

This licence was amended on 27th November 2015 under Section 76A(11) of the Waste Management Act 1996 as amended. The details of the Amendment must be read in conjunction with this licence. The amendment document is entitled **"IED Amendment"**

This licence was amended on 11th September 2024 under Section 96(1)(c) of the Environmental Protection Agency Act 1992, as amended. The amendment document is entitled "Technical Amendment A." The details of Amendment A must be read in conjunction with this licence.



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

WASTE LICENCE

Licence Register Number:	W0267-01
Licensee:	Hi-Volt Ireland Limited
Location of Facility:	Ballyduff (Townland Shanballyduff and Piercetown), Thurles, County Tipperary.

HEADQUARTERS
JOHNSTOWN CASTLE ESTATE
COUNTY WEXFORD, IRELAND
PHONE: +353-53-9160600
FAX: +353-53-9160699

WASTE MANAGEMENT ACTS, 1996 TO 2010

WASTE LICENCE

Decision of the Agency, under Section 40(1) of the Waste Management Acts, 1996 to 2010

Waste Licence Register No: **W0267-01**

Further to notice dated the 12th day of October 2010, the Agency in exercise of the powers conferred on it by the Waste Management Acts, 1996 to 2010, for the reasons hereinafter set out in the attached Decision, grants this waste licence to Hi-Volt Ireland Limited, Ballyduff, Thurles, County Tipperary, to carry on the waste activities set out below at Hi-Volt Ireland Limited, Ballyduff (townland Shanballyduff and Piercetown), Thurles, County Tipperary, subject to Conditions, as set out in the schedules attached thereto.

A copy of the Decision is attached.

Licensed Waste Activities

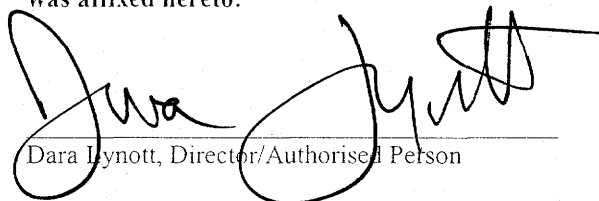
*Waste Recovery Activities, in accordance with the Fourth Schedule
of the Waste Management Acts, 1996 to 2010:*

The carrying on of the following activities:

- | | |
|-----------|---|
| Class 2. | Recycling or reclamation of organic substances, which are not used as solvents (including composting and other biological processes). |
| Class 3. | Recycling or reclamation of metals and metal compounds. |
| Class 4. | Recycling or reclamation of other inorganic materials. |
| 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. |

Sealed by the seal of the Agency on this the 10th day of January 2011

PRESENT when the seal of the Agency
was affixed hereto:


Dara Lynott, Director/Authorised Person



INTRODUCTION

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

This waste licence for Hi-Volt Ireland Limited is for a hazardous waste facility at Ballyduff, Thurles, County Tipperary, in the townlands of Shanballyduff and Piercetown. This facility will be authorised to accept waste batteries, waste oil, waste oil filters, waste tyres, contaminated soil and other garage waste for treatment (for some waste streams) and storage pending removal for recovery off-site. The facility will be permitted to accept up to 21,000 tonnes per annum of waste for recovery. This includes 12,000 tonnes of non-hazardous waste and 9,000 tonnes of hazardous waste.

The licence sets out in detail the conditions under which Hi-Volt Ireland Limited will operate and manage this facility.

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Glossary of Terms

All terms in this licence should be interpreted in accordance with the definitions in the Environmental Protection Agency Acts 1992 to 2007 / Waste Management Acts 1996 to 2010, unless otherwise defined in the section.

Adequate Lighting	20 lux measured at ground level.
AER	Annual Environmental Report.
Aerosol	A suspension of solid or liquid particles in a gaseous medium.
Agreement	Agreement in writing.
Annually	At approximately twelve-monthly intervals.
Application	The application by the licensee for this licence.
Appropriate Facility	A waste management facility, duly authorised under relevant law and technically suitable.
Attachment	Any reference to Attachments in this licence refers to attachments submitted as part of this licence application.
BAT	Best Available Techniques.
Biannually	All or part of a period of six consecutive months.
Biennially	Once every two years.
BOD	5 day Biochemical Oxygen Demand (without nitrification suppression).
BTEX	Benzene, Toulene, Ethyl benzene, Xylenes
CEN	Comité Européen De Normalisation – European Committee for Standardisation.
COD	Chemical Oxygen Demand.
Construction and demolition (C&D) waste	Wastes that arise from construction, renovation and demolition activities: Chapter 17 of the EWC or as otherwise may be agreed.
Containment boom	A boom that can contain spillages and prevent them from entering drains or watercourses or from further contaminating watercourses.
Daily	During all days of plant operation and, in the case of emissions, when emissions are taking place; with at least one measurement on any one day.

Day	Any 24-hour period.
Daytime	0800 hrs to 2200 hrs.
dB(A)	Decibels (A weighted).
DO	Dissolved oxygen.
Documentation	Any report, record, results, 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.
EMP	Environmental Management Programme.
Emission limits	Those limits, including concentration limits and deposition rates, established in <i>Schedule B: Emission Limits</i> of this licence.
Environmental damage	As defined in Directive 2004/35/EC.
EPA	Environmental Protection Agency.
European Waste Catalogue (EWC)	A harmonised, non-exhaustive list of wastes drawn up by the European Commission and published as Commission Decision 2000/532/EC and any subsequent amendment published in the Official Journal of the European Community.
Facility	Any site or premises used for the purpose of the recovery or disposal of waste.
Fortnightly	A minimum of 24 times per year, at approximately two week intervals.
GC/MS	Gas chromatography/mass spectroscopy.
Green Waste	Waste wood (excluding timber), plant matter such as grass cuttings, and other vegetation.
ha	Hectare.
Heavy metals	This term is to be interpreted as set out in "Parameters of Water Quality, Interpretation and Standards" published by the Agency in 2001. ISBN 1-84095-015-3.

HFO	Heavy Fuel Oil as defined in Council Directive 1999/32/EC and meeting the requirements of S.I. No. 119 of 2008.
Hours of operation	The hours during which the facility is authorised to be operational.
Hours of waste acceptance	The hours during which the facility is authorised to accept waste.
ICP	Inductively coupled plasma spectroscopy.
Incident	The following shall constitute as incident for the purposes of this licence: (i) an emergency; (ii) any emission which does not comply with the requirements of this licence; (iii) any exceedance of the daily duty capacity of the waste handling equipment; (iv) any trigger level specified in this licence which is attained or exceeded; and, (v) any indication that environmental pollution has, or may have, taken place.
Industrial waste	As defined in Section 5(1) of the Waste Management Acts 1996 to 2010.
IPPC	Integrated Pollution Prevention & Control.
K	Kelvin.
kPa	Kilopascals.
L_{eq}	Equivalent continuous sound level.
Licensee	Hi-Volt Ireland Limited, Ballyduff (Townland Shanballyduff and Piercetown), Thurles, County Tipperary.
Liquid waste	Any waste in liquid form and containing less than 2% dry matter.
List I	As listed in the EC Directives 2006/11/EC and 80/68/EEC and amendments.
List II	As listed in the EC Directives 2006/11/EC and 80/68/EEC and amendments.
Local Authority	North Tipperary County Council.
Maintain	Keep in a fit state, including such regular inspection, servicing, calibration and repair as may be necessary to perform its function adequately.

