



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

WASTE LICENCE
PROPOSED DECISION

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| Waste Licence | 152-1 |
| Register Number: | |
| Applicant: | Oxigen Environmental Limited |
| Location of Facility: | Robinhood Industrial Estate, Robinhood Road, Ballymount, Dublin 22 |

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 Robinhood Industrial Estate, Robinhood Road, Ballymount, Dublin 22.

Oxigen Environmental Limited will be licensed to accept non-hazardous wastes only (household, commercial, industrial and construction and demolition waste) at this facility. The wastes will be processed within a waste transfer building or externally on a hardstanding surface with the recyclable materials (e.g. metal, cardboard, wood, plastic, paper) removed and the residual waste sent to landfill. The quantity of waste to be accepted at the facility is limited to less than 25,000 tonnes per annum.

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 this licence set out in detail the legal constraints under which Oxigen Environmental Limited will operate and manage this facility.

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DECISION & REASONS FOR THE DECISION

The Environmental Protection Agency (the Agency) is satisfied, on the basis of the information available, that the requirements of Section 40(4) of the Waste Management Act, 1996 have been complied with in respect of the application for a waste licence for the activities listed hereunder in Part I.

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 Agency proposes, under Section 40(1) of the said Act to grant this Waste Licence to Oxigen Environmental Ltd. Robinhood Industrial Estate, Robinhood Road, Ballymount, Dublin 22 to carry on the waste activities listed below at Robinhood Industrial Estate, Robinhood Road, Ballymount, Dublin 22 subject to twelve 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

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| 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 is produced: This activity is limited to storage prior to bulking and transfer of waste. |

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

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| Class 3. | Recycling or reclamation of metals and metal compounds: This activity is limited to the recovery of steel and metals. |
| Class 4. | Recycling or reclamation of other inorganic materials: This activity is limited to the recovery of construction and demolition wastes. |
| 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. |

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.

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| Aerosol | A suspension of solid or liquid particles in a gaseous medium. |
| Adequate lighting | 20 lux measured at ground level. |
| Agreement | Agreement in writing. |
| Annually | At approximately twelve monthly intervals. |
| Attachment | Any reference to Attachments in this licence refers to attachments submitted as part of the waste licence application. |
| Application | The application by the licensee for this waste licence. |
| Appropriate facility | A waste management facility, duly authorised under relevant law and technically suitable. |
| Biodegradable waste | Any waste that is capable of undergoing anaerobic or aerobic decomposition, such as food, garden waste, sewage sludge, paper and paperboard. |
| 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 <i>Schedule C: Emission Limits</i> of this licence. |
| European Waste Catalogue (EWC) | A harmonised, non-exhaustive list of wastes drawn up by the European Commission and published as Commission Decision 94/3/EC and any subsequent amendment published in the Official Journal of the European Community. |
| Foul water | Sewage and drainage from waste transfer building, vehicle cleaning, parking areas and run-off from hardstanding areas associated with waste processing. |
| 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. |

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| Hours of Waste Acceptance | The hours during which the facility is authorised to accept waste. |
| 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 | Oxigen Environmental Limited Robinhood Industrial Estate, Robinhood Road, Ballymount, Dublin 22. |
| 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 2% dry matter. Any waste tankered to the facility. |
| 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 | A minimum of twelve times per year, at approximately monthly intervals. |
| 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, batteries, gas cylinders, etc, which may be recycled. |
| Quarterly | At approximately three monthly intervals. |
| Sample(s) | Unless the context of this licence indicates to the contrary, samples shall include measurements by electronic instruments. |
| SCADA system | Supervisory Control and Data Acquisition system. |
| 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. |

