

# Notice of variation and consolidation with introductory note

## The Environmental Permitting (England & Wales) Regulations 2016

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Mr Hugh Carter  
East House Farm  
Trimdon  
Trimdon Station  
TS29 6NH

**Variation application number**

EPR/HP3733ZC/V004

**Permit number**

EPR/HP3733ZC

# East House Farm

## Permit number EPR/HP3733ZC

### Introductory note

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

Under the Environmental Permitting (England & Wales) Regulations 2016 (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.

This variation authorises the following changes:

This variation increases the bird places from 70,720 to 124,000 free range layer places, with the addition of two new poultry sheds numbered 7 and 8, and an increase in the installation boundary to include the ranging areas. Poultry sheds 7 & 8 will be an aviary system with litter belt removal and internal feed silos. These new houses also have a biomass boiler with a thermal rated input not exceeding 0.42 MWth to provide heat for a litter drying system. Two heat exchanger units are fitted on houses 7 and 8 (one adjacent to each house), these are operated according to manufacturer's instructions and have their own internal tank to collect the condensate, these tanks are emptied at the end of the cycle and will be spread on Operators land with the dirty water tanks.

This variation also includes two litter stores with a maximum storage of 1000 tonnes each, these are situated within the installation boundary. Existing houses 1 & 2 are being decommissioned with this application.

We have reviewed the new housing introduced with the permit variation for this installation against the best available techniques (BAT) conclusions as defined in the intensive rearing of poultry or pigs (IRPP) BAT conclusions document, dated 21/02/2017. The permit conditions and schedules ensure the compliance of the new housing with this BAT conclusions document. In addition we have reviewed existing housing, permitted before 21/02/2017, to ensure compliance.

The rest of the installation is unchanged and is operated as follows:

East House Farm Poultry Unit is spread across three locations situated approximately 1.5 kilometres east of the village of Trimdon, County Durham. The main farm is approximately centred on National Grid Reference NZ 38461 33474.

The installation is operated by Mr Hugh Carter and comprises of six poultry sheds, numbered 3 to 8. The six poultry houses provide a combined capacity for 124,000 free range layer bird places. House 3 operates a flat deck perchery with deep litter system. Houses 4 to 8 operate a multi-tier aviary system for free range laying hens and manure is removed by belts twice each week. The litter is temporarily stored in 1 of the 2 litter stores before all manure is exported from the installation for spreading on Operator owned land in accordance with the manure management plan in place at the farm.

Birds will be housed at point of lay (between 15-17 weeks old) and depopulated at the end of the birds egg laying cycle (between 72-78 weeks of age), this will be done on an all-in all-out basis. Each cycle duration is around 14 months. Birds are allowed to range by means of pop holes at the base of the sides of the houses.

Poultry houses 3 to 6 are naturally ventilated with ridge outlets, cold air enters through pop holes and exits through the ridge mounted chimney outlets. Poultry houses 3 to 6 also have gable end fans which draw air in through the roof chimneys and out through the fans. Poultry houses 7 & 8 are ventilated by high velocity roof fans with an emission point higher than 5.5 metres above ground level and an efflux speed greater than 11 metres per second.

Associated food is mixed and milled by a mobile feed mill on the installation. The feed is stored in galvanised steel food bins. Mortalities are collected daily and securely stored in vermin proof containers prior to collection by an approved animal by-products company. At the end of the cycle the houses are depopulated, pressure washed and disinfected ready for the next cycle.

Roof water from houses 3 to 8 and yard water (excluding all times yards are contaminated e.g. catching, mucking out or washing) drains to french drains running adjacent to all the poultry houses. For poultry houses 3 to 6 this then goes to an unlined attenuation pond with an overflow to the ditch (which ultimately drains to the River Skerne) north of poultry house 3. For poultry houses 7 and 8, the french drains goes to an unlined attenuation pond which can overflow to the ditch (which ultimately drains to the River Skerne) southeast of poultry house 8. This excludes periods where a diverter system directs the wash out water into the underground dirty water tanks, before being spread on operator owned land in accordance with a manure management plan.