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Mass flow limit	An emission limit value expressed as the maximum mass of a substance that can be emitted per unit time.
Mass flow threshold	A mass flow rate above which a concentration limit applies.
Monthly	A minimum of 12 times per year, at intervals of approximately one month.
Night-time	2200 hrs to 0800 hrs.
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 International Standard I.S. EN 858-2:2003 (Separator system for light liquids, (e.g. oil and petrol) – Part 2: Selection of normal size, installation, operation and maintenance).
PCBs	Polychlorinated biphenyls, polychlorinated terphenyls, monomethyl-tetrachlorodiphenyl methane, monomethyl-dichloro-diphenyl methane, monomethyl-dibromo-diphenyl methane, any mixture of substances containing any one or more of the aforementioned substances in an aggregate amount which by weight exceeds 0.005% by weight of the mixture;
PRTR	Pollutant Release and Transfer Register.
Quarterly	All or part of a period of three consecutive months beginning on the first day of January, April, July or October.
Sample(s)	Unless the context of this licence indicates to the contrary, the term samples shall include measurements taken by electronic instruments.
Sanitary effluent	Wastewater from facility toilet, washroom and canteen facilities.
SOP	Standard operating procedure.
Source segregated waste	Waste which is separated at source; meaning that the waste is sorted at the point of generation into a recyclable fraction(s) for separate collection (e.g., paper, metal, glass, plastic, bulk dry recyclables, biodegradables, etc.) and a residual fraction. The expression 'separate at source' shall be construed accordingly.
Specified emissions	Those emissions listed in <i>Schedule B: Emission Limits</i> of this licence.
Standard method	A National, European or internationally recognised procedure (e.g. I.S. EN, ISO, CEN, BS or equivalent); or an in-house documented procedure based on the above references; a procedure as detailed in the current edition of "Standard Methods for the Examination of Water and Wastewater" (prepared and published jointly by A.P.H.A., A.W.W.A. & W.E.F.), American Public Health Association, 1015 Fifteenth Street, N.W., Washington DC 20005, USA; or an alternative method as may be agreed by the Agency.

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The Agency	Environmental Protection Agency.
TOC	Total organic carbon.
Trade effluent	Trade effluent has the meaning given in the Water Services Act, 2007.
Trigger level	A parameter value, the achievement or exceedance of which requires certain actions to be taken by the licensee.
Weekly	During all weeks of plant operation and, in the case of emissions, when emissions are taking place; with at least one measurement in any one week.
WWTP	Waste water treatment plant.

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Decision & Reasons for the Decision

The Environmental Protection 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 will not contravene any of the requirements of Section 40(4) of the Waste Management Acts 1996 to 2010.

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

No objection having been received to the Proposed Decision, the licence is granted in accordance with the terms of the Proposed Decision and the reasons therefor.

Part I Schedule of Activities Licensed

In pursuance of the powers conferred on it by the Waste Management Acts 1996 to 2010, the Environmental Protection Agency (the Agency), under Section 40(1) of the said Acts hereby grants this Waste Licence to Hi-Volt Ireland Limited, Ballyduff, Thurles, County Tipperary, to carry on the waste activities listed below at Ballyduff (Townland Shanballyduff and Piercetown), Thurles, County Tipperary, subject to conditions, with the reasons therefor and the associated schedules attached thereto set out in the licence.

Licensed Waste Recovery Activities, in accordance with the Fourth Schedule of the Waste Management Acts 1996 to 2010

Class 2.	Recycling or reclamation of organic substances, which are not used as solvents (including composting and other biological processes).
Class 3.	Recycling or reclamation of metals and metal compounds.
Class 4.	Recycling or reclamation of other inorganic materials.
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.

Part II Schedule of Activities Refused

On the basis of the information before it, the Environmental Protection Agency (the Agency), pursuant to its powers under Section 40(1) of the Waste Management Acts 1996 to 2010, hereby refuses the following classes of activity.

None of the proposed activities as set out in the licence application have been refused.

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Part III Conditions

Condition 1. Scope

- 1.1 Waste activities at this facility shall be restricted to those listed and described in *Part I Schedule of Activities Licensed*, and shall be as set out in the licence application or as modified under Condition 1.4 of this licence and subject to the conditions of this licence.
- 1.2 Activities at this facility shall be limited as set out in *Schedule A: Limitations* of this licence.
- 1.3 For the purposes of this licence, the facility authorised by this licence is the area of land outlined in red on Drawing No. WLA-01 of the application. Any reference in this licence to "facility" shall mean the area thus outlined in red. The licensed activities shall be carried on only within the area outlined.
- 1.4 No alteration to, or reconstruction in respect of, the activity, or any part thereof, that would, or is likely to, result in
 - (i) a material change or increase in:
 - the nature or quantity of any emission;
 - the abatement/treatment or recovery systems;
 - the range of processes to be carried out;
 - the fuels, raw materials, intermediates, products or wastes generated, or
 - (ii) any changes in:
 - site management, infrastructure or control with adverse environmental significance;shall be carried out or commenced without prior notice to, and without the agreement of, the Agency.
- 1.5 The facility shall be controlled, operated and maintained, and emissions shall take place as set out in the licence. All programmes required to be carried out under the terms of this licence become part of this licence.
- 1.6 This licence is for purposes of waste licensing under the Waste Management Acts 1996 to 2010 only and nothing in this licence shall be construed as negating the licensee's statutory obligations, or requirements under any other enactments or regulations.
- 1.7 Having regard to the nature of the activity and arrangements necessary to be made or made in connection with the carrying on of the activity, the specified period for the purposes of Section 49(1) of the Waste Management Acts 1996 to 2010, is 5 years.
- 1.8 Waste Acceptance Hours
 - 1.8.1 With the exception of emergencies or as may be agreed by the Agency, waste shall be accepted at or dispatched from the facility only between the hours of 08.00 to 17.30 Monday to Friday inclusive (excluding public holidays) and 08.00 to 13.30 on Saturdays.
 - 1.8.2 The facility shall be operated only during the hours of 08.00 to 18.00 Monday to Friday inclusive and 08.00 to 14.00 on Saturdays, unless with the prior agreement of the Agency. Operations at the facility may commence at 07.00 Monday to Friday inclusive, subject to the licensee demonstrating, to the satisfaction of the Agency, that such operations will not, during night-time hours, cause an exceedance of the night-time noise emission limit value specified in the licence.
 - 1.8.3 The facility shall not operate or accept/dispatch waste on Sundays or on Public Holidays without the agreement of the Agency.

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 or as otherwise required by the Agency.

2.1.2 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. In addition, the facility manager and his/her deputy and any replacement manager or deputy shall successfully complete a FAS waste management training programme or equivalent agreed by the Agency and associated on site assessment appraisal within 12 months of appointment.

2.2 Environmental Management System (EMS)

2.2.1 The licensee shall establish and maintain an Environmental Management System (EMS) within six months of the date of grant of this licence. The EMS shall be updated on an annual basis.

2.2.2 The EMS shall include, as a minimum, the following elements:

2.2.2.1 Management and Reporting Structure.

The licensee shall maintain onsite written details of the management structure of the facility. Any proposed replacement in the management structure from that submitted in the application 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.

2.2.2.2 Schedule of Environmental Objectives and Targets.

The licensee shall prepare and maintain a Schedule of Environmental Objectives and Targets. The schedule shall, as a minimum, provide for a review of all operations and processes, including an evaluation of practicable options, for energy and resource efficiency, the use of cleaner technology, cleaner production, and the prevention, reduction and minimisation of waste and shall include waste reduction targets. The schedule shall include time frames for the achievement of set targets and shall address a five-year period as a minimum. The schedule shall be reviewed annually and amendments thereto notified to the Agency for agreement as part of the Annual Environmental Report (AER).

2.2.2.3 Environmental Management Programme (EMP)

The licensee shall, not later than six months from the date of grant of this licence, submit to the Agency for agreement an EMP, including a time schedule, for achieving the Environmental Objectives and Targets prepared under Condition 2.2.2.2. Once agreed the EMP shall be established and maintained by the licensee. It shall include:

- designation of responsibility for targets;
- the means by which they may be achieved;
- the time within which they may be achieved.

The EMP shall be reviewed annually and amendments thereto notified to the Agency for agreement as part of the Annual Environmental Report (AER).

A report on the programme, including the success in meeting agreed targets, shall be prepared and submitted to the Agency as part of the AER. Such reports shall be retained on-site for a period of not less than seven years and shall be available for inspection by authorised persons of the Agency.

As part of the EMP, the licensee shall prepare and implement a programme, to the satisfaction of the Agency, for the identification and reduction of fugitive emissions from the waste oil storage tanks and other waste storage and processing areas using an appropriate combination of best available techniques.

2.2.2.4 Documentation

- (i) The licensee shall establish and maintain an environmental management documentation system, which shall be to the satisfaction of the Agency.
- (ii) The licensee shall issue a copy of this licence to all relevant personnel whose duties relate to any condition of this licence.

2.2.2.5 Corrective Action

The licensee shall establish procedures to ensure that corrective action is taken should the specified requirements of this licence not be fulfilled. The responsibility and authority for persons initiating further investigation and corrective action in the event of a reported non-conformity with this licence shall be defined.

2.2.2.6 Awareness and Training

The licensee shall establish and maintain procedures for identifying training needs, and for providing appropriate training, for all personnel whose work can have a significant effect upon the environment. Appropriate records of training shall be maintained.