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| Treated Sludge | Sludge which has undergone biological, chemical or heat treatment, long-term storage or any other appropriate process so as to significantly reduce its fermentability and the health hazards resulting from its use. |
| Trigger Level | A parameter value specified in the licence, the achievement or exceedance of which requires certain actions to be taken by the licensee. |
| 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 Figure B2.2 entitled 'Figure B2.2 Oxygen Site Layout' of the application. Any reference in this licence to "facility" shall mean the area thus outlined in red.
- 1.3. This licence is for the purposes of waste licensing under the Waste Management 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. The maximum tonnage to be accepted at the facility shall not exceed 25,000 tonnes per annum.
- 1.5. Municipal Waste, Commercial Waste and Industrial Waste may be recovered and disposed of at the facility subject to the maximum quantities and other constraints listed in *Schedule A: Waste Acceptance* of this licence.
- 1.6. No hazardous wastes, liquid wastes, or animal wastes shall be accepted at the facility.
- 1.7. Waste Acceptance Hours and Hours of Operation
 - 1.7.1. Waste shall only be accepted at the facility between the hours of 7.00 a.m. and 5.30 p.m. Monday to Friday inclusive and 7.00 a.m. and 3.00 p.m. on Saturdays.
 - 1.7.2. The facility shall only be operated during the hours of 7.00 a.m. to 5.30 p.m. Monday to Friday inclusive and 7.00 a.m. to 3.00 p.m. on Saturdays.
 - 1.7.3. Waste shall not be accepted at the facility on Sundays or on Bank Holidays.
- 1.8. 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.
- 1.9. 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:
 - 1.9.1. 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;
 - 1.9.2. 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

1.9.3. 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.

- 1.10. 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

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| Reason: <i>To clarify the scope of this licence.</i> |
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CONDITION 2 MANAGEMENT OF THE FACILITY

2.1 Facility Management

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

2.2 Management Structure

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

2.3 Environmental Management System

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

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

2.3.2.1 Schedule of Environmental Objectives and Targets

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

2.3.2.2 Environmental Management Plan (EMP)

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

- (i) methods by which the objectives and targets will be achieved and the identification of those responsible for achieving those objectives and targets;
- (ii) any other items required by written guidance issued by the Agency.

2.3.2.3 Corrective Action Procedures

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

2.3.2.4 Awareness and Training Programme

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

2.4 Communications Programme

2.4.1 The licensee shall establish and maintain a Communications Programme to ensure that members of the public can obtain information at the facility, at all reasonable times, concerning the environmental performance of the facility. This shall be established within six months of granting of the 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 FACILITY INFRASTRUCTURE

3.1 The licensee shall establish all infrastructure referred to in this licence as required by the conditions of this licence.

3.2 Specified Engineering Works

- 3.2.1 The licensee shall submit proposals for all Specified Engineering Works, as defined in *Schedule B: Specified Engineering Works* of this licence, to the Agency for its agreement at least two months prior to the intended date of commencement of any such works. No such works shall be carried out without the prior agreement of the Agency.
- 3.2.2 All specified engineering works shall be supervised by a competent person(s) and that person, or persons, shall be present at all times during which relevant works are being undertaken.
- 3.2.3 Following the completion of all specified engineering works, the licensee shall complete a construction quality assurance validation. The validation report shall be made available to the Agency on request. The report shall include the following information;
- a) a description of the works;
 - b) as-built drawings of the works;
 - c) records and results of all tests carried out (including failures);
 - d) drawings and sections showing the location of all samples and tests carried out;
 - e) daily record sheets/diary;
 - f) name(s) of contractor(s)/individual(s) responsible for undertaking the specified engineering works;
 - g) name(s) of individual(s) responsible for supervision of works and for quality assurance validation of works;
 - h) records of any problems and the remedial works carried out to resolve those problems; and
 - i) any other information requested in writing by the Agency.

3.3 Facility Notice Board

- 3.3.1 The licensee shall provide and maintain a Facility Notice Board on the facility so that it is legible to persons outside the main entrance to the facility. The minimum dimensions of the board shall be 1200 mm by 750 mm.
- 3.3.2 The board shall clearly show:
- a) the name and telephone number of the facility;
 - b) the normal hours of opening;
 - c) the name of the licence holder;
 - d) an emergency out of hours contact telephone number;
 - e) the licence reference number; and
 - f) where environmental information relating to the facility can be obtained.