The land around the site is predominantly agricultural. There are no Special Areas of Conservation (SAC) Special Protection Areas (SPA) and Ramsars within 5km of the installation boundary. There are 12 Sites of Special Scientific Interest (SSSI) within 5km of the installation, and 11 other nature conservation sites within 2km comprising of 9 Local Wildlife Sites (LWS) and 2 Local Nature Reserves (LNR). 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 permit 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.

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Application EPR/HP3733ZC/A001	Duly made 21/10/2013	Application for an intensive farming poultry installation permit.
Additional information received	06/01/2013	Confirmation of drainage, Odour and Noise management plans.
Permit determined EPR/HP3733ZC/A001	17/01/2014	Permit issued to Mr Hugh Carter.
Variation determined EPR/HP3733ZC/V002	01/02/2021	Environment Agency initiated variation for Intensive Farming BAT compliance permit review.
Variation returned EPR/HP3733ZC/V003	30/03/2023	Application returned as incomplete.
Application EPR/HP3733ZC/V004 (variation and consolidation)	Duly made 21/06/2023	Application to increase free range layer places to 124,000 with the addition of 2 new poultry houses, 2 litter stores and increase installation boundary. Variation also includes the addition of 1 biomass boiler and 2 heat exchangers. Existing houses 1 & 2 have been decommissioned.
Additional information received	23/08/2023	Drainage layout plans and details on drainage for poultry houses 3 to 6.
Additional information received	14/09/2023	Revised Installation boundary plan, sensitive receptor document and dust management plan received.

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Variation determined EPR/HP3733ZC (Billing reference: UP3601ST)	20/09/2023	Varied and consolidated permit issued in modern condition format.

End of introductory note

# Notice of variation and consolidation

## The Environmental Permitting (England and Wales) Regulations 2016

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies and consolidates

### Permit number

EPR/HP3733ZC

### Issued to

Mr Hugh Carter (“the operator”)

of

East House Farm  
Trimdon  
Trimdon Station  
TS29 6NH

to operate an installation at

East House Farm  
Trimdon  
Trimdon Station  
TS29 6NH

to the extent set out in the schedules.

The notice shall take effect from 20/09/2023.

Name	Date
Charlotte Wakefield	20/09/2023

Authorised on behalf of the Environment Agency

## **Schedule 1**

All conditions have been varied by the consolidated permit EPR/HP3733ZC/V004 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 2016

### Permit number

**EPR/HP3733ZC**

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/HP3733ZC/V004 authorising,

**Mr Hugh Carter** (“the operator”),

of

**East House Farm**

**Trimdon**

**Trimdon Station**

**TS29 6NH**

to operate an installation at

**East House Farm**

**Trimdon**

**Trimdon Station**

**TS29 6NH**

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

Name	Date
<b>Charlotte Wakefield</b>	<b>20/09/2023</b>

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, so far as is reasonably practicable, including those risks 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 the permit.

### 1.2 Energy efficiency

1.2.1 The operator shall:

- (a) take appropriate measures to ensure that energy is used efficiently in the activities; and
- (b) maintain records of fuel and energy consumption used in the activities.

### 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; and
- (b) maintain records of raw materials and water used in the activities.

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

1.4.1 The operator shall take appropriate measures to ensure that the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities and that;

- (a) 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
- (b) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.

## 2 Operations

### 2.1 Permitted activities

2.1.1 The only activities authorised by the permit are 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 The operator shall ensure that a diet formulation and nutritional strategy is used to reduce the total nitrogen and total phosphorus excreted.
- 2.3.5 The operator shall take appropriate measures in disposal or recovery of solid manure or slurry to prevent, or where this is not practicable, to minimise pollution.
- 2.3.6 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 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.

## **3 Emissions and monitoring**

### **3.1 Emissions to water, air or land**

There shall be no point source emissions to water, air or land except from the sources and emission points specified in table 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 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; and
- (b) process monitoring specified in table S3.3.

3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.

3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.

### **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; and
- (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 schedules 3, 4 and 5 to 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 maintain convenient access, in either electronic or hard copy, to the records, plans and management system required to be maintained by this permit.

### 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 For the following activities referenced in schedule 1, table S1.1 a report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:

- (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data.

4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:

- (a) in respect of the parameters and emission points specified in schedule 4 table S4.1;
- (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.2; and
- (c) giving the information from such results and assessments as may be required by the forms specified in those tables.