2.2.2.7 Communications Programme

The licensee shall establish and maintain a Public Awareness and Communications Programme to ensure that members of the public are informed, and can obtain information at the facility, at all reasonable times, concerning the environmental performance of the facility.

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2.2.2.8 Maintenance Programme

The licensee shall establish and maintain a programme for maintenance of all plant and equipment based on the instructions issued by the manufacturer/supplier or installer of the equipment. Appropriate record keeping and diagnostic testing shall support this maintenance programme. The licensee shall clearly allocate responsibility for the planning, management and execution of all aspects of this programme to appropriate personnel (see Condition 2.1 above).

2.2.2.9 Efficient Process Control

The licensee shall establish and maintain a programme to ensure there is adequate control of processes under all modes of operation. The programme shall identify the key indicator parameters for process control performance, as well as identifying methods for measuring and controlling these parameters. Abnormal process operating conditions shall be documented, and analysed to identify any necessary corrective action.

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. Infrastructure and Operation

- 3.1 The licensee shall establish and maintain, for each component of the facility, all infrastructure referred to in this licence in advance of the commencement of the licensed activities in that component, or as required by the conditions of this licence. Infrastructure specified in the application that relates to the environmental performance of the installation and is not specified in the licence, shall be installed in accordance with the schedule submitted in the application.
- 3.2 Facility Notice Board
- 3.2.1 The licensee shall, within one month of the date of grant of this licence, provide 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. The notice board shall be maintained thereafter.
- 3.2.2 The board shall clearly show:
- (i) the name and telephone number of the facility;
 - (ii) the normal hours of operation;
 - (iii) the name of the licence holder;
 - (iv) an emergency out of hours contact telephone number;
 - (v) the licence reference number; and
 - (vi) where environmental information relating to the facility can be obtained.
- 3.2.3 A plan of the facility clearly identifying the location of each storage and treatment area shall be displayed as close as is possible to the entrance to the facility. The plan shall be displayed on a durable material such that is legible at all times. The plan shall be replaced as material changes to the facility are made.
- 3.3 The licensee shall install on all emission points such sampling points or equipment, including any data logging or other electronic communication equipment, as may be required by the Agency. All such equipment shall be consistent with the safe operation of all sampling and monitoring systems.

3.4 Specified Engineering Works

3.4.1 The licensee shall submit proposals for all specified Engineering works, as defined in *Schedule D: Specified Engineering Works*, of this licence, to the Agency for its agreement at least two months in advance of the intended date of commencement of any such works. No such works shall be carried out without the prior agreement of the Agency. 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.

3.4.2 Following 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, as appropriate, include the following information:

- (i) A description of the works;
- (ii) As-built drawings of the works; and
- (iii) Any other information requested in writing by the Agency.

3.5 In the development of designated areas for the storage of waste, the licensee shall have regard to the *BAT Guidance note on the Waste Sector: Transfer Activities, April 2003*, and the *BREF Document on Waste Treatment Industries, August 2006*. In the design and operation of storage tanks the licensee shall have regard to the *EPA Guidance Note on Storage and Transfer of Materials for Scheduled Activities (2004)*.

3.6 In the case of composite sampling of aqueous emissions from the operation of the facility, a separate composite sample or homogeneous sub-sample (of sufficient volume as advised) shall be refrigerated immediately after collection and retained as required for EPA use.

3.7 Batteries

3.7.1 All batteries shall be stored in leak proof and corrosion proof containers pending recovery.

3.7.2 No processing of batteries shall take place at the facility.

3.8 The licensee shall clearly label and provide safe and permanent access to all on-site sampling and monitoring points and to off-site points as required by the Agency. The requirement with regard to off-site points is subject to the prior agreement of the landowner(s) concerned.

3.9 Storage Areas for Hazardous Waste, Tanks, Containers and Drums

3.9.1 All hazardous waste storage areas and all tank, container and drum storage areas shall be rendered impervious to the materials stored therein. Bunds shall be designed having regard to Agency guidelines 'Storage and Transfer of Materials for Scheduled Activities' (2004).

3.9.2 All hazardous waste storage areas and all tank, container 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:

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

3.9.3 All drainage from bunded areas shall be treated as hazardous waste unless it can be demonstrated to be otherwise. All drainage from bunded areas shall be diverted for collection and safe disposal.

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

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- 3.9.5 All tanks, containers, drums shall be labelled prior to storage to clearly indicate their contents.
- 3.9.6 The bunded storage areas for contaminated soil, waste oil and the quarantine area shall be covered with a canopy to prevent ingress of rainwater.
- 3.9.7 All bunds and hardstanding areas shall be visually checked weekly for structural soundness and cracking /damage.
- 3.9.8 The licensee shall undertake such appropriate measures as are necessary for the protection of tanks from damage by vehicles or trailers.
- 3.9.9 Waste oils shall be stored at the tank and drum storage locations specified in Map WLA-05 *Proposed oil tank and drum storage area* of the application only.
- 3.9.10 All underground storage tanks shall be double skinned steel with leak detection and overspill protection. All underground storage tanks shall be designed having regard to Agency guidelines on *'Storage and Transfer of Materials for Scheduled Activities' (2004)*.
- 3.10 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.
- 3.11 Silt Traps and Oil Separators
- The licensee shall, within six months of the date of grant of this licence, install a stormwater attenuation tank, silt trap and an oil separator at the facility:
- (i) Silt traps to ensure that all storm water discharges, other than from roofs, from the facility pass through a silt trap in advance of discharge;
- (ii) An oil separator on the storm water discharge from yard areas. The separator shall be a Class 1 full retention separator.
- The silt traps and separator shall be in accordance with I.S. EN-858-2: 2003 (separator systems for light liquids).
- 3.12 Fire-water Retention
- 3.12.1 The licensee shall carry out a risk assessment to determine if the activity should have a fire-water retention facility. The licensee shall submit the assessment and a report to the Agency on the findings and recommendations of the assessment within six months of the date of grant of this licence.
- 3.12.2 In the event that a significant risk exists 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 three months of date of notification by the Agency.
- 3.12.3 The licensee shall have regard to the Environmental Protection Agency Draft Guidance Note to Industry on the Requirements for Fire-Water Retention Facilities when implementing Conditions 3.12.1 and 3.12.2 above.
- 3.12.4 No waste tyres shall be accepted at the facility until such time as the requirements of Conditions 3.12.1 and 3.12.2 above have been implemented and have satisfactorily determined, as a minimum, maximum tyre storage volume, maximum stockpile size, minimum stockpile separation distances, stacking patterns and separation distance/structures between the waste tyres, quarantine and bulk waste oil storage areas.

- 3.13 All pumps sumps, storage tanks, or other treatment plant chambers from which spillage of environmentally significant materials might occur in such quantities as are likely to breach local or remote containment or separators, shall be fitted with high liquid level alarms (or oil detectors as appropriate) within six months from the date of grant of this licence.
- 3.14 The provision of a catchment system to collect any leaks from flanges and valves of all over-ground pipes used to transport material other than water shall be examined. This shall be incorporated into a Schedule of Environmental Objectives and Targets set out in Condition 2 of this licence for the reduction in fugitive emissions.
- 3.15 All wellheads, as shown on Map WLA-06 of the licence application, shall be adequately protected to prevent contamination or physical damage.
- 3.16 The licensee shall, within three months of the date of grant of this licence, install in a prominent location on the site a wind sock, or other wind direction indicator, which shall be visible from the public roadway outside the site.
- 3.17 The licensee shall provide and maintain a Wastewater Treatment plant at the facility for the treatment of sanitary effluent arising on-site. Any waste water treatment system and percolation area shall satisfy the criteria set out in the *Code of Practice Wastewater Treatment and Disposal Systems Serving Single Houses (p.e ≤ 10)*, published by the Environmental Protection Agency.
- 3.18 Facility roads/Hardstanding and traffic layout.
- 3.18.1 Effective site roads shall be provided and maintained to ensure the safe movement of vehicles within the facility.
- 3.18.2 The licensee shall provide and maintain an impermeable hardstanding surface in the areas of the facility shown on Drawing WLA-04 entitled *Facility Layout Plan (existing and proposed infrastructure)* submitted as part of the application. The areas shall be concreted and constructed to British Standard 8110 or an alternative to be agreed by the Agency. The licensee shall remedy any defect in concrete surfaces within five working days.
- 3.18.3 Traffic layout at the facility shall be such that emergency services vehicles shall have access to all parts of the facility at all times.
- 3.19 Waste Inspection and Quarantine Areas
- 3.19.1 In advance of commencement of acceptance of hazardous waste (other than waste batteries), a Waste Inspection Area and a Waste Quarantine Area shall be provided and maintained at the facility.
- 3.19.2 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.
- 3.19.3 The waste quarantine area shall be bunded and surfaced to deal with spillages. All drainage from this area shall be collected for safe disposal.
- 3.20 Weighbridge
- 3.20.1 The licensee shall provide and maintain a weighbridge at the facility.
- 3.20.2 The weighbridge shall be self contained, bunded and drainage shall be collected for safe disposal.
- 3.20.3 The licensee shall maintain the industrial weigh scales at the facility.