3.4 Facility Security

- 3.4.1 Security fencing and gates shall be installed and maintained as described in Attachment D.1, D.1.a Site Security of the application.
- 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 Within nine months of the date of grant of this licence the licensee shall provide, and maintain impermeable hardstanding surfaces within all areas of the facility, the surfaces shall be concreted and constructed to British Standard BS8110.

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 at the facility.

3.7.2 These areas shall be constructed and maintained in a manner suitable, and be of a size appropriate, for the inspection of waste and subsequent quarantine if required. The waste inspection area and the waste quarantine area shall be clearly identified and segregated from each other.

3.7.3 Drainage from these areas shall be directed to foul sewer.

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 provide and maintain vehicle-cleaning facilities at a designated area of the facility, which shall be agreed with the Agency within six months of the date of grant of this licence.

3.9.2 Drainage from this area shall be directed to foul sewer.

3.10 Waste handling, ventilation and processing plant

3.10.1 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.

3.10.2 Within three months from the date of grant of this licence, the licensee shall provide a report for the agreement of the Agency detailing the duty and standby capacity in tonnes per day, of all waste handling and processing equipment to be used at the facility. These capacities shall be based on the licensed waste intake, as per *Schedule A: Waste Acceptance* of this licence.

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

3.11 Tank and Drum Storage Areas

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

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

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

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

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

3.11.5 The integrity and water tightness of all the bunds and their resistance to penetration by water or other materials stored therein shall be confirmed by the licensee and shall be reported to the Agency within three 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.

3.12 Surface and Foul Water Drainage

3.12.1 Within twelve months of the date of grant of this licence the licensee shall carry out the following improvements to the foul/surface water handling system at the facility:

- a) Separation of foul and storm water drainage systems.
- b) Provision of separate sampling facilities for both foul water discharges (designated FW1) and storm water discharges (designated SW1).
- c) Provision of a shut off valve for both foul and storm water discharges. All shut-off valves shall be clearly labelled and their use incorporated into the Emergency Response Procedure as required under Condition 9.2.
- d) Surface water shall discharge to an adequately sized silt trap and oil interceptor. The interceptors shall be a Class I full retention interceptor and the silt traps and interceptors shall be in accordance with European Standard prEN 858 (installations for the separation of light liquids).
- e) Foul water shall discharge to an adequately sized silt trap and oil interceptor. The interceptors shall be a Class II full retention interceptor and the silt traps and interceptors shall be in accordance with European Standard prEN 858 (installations for the separation of light liquids).

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

3.12.2 The drainage system, bunds, silt traps and oil separators shall be inspected weekly, desludged as necessary and properly maintained at all times. All sludge and drainage from these operations shall be collected for safe disposal. A written record shall be kept of the inspections, desludging, cleaning, disposal of associated waste products, maintenance and performance of the interceptors, bunds and drains.

3.13 Waste Transfer Building

3.13.1 Within six months of the date of grant of this licence, the licensee shall submit to the Agency for its agreement, an assessment of the Waste Transfer Building carried out by a Chartered Engineer, which shall examine the state of the existing hardstand and the roof cladding of the waste transfer building and make recommendations as to structural improvements, if any, required thereto. Any necessary improvements identified shall be carried out within twelve months of the date of grant of this licence.

3.14 Construction and Demolition Waste Recovery Area.

3.14.1 Within six months of the date of grant of this licence, the licensee shall provide and maintain a construction and demolition waste recovery area. This infrastructure shall at a minimum comprise the following:

- a) an impermeable concrete slab; and
- b) collection and disposal infrastructure for all run-off.

