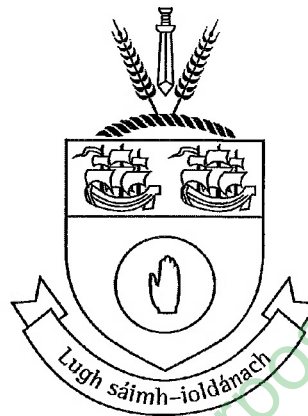


A WASTE FACILITY PERMIT

GRANTED BY



Comhairle Contae **Lú
Louth County Council**

LOUTH COUNTY COUNCIL

TO

Advanced Environmental Solutions(Ireland) Ltd

ON

14 DECEMBER 2018

WASTE FACILITY PERMIT NO WFP-LH-15-0002-03

For Inspection Purposes only

Please note: Appendices are subject to change.

CONTENTS

CONTENTS	3
DECISION	5
Part 1	7
Activities Permitted	7
Activities Refused	8
Interpretation	8
CONDITION 1: SCOPE	9
CONDITION 2: MANAGEMENT OF THE ACTIVITY	13
CONDITION 3: RECORD KEEPING AND REPORTING	15
CONDITION 4: FACILITY INFRASTRUCTURE	19
CONDITION 5: FACILITY OPERATIONS	23
CONDITION 6: ENVIRONMENTAL PROTECTION AND EMISSIONS	27
CONDITION 7: MONITORING	30
CONDITION 8: ACCIDENT PREVENTION AND EMERGENCY RESPONSE	32
CONDITION 9: CHARGES AND FINANCIAL PROVISIONS	34
CONDITION 10: RESTORATION AND AFTERCARE	36
SCHEDULES	
Schedule A Waste Acceptance	
Schedule B Emission Limits	
Schedule C Monitoring	
Schedule D Content of the Annual Environmental Report	

For Inspection Purposes only

DECISION

In pursuance of the powers conferred on it by the Waste Management Act 1996 and the Waste Management (Facility Permit and Registration) Regulations (SI No.821 of 2007), Louth County Council hereby grants a waste facility permit, **Waste Facility Permit Register No WFP-LH-15-0002-03**, which is transferred from Coombesgate Ltd under article 27 of the Regulations, to:

Advanced Environmental Solutions (IRL) Limited

Hereinafter called the permit holder:

Of:

Address:	AES, c/o Bord na Mona Main Street Newbridge Co Kildare
-----------------	---

Operating a facility at:

Address:	Donore Road Industrial Estate Donore Road Drogheda Co Louth
-----------------	--

Issued on:

Date:	14 th December 2018
--------------	--------------------------------

Expires on:

Date:	29 th March 2021
--------------	-----------------------------

Subject to the attached conditions and associated schedules.

Louth County Council may at any time review, and subsequently amend conditions of, or revoke this permit.

Signed:



A/Director of Services for Louth County Council

Date: 14th Dec 2018

For Inspection Purposes only

Part 1

Activities Permitted

In pursuance of the powers conferred on it by the Waste Management Act 1996 and the Waste Management (Facility Permit and Registration) Regulations 2007 (SI No.821 of 2007), Louth County Council hereby grants this waste facility permit under article 18 of the regulations to Advanced Environmental Solutions (Irl) Limited, with an address at Main Street Newbridge Co Kildare, to carry on at premises at Donore Road Industrial Estate, Donore Road, Drogheda, Co Louth the waste activities listed below subject to the conditions and schedules set out in the permit.

Permitted activity in accordance with the Third Schedule, Part 1 of the Waste Management (Facility Permit and Registration) Regulations 2007

Class 10	<p>Recovery of waste (not mentioned elsewhere in this part of the third schedule), other than hazardous waste or an activity specified in Category 5 of Annex I of Council Directive 96/61/EC, where –</p> <p>(a) the annual intake does not exceed 50 000 tonnes, and</p> <p>(b) the maximum quantity of residual waste consigned from the facility for onward transport and submission to disposal at an authorised facility shall not exceed 15% of the annual intake.</p> <p><i>This activity is limited to the permitted two classes of waste recovery activity, in accordance with the Fourth Schedule of the Waste Management Act 1996, as listed and limited below.</i></p>
-----------------	---

Permitted recovery activity in accordance with the Fourth Schedule of the Waste Management Act 1996

Class R4	<p>Recycling/reclamation of metal and metal compounds</p> <p><i>This activity is limited to the recovery of metals from end-of-life tyres and vehicle wheels at the facility.</i></p>
Class R5	<p>(Principal Activity) Recycling or reclamation of other inorganic materials, which includes soil cleaning resulting in recovery of the soil and recycling of inorganic construction materials.</p> <p><i>This activity is limited to the recovery of end-of-life tyres at the facility</i></p>

Please note: Appendices are subject to change

Activities Refused

The waste activities detailed in the application do not include for the interim storage of end-of-life tyres prior to processing, accordingly the waste activity listed below is not permitted.

Recovery activity in accordance with the Fourth Schedule of the Waste Management Act 1996

Class R13	Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage (being preliminary storage according to the definition of "collection" in section 5(1)), pending collection, on the site where the waste is produced).
-----------	---

Interpretation

All terms in this permit should be interpreted in accordance with the definitions in the Waste Management Acts, 1996 to 2015 (the Act), and it's associated enabled Regulations.

For Inspection Purposes Only

Part 2 Conditions

CONDITION 1: SCOPE

- 1.1. This waste facility permit transferred under the Waste Management (Facility Permit & Registration) Regulations 2007 from Coombesgate (Ltd) (WFP-LH-15-0002-01) is granted to Advanced Environmental Solutions (Irl) Ltd (**WFP-LH-15-0002-03**) for purpose of authorisation under the Waste Management (Facility Permit & Registration) Regulations 2007 of the waste activities listed and described in Part 1 Activities Permitted, **and nothing in this permit shall be construed as negating the permit holders statutory obligations, or requirements under any other enactments or regulations.** Waste activity, including storage of wastes, shall not take place unless it is compliant with the Planning and Development Act 2000.
- 1.2. This waste facility permit is granted for a period of no more than 5 years.
- 1.3. For the purposes of this waste facility permit, the facility authorised is the premises outlined in red on the 1:2500 scale, A3 size, drawing, numbered 01-1195-FI and entitled "Site Location Map", dated 11 January 2016. Any reference in this permit to "facility" shall mean the premises thus outlined in red. The authorised activity shall be carried on only within the area outlined.
- 1.4. Waste related activities at the facility shall be limited to the following authorised processes:
 - acceptance of end-of-life tyres;
 - mechanical shredding and granulating of end-of-life tyres;
 - processes for the management and mitigation of environmental emissions including the collection and storage of end-of-life tyre components.