4.2.4 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; and
- (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:

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

In any other case:

- (e) the death of any of the named operators (where the operator consists of more than one named individual);
- (f) any change in the operator's name(s) or address(es); and
- (g) 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

<b>Table S1.1 Activities</b>		
<b>Activity listed in Schedule 1 of the EP Regulations</b>	<b>Description of specified activity</b>	<b>Limits of specified activity</b>
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 124,000 free range layer places.	From receipt of birds, raw materials and fuels onto the site to removal of birds and associated wastes from site.
<b>Directly Associated Activity</b>	<b>Description of specified activity</b>	<b>Limits of specified activity</b>
Mobile feed mill	The milling, mixing and transfer of feedstuff to and from storage areas.	From receipt of raw materials and fuels onto the site to removal of feed and associated wastes.
Biomass boiler	Operation of 1 biomass boiler with a thermal rated input not exceeding 0.42 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.

<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Application EPR/HP3733ZC/A001	Responses to Parts B2 and B3 of the application form and referenced supporting documentation.	07/08/2013
Response to Schedule 5 Notice dated 25/11/2013	Confirmation of drainage arrangements.	06/01/2013
Variation application EPR/HP3733ZC/V004 (variation and consolidation)	<p>Responses to Part C3.5 of the application form and referenced supporting documentation.</p> <p>Additional information received in response to not duly made request for information including confirmation of compliance with all relevant best available techniques (BAT) conclusions as defined in the intensive rearing of poultry or pigs (IRPP) BAT conclusions document, dated 21/02/2017. Confirmation that the heat exchangers are operated according to manufacturer's instructions and the condensate is collected, and receipt of the following documents:</p> <ul style="list-style-type: none"> <li>(Revised) Non-technical summary</li> <li>(Revised) Odour assessment</li> <li>(Revised) Noise Management Plan</li> <li>(Revised) Noise and vibration assessment</li> <li>(Revised) Fugitive emissions</li> <li>(Revised) Site condition report</li> <li>(Revised) Layout and drainage plan</li> <li>(Revised) Biomass boiler document</li> <li>(Revised) BAT document</li> <li>Raw materials inventory</li> </ul>	21/06/2023
Additional information requested 19/05/2023	Received drainage layout plans and details on drainage for poultry houses 3 to 6.	23/08/2023

**Table S1.2 Operating techniques**

<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Additional information requested 08/09/2023	Receipt of the following documents: (Revised) Installation boundary plan (Revised) Sensitive receptor document (Revised) Dust and bioaerosol management plan	14/09/2023

## 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 unit	Biomass chips or pellets comprising virgin timber, straw, miscanthus; or a combination of these.



## Schedule 3 – Emissions and monitoring

<b>Table S3.1 Point source emissions to air – emission limits and monitoring requirements</b>						
<b>Emission point ref. &amp; location</b>	<b>Source</b>	<b>Parameter</b>	<b>Limit (including unit)</b>	<b>Reference period</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
Ridge outlets with natural ventilation on poultry houses 3 to 6 as shown on the site layout plans in schedule 7	Poultry houses 3 to 6	---	---	---	---	---
High velocity roof fan outlets on poultry houses 7 & 8 shown on the site layout plans in schedule 7	Poultry houses 7 & 8	---	---	---	---	---
Gable end fan outlets on poultry houses 3 to 6 as shown on the site layout plans in schedule 7	Poultry houses 3 to 6	---	---	---	---	---
Exhaust from standby generator located south of poultry house 3 as shown on the site layout plans in schedule 7	Standby Generator	---	---	---	---	---
Vent from oil tank located south of poultry house 3 as shown on the site layout plans in schedule 7	Diesel tank	---	---	---	---	---
Emissions from 1 biomass boiler as shown on the site layout plans in schedule 7	0.42 MWth biomass boiler	---	---	---	---	---

<b>Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements</b>						
<b>Emission point ref. &amp; location</b>	<b>Source</b>	<b>Parameter</b>	<b>Limit (incl. unit)</b>	<b>Reference Period</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
French drains running adjacent to poultry houses 3 to 8 acting as soakaways as shown on the site layout plans in schedule 7	Roof water from poultry houses 3 to 8 and yard water (excluding all times yards are contaminated e.g. catching, mucking out or washing)	---	---	---	---	---