3.15 Monitoring Infrastructure

3.15.1 Replacement of Infrastructure

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

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| Reason: <i>To provide appropriate infrastructure for the protection of the environment.</i> |
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CONDITION 4 RESTORATION AND AFTERCARE

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

Reason: To provide for the restoration of the facility

CONDITION 5 FACILITY OPERATIONS

- 5.1 Wastes shall not be deposited in any part of the facility without the prior agreement of the Agency.
- 5.2 Waste Acceptance and Characterisation Procedures
- 5.2.1 Within six months of the date of grant of this licence, the licensee shall submit to the Agency for its agreement written procedures for the acceptance and handling of all wastes.
- 5.2.2 Waste arriving at the facility shall be inspected at the point of entry to the facility and subject to this inspection, weighed, documented and directed to the Waste Transfer Building or construction/demolition waste area. Each load of waste arriving at the Waste Transfer Building or construction /demolition waste area shall be inspected upon tipping. Only after such inspections shall the waste be processed for disposal or recovery.
- 5.2.3 The licensee shall only deposit waste accepted at the facility, other than construction and demolition waste which may be deposited in the designated Construction and Demolition Waste Recovery Area, on the floor of the Waste Transfer Building.
- 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. Such waste shall be stored in the Waste Quarantine Area only. The licensee shall remove waste from the Waste Quarantine Area as soon as practicable. No waste shall be stored in the Waste Quarantine Area for more than three months. 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 The licensee shall only handle or store waste and park vehicles in areas of the facility where an impermeable hardstanding surface exists.
- 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 Scavenging shall not be permitted at the facility.
- 5.3.3 Gates shall be locked shut when the facility is unsupervised.
- 5.3.4 The licensee shall provide and use adequate lighting during the operation of the facility in hours of darkness.
- 5.3.5 Fuels shall only be stored at appropriately bunded locations on the facility.
- 5.3.6 The licensee shall clearly label each waste storage container/skip at the Waste Facility to indicate its contents.
- 5.3.7 All tanks and drums shall be labelled to clearly indicate their contents.

- 5.3.8 No smoking shall be allowed on the facility other than in the facility office.
- 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 contractor agreed by the Agency;
 - 5.4.2 All waste transferred from the facility shall only be transferred to an appropriate facility agreed by the Agency;
 - 5.4.3 All wastes removed off-site for recovery or disposal shall be transported from the facility to the consignee in a manner which will not adversely affect the environment.
- 5.5 Construction and Demolition Waste Recovery Area
 - 5.5.1 Only Construction and Demolition waste shall be accepted at this area. Wastes which are capable of being recovered shall be separated and shall be stored temporarily in this area prior to being subjected to other recovery activities at the facility or transport off the facility.
 - 5.5.2 All stockpiles shall be maintained so as to minimise dust generation.
- 5.6 Maintenance
 - 5.6.1 All treatment/abatement and emission control equipment shall be calibrated and maintained, in accordance with the instructions issued by the manufacturer/supplier or installer. Written records of the calibrations and maintenance shall be made and kept by the licensee.
 - 5.6.2 The licensee shall maintain and clearly label and name all sampling and monitoring locations.
 - 5.6.3 The licensee shall maintain the compactor and shredder in accordance with the manufacturers instructions.

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

CONDITION 6 EMISSIONS

- 6.1. No specified emission from the facility shall exceed the emission limit values set out *in Schedule C: Emission Limits* of this licence. There shall be no other emissions of environmental significance.
- 6.2. The licensee shall ensure that the activities shall be carried out in a manner such that emissions do not result in significant impairment of, or significant interference with the environment beyond the facility boundary.
- 6.3. Emissions to Surface Water
 - 6.3.1. No substance shall be discharged in a manner, or at a concentration which, following initial dilution causes tainting of fish or shellfish.
- 6.4. There shall be no direct emissions to groundwater.
- 6.5. There shall be no clearly audible tonal component or impulsive component in the noise emissions from the activity at the noise sensitive locations.

