall be collected for safe disposal.

3.13.4 All sewer gullies, drainage grids and manhole covers shall be painted with red squares whilst all surface water discharge gullies, drainage grids and manhole covers shall be painted with blue triangles. These colour codes shall be maintained so as to be visible at all times during facility operation, and any identification designated in this licence (e.g. SW1) shall be inscribed on these manholes.

3.13.5 The licensee shall provide shut-off valves on the wastewater and surface water drainage networks to stop the discharge if so required.

3.13.6 The integrity and water tightness of all underground pipes and tanks and their resistance to penetration by water or other materials carried or stored therein shall be tested and demonstrated by the licensee and shall be reported to the Agency following their installation and prior to their use. This testing shall be carried out by the licensee at least once every three years thereafter and reported to the Agency on each occasion. A written record of all integrity tests and any maintenance or remedial work arising from them shall be maintained by the licensee.

3.14 Tank, Drum and Fuel Storage Areas

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

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

(a) 110% of the capacity of the largest tank or drum within the banded area; or

(b) 25% of the total volume of substance which could be stored within the banded area.

The band shall be maintained and emptied as required such that the relevant volume referred to above is available within the band.

3.14.3 All drainage from banded areas and vehicle fuelling areas shall be diverted for collection and safe disposal.

3.14.4 All inlets, outlets, vent pipes, valves and gauges must be within the banded area.

3.14.5 The integrity and water tightness of all the bands and their resistance to penetration by water or other materials stored therein shall be confirmed by the licensee and shall be reported to the Agency within nine months of the date of grant of this licence.

This confirmation shall be repeated at least once every three years thereafter and reported to the Agency on each occasion

3.15 Monitoring Infrastructure

3.15.1 Within six months of the date of grant of this licence the licensee shall provide an additional groundwater monitoring well to provide for the monitoring of groundwater at a location on site, to the east of the operational areas of the facility, to be agreed with the Agency.

3.15.2 Replacement of Infrastructure

Monitoring infrastructure which is damaged or proves to be unsuitable for its purpose shall be replaced within three months of it being damaged or recognised as being unsuitable.

3.16 Layout Drawings

3.16.1 Prior to the commencement of waste activities at the facility, the licensee shall submit appropriately scaled drawings showing the location of all infrastructure specified in this licence. The drawings shall include the locations of all hardstanding areas, details of the drainage systems including wastewater treatment system, interceptor(s), silt traps and locations of soakpits. A colour coded marking system to distinguish between the various surface water and wastewater drainage systems shall be used. Areas designated for waste storage shall also be submitted for agreement of the Agency.

3.17 Within six months of the date of grant of this licence the licensee shall submit to the Agency details of any underground tanks on site along with proposals for decommissioning and removal of such, where relevant.

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

CONDITION 4 DECOMMISSIONING AND AFTERCARE

- 4.1. A proposal for a Decommissioning and Aftercare Plan for the facility shall be submitted to the Agency within twelve months of the date of grant of this licence. The licensee shall update these schemes when required by the Agency.
- 4.2. Landscaping
- 4.2.1. Prior to the commencement of waste activities at this facility the licensee shall implement a landscaping programme to be agreed with the Agency, based on the details in *Drawing No. L.W.-01 Rev.A – Site Layout for Proposed Landscape Works to Site* received on 19th September 2001, and to include details on (but not limited to):
- a) the time-frame for landscaping works in relation to facility development;
 - b) species and minimum age composition and the suitability of the hedge/tree mix for the area;
 - c) total area(s) to be planted;
 - d) tree protection; and
 - e) post planting management.