- 3.21 Monitoring infrastructure
- 3.21.1 Monitoring infrastructure, which is damaged or proves to be unsuitable for its purpose shall be replaced within three months of it being damaged or recognised as being unsuitable.
- 3.22 Contaminated soils
- 3.22.1 No processing of contaminated soils shall take place at the facility.
- 3.22.2 Unless otherwise agreed by the Agency the licensee shall store a maximum of 100 tonnes of contaminated soil at the facility at any one time.
- 3.22.3 All contaminated soils shall be stored in a designated, bunded area. Any drainage from this area shall be diverted for collection and safe disposal.
- 3.22.4 Contaminated soil arriving at the facility for storage shall be suitably covered in an enclosed container or skip.
- 3.23 Waste Tyres
- 3.23.1 Unless otherwise agreed by the Agency the licensee shall store a maximum of 100 tonnes of tyres at the facility at any one time.
- 3.23.2 The storage of tyres shall only be carried out within Area E shown on drawing WLA-04 entitled *facility layout plan (existing and proposed infrastructure)* submitted as part of the application.
- 3.24 Facility Security
- 3.24.1 Security and stock proof fencing and gates shall be installed and maintained. The base of the fencing shall be set in the ground.
- 3.24.2 Gates shall be locked shut when the facility is unsupervised.
- 3.24.3 The licensee shall remedy any defect in the gates and/or fencing as follows:
- i. A temporary repair shall be made by the end of the working day; and
 - ii. A repair to the standard of the original gates and/or fencing shall be undertaken within three working days.
- 3.25 Waste handling, ventilation and processing plant
- 3.25.1 Items of plant deemed critical to the efficient and adequate processing of waste at the facility (including *inter alia* waste oil transfer, battery handling and waste oil storage equipment) shall be provided on the following basis:
- (i) 100% duty capacity
 - (ii) 20% standby capacity available on a routine basis; and
 - (iii) Provision of contingency arrangements and/or backup and spares in the case of breakdown of critical equipment
- 3.25.2 In advance of the commencement of scheduled activity, the licensee shall provide a report to 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 A2: Waste Acceptance*, of this licence.
- 3.25.3 The quantity of the 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.

3.26 Operational Controls

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

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

Condition 4. Interpretation

4.1 Noise

Noise from the facility shall not give rise to sound pressure levels (Leq, T) measured at the NSLs in the vicinity of the facility, which exceed the limit value(s).

Reason: *To clarify the interpretation of limit values fixed under the licence.*

Condition 5. Emissions

5.1 No specified emission from the facility shall exceed the emission limit values set out in *Schedule B: Emission Limits* of this licence. There shall be no other emissions of environmental significance.

5.2 No emissions, including odours, from the activities carried on at the site shall result in an impairment of, or an interference with amenities or the environment beyond the facility boundary or any other legitimate uses of the environment beyond the facility boundary.

5.3 No substance shall be discharged in a manner, or at a concentration, that, following initial dilution, causes tainting of fish or shellfish.

5.4 There shall be no direct emissions to groundwater.

5.5 There shall be no emissions to sewer.

5.6 The licensee shall ensure that all or any of the following:

- Vermin
- Dust
- Litter

associated with the activity do not result in an impairment of, or an interference with, amenities or the environment at the facility or beyond the facility boundary or any other legitimate uses of the environment beyond the facility boundary. Any method used by the licensee to control or prevent any such impairment/interference shall not cause environmental pollution.

Reason: *To provide for the protection of the environment by way of control and limitation of emissions.*

Condition 6. Control and Monitoring

- 6.1 The licensee shall carry out such sampling, analyses, measurements, examinations, maintenance and calibrations as set out below and as in accordance with *Schedule C: Control & Monitoring* of this licence. Unless otherwise specified, all environmental monitoring shall commence from the date of commencement of the Scheduled Activity.
- 6.1.1 Analyses shall be undertaken by competent staff in accordance with documented operating procedures.
- 6.1.2 Such procedures shall be assessed for their suitability for the test matrix and performance characteristics shall be determined.
- 6.1.3 Such procedures shall be subject to a programme of Analytical Quality Control using control standards with evaluation of test responses.
- 6.1.4 Where any analysis is sub-contracted it shall be to a competent laboratory.
- 6.2 The licensee shall ensure that:
- (i) sampling and analysis for all parameters listed in the Schedules to this licence; and
 - (ii) any reference measurements for the calibration of automated measurement systems;
- shall be carried out in accordance with CEN-standards. If CEN standards are not available, ISO, national or international standards that will ensure the provision of data of an equivalent scientific quality shall apply.
- 6.3 All automatic monitors and samplers shall be functioning at all times (except during maintenance and calibration) when the activity is being carried on unless alternative sampling or monitoring has been agreed in writing by the Agency for a limited period. In the event of the malfunction of any continuous monitor, the licensee shall contact the Agency as soon as practicable and alternative sampling and monitoring facilities shall be put in place. The use of alternative equipment, other than in emergency situations, shall be as agreed by the Agency.
- 6.4 Monitoring and analysis equipment shall be operated and maintained as necessary so that monitoring accurately reflects the emission/discharge (or ambient conditions where that is the monitoring objective).
- 6.5 Dust and Odour Control
- 6.5.1 In dry weather, site roads and any other areas used by vehicles shall be sprayed with water as and when required to minimise dust nuisance.
- 6.5.2 The licensee shall provide adequate measures for the control of odours and dust emissions, including fugitive dust emissions, from the facility. Such measures shall as a minimum include the following;
- (i) Dust curtains, or equivalent, shall be maintained on the entry/ exit points from the facility buildings
 - (ii) Odour management system
 - (iii) Provision of 100% duty capacity and 50% standby capacity, back-ups and spares for the air handling, ventilation and abatement plant (check template)
- 6.6 The licensee shall ensure that groundwater monitoring well sampling equipment is available/installed on-site and is fit for purpose at all times. The sampling equipment shall be to Agency specifications.

- 6.7 All treatment/abatement and emission control equipment shall be calibrated and maintained in accordance with the instructions issued by the manufacturer/supplier or installer. The licensee shall maintain records of the calibrations and maintenance.
- 6.8 The frequency, methods and scope of monitoring, sampling and analyses, as set out in this licence, may be amended with the agreement of the Agency following evaluation of test results.
- 6.9 The integrity and water tightness of all underground pipes, tanks, bunding structures and containers and their resistance to penetration by water or other materials carried or stored therein shall be tested and demonstrated by the licensee within six months of the date of grant of this licence. This testing shall be carried out by the licensee at least once every three years thereafter and reported to the Agency on each occasion. This testing shall be carried out in accordance with any guidance published by the Agency. The licensee shall maintain a written record of all integrity tests and any maintenance or remedial work arising from them.
- 6.10 The drainage system (i.e., gullies, manholes, any visible drainage conduits and such other aspects as may be agreed) and bunds, storm water attenuation tank, silt traps and oil interceptor shall be inspected and desludged as necessary. All sludge and drainage from these operations shall be collected for safe disposal. The drainage system, bunds, storm water attenuation tanks, silt traps and oil interceptors shall be properly maintained at all times.
- 6.11 An inspection for leaks on all flanges and valves on over-ground pipes used to transport materials other than water shall be carried out weekly. A log of such inspections shall be maintained.
- 6.12 There shall be no direct wastewater discharge to sewer from the facility without the prior agreement of the Agency and the Water Services Authority. Wastewater and run-off from hazardous waste storage and processing areas shall be treated as hazardous waste unless it can be demonstrated to be otherwise. Such wastewater shall be disposed of in a safe and appropriate manner.
- 6.13 Waste oil, wastes of liquid fuel and/or waste containing oil which fails to meet a product specification or standard as agreed by the Agency shall be sent off-site for recovery or disposal at an appropriate facility.
- 6.14 Storm Water
- A visual examination of the storm water discharges shall be carried out daily. A log of such inspections shall be maintained.
- 6.14.1 All storm water will be directed into a silt trap and Class 1 interceptor via a storm water attenuation tank.
- 6.14.2 Storm water emissions shall be tested as set out in *Schedule C.2.3. Monitoring of Storm Water Emissions*, of this licence.
- 6.14.3 The licensee shall set warning and trigger levels for the relevant test criteria, for the agreement of the Agency, within four months of the date of grant of this licence.
- 6.14.4 On exceedance of a warning level, the licensee shall investigate the cause of the exceedance, and implement appropriate corrective action to prevent recurrence. On exceedance of a trigger level, the licensee shall not discharge the contaminated storm water to the soakaway.
- 6.14.5 Storm water that is unsuitable for discharge to the soakaway shall be stored in on-site storage tanks prior to being tankered off-site in fully enclosed road tankers for disposal at an authorised facility.