As the activities detailed in the application do not include for the interim storage of end-of-life tyres prior to processing the stockpiling and storage of end-of-life tyres at the facility is not permitted.
- 1.5. The permit holder shall ensure that only those wastes listed, and limited as noted, in *Schedule A: Waste Acceptance* are accepted at the facility, unless otherwise agreed in writing with Louth County Council. The listing is in accordance with the Environmental Protection Agency's publication "Waste Classification, List of Waste & Determining if Waste is Hazardous or Non-hazardous" valid from 1 June 2015, or subsequent amendments.
- 1.6. Unless otherwise agreed in writing with Louth County Council the maximum permitted annual intake of waste at the facility shall not exceed **30,000 tonnes**, and the maximum quantity of residual waste consigned from the facility for onward transport and submission to disposal at an authorised facility shall not exceed 15% of the annual intake.
- 1.7. Pending the introduction of national end-of-waste criteria for tyre-derived rubber materials in Ireland any tyre-derived rubber materials produced (that have completed the recycling processes) that comply with the requirements of the Quality Protocol for Tyre Derived Rubber Materials will not be classified as waste.
- 1.8. Except as otherwise directed in writing by Louth County Council, the operation of waste processing plant shall only take place between 0600 and 2200 hours, Monday to Friday inclusive, and between 0700 and 1500 hours on Saturdays.
- 1.9. No alteration to, nor 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, products or waste generated,

or,

(ii) any changes in:

- information furnished in the application process, facility management, infrastructure or control with adverse environmental significance;

shall be carried out or commenced without prior notice to, and without the written agreement of, Louth County Council.

1.10. Any proposed changes in the activity shall be submitted in writing to Louth County Council for agreement prior to that change taking effect. Should the submission identify a material or significant change in :

- (a) the nature, extent or focus of the waste activity
- (b) the nature or extent of any emission

a waste facility permit review application may be required before the proposed change can be assessed.

1.11. The permit holder shall ensure that the facility is managed, operated and maintained, and that emissions are controlled, as set down in this permit.

1.12. The permit holder shall ensure that the facility is compliant with the objectives of the Eastern Midlands Regional Waste Management Plan and the National Hazardous Waste Management Plan as relevant.

1.13. In order to facilitate recycling and recovery of waste the permit holder shall not dispose of waste which has previously been collected in source segregated form. Similarly he/she shall not collect, transport, handle or mix waste in a manner so as to make it unsuitable for recycling or recovery.

1.14. The permit holder shall be responsible for ensuring that the waste activity shall be controlled, operated and maintained in strict accordance with the terms of the application and as modified and/or controlled by the conditions attached to this permit. The permit holder shall establish procedures to ensure that corrective action is taken should any condition of this permit not be complied with. The Council shall be immediately notified of any such breach by telephone/email, and full details shall be forwarded in writing on the next working day.

1.15. Any non-conformance with the conditions of this permit is an offence under the Waste Management (Facility Permit & Registration) Regulations 2007 as amended..

1.16. Where Louth County Council considers that a non-compliance with the conditions of this permit has occurred, it may serve notice on the permit holder specifying:

- that only those wastes as specified, if any, in the notice are to be recovered at the facility after the date specified in the notices, and/or

Please note: Appendices are subject to change.

- that the permit holder shall undertake the works stipulated in the notice, and/or otherwise comply with the requirements of the notice as set down therein, within any timescale contained in the notice, and/or
- that the permit holder shall carry out any other requirement specified in the notice.

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

- 1.17. The permit holder shall comply at all times with the provisions of the Community Acts detailed in the table below, insofar as such provisions are relevant to the waste activity to be carried out:

Directive 2006/11/EC of 15 February 2006 of the European Parliament and of the Council on pollution caused by certain dangerous substances discharged into the aquatic environment of the community (O.J. No. L64/52 of 4 March 2006)
Directive 2006/118/EC of 12 December 2006 of the European Parliament and of the Council on the protection of groundwater against pollution and deterioration (O.J. No. L372/19 of 27 December 2006)
Council Directive 87/217/EEC of 19 March 1987 on the prevention and reduction of environmental pollution by asbestos (O.J. No. L85/40 of 28 March 1987)
Council Directive 91/676/EEC of 12 December 1991 concerning the protection of waters against pollution caused by nitrates from agricultural sources (O.J. No. L 375/1 of 31 December 1991)
European Parliament and Council Directive 2000/60/EC of 23 October 2000 establishing a framework for Community action in the field of water policy (O.J. No. L 327/1 of 22 December 2000)
Directive 2002/96/EC of the European Parliament and of the Council of 27 January 2003 on waste electrical and electronic equipment, (O.J.No.L37/24, 13 February 2003), as amended by Directive 2003/108/EC of the European Parliament and of the Council of 8 December 2003 (O.J. No. L 345/106, 31 December 2003).
Directive 94/62/EC of the European Parliament and of the Council of 20 December 1994 on packaging and packaging waste (O.J. No. L365/10 of 31 December 1994), as amended by Directive 2004/12/EC of the European Parliament and of the Council of 11 February 2004 on packaging and packaging waste (O.J. No. L47/26 of 18 February 2004)
Directive 2000/53/EC of the European Parliament and of the Council of 18 September 2000 on end-of-life vehicles (O.J. No.L269/34, 21 October 2000) as amended by Council Decision 2005/673/EC of 20 September 2005
Council Directive 1999/31/EC of 26 April 1999 on the landfill of waste (O.J. No. L182/1 16 July 1999)
Regulation (EC) No. 2037/2000 of the European Parliament and of the Council of 29 June 2000 on substances that deplete the ozone layer (O.J. No. L244/1 of 29 September 2000), as amended by Council Regulations (EC) Nos. 2038/2000 (O.J. No. L244/25 of 29 September 2000), 2039/2000 (O.J. No. L244/26 of 29 September 2000), 1804/2003 (O.J. No. L265/1 of 16 October 2003), Commission Regulation (EC) No. 2077/2004 (O.J. No. L359/28 of 4 December 2004), Commission Regulation (EC) No. 29/2006 (O.J. No. L6/27 of 11 January 2006) and Commission Regulation (EC) No. 1784/2006 of 4 December 2006 (O.J. No. L337/3 of 5 December 2006)
Regulation (EC) No. 842/2006 of the European Parliament and of the Council of 17 May 2006 on certain fluorinated greenhouse gases (O.J. No. L161/1 of 14 June 2006)
Directive 2006/66/EC of 6 September 2006 of the European Parliament and the Council on batteries and accumulators and waste batteries and accumulators and repealing Directive 91/157/EEC (O.J. No. L 266/49 of 26 September 2006)