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

CONDITION 5 FACILITY OPERATIONS

- 5.1 Waste Processing
- 5.1.1 All waste processing shall only be carried out in the waste transfer/recovery building as set out in Condition 3.
- 5.2 Waste Acceptance and Characterisation Procedures
- 5.2.1 Prior to the commencement of waste activities at the facility the licensee shall submit to the Agency for its agreement written procedures for the acceptance and handling of all wastes to incorporate the requirements specified in this licence.
- 5.2.2 Waste shall only be accepted from carriers with appropriate waste collection permits.
- 5.2.3 Waste arriving at the facility shall be inspected at the point of entry to the facility and subject to this inspection, weighed, documented and directed to the waste transfer/recovery building. Inside the facility each load of waste shall be inspected upon tipping within this area. Only after such inspections shall the waste be processed for disposal or recovery.
- 5.2.4 Any waste deemed unsuitable for processing at the facility and/or in contravention of this licence shall be removed for recovery or disposal at an appropriate alternative facility. Temporary storage of such wastes may only be in a designated Waste Quarantine Area. Waste shall be stored under appropriate conditions in the quarantine area to avoid putrefaction, odour generation, the attraction of vermin and any other nuisance or objectionable condition.
- 5.2.5 There shall be no casual public access to the facility.

5.2.6 Waste shall only be accepted at the facility from known customers or new customers subject to initial waste profiling and waste characterisation off-site. The written records of this off-site waste profiling and characterisation shall be retained by the licensee for all active customers and for a two year period following termination of licensee/customer agreements.

5.3 Operational Controls

5.3.1 The floor of the waste transfer building shall be washed down and cleared of all waste at the end of the working day. The floor of the storage bays for recovered wastes shall be washed down and cleaned on each occasion such bays are emptied.

5.3.2 The licensee shall only store and park waste haulage vehicles and plant in areas of the facility where an impermeable hardstanding surface exists.

5.3.3 No waste shall be stored overnight at the facility in other than designated and secure storage areas which have been agreed with the Agency.

5.3.4 The licensee shall clearly label each waste storage container/skip at the facility to indicate its contents.

5.3.5 Scavenging shall not be permitted at the facility.

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

5.3.7 The licensee shall provide and use adequate lighting during the operation of the facility in hours of darkness.

5.3.8 Fuels shall only be stored at appropriately bunded locations on the facility.

5.3.9 All tanks and drums shall be labelled to clearly indicate their contents.

5.4 Off-site Disposal and Recovery

5.4.1 Waste sent off-site for recovery or disposal shall only be conveyed by a waste carrier agreed in advance with the Agency. Any request for such agreement of a waste carrier shall include the following;

- (i) Copies of the waste carrier's permit(s) under the Waste Management (Collection Permit) Regulations 2001.
- (ii) Details of the waste types it is proposed the carrier will transfer from the facility.

5.4.2 All waste transferred from the facility for either recovery or disposal shall only be transferred to an appropriate facility agreed in advance with the Agency. Any request for agreement of such a facility shall include the following;

- (i) In the case of a facility with a waste permit, a copy of the waste permit. In the case of a facility with a waste licence the waste licence reference number.
- (ii) Details of the waste types it is proposed to transfer off site to the facility.
- (iii) Details of agreements between the carrier and the facility including any limitations on waste types and quantities acceptable at the facility due to permit/licence conditions or otherwise.

5.4.3 All wastes removed off-site for recovery or disposal shall be transported directly from the facility to the facility agreed under Condition 5.4.2 in a manner which will not adversely affect the environment.

- 5.4.4 Requests for Agency agreement for the use of new waste facilities under this condition shall be forwarded to the Agency at least one month in advance of the intended date of commencement of use.
- 5.5 Maintenance
- 5.5.1 All treatment/abatement and emission control equipment shall be calibrated and maintained, in accordance with the instructions issued by the manufacturer/supplier or installer. Written records of the calibrations and maintenance shall be made and kept by the licensee.
- 5.5.2 The licensee shall maintain and clearly label and name all sampling and monitoring locations.
- 5.5.3 The licensee shall maintain all waste processing plant in accordance with the manufacturer's instructions.

