

## Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

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Ash Resource Management (Cambrian  
Quarry) Limited

Cambrian Quarry  
Glyndwr Road  
Gwernymynydd  
Mold  
Flintshire  
CH7 5LW

Permit number  
EPR/JB3034RN

# **Cambrian Quarry**

## **Permit number EPR/JB3034RN**

### **Introductory note**

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

The main features of the permit are as follows.

This is a Tier 3 bespoke permit for the permanent deposit of waste for the purpose of recovery and soil substitutes and aggregate production facility.

The permanent deposit of waste is for the construction of a new internal access road and entrance to Glyndwr Road, the restoration of the quarry void to form a shallow valley landform that will be used for agriculture and nature conservation.

The operator will operate in accordance with the approved waste recovery plan. This permit should be read in conjunction with the approved Waste recovery Plan.

The permitted activities also include a soil substitutes and aggregate production facility. The equipment used will comprise of a single mobile crusher, a three way mobile screen and a vibrating table. A hydraulic excavator and a loading shovel will be used for loading and unloading materials.

Treatment activities within the soil and aggregate processing facility will consist of sorting and crushing of the permitted wastes for the purpose of recovery. The treatment waste will be either used on site as part of the permanent deposit of waste activity for recovery or will be removed from site for use elsewhere.

Permitted waste types accepted on site are listed in the approved waste recovery plan includes inert and inert like wastes and does not include hazardous wastes.

This permit does not allow any point source emission into surface waters or groundwater. However, under the emissions of substances not controlled by emission limits rule, the site will continue to drain naturally through the limestone base.

The amount of waste accepted on site as a whole shall not exceed 200,000 tonnes per year. This is split into 140,000 tonnes for the restoration activity and 60,000 tonnes for the soil substitutes and aggregate production facility. The total quantity of waste required to complete the restoration activity shall not exceed 779,000 tonnes as detailed in the approved waste recovery plan.

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.

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Application EPR/JB3034RN/A001	Duly made 12/05/14	Application for a deposit of waste for recovery and soil substitutes and aggregate production facility.
Additional information received	17/06/14	Consisting of: - continuing competence certificate. - confirmation of site boundary.
Additional information received	10/07/14	Consisting of : - a large scale site plan - justification on as to why the applicant did not propose to test for the presence of asbestos
Permit determined EPR/JB3034RN	17/10/2014	Permit issued to Ash Resource Management (Cambrian Quarry) Limited.

End of introductory note

# Permit

The Environmental Permitting (England and Wales) Regulations 2010

**Permit number**  
**EPR/JB3034RN**

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

**Ash Resource Management (Cambrian Quarry) Limited** (“the operator”),  
whose registered office is

**The Mill**  
**Morton**  
**Oswestry**  
**Shropshire**  
**SY10 8BH**

company registration number **06937530**

to operate waste operations at

**Cambrian Quarry**  
**Glyndwr Road**  
**Gwernymynydd**  
**Mold**  
**Flintshire**  
**CH7 5LW**

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

Name	Date
	<b>17/10/2014</b>

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 Pre-operational conditions**

- 2.4.1 The activities shall not be brought into operation until the measures specified in schedule 1 table S1.3 have been completed.

# **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.

## **3.2 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.

## **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 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.

4.2.2 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.

### **4.3 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**

<p><b>A1</b> Use of waste for restoration</p>	<p><b>R13</b> Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)</p> <p><b>R3</b> Recycling/reclamation of organic substances which are not used as solvents</p> <p><b>R5</b> Recycling/reclamation of other inorganic compounds</p>	<p>The activities must be carried out in accordance with the approved waste recovery plan.</p> <p>Waste shall be stored on hard standing prior to use.</p> <p>Treatment operations shall be limited to:</p> <ul style="list-style-type: none"> <li>- sorting</li> <li>- screening</li> <li>- crushing; and</li> <li>- the permanent deposit of waste in or on land for the purpose of waste for recovery.</li> </ul> <p>Only waste types as specified in Table S2.1 shall be accepted.</p>
<p><b>A2</b> Treatment of waste to produce soil and aggregates using mobile plant</p>	<p><b>R13</b> Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)</p> <p><b>R3</b> Recycling/reclamation of organic substances which are not used as solvents</p> <p><b>R5</b> Recycling/reclamation of other inorganic compounds</p>	<p>Treatment operations shall be limited to:</p> <ul style="list-style-type: none"> <li>- sorting</li> <li>- screening ; and</li> <li>- crushing</li> </ul> <p>only, of waste for recovery.</p> <p>Only waste types as specified in Table S2.1 shall be accepted.</p>

