



Headquarters,  
P.O. Box 3000,  
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County Wexford, Ireland

## WASTE LICENCE

<b>Waste Licence</b>	111-1
<b>Register Number:</b>	
<b>Licensee:</b>	South East Recycling Co. Ltd.
<b>Location of Facility:</b>	South East Recycling Centre, Carrigbawn, Pembrokestown, Wexford.

# ***Table of Contents***

	Page No.
<b>REASONS FOR THE DECISION</b>	<b>1</b>
<b><i>PART I: ACTIVITIES LICENSED</i></b>	<b>1</b>
<b>INTERPRETATION</b>	<b>2</b>
<b><i>PART II: CONDITIONS</i></b>	<b>5</b>
<b>CONDITION 1 SCOPE</b>	<b>5</b>
<b>CONDITION 2 MANAGEMENT OF THE ACTIVITY</b>	<b>6</b>
<b>CONDITION 3 NOTIFICATION AND RECORD KEEPING</b>	<b>7</b>
<b>CONDITION 4 SITE INFRASTRUCTURE</b>	<b>10</b>
<b>CONDITION 5 WASTE ACCEPTANCE AND HANDLING</b>	<b>15</b>
<b>CONDITION 6 ENVIRONMENTAL NUISANCES</b>	<b>17</b>
<b>CONDITION 7 EMISSIONS AND ENVIRONMENTAL IMPACTS</b>	<b>18</b>
<b>CONDITION 8 RESTORATION AND AFTERCARE</b>	<b>18</b>
<b>CONDITION 9 ENVIRONMENTAL MONITORING</b>	<b>19</b>
<b>CONDITION 10 CONTINGENCY ARRANGEMENTS</b>	<b>20</b>
<b>CONDITION 11 CHARGES AND FINANCIAL PROVISIONS</b>	<b>22</b>
<b>SCHEDULE A : Content of the Environmental Management Programme</b>	<b>23</b>
<b>SCHEDULE B : Content of the Annual Environmental Report</b>	<b>24</b>
<b>SCHEDULE C : Recording and Reporting to the Agency</b>	<b>24</b>
<b>SCHEDULE D : Specified Engineering Works</b>	<b>25</b>
<b>SCHEDULE E : Monitoring</b>	<b>26</b>
<b>SCHEDULE F : Emission Limits</b>	<b>28</b>
<b>SCHEDULE G : Waste Acceptance</b>	<b>29</b>

# Reasons for the Decision

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

In reaching this decision the Agency has considered the application and supporting documentation received from the applicant, 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 Environmental Protection Agency (the Agency), under Section 40(1) of the said Act hereby grants this Waste Licence to South East Recycling Co. Ltd., to carry on the waste activities listed below at South East Recycling Centre, Carrigbawn, Pembrokestown, Wexford subject to eleven conditions, with the reasons therefor and the associated schedules attached thereto set out in the licence.

### *Licensed waste disposal activities, in accordance with the Third Schedule of the Waste Management Act, 1996*

<b>Class 11.</b>	<b>Blending or mixture prior to submission to any activity referred to in a preceding paragraph of this Schedule.</b>
	This activity is limited to handling of the non-recyclable portion of skip waste at the facility prior to transport for disposal at landfill and also subject to expansion at the facility compaction of waste prior to transport for disposal to landfill.
<b>Class 13.</b>	<b>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.</b>
	This activity is limited to the storage of waste at the facility prior to transport for disposal at landfill.

### *Licensed waste recovery activities, in accordance with the Fourth Schedule of the Waste Management Act, 1996*

<b>Class 2.</b>	<b>Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes):</b>
	This activity is limited to the segregation of waste wood at the site prior to transport for re-use and also processing of plastics.
<b>Class 3.</b>	<b>Recycling or reclamation of metals and metal compounds:</b>
	This activity is limited to the removal of steel and other metals from commercial and industrial skip waste and construction and demolition waste at the site for recycling and also to recycling of aluminium cans.
<b>Class 4.</b>	<b>Recycling or reclamation of other inorganic materials:</b>
	This activity is limited to processing of glass at the site prior to transport for recycling.
<b>Class 13.</b>	<b>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:</b>
	This activity is limited to the storage of wastes on site prior to recycling or reclamation activities.

# INTERPRETATION

<b>Act</b>	The Waste Management Act, 1996 (No. 10 of 1996).
<b>Adequate lighting</b>	20 lux measured at ground level.
<b>Agency</b>	Environmental Protection Agency
<b>Agreement</b>	Agreement in writing.
<b>Attachment</b>	Any reference to Attachments in this licence refers to attachments submitted as part of the waste licence application.
<b>Application</b>	The application by the licensee for this waste licence, including any other material submitted to the Agency in writing by the licensee between the date of the application and the date of grant of this licence.
<b>Annually</b>	All or part of a period of twelve consecutive months.
<b>Appropriate facility</b>	A waste management facility, duly authorised under relevant law and technically suitable.
<b>BATNEEC</b>	Best Available Technology Not Entailing Excessive Cost
<b>Bi-annually</b>	All or part of a period of six consecutive months.
<b>Biodegradable waste</b>	Any waste that is capable of undergoing anaerobic or aerobic decomposition, such as food and garden waste, and paper and paperboard.
<b>Bund</b>	A structure to provide containment for any loss of liquid from a storage tank and associated pipework. The Agency's Landfill Design Manual (draft) sets forth design criteria.
<b>Commercial waste</b>	As defined in Section 5 (1) of the Act.
<b>Condition</b>	A condition of this licence. In any case where this licence refers to a numbered condition, the reference shall be taken to mean the condition and any sub-condition therein which the context of the reference requires that reference is made to
<b>Containment boom</b>	A boom which can contain spillages and prevent these from entering drains or watercourses.
<b>Daily</b>	Consecutive 24 hour periods
<b>Day</b>	A period from 0000 hours to 2400 hours.
<b>Daytime</b>	0800 hrs to 2200 hrs.
<b>Documentation</b>	Any report, record, result, data, drawing, proposal, interpretation or other document in written or electronic form which is required by this licence
<b>Drawing</b>	Any reference to a drawing or drawing number means a drawing or drawing number contained in the application, unless otherwise specified in this licence.

