

## Permit with introductory note

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

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Enva Northern Ireland Limited

Toome Refrigeration and WEEE  
Treatment Facility  
52 Creagh Road  
Toombridge  
County Antrim  
BT41 3SE

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**Permit number**  
P0529/15A/T1

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# Toome Refrigeration and WEEE Treatment Facility

## Permit Number P0529/15A/T1

### Introductory note

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

The following Permit is issued under Regulation 10 of the Pollution Prevention and Control (Industrial Emissions) Regulations (Northern Ireland) 2013 ("the Regulations") to operate an installation carrying out one or more of the activities listed in Part 1 to Schedule 1 of those Regulations, to the extent authorised by the permit.

The Permit 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 Waste Management.

#### **Brief description of the installation regulated by this permit**

Toome Refrigeration and WEEE Facility is considered to be a specified waste management activity under the Regulations. The relevant activity is Schedule 1 Section 5.3 Part A (a) (ii) the disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physio-chemical treatment.

The site is located at 52 Creagh Road Toomebridge Co. Antrim. Irish Grid Ref: IH 2964 3903. Clearcircle, trading as Glassdon Recycling (Glassdon), operated a waste management facility at the Creagh Road site since 2000, notably a large mixed glass processing facility. The introduction of the Pollution Prevention and Control (Industrial Emissions) Regulations (Northern Ireland) 2013 resulted in the operator requiring a PPC Permit for the site and in October 2015 a permit application was received for Clearcircle Environmental NI Ltd trading as TechRec NI with Company Registration Number 06180804. The permit was granted on 21 June 2016. A company name change to Enva Toomebridge Ltd was completed in 2019. On 16 November 2021 an application was received to transfer the licence to Enva Northern Ireland Limited under Company Registration number NI017996

The facility de-manufactures waste electrical and electronic equipment (WEEE), particularly refrigeration equipment. The WEEE is disassembled and broken down into major component parts for recycling or reuse. Some of the WEEE accepted at the site such as Capacitors containing polychlorinated biphenyls (PCBs) and fridges containing CFCs and HCFCs are categorised as hazardous waste and are subject to regulation under this permit. The limit for waste acceptance at the permitted site is 24,999 Tonnes per annum.

All treatment activities are carried out within the building which has ventilation and filter dust control system in place to control emissions to air. Where applicable the operator will use Best Available Techniques (BAT).

The permit boundary is within the existing Waste Management Licence boundary for the materials recovery facility operated by Enva Northern Ireland Limited. Only those activities listed in Schedule 1 Table 1.1 will take place within the permit boundary.

The facility is located approximately 0.36km from Lough Neagh/Lough Beg SPA/ASSI. All processes are carried out within the building which has air emission and ventilation controls in place. It is considered that this will ensure any impact on designated sites is unlikely.

#### **Status Log of the Permit**

<b>Detail</b>	<b>Date</b>	<b>Response Date</b>
PPC Application	Received 02/Nov/2015	N/A
Additional Information Requested	13/Jan/2016	24/May/2016
Draft permit issued for consultation	24/May/2016	20/June/2016
Permit Determined	21/June/2016	N/A
Permit transfer	[DATE]	N/A

#### **Other existing Licences/Authorisations/Registrations relating to this site**

<b>Authorisation</b>	<b>Reference Number</b>	<b>Date of issue</b>
Waste Management Licence	LN/21/19	DATE
Water Order Consent	1587/15/1 (TC104/15)	12/Oct/2015

## **Talking to us**

**This permit is issued by the Waste Management Unit of the Northern Ireland Environment Agency. We can be contacted on the telephone using the telephone number 02890 569747.**

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**

The Permit 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.

## **Variations to the permit**

This Permit may be varied in the future. The Status Log within the Introductory Note to any such variation will include summary details of this Permit, variations issued up to that point in time and state whether a consolidated version of the Permit has been issued.

## **Surrender of the permit**

Before this Permit can be wholly or partially surrendered, an application to surrender the Permit has to be made. For the applicant to be successful, they would have to be able to demonstrate to the Chief Inspector, in accordance with Regulation 22, where applicable, of the Regulations, that there is no pollution risk and that no further steps are required to return the site to a satisfactory state.

## **Transfer of the permit or part of the permit**

Before the Permit can be wholly or partially transferred to another person, a joint application to transfer the Permit has to be made by both the existing and proposed holders, in accordance with Regulation 20 of the Regulations. A transfer will be allowed unless the Chief Inspector considers that the proposed holder will not be the person who will have control over the operation of the installation or will not ensure compliance with the conditions of the transferred Permit. If the Permit authorises the carrying out of a specified waste management activity, then there is a further requirement that the transferee is considered to be a “fit and proper person” to carry out that activity.