Council Directive 91/157/EEC of 18 March 1991 on batteries and accumulators containing certain dangerous substances (O.J. No. L078/38 of 26 March 1991) as amended by Commission Directive 93/86/EEC of 4 October 1993 (O.J. No. L264/51 of 23 October 1993) and by Commission Directive 98/101/EC of 22 December 1998 (O.J. No. L1/1 of 5 January 1999)
Regulation (EC) No 2150/2002 of the European Parliament and of the Council of 25 November 2002 on waste statistics (O.J.No.L332/1o f9December2002)
Regulation (EC) No. 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC (O.J. L229/5 of 29 June 2004) as amended by Council Regulation (EC) No. 1195/2006 (O.J. No. L55/1 of 23 January 2007) and Council Regulation (EC) No. 172/2007 O.J. No. L272/19, 27 December 2006 (O.J. No, L217/1, 8 August 2006)
Regulation (EC) No. 1774/2002 of the European Parliament and of the Council of 3 October 2002 laying down health rules concerning animal by-products not intended for human consumption, as amended by Commission Regulation (EC) No.808/2003 of 12 May 2003 (O.J. No. L117/1 of 13 May 2003)
Council Directive 79/409/EEC of 2 April 1979 on the conservation of wild birds (O.J. No. L103/1 of 25 April 1979)
Council Directive 92/43/EEC of 21 May 1992 on the conservation of natural habitats and of wild fauna and flora (O.J. No. L 206/7 of 22 July 1992)
Council Directive 80/68/EEC of 17 December 1979 on the protection of groundwater against pollution caused by certain dangerous substances
Directive 2006/118/EC of 12 December 2006 of the European Parliament and of the Council on the protection of groundwater against pollution and deterioration
Directive 2006/21/EC of the European Parliament and of the Council of 15 March 2006, on the management of waste from the extractive industries
Waste Directive 2011 SI 126/2011 European Communities (Waste Directive) Regulations 2011

Please note: Appendices are subject to change.

CONDITION 2: MANAGEMENT OF THE ACTIVITY

2.1 The permit holder 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 at the facility at all times during its operation or as otherwise required by the Louth County Council.

2.2 Waste activity shall be managed and operated:

in accordance with a management system, which identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances and closure and those drawn to the attention of the operator as a result of complaints; and

by sufficient persons who are competent in respect of the responsibilities to be undertaken by them in connection with the operation of the activities.

2.3 The permit holder shall acquaint all staff, employees, lessees and agents, including replacement personnel and contract personnel, of the provisions of this permit and shall ensure that personnel performing specifically assigned tasks shall be qualified on the basis of appropriate education, training and experience, as required.

2.4 The permit holder shall ensure that, where appropriate, the following written procedures are in place prior to the acceptance of waste at the facility:

- (a) waste inspection procedures
- (b) waste acceptance and handling procedures
- (c) waste sampling, analysis and characterisation procedures
- (d) requirements for the pre-treatment of wastes
- (e) waste quarantine procedures
- (f) waste rejection and notification procedures
- (g) other appropriate procedures and arrangements relating to the acceptance of waste.
- (h) corrective action procedures which shall be followed in the event of any condition of this permit is not complied with.

2.5 The permit holder shall ensure that authorised staff of Louth County Council shall have unrestricted access to the premises at all reasonable times on production of their identification for the purposes of carrying out the Local Authority's functions under the Act.

For Inspection Purposes only

CONDITION 3: RECORD KEEPING AND REPORTING

- 3.1 Unless otherwise agreed with Louth County Council, all written communications, including reports and notifications related to this permit, shall be submitted to the local authority as follows:

Title	Senior Engineer
	Operations and Environmental Compliance
Address	Louth County Council
	County Hall
	St Alphonsus Rd
	Dundalk
	Co Louth

- 3.2 The permit holder shall ensure that a copy of this waste facility permit is retained on site, in an easily accessible location, at all times. A copy of this permit shall be issued by the permit holder to all relevant personnel whose duties relate to any condition within it.
- 3.3 The permit holder shall ensure that a copy of the layout plan is retained on site, in an easily accessible location, at all times. The layout plan shall include the following;
- site boundary;
 - ordnance survey sheet reference number(s);
 - elevation levels (metres) and Ordnance datum;
 - dimensions (metres);
 - orientation of north point;
 - location of monitoring and sampling points;
 - location of facility buildings, other infrastructure and waste activity areas, including those areas used for the reception, inspection, segregation, transfer, quarantining or storage of wastes
- 3.4 The permit holder shall maintain a facility specific waste register of all waste arriving and departing from the facility, which shall be available for inspection by the local authority. The register shall detail the following:
- The dates, time of arrival/departure and quantities in tonnes of each waste consignment delivered to and removed from the facility, (including waste types classified in accordance with the Environmental Protection Agency's publication "Waste Classification, List of Waste & Determining if Waste is Hazardous or Non-hazardous" valid from 1 June 2015, or subsequent amendments).
 - Names of the carriers, including details of vehicle registrations, waste collection permit numbers, and, where appropriate, details of broker registration certificates and consignment notes required by regulation for the transfrontier movement of waste and/or the movement of hazardous wastes, for the movement of all waste consignments into and from the facility.
 - Quantities in tonnes and composition of wastes rejected at the facility and the reason why.

- (e) Quantities in tonnes, composition and destination of each consignment of waste, including any wastewater, removed from the facility, including the date and time and carrier for each consignment removed.
- (f) Details of all facilities, including permit/licence numbers, which are being used to receive such waste consignments.

3.5 All written communication, reports etc shall:

be formatted in accordance with any written instruction or guidance issued by Louth County Council;

include whatever information as is specified in writing by Louth County Council;

be submitted in accordance to the relevant reporting frequencies specified in this permit;

be accompanied by a written interpretation setting out their significance in the case of all monitoring data;

be transferred electronically to the Council's computer system if so required by Louth County Council.

3.6 The permit holder shall compile and maintain specified records in a specified format, agreed with Louth County Council, **for a period of not less than 7 years**, in relation to the activity to which the permit relates, of:

- (a) the types and quantities of waste dealt with in the course of business (including waste types classified by codes and descriptions in accordance with the Environmental Protection Agency's publication "Waste Classification, List of Waste & Determining if Waste is Hazardous or Non-hazardous" valid from 1 June 2015, or subsequent amendments);
- (b) the treatment, recovery or disposal activities to which the waste is subject, including the compilation of commercial documentation for all collected waste deposited at the facility.

3.7 The permit holder shall submit to the local authority, an Annual Environmental Report (AER). The AER shall be submitted on or before the **28th February** each year. The AER shall relate to waste activity in the preceding calendar year. This AER, which shall be to the satisfaction of the local authority, shall include as a minimum the information specified in *Schedule D: Content of Annual Environmental Report*, of this permit and shall be prepared in accordance with any relevant written guidance issued by the local authority.

3.8 The permit holder shall submit to Louth County Council a **Monthly Waste Balance Statement** for each calendar month of operation of the facility. This statement shall be submitted on or before the tenth day of the following month and shall summarise for each waste type the quantity held at the facility on the first day of the relevant month, the total quantity accepted at the facility during the month, the total quantity dispatched from the facility during the month and the quantity held at the facility on the last day of the month. A reducing balance must be included each month along with the % recovery and disposal.

