

Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Natural UK Ltd

Natural UK Ltd Healthcare Management
Facility
Unit 3
Capel Hendre Industrial Estate
Capel Hendre
Ammanford
Carmarthenshire
SA18 3SJ

Permit number
EPR/DB3231RX

Natural UK Ltd Healthcare Management Facility

Permit number EPR/DB3231RX

Introductory note

This introductory note does not form a part of the permit

The main features of the permit are as follows.

This permit is for a clinical waste transfer station with treatment. The facility may receive clinical and healthcare waste and the operator is permitted to store, treat, repackage and send these wastes for disposal or recovery. Waste inputs may consist of source-segregated non-hazardous and hazardous clinical and healthcare wastes.

Treatment operations shall be limited to manual and/or mechanical sorting, separation, washing, screening, bailing, shredding, crushing, compaction and pelletisation of permitted wastes for the purposes of recovery or disposal. Mechanical treatment may include the use of bespoke equipment to wash and shred waste to aid physical separation and recovery.

The activities are carried out inside a building with an impermeable surface with sealed drainage. This permit does not allow any point source emission into surface waters or groundwater except clean surface water from roofs or from areas of the site that are not being used in connection with storing and/or treating waste. All rainfall dependant runoff will discharge through oil interceptors to surface water.

The sealed drainage in the building discharges to the foul sewer via a trade effluent discharge consent with the Statutory Undertaker.

The burning of any wastes, either in the open, inside buildings or in any form of incinerator is not permitted.

The status log of the permit sets out the permitting history, including any changes to the permit reference number.

Status log of the permit

Description	Date	Comments
Application EPR/DB3231RX/A001	Duly made 13/10/11	Permit application for new Standard Rules Permit SR2008No25_75kte – clinical waste & healthcare waste treatment and transfer station.
Permit determined EPR/DB3231RX	17/11/11	Permit granted for SR2008No25_75kte – clinical waste & healthcare waste treatment and transfer station.
Variation application EPR/DB3231RX/V002	06/12/12	Application to vary the permit received from the operator.
Variation application EPR/DB3231RX/V002	10/12/12	Application to vary the permit received on 02/12/12, withdrawn by the operator.
Variation application EPR/DB3231RX/V003	20/02/13	Application to vary the permit received from the operator.

Status log of the permit

Description	Date	Comments
Variation application EPR/DB3231RX/V003	20/02/13	Application to vary the permit received on 20/02/13 returned as not duly made.
Variation application EPR/DB3231RX/V004	Duly made 20/06/13	Application for Normal Variation of Standard Rules to a Tier 3 Bespoke clinical waste & healthcare waste treatment and transfer station with treatment facility.
Additional information received	20/06/13	Revised Environmental Risk Assessment received.
Additional information received	24/07/13	Evidence of technical competence received.
Permit variation issued EPR/DB3231RX	20/09/13	Permit issued to Natural UK Ltd.

End of introductory note.

Permit

The Environmental Permitting (England and Wales) Regulations 2010

Permit number

EPR/DB3231RX

The Natural Resources Body for Wales (“Natural Resources Wales”) authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2010

Natural UK Ltd (“the operator”),

whose registered office is

Unit 3 Capel Hendre Industrial Estate

Capel Hendre

Ammanford

Carmarthenshire

Wales

SA18 3SJ

company registration number **04722956**

to operate waste operations at

Natural UK Ltd Healthcare Management Facility

Unit 3

Capel Hendre Industrial Estate

Capel Hendre

Ammanford

Carmarthenshire

SA18 3SJ

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

Name	Date
Holly Noble	20/09/2013

Authorised on behalf of Natural Resources Wales

Conditions

1 Management

1.1 General management

1.1.1 The operator shall manage and operate the activities:

- (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and
- (b) using sufficient competent persons and resources.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

1.1.3 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.

1.1.4 The operator shall comply with the requirements of an approved competence scheme.

1.2 Avoidance, recovery and disposal of wastes produced by the activities

1.2.1 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.

1.2.2 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.

2 Operations

2.1 Permitted activities

2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the "activities").

2.2 The site

2.2.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan at schedule 7 to this permit.