6.6. Emissions to Sewer

- 6.6.1. Unless otherwise agreed in advance with the Agency and the Sanitary Authority, the following shall apply for the discharge of foul water. There shall be no other discharge or emission to sewer of environmental significance.
- 6.6.2. No substance shall be present in emissions to sewer in such concentrations as would constitute a danger to sewer maintenance personnel working in the sewerage system, or as would be damaging to the fabric of the sewer, or as would interfere with the biological functioning of a downstream wastewater treatment works.
- 6.6.3. The effluent shall be screened prior to discharge to sewer to remove gross solids and avoid blockages in the sewer.
- 6.6.4. The licensee shall permit authorised persons of the Agency and the Sanitary Authority to inspect, examine and test, at all reasonable times, any works and apparatus installed, in connection with the discharge or emission, and to take samples of the discharge or emission.
- 6.6.5. No discharge or emission to sewer shall take place which might give rise to any reaction within the sewer or to the liberation of by-products which may be of environmental significance.
- 6.6.6. The licensee shall ensure that the discharge shall not contain dissolved methane, petroleum spirits or organic solvents (including chlorinated organic solvents), at concentrations which would give rise to flammable or explosive vapours in the sewer.
- 6.6.7. Non-trade effluent wastewater (e.g. firewater, accidental spillage) which occurs on-site shall not be discharged to the sewer without the prior authorisation of the Sanitary Authority.
- 6.6.8. The licensee shall provide and maintain an inspection chamber in a suitable position (downstream of the oil interceptor) in connection with each pipe through which a discharge or emission is being made. Each such inspection chamber or manhole shall be constructed and maintained by the licensee so as to permit the taking of samples of the discharge.
- 6.6.9. The licensee shall submit monitoring results to the Sanitary Authority on an annual basis.
- 6.6.10. Emission limit values for emissions to sewer in this licence shall be interpreted in the following way:-
- a) Continuous monitoring.
No flow value shall exceed the specified limit
 - b) Non-Continuous monitoring.
Eight out of ten consecutive results, calculated as daily mean concentration or mass emission values on the basis of flow proportional composite sampling shall not exceed 1.2 times the emission limit value.
 - c) No grab sample shall exceed 1.2 times the emission limit value.

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

CONDITION 7 NUISANCES

- 7.1 The licensee shall ensure that vermin, birds, flies, mud, dust, litter and odours do not give rise to nuisance at the facility or in the immediate area of the facility. Any method used by the licensee to control any such nuisance shall not cause environmental pollution.
- 7.2 The road network in the vicinity of the facility shall be kept free from any debris caused by vehicles entering or leaving the facility. Any such debris or deposited materials shall be removed without delay.
- 7.3 Litter Control
- 7.3.1 The measures and infrastructure as described in Attachment F.5 shall be applied to control litter at the facility.
- 7.3.2 All loose litter or other waste, placed on or in the vicinity of the facility, other than in accordance with the requirements of this licence, shall be removed, subject to the agreement of the landowners, immediately and in any event by 10.00 a.m. of the next working day after such waste is discovered.
- 7.3.3 The licensee shall ensure that all vehicles delivering waste to and removing waste and materials from the facility are appropriately covered.
- 7.4 Dust Control
- 7.4.1 In dry weather, site roads and any other areas used by vehicles shall be sprayed with water as and when required to minimise airborne dust nuisance.
- 7.5 All waste for disposal stored overnight at the facility shall be stored in suitably covered and enclosed containers within the Waste Transfer Building, and shall be removed from the facility within forty eight hours of its arrival at the facility except at Bank Holiday weekends. At Bank Holiday weekends, waste shall be removed from site within seventy two hours of its arrival on site.

