

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Mr William Watkins

Arkstone Court
Kingstone
Hereford
Herefordshire
HR2 9TR

Variation application number

EPR/EP3236ZU/V004

Permit number

EPR/EP3236ZU

Arkstone Court

Permit number EPR/EP3236ZU

Introductory note

This introductory note does not form a part of the notice.

Under the Environmental Permitting (England & Wales) Regulations 2010 (schedule 5, part 1, paragraph 19) a variation may comprise a consolidated permit reflecting the variations and a notice specifying the variations included in that consolidated permit.

Schedule 1 of the notice specifies the conditions that have been varied and schedule 2 comprises a consolidated permit which reflects the variations being made. All the conditions of the permit have been varied and are subject to the right of appeal.

Arkstone Court is situated approximately 800 metres northeast of the village of Kingstone, in Herefordshire. The installation is approximately centred on National Grid Reference SO 43689 36151.

This variation authorises the following changes:

- increase the broiler numbers from 279,000 to 479,000;
- extension of site boundary to accommodate four new poultry houses 7, 8, 9 & 10;
- installation of two additional 995kWth biomass boilers to heat the four new sheds.
- New discharge to soakaway

The rest of the installation is unchanged and continues to be operated as follows.

The ten poultry houses will provide a combined capacity for 479,000 bird places. Birds will be housed at a day old and are depopulated around 35 to 49 days of age, with between 6 to 8.5 cycles per annum, with approximately seven days empty. The houses are heated by 8 biomass boilers with an aggregated thermal input of 3,652kWth

All the poultry houses are ventilated by roof mounted extraction fans with an emission point higher than 6 metres above ground level and an efflux velocity speed greater than 7 metres per second, and side wall air inlets. All houses also have gable end fans, although these are operated infrequently to maintain temperature, typically in the summer months.

Food is stored at the installation in sealed feed silos situated at the ends of the houses. Mortalities are collected daily, stored in a secure container and disposed of in accordance with the current Animal By-Products Regulations. At the end of the cycle the houses are depopulated, washed and disinfected ready for the next cycle. All manure is exported from the installation for spreading on land owned by the operator.

Water from the wash out of poultry houses is channelled to an underground, sealed collection tank with a maximum capacity of 40,000 litres to await export off site. Clean roof water from all ten houses drains to an attenuation pond / soakaway present within the installation boundary. Yard water from the hard standing on site is also directed to the attenuation pond (excluding periods of washout when water from the yard drains to the underground tanks). A diverter valve channels water to either the dirty water storage or attenuation pond. The pond outfalls to a drainage ditch.

The land around the site is predominantly agricultural land. The surrounding topography is relatively flat and low lying. There are several designated nature conservation sites within the screening distance criteria: one Special Area of Conservation within 10 km of the site, four Sites of Special Scientific Interest within 5 km of the site, six Local Wildlife Sites and two Ancient Woodlands within 2 km of the farm. An assessment of the impact of emissions has been carried out and the installation is considered to have no adverse effect on the nature conservation sites.

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

The schedules specify the changes made to the permit.

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

Status log of the permit		
Description	Date	Comments
Application received EPR/EP3236ZU/A001	Duly made 25/02/13	Application for intensive farming broiler unit for 186,000 chicken places.
Additional information received	11/03/13	Confirmation relating to dirty water tank capacity; ventilation; attenuation pond; site drainage and fuel and food storage.
Permit determined EPR/EP3236ZU	15/04/13	Permit issued to Mr William Watkins.
Variation application EPR/EP3236ZU/V002	Duly made 17/09/13	Application to install and operate four 198kW biomass boilers fuelled by virgin timber.
Variation determined EPR/EP3236ZU/V002	19/09/13	Varied permit issued to Mr William Watkins.
Variation application EPR/EP3236ZU/V003	Duly made 08/05/14	Application to increase the bird numbers, extend the site boundary, add two new poultry houses and two biomass boilers.
Variation determined EPR/EP3236ZU/V003 (billing ref. WP3132VT)	02/07/14	Varied permit issued to Mr William Watkins.
Application EPR/EP3236ZU/V004 (variation and consolidation)	Duly made 08/08/17	Application to increase broiler numbers from 279,000 to 479,000, add four additional broiler houses, two biomass boilers and update the permit to modern conditions.
Additional information received	08/08/17	Confirmation of correct biomass boiler details.
Additional information received	06/09/17	Confirmation of acceptance of IF BREF monitoring and reporting requirements.
Additional information received	06/09/17	Submission of bio-aerosol risk assessment.
Variation determined EPR/EP3236ZU (Billing reference: FP3234YB)	03/11/17	Varied and consolidated permit issued in modern condition format to Mr William Watkins.