2.3 Operating techniques

- 2.3.1 (a) 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 schedule 1, table S1.2, unless otherwise agreed in writing by Natural Resources Wales.
- (b) If notified by Natural Resources Wales that the activities are giving rise to pollution, the operator shall submit to Natural Resources Wales for approval within the period specified, a revision of any plan or other documentation ("plan") specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by Natural Resources Wales.
- 2.3.2 Waste shall only be accepted if:
- (a) it is of a type and quantity listed in schedule 2 table(s) S2.1 [, S2.2 etc]; and
- (b) it conforms to the description in the documentation supplied by the producer and holder.

2.4 Technical requirements

Hazardous waste storage and treatment

- 2.4.1 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 appropriate measures are taken.

3 Emissions and monitoring

3.1 Emissions of substances not controlled by emission limits

- 3.1.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.1.2 The operator shall:
- (a) if notified by Natural Resources Wales that the activities are giving rise to pollution, submit to Natural Resources Wales for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;
- (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by Natural Resources Wales.
- 3.1.3 All liquids in containers, 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.

3.2 Odour

3.2.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of Natural Resources Wales, 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 the odour.

3.2.2 The operator shall:

- (a) if notified by Natural Resources Wales that the activities are giving rise to pollution outside the site due to odour, submit to Natural Resources Wales for approval within the period specified, an odour management plan which identifies and minimises the risks of pollution from odour;
- (b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by Natural Resources Wales.

3.3 Noise and vibration

3.3.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of Natural Resources Wales, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.

3.3.2 The operator shall:

- (a) if notified by Natural Resources Wales that the activities are giving rise to pollution outside the site due to noise and vibration, submit to Natural Resources Wales for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;
- (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by Natural Resources Wales.

3.4 Pests

3.4.1 The activities shall not give rise to the presence of pests which are likely to cause pollution, hazard or annoyance outside the boundary of the site. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved pests management plan, have been taken to prevent or where that is not practicable, to minimise the presence of pests on the site.

3.4.2 The operator shall:

- (a) if notified by Natural Resources Wales, submit to Natural Resources Wales for approval within the period specified, a pests management plan which identifies and minimises risks of pollution from pests;
- (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by Natural Resources Wales.

4 Information

4.1 Records

4.1.1 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 Natural Resources Wales, 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) off-site environmental effects; and
 - (ii) matters which affect the condition of the land and groundwater.
- 4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by Natural Resources Wales.

4.2 Reporting

- 4.2.1 Within one month of the end of each quarter, the operator shall submit to Natural Resources Wales using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.
- 4.2.2 The operator shall send all reports and notifications required by the permit to Natural Resources Wales using the contact details supplied in writing by Natural Resources Wales.

4.3 Notifications

- 4.3.1 Natural Resources Wales shall be notified without delay following the detection of:
- (a) any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution;
 - (b) the breach of a limit specified in the permit; or
 - (c) any significant adverse environmental effects.
- 4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.
- 4.3.3 Where Natural Resources Wales has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform Natural Resources Wales when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to Natural Resources Wales at least 14 days before the date the monitoring is to be undertaken.
- 4.3.4 Natural Resources Wales shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:
- Where the operator is a registered company:
- (a) any change in the operator's trading name, registered name or registered office address; and

- (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

Where the operator is a corporate body other than a registered company:

- (a) any change in the operator's name or address; and
- (b) any steps taken with a view to the dissolution of the operator.

In any other case:

- (a) the death of any of the named operators (where the operator consists of more than one named individual);
- (b) any change in the operator's name(s) or address(es); and
- (c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:

- (a) Natural Resources Wales shall be notified at least 14 days before making the change; and
- (b) the notification shall contain a description of the proposed change in operation.

4.4 Interpretation

4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.

4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "without delay", in which case it may be provided by telephone.