3.9 The permit holder shall immediately notify Louth County Council by telephone/email of any incident which occurs as a result of the activity at the facility and which :

- (a) has the potential for environmental contamination of surface water or ground water, or,
- (b) poses an environmental threat to air or land, or,

(c) requires an emergency response by the Local Authority.

Full details shall be forwarded in writing on the next working day. The permit holder shall include as part of this notification:

- (a) the date and time of the incident, or when the incident was noticed,
- (b) details of the incident and the causes or potential causes of it,
- (c) an evaluation of environmental pollution caused, if any,
- (d) actions taken to minimise the effect on the environment,
- (e) steps taken to avoid reoccurrence,
- (f) details of any site investigations instigated by the permit holder,
- (g) any other remedial action taken.

The permit holder shall make a record of any such incident in a register to be maintained at the facility.

3.10 The permit holder shall maintain, at the facility, a register of all complaints received relating to the operation of the activity. Each such complaint entry in the register should give details listed below; details (a) to (c) should be entered in the register on the day of receipt of the complaint:

- (a) time and date of the complaint,
- (b) the name of the complainant,
- (c) details of the nature of the complaint,
- (d) actions taken to deal with the complaint, and the results of such actions,
- (e) the response made to each complainant.

After the receipt of a complaint, Louth County Council shall be notified in writing as soon as possible and in any event not later than 5 working days of receipt of the complaint.

3.11 The permit holder shall make all records maintained at the facility available to staff of Louth County Council at all reasonable times, and shall provide any relevant information when so requested by an authorised person of Louth County Council.

3.12 The permit holder is required to notify Louth County Council within 5 working days of :

- i. the imposition of any requirement on him/her, including as body corporate any relevant officer, by order under the Act, or
- ii. any conviction of him/her, including as body corporate any relevant officer, for an offence prescribed under the Act.

3.13 The permit holder shall collect, maintain and report waste records, in a format as may be specified by the local authority or the Agency, that are necessary:

to monitor compliance with targets set for the management of construction and demolition waste in national waste management policy and legislation; and

to support the National Database on Waste.

- 3.14 The permit holder shall inform the Local Authority when the activity ceases at the facility, within a week of the activity ceasing.
- 3.15 The permit holder shall maintain a register detailing all instances where waste material is purchased for acceptance at the facility. This register, which shall be available for inspection by Louth County Council, shall detail the following:
- i. the proven name and address of the person supplying the material,
 - ii. the name, identity, registration number and where appropriate, waste collection permit number of the delivery vehicle,
 - iii. description and weight of the materials, time and date of the purchase, and amount paid,
 - iv. a signed statement by the person supplying the material that they are the lawful owner of the material or have the consent of the lawful owner to sell the material.

(Note: "Purchased" in relation to waste material means acquiring waste material in the course of business in exchange for any consideration, including money, or in exchange for a prize, or otherwise in exchange for a gift).

For Inspection Purposes Only

CONDITION 4: FACILITY INFRASTRUCTURE

Facility Infrastructure

- 4.1 The permit holder shall provide sufficient and adequate waste infrastructure, including buildings, paved storage areas, storage bays, bins, skips and the like, that allows waste activity, including the storage of all wastes, to be carried out as specified in the application and as modified and/or controlled by the terms of this permit, and as required by the conditions of this permit. All facility infrastructure, and amendments thereto, are subject to the written approval of Louth County Council. Facility infrastructure shall be of sufficient capacity and be adequately fitted with plant, equipment, facilities, etc for the appropriate treatment and storage of all wastes and shall be in place prior to the acceptance and processing of any waste at the facility.
- 4.2 All waste activity areas, including those used for the reception, inspection, segregation, transfer, treatment and storage of untreated wastes, shall have an impermeably paved surface. These surfaces shall be in place prior to the commencement of waste activity thereon.
- 4.3 The design and supervision of construction of all infrastructure development works shall be undertaken by a competent person(s).
- 4.4 Within one month of the completion of any infrastructure development works the permit holder shall submit as built drawings of the works and any other information requested in writing by Louth County Council.

Facility Notice Board

- 4.5 The permit holder shall provide and maintain a facility notice board at the facility. This notice board shall be provided within 1 month of grant of this permit, and shall be positioned 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 board shall clearly show:-

- (a) the name and telephone number of the facility,
- (b) the normal hours of opening,
- (c) the name of the permit holder,
- (d) an emergency out of hours contact telephone number,
- (e) the waste facility permit reference number, and
- (f) where environmental information relating to the facility can be obtained from the facility operator.

Monitoring and Sampling Points

- 4.6 The permit holder shall clearly label and provide safe and permanent access to all on-site sampling and monitoring points and, where appropriate, to off-site sampling and monitoring points as required by Louth County Council. These requirements shall be in place within two months of the date of grant of this waste facility permit.

Tank, Container and Drum Storage Areas

- 4.7 Areas used for the storage of fuel oils, lubricants, chemicals or the like shall comply with the following requirements :

- All tank, container and drum storage areas shall be bunded and be rendered impermeable to the materials stored therein. Bunds should be designed having regard to Agency guidelines *Storage and Transfer of Materials for Scheduled Activities* (2004).
- The integrity and water tightness of all bunds and their resistance to penetration by water or other materials stored therein shall be confirmed by the permit holder and shall be reported to the local authority following its installation and prior to its usage as a storage area.
- All tank and drum storage areas shall, as a minimum, be bunded, either locally or remotely, to a volume not less than the greater of the following:-
 - 110% of the capacity of the largest tank or drum within the bunded area; or
 - 25% of the total volume of substance which could be stored within the bunded area.
- 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.
- All inlets, outlets, vent pipes, valves and gauges must be within the bunded area.
- All tanks, containers and drums shall be labelled to clearly indicate their contents.

Surface Run-off Discharge

- 4.8 Unless agreed otherwise in writing with Louth County Council the permit holder shall install and maintain appropriate measures at the facility to ensure that all storm water discharges (except for roof run-off) pass through a silt trap and oil separator, and be provided with a shut-off valve, in advance of discharge. Unless agreed otherwise in writing with Louth County Council the separator shall be a full-retention Class I separator in accordance with I.S. EN 858-2:2003 (separator systems for light liquids).
- 4.9 All pump 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 separator, shall be fitted with high liquid level alarms (or oil detectors as appropriate).
- 4.10 Any surface water drainage system shall be provided with a shut-off valve on its outfall pipe prior to its discharge point.

Wastewater Collection

- 4.11 Should any activities, including the outside storage of wastes where permitted under other than weatherproof conditions, the washing of vehicles, plant, floors, skips or the like, give rise to the generation of leachate or other wastewater at the facility (other than sewage) then the permit holder shall provide a wastewater collection system in advance to ensure that all leachate and wastewaters generated are collected and treated in compliance with health and environmental regulations and as agreed in writing with Louth County Council. Storm water run-off from outside areas used for the carrying out of waste activities including the open storage of untreated waste under other than weatherproof conditions, is considered as wastewater and should be treated as such. The discharge of wastewater through an oil separator is **not** considered as compliant treatment. Any arrangements for the collection and treatment of wastewater shall have the approval of Louth County Council prior to the generation of any wastewater.