End of Introductory Note

## Permit

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

## Permit

Permit number

**P0529/15A/T1**

The Chief Inspector in exercise of his powers under Regulation 20 of the Pollution Prevention and Control (Industrial Emissions) Regulations (Northern Ireland) 2013 hereby transfers

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

Whose Registered Office is:

**1 Cloonagh Road**

**Downpatrick**

**County Down**

**BT30 6LJ**

**Company Registration Number: NI017996**

to operate an installation at:

**Toome Refrigeration and WEEE Treatment Facility**

**52 Creagh Road**

**Toomebridge**

**Co. Antrim**

**BT41 3SE**

to the extent authorised by and subject to the conditions of this Permit.

This Permit shall take effect from 1March 2022

Signed

Date

	1 March 2022
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*Brian McVeigh*

Authorised to sign on behalf of the Chief Inspector

# PERMIT 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
- Measures to prevent emissions to soil and groundwater
- Waste acceptance procedures
- Waste rejection and quarantine procedures
- Emergency/incident procedures
- Fire risk assessment
- 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
- Dusts and particulates monitoring and management procedures
- Birds, vermin and insects 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 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) Review and record at least every 4 years whether there are suitable opportunities to improve the energy efficiency of the Activities; and
- (b) Implement any appropriate measures identified by a review.

## **1.6 Efficient use of raw materials**

1.6.1 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.

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

1.7.1 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.

1.7.2 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.

## **1.8 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 Only those activities listed in Schedule 1 Table 1.1 are permitted within the permit boundary.

### **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 The Activities shall not be brought into operation until the measures specified in Schedule 1 Table S1.2 have been completed.

### **2.6 Improvement programme**

- 2.6.1 No Condition applies.

### **2.7 Engineering**

- 2.7.1 No construction of any site Infrastructure shall commence until the Operator has submitted Construction Proposals and the Chief Inspector has confirmed that he is satisfied with the Construction Proposals.
- 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 the 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 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) they are listed in Schedule 3, 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 and removed from the site.
- 2.8.3 The quantity of waste treated in any year shall not exceed the limits in Schedule 1 Table S1.4.

## **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.

## **3. Site Infrastructure**

### **3.1 Noticeboards**

- 3.2.1 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 Waste 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 Liquid storage**

- 3.3.1 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, which-ever is the greater. In the event of any containers being connected to one another, they shall be treated as one container.
- 3.3.2 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.
- 3.3.3 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 sewer, water, air or land except from the sources and emission points listed in Schedule 4.

## **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 taken to prevent or where that is not practicable, to minimise, the litter and mud.
- 4.3.3 Litter and mud arising from the Activities shall be removed from affected areas outside the site within 1 hour of its deposit.

## **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) Emissions to air specified in Table S4.1
- 4.6.2 No point source emissions to sewer are permitted from the waste activities listed in Schedule 1 table S1.1.
- 4.6.3 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.

## 5. Information

### 5.1 Records

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

- (a) be legible;
- (b) be made as soon as reasonably practicable;
- (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
- (d) 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:
  - (i) the results of soil and groundwater monitoring referred to in condition 2.10.1;
  - (ii) emissions to air monitoring specified in Table 4.1
  - (iii) waste types and quantities;

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 Agency.

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 31 January (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;
- (f) details of any contamination or decontamination of the Site which has occurred;
- (g) the compliance testing undertaken in the period.

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 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.
- 5.2.4 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.
- 5.2.5 The results of reviews and any changes made to soil and groundwater monitoring referred to in condition 2.10.2 shall be reported to the Chief Inspector, within 1 month of the review or change.
- 5.2.6 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
Section 5.3 Part A (a) (ii) The disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment	Dismantling and storage of hazardous WEEE items and appliances and components.	Receipt, handling, storage and processing of wastes, consisting of the types and quantities specified in condition 2.8. Activities to be carried out In designated areas on impermeable surfacing and within the building.
<b>Directly Associated Activity</b>		
Other waste management activities involving the segregation sorting handling and storage of hazardous waste.	Segregation sorting handling and storage of hazardous WEEE items and appliances and components	Activities to be carried out In designated areas on impermeable surfacing and within the building
Other waste management activities involving the segregation sorting, handling, treatment and storage of non-hazardous waste.	Segregation sorting handling, treatment and storage of non-hazardous WEEE items and appliances and components.	Activities to be carried out In designated areas on impermeable surfacing and within the building

