

# **Variation Notice with introductory note**

## **The Pollution Prevention and Control (Industrial Emissions) Regulations (Northern Ireland) 2013**

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**Enva Northern Ireland Limited**  
The Old Mill  
Drumaness  
BALLYNAHINCH  
County Down  
BT24 8LS

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### **Permit number**

P0158 / 07A

### **Variation Notice Number**

P0158 / 07A / V1

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# **ENVA Northern Ireland Limited (Drumaness)**

## **Variation Notice Number P0158 / 07A / V1**

### **Introductory note**

***This introductory note does not form a part of the Permit***

The following Notice is issued under Regulation 19 (Variation of Conditions) of the Pollution Prevention and Control (Industrial Emissions) Regulations (Northern Ireland) 2013 ("the Regulations") to vary the conditions of a Permit issued under those Regulations to operate an installation carrying out one or more of the activities listed in Part 1 to Schedule 1 of those Regulations. The Notice comprises a Schedule containing conditions to be deleted, amended and/or added.

The Notice includes conditions that have to be complied with. It should be noted that aspects of the operation of the installation which are not regulated by those conditions are subject to the condition implied by Regulation 12(9) of the Regulations, that the Operator shall use the best available techniques for preventing or, where that is not practicable, reducing emissions from the installation.

Techniques include both the technology used and the way in which the installation is designed, built, maintained, operated and decommissioned.

The enforcing authority for Part A installations in Northern Ireland is the Chief Inspector. Under Regulation 8(4) any function of the Chief Inspector may be delegated to any other Inspector appointed by the Department of the Environment and references to the Chief Inspector should be interpreted accordingly.

The Chief Inspector has assigned responsibility for specified waste management activities to NIEA Regulation Unit.

**The main features of the installation are as follows.**

The installation occupies approximately 40,000 sqft of the Old Drumaness Mill and is located at Grid Reference J 39630 48518 (X: 339630, Y: 348518). The installation is owned and operated by Enva Northern Ireland Limited. The nearest residential area is located 20m from the northern boundary of the site.

The installation is a transfer and treatment site for waste oils.

A number of different waste oils are accepted at the installation and transferred into bulk storage tanks. The waste oils are then processed at high temperatures using steam and demulsifying chemicals to separate the oil and water fractions. The oil is then further processed using a combination of centrifuge and filters. The oil is finally blended with other batches to meet the required quality standard before being transferred offsite.

The site is served by a gas boiler (rated thermal input <20MW) which raises steam to be used in the processing of oil.

There are three point source emissions from the installation,

- The emission point to air from the boiler plant.
- The emissions of surface water via an interceptor
- The emissions from a VOC abatement unit (Biotrickling Unit).

Effluent (wastewater) formed as part of the processing of waste oil is stored in bulk tanker prior to disposal offsite. The wastewater is disposed of via road tanker to Duncrue Street Waste Water Treatment Works, Belfast. The operator holds a trade discharge consent for the activity.

Noise emissions are assessed to be insignificant.

Minimal quantities of waste are generated at the installation.

The installation has an adequate working plan and has an Environmental Management System accredited to ISO14001 and OHASAS 18001. The installation is managed by persons with suitable WAMITAB qualifications.

Status Log of the Permit		
Holder	Date	Response Date
PPC Application	19 January 2007	
Schedule 4 Notice	21 May 2007	08 June 2007
Schedule 4 Notice	27 July 2007	05 August 2007
Permit Determined	15 October 2007	
Permit Variation P0158/07/V1 determined	26 March 2018	

Other existing Licences/Authorised/Regulations relating to this site			
Holder	Reference Number	Date of issue	Date of expiry
Waste Management Licence	WDL/21	29 August 1996	
Trade Effluent (Tankered)	Monitored by NI Water		
Discharge Consent	TC 104/95	02 September 2004	07 October 2011

## **Talking to us**

This Notice is issued by the Regulation Unit of the Northern Ireland Environment Agency. We can be contacted on the telephone using the telephone number 028 9056 9747.

The Operator should use the Emergency Hotline telephone number (0800 80 70 60) to notify of any accident which has caused or has the potential to cause water pollution.

## **Confidentiality**

This Notice requires the Operator to provide information to the Chief Inspector. We will place the information onto the public registers in accordance with the requirements of the Regulations. If the Operator considers that any information provided is commercially confidential, they may apply to the Chief Inspector to have such information withheld from the register as provided in the Regulations. To enable us to determine whether the information is commercially confidential, the Operator should clearly identify the information in question and should specify clear and precise reasons.

**End of Introductory Note**

# Permit

Pollution Prevention and Control (Industrial Emissions) Regulations (Northern Ireland) 2013

## Variation Notice

Variation Notice Number

**P0158 / 07A / V1**

The Chief Inspector in exercise of his powers under Regulation 19 of the Pollution Prevention and Control (Industrial Emissions) Regulations (Northern Ireland) 2013 hereby varies Permit Number P0158 / 07A as held by;

**Enva Northern Ireland Limited** ("the Operator")

whose Registered Office is

**1 Cloonagh Road**

**Downpatrick**

**County Down**

**BT30 6LJ**

Company Registration Number: **NI 17996**

to operate or part of an installation at

**The Old Mill**

**Drumaness**

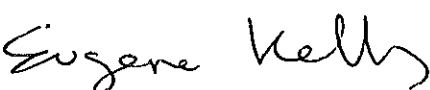
**BALLYNAHINCH**

**County Down**

**BT24 8LS**

to the extent authorised by and subject to the conditions in the Schedule to this Notice

This Notice shall take effect from **26 March 2018**

Signed	Date
	26 MARCH 2018

**Eugene Kelly**

Authorised to sign on behalf of the Chief Inspector

# **VARIATION NOTICE**

## **SCHEDULE 1 - CONDITIONS TO BE DELETED**

1. All existing Conditions for Permit P0158 / 07A

## **SCHEDULE 2 - CONDITIONS TO BE ADDED**

2. The following conditions to be added.

# CONDITIONS

## 1. Management

### 1.1 General management

- 1.1.1 The operator shall manage and operate the activities in accordance with a Site Specific Management Plan (The Management Plan), agreed by the Chief Inspector, that shall detail the operational procedures to be used to manage the Activities at the Site.