<b>EIS</b>	Environmental Impact Statement
<b>Emission</b>	As defined in Section 5 (1) of the Act.
<b>Emission Limit Value</b>	Those limits, including concentration limits and deposition levels established in Schedule F.
<b>Environmental Pollution</b>	As defined in Section 5 (1) of the Act.
<b>European Waste Catalogue (EWC)</b>	The EWC is 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.
<b>Facility</b>	That area or areas defined under Condition 1.2
<b>Fugitive Dust</b>	Non-point source dust emissions. For example, dust from vehicular movements on yards.
<b>Green waste</b>	Waste wood, plant matter and other vegetation.
<b>Hazardous Waste</b>	As defined in Section 4 (2) of the Act.
<b>Household Waste</b>	As defined in Section 5 (1) of the Act.
<b>Incident</b>	Any reference to an incident in this licence means an incident as defined in Condition 3.1.
<b>Industrial waste</b>	As defined in Section 5 (1) of the Act.
<b>Inert waste</b>	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.
<b>Licence</b>	A Waste Licence issued in accordance with the Act.
<b>Licensee</b>	South East Recycling Co. Ltd.
<b>Liquid Waste</b>	Any waste in liquid form and containing less than 2% dry matter
<b>Maintain</b>	Keep in a fit state, including such regular inspection, servicing and repair as may be necessary to adequately perform its function.
<b>Monthly</b>	At least 12 times per year, at approximately monthly intervals.
<b>Municipal Waste</b>	Municipal waste as defined in Section 5 (1) of the Act.
<b>Night-time</b>	2200 hrs to 0800 hrs.
<b>Noise Sensitive Location (NSL)</b>	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.

<b>Non-hazardous waste</b>	Non-Hazardous Waste is any waste, which is not a hazardous waste as defined in the Act.
<b>Oil Separator</b>	Device installed according to the draft European Standard prEN 858 (Installations for the separation of light liquids, e.g. oil and petrol).
<b>Putrescible waste</b>	Waste which is readily biodegradable such as vegetable matter, green waste, etc.
<b>Quarterly</b>	A period of three calendar months, the first period of which commences on the date of grant of this licence
<b>Recovery</b>	As defined in Section 4 (4) of the Act.
<b>Recycling Bring Bank</b>	Individual stand-alone units within a neighbourhood civic amenity site, recycling bring scheme, etc.
<b>Sample(s)</b>	Unless the context of this licence indicates to the contrary, samples shall include measurements by electronic instruments
<b>Sanitary Authority</b>	Wexford County Council
<b>Sludge</b>	The accumulation of solids resulting from chemical coagulation, flocculation and/or sedimentation after water or wastewater treatment.
<b>Specified Emissions</b>	Those emissions listed in Schedule F of this licence.
<b>Specified Engineering Works</b>	Those engineering works listed in Schedule D of this licence.
<b>Submit</b>	Unless the context of this licence indicates otherwise, submit to the Agency in writing for agreement
<b>Trigger Level</b>	A parameter value which when achieved or exceeded requires certain actions to be taken.
<b>Waste</b>	As defined in Section 4(1) of the Act.
<b>Waste disposal activity</b>	Includes the activities referred to in Section 4 of the Act and listed in the Third Schedule thereto.
<b>Waste recovery activity</b>	Includes the activities referred to in Section 4 of the Act and listed in the Fourth Schedule thereto.
<b>Weekly</b>	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.
<b>White Goods</b>	Refrigerators, cookers, ovens and other similar appliances.
<b>Working Day</b>	As per those hours set out in Condition 5.9 with an additional hour after the end of waste acceptance.

## **Part II: CONDITIONS**

### **CONDITION 1 SCOPE**

- 1.1 Waste activities at the facility shall be restricted to those listed and described in Part I: Activities Licensed and required by this licence.
- 1.2 Waste activities shall be restricted to the area of land outlined in red on Figure B.2.2 "Site Plan" of the application. Any reference in this licence to "facility" shall mean the area thus outlined in red.
- 1.3 Every plan, programme or proposal submitted to the Agency for agreement pursuant to any condition of this licence shall include a proposed timescale for its implementation. The Agency may modify or alter any such plan, programme or proposal in so far as it considers such modification or alteration to be necessary. Every plan, programme or proposal shall be carried out within the timescale fixed by the Agency but shall not be undertaken without the agreement of the Agency.
- 1.4 This licence is for the purposes of waste licensing under the Waste Management Act 1996 only and nothing in this licence shall be construed as negating the licensee's statutory obligations or requirements under any other enactments or regulations.
- 1.5 Where the Agency considers that a non-compliance with the Conditions of this licence has occurred, it may serve a notice on the licensee specifying:
- a) that only those wastes as specified, if any, in the notice are to be accepted at the facility after the date set down in the notice;
  - b) that the licensee shall undertake the works stipulated in the notice, and/or otherwise comply with the requirements of the notice as set down therein, within the time-scale contained in the notice; and,
  - c) that the licensee shall carry out any other requirement specified in the notice.

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

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

## CONDITION 2 MANAGEMENT OF THE ACTIVITY

### 2.1 Environmental Management System

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

2.1.2 The EMS shall include as a minimum those elements specified in the Conditions 2.2 to 2.7 below:

### 2.2 Schedule of Environmental Objectives and Targets

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

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

### 2.3 Environmental Management Programme

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

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

### 2.4 Corrective Action

2.4.1 Within six months of the date of grant of this licence, the licensee shall establish and maintain written Corrective Action Procedures to ensure that corrective action is taken should specified requirements to this licence not be fulfilled.

### 2.5 Awareness and Training

2.5.1 Within six months of the date of grant of this licence, the licensee shall establish and maintain Awareness and Training Procedures for identifying training needs and for providing appropriate training, for personnel whose work is related to the licensed facility. Written records of training shall be maintained.

### 2.6 Management Structure

2.6.1 Within three months from the date of grant of this licence, the licensee shall submit written details of the management structure of the facility for the agreement of the Agency. Any subsequent changes in the management structure shall be submitted in writing to the Agency for its prior agreement.

Written details of the management structure shall include the following information:

- a) the names of all persons who are to provide the management and supervision of the waste activities authorised by the licence;
- b) details of the responsibilities for each individual named under a) above;
- c) details of the relevant experience, competence and qualifications held by each of the persons nominated under a) above; and
- d) contingency arrangements for the absences of the named persons from the facility.

## 2.7 Communications

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

2.7.2 The Civic Waste Facility shall be supervised at all times during hours of waste acceptance.

## 2.8 Annual Environmental Report

2.8.1 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 the year thereafter, an Annual Environmental Report (AER).

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

2.9 The licensee shall employ a suitably qualified and experienced facility manager who shall be designated as the person in charge. The facility manager or a suitably qualified and experienced deputy shall be present at all times during the operation of the facility.