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

CONDITION 6 EMISSIONS

- 6.1. No specified emission from the facility shall exceed the emission limit values set out in *Schedule C: Emission Limits* of this licence. There shall be no other emissions of environmental significance.
- 6.2. The licensee shall ensure that the activities shall be carried out in a manner such that emissions do not result in significant impairment of, or significant interference with the environment beyond the facility boundary.
- 6.3. There shall be no direct emissions to groundwater.
- 6.4. Wastewater Discharge
- 6.4.1 No wastewater shall be discharged to surface water.
- 6.4.2 Wastewater may only be discharged to percolation areas, following treatment in the wastewater treatment plant and having passed through a silt trap and oil interceptor, at locations to be agreed in advance with the Agency.
- 6.4.3 Emission limit values as specified in Schedule C.3 for treated wastewater prior to entering the percolation areas shall be interpreted in the following way:
- (i) No pH value shall deviate from the specified range.
 - (ii) For parameters other than pH and flow, no grab sample or daily mean concentration sample shall exceed the emission limit value.
- 6.5. Collected surface water runoff as referred to in Condition 3.13.2 shall be discharged to a soakhole(s) at locations agreed in advance with the Agency, unless otherwise agreed with or instructed by the Agency.
- 6.6. Clean roof runoff may be discharged directly to a soakhole subject to prior Agency agreement.
- 6.7. There shall be no clearly audible tonal component or impulsive component in the noise emissions from the activity at the noise sensitive locations.

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

CONDITION 7 NUISANCE CONTROL

- 7.1 All waste for disposal stored overnight at the facility, shall be stored in suitably covered and enclosed containers, and shall be removed from the facility within forty-eight hours of its arrival at the facility except at Bank Holiday Weekends. At Bank Holiday weekends such waste shall be removed from the facility within seventy-two hours of its arrival at the facility.
- 7.2 The licensee shall ensure that vermin, birds, flies, mud, dust, litter and odours do not give rise to nuisance at the facility or in the immediate area of the facility. Any method used by the licensee to control any such nuisance shall not cause environmental pollution.
- 7.3 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.
- 7.4 Litter Control
- 7.4.1 All loose litter or other waste, placed on or in the vicinity of the facility, other than in accordance with the requirements of this licences, shall be removed, subject to the agreement of the landowners, immediately and in any event by 10.00am of the next working day after such waste is discovered.
- 7.5 The licensee shall ensure that all vehicles delivering waste to and removing waste and materials from the facility are appropriately covered and watertight.
- 7.6 Dust Control
- 7.6.1 Site roads and any other areas used by vehicles shall be sprayed with water as and when required to minimise airborne dust nuisance.
- 7.7 Vermin/fly Control
- 7.7.1 The licensee shall implement and maintain a programme for the control and eradication of vermin and fly infestations at the facility. This programme shall include, as a minimum, details on the rodenticide(s) and insecticide(s) to be used, operator training, mode and frequency of application and measures to contain sprays within the facility boundary.

REASON: *To provide for the control of nuisances*

CONDITION 8 MONITORING

- 8.1. The licensee shall carry out such monitoring and at such locations and frequencies as set out in *Schedule D: Monitoring* of this licence and as specified in this licence. Unless otherwise specified by this licence, all environmental monitoring shall commence no later than two months after commencement of waste activities at this facility.
- 8.2. The licensee shall amend the frequency, locations, methods and scope of monitoring as required by this licence only upon the written instruction of the Agency and shall provide such information concerning such amendments as may be requested in writing by the Agency. Such alterations shall be carried out within any timescale nominated by the Agency.
- 8.3. Monitoring and analysis equipment shall be operated and maintained in accordance with the manufacturers' instructions (if any) so that all monitoring results accurately reflect any emission, discharge or environmental parameter.