The Management Plan shall include (but not limited to) the following:

- Site infrastructure
- Site management and control procedures
- Waste acceptance procedures
- Waste rejection and quarantine procedures
- Waste deposit, storage and transfer procedures
- Emergency/incident procedures
- Environmental monitoring techniques and procedures
- Odour and odorous waste monitoring and management procedures
- Noise and vibration monitoring and management procedures
- Surface water monitoring and management procedures
- Detail measures to prevent emissions to soil and groundwater
- Dusts and particulates monitoring and management procedures
- Pests monitoring and management procedures
- Site closure management procedures

- 1.1.2 The Activities shall, subject to the conditions of this permit, be managed and operated:
- (a) using the techniques and in the manner described in the Management Plan provided and agreed in accordance with condition 1.1.1, unless otherwise agreed in writing by the Chief Inspector; and
  - (b) by sufficient persons who are technically competent in respect of the responsibilities to be undertaken by them in connection with the operation of the Activities.

- 1.1.3 Any proposed changes by the Operator to the Management Plan shall be submitted in writing by Recorded Delivery to the Chief Inspector. The Management Plan shall only be amended in accordance with the proposed change(s) if, and to the extent that, either;
- (a) the Chief Inspector gives written consent to the proposed change(s), or
  - (b) the Chief Inspector has not indicated in writing within 28 days of the proposed change(s) that the proposed change(s) are rejected.

- 1.1.4 Records demonstrating compliance with condition 1.1.2 shall be maintained.
- 1.1.5 Any person having duties that are or may be affected by the matters set out in this Permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.
- 1.1.6 The Operator shall undertake a daily inspection of the site for compliance with the conditions of this Permit. The inspection shall include, but not be limited to:
- (a) Site boundary and security measures;
  - (b) Site infrastructure;
  - (c) Fugitive emissions;
  - (d) Odour;
  - (e) Noise and vibration;
  - (f) Birds, vermin and insects;
  - (g) Litter.
- 1.1.7 A record shall be kept of each inspection undertaken in accordance with condition 1.1.6, including the following details:
- (a) Date and start and finish times of inspection;
  - (b) Person(s) carrying out the inspection;
  - (c) Areas of non-compliance identified;
  - (d) Actions taken or to be taken to rectify any non-compliance, including timescales.

## **1.2 Breach of permit conditions**

- 1.2.1 In the event that a breach of any permit condition poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the Operator shall immediately suspend the operation of the installation or the relevant part of it until compliance with permit conditions has been restored.
- 1.2.2 In the event of a breach of any permit condition, the Operator shall inform the Chief Inspector immediately using the means referred to in condition 5.3.2 and take the measures necessary to ensure that compliance is restored within the shortest possible time.

## **1.3 Accidents that may cause pollution**

- 1.3.1 The Operator shall:
- (a) maintain and implement an accident management plan;
  - (b) review and record at least every 4 years or as soon as practicable after an accident, (whichever is the earlier) whether changes to the plan should be made;
  - (c) make any appropriate changes to the plan identified by a review.
- 1.3.2 The Operator shall inform the Chief Inspector, immediately, of any accident which has caused, is causing

or has the potential to cause significant pollution and to immediately take all appropriate measures to limit the environmental consequences and to prevent further possible accidents.

## **1.4 Finance**

- 1.4.1 The Operator shall make adequate financial provision which has been agreed with the Chief Inspector. This financial provision shall be maintained by the Operator throughout the subsistence of this Permit and the Operator shall produce evidence of such provision whenever required by the Chief Inspector.

## **1.5 Energy efficiency**

- 1.5.1 The Operator shall:
- (a) take appropriate measures to ensure that energy is used efficiently in the Activities;
  - (b) review and record at least every 4 years whether there are suitable opportunities to improve the energy efficiency of the Activities; and
  - (c) implement any appropriate measures identified by a review.

## **1.6 Avoidance, recovery and disposal of wastes produced by the activities**

- 1.6.1 The operator shall take appropriate measures to ensure that:
- (a) The waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
  - (b) Any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and
  - (c) Where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.
- 1.6.2 The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

## **1.7 Efficient use of raw materials**

- 1.7.1 The Operator shall:
- (a) Take appropriate measures to ensure that raw materials and water are used efficiently in the Activities;
  - (b) maintain records of raw materials and water used in the Activities;
  - (c) review and record at least every 4 years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
  - (d) take any appropriate further measures identified by a review.

## **1.8 Site security**

- 1.8.1 Site security measures shall prevent unauthorised access to the Site, as far as practicable.