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

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

## CONDITION 3 NOTIFICATION AND RECORD KEEPING

3.1 The licensee shall make written records of the following incidents:

- a) any nuisance caused by the activity
- b) any emission which does not comply with the requirements of this licence;
- c) any trigger level specified in this licence which is attained or exceeded;

- d) any indication that environmental pollution has, or may have, taken place; and
  - e) any emergency.
- 3.2 The written record shall include all aspects described in Condition 10.7(a-e).
- 3.3 Unless otherwise instructed in writing by the Agency, the licensee shall:
- a) notify the Agency by telephone, and by facsimile if available, as soon as practicable and in any case not later than 10.00 am the following working day after the occurrence of any incident;
  - b) submit the written record required by this condition to the Agency as soon as practicable and in any case within five working days after the occurrence of any incident; 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.
- 3.4 Should any further actions be taken after the date of written notification, as a result of an incident occurring, the licensee shall forward a written report of those actions to the Agency as soon as practicable and no later than ten days after the initiation of those actions.
- 3.5 Unless otherwise agreed by the Agency, all documentation submitted to the Agency shall:
- (a) be sent to the Agency's headquarters;
  - (b) comprise one original and three copies;
  - (c) be formatted in accordance with any written instruction or guidance issued by the Agency;
  - (d) 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; and
  - (g) in the case of results of any environmental monitoring, be accompanied by a written interpretation setting out their significance.
- 3.6 Copies of all environmental monitoring data obtained by the licensee which relates to the facility shall be forwarded to the Agency at the frequencies set out in Schedule C to this licence.
- 3.7 All documentation and records required to be made under this licence, shall be retained by the licensee unless otherwise agreed with the Agency.
- 3.8 The licensee shall provide additional copies of any documentation and records referred to in this licence to the Agency upon written request, within the time specified in writing by the Agency.
- 3.9 The licensee shall keep the following documents at the facility office referred to in *Condition 4.5*.
- a) the current waste licence relating to the facility;

- b) 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.
- 3.10 The licensee shall maintain a written record, or a record in a format to be agreed with the Agency, for each load of waste arriving at and departing from 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) a description of the waste including the associated EWC codes;
  - f) the quantity of the waste accepted at or removed from the facility, recorded in tonnes (or an estimate, prior to the installation of the weighbridge required by Condition 4.8);
  - g) the name of the person checking the load; and
  - h) in the event of waste departing from the facility, the destination of the load.
- 3.11 The licensee shall assign and clearly label a unique reference code to each container at the site. In addition, subject to *Condition 5.2*, the following shall be recorded for municipal waste accepted at the facility:
- a) the start time at which filling a container with compacted waste commenced;
  - b) the time at which the container was closed;
  - c) the time at which the container was removed from the facility; and
  - d) the total number of containers being stored overnight on a daily basis.
- 3.12 The licensee shall keep a written record of each consignment of foul water removed from the facility. The record shall include the following:
- a) the name of the carrier;
  - b) the date and time of removal of foul water from the facility;
  - c) the volume of foul water, in cubic metres, removed from the facility on each occasion;
  - d) the name and address of the Wastewater Treatment Plant to which the foul water was transported;
  - e) any incidents or spillages of foul water during its removal or transportation.
- 3.13 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.

- 3.14 Provision shall be made for the transfer of environmental information specified by the Agency, in relation to the activities carried on under this licence, to the Agency's computer system within a timescale specified in writing by the Agency.

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

## CONDITION 4 SITE INFRASTRUCTURE

- 4.1 The licensee shall establish all infrastructure referred to in this licence or as instructed by the Agency.

### 4.2 Site Notice Board

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

4.2.2 The board shall clearly show:

- a) the name and telephone number of the facility;
- b) the normal hours of opening;
- c) the name, address and telephone number of the licence holder;
- d) an emergency out of hours contact telephone number;
- e) the name, address and telephone number of the operator of the facility;
- f) the licence reference number;
- g) where and when environmental monitoring information relating to the facility can be obtained.

### 4.3 Site Security

4.3.1 Within six months of the date of this licence the licensee shall provide and maintain security fencing and gates as described in Section 3.2.1.1 Security Arrangements of EIS received as part of the application, unless otherwise agreed with or instructed by the Agency.

4.3.2 The licensee shall remedy any defect in the gates and/or fencing as follows:

- a) a temporary repair shall be made by the end of the working day; and
- b) a repair to the standard of the original gates and/or fencing shall be undertaken within three working days or as otherwise agreed with the Agency.

4.3.3 Gates shall be locked shut when the facility is unsupervised. Adequate provision for access to the facility in the event of an emergency shall be made.

### 4.4 Site Roads and Hardstanding

4.4.1 Within twelve months of the date of this licence the licensee shall upgrade and maintain the access road in accordance with Section 3.2.1.2 Design of Site Roads received as part of the application and as detailed on Drawing No. 96113/10A – Site Layout unless otherwise agreed with the Agency.

4.4.2 Within six months of the date of grant of this licence, unless otherwise agreed with the Agency, the licensee shall ensure that all facility areas used in relation to

the activities licensed are surfaced in concrete to British Standard 8110, or to an equivalent standard agreed with the Agency.

- 4.5 The licensee shall provide and maintain an office on or adjacent to the facility. The office shall be constructed and maintained in a manner suitable for the processing and storing of documentation.
- 4.6 The licensee shall provide and maintain a working telephone and facsimile machine in the office specified in Condition 4.5 above.
- 4.7 Waste Quarantine Area
- 4.7.1 A waste quarantine area shall be provided and maintained at the facility within nine months of the date of grant of this licence. The location of this area shall be agreed in advance with the Agency. The licensee shall ensure that this area shall be constructed and maintained in a manner suitable and be of a size appropriate for the inspection of waste and subsequent quarantine if required.
- 4.8 Weighbridge
- 4.8.1 A weighbridge shall be provided at the facility within three months of the date of grant of this licence. The location of the weighbridge shall be agreed in advance with the Agency.
- 4.8.2 The weighbridge shall be maintained in such condition as to accurately measure the weight of all vehicles using it.
- 4.9 Cleaning Facilities
- 4.9.1 Cleaning facilities for vehicles and containers shall be provided and maintained at the facility within three months of the date of grant of this licence such that all washings from the cleaning operations are re-circulated. The system(s) shall be desludged as necessary and properly maintained at all times.
- 4.9.2 The location and details of these facilities shall be agreed in advance with the Agency.
- 4.10 Facility Layout
- 4.10.1 The Recycling Centre and Segregation Transfer Station, the Construction Waste Segregation Area, parking areas for truck and on-site vehicles, bunded fuel storage areas, the wastewater treatment system and attenuation pond shall be located further north-west than is proposed in the application subject to agreement of the Agency.
- 4.10.2 Within three months of the date of grant of this licence the licensee shall provide an embankment to provide effective screening of the facility and to control noise emissions from the facility between the existing Waste Transfer/Recycling Building and the site boundary to the south-east of the facility.
- 4.11 Storage Areas
- 4.11.1 Within three months of the date of grant of this licence the licensee shall submit to the Agency for its agreement a drawing detailing the areas designated for waste storage.
- 4.11.2 Within six months of the date of grant of this licence the licensee shall provide and maintain a bunded fuel storage area(s) at the facility for the storage of all fuels referred to in Section 3.2.1.6 of the EIS submitted as part of the application,

unless otherwise agreed with the Agency. The location of the auto diesel storage area shall be agreed with the Agency in advance.

