

# Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Mr Giles Dodd

Dodleston Hall Farm Poultry Unit Dodleston Hall Farm Kinnerton Road Dodleston Chester CH4 9LP

Permit number

EPR/ZP3830WQ

## Dodleston Hall Farm Poultry Unit Permit number EPR/ZP3830WQ

### Introductory note

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

The main features of the permit are as follows.

Dodleston Hall Farm Poultry Unit is situated approximately two kilometres north west of the village of Dodleston, Chester. The installation is approximately centred on National Grid Reference SJ 35804 61600.

The installation is operated by Mr Giles Dodd and comprises two poultry houses, numbered one and two, which have a total capacity for 100,000 broiler places. There will be a maximum of 50,000 birds housed in each building. The chicks will be brought in from a hatchery with an average crop cycle of 35-36 days.

Both poultry houses are ventilated by roof fans with an emission point higher than 3.5 metres above ground level and an efflux speed greater than 2 metres per second. Both houses also have gable end fans, although these are operated infrequently to maintain temperature, typically during the summer months.

Litter is not stored within the installation boundary. It is transported off site to be stored and spread on land farmed by the applicant. The litter is spread by the operator in accordance with the manure management plan. Alternatively, it is exported to local farms for spreading directly to the land or for use as feedstock in anaerobic digesters located on the farms.

Litter is exported from the installation at the end of each production cycle. Records are kept of the quantities and the date of transfer. Contingency arrangements will be put in place with surrounding farms to accept the litter in case of an emergency.

Wash out water from the poultry houses is channelled to underground collection tanks to await export off site. Roof water for both poultry houses is collected in attenuation ditches before being discharged to a ditch to the west of the site. Yard water from concrete areas at the front of the poultry houses is also collected in attenuation ditches and discharges to the drainage ditch to the west of the site.

The land around the site is predominantly agricultural. The surrounding topography is relatively flat and low lying. Associated food is stored in sealed food bins. Mortalities are stored in a secure container and are collected by an Animal Health approved contractor. They are disposed of in accordance with the Animal By-Products Regulations.

At the end of the cycle the houses are depopulated, dry-cleaned to removed organic material, washed and disinfected ready for the next cycle. This stage takes approximately 10 days.

There will be one 0.666 MW boiler to provide heating for the poultry sheds. The operator is proposing to burn woodchip or wood pellets in the boiler. However, the permit allows for the boilers to burn biomass chips or pellets comprising virgin timber, straw, miscanthus; or a combination of these, as they all have a similar emission profile.

Measures have been put in place to minimise the risk of fire within the woodchip storage area. The site will be operated in accordance with the document 'Health and Safety in Biomass, Design and operation guide, by the Combustion Engineering Association' which was submitted with the application.

The ash generated from the boilers is to be spread on land owned by the operator. The operator has been made aware of the need to apply for an exemption to undertake this operation.

The site is subject to a Climate Change Levy Agreement.

This permit implements the requirements of the European Union Directive on Industrial Emissions.

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/ZP3830WQ/A001	Duly made 03/02/15	Application for an intensive farming poultry installation permit.			
Additional information received	13/03/15	Response to the Schedule 5 (dated 27/02/15) request providing an amended noise modelling report, which only takes into account noise generated from within the installation boundary. Noise modelling files submitted.			
Additional information received	23/03/15	Response to the Schedule 5 (dated 23/02/15) request providing a revised Odour Management Plan and an amended Odour Modelling Report. Odour modelling files submitted.			
Additional information received	31/03/15	Revised Odour Management Plan submitted, which includes the proposed abatement and contingency measures.			
Additional information received	08/04/15	Revised Noise Modelling Report which includes the shed layout as detailed in the application. Noise modelling files submitted.			
Permit determined EPR/ZP3830WQ (Billing ref. ZP3830WQ)	21/05/15	Permit issued to Mr Giles Dodd.			