## **1.9 Multiple operator installations**

1.9.1 This is not a multi operator installation.

## **2. Operations**

### **2.1 Permitted activities**

- 2.1.1 The Operator is authorised to carry out the activities specified in Schedule 1 Table S1.1 (the "Activities") at the Permitted Installation to which this permit applies.
- 2.1.2 For the following activities referenced in schedule 1, Table S1.1, waste authorised by this permit shall be clearly distinguished from any other waste on the site.
- 2.1.3 Hazardous waste storage and treatment
- (a) Hazardous waste shall not be mixed, either with a different category of hazardous waste or with other waste, substances or materials, unless it is authorised by schedule 1 table S1.1 and in accordance with The Management Plan.

### **2.2 The site**

- 2.2.1 The Activities shall not extend beyond the site of the Permitted Installation ("the Site"), being the land shown edged in red on the Site Plan in Schedule 2 to this Permit.

### **2.3 Off-site conditions**

- 2.3.1 There are no off-site conditions.

### **2.4 Commencement**

- 2.4.1 No condition applies.

### **2.5 Pre-operation Conditions**

- 2.5.1 There are no pre-operating conditions.

### **2.6 Improvement programme**

- 2.6.1 There are no improvement conditions

### **2.7 Engineering**

- 2.7.1 No construction of any Site Infrastructure shall commence until the Operator has submitted Construction Proposals, including a CQA Plan and the Chief Inspector has acknowledged and confirmed that he is satisfied with the Construction Proposals and CQA Plan.
- 2.7.2 The construction of any Site Infrastructure shall take place only in accordance with the approved Construction Proposals unless:
- (a) any change to the approved Construction Proposals would have no impact on the performance of any element of the design; or

- (b) a change has otherwise been agreed in writing by the Chief Inspector.
- 2.7.3 New Site Infrastructure shall not come into operation until the Operator has submitted a CQA Validation Report and the Chief Inspector has confirmed that he is satisfied with the CQA Validation Report.
- 2.7.4 The construction of new Site Infrastructure shall take place only in accordance with the approved Construction Proposals unless:
  - (a) any change to the approved Construction Proposals would have no impact on the performance of any element of the design; or
  - (b) a change has otherwise been agreed in writing by the Chief Inspector.
- 2.7.5 The Operator shall submit a CQA Validation Report as soon as practicable following the construction of the relevant site Infrastructure.
- 2.7.6 For the purposes of conditions 2.7.3, 2.7.4 and 2.7.5, the Chief Inspector shall be deemed to be satisfied where he has not, within the period of 4 weeks from the date of receipt of the relevant Construction Proposals or CQA Validation Report, either:
  - (a) confirmed whether or not he is satisfied; or
  - (b) informed the Operator that he requires further information.

## **2.8 Waste acceptance**

- 2.8.1 Wastes shall only be accepted if:
  - (a) It is of a type listed in Schedule 3, Table S3.1, and
  - (b) It conforms to the description in the documentation supplied by the producer and holder.
- 2.8.2 Records shall be maintained of all waste accepted onto the site.
- 2.8.3 The quantity of waste that is accepted at the facility in any year shall not exceed the limits in Schedule 1 Table S1.2.
- 2.8.4 Where acceptance of waste is refused, the Operator shall comply with the procedures outlined in the Site Specific Management Plan detailed in Condition 1.1.1 and will notify the Chief Inspector by telephone immediately and in writing within seven days of refusing acceptance
- 2.8.5 Separately collected food waste shall not be mixed with any other waste or material, to the extent that mixing would hamper future recycling.

## **2.9 Closure, aftercare and decommissioning**

- 2.9.1 The Operator shall maintain and operate the Activities so as to prevent or where that is not practicable, to minimise, any pollution risk on closure and decommissioning.

- 2.9.2 The Operator shall maintain a Site Closure Plan which demonstrates how the Activities can be decommissioned to avoid any pollution risk and return the site of operation to a satisfactory state.
- 2.9.3 The Operator shall carry out and record a review of the Site Closure Plan at least every 4 years.
- 2.9.4 The Site Closure Plan (or relevant part thereof) shall be implemented on final cessation or decommissioning of the Activities or part thereof.

## **2.10 System for the protection of soil and groundwater**

- 2.10.1 The Operator shall carry out monitoring of the condition of groundwater and soil and compare with the measurements in the baseline report (or previous application site report), at least every 5 years for groundwater and every 10 years for soil unless such monitoring is based on a systematic appraisal of the risk of contamination.
- 2.10.2 Where the Operator has made an acceptable case that a baseline report is not required at the application stage, a review of this conclusion is required at least every 5 years.

## **2.11 Operating techniques**

- 2.11.1 The Activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in the Site Specific Management Plan.

## **3. Site Infrastructure**

### **3.1 Noticeboards**

3.1.1 A notice board of durable material and finish shall be displayed at the entrance to the Site. The notice board shall contain the following information, which shall be legible from outwith the boundary of the Site:-

- the Site name, address and PPC number;
- the Site Operator's name;
- the Site opening times;
- emergency contact telephone number for the Operator; and
- telephone number of the NIEA Regulation Unit

### **3.2 Waste storage**

3.2.1 Wastes shall be stored in a manner which prevents pollution and harm to the environment.

### **3.3 Waste Oils**

3.3.1 Waste oils shall be stored in a manner to ensure the following;

- (a) Waste oils having different characteristics are not mixed; and
- (b) Waste oils are not mixed with other kinds of waste or substances, if mixing would impede their treatment

### **3.4 Liquid storage**

3.4.1 All containers used to store any liquids whose emission to water or land could cause pollution within the Permitted Installation shall be located in a bund. The minimum capacity of any bund shall be either 110% of the capacity of the largest container, or 25% of the total capacity of all the containers within the bund, whichever is the greater. In the event of any containers being connected to one another, they shall be treated as one container.