Please note: Appendices are subject to change.

Facility Security

4.12 Adequate perimeter security, including lockable gates and, where appropriate, stock proof fencing, shall be installed, prior to the acceptance of waste, and maintained. Gates shall be locked shut when the facility is unsupervised. Any defect arising in the perimeter security, including in the gates or fencing, shall be remedied as follows:-

- a temporary repair shall be made by the end of the working day, and
- a repair to the standard of the original perimeter security shall be undertaken within three working days.

Facility Roads and Surfaces

4.13 Effective and adequate site roads and surfaces shall be provided and maintained to ensure the safe and nuisance free movement of vehicles within the facility. Sufficient site roads, etc shall be in place prior to any vehicular traffic entering the facility.

4.14 The permit holder shall make suitable arrangements, including if necessary the provision of a wheel cleaning facility, to ensure that no dust or mud shall be deposited on the public road by any vehicle exiting the facility.

Facility Office

4.15 The permit holder shall provide and maintain an office at the facility. The office shall be constructed and maintained in a manner suitable for the processing and storing of documentation.

4.16 The permit holder shall provide and maintain a working telephone and a method for electronic transfer of information at the facility.

4.17 Office and communication arrangements shall be in place before the facility becomes operational under this waste facility permit.

Waste Inspection and Quarantine

4.18 A waste inspection area(s) and waste quarantine area(s) shall be provided and maintained at the facility.

4.19 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(s) and waste quarantine area(s) shall be clearly identified and segregated from each other.

Weighbridge

4.20 The permit holder shall provide and maintain at the facility a weighbridge, or make suitable arrangements to the written approval of Louth County Council, for the purposes of recording the quantity, in tonnes, of each vehicle load of waste accepted at, or removed from, the facility. In the absence of an operational weighbridge, calculation of weight shall be determined by means of any one of the methods set out in the Schedule in the Waste Management (Landfill Levy) Regulations, 2002 (SI No 86 of 2002), unless otherwise agreed with the local authority.

4.21 Any weighbridge used shall be maintained and calibrated in accordance with manufacturer's recommendations. Records of maintenance and calibration checks shall be held at the facility.

Waste Recovery Areas

- 4.22 All waste storage areas, including those areas used for the storage of quarantined wastes, shall be clearly defined, labelled and appropriately segregated. Waste storage areas shall be suitably constructed, have adequate capacity, and be in place in advance of their use for storage. They shall be maintained in a manner suitable for the storage of waste.
- 4.23 Unless otherwise agreed in writing with the Council waste recovery activities shall only take place as specified in the application and as modified and/or controlled by the terms of this permit. Generally all waste recovery, including processes for the management and mitigation of environmental emissions, shall take place under weatherproof conditions, except where the outside storage of waste is permitted. Where permitted the outside storage of waste shall only take place in designated imperviously paved areas in approved containers and/or bays and, where required, under weatherproof conditions.

Vehicle Washing Area

- 4.24 Any area used for the washing of waste facility vehicles, plant, skips or the like, shall be impermeably paved and shall be isolated and contained within kerb and/or channel drain edge restraints so as to prevent wash waters from entering any surface water drainage system. Wastewater from any such area shall be collected and treated in compliance with health and environmental regulations and as agreed in writing with Louth County Council. These areas shall be suitably constructed and be in place in advance of their use.

Groundwater Monitoring Provisions

- 4.25 The permit holder shall make suitable arrangements, including provision of the appropriate infrastructure, for the monitoring of groundwater in the vicinity of the facility in accordance with monitoring requirements set out in this permit. All groundwater arrangements shall be agreed in writing with Louth county Council.

CONDITION 5: FACILITY OPERATIONS

Commencement of Waste Activity

- 5.1 All waste infrastructure necessary for the proper carrying out of waste activity in accordance with the terms of this permit, including that required for the acceptance, inspection, segregation, transfer, treatment and storage of wastes and for the collection and appropriate treatment of surface water run-off, wastewaters, leachate and the like, shall be in place prior to the commencement of facility operations.

Waste Acceptance and Handling

- 5.2 Prior to the acceptance of any waste at the facility the permit holder shall develop, maintain and implement detailed written procedures and criteria for:
- acceptance, on-site verification and handling of all wastes arriving at the facility;
 - rejection of unacceptable incoming waste; and
 - ensuring adequate capacity exists to allow the direct processing of waste without its interim storage in advance of waste unloading and acceptance;
 - contingency arrangements in the event of insufficient processing capacity to allow direct unloading of waste from incoming vehicles being available.
- 5.3 Waste arriving at the facility shall be inspected at the point of entry to the facility and, subject to this inspection, weighed, documented and directed to a designated waste recovery area. Each load of waste arriving at the designated waste recovery area shall be further inspected upon unloading. Only after such inspections shall the waste be accepted for recovery. A record of all inspections of incoming waste shall be maintained.
- 5.4 The permit holder shall ensure that adequate steps are taken to prevent unauthorised entry of waste to the facility. The permit holder shall make provisions to control access to the site to prevent fly tipping of waste. Such provisions shall be agreed with Louth County Council prior to the commencement of waste activities at the facility.
- 5.5 Any waste deemed unsuitable for processing at the facility and/or in contravention of this permit 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.
- 5.6 Disposal, recycling or recovery of waste shall only take place in accordance with the conditions of this permit and in accordance with the appropriate National and European legislation and protocols.
- 5.7 The permit holder shall remove immediately any waste placed on or in the vicinity of the facility other than in accordance with the requirements of the permit. If such waste is discovered it shall be taken to a facility with a waste licence or waste permit authorising acceptance of such waste.

Waste Purchase

5.8 In all instances where waste is purchased for acceptance at the facility and in order to improve the traceability of waste received at a waste facility, the permit holder shall require:

- (i) The production of proof of identity of the person supplying the material, such proof being,
 - a) a valid passport, or
 - b) a current Irish driving licence, or learner driver permit, or,
 - c) a Public Services Card issued by the Department of Social Protection.

and,

- (ii) The production of proof of current address of the person supplying the material, such proof being,
 - a) a current utility bill addressed to that person at their stated address, or,
 - b) a document issued by a Government Department addressed to that person at their stated address within the previous three months, or,
 - c) a current car or home insurance policy addressed to that person at their stated address, or,
 - d) a current Tax Credit Certificate or Tax Clearance Certificate issued by the Office of the Revenue Commissioners to that person at their stated address.

(Note: "Purchased" in relation to waste material means acquiring waste material in the course of business in exchange for any consideration, including money, or in exchange for a prize, or otherwise in exchange for a gift).