Schedule 1 - Operations

Table S1.1 activities

Activity reference	Description of activities for waste operations	Limits of activities
A1 - Clinical waste transfer station with treatment	<p>D15:- Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced).</p> <p>D14: Repackaging prior to submission to any of the operations numbered D01 to D13.</p> <p>R13: Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced).</p> <p>D9: Physico-chemical treatment not specified elsewhere in Annex IIA which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D8 and D10 to D12.</p> <p>R3: Recycling/ reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).</p> <p>R5: Recycling/ reclamation of other inorganic materials.</p>	<p>All storage and treatment activities shall take place within a building on an impermeable surface with sealed drainage.</p> <p>Treatment operations shall be limited to manual and/or mechanical:</p> <ul style="list-style-type: none"> - sorting - washing - separation - screening - baling - shredding <p>of permitted wastes for the purposes of recovery or disposal.</p> <p>Mechanical treatment may include the use of bespoke equipment to wash and shred waste to aid physical separation and recovery.</p> <p>Treatment of permitted waste under activity R3 (using wash plant) shall be limited to the treatment of waste types 18-01-04 and 20-01-99 only.</p> <p>The following wastes types accepted under EWC codes 18 01 03*, 18 02 02 and 20 01 99(1) are specifically excluded from waste treatment activities:</p> <ul style="list-style-type: none"> (i) Any waste containing waste medicines and chemicals, waste contaminated with cytotoxic and cytostatic medicines, anatomical waste (identifiable human or animal tissue arising from healthcare), or Dental amalgam; (ii) Sharps boxes containing any of the excluded wastes from (i) and (iii) or Sharps that are contaminated with pharmaceuticals in any quantity (including syringes that are fully discharged, partially discharged or undischarged); and (iii) Biohazard waste: Any waste known or likely to contain ACDP Hazard group 4 biological agents; any waste from a containment level 3 laboratory; and All Microbiological cultures from any sources, and, any potentially infected waste from pathology departments and other clinical or research laboratories (Unless autoclaved before leaving the site of production). <p>Pre-treatment of waste for incineration or co-incineration shall not exceed 75 tonnes per day under the R3 and/or R5 activities.</p> <p>Pre-treatment of waste for incineration or co-incineration for disposal shall not exceed 50 tonnes per day under the D9 activity.</p> <p>No more than 50 tonnes of hazardous waste shall be stored at the site at any one time for recovery and/or disposal.</p> <p>Waste types as specified in Table 2.1.</p>

Table S1.2 Operating techniques

Description	Parts	Date Received
Technical Guidance Note: How to comply with your environmental permit.	All.	n/a
EPR 5.07, Additional guidance for: Clinical waste (Version 1.1 January 2011), based on EU BAT Reference (BREF) Notes for Waste Treatment Industries and Waste Incineration.	All.	n/a
Sector Technical Guidance Note: Sector Guidance IPPC S5.06 - Guidance for the Recovery and Disposal of Hazardous and Non Hazardous Waste.	All.	n/a
Application	NATUKLTD - ACC PREP PLAN – 003 JH Odour Management – All parts.	24/05/13

Schedule 2 - Waste types, raw materials and fuels

Table S2.1 Permitted waste types and quantities for for clinical waste transfer station with treatment