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies and consolidates

Permit number

EPR/EP3236ZU

Issued to

Mr William Watkins (“the operator”)

of

**Arkstone Court
Kingstone
Hereford
Herefordshire
HR2 9TR**

to operate an installation at

**Arkstone Court
Kingstone
Hereford
Herefordshire
HR2 9TR**

to the extent set out in the schedules.

The notice shall take effect from 03/11/2017

Name	Date
Mike Jenkins	03/11/2017

Authorised on behalf of the Environment Agency

Schedule 1

All conditions have been varied by the consolidated permit EPR/EP3236ZU as a result of the application made by the operator.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2010

Permit number

EPR/EP3236ZU

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/EP3236ZU/V004 authorising,

Mr William Watkins ("the operator"),

of

**Arkstone Court
Kingstone
Hereford
Herefordshire
HR2 9TR**

to operate an installation at

**Arkstone Court
Kingstone
Hereford
Herefordshire
HR2 9TR**

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

Name	Date
Mike Jenkins	03/11/2017

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.

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.

4.4 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 479,000 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 boilers	Operation of eight biomass boilers with an aggregated thermal rated input not exceeding 3.7 MWth, for site heating requirements, burning biomass fuel 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/EP3236ZU/A001	Responses to Part B3 section 3 of the application form and referenced supporting documentation.	25/02/13
Application EPR/EP3236ZU/A001	Odour management plan reference Odour Management Plan: Arkstone Court and Noise management plan reference Noise Management Plan: Arkstone Court in response to Part B3 section 3b, Table 3b – General Requirements of the application form.	25/02/13
Request for Information dated 08/03/2013	Email response to Request for Information confirming dirty water storage tank capacity; poultry house ventilation; attenuation pond details; site drainage; and fuel and food storage.	11/03/13
Application EPR/EP3236ZU/V002	Responses to Part C3 section 3 of the application form and other referenced supporting documentation, including revised site layout plan and biomass technical data.	12/08/13
Application EPR/EP3236ZU/V003	Application Part C3, Section 3 – Operating techniques. Supporting information: - Arkstone Drainage Plan - Site operations and pollution prevention measures - Non-Technical Summary - Site condition report - Biomass boilers operation details - Fugitive emissions plan - Odour Management plan - Noise Management plan	22/04/14
Additional information via email	Confirmation that the management system will meet guidance requirements. Clarification on point source emissions to air. Confirmation of the velocity of the roof fans.	07/05/14

Table S1.2 Operating techniques		
Description	Parts	Date Received
Additional information via email	Confirmation that the buildings to the west of the installation are the farm buildings not used for staff. Confirmation of the boiler efficiency.	08/05/14
Application EPR/EP3236MZ/V004	Responses to Parts C3.5 of the application form and referenced supporting documentation and plans.	08/08/17
Application EPR/EP3236MZ/V004	Revised odour management plan reference 'Odour Arkstone Court Farm' and Noise management plan reference 'Noise and Vibration Arkstone Court Farm' in response to Part C3.5 section 8b.	08/08/17
Additional information received	Response to request for information confirming correct detail for biomass boilers	08/08/17
Additional information received	Response to request for information proving a revised bio-aerosol risk assessment.	06/09/17

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.

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
High velocity roof extraction fan outlets on poultry houses 1 to 6 as shown on the site layout plan in schedule 7	Poultry houses 1 to 6	---	---	---	---	---
High velocity roof extraction fan outlets on poultry houses 7 to 10 as shown on the site layout plan in schedule 7	Poultry houses 7 to 10	---	---	---	---	---
Gable end fan outlets on poultry house 1 to 6 as shown on the site layout plan in schedule 7	Poultry houses 1 to 6	---	---	---	---	---
Gable end fan outlets on poultry house 7 to 10 as shown on the site layout plan in schedule 7	Poultry houses 7 to 10	---	---	---	---	---
Exhaust from standby generator as shown on the site layout plan in schedule 7	Standby Generator	---	---	---	---	---
Vent from oil tank as shown on the site plan reference plan in schedule 7	Diesel tank	---	---	---	---	---
Emissions from 8 biomass boilers as shown on the site layout plan in schedule 7	(Aggregated) 3.7 MWth biomass boilers	---	---	---	---	---

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 a tributary of Cage Brook via site attenuation pond at the north of site as indicated on the drainage plan in application EPR/EP3236ZU/V003	Uncontaminated Roof water from poultry houses 1 to 6	---	---	---	---	---
Outlet to drainage ditch a tributary of Cage Brook via soak away at the south of site as indicated on the drainage plan in application ref 'Arkstone Layout and drainage Plan New Housing' EPR/EP3236ZU/V004	Uncontaminated Roof water from poultry houses 7 to 10	---	---	---	---	---
Outlet to drainage ditch a tributary of Cage Brook via site attenuation pond north of building 1 to 6 indicated on the drainage plan in application EPR/EP3236ZU/V003	Water draining from yard areas from poultry houses 1 to 6 (excluding poultry house wash out periods)	---	---	---	---	---
Outlet to drainage ditch a tributary of Cage Brook via site soak away south of buildings 7 to 10 as indicated on the drainage plan ref 'Arkstone Layout and drainage Plan New Housing' EPR/EP3236ZU/V004	Water draining from yard areas from poultry houses 7 to 10 (excluding poultry house wash out periods)	---	---	---	---	---

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	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection	
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.