Reason: To provide for the control of nuisances

CONDITION 8 MONITORING

- 8.1 The licensee shall carry out such monitoring and at such locations and frequencies as set out in *Schedule D: Monitoring* of this licence and as specified in this licence. Unless otherwise specified by this licence, all environmental monitoring shall commence no later than two months after the date of grant of this licence.
- 8.2 The licensee shall amend the frequency, locations, methods and scope of monitoring as required by this licence only upon the written instruction of the Agency and shall provide such information concerning such amendments as may be requested in writing by the Agency. Such alterations shall be carried out within any timescale nominated by the Agency.
- 8.3 Monitoring and analysis equipment shall be operated and maintained in accordance with the 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. Nuisance Monitoring

- 8.5.1. 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 recurrence of the incident; and
 - ii) identify and put in place any other appropriate remedial action.

- 9.2. The licensee shall, within six months of the date of grant of this licence, submit a written Emergency Response Procedure (ERP) to the Agency for its agreement. The ERP shall address any emergency situations which may originate on the facility and shall include provision for minimising the effects of any emergency on the environment. This shall include a risk assessment to determine the requirements at the facility for fire fighting and fire water retention facilities. The Fire Authority shall be consulted by the licensee during this assessment.

- 9.3. The licensee shall have in storage an adequate supply of containment booms and/or suitable absorbent material to contain and absorb any spillage at the facility. Once used the absorbent material shall be disposed of at an appropriate facility.

9.4. Emergencies

- 9.4.1. In the event of a complete breakdown of equipment or any other occurrence which results in the closure of the transfer station building, any waste arriving at or already collected at the facility shall be transferred directly to an 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.

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 this licence.

10.2 The licensee shall maintain a written record for each load of waste arriving at the facility. The licensee shall record the following:

- a) the date;
- b) the name of the carrier (including if appropriate, the waste carrier registration details);
- c) the vehicle registration number;
- d) the name of the producer(s)/collector(s) of the waste as appropriate;
- e) the name of the waste facility (if appropriate) from which the load originated including the waste licence or waste permit register number;
- f) a description of the waste including the associated EWC codes;
- g) the quantity of the waste, recorded in tonnes;
- h) the name of the person checking the load; and,
- 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.

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 all nuisance inspections; and
- e) the names and qualifications of all persons who carry out all sampling and monitoring as required by this licence and who carry out the interpretation of the results of such sampling and monitoring.

10.4 The licensee shall maintain a written record of all complaints relating to the operation of the activity. Each such record shall give details of the following:

- a) date and time of the complaint;
- b) the name of the complainant;

- c) details of the nature of the complaint;
 - d) actions taken on foot of the complaint and the results of such actions; and,
 - e) the response made to each complainant.
- 10.5 A written record shall be kept 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 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 with the relevant reporting frequencies specified by this licence, such as in *Schedule E: Recording and Reporting to the Agency* of this licence;
 - g) be accompanied by a written interpretation setting out their significance in the case of all monitoring data; and
 - h) be transferred electronically to the Agency's computer system if required by the Agency.
- 11.2 In the event of an incident occurring on the facility, the licensee shall:
- a) notify the Agency as soon as practicable and in any case not later than 10.00 a.m. the following working day after the occurrence of any incident;

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

11.3 Waste Recovery Reports

Within nine months of the date of grant of this licence, a report examining waste recovery options shall be submitted to the Agency for its agreement. This report shall address methods to contribute to the achievement of the recovery targets stated in national and European Union waste policies and shall include the following:

- a) proposals for the contribution of the facility to the achievement of targets for the reduction of biodegradable waste to landfill, going to landfills as specified in the Landfill Directive;
- b) the separation of recyclable materials from the waste;
- c) the recovery of Construction and Demolition Waste;
- d) the recovery of metal waste and white goods including written procedures for the de-gassing of CFC's from refrigerators; and
- e) the recovery of commercial and industrial waste, including cardboard.

11.4 Monitoring Locations

11.4.1. Within six months of the date of grant of this licence, the licensee shall submit to the Agency an appropriately scaled drawing(s) showing all the monitoring locations that are stipulated in this licence. The drawing(s) shall include the reference code of each monitoring point.