- 8.4. The licensee shall provide safe and permanent access to all on-site sampling and monitoring points and to off-site points as required by the Agency.
- 8.5. The licensee shall maintain all sampling and monitoring points, and clearly label and name all sampling and monitoring locations, so that they may be used for representative sampling and monitoring.
- 8.6. The advice of Dúchas The Heritage Service should also be sought where any plans for the facility may result in a change to the appearance/structure of the former Church located onsite.
- 8.7. Nuisance Monitoring
- 8.7.1. The licensee shall, at a minimum of one week intervals, inspect the facility and its immediate surrounds for nuisances caused by litter, vermin, birds, flies, mud, dust and odours.

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

CONDITION 9 CONTINGENCY ARRANGEMENTS

- 9.1. In the event of an incident the licensee shall immediately:
- a) identify the date, time and place of the incident;
 - b) carry out an immediate investigation to identify the nature, source and cause of the incident and any emission arising therefrom;
 - c) isolate the source of any such emission;
 - d) evaluate the environmental pollution, if any, caused by the incident;
 - e) identify and execute measures to minimise the emissions/malfunction and the effects thereof;
 - f) provide a proposal to the Agency for its agreement within one month of the incident occurring to:
 - i) identify and put in place measures to avoid reoccurrence of the incident; and
 - ii) identify and put in place any other appropriate remedial action.
- 9.2. Prior to the commencement of waste activities at this facility, the licensee shall submit a written Emergency Response Procedure (ERP) to the Agency for its agreement. The ERP shall address any emergency situations which may originate on the facility and shall include provision for minimising the effects of any emergency on the environment. This shall include a risk assessment to determine the requirements at the facility for fire fighting and firewater retention facilities. The Fire Authority shall be consulted by the licensee during this assessment.
- 9.3. The licensee shall have in storage an adequate supply of containment booms and/or suitable absorbent material to contain and absorb any spillage at the facility. Once used the absorbent material shall be disposed of at an appropriate facility.
- 9.4. Emergencies
- 9.4.1. In the event of a complete breakdown of equipment or any other occurrence which results in the closure of the transfer station building, any waste arriving at or already collected at the facility shall be transferred directly to appropriate landfill sites or any other appropriate facility until such time as the transfer station building is returned to a fully operational status. Such a breakdown event will be treated as an emergency and rectified as soon as possible.

- 9.4.2. All significant spillages occurring at the facility shall be treated as an emergency and immediately cleaned up and dealt with so as to alleviate their effects;
- 9.4.3. No waste shall be burnt within the boundaries of the facility. A fire at the facility shall be treated as an emergency and immediate action shall be taken to extinguish it and notify the appropriate authorities;
- 9.4.4. In the event that monitoring of local wells indicates that the facility is having a significant adverse effect on the quantity and/or quality of the water supply this shall be treated as an emergency and the licensee shall provide an alternative supply of water to those affected.

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

CONDITION 10 RECORDS

- 10.1 The licensee shall keep the following documents at the facility office.
 - a) the current waste licence relating to the facility;
 - b) the current EMS for the facility;
 - c) the previous year's AER for the facility;
 - d) all written procedures produced by the licensee which relate to the licensed activities;
 - e) all documentation and records required under the licence.
- 10.2 The licensee shall maintain a written record for each load of waste arriving at and departing from the facility. The licensee shall record/include the following:
 - a) the date;
 - b) the name of the carrier (including if appropriate, the waste carrier registration details);
 - c) the vehicle registration number;
 - d) the name of the producer(s)/collector(s) of the waste as appropriate;
 - e) the name of the waste facility (if appropriate) from which the load originated including the waste licence or waste permit register number;
 - f) a description of the waste including the associated EWC codes;
 - g) the quantity of the waste, recorded in tonnes
 - h) the name of the person checking the load;
 - i) where loads or wastes are removed or rejected, details of the date of occurrence, the types of waste and the facility to which they were removed; and
 - j) verification from appropriate facilities as agreed under Condition 5.4.2, of waste quantities accepted from this facility.
- 10.3 **Written Records**

The following written records shall be maintained by the licensee:

 - a) the types and quantities of waste recovered and disposed of at the facility each year. These records shall include the relevant EWC Codes;
 - b) all training undertaken by facility staff;
 - c) results from all integrity tests of bunds and other structures and any maintenance or remedial work arising from them

- d) details of the inspections, desludging, cleaning, disposal of associated waste products, maintenance and performance of the interceptors, silt traps, bunds and drains.
 - e) details of all nuisance inspections; and
 - f) the names and qualifications of all persons who carry out all sampling and monitoring as required by this licence and who carry out the interpretation of the results of such sampling and monitoring.
- 10.4 The licensee shall maintain a written record of all complaints relating to the operation of the activity. Each such record shall give details of the following:
- a) date and time of the complaint;
 - b) the name of the complainant;
 - c) details of the nature of the complaint;
 - d) actions taken on foot of the complaint and the results of such actions; and,
 - e) the response made to each complainant.
- 10.5 A written record shall be kept of each consignment of wastewater removed from the facility. The record shall include the following:
- a) the name of the carrier;
 - b) the date and time of removal of wastewater from the facility;
 - c) the volume of wastewater, in cubic metres, removed from the facility on each occasion;
 - d) the name and address of the facility to which the wastewater was transported;
 - e) any incidents or spillages of wastewater during its removal or transportation.
- 10.6 A written record shall be kept at the facility of the programme for the control and eradication of vermin and fly infestations at the facility. These records shall include as a minimum the following:
- a) the date and time during which spraying of insecticide is carried out;
 - b) contractor details;
 - c) contractor logs and site inspection reports;
 - d) details of the rodenticide(s) and insecticide(s) used;
 - e) operator training details;
 - f) details of any infestations;
 - g) mode, frequency, location and quantity of application; and,
 - h) measures to contain sprays within the facility boundary.

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

CONDITION 11 REPORTS AND NOTIFICATIONS

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

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

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

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

11.3 Monthly Waste Throughput Report

11.3.1 Following commencement of waste activities at this facility and unless otherwise instructed by the Agency, the licensee shall within five days of the end of every month forward to the Agency a summary of the waste throughput for the previous month to include the following details:

- (i) quantities and types of waste accepted at and removed from the facility;
- (ii) the facilities to which waste was transported, including quantities and types of waste for each facility; and
- (iii) details of any wastes refused at the facility and the locations to where that waste was redirected.

11.4 Monitoring Locations

11.4.1. Prior to the commencement of waste activities at this facility, the licensee shall submit to the Agency an appropriately scaled drawing(s) showing all the monitoring locations that are stipulated in this licence. The drawing(s) shall include the reference code of each monitoring point. Any subsequent amendments to the monitoring locations shall be submitted on an updated drawing(s).

11.5 Annual Environmental Report

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

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

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

CONDITION 12 CHARGES AND FINANCIAL PROVISIONS

12.1 Agency Charges

- 12.1.1 The licensee shall pay to the Agency an annual contribution of €13,463 or such sum as the Agency from time to time determines, towards the cost of monitoring the activity or otherwise in performing any functions in relation to the activity, as the Agency considers necessary for the performance of its functions under the Waste Management Act, 1996. The licensee shall in 2003 and subsequent years, not later than January 31 of each year, pay to the Agency this amount updated in accordance with changes in the Public Sector Average Earnings Index from the date of the licence to the renewal date. The updated amount shall be notified to the licensee by the Agency. For 2002, the licensee shall pay a pro rata amount from the date of this licence to 31st December. This amount shall be paid to the Agency within one month of the date of grant of this licence.
- 12.1.2 In the event that the frequency or extent of monitoring or other functions carried out by the Agency needs to be increased the licensee shall contribute such sums as determined by the Agency to defraying its costs.