“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.

“Hazardous property” has the meaning in Annex III of the Waste Framework Directive.

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

“List of Wastes” means the list of wastes established by Commission Decision 2000/532/EC replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste, as amended from time to time.

“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.

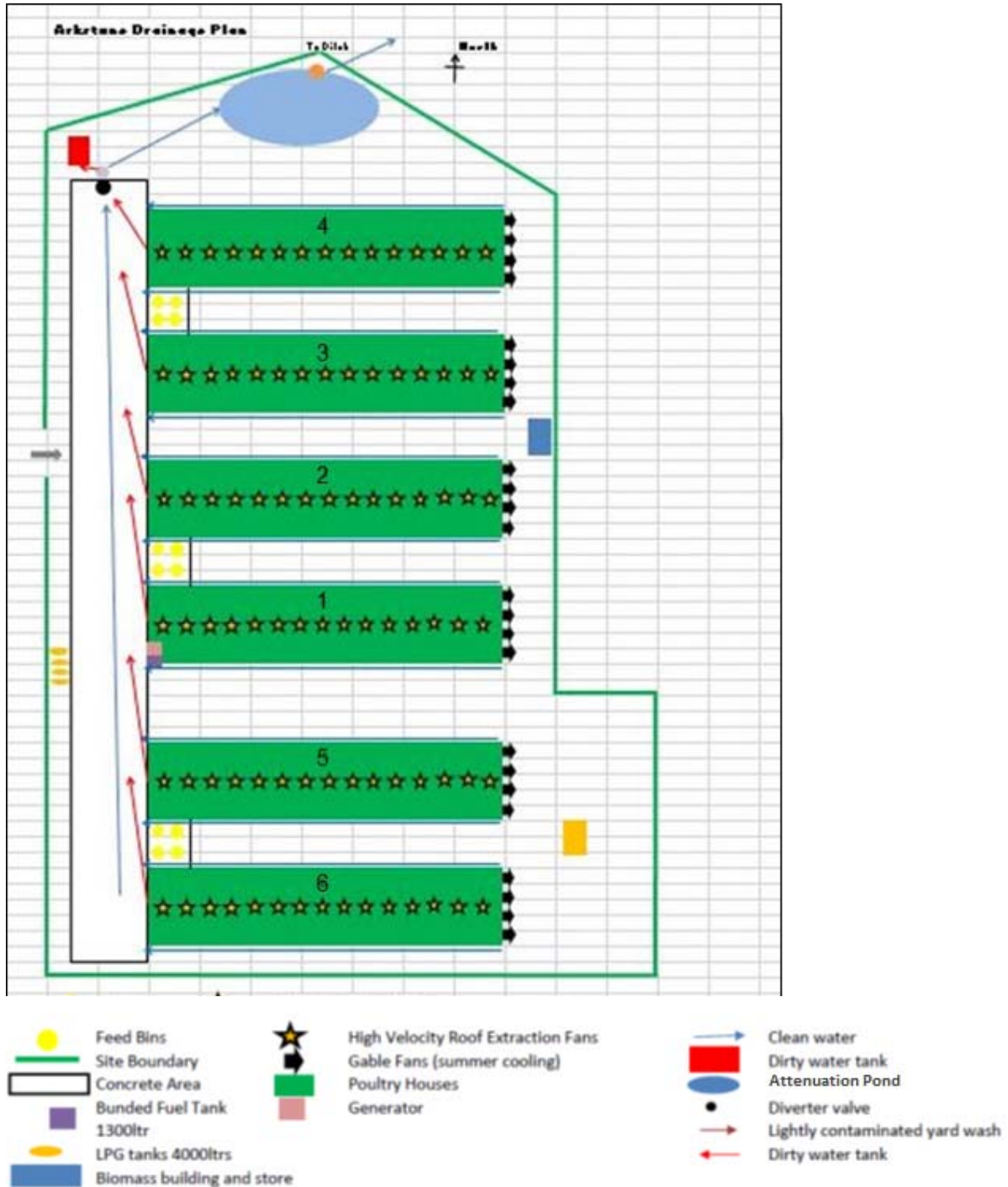
"Waste code" means the six digit code referable to a type of waste in accordance with the List of Wastes and in relation to hazardous waste, includes the asterisk