- 4.11.3 Prior to the construction of the above bunded fuel storage area(s), fuel stored on site shall be held in a temporary bunded storage area to be agreed with the Agency.
- 4.11.4 Skip storage areas shall be located as shown in Drawing No. Figure 3.1.3 – Proposed Site Layout of the application and bunded and maintained in accordance with Conditions 4.11.5 – 4.11.9, unless otherwise agreed with the Agency.
- 4.11.5 All tank and drum storage areas shall be rendered impervious to the materials stored therein. In addition, 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.
- 4.11.6 All drainage from bunded areas shall be diverted for collection and safe disposal.
- 4.11.7 All inlets, outlets, vent pipes, valves and gauges must be within the bunded area.
- 4.11.8 The integrity and water tightness of all bunds and tanks and their resistance to penetration by water or other materials stored therein shall be tested and demonstrated by the licensee and shall be reported to the Agency following its installation and prior to its 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. The licensee shall also submit to the Agency for its agreement in each case a written report on the storage of fuels on site. A written record of all integrity tests and any maintenance or remedial work arising from them shall be maintained by the licensee.
- 4.11.9 All tanks and containers shall be labelled to clearly indicate their contents.
- 4.12 Foul Water / Effluent / Drainage
- 4.12.1 Within eighteen months of the date of grant of this licence the licensee shall provide and maintain a wastewater treatment system to cater for sewage and foul water arising on the facility. This system shall be in accordance with the guidance document *Wastewater Treatments Manuals – Treatment Systems for Small Communities, Business, Leisure Centres and Hotels (EPA, 1999)*.
- The existing septic tank system shall be decommissioned within three months of the commissioning of the above mentioned system.
- 4.12.2 Within six months of the date of grant of this licence all drainage from the concrete hardstanding areas shall be directed through a Full Retention Class I oil-water interceptor and settlement pond, prior to discharge to surface water, unless otherwise agreed with the Agency. Rainwater run-off from the roofs of the buildings shall be directed to surface water via a separate drainage system.
- 4.12.3 Within six months of the date of grant of this licence the licensee shall provide for the collection of foul water generated in the existing Waste Transfer/Facility Building (including all glass recycling areas) as shown on Drawing No. Figure 3.1.1 – Existing Site Layout. This foul water shall be directed to a holding tank.

- 4.12.4 Within three months of the date of grant of this licence the licensee shall submit to the Agency a drawing of the facility to scale 1:500 showing the proposed upgrading of the surface water drainage system. This drawing shall include a colour coded marking system to distinguish between the various surface and foul drainage systems.
- 4.12.5 The drainage system, bunds and oil separators shall be inspected weekly, desludged as necessary and properly maintained at all times. The Class I oil-water interceptor shall be cleaned out at least once every six months. 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. Details of the quantity of materials taken from the interceptors and its disposal shall be submitted to the Agency as part of the Annual Environmental Report.
- 4.12.6 Within nine months of the date of grant of this licence, all foul drains, 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 site operation. Any alterations to the site drainage thereafter shall comply with this colour coding within one week of such alterations.
- 4.12.7 Any proposed changes to the existing surface water regime shall be agreed in advance with the Agency.
- 4.13 Foul Water Holding Tanks
- 4.13.1 Any foul water holding tanks required by this licence shall be fitted with high level visual and aural alarms. The licensee shall carry out visual, wall thickness tests and hydrostatic tests on all holding tanks upon construction and every three years thereafter.
- 4.14 Fire Prevention
- 4.14.1 The licensee shall provide, install and maintain a system for the detection of a fire inside existing facility buildings within nine months of the date of grant of this licence. A written record shall be kept of the inspections, testing and maintenance of this system.
- 4.14.2 Appropriate fire detection systems shall be included in any future infrastructure.
- 4.15 The licensee shall provide and use adequate lighting during the operation of the facility during the hours of darkness.
- 4.16 Specified Engineering Works
- 4.16.1 The licensee shall submit written proposals for all Specified Engineering Works, as defined in Schedule D: Specified Engineering Works, 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.
- 4.16.2 All specified engineering works shall be supervised by a competent person(s) agreed in advance by the Agency and that person, or persons, shall be present at all times during which relevant works are being undertaken.
- 4.16.3 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 validation report shall include the following information

- a) a description of the works;
- b) as-built drawings of the works;
- c) records and results of all tests carried out (including failures);
- d) where relevant a drawing and sections showing the location of all samples and tests carried out;
- e) daily records sheets/diary;
- f) name(s) of contractor(s)/individual(s) responsible for undertaking the engineering works;
- g) name(s) of individual(s) responsible for supervision of works and for quality assurance validation of works;
- h) records of any problems and the remedial works carried out; and
- i) any other information requested in writing by the Agency.

#### 4.17 Landscape Proposals

4.17.1 Within nine months of the date of grant of this licence, the licensee shall submit to the Agency, for its agreement, landscape planting proposals for boundary screening. These proposals shall include details of (but not limited to):

- a) the time-frame for landscaping works in relation to site development;
- b) species composition and the suitability of the hedge/tree mix for the area;
- c) total area(s) to be planted;
- d) planting method and fertiliser requirement;
- e) tree protection; and
- f) post planting management.

The licensee shall update these proposals when required in writing by the Agency and submit the proposed amendments to the Agency for its agreement.

4.18 The licensee shall engage the services of a professional archaeologist prior to and during the undertaking of any major earthworks at the facility.

#### 4.19 Access Road

4.19.1 Traffic awaiting access to the facility shall queue only along the facility access road.

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

## CONDITION 5 WASTE ACCEPTANCE AND HANDLING

5.1. No hazardous waste, asbestos waste, liquid waste or sludges shall be accepted at the facility.

5.2. Waste Types and Quantities

5.2.1. Only those waste types and quantities listed in Schedule G: Waste Acceptance shall be accepted at the facility unless prior agreement of the Agency has been obtained.

5.2.2. Only the following wastes shall be accepted at the proposed Recycling Centre and Segregation Transfer Station for compaction; household waste, commercial waste and industrial non-hazardous waste.

5.2.3. Civic Waste Facility

(a) Only waste for the purposes of recovery shall be accepted; and

(b) Wastes may only be stored in suitable containers.