3.4.2 The bunded area(s) and containers shall conform to the following standards:

- (a) the walls and base of the bund shall be impermeable;
- (b) the base shall drain to a sump;
- (c) when not in use all taps, valves, pipes and every part of each container shall be located within the area served by the bund;
- (d) vent pipes shall be directed downwards into the bund;
- (e) no part of the bund shall be within 10 metres of a watercourse; and
- (f) all containers with a design capacity above 1000 litres shall be fitted with a device for continuously monitoring the level of the contents.

3.4.3 The accumulation of rainwater, spillages or leaks shall be managed to ensure that at least 95% of the capacity of the bund is free of liquid.

## **4. Emissions and monitoring**

### **4.1 Emissions to water, air or land**

- 4.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in Tables S4.1 and S4.3 of Schedule 4.
- 4.1.2 The limits given in that Schedule shall not be exceeded, save that compliance with an emission limit shall include incorporation of the uncertainty allowance stated in Environment Agency guidance documents.

### **4.2 Transfers off-site**

- 4.2.1 Records of all the wastes sent off site from the activities, for either disposal or recovery, shall be maintained.

### **4.3 Fugitive emissions of substances**

- 4.3.1 Fugitive emissions of substances (excluding odour, noise and vibration) shall not cause pollution. The Operator shall not be taken to have breached this condition if appropriate measures have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 4.3.2 Litter or mud arising from the Activities shall not cause pollution. The Operator shall not be taken to have breached this condition if appropriate measures have been used to prevent or where that is not practicable to minimise, the litter and mud.
- 4.3.3 Litter or mud arising from the Activities shall be cleared from affected areas outside the Site as soon as practicable.
- 4.3.4 All liquids, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the Operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

### **4.4 Odour**

- 4.4.1 Emissions from the activities shall be free from odour at levels likely to cause annoyance outside the site, as perceived by an Authorised Officer of the Chief Inspector, unless the Operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise odour.

## **4.5 Noise and vibration**

- 4.5.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause annoyance outside the Site, as perceived by an Authorised Officer of the Chief Inspector, unless the Operator has used appropriate measures to prevent or where that is not practicable to minimise the noise and vibration.

## **4.6 Monitoring**

- 4.6.1 The Operator shall, unless otherwise agreed in writing by the Chief Inspector, undertake monitoring for the parameters, at the locations and at not less than the frequencies specified in the following tables in Schedule 4 to this Permit:
- (a) Point Source Emissions to Air Table S4.1
  - (b) Ambient air monitoring requirements Table S4.2
  - (c) Discharges to Surface Water Table S4.3
- 4.6.2 The Operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.
- 4.6.3 Monitoring equipment, personnel and organisations employed for the emissions monitoring programme outlined in Table S4.1 of this permit shall be covered by;
- (a) MCERTS certification or accreditation where available; or
  - (b) Other certification/accreditation from bodies/organisations that are acceptable to the Chief Inspector

Unless otherwise agreed in writing with the Chief Inspector.

## 5. Information

### 5.1 Records

5.1.1 All records required to be made by this Permit shall:

- i. be legible;
- ii. be made as soon as reasonably practicable;
- iii. if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
- iv. be retained, unless otherwise agreed in writing by the Chief Inspector, for at least 6 years from the date when the records were made, or in the case of the following records until Permit surrender:
  - the results of groundwater monitoring;
  - the results of soil and groundwater monitoring referred to in condition 2.10

5.1.2. Any records required to be made by this permit shall be supplied to the Chief Inspector within 14 days where the records have been requested in writing by the Chief Inspector.

5.1.3 All records required to be held by this permit shall be held on site and shall be available for inspection by the Chief Inspector at any reasonable time.

### 5.2 Reporting

5.2.1 A report or reports on the performance of the Activities over the previous year shall be submitted to the Chief Inspector by **end of February** (or other date agreed in writing by the Chief Inspector) each year. The report(s) shall include as a minimum:

- (a) a review of the results of the monitoring and assessment carried out in accordance with this Permit against the relevant assumptions, parameters and results in the risk assessments submitted with the Application;
- (b) where the Operator's Management Plan encompasses annual improvement targets, a summary report of the previous year's progress against such targets;
- (c) the energy consumed at the Site, reported in the format set out in Schedule 5 Table S5.2;
- (d) the water consumed at the Site, reported in the format set out in Schedule 5 Table S5.2;
- (e) the annual production/treatment set out in Schedule 5 Table S5.2; and
- (f) details of any contamination or decontamination of the Site which has occurred;

5.2.2 Within 28 days of the end of the reporting period the Operator shall, unless otherwise agreed in writing by the Chief Inspector, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:

- (a) in respect of the parameters and emission points specified in Table S5.1 of Schedule 5;
- (b) for the reporting periods specified in Table S5.1 of Schedule 5.