**Table S1.2 Operating techniques**

Description	Parts	Date Received
Technical Guidance Note: How to comply with your environmental permit	All	N/A
Environmental Permitting Regulations: Inert Waste Guidance, Standards and Measures for the Deposit of Inert Waste on Land	All	N/A
Application	Environmental Management System document reference : 2304/426/MS/01 <ul style="list-style-type: none"> <li>- Section 3.1- Waste Delivery</li> <li>- Section 3.3- Hazardous Waste</li> <li>- Section 5.2 Waste acceptance procedures- all parts</li> <li>- Section 7.3 Emissions to Land and Groundwater</li> <li>- Appendix C- Dust Impact Assessment- Version 1.2- Document ref. 2535-426-All parts</li> <li>- Appendix H- Stability Risk Assessment- Reference No: 2304/426/H- All parts</li> <li>- Appendix K Noise &amp; Vibration Management Plan- Version 1.0 (Dated 18/02/14) 2304/426/K - All parts</li> <li>- Appendix M- Environmental Risk Assessment- Reference No.2304/426/M (Dated 10/03/2014) – all parts</li> <li>- Appendix N- Waste Recovery Plan (Version 1.5), Document Reference : 0426/2304/WRP/01 (07/12/2012)</li> </ul>	11/04/14
Response to a Schedule 5 Notice- Information Request emailed on 16 <sup>th</sup> July 2014	Email received on 5 <sup>th</sup> September 2014 <ul style="list-style-type: none"> <li>- attachment reference 'Response to Schedule 5'</li> <li>- attachment reference '2304-426_Mud man plan S1.1, document reference 'fugitive emissions plans, Mud and Dirt Management Plan, reference no. 2304/426/C v1.1(dated 29/08/2014, Section 1- All parts</li> <li>- attachment reference 'AMP_040914, document reference, Accident Management Plan Version 1.0, doc.ref: 2352/426/AMP/01</li> </ul>	05/09/14
	Email received on 10 <sup>th</sup> September 2014 -attachment reference 'mobile plant waste acceptance_10092014'	10/09/14
	Email received on 15 <sup>th</sup> September 2014 -All parts	15/09/14

<b>Table S1.3 Pre-operational measures</b>	
<b>Reference</b>	<b>Pre-operational measures</b>
POM 1	Prior to operation commencement date the operator shall submit a desktop study to demonstrate that there are no historic deposits of waste in the quarry void or in the event if there is evidence that the waste depositing has taken place previously, submit proposals to demonstrate as to how the protection of the controlled waters will be achieved. The report shall be assessed and approved in writing by Natural Resources Wales.
POM 2	Prior to commencement of infilling activity the operator shall remove all vegetation from the infilling area to ensure that possible generation of landfill gas is prevented. The infilling operation shall only commence following a site visit of an officer from Natural Resources Wales.

## Schedule 2 - Waste types, raw materials and fuels

**Table S2.1 Permitted waste types and quantities for deposit of waste for recovery (restoration activity) and for treatment of waste to produce soil and aggregates using mobile plant (processing facility)**

<b>Maximum quantity</b>	The total quantity of waste accepted at the site shall be no more than 200,000 tonnes per year. In any case, no more than 779,000 tonnes shall be used in total, to complete the developments detailed in the approved waste recovery plan.
<b>Exclusions</b>	Notwithstanding the permitted waste types, wastes with any of the following characteristics shall not be accepted at the site: <ul style="list-style-type: none"> <li>waste consisting solely or mainly of dusts, powders or loose fibres;</li> <li>hazardous waste or waste whose permanent deposit in or on land will cause pollution;</li> <li>waste in sludge or liquid form; or</li> <li>waste consisting of or contaminated with Japanese Knotweed or other invasive species</li> </ul>
<b>Waste code</b>	<b>Description</b>
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 04	wastes from physical and chemical processing of non-metalliferous minerals
01 04 08	waste gravel and crushed rocks other than those mentioned in 01 04 07
01 04 09	waste sand and clays
10	WASTES FROM THERMAL PROCESSES
10 12	wastes from manufacture of ceramic goods, bricks, tiles and construction products
10 12 08	waste ceramics, bricks, tiles and construction products (after thermal processing)
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 01	concrete, bricks, tiles and ceramics
17 01 01	concrete
17 01 02	bricks
17 01 03	Tiles and ceramics
17 01 07	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
17 05	soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 04	soil (including excavated soil from contaminated sites), stones and dredging spoil
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 09	minerals (for example sand, stones)
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 02	garden and park wastes (including cemetery waste)
20 02 02	soil and stones