- 6.15 The licensee shall engage a suitably qualified person(s) to carry out an annual assessment of results of groundwater monitoring at the facility. The licensee shall submit a report to the Agency, as part of the AER, on the findings of the groundwater assessment. Any recommendations arising from the report or reports on the groundwater investigations shall be implemented within such a period and in a manner to be agreed by the Agency.
- 6.16 Noise
- The licensee shall carry out a noise survey of the site operations annually. The survey programme shall be undertaken in accordance with the methodology specified in the 'Environmental Noise Survey Guidance Document' as published by the Agency.
- 6.17 Pollutant Release and Transfer Register (PRTR)
- The licensee shall prepare and report a PRTR for the site. The substance and/or wastes to be included in the PRTR shall be as agreed by the Agency each year by reference to EC Regulations No. 166/2006 concerning the establishment of the European Pollutant Release and Transfer Register and amending Council Directives 91/689/EEC and 96/61/EC. The PRTR shall be prepared in accordance with any relevant guidelines issued by the Agency and shall be submitted electronically in specified format and as part of the AER.
- 6.18 The licensee shall, within six months of the date of grant of this licence, develop and establish a Data Management System for collation, archiving, assessing and graphically presenting the monitoring data generated as a result of this licence.
- 6.19 Operational Controls
- 6.19.1 No waste shall have a retention time at the facility in excess of six months, unless otherwise agreed by the Agency.
- 6.19.2 Scavenging shall not be permitted at the facility.
- 6.19.3 All tanks and drums clearly labelled to indicate their contents.
- 6.19.4 The licensee shall take precautions to prevent accidental ignition or reaction of ignitable or reactive wastes. The wastes shall be separated and protected from sources of ignition or reaction including but not limited to: open flames, smoking, cutting and welding, hot surfaces, sparks spontaneous ignition (e.g. heat-producing chemical reactions) and radiant heat.
- 6.20 Litter Control
- 6.20.1 All waste placed on or in the vicinity of the facility, other than in accordance with the requirements of this licence, and where connected with the activities on-site, shall be collected and appropriately recovered or disposed of, subject to the agreement of the landowners, immediately and in any event by 10.00am of the next working day after such waste is discovered.
- 6.20.2 The licensee shall ensure that all vehicles delivering waste to and removing waste and materials from the facility are appropriately covered.
- 6.20.3 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 material shall be removed without delay.

Reason: *To provide for the protection of the environment by way of treatment and monitoring of emissions.*

Condition 7. Resource Use and Energy Efficiency

- 7.1 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 audit shall be carried out in accordance with the guidance published by the Agency, "Guidance Note on Energy Efficiency Auditing". The energy efficiency audit shall be repeated at intervals as required by the Agency.
- 7.2 The audit shall identify all practicable opportunities for energy use reduction and efficiency and the recommendations of the audit will be incorporated into the Schedule of Environmental Objectives and Targets under Condition 2 above.
- 7.3 The licensee shall identify opportunities for reduction in the quantity of water used on site including recycling and reuse initiatives, wherever possible. Reductions in water usage shall be incorporated into Schedule of Environmental Objectives and Targets.
- 7.4 The licensee shall undertake an assessment of the efficiency of use of raw materials in all processes, having particular regard to the reduction in waste generated. The assessment should take account of best international practice for this type of activity. Where improvements are identified, these shall be incorporated into the Schedule of Environmental Objectives and Targets.

Reason: *To provide for the efficient use of resources and energy in all site operations.*

Condition 8. Materials Handling

- 8.1 Disposal or recovery of waste on-site shall only take place in accordance with the conditions of this licence and in accordance with the appropriate National and European legislation and protocols.
- 8.2 No waste shall be accepted for disposal or storage pending disposal at another facility.
- 8.3 In advance of commencement of waste acceptance, with the exception of waste batteries, the licensee shall submit the following for Agency approval:
- written procedures for accepting, handling and storing hazardous waste, and its sampling, labelling, compatibility testing (where it is to be mixed), analysis, weighing, documentation, transfer, storage, segregation and record keeping ,
 - evidence of the competence and training of staff in the implementation of these procedures and
 - confirmation that the necessary infrastructure is in place.
- Such procedures, evidence and confirmation can be provided on a phased basis for individual waste streams or processes, as appropriate.
- 8.4 All waste processing, except the transfer of waste oil to and from bulk storage tanks, shall be carried out indoors, in a designated building appropriate for the waste stream.
- 8.5 Waste sent off-site for recovery or disposal shall be transported only by an authorised waste contractor. The waste shall be transported from the site of the activity to the site of recovery/disposal only in a manner that will not adversely affect the environment and in accordance with the appropriate National and European legislation and protocols.
- 8.6 The licensee shall ensure that, in advance of transfer to another person, waste shall be classified, packaged and labelled in accordance with National, European and any other standards which are in force in relation to such labelling.

- 8.7 The loading and unloading of materials shall be carried out in designated areas protected against spillage and leachate run-off.
- 8.8 Waste shall be stored in designated areas, protected as may be appropriate against spillage and leachate run-off. The waste shall be clearly labelled and appropriately segregated.
- 8.9 No waste classified as green list waste in accordance with the EU Shipment of Waste Regulation (Council Regulation EEC No. 1013/2006, as may be amended) shall be consigned for export for recovery without the agreement of the Agency.
- 8.10 Waste for disposal/recovery off-site shall be analysed in accordance with *Schedule C: Control & Monitoring* of this licence.
- 8.11 The licensee shall neither import waste into the State nor export waste out of the State except in accordance with the relevant provisions of Regulation (EC) No 1013/2006 of the European Parliament and of the Council of 14th June 2006 on shipments of waste and associated national regulations.
- 8.12 Waste oil storage and transfer operations shall be carried out in a designated area and in designated tanks and process vessels segregated from all other hazardous waste.
- 8.13 Waste Acceptance and Characterisation Procedures
- 8.13.1 Waste shall only be accepted at the facility from Local Authority waste collection or transport vehicles or holders of waste permits, unless exempted or excluded, issued under the Waste Management (Collection Permit) Regulations 2007, as amended. Copies of these waste collection permits shall be maintained at the facility.
- 8.13.2 Waste arriving at the facility shall be inspected and, as appropriate, sampled and analysed at the point of entry to the facility and, subject to this inspection, shall be weighed, documented and directed to the appropriate area. Only after such inspection/analysis shall the waste be accepted for recovery or disposal.
- 8.13.3 Hazardous wastes that are accepted at the facility as per *Schedule A: Limitations* of this licence shall be stored only at appropriately bunded locations at the facility.
- 8.13.4 No waste shall be stored at the facility in other than designated storage areas shown in Map WLA-04 entitled *facility layout plan (existing and proposed infrastructure)*, or as otherwise agreed by the Agency. The designated storage areas shall be marked on the floor or otherwise delineated within three months of the date of grant of licence.
- 8.13.5 Hazardous waste shall not be accepted at the facility unless;
- (i) The licensee has been notified in advance of the types of waste (including 6-digit EWC Codes and waste descriptions) and the date of delivery;
 - (ii) The waste has been appropriately categorised using the relevant 6-digit EWC Code;
 - (iii) An effective procedure for accepting and handling the waste is in place and satisfactory staff training in the implementation of that procedure has been undertaken;
 - (iv) The waste has been classified in accordance with the UN publication "Recommendations on the Transport of Hazardous Goods: Model Regulations", as amended, and fully characterised. Where necessary, and particularly in the case of new customers or waste types, its characteristics and hazardous properties shall be confirmed by sampling and analysis in advance of arrival at the facility;
 - (v) A suitable designated storage/waste acceptance area is immediately available at the facility; and