End of introductory note

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### Permit

### The Environmental Permitting (England and Wales) Regulations 2010

#### Permit number

#### EPR/ZP3830WQ

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2010

Mr Giles Dodd ("the operator"),

of

Dodleston Hall Farm Kinnerton Road Dodleston Chester CH4 9LP

to operate an installation at

Dodleston Hall Farm Poultry Unit Dodleston Hall Farm Kinnerton Road Dodleston Chester CH4 9LP

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

Name	Date
Rebecca Warren	21/05/15

Authorised on behalf of the Environment Agency

## 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.

#### 1.2 Energy efficiency

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

#### 1.3 Efficient use of raw materials

- 1.3.1 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 four 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 further appropriate measures identified by a review.

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

- 1.4.1 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;
  - (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.
- 1.4.2 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 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 the Environment Agency.
- 2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency 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 the Environment Agency.
- 2.3.3 The operator shall maintain and implement a system to record the number of animal places and animal movements.
- 2.3.4 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 2.3.5 The operator shall take appropriate measures in off-site disposal or recovery of solid manure or slurry to prevent, or where this is not practicable, to minimise pollution.
- 2.3.6 The operator shall:
  - (a) maintain and implement a manure management plan;
  - (b) review and record at least every four years whether changes to the plan should be made; and
  - (c) make any appropriate changes to the plan identified by the review.
- 2.3.7 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:
  - (a) the nature of the process producing the waste;
  - (b) the composition of the waste;
  - (c) the handling requirements of the waste;
  - (d) the hazardous property associated with the waste, if applicable; and
  - (e) the waste code of the waste.
- 2.3.8 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

#### 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 to water, air or land

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.1 and S3.2.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.
- 3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

#### 3.2 Emissions of substances not controlled by emission limits

- 3.2.1 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.
- 3.2.2 The operator shall:
  - (a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency 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; and
  - (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 3.2.3 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.

#### 3.3 Odour

3.3.1 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 the Environment Agency, 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.

#### 3.4 Noise and vibration

3.4.1 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 the Environment Agency, 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.

#### 3.5 Monitoring

- 3.5.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:
  - (a) point source emissions specified in tables S3.1 and S3.2;

#### 3.6 Pests

- 3.6.1 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.
- 3.6.2 The operator shall:
  - (a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution, hazard or annoyance from pests;
  - (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

### 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 the Environment Agency, 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 the Environment Agency.

#### 4.2 Reporting

- 4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.
- 4.2.2 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six 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.

#### 4.3 Notifications

- 4.3.1 In the event:
  - (a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
    - (i) inform the Environment Agency,

- (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
- (iii) take the measures necessary to prevent further possible incidents or accidents;
- (b) of a breach of any permit condition the operator must immediately-
  - (i) inform the Environment Agency, and
  - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
- (c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.
- 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 the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.
- 4.3.4 The Environment Agency 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) the Environment Agency 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.
- 4.3.6 The Environment Agency shall be given at least 14 days notice before implementation of any part of the site closure plan.
- 4.3.7 Where the operator has entered into a climate change agreement with the Government, the Environment Agency shall be notified within one month of:
  - (a) a decision by the Secretary of State not to re-certify the agreement;

- (b) a decision by either the operator or the Secretary of State to terminate the agreement; and
- (c) any subsequent decision by the Secretary of State to re-certify such an agreement.

#### 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 "immediately", in which case it may be provided by telephone.

# Schedule 1 – Operations

Table S1.1 activities		
Activity listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
Section 6.9 A(1)(a)(i) Rearing of poultry intensively in an installation with more than 40,000 places	The rearing of poultry in a facility with a capacity for 100,000 broiler places.	From receipt of birds, raw materials and fuels onto the site to removal of birds and associated wastes from site.
Directly Associated Activity	Description of specified activity	Limits of specified activity
Biomass boiler	Operation of one biomass boiler with a net thermal rated input not exceeding 0.666 MW, for site heating requirements, burning biomass fuel (chips or pellets comprising virgin timber, straw, miscanthus; or a combination of these) not comprising waste or animal carcasses.	From receipt of raw materials and fuels, to release of combustion products to air and associated wastes removed from site.