## **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**

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

**(b) Notification requirements for the breach of a limit**

<b>To be notified within 24 hours of detection unless otherwise specified below</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>Time periods for notification following detection of a breach of a limit</b>	
<b>Parameter</b>	<b>Notification period</b>

<b>(c) 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 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.	

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

\* authorised to sign on behalf of the operator

## Schedule 6 - Interpretation

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

*“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.

*“emissions to land”* includes emissions to groundwater.

*“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.

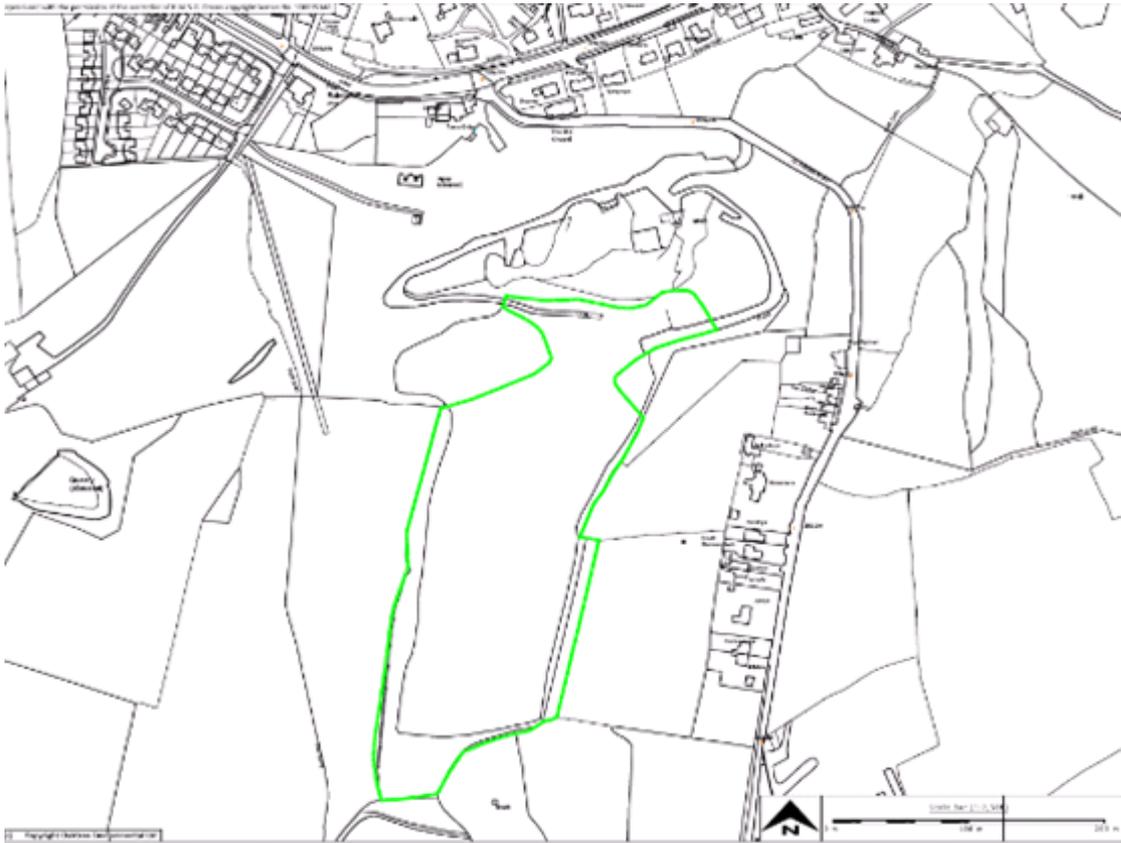
*“R”* means a recovery operation provided for in Annex II to Directive 2008/98/EC of the European Parliament and of the Council on waste.

*“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



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END OF PERMIT