

Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Boarcross Limited
Braemar Hill Farm
Fieldend Lane
Elstronwick
Hull
HU12 9BX

Permit number

EPR/VP3935YT

Braemar Hill Farm

Permit number EPR/VP3935YT

Introductory note

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

The main features of the permit are as follows.

Braemar Hill Farm is located to the east of the village of Langtoft and the surrounding land is used for arable farming. The installation is approximately centred on National Grid Reference TA 23111 31269.

The installation is operated by Boarcross Limited and the existing below threshold site is expanding to comprise nineteen pig houses, which operate as a combined breeding and finishing unit. The nineteen pig houses will provide a combined capacity for 1,660 sows. All progeny are taken off site at 20kg. Replacement gilts are kept in straw bedded pens up to service.

All gilt/sow accommodation is naturally ventilated and are straw bedded. Accommodation is mucked out three times a week, via a scrape through system. All farrowing is in fully slatted accommodation with controlled fan ventilation. Slurry is stored in a slurry channel underneath the sheds, sucked out on a weekly rota, and stored in one of two lagoons, with a total volume capacity of 4,013.18 m³. All manure and slurry is exported from the installation for spreading on land owned by third parties. A maximum of 150 tonnes of manure is stored on site at any one time between two middens, both purpose built with impermeable concrete bases and perimeter channels to allow any leachate to be collected.

All feed is purchased externally and brought onto site, with diets formulated with optimum protein levels and fed in controlled quantities to match the requirements of the breeding cycle. The grower pellets are reduced from 20% protein to 16.8% protein at day 21 (spend 35 days on site post weaning). Further protein content reduction, initially through using lower specification creeps. All carcasses are stored in a sealed container and are then removed off site by a contractor.

There is a 0.1 MWth virgin biomass boiler on site, which provides electricity for the farm and heat for the sows and weaners. The majority of water for the site is sourced from an on-site borehole. Dirty water from cleaning out is treated as slurry and directed to the slurry store, along with any leachate from the manure stores. Roof water from the houses drains to soakaways present within the installation boundary.

There are no Special Areas of Conservation (SAC), Special Protection Areas (SPA) and Ramsars within 5km of the installation. There are 2 Sites of Special Scientific Interest (SSSI) within 5km of the installation, and no other nature conservation sites within 2km comprising. 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.

We have reviewed the permit for this installation against the revised BAT Conclusions in the Intensive Farming BAT conclusions document dated February 2017. The permit conditions and schedules ensure the compliance of this installation with this BAT conclusions document.

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/VP3935YT/A001	Duly made 28/08/18	Application for an intensive farming pig installation permit.
Schedule 5 notice issued	01/10/18	
Schedule 5 part response	03/10/18 and 29/10/18	The following information was received as part of the Schedule 5 response: Updated Odour Management Plan, Dust Management Plan and Non-Technical Summary.

Status log of the permit		
Description	Date	Comments
Schedule 5 part response	03/10/18, 29/10/18, 04/12/18 and 12/12/18	The following information was received as part of the Schedule 5 response: Clarification on livestock numbers and categories, and site layout.
Information received in response to request sent on 04/12/18 and 11/12/18	04/12/18 and 12/12/18	Additional information regarding site drainage.
Information received in response to request sent on 23/01/19	23/01/19	Additional information regarding pig house ventilation.
Information received in response to request sent on 15/02/19	07/03/19 and 11/03/19	Additional information regarding compliance with BAT Conclusions.
Permit determined EPR/VP3935YT (Billing reference: VP3935YT)	18/04/19	Permit issued to Boarcross Limited.

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/VP3935YT

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2016

Boarcross Limited (“the operator”),

whose registered office is

Eastgate Farm

Main Street

Thwing

Driffield

YO25 3DS

company registration number 01781886

to operate an installation at

Braemar Hill Farm

Fieldend Lane

Elstronwick

Hull

HU12 9BX

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

Name	Date
Daniel Timney	18/04/2019

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;
 - (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 activity (*activities*) authorised by the permit is (*are*) the activity (*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 blue on the site location 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 phosphorous 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.