Maximum quantity	The maximum quantity of waste to be accepted at the site shall not exceed 40,040 tonnes per annum.
Exclusions	Notwithstanding the Waste types permitted, wastes which have any of the following characteristics shall not be accepted: - hazardous waste - wastes which are odour producing or likely to be odorous - wastes in liquid form
Waste code	Description
09	WASTES FROM THE PHOTOGRAPHIC INDUSTRY
09 01	Wastes from the photographic industry
09 01 01*	water-based developer and activator solutions ¹
09 01 02*	water-based offset plate developer solutions ¹
09 01 03*	solvent based developer solutions ¹
09 01 04*	fixer solutions ¹
09 01 05*	bleach and bleach fixer solutions ¹
09 01 07	photographic film and paper containing silver or silver compounds ¹
09 01 08	photographic film and paper free of silver or silver compounds ¹
¹ Waste accepted under this EWC is limited to wastes of this type arising from medical practices or associated research activities.	
18	WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (EXCEPT KITCHEN AND RESTAURANT WASTES NOT ARISING FROM IMMEDIATE HEALTH CARE)
18 01	wastes from natal care, diagnosis, treatment or prevention of disease in humans.
18 01 01	sharps (except 18 01 03)
18 01 02	body parts and organs including blood bags and blood preserves (except 18 01 03)
18 01 03*	wastes whose collection and disposal is subject to special requirements in order to prevent infection.
18 01 04	wastes whose collection and disposal is not subject to special requirements in order to prevent infection (for example dressings, plaster casts, linen, disposable clothing, diapers). (This is limited to non-clinical human offensive/hygiene waste and autoclaved waste from laboratories only)
18 01 06*	chemicals consisting of or containing dangerous substances (excluding X-ray photochemicals)
18 01 07	chemicals other than those mentioned in 18 01 06 (excluding X-ray photochemicals)
18 01 08*	cytotoxic and cytostatic medicines
18 01 09	medicines other than those mentioned in 18 01 08
18 01 10*	amalgam waste from dental care
18 02	wastes from research, diagnosis, treatment or prevention of disease involving animals
18 02 01	sharps (except 18 02 02)
18 02 02*	wastes whose collection and disposal is subject to special requirements in order to prevent infection
18 02 03	wastes whose collection and disposal is not subject to special requirements in order to prevent infection. (consisting of non-clinical animal offensive/hygiene waste and autoclaved waste from laboratories only)
18 02 05*	chemicals consisting of or containing dangerous substances (excluding X-ray photochemicals)
18 02 06	chemicals other than those mentioned in 18 02 05 (excluding X-ray photochemicals)
18 02 07*	cytotoxic and cytostatic medicines
18 02 08	medicines other than those mentioned in 18 02 07
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01	seperately collected fractions (except 15 01)
20 01 31*	cytotoxic and cytostatic medicines
20 01 32	medicines other than those mentioned in 20 01 31
20 01 99(1)	other fractions not otherwise specified (comprising only of separately collected fractions of municipal clinical waste (not arising from healthcare and/or related research i.e. not including waste from natal

	care, diagnosis, treatment or prevention of disease) which is subject to special requirements in order to prevent infection)
20 01 99(2)	other fractions not otherwise specified (comprising only of non-clinical human and animal offensive/hygiene waste (not arising from healthcare and/or related research i.e. not including waste from natal care, diagnosis, treatment or prevention of disease) which is not subject to special requirements in order to prevent infection)

Schedule 3 – Emissions and monitoring

There are no emission limits or associated monitoring requirements.

Schedule 4 - Reporting

There is no reporting under this schedule.

Schedule 5 - Notification

These pages outline 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 EP Regulations.

Part A

Permit Number	
Name of operator	
Location of Facility	
Time and date of the detection	

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution

To be notified within 24 hours of detection
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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 stop any emission	
Description of the failure or accident.	

(b) Notification requirements for the breach of a limit
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To be notified within 24 hours of detection unless otherwise specified below

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	

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

(c) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
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 submitted 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 facility in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 - Interpretation

“accident” means an accident that may result in pollution.

“Annex I” means Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“Annex II” means Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“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 5 to the EP Regulations.

“authorised officer” means any person authorised by Natural Resources Wales under section 108(1) of The Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in section 108(4) of that Act.

“building” means a construction that has the objective of providing sheltering cover and minimising emissions of noise, particulate matter, odour and litter.

“D” means a disposal operation provided for in Annex I to Directive 2008/98/EC of the European Parliament and of the Council on waste.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2010 No.675 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

“emissions of substances not controlled by emission limits” means emissions of substances to air, water or land from the activities, either from the emission points specified in schedule 3 or from other localised or diffuse sources, which are not controlled by an emission or background concentration limit..

“groundwater” means all water, which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

“hazardous waste” has the meaning given in the Hazardous Waste (England and Wales) Regulations 2005 No.894, the Hazardous Waste (Wales) Regulations 2005 No. 1806 (W.138), the List of Wastes (England) Regulations 2005 No.895 and the List of Wastes (Wales) Regulations 2005 No. 1820 (W.148).

“Pests” means Birds, Vermin and Insects.