- (vi) A designated waste quarantine area is immediately available at the facility for any waste which does not conform with the pre-notification and which cannot be otherwise accepted at the facility.
- 8.13.6 All waste deemed unsuitable for processing at the facility and/or in contravention of this licence shall be immediately separated and removed from the facility at the earliest possible time. Temporary storage of such wastes shall be in a designated waste quarantine area. Waste shall be stored under appropriate conditions in the quarantine area to avoid putrefaction, odour generation, the attraction of vermin and any other nuisance or objectionable condition.
- 8.13.7 A record of all inspections of incoming waste loads shall be maintained.
- 8.13.8 Waste shall be accepted at the facility only from known customers or new customers subject to initial waste profiling and waste characterisation off-site. The written records of this off-site waste profiling and characterisation shall be retained by the licensee for all active customers and for a two year period following termination of licensee/customer agreements.
- 8.14 Labelling of containers, drums and tanks
 - 8.14.1 No container (including drums and tanks) whose contents are unknown and whose contents are not clearly displayed on the label shall be accepted at the facility.
 - 8.14.2 All containers, including waste and fuel storage tanks and drums, shall be labelled to clearly indicate their contents. During storage, each container shall be accessible and shall be so placed to allow for the reading of the label.
 - 8.14.3 All hazardous waste containers shall be uniquely marked with an identification code using indelible or other permanent or electronic markings. All containers shall be marked or labelled to clearly indicate their contents. All previous markings and labels shall be defaced or crossed out.
- 8.15 Waste Transfer and Repackaging
 - 8.15.1 All containers accepted at the facility shall be whole and sound. Any leaking or otherwise ruptured drums or containers shall immediately be overdrummed or the contents transferred to a sound container in a manner that will not adversely affect the environment. This operation shall only be carried out in bunded areas such that any spillage arising from the activity may be contained and collected.
- 8.16 Blending/Mixing/Bulking of Hazardous Wastes
 - 8.16.1 Unless approved in writing, in advance, by the Agency, the licensee is prohibited from mixing a hazardous waste of one category with a hazardous waste of another category or with any other non-hazardous waste.
 - 8.16.2 Waste oils accepted at the facility with a PCB content higher than 0.005 % (50ppm) by weight shall be classified as PCBs, placed in a dedicated PCB storage area and not mixed with any other waste.
 - 8.16.3 The procedures to be in place under Condition 8.3 shall consider any compatibility testing that may be required for blending, mixing or bulking of hazardous wastes including waste oils, including, as far as is possible, the identification of any potentially abnormal or unusual situations.
 - 8.16.4 Records shall be maintained of all compatibility tests carried out.
 - 8.16.5 All containers used for the mixing and blending of waste shall be appropriately cleaned following their use.

8.17 Waste Retention Times

- 8.17.1 No waste in drums, tanks or containers shall have a retention time in the waste transfer station in excess of six months.

Reason: *To provide for the appropriate handling of material and the protection of the environment.*

Condition 9. Accident Prevention and Emergency Response

- 9.1 The licensee shall, within six months of date of grant of this licence, ensure that a documented Accident Prevention Procedure is in place that addresses the hazards on-site, particularly in relation to the prevention of accidents with a possible impact on the environment. This procedure shall be reviewed annually and updated as necessary.

- 9.2 The licensee shall, within six months of date of grant of this licence, ensure that a documented Emergency Response Procedure is in place that addresses any emergency situation, which may originate on-site. This procedure shall include provision for minimising the effects of any emergency on the environment. This procedure shall be reviewed annually and updated as necessary.

9.3 Incidents

- 9.3.1 In the event of an incident the licensee shall immediately:

- (i) carry out an investigation to identify the nature, source and cause of the incident and any emission arising therefrom;
- (ii) isolate the source of any such emission;
- (iii) evaluate the environmental pollution, if any, caused by the incident;
- (iv) identify and execute measures to minimise the emissions/malfunction and the effects thereof;
- (v) identify the date, time and place of the incident;
- (vi) notify the Agency and other relevant authorities.

- 9.3.2 The licensee shall provide a proposal to the Agency for its agreement within one month of the incident occurring or as otherwise agreed by the Agency, 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 actions.

9.4 Emergencies

- 9.4.1 In the event of a breakdown of equipment or any other occurrence, which results in the closure of the hazardous waste transfer facility, any waste arriving at or already collected at the facility shall be transferred directly to appropriate landfill sites or any other appropriate facility until such time as the transfer station facility 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 Significant spillages occurring at the facility shall be treated as an emergency situation and immediately cleaned up and dealt with so as to alleviate their effects.

- 9.4.3 The licensee shall establish and maintain a spillage control procedure.

- 9.4.4 No waste shall be burnt within the boundaries of the facility. A fire at the facility shall be treated as an emergency and immediate action shall be taken to extinguish it and notify the appropriate authorities.
- 9.4.5 The licensee shall, within three months of the commencement of the Scheduled Activity, prepare and implement procedures for the activation of the shut off valve on the storm water and trade effluent drainage network. These procedures shall address any emergency situation that may originate on-site that requires the operation of the storm water or trade effluent shut off valve.

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

Condition 10. Decommissioning & Residuals Management

- 10.1 Following termination, or planned cessation for a period greater than six months, of use or involvement of all or part of the site in the licensed activity, the licensee shall, to the satisfaction of the Agency, decommission, render safe or remove for disposal/recovery any soil, subsoil, buildings, plant or equipment, or any waste, materials or substances or other matter contained therein or thereon, that may result in environmental pollution.
- 10.2 Decommissioning Management Plan (DMP)
- 10.2.1 The licensee shall prepare, to the satisfaction of the Agency, a fully detailed and costed plan for the decommissioning or closure of the site or part thereof. This plan shall be submitted to the Agency for agreement within six months of the date of grant of the licence.
- 10.2.2 The plan shall be reviewed annually and proposed amendments thereto notified to the Agency for agreement as part of the AER. No amendments may be implemented without the agreement of the Agency.
- 10.2.3 The licensee shall have regard to the Environmental Protection Agency Guidance on Environmental Liability Risk Assessment, Decommissioning Management Plans and Financial Provision when implementing Condition 10.2.1 above.
- 10.3 The Decommissioning Management Plan shall include, as a minimum, the following:
- (i) a scope statement for the plan;
 - (ii) the criteria that define the successful decommissioning of the activity or part thereof, which ensures minimum impact on the environment;
 - (iii) a programme to achieve the stated criteria;
 - (iv) where relevant, a test programme to demonstrate the successful implementation of the decommissioning plan; and
 - (v) details of the costings for the plan and the financial provisions to underwrite those costs.
- 10.4 A final validation report to include a certificate of completion for the Decommissioning Management Plan, for all or part of the site as necessary shall be submitted to the Agency within three months of execution of the plan. The licensee shall carry out such tests, investigations or submit certification, as requested by the Agency, to confirm that there is no continuing risk to the environment.