12.2 Financial Provision for Closure, Restoration and Aftercare

- 12.2.1 The licensee shall arrange for the completion of a comprehensive and fully costed Environmental Liabilities Risk Assessment for the facility which will address liabilities arising from the carrying on of the activities to which this licence relates. A report on this assessment shall be submitted to the Agency for its agreement prior to the commencement of waste activities at this facility.
- 12.2.2 Prior to the commencement of waste activities at this facility, the licensee shall make a Proposal for Financial Provision to the Agency for its agreement to cover any liabilities incurred by the licensee in carrying on the activities to which this licence relates. Such provision shall be maintained by the licensee unless otherwise agreed by the Agency.
- 12.2.3 The amount of financial provision, held under condition 12.2.2 shall be reviewed and revised as necessary, but at least annually. Any proposal for such a revision shall be submitted to the Agency for its agreement.
- 12.2.4 The licensee shall within two weeks of purchase, renewal or revision of the financial provision required under condition 12.2.2, forward to the Agency written proof of such indemnity.
- 12.2.5 Unless otherwise agreed any revision to the fund shall be computed using the following formula:

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

Where:

- Cost = Revised restoration and aftercare cost
- ECOST = Existing restoration and aftercare cost
- WPI = Appropriate Wholesale Price Index [Capital Goods, Building & Construction (i.e. Materials & Wages) Index], as published by the Central Statistics Office, for the year since last closure calculation/revision.
- CiCC = Change in compliance costs as a result of change in site conditions, changes in law, regulations, regulatory authority charges, or other significant changes.

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

SCHEDULE A : Waste Acceptance

A.1 Waste Acceptance – Following installation of Waste Transfer/Recovery Building

Table A.1 Waste Categories and Quantities

WASTE TYPE	MAXIMUM (TONNES PER ANNUM)
Commercial & Industrial (C & I)	47,000 ^{Note 1}
Construction & Demolition (C & D)	10,000 ^{Note 1}
Municipal	3,000
TOTAL	60,000

Note 1: These quantities may be amended subject to prior agreement with the Agency provided the overall total of C & I waste and C & D waste accepted at the facility does not exceed 57,000 tonnes per annum.

SCHEDULE B : Specified Engineering Works

Specified Engineering Works

Development of the facility including installation of Waste Transfer & Recycling Building and infrastructure for waste handling, processing, storage and recycling/recovery and for increased waste processing capacity.

Installation of Wastewater and Surface Water Management infrastructure including installation of waste water treatment system, silt traps and oil interceptors

Installation of tank and drum storage areas

Any other works notified in writing by the Agency.

SCHEDULE C : Emission Limits

C.1 Noise Emissions: (Measured at the NSL's indicated in Table D.1.1).

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

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

Level (mg/m ² /day) ^{Note 1}
350

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

C.3 Emission Limits for Emissions to Percolation Area from Wastewater Treatment Plant

Parameter	Emission Limit Value
	Daily Mean Concentration (mg/l) except pH
BOD	25
Suspended solids	35
Mineral Oil	No visible traces
Total Ammonia (as N)	10
Total Oxidised Nitrogen (as N)	10
pH	6-9

SCHEDULE D : Monitoring

Monitoring to be carried out as specified below.

D.1 Monitoring Locations

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

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

Dust	Noise	Surface Water (Non-wastewater)	Treated wastewater	Groundwater
Stations ^{Note 1}	Stations	Stations	Stations	Stations
D1 ^{Note 2}	NSL: N6	Note 5	Note 6	On site well
D2 ^{Note 3}	NSL: N7	Pond to east of site ^{Note 6}		Additional well ^{Note 7}
D3	NSL: ^{Note 4}			
D4	N3			
	N4			
	N5			

Note 1: As indicated in Figure 1 of Appendix 2 in Article 16 response dated 27th February 2001.

Note 2: This location shall be amended and agreed with the Agency - to be located along the facility boundary and near to but north of the facility entrance.

Note 3: Amended location to be agreed with the Agency - to be located along the facility boundary and near to but east of the proposed facility building.