5.2.4. Unless otherwise agreed with the Agency, municipal waste shall not be accepted at the facility until the infrastructure specified in the application is in place, other than temporary overnight storage in fully enclosed containers.

5.3. Waste Acceptance Procedures

5.3.1. Within six months from the date of grant of this licence, the licensee shall submit to the Agency for its agreement written procedures for the testing, characterisation and acceptance of waste. This procedure shall include provisions for dealing with unacceptable wastes. Procedures for the acceptance of waste at the civic waste facility shall be submitted to the Agency prior to its use.

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

5.3.3. Each load of waste arriving at the transfer station shall be visually inspected prior to unloading in accordance with "Level 3: On-site Verification" outlined in the Agency's Draft Manual on Waste Acceptance. Any wastes deemed to be in contravention of this licence and/or unsuitable for disposal at this facility shall be removed for disposal at an appropriate alternative facility.

5.3.4. The licensee shall within six months of the date of grant of this licence submit a written procedure for the management of unacceptable wastes received at the facility for the agreement of the Agency. This procedure will detail unacceptable waste types, handling procedures, waste quarantine procedures, record keeping and levels of staff responsibility.

All suspect materials identified by the visual inspection of the waste shall be diverted to the Waste Quarantine Area (once installed) or other designated area as agreed in advance by the Agency, for further examination and classification. Materials other than those permitted by this licence shall be submitted to an alternative appropriate facility.

- 5.3.5. There shall be no casual public access to the facility other than to the civic waste facility, when provided (see also Condition 2.7).
- 5.4. All waste shall be processed as detailed in Section 3.2.2.2 of the EIS submitted as part of the application unless otherwise agreed or instructed by the Agency. Any waste deemed unsuitable and/or in contravention of this waste licence, including waste currently stored at the facility, shall be immediately separated and at the earliest possible time removed for recovery or disposal at an appropriate alternative facility.
- 5.5. Within twelve months of the date of grant of this licence all waste activities other than the temporary storage of waste, in accordance with Condition 5.10.2, shall be carried out within fully enclosed buildings.
- 5.6. Waste Compaction, subject to Condition 5.2.2
- 5.6.1. All waste accepted into the proposed Recycling Centre for compaction shall be compacted within 12 hours unless otherwise agreed in advance with the Agency.
- 5.6.2. The licensee shall ensure that the compactor, once installed, is operated and maintained in accordance with the manufacturer's instructions.
- 5.7. At the end of the working day the floor of the facility buildings, work areas and subject to Condition 5.2.2 the hoppers, shall be cleaned of all waste.
- 5.8. Recycling rates of 50% by 31/12/2003 increasing to 85% by 31/12/2012 for construction and demolition waste accepted at the facility shall be achieved, unless otherwise agreed with the Agency:
- 5.9. Waste shall only be accepted at the facility between the hours of 8.00a.m. to 5.30p.m. Monday to Friday inclusive and 8.00a.m. to 1.00p.m. on Saturdays unless otherwise agreed in advance with the Agency.
- 5.10. Storage/Designated Areas
- 5.10.1. No waste shall be stored overnight at the facility in other than designated and, where appropriate, secure storage areas.
- 5.10.2. Apart from wastes stored at the civic waste facility in accordance with Condition 5.2.3, no waste shall be placed or allowed to accumulate outside the facility buildings other than glass, cans and baled cardboard in fully enclosed trailers/containers unless agreed in advance with the Agency.
- 5.10.3. Each designated storage area as referred to in Condition 4.11.1, shall contain only those classes of waste shown thereon.
- 5.10.4. All containers shall be uniquely marked using indelible or other permanent markings to clearly indicate their contents. All previous/ irrelevant markings and or labels shall be removed or obliterated.
- 5.11. Scavenging shall not be permitted at the facility.
- 5.12. Waste sent off-site for recovery/disposal shall only be conveyed to a waste facility, as outlined in Section 3.1 of the EIS included as part of the application, or as otherwise agreed in advance by the Agency. 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.

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

## CONDITION 6 ENVIRONMENTAL NUISANCES

- 6.1. At all times other than Bank Holiday weekends, all municipal waste for disposal shall be removed from the facility within forty-eight hours of its arrival on site. At Bank Holiday weekends such waste shall be removed from the facility within seventy- two hours of its arrival on site. No other waste for disposal or waste for recovery shall be stored at the facility for longer than six months.
- 6.2. The licensee shall, at a minimum of one week intervals, inspect the facility and its immediate surrounds for nuisances caused by vermin, birds, flies, mud, dust and odours. Written records shall be made of all inspections and any actions taken as a result of these inspections.
- 6.3. The road network in the vicinity of the facility shall be kept free from any debris caused by vehicles entering or leaving the facility. Any such debris or deposited materials shall be removed without delay.
- 6.4. All loose litter accumulated within the facility and its environs shall be removed subject to the agreement of the landowners and appropriately disposed of on a daily basis.
- 6.5. Any waste placed on or in the vicinity of the facility, other than in accordance with the requirements of this licence, shall be removed by the licensee immediately and in any event by 10:00am of the next working day, after such waste is discovered. Such waste shall be disposed of at an appropriate facility.
- 6.6. The licensee shall ensure that all vehicles delivering and removing waste from the facility are appropriately covered and secure, and that there shall be no liquid discharges from the waste transported therein.
- 6.7. Dust Control
  - 6.7.1. 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.
  - 6.7.2. Water sprinklers shall be operated as and when required for the prevention of dust nuisance.
- 6.8. The licensee shall ensure that vermin, birds, flies, mud, dust and odours do not give rise to nuisance at the facility or the immediate environment of the facility. Any method used by the licensee to control any such nuisance shall not cause environmental pollution.
- 6.9. Vermin Control
  - 6.9.1. Within three months of the date of grant of this licence, the licensee shall:
    - 6.9.1.1. carry out a review of vermin control measures as set out in Section 3.4.9 of the EIS submitted as part of the application; and
    - 6.9.1.2. submit a report on this review and any proposed changes to the vermin control measures to the Agency for its agreement.
  - 6.9.2. Subject to Condition 5.2 and prior to the acceptance of any municipal waste at the facility for compaction prior to disposal, an assessment of vermin control measures and requirements shall be undertaken and proposals for update thereof shall be forwarded to the Agency for its agreement.
- 6.10. Subject to Condition 5.2 and prior to the acceptance of municipal waste at the facility for compaction prior to disposal, the licensee shall submit to the Agency for its agreement a programme for the assessment and control of odours arising from the facility, unless

otherwise agreed or instructed by the Agency. This programme shall be initiated prior to the acceptance of municipal waste at the facility.