Reason: *To make provision for the proper closure of the activity ensuring protection of the environment.*

Condition 11. Notification, Records and Reports

- 11.1 The licensee shall notify the Agency, in writing, one month in advance of the intended date of commencement of the Scheduled Activity at the facility (waste used in the facility construction excepted).
- 11.2 The licence shall notify the Agency by both telephone and facsimile, if available, to the Agency's headquarters in Wexford, or to such other Agency office as may be specified by the Agency, as soon as practicable after the occurrence of any of the following:
- (i) any release of environmental significance to atmosphere from any potential emissions point including bypasses;
 - (ii) any emission that does not comply with the requirements of this licence;
 - (iii) any malfunction or breakdown of key control equipment or monitoring equipment set out in *Schedule C: Control and Monitoring* of this licence which is likely to lead to loss of control of the abatement system; and
 - (iv) any incident with the potential for environmental contamination of surface water or groundwater, or posing an environment threat to air or land, or requiring an emergency response by the Local Authority.
- The licensee shall include as part of the notification, date and time of the incident, summary details of the occurrence, and where available, the steps taken to minimise any emissions.
- 11.3 In the event of any incident which relates to discharges to sewer having taken place, the licensee shall notify the Local and Water Services Authority as soon as practicable after such an incident.
- 11.4 In the case of any incident relating to discharges to water, the licensee shall notify the Local and Water Services Authority and Inland Fisheries Ireland as soon as practicable after such an incident.
- 11.5 The licensee shall make a record of any incident. This record shall include details of the nature, extent, and impact of, and circumstances giving rise to, the incident. The record shall include all corrective actions taken to manage the incident, minimise wastes generated and the effect on the environment, and avoid recurrence. The licensee shall, as soon as practicable following incident notification, submit to the Agency the incident record.
- 11.6 The licensee shall record all complaints of an environmental nature related to the operation of the activity. Each such record shall give details of the date and time of the complaint, the name of the complainant (if provided), and give details of the nature of the complaint. A record shall also be kept of the response made in the case of each complaint.
- 11.7 The licensee shall record all sampling, analyses, measurements, examinations, calibrations and maintenance carried out in accordance with the requirements of this licence and all other such monitoring which relates to the environmental performance of the facility.
- 11.8 The licensee shall as a minimum keep the following documents at the site:
- (i) the licences relating to the facility;
 - (ii) the current EMS for the facility;
 - (iii) the previous year's AER for the facility;
 - (iv) records of all sampling, analyses, measurements, examinations, calibrations and maintenance carried out in accordance with the requirements of this licence and all other such monitoring which relates to the environmental performance of the facility;
 - (v) relevant correspondence with the Agency;
 - (vi) up to date site drawings/plans showing the location of key process and environmental infrastructure, including monitoring locations and emission points;

- (vii) up to date Standard Operational Procedures for all processes, plant and equipment necessary to give effect to this licence or otherwise to ensure that standard operation of such processes, plant or equipment does not result in unauthorised emissions to the environment;
- (viii) any elements of the licence application or EIS documentation referenced in this licence.

This documentation shall be available to the Agency for inspection at all reasonable times.

11.9 The licensee shall submit to the Agency, by the 31st March of each year, an AER covering the previous calendar year. This report, which shall be to the satisfaction of the Agency, shall include as a minimum the information specified in *Schedule E: Annual Environmental Report* of this licence and shall be prepared in accordance with any relevant guidelines issued by the Agency.

11.10 A full record, which shall be open to inspection by authorised persons of the Agency at all times, shall be kept by the licensee on matters relating to the waste management operations and practices at this site. This record shall be maintained on a monthly basis and shall as a minimum contain details of the following:

- (i) the tonnages and EWC Code for the waste materials imported and/or sent off-site for disposal/recovery;
- (ii) the names of the agent and carrier of the waste, and their waste collection permit details, if required (to include issuing authority and vehicle registration number);
- (iii) details of the ultimate disposal/recovery destination facility for the waste and its appropriateness to accept the consigned waste stream, to include its permit/licence details and issuing authority, if required;
- (iv) written confirmation of the acceptance and disposal/recovery of any hazardous waste consignments sent off-site;
- (v) details of all waste consigned abroad for Recovery and classified as 'Green' in accordance with the EU Shipment of Waste Regulations (Council Regulation EEC No. 1013/2006, as may be amended). The rationale for the classification must form part of the record;
- (vi) details of any rejected consignments;
- (vii) details of any approved waste mixing;
- (viii) the results of any waste analyses required under *Schedule C: Control & Monitoring*, of this licence; and
- (ix) the tonnage and EWC Code for the waste materials recovered/disposed on-site.

11.11 The licensee shall submit report(s) as required by the conditions of this licence to the Agency's Headquarters in Wexford, or to such other Agency office as may be specified by the Agency.

11.12 All reports shall be certified accurate and representative by the facility manager or a nominated, suitably qualified and experienced deputy.

11.13 The following records shall be maintained by the licensee:-

- (i) the types and quantities of waste recovered at the facility each year. These records shall include the relevant EWC codes and any details required to complete national reports on waste statistics;
- (ii) all training undertaken by facility staff;
- (iii) results from all integrity tests of bunds and other structures and any maintenance or remedial works arising from them;
- (iv) details of all nuisance inspections; and

- (v) the name 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.
- 11.14 The licensee shall maintain a written record for each load of waste arriving at the facility. The licensee shall record the following:
- (i) the date and time;
 - (ii) the name of the carrier (including if appropriate, the waste carrier registration details);
 - (iii) the vehicle registration number;
 - (iv) the trailer, skip or other container unique identification number (where relevant);
 - (v) the name of the producer(s)/collector(s) of the waste as appropriate;
 - (vi) the name of the waste facility (if appropriate) from which the load originated including the waste licence or waste permit register number;
 - (vii) a description of the waste including the associated EWC/HWL codes;
 - (viii) the quantity of the waste, recorded in tonnes;
 - (ix) the storage area assigned for the waste and its fate at the facility (e.g. recovery, storage);
 - (x) the name of the person checking the load; and
 - (xi) 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.

Reason: *To provide for the collection and reporting of adequate information on the activity.*

Condition 12. Financial Charges and Provisions

12.1 Agency Charges

- 12.1.1 The licensee shall pay to the Agency an annual contribution of €6,034, or such sum as the Agency from time to time determines, having regard to variations in the extent of reporting, auditing, inspection, sampling and analysis or other functions carried out by the Agency, towards the cost of monitoring the activity as the Agency considers necessary for the performance of its functions under the Waste Management Acts 1996 to 2010. The first payment shall be a pro-rata amount for the period from the date of grant of this licence to the 31st day of December, and shall be paid to the Agency within one month from the date of grant of the licence. In subsequent years the licensee shall pay to the Agency such revised annual contribution as the Agency shall from time to time consider necessary to enable performance by the Agency of its relevant functions under the Waste Management Acts 1996 to 2010, and all such payments shall be made within one month of the date upon which demanded by the Agency.
- 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 defray its costs in regard to items not covered by the said annual contribution.

12.2 Environmental Liabilities

- 12.2.1 The licensee shall as part of the AER, provide an annual statement as to the measures taken or adopted at the site in relation to the prevention of environmental damage, and the financial provisions in place in relation to the underwriting of costs for remedial actions following anticipated events (including closure) or accidents/incidents, as may be associated with the carrying on of the activity.
- 12.2.2 The licensee shall arrange for the completion, by an independent and appropriate qualified consultant, of a comprehensive and fully costed Environmental Liabilities Risk Assessment (ELRA) to address the liabilities from past and present activities. The assessment shall include those liabilities and costs identified in Condition 10 for execution of the DMP/CRAMP. A report on this assessment shall be submitted to the Agency for agreement within twelve months of date of grant of this licence. The ELRA shall be reviewed as necessary to reflect any significant change on site, and in any case every three years following initial agreement. The results of the review shall be notified as part of the AER.
- 12.2.3 In advance of the commencement of the acceptance of waste oils, other liquid wastes and waste tyres the licensee shall, to the satisfaction of the Agency, make financial provision to cover any liabilities identified in Condition 12.2.2. The amount of indemnity held shall be reviewed and revised as necessary, but at least annually. Proof of renewal or revision of such financial indemnity shall be included in the annual 'Statement of Measures' report identified in Condition 12.2.1.
- 12.2.4 The licensee shall have regard to the Environmental Protection Agency Guidance on Environmental Liability Risk Assessment, Decommissioning Management Plans and Financial Provision when implementing Conditions 12.2.2 and 12.2.3 above.

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

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SCHEDULE A: Limitations

A.1 The following waste related processes are authorised:

- Shredding, crushing, baling repackaging of oil filters;
- Bulk storage of waste oils and transfer and mixing of waste oils into bulk storage tanks;
- Contaminated soil storage;
- Storage of hazardous and non hazardous waste;
- Packaging, handling, storage and transfer of waste.

No additions to these processes are permitted unless agreed in advance with the Agency.