2.4 Improvement programme

- 2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.
- 2.4.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

2.5 Pre-operational conditions

- 2.5.1 The operations specified in schedule 1 table S1.4 shall not commence until the measures specified in that table 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 specified in table S3.1 and 3.2.
- 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.
- (b) the annual production /treatment data set out in schedule 4 table S4.2;

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 S4.3; 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 (a)(i), or 4.3.1 (b)(i) where the information relates to the breach of a limit specified in the permit, 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

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)(iii) Rearing of pigs intensively in an installation with more than 750 places for sows	Rearing of pigs intensively in an installation with a capacity for 1,660 sow places.	Keeping of sows and served gilts for production of piglets, from receipt of raw materials and fuels on to the site to removal of weaners and associated wastes from site.
Directly Associated Activity	Description of specified activity	Limits of specified activity
Rearing production pigs (over 30 kg) (below the threshold)	Rearing of pigs intensively in an installation with a capacity (below the threshold) for 95 production pig places (including 5 boars).	Keeping of production pigs and not served gilts (over 30 kg), including from receipt of raw materials and fuels on to the site to pigs and associated wastes being removed from site.
Rearing of pigs (up to 30 kg)	Rearing of 2,600 pigs to 30 kg.	From weaning pigs and receipt of raw materials and fuels on to the site up to pigs reaching 30 kg and removal of pigs and associated wastes from site.
Biomass boiler	Operation of a biomass boiler with a thermal rated input not exceeding 0.1 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/VP3935YT/A001	Responses to Part B3.5 of the application form and referenced supporting documentation – Accident Management Plan, Technical Standards, Environmental Risk Assessment and Noise Management Plan.	02/05/18, 04/07/18, 05/07/18, 16/07/18, 30/07/18, 08/08/17 and 20/08/18
Response to Schedule 5 Notice dated 01/10/18	Updated Odour Management Plan, Dust Management Plan and Non-Technical Summary.	03/10/18 and 29/10/18
Additional information received in response to request sent on 15/02/19	Response regarding compliance with BAT Conclusions.	07/03/19 and 11/03/19

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC1	A written plan shall be submitted to the Environment Agency for approval detailing proposals for replacing or covering existing uncovered slurry stores and lagoons to comply with the requirements in the BAT Conclusion (BAT 16 – Emissions from slurry storage). The proposals shall include a timetable for the replacement and refurbishment work. The notification requirements of condition 2.4.2 shall be deemed to have been complied with on submission of the plan.	18/10/19

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
	The plan shall be implemented by the operator from the date of approval in writing by the Environment Agency subject to such amendments or additions as notified by the Environment Agency.	

Table S1.4 Pre-operational measures for future development

Reference	Operation	Pre-operational measures
1PO	Stocking of animals within new pig buildings 4a, 1a, 15a and 16.	The operator shall provide notification to the Environment Agency at least 2 weeks before the introduction of animal places to the new buildings.

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
Heavy fuel oil (diesel)	Less than 1.0% sulphur

Schedule 3 – Emissions and monitoring

Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
Roof fan outlets as referred to in application EPR/VP3935YT/A001	Houses 4, 4a, 5, 7, 13, 14 and 15	---	---	---	---	---
Side fan outlets as referred to in application EPR/VP3935YT/A001	Houses 1a, 2, 3, 8, 9 and 10	---	---	---	---	---
Emergency/standby diesel generator	Standby Generator	---	---	---	---	---
Vent on diesel storage tank	Diesel tank	---	---	---	---	---
Vent on kerosene storage tank	Kerosene tank	---	---	---	---	---
Emissions from biomass boiler as referred to on the site emissions plan in application EPR/VP3935YT/A001	0.1 MWth virgin biomass boiler	---	---	---	---	---

Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
Outlets to drains as referred to on the site drainage plan in EPR/VP3935YT/A001	Uncontaminated roof water from pig houses 1, 1a, 2, 3, 6-14, 17 and 18	---	---	---	---	---
Soakaways as referred to on the site drainage plan in EPR/VP3935YT/A001	Uncontaminated roof water from pig houses 4, 4a, 5, 15 and 15a	---	---	---	---	---

Emission point reference or source or description of point of measurement	Parameter	Limit (incl. Unit)	Monitoring frequency (1)	Monitoring standard or method
Weaners (Rearing of pigs up to 30 kg) in houses 1a, 2, 7, 9 and 10	kg N excreted/animal place/year	4.0 kg N/animal place/year	Annually	Using a mass balance of nitrogen based on the feed intake, dietary content of crude protein and animal performance or