11.5 Annual Environmental Report

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

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

11.6 Energy Efficiency

The licensee shall carry out an audit of the energy efficiency of the site within one year of the date of grant of this licence. The licensee shall consult with the Agency on the nature and extent of the audit and shall develop an audit programme to the satisfaction of the Agency. A copy of the audit report shall be available on-site for inspection by authorised persons of the Agency and a summary of the audit findings shall be submitted to the Agency as part of the Annual Environmental Report. The energy efficiency audit shall be repeated at intervals as required 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 £5,239 (€6,652) 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 2002 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 2001, the licensee shall pay a pro rata amount from the date of this licence to 31st December, 2001. This amount shall be paid to the Agency within one month of the date of grant of this licence.

12.1.2 In the event that the frequency or extent of monitoring or other functions carried out by the Agency needs to be increased the licensee shall contribute such sums as determined by the Agency to defraying its costs.

12.2 Financial Provision for Closure, Restoration and Aftercare

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

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

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

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

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

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

Where:

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

12.3 Sanitary authority charges

12.3.1 Sanitary authority charges as follows shall be paid to South Dublin County Council. The charges will be adjusted from time to time by South Dublin County Council in response to increased costs in providing drainage and monitoring.

| | |
|--|-------------------|
| Charge per cubic metre of trade effluent | £0.40 (€0.51) |
| Payment frequency | Quarterly |
| Annual monitoring costs | £600.00 (€761.84) |

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

SCHEDULE A : Waste Acceptance

A.1 Waste Acceptance

Table A.1 Waste Categories and Quantities

| WASTE TYPE | MAXIMUM (TONNES PER ANNUM) |
|-----------------------------|----------------------------|
| Commercial | 8,400 |
| Industrial | 3,000 |
| Household | 3,000 |
| Construction and demolition | 10,200 |
| TOTAL | 24,600 |

SCHEDULE B : Specified Engineering Works

| Specified Engineering Works |
|--|
| Development of the facility including installation of waste handling, processing, recycling/recovery infrastructure and installation of increased waste processing capacity. |
| Installation of Tank and Drum Storage Areas. |
| Installation of Sewer and Surface Water Management Infrastructure including installation of silt traps and oil interceptors. |
| Any other works notified in writing by the Agency. |

SCHEDULE C : Emission Limits

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

| Day dB(A) L_{Aeq} (30 minutes) | Night dB(A) L_{Aeq} (30 minutes) |
|----------------------------------|------------------------------------|
| 55 | 45 |

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

| Level (mg/m ² /day) ^{Note 1} |
|--|
| 350 |

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

C.3 Surface Water Discharge limits: (Measured at the monitoring points indicated in [Table D.1.1](#)).

These limits shall apply to emissions of surface water to the Robinhood Stream from the facility at emission point SW1, following completion of works required under Condition 3.12.

| Parameter | Emission Limit Value (mg/l) |
|--------------------------|-----------------------------|
| Biological Oxygen Demand | 20 |
| Suspended Solids | 30 |
| Mineral Oils | 5 |
| Fats, Oils, Grease | 10 |
| pH | 6 - 9 |

C.4 Emission Limits for Foul Water Emissions to Sewer

These limits shall apply to emissions of foul water to the foul sewer from the facility at emission point FW1, following completion of works required under Condition 3.12.

Volume to be emitted: Maximum in any one day: 25 m³
Maximum rate per hour: 5 m³/hr

| Parameter | Emission Limit Value | | |
|--|----------------------|---------------------------------|-----------------------------|
| | Grab Sample (mg/l) | Daily Mean Concentration (mg/l) | Daily Mean Loading (kg/day) |
| BOD | 3000 | 1500 | 37.5 |
| COD | 6000 | 3000 | 75.0 |
| Ammoniacal Nitrogen (NH ₄ -N) | 100 | 70 | 1.75 |
| Suspended Solids | 2000 | 1500 | 37.5 |
| pH | 6 - 10 | 6 - 10 | - |
| Temperature | 42°C | 42°C | - |
| Detergents (as MBAS) | 100 | 100 | 2.5 |
| Fats, Oils, Grease | 100 | 100 | 2.5 |

SCHEDULE D : Monitoring

Monitoring to be carried out as specified below.