“quarter” means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

“R” means a recovery operation provided for in Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

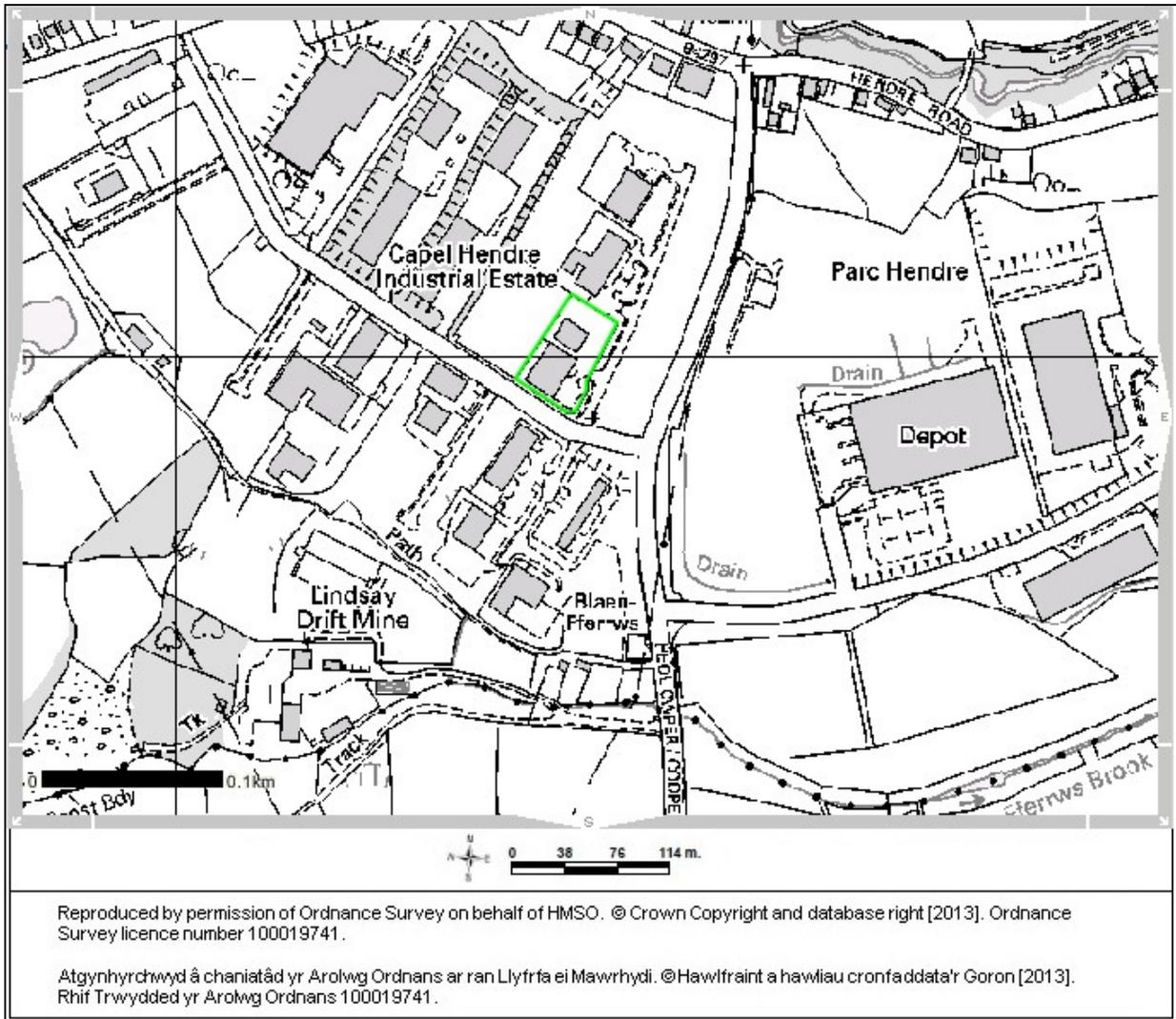
“Waste code” means the six digit code referable to a type of waste in accordance with the List of Wastes (England) Regulations 2005, or List of Wastes (Wales) Regulations 2005, as appropriate, and in relation to hazardous waste, includes the asterisk.

“Waste Framework Directive” or *“WFD”* means *Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste.*

“year” means calendar year ending 31 December.

Schedule 7 - Site plan

This is the plan referred to in the Permit.



END OF PERMIT