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

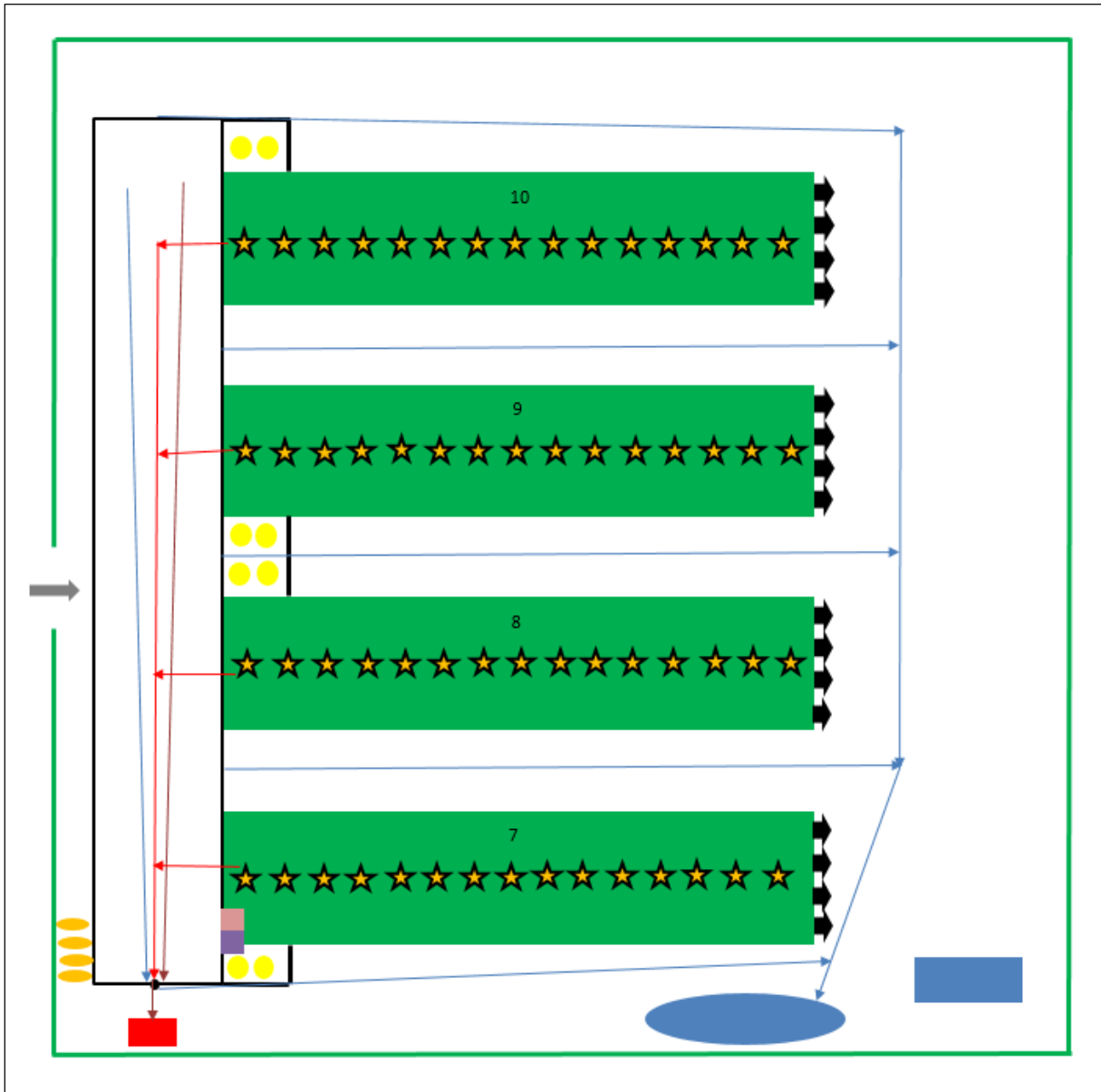
"year" means calendar year ending 31 December.
















Schedule 7 – Site plan

Site layout houses 1 to 6



Site layout houses 7 to 10



- | | | | | | |
|---|-----------------------------|---|------------------------------------|---|--------------------------------|
|  | Feed Bins |  | High Velocity Roof Extraction Fans |  | Clean water |
|  | Site Boundary |  | Gable Fans (summer cooling) |  | Dirty water tank |
|  | Concrete Area |  | Poultry Houses |  | Soak away pond (unlined) |
|  | Bunded Fuel Tank
1300ltr | | Generator |  | Diverter valve |
|  | LPG tanks 4000ltrs | | |  | Lightly contaminated yard wash |
|  | Biomass building and store | | |  | Dirty water tank |

Site plan – installation boundary



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END OF PERMIT