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

## **CONDITION 7 EMISSIONS AND ENVIRONMENTAL IMPACTS**

- 7.1. No specified emission from the facility shall exceed the emission limit values set out in *Schedule F: Emission Limits* of this licence. There shall be no other emissions of environmental significance.
- 7.2. All treatment/abatement and emission control equipment shall be calibrated and maintained, in accordance with the instructions issued by the manufacturer/supplier or installer. Written records of the calibrations and maintenance shall be made and kept by the licensee.
- 7.3. The licensee shall ensure that the activities shall be carried out in a manner such that emissions do not result in significant impairment of, or significant interference with the environment beyond the facility boundary.
- 7.4. Wastewater Treatment
  - 7.4.1. The licensee shall maintain a wastewater treatment system in accordance with Condition 4.12.1.
- 7.5. Discharges to Surface Water
  - 7.5.1. Discharges to surface water shall only be made at the location shown in Figure 3.6.1 – Proposed Surface Water Monitoring of the EIS submitted as part of the application, unless otherwise agreed with the Agency.
  - 7.5.2. There shall be no visible oil in the discharge.
- 7.6. Foul Water Handling
  - 7.6.1. Foul water directed to dedicated holding tanks shall be tankered off-site to a wastewater treatment plant subject to Condition 3.12 and any requirements of the wastewater treatment plant operator. The frequency of removal shall be such that a minimum of 10% spare capacity is maintained at all times in the holding tanks.

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

## **CONDITION 8 RESTORATION AND AFTERCARE**

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

**Reason:** *To provide for decommissioning of the facility and aftercare of the site on which the facility is located.*

## **CONDITION 9 ENVIRONMENTAL MONITORING**

- 9.1. The licensee shall carry out such monitoring and at such locations and frequencies as set out in Schedule E: Monitoring and as specified in the Conditions of this licence.
- 9.2. Surface Water Monitoring
  - 9.2.1. The licensee shall provide, install and maintain within six months of the grant of this licence, a monitoring point for the representative sampling of the surface water discharge from the settlement pond or equivalent required by Condition 4.12.2, unless otherwise agreed with the Agency. A shut-off valve shall be incorporated in the design to stop this discharge when required.
  - 9.2.2. Within three months of the date of grant of this licence the licensee shall submit further surface water monitoring locations to satisfy Schedule E: Monitoring, for agreement with the Agency.
- 9.3. Dust Monitoring
  - 9.3.1. Within three months of the date of grant of this licence the licensee shall submit further dust monitoring locations to satisfy Schedule E: Monitoring, for agreement with the Agency.
  - 9.3.2. Dust deposition monitoring shall be carried out as specified in Schedule E: Monitoring. The first such monitoring shall be undertaken during the first relevant period following agreement under Condition 9.3.1.
- 9.4. Noise Monitoring
  - 9.4.1. Within three months of the date of grant of this licence, the licensee shall submit further noise monitoring locations to satisfy Schedule E: Monitoring, for agreement with the Agency.
  - 9.4.2. Noise monitoring as specified in Schedule E: Monitoring shall be carried out on a bi-annual basis during operational hours. The first such monitoring shall be undertaken within six months of the date of the grant of this licence.
  - 9.4.3. Noise monitoring shall be carried out prior to and following installation of any new waste processing equipment.
- 9.5. Groundwater Monitoring
  - 9.5.1. Within three months of the date of grant of this licence, the licensee shall submit locations for groundwater monitoring to satisfy Schedule E: Monitoring, for agreement with the Agency. Use of boreholes BH2 and BH4 are subject to the provision of satisfactory bentonite/cement seals in the well-heads.
  - 9.5.2. Groundwater monitoring shall be carried out as specified in Schedule E: Monitoring. The first such monitoring shall be undertaken during the first relevant period following agreement under Condition 9.5.1.
- 9.6. The licensee shall provide safe and permanent access to all on-site and off-site sampling and monitoring points as required by the Agency.
- 9.7. The licensee shall provide and maintain all sampling and monitoring points so that they may be used for the representative sampling and monitoring of emissions from the facility.

- 9.8. Monitoring and analysis equipment shall be operated and maintained in accordance with the manufacturer's instructions (if any) so that all monitoring results accurately reflect any emission or discharge or environmental parameter.
- 9.9. The licensee shall amend the frequency, locations, methods and scope of monitoring, sampling, analyses and investigations only upon the written instruction of the Agency and shall provide such information concerning such amendments as may be requested in writing by the Agency. Such alterations shall be carried out within any timescale nominated by the Agency.
- 9.10. A written record shall be kept of the names, qualifications and a summary of relevant experience of all persons who carry out all sampling and monitoring as required by this licence and who carry out the interpretation of the results of such sampling and monitoring, unless otherwise agreed with the Agency.
- 9.11. All on-site monitoring points as described in Condition 9.1 shall be labelled in situ with their agreed sampling point codes within nine months of the granting of this licence.
- 9.12. Unless otherwise specified by this licence or agreed by the Agency, all environmental monitoring shall commence no later than two months after the date of grant of this licence.

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

## **CONDITION 10 CONTINGENCY ARRANGEMENTS**

- 10.1. The licensee shall, within six months of the date of grant of this licence, submit a written emergency response procedure (ERP) to the Agency for its agreement. The ERP shall address any emergency situations, which may originate on the facility, and shall include provision for minimising the effects of any emergency on the environment.
- 10.2. The licensee shall have in storage an adequate supply of containment booms and/or suitable absorbent material to contain and absorb any spillage at the facility. Once used the absorbent material shall be disposed of at an appropriate facility.
- 10.3. All significant spillages occurring at the facility shall be treated as an emergency and immediately cleaned up and dealt with so as to alleviate their effects.
- 10.4. No waste shall be burned within the boundaries of the facility. A fire at the facility shall be treated as an emergency. Immediate action shall be taken to extinguish it and the appropriate authorities notified.
- 10.5. The licensee shall carry out a risk assessment to examine the existing arrangements for the storage of fire-water and shall ensure that the requirements at the facility for fire fighting and fire water retention facilities are met. The Chief Fire Officer of Wexford County Council shall be consulted by the licensee during this assessment. Within six months from the date of grant of this licence, the licensee shall submit a report, including recommendations, on the risk assessment to the Agency for its agreement.  
  
In the event that a significant risk is found to exist for the release of contaminated fire-water, the licensee shall, based on the findings of the risk assessment, prepare and implement, with the agreement of the Agency, a suitable risk management programme. The risk management programme shall be fully implemented within the timescale notified in writing by the Agency.
- 10.6. In the event of a complete breakdown of equipment or any other occurrence which results in the closure of the Recycling Centre and Segregation/Transfer Station, once

installed, any putrescible 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 Recycling Centre and Segregation/Transfer Station is returned to a fully operational status. Such a breakdown event shall be treated as an emergency and rectified as soon as possible.