Outlet to unlined attenuation pond to the north of poultry house 6 as shown on the site layout plans in schedule 7	Roof water from poultry houses 3 to 6 and yard water (excluding all times yards are contaminated e.g. catching, mucking out or washing) intercepted by french drains acting as soakaways	---	---	---	---	---
Outlet to ditch north of poultry house 6 as shown on site layout plans in schedule 7 which ultimately drains to the River Skerne	Roof water from poultry sheds 3 to 6 and water draining from yard (excluding all times yards are contaminated e.g. catching, mucking out or washing) via french drains and an attenuation pond acting as soakaways	---	---	---	---	---
Outlet to unlined attenuation pond to the southeast of poultry house 8 as shown on the site layout plans in schedule 7	Roof water from poultry houses 7 & 8 and yard water (excluding all times yards are contaminated e.g. catching, mucking out or washing) intercepted by french drains acting as soakaways	---	---	---	---	---
Outlet to ditch southeast of poultry house 8 as shown on the site layout plans in schedule 7 which ultimately drains to the River Skerne	Roof water from poultry houses 7 & 8 and yard water (excluding all times yards are contaminated e.g. catching, mucking out or washing) via french drains and an attenuation pond acting as soakaways	---	---	---	---	---

<b>Table S3.3 Process monitoring requirements</b>				
<b>Emission point reference or source or description of point of measurement</b>	<b>Parameter</b>	<b>Limit (incl. Unit)</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
Laying hens in houses 3 to 8	kg N excreted/animal place/year	0.8 kg N/animal place/year	Annually	Estimation by using manure analysis for total nitrogen content
Laying hens in houses 3 to 8	kg P <sub>2</sub> O <sub>5</sub> excreted/animal place/year	0.45 kg P <sub>2</sub> O <sub>5</sub> /animal place/year	Annually	Estimation by using manure analysis for total phosphorus content
Laying hens non-cage housing system (non-deep pit housing) in houses 4 to 8	kg NH <sub>3</sub> /animal place/year	0.13 kg NH <sub>3</sub> /animal place/year	Annually	Estimation using emission factors
Laying hens non-cage housing system (deep pit) in house 3 (1)	kg NH <sub>3</sub> /animal place/year	0.25 kg NH <sub>3</sub> /animal place/year	Annually	Estimation using emission factors
Laying hens in houses 3 to 8	Dust	n/a	Annually	Estimation using emission factors

#### **Notes**

- (1) Existing plant using a forced ventilation system and an infrequent manure removal (deep litter with a manure pit) in combination with a measure achieving a high dry matter content of the manure or other techniques ensuring an equivalent level of environmental protection.

## Schedule 4 – Reporting

Parameters, for which reports shall be made, in accordance with conditions of this permit, are listed below.

<b>Table S4.1 Reporting of monitoring data</b>			
<b>Parameter</b>	<b>Emission or monitoring point/reference</b>	<b>Reporting period</b>	<b>Period begins</b>
Process monitoring Parameters as required by condition 3.5.1	-	Every 12 months	1 January

<b>Table S4.2 Reporting forms</b>		
<b>Media/parameter</b>	<b>Reporting format</b>	<b>Date of form</b>
kg NH <sub>3</sub> /animal place/year	Form Process Monitoring 1 or other form as agreed in writing by the Environment Agency	01/02/2021
kg N excreted/animal place/year	Form Process Monitoring 1 or other form as agreed in writing by the Environment Agency	01/02/2021
kg P <sub>2</sub> O <sub>5</sub> excreted/animal place/year	Form Process Monitoring 1 or other form as agreed in writing by the Environment Agency	01/02/2021
Dust atmospheric mass emission	Form Process Monitoring 1 or other form as agreed in writing by the Environment Agency	01/02/2021

# 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	

<b>(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>	
<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>(b) Notification requirements for the breach of a limit</b>	
<b>To be notified within 24 hours of detection</b>	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

<b>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 breach of permit conditions not related to limits</b>	
To be notified within 24 hours of detection	
Condition breached	
Date, time and duration of breach	
Details of the permit breach i.e. what happened including impacts observed.	
Measures taken, or intended to be taken, to restore permit compliance.	