- 5.2.3 All reports and notifications required by the permit shall be sent to the Chief Inspector using the contact details supplied in writing by the Chief Inspector
- 5.2.4 A summary report of the waste types and quantities accepted and removed from the site shall be made for each quarter. It shall be submitted to the Chief Inspector within one month of the end of the quarter and shall be in the format required by the Chief Inspector.
- 5.2.5 The Operator shall, unless notice under this condition has been served within the preceding 4 years, submit to the Chief Inspector, within 6 months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.
- 5.2.6 The results of reviews and any changes made to soil and groundwater monitoring referred to in condition 2.11.2 shall be reported to the Chief Inspector, within 1 month of the review or change.
- 5.2.7 The Operator shall complete a Pollution Inventory Reporting Form in respect of the Permitted Installation during the previous year in accordance with the instructions and definitions included in the Form and submit the completed Form to the Chief Inspector by 31 January each year.

## **5.3 Notifications**

- 5.3.1 The Chief Inspector shall be notified without delay following the detection of:
- (a) any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution;
  - (b) the breach of a limit specified in the Permit;
  - (c) the breach of a permit condition; and
  - (d) any significant adverse environmental effects.
- 5.3.2 Any information provided under condition 5.3.1 shall be confirmed by sending the information listed in Schedule 6 to this Permit within the time period specified in that schedule.
- 5.3.3. Prior written notification shall be given to the Chief Inspector of the following events and in the specified timescales:
- (a) as soon as practicable prior to the permanent cessation of any of the permitted activities;
  - (b) as soon as practicable prior to the cessation of the activities, for a period likely to exceed 1 month; and
  - (c) at least 7 days prior to the resumption of the activities after a cessation notified under (b) above.
- 5.3.4 The Chief Inspector shall be given at least 14 days notice before implementing any part of the Site Closure Plan.

- 5.3.5 Where the Chief Inspector has requested in writing that he shall be notified when the Operator is to undertake monitoring and/or spot sampling, the Operator shall inform the Chief Inspector when the relevant monitoring is to take place. The Operator shall provide this information to the Chief Inspector at least 14 days before the date the monitoring is to be undertaken.
- 5.3.6 The Chief Inspector shall be notified within 7 days of any changes in technically competent management and the name of any incoming person together with evidence that such person has the required technical competence.
- 5.3.7 The Chief Inspector shall be provided, within 14 days of the Operator or any relevant person being convicted of a relevant offence, (unless such information has already been notified to the Chief Inspector), with details of the nature of the offence, the place and date of conviction, and the sentence imposed.
- 5.3.8 The Chief Inspector shall be notified within 14 days of the Operator and/or any relevant person lodging an appeal against a conviction for any relevant offence and of the outcome when the appeal is decided.
- 5.3.9 The Chief Inspector shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:
- (a) any change in the Operator's trading name, registered name or registered office address;
  - (b) any change to particulars of the Operator's ultimate holding company (including details of an ultimate holding company where an Operator has become a subsidiary); and
  - (c) any steps taken with a view to the Operator going into administration, entering into a company voluntary arrangement or being wound up.

## **5.4 Interpretation**

- 5.4.1 In this Permit the expressions listed in Schedule 7 shall have the meaning given in that schedule.