Waste Movement

5.9 Waste sent off-site for recovery or disposal shall be transported only by a waste collector authorised in accordance with the Waste Management (Collection Permit) Regulations, 2001 (SI 402 of 2001) (where the collector has a valid permit granted under such Regulations) or the Waste Management (Collection Permit) Regulations, 2007 (SI 820 of 2007) (where the collector has a valid permit granted under such Regulations since 31st March 2008). The waste shall be transported only from the site of the activity to the site of recovery or disposal in a manner which will not adversely affect the environment and in accordance with the appropriate National and European legislation and protocols.

Waste Activity

5.10 The loading and unloading of materials shall be carried out in designated areas and protected against spillage and run-off.

5.11 Unless otherwise agreed in writing with Louth County Council waste activities shall only take place as specified in the application and as modified and/or controlled by the terms of this permit. Generally waste activities shall be confined to inside a facility building, except where otherwise agreed with Louth County Council.

Please note: Appendices are subject to change.

Waste Storage

- 5.12 Waste shall be stored in designated areas, protected as may be appropriate, against spillage and leachate run-off. Waste storage areas are to be clearly labelled and appropriately segregated. Only those waste types that are appropriate to a designated area shall be stored therein.
- 5.13 Where permitted the outside storage of waste shall only take place in designated imperviously paved areas -
- in approved packaging, containers and/or bays and under weatherproof conditions; or
 - in the case of uncovered wastes stored outside in the open, in areas that have a positive drainage collection system that ensures that all run-off, including storm run-off, is collected and treated in compliance with health and environmental regulations and as agreed in writing with Louth County Council.

Operational Controls

- 5.14 Disposal or recovery of waste shall only take place in accordance with the conditions of this permit and in accordance with the appropriate National and European legislation and protocols.
- 5.15 The permit holder shall not allow any overspill of waste outside the boundary of the facility or any designated storage area.
- 5.16 Scavenging shall not be permitted at the facility.
- 5.17 Gates shall be locked shut when the facility is unsupervised.
- 5.18 Adequate lighting shall be provided and used during the operation of the facility in hours of darkness.
- 5.19 Fuels shall only be stored at appropriately bunded locations on the facility.
- 5.20 The permit holder shall ensure that the facility is not used for the cleaning and washing out of vehicles other than those associated with waste collection, transfer and handling.
- 5.21 All waste handling/processing plant shall be cleared of waste on a daily basis. Waste storage areas shall be cleaned on each occasion such areas are emptied.
- 5.22 The permit holder shall ensure that there are no direct emissions to air of environmental significance from any operation, including the processing of waste. All waste processing operations shall be carried out under cover and adequate dust recovery equipment, consistent with Best Available Techniques (BAT), shall be employed at all times during processing operations.

Commissioning and Maintenance

- 5.23 All plant, apparatus and equipment, including that used for handling and processing waste and for controlling and monitoring of emissions, shall be commissioned and maintained in accordance with the manufacturers' instructions. Written records of maintenance, calibration checks and the like shall be held at the facility.
- 5.24 All dust extraction equipment shall be properly commissioned and shall be inspected and certified fit for purpose by a competent person prior to the commencement of facility operations.

- 5.25 All storage tanks at the facility shall be inspected and certified fit for purpose prior to the acceptance of waste, and every three years thereafter, by an independent and appropriately qualified chartered engineer.
- 5.26 The drainage system(s), including bunds, holding tanks, silt traps, etc, shall be inspected weekly, desludged as necessary and properly maintained at all times. All arisings from these operations shall be collected for safe disposal.
- 5.27 The integrity and water tightness of all drainage system(s), including holding tanks, silt traps, interceptors, etc shall be tested and demonstrated by the permit holder and reported to Louth County Council prior to use under this waste facility permit.
- 5.28 A written record shall be kept at the facility of all inspection and maintenance operations.

For Inspection Purposes only

CONDITION 6: ENVIRONMENTAL PROTECTION AND EMISSIONS

Environmental Protection

- 6.1 The only environmental emissions to any media allowed from the facility are those detailed within the application and provided for in this permit. Unless otherwise agreed with Louth County Council no specified emission, nor any emission to the ambient environment, shall exceed the emission limit values set out in *Schedule B: Emission Limits*, of this permit. There shall be no fugitive emissions of environmental significance.
- 6.2 No emissions, including odours, from activities carried on at the facility 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.
- 6.3 The permit holder shall ensure, and take preventative measures as necessary, including the use of Best Available Techniques (BAT), that all or any of the following: vermin, birds, flies, mud, dust, litter and emissions of fibrous or particulate matter, associated with the activity do not 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. Any measure taken by the permit holder to control or prevent any such impairment or interference shall not cause environmental pollution.
- 6.4 The permit holder shall take preventative measures to ensure that the activity is carried out in a manner which does not have any adverse effect on the drainage of lands, watercourses, shallow wells, bored wells, raw water intakes or other sources of water supply and public and private roads or footways.
- 6.5 Effective site roads and surfaces shall be provided and maintained to ensure the nuisance-free movement of vehicles within the facility.

Emissions to Air

- 6.6 Emission limits to air in this permit shall be interpreted in the following way:

Non-Continuous Monitoring

for any parameter where, due to sampling/analytical limitations, 30 minute samples is inappropriate, a suitable sampling period should be employed and the value obtained therein shall not exceed the emission limit value;

for all other parameters, no 30 minute mean value shall exceed the emission limit value;

for flow, no hourly or daily mean value shall exceed the emission limit value.

- 6.7 All direct and indirect emissions to air, including odours, shall be controlled to ensure that they do not:
- (i) result in injury to health,
 - (ii) have a deleterious effect on flora or fauna, or cause damage to property,
 - (iii) impair or interfere with amenities or with the environment.

Emissions to Water

- 6.8 There shall be no direct emissions nor trade effluent, leachate or contaminated storm water discharges to groundwater, surface water drains or water courses.
- 6.9 There shall be no surface water discharges (except for roof run-off) from the facility other than those discharged via a silt trap and oil separator.

Emissions to Sewer

- 6.10 Non-trade effluent wastewater (eg firewater, contaminated storm water, accidental spillages) which arises at the facility shall not be discharged to sewer without the prior authorisation of Irish Water.
- 6.11 In the event of any incident which relates to discharge to the sewer having taken place, the permit holder shall notify by telephone and email the Local Authority and Irish Water.

Noise

- 6.12 There shall be no clearly audible tonal component or impulsive component in the noise emissions from the activity at noise sensitive locations.