<b>(d) Notification requirements for the detection of any significant adverse environmental effect</b>	
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 2016 No.1154 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

“Existing housing” means housing that is not defined as new housing.

“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, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

“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.

“New housing” means housing first permitted at the installation following the publication of the intensive rearing of poultry or pigs (IRPP) best available techniques (BAT) conclusions document dated 21/02/17, or a complete replacement of existing housing after 21/02/17.

“MCERTS” means the Environment Agency’s Monitoring Certification Scheme.

“pests” means Birds, Vermin and Insects.

“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.

“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.

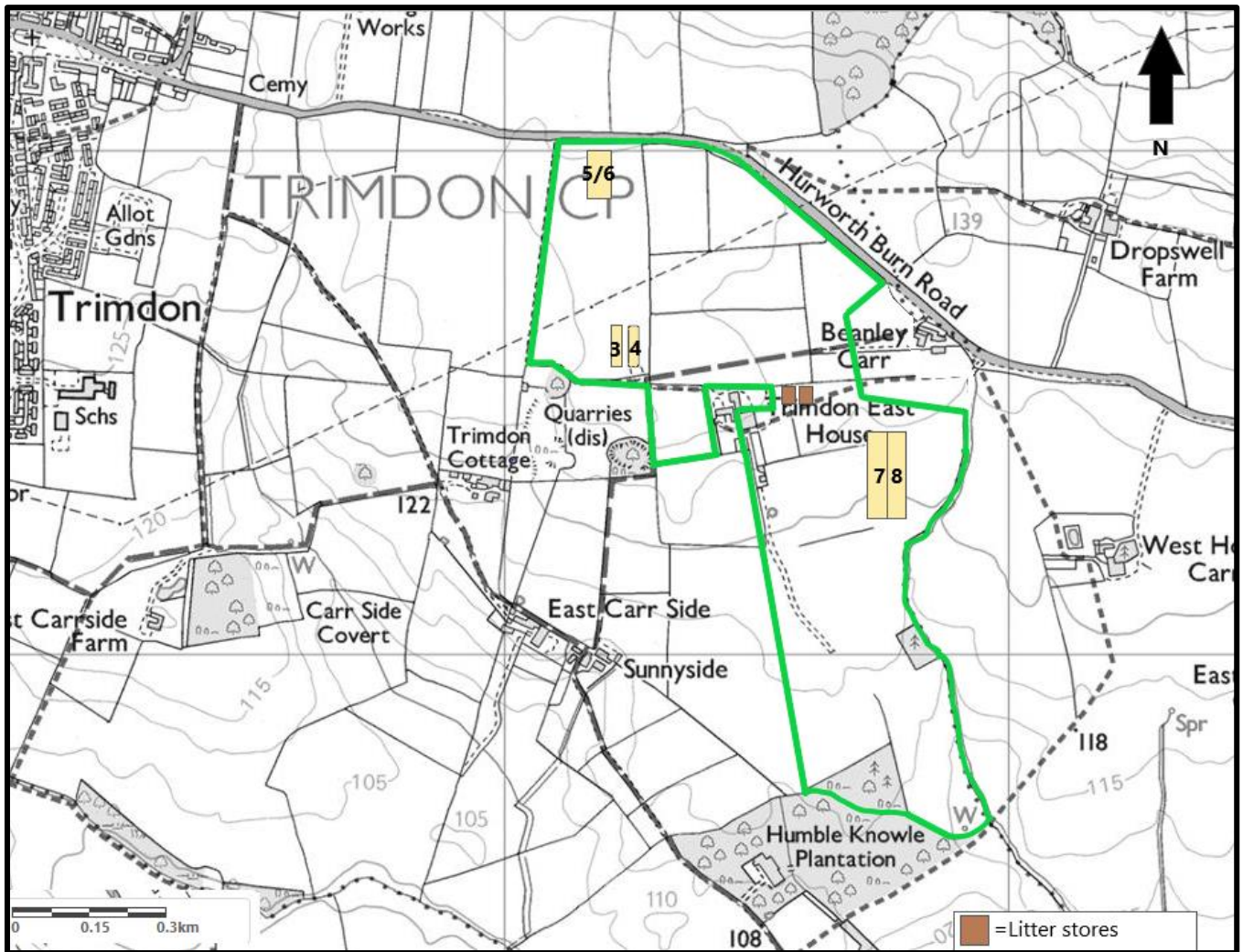
“Waste Framework Directive” or “WFD” means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste.