Table S1.2 Operating techniques				
Description	Parts	Date Received		
Application EPR/ZP3830WQ/A001	Responses to Parts B2 and B3 of the application form and referenced supporting documentation. This includes a Noise Management Plan (Appendix 10).	22/12/14		
Additional information requested 27/02/15	Response to the Schedule 5 request providing an amended noise modelling report, which only takes into account noise generated within the installation boundary. Noise modelling files submitted.	13/03/15		
Additional information requested 23/02/15	Response to the Schedule 5 providing a revised Odour Management Plan and an amended Odour Modelling Report. Odour modelling files submitted.	23/03/15		
Additional information requested 30/03/15 and 31/03/15	Response to request for information including odour abatement and contingency measures in the Odour Management Plan.	31/03/15		
Additional information requested 02/04/15	Response to Request for further information regarding the noise modelling input parameters. Noise modelling files submitted.	08/04/15		

Table S1.3 Pre-op	Table S1.3 Pre-operational measures				
Reference	Pre-operational measures				
1	Before commencement of activities a revised Odour Management Plan shall be submitted to the Environment Agency for approval. This shall contain full details of the contingency measures that will be used in the event of odour pollution, including:				
	<ul> <li>Complete details of each measure and how it works.</li> </ul>				
	<ul> <li>A description of how each measure will be implemented.</li> </ul>				
	<ul> <li>The product name and manufacture of the alternative litter types and the litter additives that will be used.</li> </ul>				
	<ul> <li>Evidence that the chosen measure and any products used are effective. This should include evidence from other farms that use similar products.</li> </ul>				
	<ul> <li>Alternative odour contingency measures should be presented and approved if any of the stated measures are not deemed suitable.</li> </ul>				
2	Before commencement of activities the following documents shall be submitted to the Environment Agency for approval.				
	<ul> <li>Written confirmation that a 1.5m bund to the south and south west of the site has been constructed.</li> </ul>				
	<ul> <li>A revised site layout plan showing the location of the 1.5m bund.</li> </ul>				

# Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels		
Raw materials and fuel description	Specification	
Fuel for biomass boiler units	Biomass chips or pellets comprising virgin timber, straw, miscanthus; or a combination of these only.	

# Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference Period	Monitoring frequency	Monitoring standard or method
Roof fan outlets on poultry houses 1-2 as shown on the 'Environmental Permit Site Plan' (Ref.SA14575/08 submitted on 30/01/15) included in application EPR/ZP3830WQ/A001	Poultry houses 1-2					
Gable end fan outlets on poultry houses 1-2 as shown on the 'Environmental Permit Site Plan' (Ref.SA14575/08 submitted on 30/01/15) included in application EPR/ZP3830WQ/A001	Poultry houses 1-2					
Exhaust from back up generator as shown on the 'Environmental Permit Site Plan' (Ref.SA14575/08 submitted on 30/01/15) included in application EPR/ZP3830WQ/A001	Back up Generator					
Exhaust from back up gas boiler as shown on the 'Environmental Permit Site Plan' (Ref.SA14575/08 submitted on 30/01/15) included in application EPR/ZP3830WQ/A001	Back up gas boiler					
Vent from oil tank as shown on the 'Environmental Permit Site Plan' (Ref.SA14575/08 submitted on 30/01/15) included in application EPR/ZP3830WQ/A001	Oil tank					
Emissions from one biomass boiler as shown on the 'Environmental Permit	0.666 MW biomass boiler					

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference Period	Monitoring frequency	Monitoring standard or method
Site Plan' (Ref.SA14575/08 submitted on 30/01/15) included in application EPR/ZP3830WQ/A001						

Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
Outlet to drainage ditch to the west of poultry house 2 as shown on the 'Drainage Arrangements Plan' (Ref.DH-DL-301) included in application EPR/ZP3830WQ/A001	Roof water from poultry houses 1-2 intercepted by attenuation ditches prior to discharge					
Outlet to drainage ditch to the west of poultry house 2 as shown on the 'Drainage Arrangements Plan' (Ref.DH-DL-301) included in application EPR/ZP3830WQ/A001	Yard water intercepted by attenuation ditches prior to discharge					

## 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	
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		
To be notified within 24 hours of detection		
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		
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.