- 10.7. Unless otherwise notified in writing by the Agency in the event that any monitoring, sampling or observations indicate that an incident has, or may have, taken place, the licensee shall immediately:
- a) identify the date, time and place of the incident;
  - b) carry out an immediate investigation to identify the nature, source and cause of the incident and any emission;
  - c) isolate the source of the emission;
  - d) evaluate the environmental pollution, if any, caused by the incident;
  - e) identify and execute measures to minimise the emissions/malfunction and the effects thereof;
  - f) provide a proposal to the Agency for its agreement within one month to:
    - (i) identify and put in place measures to avoid reoccurrence of the incident, and;
    - (ii) identify and put in place any other appropriate remedial action.

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

## CONDITION 11 CHARGES AND FINANCIAL PROVISIONS

### 11.1 Agency Charges

- 11.1.1 The licensee shall pay to the Agency an annual contribution of £8,277 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 31<sup>st</sup> December 2001. This amount shall be paid to the Agency within one month of the date of grant of this licence.
- 11.1.2 In the event that the frequency or extent of monitoring or other functions carried out by the Agency needs to be increased the licensee shall contribute such sums as determined by the Agency to defraying its costs.

### 11.2 Financial Provision for Closure, Restoration and Aftercare

- 11.2.1 The licensee shall 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 agreement within six months of date of grant of this licence.
- 11.2.2 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.
- 11.2.3 The amount of financial provision, held under Condition 11.2.2 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.
- 11.2.4 The licensee shall within two weeks of purchase, renewal or revision of the financial provision required under Condition 11.2.2, forward to the Agency written proof of such indemnity.

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

# SCHEDULE A :Content of the Environmental Management Programme

## Environmental Management Programme

### Details of Operator

Name and Address of Operator and Site. Included should be contact names in respect of persons with managerial responsibility for site operations, including the facility manager. Relevant telephone numbers should also be given. All relevant drawings should be included in the EMP.

### Types of Waste Accepted

A detailed description of the types of waste that can be accepted on the site should be given.

### Quantity of Wastes Accepted

Details should be given on the annual quantity of waste taken into the site.

### Engineering Details

Details of all significant site engineering works should be included. Where applicable the information should cover:

- fencing, gates and other security
- site access roads and secondary site roads
- offices, fuel stores etc.
- site infrastructure etc.

### Operational Matters

These should include:

- description of the operations
- measures for the control of environmental nuisances
- measures for the control of emissions
- site opening and operating times
- access control
- waste acceptance procedures
- procedures for dealing with unacceptable wastes
- equipment to be utilised
- site personnel, including qualifications, duties and responsibilities
- monitoring and maintenance procedures
- trigger levels for emissions
- operational and safety rules (including safety statement)
- emergency procedures

### Objectives and Targets

Objectives and targets for improving the environmental performance of the facility shall be detailed. These should include:

- emissions
- resource use
- wastes produced.

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

Designation of Responsibility for Achieving Targets and Objectives

### Other items specified by the Agency

# SCHEDULE B :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 and total amount of waste being held at the facility at the time of the report.
Summary report on emissions (Certified results/data sheets to be attached as Appendices)
Summary of results and interpretations of environmental monitoring, including a location plan of all monitoring locations along with their respective 12 digit grid references.
Resource and energy consumption summary.
Report on development works undertaken during the reporting period, and a timescale for those proposed for the coming year.
Schedule of Environmental Objectives and Targets for the forthcoming year.
Report on the progress towards achievement of the Environmental Objectives and Targets contained in previous year's report.
Full title and a written summary of any procedures developed by the licensee in the year which relates to the facility operation.
Tank, drum, pipeline and bund testing and inspection report.
Reported Incidents and Complaints summaries.
Volume of foul water produced and volume of foul water transported/discharged off-site.
Reports on financial provision made under this licence, management and staffing structure of the facility, and a programme for public information.
Any other items specified by the Agency.

# SCHEDULE C :Recording and Reporting to the Agency

Table C.1 Recurring Reports

Report and Contents	Reporting Frequency <sup>Note 1</sup>	Report Submission Date
<b>Environmental Management System Updates</b>	Annually	One month after the end of each year being reported on.
<b>Annual Environmental Report</b>	Annually	One month after the end of each year being reported on.
<b>Records of incidents</b>	As they occur	Within five days of the incident
<b>Specified Engineering Works Reports</b>	As they arise	Prior to the works commencing
<b>Bund, tank and container integrity assessment</b>	Every three years	Six months from the date of grant of licence and one month after end of the year being reported on.
<b>Underground pipe and tank integrity assessment</b>	5 yearly	Eighteen months from the date of grant of licence and one month after end of the year being reported on.
<b>Surface Water Monitoring</b>	Quarterly	Ten days after end of the quarter being reported on.
<b>Noise monitoring</b>	Bi-annually	One month after the completion of the monitoring
<b>Groundwater monitoring</b>	Bi-annually	One month after the completion of the monitoring
<b>Dust monitoring</b>	Three times a year	One month after the completion of the monitoring
<b>Any other monitoring</b>	As they occur	Within ten days of obtaining the results

**Note 1:** Unless altered at the request of the Agency

## SCHEDULE D :Specified Engineering Works

### Specified Engineering Works

Installation of site security infrastructure.  
Installation/development of site roads.  
Development of waste storage and processing areas.  
Installation of sumps or other drainage controls.  
Installation of groundwater control and/or monitoring systems.  
Installation of bunded fuel storage areas.  
Installation of increased waste processing capacity.  
Installation of waste processing or other equipment.  
Installation of Waste quarantine area.  
Installation of Weighbridge.  
Installation of Vehicle and Container Cleaning Facilities.  
Installation of Fire Prevention/Control Infrastructure.  
Installation of Civic Waste Facility.  
Surface/foul water controls.  
Installation of screens/embankments or other landscaping proposals.  
Holding Tanks  
Any other works notified by the Agency.

# SCHEDULE E :Monitoring

Monitoring to be carried out as specified below.

## E.1: Dust

Dust monitoring locations shall be those as set out in Table E.1.1 and where relevant shown in Drawing No. – Figure 2.2.1 Location of Dust Monitors of the EIS received as part of the application.