“year” means calendar year ending 31 December.

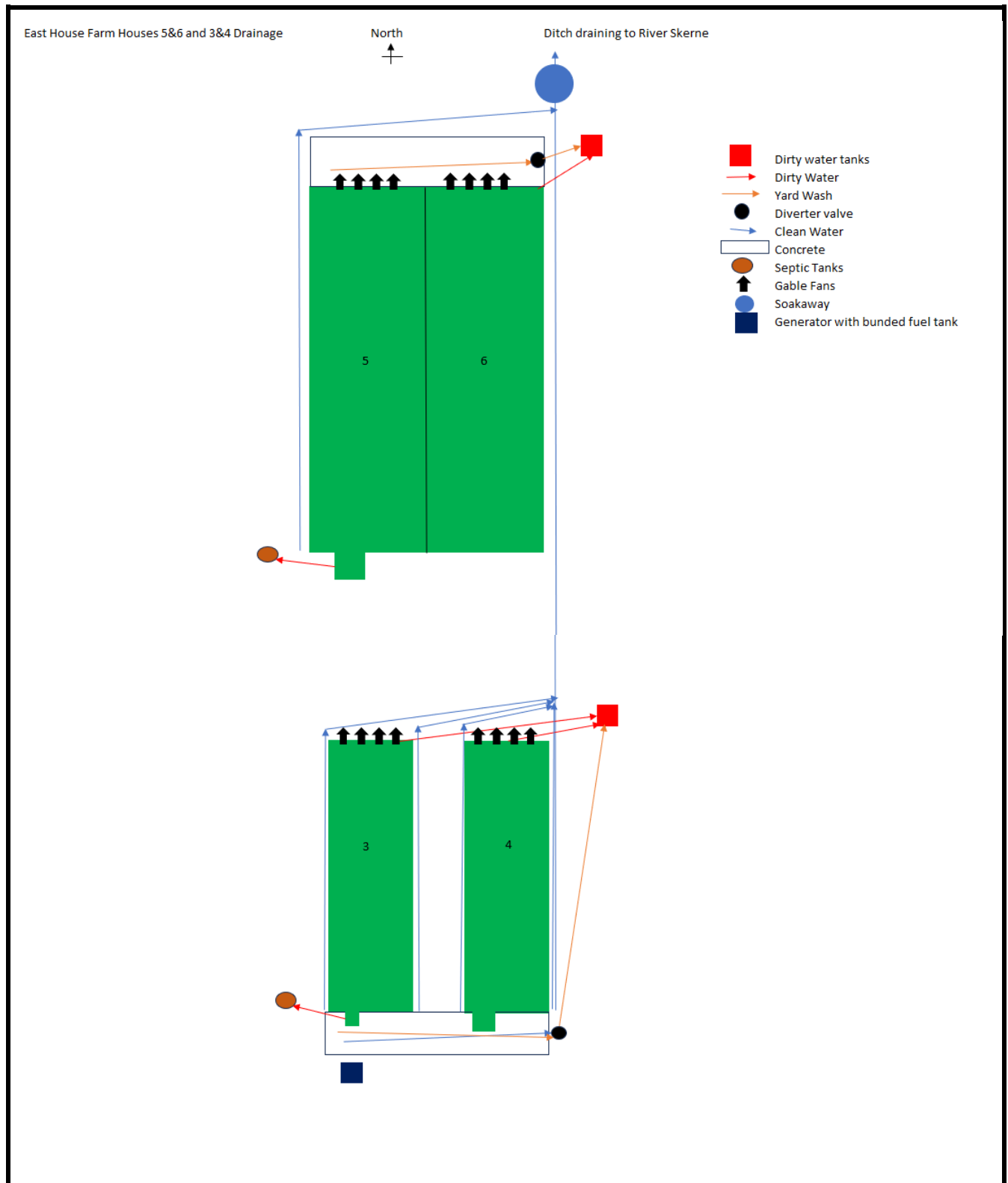


# Schedule 7 – Site plan

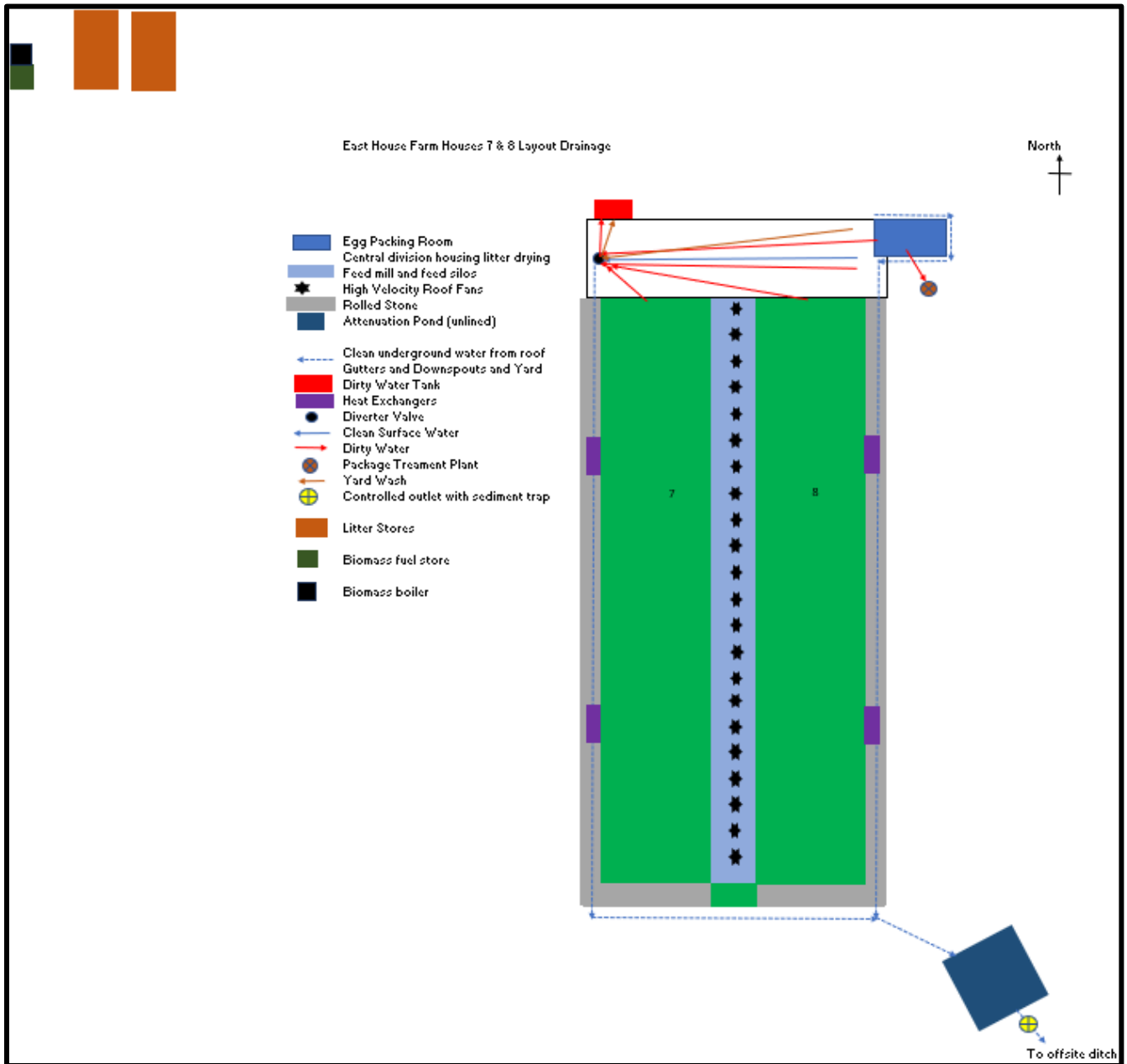
Site plan - showing installation boundary as referred to in condition 2.2.1.



Site layout plan for houses 3 to 6



Site layout plan for houses 7 and 8



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END OF PERMIT