"Animal and Plant Health Agency" is the government agency that licences small on farm incinerators; formerly known as the Animal Health and Veterinary Laboratories Agency.

"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 the Environment Agency 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.

"emissions to land" includes emissions to groundwater.

"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 limit.

"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.

"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.

"Industrial Emissions Directive" means DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions.

"Manure and slurry" have the following meaning:

- Manures may be either slurries or solid manures.
- Slurries consist of excreta produced by livestock whilst in a yard or building mixed with rainwater and wash water and, in some cases, waste bedding and feed. Slurries can be pumped or discharged by gravity.
- Slurry includes duck effluent, seepage from manure and wash water.
- Solid manures include farmyard manure (FYM) and comprise material from straw-based housing systems, excreta with lots of straw/sawdust/woodchips in it, or solids from mechanical separators.
- Most poultry systems produce solid manure (litter).
- Solid manure can generally be stacked.

"manure management plan" means the requirements described in Section 2.3 of SGN 6.09 How to Comply – Intensive Farming.

"virgin timber" means timber from

- Whole trees and the woody parts of trees including branches and bark derived from forestry works, woodland management, tree surgery and other similar operations (it does not include clippings or trimmings that consist primarily of foliage);
- Virgin wood processing (e.g. wood offcuts, shavings or sawdust from sawmills) or timber product manufacture dealing in virgin timber.
- If virgin timber is mixed with waste timber or any other waste, the mixed load is classed as waste.

"pests" means Birds, Vermin and Insects.

"SGN How to comply – Intensive Farming" The EPR Sector Guidance Note 6.09 for intensive pig and poultry farmers, Version 2 published January 2010.

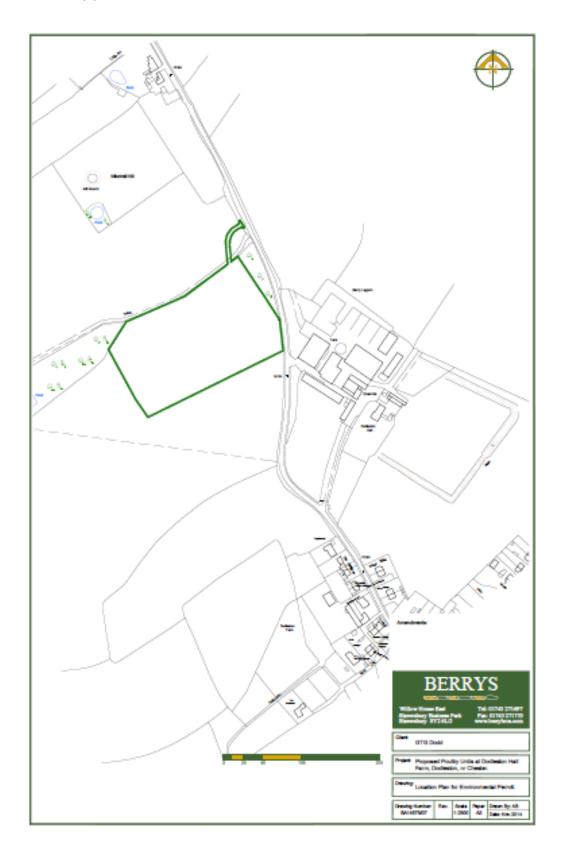
"waste code" means the six digit code referable to a type of waste in accordance with the List of Wastes (England)Regulations 2005, or List of Wastes (Wales) Regulations 2005, as appropriate, and in relation to hazardous waste, includes the asterisk.

"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

Installation boundary plan



END OF PERMIT