**Table S1.2 Pre operational Measures**

Reference	Pre-operational Measures

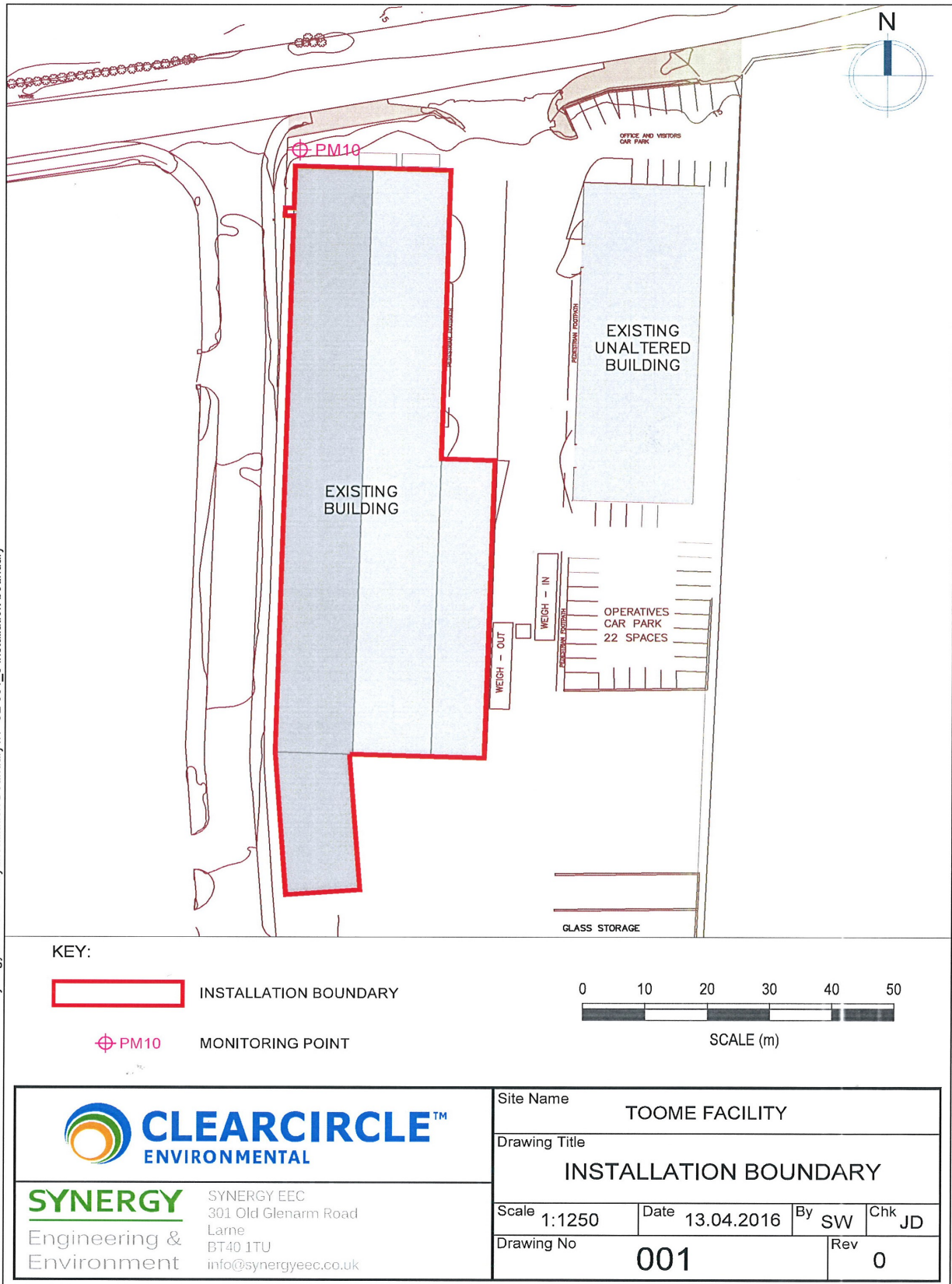
**Table S1.3 Improvement Programme Requirements**

Reference	Requirement	Date
IC1	N/A	N/A

**Table S1.4 Annual Waste Input Limits**

Category	Limit Tonnes/ Year
Hazardous waste (consisting of refrigerators and WEEE appliances and items)	24,999