# Schedule 1 - Operations

**Table S1.1 Activities**

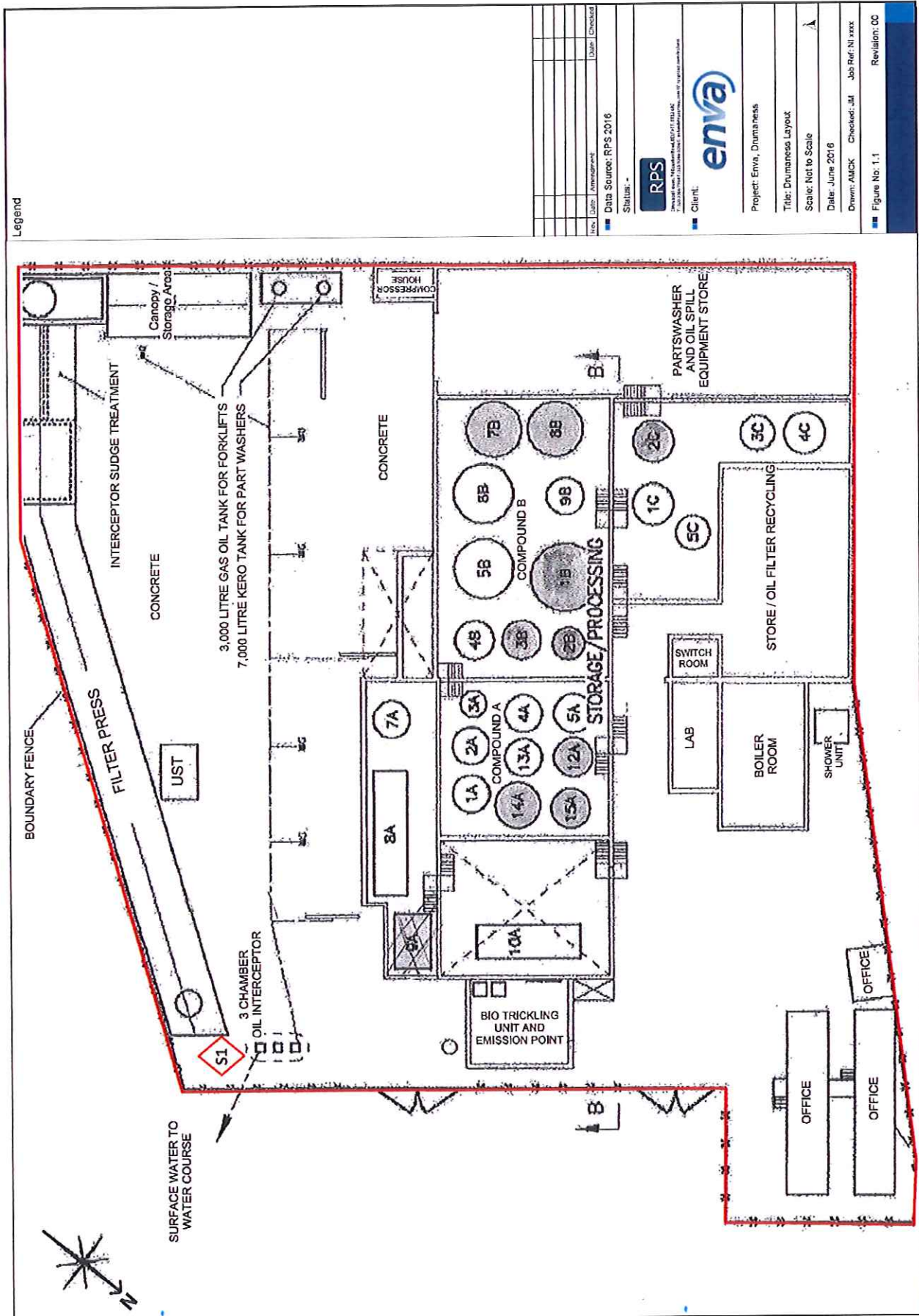
Activity listed in Schedule 1 of the PPC Regulations	Description of specified activity	Limits of specified activity
<p><b>Section 5.3 Part A (a) ii</b> Disposal or recovery of hazardous waste other than by incineration or landfill.</p> <p>Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving the following activity:</p> <p>(ii) Physico-chemical treatment</p>	<p>Recovery of waste mineral and hydraulic oil</p> <p>Treatment of oily wastes prior to offsite disposal</p>	<p>From receipt of waste as specified in Schedule 3 to the dispatch for recovery or disposal including the storage of wastes arising from treatment.</p> <p>Maximum storage time of 6 months from date of receipt for any waste.</p> <p>Wastes must only be stored in the areas identified in Schedule 2.</p>
<p><b>Section 5.5 Part A (a)</b> Temporary and underground storage of waste.</p> <p>Temporary storage of hazardous waste not covered under section 5.2 pending any of the activities listed in sections 5.1, 5.2, 5.3 and paragraph (b) of this section with a total capacity exceeding 50 tonnes, excluding temporary storage, pending collection, on the site where the waste is generated.</p>	<p>Storage of solid wastes prior to offsite disposal</p> <p>Storage of waste liquid prior to offsite tanker disposal – The storage of contaminated water from the filter press in bulk tanker prior to offsite tanker disposal</p>	<p>From receipt of waste as specified in Schedule 3 to the storage and dispatch of wastes for recovery or disposal.</p> <p>Maximum storage time of 6 months from date of receipt for any waste.</p> <p>Wastes must only be stored in the areas identified in Schedule 2.</p>
<b>Directly Associated Activity</b>		
1	Crushing of metal packaging and oil filters for offsite recycling	Contaminated oil filters processed in filter crusher and metal drums in the barrel crusher
2	Shredding of empty plastic packaging for offsite recycling	Plastic waste drums washed and shredded
3	Drainage systems (Final effluent storage)	Site drainage and foul drainage systems including an interceptor
4	Production of steam	Production of steam in a boiler with a net rated thermal input of <20MW
5	Services systems	Utility systems including compressed air and electricity
		Crushing metal packaging and oil filters must only be carried out in areas identified in Schedule 2.
		Shredding of empty plastic packaging must only be carried out in areas identified in Schedule 2.
		Handling and storage of site drainage and effluent in site interceptor until discharge off site
		Production of steam for use in processing operations within the installation boundary
		Utility and Services systems within the installation boundary

Table S1.2 Annual Waste Input Limits	
Category	Limit Tonnes / Year
Hazardous Waste - Solid	1,700 Tonnes
Hazardous Waste – Liquid and Sludge	14,300 Tonnes
Total Hazardous Waste (Assuming liquid density of 1.5t/m <sup>3</sup> )	16,000 Tonnes

Excluding the following types of waste:

- HP1 – Explosive
- HP9 – Infectious
- Any radioactive waste that requires authorised disposal
- Organic peroxides
- Compressed gases

## Schedule 2 - Site Plan



## Schedule 3 - List of permitted wastes

**Table S3.1 Permitted waste types and quantities for storage and treatment of oil / water / solid wastes**

European Waste Catalogue Code	Description including physical form.
11	WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER METATERIALS; NON-FERROUS HYDROMETALLURGY
11 01	Waste from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphating, alkaline degreasing, anodizing)
12	WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS
12 01	Wastes from shaping and physical and mechanical surface treatment of metals and plastics
12 01 09 *	machining emulsions and solutions free of halogens
13	Oil Wastes and Wastes of Liquid Fuels (except edible oils, and those in chapters 05, 12 and 19)
13 01	waste hydraulic oils
13 01 01 *	hydraulic oils, containing PCBs <sup>1</sup>
13 01 04 *	chlorinated emulsions
13 01 05 *	non-chlorinated emulsions
13 01 09 *	mineral-based chlorinated hydraulic oils
13 01 10 *	mineral-based non-chlorinated hydraulic oils
13 01 11 *	synthetic hydraulic oils
13 01 12 *	readily biodegradable hydraulic oils
13 01 13 *	other hydraulic oils
13 02	waste engine, gear and lubricating oils
13 02 04 *	mineral-based chlorinated engine, gear and lubricating oils
13 02 05 *	mineral-based non-chlorinated engine, gear and lubricating oils
13 02 06 *	synthetic engine, gear and lubricating oils
13 02 07 *	readily biodegradable engine, gear and lubricating oils
13 02 08 *	other engine, gear and lubricating oils
13 03	waste insulating and heat transmission oils
13 03 01 *	insulating or heat transmission oils containing PCBs