Nuisance Control

- 6.13 The permit holder shall ensure that vermin, birds, flies, mud, dust, litter, odours and emissions of fibrous or particulate matter do not give rise to nuisance at the facility nor in the immediate area of the facility. A documented programme for nuisance control shall be maintained and reviewed annually. Any method used by the permit holder to control any such nuisance shall not cause environmental pollution.
- 6.14 In the event of any nuisance arising in the vicinity of the facility, including nuisance from malodours, the permit holder shall take immediate appropriate measures to abate the nuisance. Any such event shall be notified and recorded as an incident.
- 6.15 The permit holder shall inspect the facility and its immediate surrounds for nuisances caused by litter, vermin, birds, flies, mud, dust and odours, on a daily basis, and an inspection log maintained. Any waste placed on or in the vicinity of the facility other than in accordance with the requirements of the permit shall be removed immediately. If such waste is discovered it shall be taken to a facility that is authorised to accept such waste.
- 6.16 The road network in the vicinity of the facility and all facility surfaces 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.
- 6.17 The permit holder shall ensure that all vehicles delivering waste to, and removing waste and materials from, the facility are appropriately covered.
- 6.18 In dry weather, site roads and any other areas used by vehicles, within the boundary of the facility, shall be sprayed with water as and when required to minimise airborne dust nuisance.
- 6.19 Any putrescible waste stored overnight at the facility, shall be stored in suitably covered and enclosed containers within the recycling building. All such waste shall be removed from the facility **within forty-eight hours** of its arrival at the facility.
- 6.20 All stockpiles of waste and materials stored in the yard shall be maintained so as to minimise dust generation.

6.21 Sufficient and continuous vermin control shall be maintained at the facility.

6.22 No waste shall be burned at the facility.

For Inspection Purposes only

CONDITION 7: MONITORING

- 7.1. Authorised staff of Louth County Council shall have unrestricted access to the site at all reasonable times, for the purpose of carrying out their functions under the Act, including such inspections, monitoring and investigations as are deemed necessary by the local authority.
- 7.2. Unless otherwise agreed with Louth County Council the permit holder shall carry out such monitoring and at such locations and frequencies as set out in *Schedule C: Monitoring*, of this permit and as specified in this permit.
- 7.3. Within one month of the date of this permit the permit holder shall provide Louth County Council with a site map showing clearly all emission and monitoring point locations marked thereon.
- 7.4. The permit holder shall amend the frequency, locations, methods and scope of monitoring as required by this permit only upon the written instruction of Louth County Council and shall provide such information concerning such amendments as may be requested in writing by the local authority. Such alterations shall be carried out within any timescale nominated by Louth County Council.
- 7.5. Monitoring and analysis equipment shall be operated and maintained in accordance with manufacturers' instructions so that all monitoring results accurately reflect any emission, discharge or environmental parameter.
- 7.6. The permit holder shall install and maintain all sampling and monitoring points, and clearly label and name all sampling and monitoring locations, so as they may be used for representative sampling and monitoring.
- 7.7. 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 for a limited period has been agreed in writing by Louth County Council. In the event of the malfunction of any continuous monitor, the permit holder shall contact Louth County Council as soon as is practicable, and alternative sampling and monitoring facilities shall be put in place. Prior written agreement for the use of alternative equipment, other than in emergency situations, shall be obtained from the local authority.
- 7.8. The results of monitoring shall be furnished to Louth County Council within one month of the sampling/monitoring date. All monitoring data shall be accompanied by a written interpretation setting out their significance.

For Inspection Purposes only

CONDITION 8: ACCIDENT PREVENTION AND EMERGENCY RESPONSE

- 8.1 Prior to the commencement of facility operations the permit holder shall ensure that the following procedures are in place:

a documented Accident Prevention Policy which will address the hazards on-site, particularly in relation to the prevention of accidents with a possible impact on the environment,

an Emergency Response Plan (ERP) which will address any emergency situations which may originate on the facility and shall include provision for minimising the effects of any emergency on the environment. This shall include a risk assessment to determine the requirements at the facility for fire fighting and fire water retention facilities.

These procedures shall have regard to the guidance in the Environmental Protection Agency's document "Guidance Note: Fire Safety at Non-Hazardous Waste Transfer Stations (Dec 2013)" and shall be reviewed annually and updated as necessary.

- 8.2 The permit holder shall ensure that 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. The permit holder 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 appropriately authorised facility.
- 8.3 No waste shall be burnt within the boundaries of the facility. A fire at the facility shall be treated as an emergency and immediate action shall be taken to extinguish it and notify the appropriate authorities.
- 8.4 In the event of any occurrence which results in the closure of the waste facility, any waste arriving at the facility shall be directly transferred to an appropriate authorised facility until such time as the waste facility is returned to fully operational status. Such an occurrence will be treated as an emergency and rectified as soon as possible.

For Inspection Purposes only

CONDITION 9: CHARGES AND FINANCIAL PROVISIONS

Annual Charges

- 9.1 The permit holder shall pay to Louth County Council a monetary contribution as determined by the local authority to defray such costs as have been reasonably incurred by the local authority in inspecting, monitoring, auditing, enforcing or otherwise performing any functions under the Act in relation to the activity concerned and which costs shall not exceed the actual expenditure reasonably incurred by the local authority.
- 9.2 The amount of charges shall be notified to the permit holder on an annual basis, or from time to time as the local authority determines, and payment shall be made to Louth County Council within one month of any such notification.

Public Liability Insurance

- 9.3 The permit holder shall effect and maintain a public liability insurance policy to insure against any damage loss or injury which may occur to any property or to any person by or arising from the activity concerned or for remedial actions following anticipated events (including closure) or accidents/incidents as may be associated with the carrying on of the activity. Such insurance shall be for an amount which is at least equal to €6.5m.
- 9.4 All insurance policies shall be extended to **indemnify Louth County Council**. The permit will be automatically revoked if any part of the insurance is either removed or not renewed.
- 9.5 The permit holder shall submit a copy of insurance policies to Louth County Council within one month of the date of grant of this permit and **annually** thereafter following policy renewal.

Environmental Liabilities

- 9.6 The permit holder shall as part of the Annual Environmental Report, provide an annual statement to the satisfaction of Louth County Council as to the measures taken or adopted at the facility, in relation to the prevention of environmental damage, for remedial actions following closure/decommissioning or accidents/incidents, as may be associated with the carrying on of the activity. In meeting this requirement the permit holder shall have regard to the Environmental Protection Agency's Guidance on Assessing and Costing Environmental Liabilities (2014) and, as appropriate, Guidance on Environmental Liability Risk Assessment, Decommissioning Residuals Management Plans and Financial Provision (2006).

For Inspection Purposes only

CONDITION 10: RESTORATION AND AFTERCARE

Cessation of Operations

- 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 authorised activity, the permit holder shall, to the satisfaction of Louth County Council, decommission, render safe or remove for disposal or 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. The permit holder shall carry out such tests, investigation or submit certification, as requested by Louth County Council to confirm that there is no risk to the environment.
- 10.2 The applicants, their heirs or assigns, remain responsible in perpetuity for the proper and nuisance free operation of all drainage systems at the facility, and for ensuring that no pollution of surface or ground waters shall occur at any time as a result of the waste recovery operation.