## Schedule 2 - Site Plan



## Schedule 3 - List of permitted wastes

European Waste Catalogue Code	Description including physical form.
<b>13</b>	<b>OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)</b>
<b>13 02</b>	<b>Waste engine, gear and lubricating oils</b>
13 02 08*	Other engine, gear and lubricating oils
<b>14</b>	<b>SOLVENTS, REFRIGERANTS AND PROPELLANTS</b>
<b>14 06</b>	<b>Waste organic solvents – refrigerants and foams/aerosol propellants</b>
14 06 01*	Chlorofluorocarbons, HCFC, HFC
14 06 02*	Other halogenated solvents and solvent mixtures
14 06 03*	Other solvent and solvent mixtures
<b>16</b>	<b>WASTES NOT OTHERWISE SPECIFIED IN THE LIST</b>
<b>16 02</b>	<b>Wastes from electrical and electronic equipment</b>
16 02 09*	Transformers and capacitors containing PCB's
16 02 10*	Discarded equipment containing or contaminated by PCB's other than those mentioned in 16 02 09
16 02 12*	Discarded equipment containing free asbestos
16 02 11*	Discarded equipment containing chlorofluorocarbons HCFC, HFC
16 02 13*	Discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12
16 02 14	Discarded equipment other than those mentioned in 16 02 09 to 16 02 13
16 02 15*	Hazardous components removed from discarded equipment
16 02 16	Components removed from discarded equipment other than those mentioned in 16 02 15
<b>16 06</b>	<b>Batteries and accumulators</b>
16 06 01*	Lead batteries
16 06 02*	Ni – Cd batteries
16 06 03*	Mercury containing batteries
16 06 04	Alkaline batteries (except 16 06 03)
16 06 05	Other batteries and accumulators

European Waste Catalogue Code	Description including physical form.
16 06 06*	Separately collected electrolyte from batteries and accumulators
<b>19</b>	<b>WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPERATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE</b>
<b>19 10</b>	<b>Wastes from shredding of metal-containing wastes</b>
19 10 01	Iron and steel waste
19 10 02	Non-ferrous waste
<b>19 12</b>	<b>Wastes from the menchanical treatment of waste (for example sorting, crushing, compacting, pellatising) not otherwise specified</b>
19 12 02	Ferrous metal
19 12 03	Non-ferrous metal
19 12 04	Plastic and rubber
19 12 05	Glass
19 12 12	Other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11
<b>20</b>	<b>MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS</b>
<b>20 01</b>	<b>Separately collected fractions</b>
20 01 21*	Fluorescent tubes and other mercury-containing waste
20 01 23*	Discarded equipment containing chlorofluorocarbons
20 01 33*	Batteries and accumulators included in 16 06 01, 16 06 02, or 16 06 03 and unsorted batteries and accumulators containing those batteries
20 01 35*	Discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components
20 01 36	Discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35

## Schedule 4 – Emissions and monitoring

Table S4.1 Point Source Emissions to air				
Emission point reference or source or description of point of measurement	Parameter	Limit	Monitoring frequency	Other specifications
DM1	PM10	100µg/m <sup>3</sup> as an average over the 5 day period	Quarterly	Particulate monitoring to be carried out in accordance with EA Guidance TGN M8 and TGN M17
Emission control system exhaust	CFC's	20mg/m <sup>3</sup>	Continuous	As agreed with the Agency
	Pentane (HC's)	50mg/m <sup>3</sup>	Continuous	As agreed with the Agency

## 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
Emissions to air - particulates As required by condition 4.6.1 and table 4.1	Particulate monitoring to be carried out in accordance with EA Guidance TGN M8 and TGN M17	Every three months	From date of issue of Permit
Emissions to air – CFC'S and Pentane (HC's)	Emission control system exhaust	Every three months	From date of issue of Permit

Table S5.2 Performance Parameters			
Parameter	Frequency of assessment	Annual total	Unit
Water use	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	
Name of Operator	
Location of Installation	
Time and date of the detection	

<b>(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</b>	
<b>To be notified immediately following detection</b>	
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

<b>Any more accurate information on the matters for notification under Part A.</b>	
<b>Measures taken, or intended to be taken, to prevent a recurrence of the incident</b>	
<b>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</b>	
<b>The dates of any unauthorised emissions from the installation in the preceding 24 months.</b>	

<b>Name*</b>	
<b>Post</b>	
<b>Signature</b>	
<b>Date</b>	

\* 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 New Infrastructure.

*“CQA Validation Report”* means the final “as built” construction and engineering details of the New 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 New Cell or Landfill 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.

*“Liquids”* means any liquid other than leachate within the engineered landfill containment system.

*“LFTGN 05”* means Environment Agency Guidance for monitoring enclosed gas flares, September 2004.

*“LFTGN 08”* means Environment Agency Guidance for monitoring gas engines, September 2004.

*“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

"*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