13 03 06 *	mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01
13 03 07 *	mineral-based non-chlorinated insulating and heat transmission oils
13 03 08 *	synthetic insulating and heat transmission oils
13 03 09 *	readily biodegradable insulating and heat transmission oils
13 03 10 *	other insulating and heat transmission oils
13 04	Bilge oils
13 04 01 *	bilge oils from inland navigation
13 04 02 *	bilge oils from jetty sewers
13 04 03 *	bilge oils from other navigation
13 05	oil/water separator contents
13 05 01 *	solids from grit chambers and oil/water separators
13 05 02 *	sludges from oil/water separators
13 05 03 *	interceptor sludges
13 05 06 *	oil from oil/water separators
13 05 07 *	oily water from oil/water separators
13 05 08 *	mixtures of wastes from grit chambers and oil/water separators
13 07	wastes of liquid fuels
13 07 01 *	fuel oil and diesel
13 07 03 *	other fuels (including mixtures)
13 08	oil wastes not otherwise specified
13 08 01 *	desalter sludges or emulsions
13 08 02 *	other emulsions
13 08 99 *	wastes not otherwise specified
15	Waste Packaging; Absorbents, Wiping Cloths, Filter Materials and Protective Clothing not otherwise specified
15 01	packaging (including separately collected municipal packaging waste)

15 01 10 *	packaging containing residues of or contaminated by hazardous substances
15 02	absorbents, filter materials, wiping cloths and protective clothing
15 02 02 *	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by hazardous substances
16	Wastes not otherwise specified in the list
16 01	end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)
16 01 07 *	Oil filters
16 01 13 *	Brake fluids
16 01 14 *	antifreeze fluids containing hazardous substances
17	Construction and Demolition Wastes (including excavated soil from contaminated sites)
17 03	bituminous mixtures, coal tar and tarred products
17 03 01 *	bituminous mixtures containing coal tar
20	Municipal Wastes (Household waste and similar commercial, industrial and institutional wastes) Including separately collected fractions
20 01	separately collected fractions (except 15 01)
20 01 25	edible oil and fat

## Schedule 4 – Emissions and monitoring

Table S4.1 Point Source Emissions to Air					
Emission point Ref. & Location	Source	Parameter	Limit (including unit)	Monitoring Frequency	Monitoring Standard or Method
VOC Abatement Unit (Biotrickling Unit)	VOC Abatement Unit - Outlet	Flow Rate	1000 Nm <sup>3</sup> /hr	Annually During normal operations	EN 16911:2013
		TOC as C	<150 mgC/Nm <sup>3</sup>		EN 12619:2013
		TALuft* Class 3 organics	<150 mg/Nm <sup>3</sup> (or mass flow of less than 3 kg/hr if 150 mg/Nm <sup>3</sup> over the limit mass limit applies)		EN 13649:2002
		VOCs	60 mg/m <sup>3</sup>		MDHS 72, EA M16, EN 13649
		Removal Efficiency	To be proposed and agreed by the Chief Inspector		To be proposed and agreed by the Chief Inspector
Boiler Stack	Point source emission to air from boiler plant	SO <sub>2</sub>	1000 mg/Nm <sup>3</sup>	Annually During normal operations	BS 6069-4
		CO	100 mg/Nm <sup>3</sup>		BS EN 15058:2017
		NO <sub>x</sub>	900 mg/Nm <sup>3</sup>		BS EN 14792:2017 or ISO 10849:1996
		Total Particulate	200 mg/Nm <sup>3</sup>		BS EN 13284-2:2017
		Temperature	To be proposed and agreed by the Chief Inspector		BS 845
		Velocity	To be proposed and agreed by the Chief Inspector		BS EN 13284, Pitot tube

\*Technische Anleitung zur Reinhaltung der Luft (Technical Instructions on Air Quality Control – German)

**Table S4.2 Ambient air monitoring requirements**

Emission point Ref. & Location	Source	Parameter	Limit (including unit)	Monitoring Frequency	Monitoring Standard or Method
On the site boundary, downwind of operations	During normal operations	Odour	-	Daily	Olfactory. To be recorded as per requirements of OMP

**Table S4.3 Surface Water monitoring requirements**

Emission point Ref. & Location	Source	Parameter	Limit (including unit)	Monitoring Frequency	Monitoring Standard or Method
Surface Water discharging at point 'S1' <i>(Refer to Schedule 2- Site Plan)</i>	Interceptor site discharge point - 'S1'	Suspended Solids	50 mg/l	Monthly Spot samples  During normal operations	BS EN 872
		COD	150 mg/l		BS 6068
		pH	No less than 6 No greater than 9		ISO 10523
		Other substances toxic to fish and aquatic organisms	Nil		To be proposed and agreed by the Chief Inspector
		Visible Oil & Grease (VOG)	Nil		Visual Assessment

**Table S4.4 Point Source Emissions to Ground Water**

Emission point Ref. & Location	Source	Parameter	Limit (including unit)	Monitoring Frequency	Monitoring Standard or Method
<p>There are no point source emissions to ground water.</p> <p>Site is engineered to control fugitive emissions to groundwater</p>					

## Schedule 5 - Reporting

Parameters, for which reports shall be made, in accordance with conditions of this Permit, are listed below.