A.2 Waste Acceptance

Table A.2 Waste Categories and Quantities

WASTE TYPE ^{Note 1}	Limitations (EWC codes)	MAXIMUM (TONNES PER ANNUM) ^{Note 2}
HAZARDOUS ^{Note 3}		
Batteries (including non-hazardous batteries)	160601*, 160602*, 160603*, 160604, 160605	5,040
Waste hydraulic, lubrication and engine oil, bilge oils and oil/water separator contents	130100 (except 130101*), 130200, 130400, 130500	1,980
Waste insulating and heat transmission oil ^{Note 4}	1303, except 130301*	
Waste packaging, wiping rags	150110*, 150202*	300
Oil filters	160107*	480
Brake pads containing asbestos	16 01 11*	480
Degreasing Waste	11 01 13*	
Tank bottom sludges	05 01 03*	
Brake and antifreeze Fluids ^{Note 4}	16 01 13* 16 01 14*	240
Contaminated soil, dredging spoil and track ballast and wastes from soil and groundwater remediation ^{Note 5}	170500, 191300 (subject to conditions in this licence related to management of contaminated soil)	480
Hazardous Waste Total		9,000
NON-HAZARDOUS		
End-of-life tyres	16 01 03	10,200
General garage waste: wiping cloths, degreasing wastes.	15 02 03, 11 01 14	600
Waste metal and other waste from construction and demolition	All 170400 (except 17 04 09*, 17 04 10*), 17 03 02	1,200
Waste from dismantling of end-of-life vehicles	16 01 17, 16 01 18, 16 01 22	
Non-Hazardous Waste Total		12,000
Total		21,000

Note 1: Only wastes with the 'European Waste Catalogue and Hazardous Waste List' Codes listed in this table are to be accepted at the facility, unless otherwise agreed in advance by the Agency.

Note 2: The quantities of the individual non-hazardous waste types may be adjusted only with the agreement of the Agency subject to the total annual non-hazardous waste quantity remaining the same.

Note 3: No hazardous waste shall be accepted at the facility, with the exception of waste batteries, subject to the requirements of Condition 8.2.

Note 4: No bulking up or other treatment permitted.

Note 5: No processing or removal from transit containers shall take place at the facility.

SCHEDULE B: Emission Limits

B.1 Emissions to Air

There shall be no emissions to air of environmental significance.

B.2 Emissions to Water

There shall be no emissions to water of environmental significance.

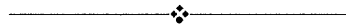
B.3 Emissions to Sewer

There shall be no process effluent emissions to sewer.

B.4 Noise Emissions

Daytime dB(A) L_{Aeq} (30 minutes)	Night-time dB(A) L_{Aeq} (15 minutes)
55 ^{Note 1}	45 ^{Note 1}

Note 1: There shall be no clearly audible tonal component or impulsive component in the noise emission from the activity of any noise-sensitive location.



SCHEDULE C: Control & Monitoring

C.1.1. Control of Emissions to Air

There shall be no emissions to air of environmental significance.

C.1.2. Monitoring of Emissions to Air

There shall be no emissions to air of environmental significance.

C.2.1. Control of Emissions to Water

There shall be no emissions to water of environmental significance.

C.2.2. Monitoring of Emissions to Water

There shall be no emissions to water of environmental significance.

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C.2.3. Monitoring of Storm Water Emissions

Emission Point Reference No: SA01

Parameter	Monitoring Frequency	Analysis Method/Technique
pH	Daily	Electrometry
COD	Quarterly	Standard method ^{Note 1}
Mineral oils	Quarterly	Standard method ^{Note 1}
Suspended solids	Quarterly	Standard Method ^{Note 1}
Visual Inspection/Odour ^{Note 2}	Daily	Sample and examine for colour and odour.

Note 1: Analysis to be carried out by a competent laboratory, using standard and internationally accepted procedures.

Note 2: Where there is evidence of contamination, additional samples should be analysed and the full suite of parameters shown tested.



C.3.1. Control of Emissions to Sewer

There shall be no process effluent emissions to sewer.

C.3.2. Monitoring of Emissions to Sewer

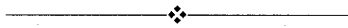
There shall be no process effluent emissions to Sewer.

C.4 Waste Monitoring

Waste Class	Frequency	Parameter	Method
Waste Oil accepted or dispatched.	As agreed by the Agency ^{Note 2}	As agreed by the Agency ^{Note 2}	As agreed by the Agency ^{Note 2}
Other ^{Note 1}			

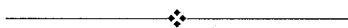
Note 1: Analytical requirements to be determined on a case by case basis.

Note 2: To be agreed by the Agency in accordance with Condition 8 *Materials Handling*.



C.5 Noise Monitoring

No additional noise monitoring is required in this schedule



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C.6 Groundwater Monitoring

Location: Boreholes GW1 and GW2 ^{Note 1}

Parameter ^{Note 2}	Monitoring Frequency	Analysis Method/Techniques
pH	Biannually ^{Note 3}	pH electrode/meter
Total Ammonia	Biannually ^{Note 3}	Standard Method
Total Nitrogen	Biannually ^{Note 3}	Standard Method
Conductivity	Biannually ^{Note 3}	Standard Method
Chloride	Biannually ^{Note 3}	Standard Method
List I/II Organic Compounds ^{Note 4}	Biannually ^{Note 3}	Standard Method
BTEX ^{Note 4}	Biannually ^{Note 3}	Standard Method
Mineral Oil ^{Note 4}	Biannually ^{Note 3}	Standard Method
Metals/Non metals ^{Note 5}	Biannually ^{Note 3}	Standard Method
Visual inspection/Odour ^{Note 6}	Quarterly	N/A

Note 1: Monitoring locations as shown on Map WLA-06 of the application.

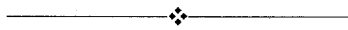
Note 2: All the analysis shall be carried out by a competent laboratory using standard and internationally accepted procedures.

Note 3: Monitoring to commence one month from the date of grant of this licence.

Note 4: Samples screened for the presence of organic compounds using Gas Chromatography / Mass Spectrometry (GC/MS) or other appropriate techniques and using I/II Substances from EU Directive 76/464/EEC and 80/68/EEC as a guideline. Recommended analytical techniques include: volatiles (US Environmental Protection Agency method 524 or equivalent), semi volatiles (USEPA method 525 or equivalent, and pesticides (USEPA method 608 or equivalent).

Note 5: Metals and elements to be analysed by AA/ICP should include as a minimum: boron, cadmium, calcium, chromium (total), copper, iron, lead, magnesium, manganese, nickel, potassium, sodium and zinc.

Note 6: Where there is evidence of contamination of groundwater, additional samples should be analysed.



Schedule D: 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 as well as any abatement system(s).
Installation drainage network including silt traps, storm water attenuation tank and oil interceptors.
Development of designated waste storage areas.
Installation of sumps, bunds or other drainage works.
Any other works notified in writing by the Agency.

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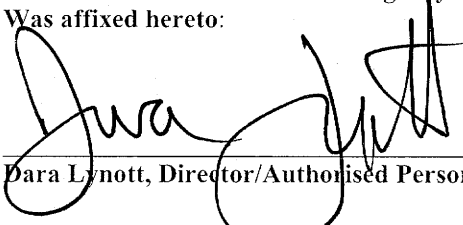
SCHEDULE E: Annual Environmental Report

Annual Environmental Report Content ^{Note 1}
Emissions from the facility.
Waste management record.
Resource consumption summary.
Complaints summary.
Schedule of Environmental Objectives and Targets.
Environmental management programme – report for previous year.
Environmental management programme – proposal for current year.
Pollutant Release and Transfer Register – report for previous year.
Pollutant Release and transfer Register – proposal for current year.
Noise monitoring report summary.
Ambient monitoring summary.
Tank and pipeline testing and inspection report.
Reported incidents summary.
Energy efficiency audit report summary.
Report on the assessment of the efficiency of use of raw materials in processes and the reduction in waste generated.
Report on progress made and proposals being developed to minimise water demand and the volume of trade effluent discharges.
Volume of contaminated storm water produced and volume transported off site.
Development/Infrastructural works summary (completed in previous year or prepared for current year).
Reports on financial provision made under this licence, management and staffing structure of the facility, and a programme for public information.
Review of decommissioning management plan
Statement of measures in relation to prevention of environmental damage and remedial actions (Environmental Liabilities).
Environmental Liabilities Risk Assessment Review (every three years or more frequently as dictated by relevant on-site change including financial provisions.
Implementation of the programme for the identification and reduction of fugitive emissions.
Any other items specified by the Agency.

Note 1: Content may be revised subject to the agreement of the Agency.

Sealed by the seal of the Agency on this the 10th day of January 2011.

PRESENT when the seal of the Agency
Was affixed hereto:



Dara Lynott, Director/Authorised Person