Note 4: An amended location to be agreed with the Agency - to be located along the facility boundary and near to but north of the facility entrance.

Note 5: Locations to be agreed with the Agency.

Note 6: Locations to be agreed with the Agency.

Note 7: Monitoring well agreed under Condition 3.15.

D.2 Dust

Table D.2.1 Dust Monitoring Frequency and Technique

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

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

Note 2: Twice during the period May to September.

D.3 Noise

Table D.3.1 Noise Monitoring Frequency and Technique

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

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

D.4 Treated Wastewater

Table D.4.1 Wastewater - Parameters / Frequency

Parameter	Monitoring Frequency	Analysis Method/Technique
pH	Bi-annually	Electrometry
Biological Oxygen Demand	Bi-annually	Standard Methods ^{Note 1}
Suspended Solids	Bi-annually	Standard Methods ^{Note 1}
Mineral Oils	Bi-annually	Standard Methods ^{Note 1}
Total Ammonia	Bi-annually	Standard Methods ^{Note 1}
Nitrate	Bi-annually	Standard Methods ^{Note 1}

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

D.5 Surface Water Discharges

Table D.5.1 Surface Water – Parameters / Frequency

Parameter	Monitoring Frequency	Analysis Method/Technique
pH	Bi-annually	Electrometry
Biological Oxygen Demand	Bi-annually	Standard Methods ^{Note 1}
Suspended Solids	Bi-annually	Standard Methods ^{Note 1}
Mineral Oils	Bi-annually	Standard Methods ^{Note 1}
Total Ammonia	Bi-annually	Standard Methods ^{Note 1}
Nitrate	Bi-annually	Standard Methods ^{Note 1}

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

D.6 Groundwater

Table D.6.1 Groundwater Monitoring Frequency and Techniques

Parameter ^{Note 1}	Groundwater
Groundwater Level	Quarterly
pH	Quarterly
Electrical Conductivity	Quarterly
Ammoniacal Nitrogen	Quarterly
Total Petroleum Hydrocarbons	Annually
Coliforms (total, faecal)	Annually
Lead	Annually
Mercury	Annually
Nickel	Annually
Cadmium	Annually
Other List I/II Organic Substances ^{Note 2}	Once-off

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

Note 2: 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 methods include : volatiles (US EPA method 524 or equivalent), semi-volatiles (US EPA method 525 or equivalent), and pesticides (US EPA method 608 or equivalent).

SCHEDULE E : Recording and Reporting to the Agency

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	Thirteen months from the date of grant of licence and one month after the end of each calendar year thereafter.
Record of incidents	As they occur	Within five days of the incident.
Bund, tank and container integrity assessment	Every three years	Six months from the date of grant of licence and one month after end of the three year period being reported on.
Specified Engineering Works reports	As they arise	Prior to the works commencing.
Monitoring of Wastewater	Bi-annually	Ten days after end of the quarter being reported on.
Monitoring of Surface water (non-wastewater)	Bi-annually	Ten days after end of the quarter being reported on.
Groundwater monitoring	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	Bi-annually	Every six months.
Any other monitoring	As they occur	Within ten days of obtaining results.

Note 1: Unless altered at the request of the Agency

SCHEDULE F : Content of the Annual Environmental Report

Annual Environmental Report Content

Reporting Period.

Waste activities carried out at the facility.

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

Summary report on emissions

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

Resource and energy consumption summary.

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

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

Schedule of Environmental Objectives and Targets for the forthcoming year, including targets for recovery/recycling.

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

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

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

Details of the quantity of materials taken from the interceptors and its disposal

Reported Incidents and Complaints summaries.

Review of Nuisance Controls.

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

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

Report on training of staff.

Any other items specified by the Agency.

Sealed by the seal of the Agency on this the 8th day of October 2002

**PRESENT when the seal of the Agency
was affixed hereto:**

Iain Maclean, Director/Authorised Person