**Table S5.1 Reporting of monitoring data**

Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Point source emissions to air as required by Condition 4.7.1	VOC Abatement Unit (Biotrickling Unit)	Annually	From date of Permit issue
Point source emissions to air as required by Condition 4.7.1	Boiler Stack	Annually	From date of Permit issue
Discharges to surface water as required by Condition 4.7.1	Interceptor site discharge point - 'S1'	Quarterly	From date of Permit issue
Ambient air monitoring as required by Condition 4.7.1	On the site boundary, downwind of operations	Available for inspection on request	From date of Permit issue

**Table S5.2 Performance Parameters**

Parameter	Frequency of assessment	Unit
Water usage	Annually	Cubic metres
Energy used	Annually	MW of electricity
Waste returns	Quarterly	Tonnes

## Schedule 6 - Notification

This page outlines the information that the Operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the Pollution Prevention and Control (Industrial Emissions) Regulations.

### Part A

Permit Number	P0158 / 07A
Name of Operator	Enva Northern Ireland Limited
Location of Installation	The Old Mill Drumaness BALLYNABHINCH County Down BT24 8LS
Time and date of the detection	

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution	
To be notified immediately following detection	
Date and Time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to limit the environmental consequences and prevent further possible incidents or accidents.	
Description of the failure or accident.	

<b>(b) Notification requirements for the breach of a limit</b>	
<b>To be notified within 24 hours of detection</b>	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

<b>(c) Notification requirements for the breach of a permit condition</b>	
<b>To be notified within 24 hours of detection</b>	
Condition reference	
Description of breach and effect on the environment	
Date and time of detection	
Measures taken, or intended to be taken, to restore compliance	

<b>(d) Notification requirements for the detection of any significant adverse environmental effect</b>	
<b>To be notified within 24 hours of detection</b>	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

**Part B to be supplied as soon as practicable**

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the installation in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

\* authorised to sign on behalf of Operator

## Schedule 7 - Interpretation

*"Accident"* means an accident that may result in pollution.

*"Application"* means the application for this permit or to vary any condition of this permit together with any response to any notice served under the Regulations and any operational change agreed under the conditions of this permit.

*"Annually"* means once every Year.

*"Application"* means the application for this Permit, together with any additional information supplied by the Operator as part of the application and any response to a notice served under Schedule 4 to the PPC Regulations

*"Authorised Officer"* means any person authorised by the Chief Inspector under Regulation 8 of the Pollution Prevention and Control (Industrial Emissions) Regulations 2013

*"BAT"* means Best Available Techniques, as defined in Regulation 3 of the Regulations.

*"Biannual"* means twice per year with at least five months between tests.

*"Chief Inspector"* means the person so appointed under Regulation 8 of the PPC Regulations.

*"Construction Proposals"* means written information, at a level of detail appropriate to the complexity and pollution risk, on the design, specifications of materials selected, stability assessment (where relevant) and the construction quality assurance (CQA) programme in relation to the site Infrastructure.

*"CQA Validation Report"* means the final "as built" construction and engineering details of Infrastructure. It must provide a comprehensive record of the construction and must include, where relevant:

- The results of all testing required by the CQA programme - this must include the records of any failed tests with a written explanation, details of the remedial action taken, referenced to the appropriate secondary testing;
- Plans showing the location of all tests;
- "As-built" plans and sections of the works;
- Copies of the site engineer's daily records;
- Records of any problems or non-compliances and the solution applied;
- Any other site specific information considered relevant to proving the integrity of the Infrastructure;
- Validation by a qualified person that all of the construction has been carried out in accordance with the Construction Proposals.

*"Fugitive emission"* means an emission to air, water or land from the Activities which is not controlled by an emission limit.

*"Groundwater"* means all water which is below the surface of the ground in the saturation zone and in direct contact with the soil and sub-soil.

*"Groundwater Regulations"* means the Groundwater Regulations (Northern Ireland) 2009, and words and expressions used in this Permit which are also used in the Regulations shall have the same meanings as in those Regulations.

*"Inspector"* means a person appointed under Regulation 8 of the Regulations.

*"No impact"* means that the change made to the construction process will not alter the agreed design criteria, specification or performance.

*"The Regulations"* means The Pollution, Prevention and Control (Industrial Emissions) Regulations (Northern Ireland) 2013 and words and expressions used in this Permit which are also used in the Regulations have the same meanings as in those Regulations.

*"Quarter"* means a calendar year quarter commencing on 1 January.

*"Relevant person"* and *"relevant offence"* shall have the meanings given to them in the Waste and Contaminated Land (Northern Ireland) Order 1997

*"Review of the Hydrogeological Risk Assessment"* means a written review of the hydrogeological risk assessment included in the Application, together with any other parts of the Application that addressed the requirements of the Groundwater Regulations. The review shall assess whether the activities of disposal or tipping for the purpose of disposal of waste authorised by the Permit continue to meet the requirements of the Groundwater Regulations

*"Technically competent management"* and *"technical competence"* shall have the meanings given to them in the Waste and Contaminated Land (Northern Ireland) Order 1997.

*"Year"* means calendar year ending 31 December.

Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

**END OF PERMIT**