Table E.1.1 Dust Monitoring Locations

STATION
D1
D3
South eastern boundary of facility <sup>Note 1</sup>
Eastern boundary of facility <sup>Note 1</sup>
Western boundary of facility <sup>Note 1</sup>

**Note 1:** Locations to be agreed subject to Condition 9.3

Table E.1.2 Dust Monitoring Frequency and Technique

Parameter (mg/m <sup>2</sup> /day)	Monitoring Frequency	Analysis Method/Technique
Dust	Three times a year <sup>Note 2</sup>	Standard Method <sup>Note 1</sup>

**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, or as otherwise specified in writing by the Agency.

## E.2: Noise

Noise monitoring locations shall be those as set out in Table E.2.1 and where relevant shown in Drawing No.s – *Figure 2.3.1 Location of Noise Measurements on site* and *Figure 2.3.2 Location of Noise Measurements around site* of the EIS received as part of the application.

Table E.2.1 Noise Monitoring Locations

STATION
N1(or other along eastern boundary of facility <sup>Note 1</sup> )
N2/6
N7
N8
South east boundary of facility <sup>Note 1</sup>
Southern boundary of facility <sup>Note 1</sup>
Northern boundary of facility <sup>Note 1</sup>

**Note 1:** Locations to be agreed subject to Condition 9.4

Table E.2.2 Noise Monitoring Frequency and Technique

Parameter	Monitoring Frequency	Analysis Method/Technique
L(A) <sub>Eq</sub> [30 minutes]	Bi-annually	Standard <sup>Note 1</sup>
L(A) <sub>10</sub> [30 minutes]	Bi-annually	Standard <sup>Note 1</sup>
L(A) <sub>90</sub> [30 minutes]	Bi-annually	Standard <sup>Note 1</sup>
Frequency Analysis(1/3 Octave band analysis)	Bi-annually	Standard <sup>Note 1</sup>

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

### E.3: Surface Water

Surface Water monitoring locations shall be those as set out in Table E.3.1.

Table E.3.1 Surface Water Monitoring Locations

STATION <sup>Note 1</sup>
Drain located along south-western boundary of facility - point upstream of facility
Drain located along south-western boundary of facility - point downstream of facility
Drain located along north-eastern boundary of facility - point upstream of proposed discharge point
Drain located along north-eastern boundary of facility - point downstream of proposed discharge point
Discharge from settlement pond or equivalent.

**Note 1:** Locations to be agreed subject to Condition 9.2

Table E.3.2 Surface Water Monitoring Parameters and Frequencies

Parameter	Monitoring Frequency	Analysis Method/Technique
Visual Inspection	Weekly	Not applicable
pH	Quarterly	Electrometry
BOD	Quarterly	Electrometry / Titrimetry with nitrification inhibitor
COD	Quarterly	Digestion + Colorimetry/Titrimetry
Chloride	Quarterly	Colorimetry / Ion Chromatography
Dissolved Oxygen	Quarterly	Electrometry
Electrical Conductivity	Quarterly	Electrometry
Total Suspended Solids	Quarterly	Gravimetry
Oils, fats, grease	Quarterly	Extraction with solvent and gravimetry Standard Method <sup>Note 1</sup>
Ammoniacal Nitrogen	Quarterly	ISE / Colorimetry
Temperature	Quarterly	Thermometry
Coliforms (total, faecal)	Annually	Membrane filtration or MPN using referenced procedures

**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) 19th Ed. 1995, American Public Health Association, 1015 Fifteenth Street, N.W., Washington DC 20005, USA.

#### E.4: Groundwater

Groundwater monitoring locations shall be those as set out in Table E.5.1 and where relevant Drawing No. – *Figure 2.5.1 Groundwater Contours (11/3/99)* of the EIS received as part of the application.

Table E.4.1 Groundwater Monitoring Locations

STATION
BH4 <sup>Note 1</sup>
BH2 <sup>Note 1</sup>
Downgradient of proposed facility treatment systems <sup>Note 2</sup>

**Note 1:** Or alternative agreed with the Agency.

**Note 2:** To be agreed with Agency, subject to Condition 9.5

Table E.4.2 Groundwater Monitoring Parameters and Frequencies

Parameter <sup>Note 1</sup>	Monitoring Frequency
Groundwater levels	Monthly
pH	Bi-annually
Conductivity	Bi-annually
Total Ammonia / Ammonia as NH <sub>4</sub> ,	Bi-annually
Total petroleum hydrocarbons	Annually
Coliforms (total, faecal)	Annually

**Note 1:** All analyses shall be carried out by a competent laboratory using standard and internationally acceptable techniques. The testing laboratory and the testing technique shall be agreed with the Agency in advance.

## SCHEDULE F :Emission Limits

**F.1 Dust Deposition Limits:** (Measured at the monitoring points indicated in [Table E.1.1](#)).

Level (mg/m <sup>2</sup> /day) <sup>Note 1</sup>
350

**Note 1:** 30 day composite sample with the results expressed as mg/m<sup>2</sup> /day.

**F.2 Noise Emissions:** (Measured at the monitoring points indicated in [Table E.2.1](#)).

Day dB(A) L <sub>Aeq</sub> (30 minutes)	Night dB(A) L <sub>Aeq</sub> (30 minutes)
55	45

# SCHEDULE G : Waste Acceptance

## G.1 Waste Acceptance

**Table G.1 Waste Categories and Quantities – Existing Facilities**

WASTE TYPE	MAXIMUM TONNES PER ANNUM
Recyclables <sup>Note 1</sup>	1,500
Commercial	5,000 <sup>Note 2</sup>
Construction & Demolition	3,500 <sup>Note 2</sup>
Industrial Non-Hazardous	3,500 <sup>Note 2</sup>
<b>TOTAL</b>	<b>13,500</b>

**Note 1:** This relates only to those recyclable wastes collected from bring banks etc. as referred to in Figure 3.1.2 – Process Flow Chart (Existing Situation) of the EIS submitted as part of the application.

**Note 2:** These totals may be altered, subject to Agency agreement, provided the combined total does not exceed 12,000 tonnes per annum.

**Table G.2 Waste Categories and Quantities – Following Installation of Proposed Facilities**

WASTE TYPE	MAXIMUM TONNES PER ANNUM
Municipal	11,000
Commercial	6,800 <sup>Note 1</sup>
Construction & Demolition	5,000 <sup>Notes 1 &amp; 2</sup>
Industrial Non-Hazardous	4,200 <sup>Note 1</sup>
<b>TOTAL</b>	<b>27,000</b>

**Note 1:** Subject to the provision of facilities under Condition 4.10.1. These totals may be altered, subject to Agency agreement, provided the combined total does not exceed 16,000 tonnes per annum.

**Note 2:** Subject to the provision of facilities under Condition 4.10.1, otherwise as per Table G.1.

**Sealed by the seal of the Agency on this the 24<sup>th</sup> day of January 2001.**

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

\_\_\_\_\_  
**Declan Burns      Director/Authorised Person**