D.1 Monitoring Locations

Monitoring locations shall be those as set out in Table D.1.1 and Attachment J9 of the application.

Table D.1.1 Monitoring Locations

| DUST STATIONS | NOISE STATIONS | SURFACE WATER STATIONS | FOUL WATER STATIONS |
|---------------|----------------|------------------------|---------------------|
| D1 | N1 | Note 1 | Note 1 |
| D2 | N2 | | |
| D3 | N3 | | |
| | N4 | | |
| | NSL | | |

Note 1: Surface Water and Foul Water monitoring locations to be agreed.

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] | Annual | Standard ^{Note 1} |
| L(A) ₁₀ [30 minutes] | Annual | Standard ^{Note 1} |
| L(A) ₉₀ [30 minutes] | Annual | Standard ^{Note 1} |
| Frequency Analysis(1/3 Octave band analysis) | Annual | Standard ^{Note 1} |

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

D.4 Surface Water Emissions

Table D.4.1 Surface water Monitoring Frequency and Techniques

| Parameter | Monitoring Frequency | Analysis Method/Technique |
|--------------------------|----------------------|------------------------------------|
| pH | Quarterly | Electrometry |
| Biological Oxygen Demand | Quarterly | Standard Methods ^{Note 1} |
| Suspended Solids | Quarterly | Standard Methods ^{Note 1} |
| Mineral Oils | Quarterly | Standard Methods ^{Note 1} |
| Fats, Oils, Grease | Quarterly | 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 Emissions to Sewer

Table D.5.1 Sewer Monitoring - Parameters /Frequency

| Parameter | Monitoring Frequency | Analysis Method/Technique ^{Note 1} |
|---------------------------|----------------------|---|
| Flow | Quarterly | Flow meter / recorder |
| Biochemical Oxygen Demand | Quarterly | Standard Method ^{Note 2} |
| Chemical Oxygen Demand | Quarterly | Standard Method ^{Note 2} |
| Ammoniacal nitrogen | Quarterly | Standard Method ^{Note 2} |
| Suspended Solids | Quarterly | Gravimetric |
| pH | Quarterly | pH meter/recorder |
| Temperature | Quarterly | Standard Method ^{Note 2} |
| Detergents (as MBAS) | Quarterly | Standard Method ^{Note 2} |
| Fats, Oils, Grease | Quarterly | Standard Method ^{Note 2} |

Note 1: Or an equivalent method acceptable to the Agency.

Note 2: “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) 19th Ed. 1995, American Public Health Association, 1015 Fifteenth Street, N.W., Washington DC 20005, USA”.

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 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 the end of the three year period being reported on. |
| Specified Engineering Works reports | As they arise | Prior to the works commencing. |
| Foul Water Monitoring | Quarterly | Ten days after the end of the quarter being reported on. |
| Surface Water Monitoring | Quarterly | Ten days after the 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 the end of the year being reported on. |
| Any other monitoring | As they occur | Within ten days of obtaining results. |

Note 1: Unless altered at the request of the Agency

SCHEDULE F : Content of the Annual Environmental Report

Annual Environmental Report Content

Reporting Period.

Waste activities carried out at the facility.

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

Methods of deposition of waste.

Summary report on emissions.

Summary of results and interpretation 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 during the coming year.

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

Report on Waste Recovery.

Schedule of Environmental Objectives and Targets for the forthcoming year.

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.

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.

Report on training of staff.

Any other items specified by the Agency.

Signed on behalf of the said Agency
on the 31st day of August 2001

Jacinta Longworth Authorised Person