For Inspection Purposes only

For Inspection Purposes only

SCHEDULES

For Inspection Purposes only

For Inspection Purposes only

SCHEDULE A: WASTE ACCEPTANCE**List of Waste (LoW) Code (EWC)**

16 01 03 end-of-life tyres

SCHEDULE B: EMISSION LIMITS**B1 Emissions to Air**

There shall be no fugitive emissions to air of environmental significance.

Emission limit values for dust recovery equipment shall be consistent with the use of Best Available Techniques (BAT) and shall be subject to the agreement of Louth County Council prior to the commencement of operations.

B2 Emissions to Water

There shall be no emissions to water of environmental significance

B3 Noise Emissions (Measured at the monitoring points indicated in Table C1)

- (i) 55 dB Leq, _{LT} (30 minutes) during the hours 07.00 - 19.00
- (ii) 50 dB Leq, _{LT} (30 minutes) during the hours 19.00 – 23.00
- (iii) 45 dB Leq, _{LT} (15-30 minutes) during the hours 23.00 – 07.00

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

B4 Dust Deposition Limits (Measured at the monitoring points indicated in Table C1)

Level 350 mg/m²/day

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

B5 Surface Water Discharge Limits (Measured at the monitoring points indicated in Table C1)

Parameter	Emission Limit Value
pH	6 – 9
Mineral oils	5 mg/l
BOD	25 mg/l
Suspended Solids	35 mg/l

SCHEDULE C: MONITORING**C1 Monitoring Locations** ^{Note 5}

Emission	Monitoring Location
Noise	N1, N2, N3 ^{Note 1}
Dust	D1, D2, D3, D4 ^{Note 2}
Surface water	S1 ^{Note 3}
Groundwater	GW1, GW2 ^{Note 4}
Dust filter exhaust	DF1,DF2 ^{Note 6}

Note 1: Three monitoring point locations (N1, N2 & N3) to be provided, in noise sensitive locations approved by Louth County Council.

Note 2: Four monitoring point locations (D1, D2, D3 & D4) to be provided, in locations approved by Louth County Council.

Note 3: One location (S1) to be provided on SW discharge pipe downstream of the oil separator, in a location approved by Louth County Council.

Note 4: Two monitoring point locations (GW1 & GW2) to be provided, in locations, one upstream and one downstream (with respect to the direction of groundwater flow), approved by Louth County Council.

Note 5: Unless otherwise agreed with, or required by, Louth County Council.

Note 6: Two monitoring point locations (DF1 & DF2) to be provided, at dust filter exhausts in locations approved by Louth County Council.

C2 Dust Monitoring Frequency and Techniques

Parameter (mg/m²/day)	Monitoring Frequency ^{Note 2}	Analysis Method/Technique
Dust	Quarterly	Standard Method ^{Note 1}
Dust filter exhausts	Quarterly	Standard Method ^{Note 1 & 2}

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: Unless otherwise agreed with, or required by, Louth County Council

C3 Noise Monitoring Frequency and Techniques

Parameter Method/Technique	Monitoring Frequency ^{Note 2}	Analysis
L(A) _{EQ} [30 minutes]	Annually	Standard ^{Note 1}
L(A) ₁₀ [30 minutes]	Annually	Standard ^{Note 1}
L(A) ₉₀ [30 minutes]	Annually	Standard ^{Note 1}
Frequency Analysis (1/3 Octave band analysis)	As may be required by Louth County Council	Standard ^{Note 1}

Note 1: "International Standards Organisation (ISO) 1996, Acoustics – Description and Measurement of Environmental Noise, Parts 1, 2 and 3".

Note 2: Unless otherwise agreed with, or required by, Louth County Council

C4 Surface Water Monitoring Frequency and Techniques

Parameter	Monitoring Frequency ^{Note 2}	Analysis Method/Technique
Visual Inspection	Daily	
pH	Semi-annually	Electrometry
Biological Oxygen Demand	Semi-annually	Standard Methods ^{Note 1}
Chemical Oxygen Demand	Semi-annually	Standard Methods ^{Note 1}
Electrical Conductivity	Semi-annually	Electrometry
Suspended Solids	Semi-annually	Standard Methods ^{Note 1}
Ammonia	N/A	Standard Methods ^{Note 1}
Mineral Oils	Semi-annually	Standard Methods ^{Note 1}

Note 1: "Standard Methods for the examination of Water and Wastewater", (prepared and published jointly by APHA, AWWA and WEF) 20th ED., American Public Health Association, 1015 Fifteenth Street, Washington DC 2005, USA.

Note 2: Unless otherwise agreed with, or required by, Louth County Council

C5 Groundwater Monitoring Frequency and Techniques

Parameter	Monitoring Frequency ^{Note 2}	Analysis Method/Technique
Ammonia	Annually	Standard Methods ^{Note 1}
Total Petroleum Hydrocarbons including mineral oils	Annually	Standard Methods ^{Note 1}

Note 1: "Standard Methods for the examination of Water and Wastewater", (prepared and published jointly by APHA, AWWA and WEF) 20th ED., American Public Health Association, 1015 Fifteenth Street, Washington DC 2005, USA.

Note 2: Unless otherwise agreed with in writing, or required by, Louth County Council.

For Inspection Purposes Only

SCHEDULE D : CONTENT OF THE ANNUAL ENVIRONMENTAL REPORT**Annual Environmental Report** ^{Note 1}

1. Reporting Period.
2. Waste activities carried out at the facility.
3. Quantity, in tonnes, and composition of waste recovered, received and disposed of during the reporting period and each previous year (relevant List of Waste codes to be used).
4. Summary report of emissions.
5. Summary of results and interpretations of environmental monitoring, including a location plan of all monitoring locations.
6. Development/infrastructural works in place and planned to process waste quantities projected for the following year (including plant operating capacity, provision of adequate standby capacity and provision of contingency, backup and spares in case of breakdown).
7. Full title and a written summary of any procedures developed by the permit holder in the year which relates to the facility operation.
8. Tank, drum, pipeline and bund testing and inspection report.
9. Reported incidents and complaints summaries.
10. Review of nuisance controls.
11. Any court order or conviction under the Act.
12. Schedule of environmental improvements at the facility for the report year.
13. Reports on management and staffing structure of the facility.
14. Volume of wastewater produced and volume of wastewater transported off-site.
- 15 A report on the contribution by this facility to the achievement of the recovery targets stated in national and European Union waste policies and shall include the following:
 - (i) the separation of recyclable materials from the waste;
 - (ii) the recovery of Construction and Demolition Waste;
 - (iii) the recovery of metal waste and WEEE;
 - (iv) a statement on the contribution of the facility to the achievement of targets for the reduction of biodegradable waste to landfill as specified in the Landfill Directive.
- 16 Statement of measures in relation to prevention of environmental damage and remedial actions (Environmental Liabilities).
- 16 Any other items specified by Louth County Council.

Note 1: Content to be revised subject to the agreement of the local authority after cessation of waste acceptance at the facility.

For Inspection Purposes only

Please note: Appendices are subject to change.