Table S3.3 Process monitoring requirements

Emission point reference or source or description of point of measurement	Parameter	Limit (incl. Unit)	Monitoring frequency (1)	Monitoring standard or method
				Estimation by using manure analysis for total nitrogen content
	kg P ₂ O ₅ excreted/animal place/year	2.2 kg P ₂ O ₅ animal place/year	Annually	Using a mass balance of phosphorus based on the feed intake, dietary content of crude protein, total phosphorus and animal performance or Estimation by using manure analysis for total phosphorus content
Weaners (Rearing of pigs up to 30 kg) in houses 1a, 2, 7, 9 and 10	kg NH ₃ /animal place/year	0.53 kg NH ₃ /animal place/year	Annually	Estimation using emission factors
Fattening Pigs (production pigs (over 30 kg) in houses 1, 6 and 17	kg N excreted/animal place/year	13.0 kg N/animal place/year	Annually	Using a mass balance of nitrogen based on the feed intake, dietary content of crude protein and animal performance or Estimation by using manure analysis for total nitrogen content
	kg P ₂ O ₅ excreted/animal place/year	5.4kg P ₂ O ₅ animal place/year	Annually	Using a mass balance of phosphorus based on the feed intake, dietary content of crude protein, total phosphorus and animal performance or Estimation by using manure analysis for total phosphorus content
Fattening Pigs (production pigs over 30 kg) in houses 1, 6 and 17	kg NH ₃ /animal place/year	5.65 kg NH ₃ /animal place/year	Annually	Estimation using emission factors
Farrowing sows in houses 4, 4a, 5, 8, 13, 14 and 15 (including suckling piglets)	kg N excreted/animal place/year	30.0 kg N/animal place/year	Annually	Using a mass balance of nitrogen based on the feed intake, dietary content of crude protein, and animal performance or Estimation by using manure analysis for total nitrogen content
	kg P ₂ O ₅ excreted/animal place/year	15 kg P ₂ O ₅ animal place/year	Annually	Using a mass balance of phosphorus based on the feed intake, dietary content of crude protein, total phosphorus and animal performance or Estimation by using manure analysis for total phosphorus content
Farrowing sows (including suckling piglets) in houses 4,	kg NH ₃ /animal place/year	5.6 kg NH ₃ /animal place/year	Annually	Estimation using emission factors

Table S3.3 Process monitoring requirements

Emission point reference or source or description of point of measurement	Parameter	Limit (incl. Unit)	Monitoring frequency (1)	Monitoring standard or method
4a, 5, 8, 13, 14 and 15				
Mating and gestating sows in houses 1, 3, 6, 11, 12, 15a and 18	kg N excreted/animal place/year	30.0 kg N/animal place/year	Annually	Using a mass balance of nitrogen based on the feed intake, dietary content of crude protein, and animal performance or Estimation by using manure analysis for total nitrogen content
	kg P ₂ O ₅ excreted/animal place/year	15 kg P ₂ O ₅ animal place/year	Annually	Using a mass balance of phosphorus based on the feed intake, dietary content of crude protein, total phosphorus and animal performance or Estimation by using manure analysis for total phosphorus content
Mating and gestating sows in houses 1, 3, 6, 11, 12, 15a and 18	kg NH ₃ /animal place/year	5.2 kg NH ₃ /animal place/year	Annually	Estimation using emission factors
Animal type (pigs)	Dust	n/a	Annually	Estimation using emission factors

Schedule 4 – Reporting

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

Table S4.2: Annual production/treatment	
Parameter	Units
-	-

Table S4.3 Reporting forms		
Media/parameter	Reporting format	Date of form
kg NH ₃ /animal place/year	Form Process Monitoring 1 or other form as agreed in writing by the Environment Agency	18/04/19
kg N excreted/animal place/year & kg P ₂ O ₅ excreted/animal place/year	Form Process Monitoring 1 or other form as agreed in writing by the Environment Agency	18/04/19
Dust atmospheric mass emission	Form Process Monitoring 1 or other form as agreed in writing by the Environment Agency	18/04/19

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	EPR/VP3935YT/A001
Name of operator	Boarcross Limited
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	
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.

“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.

“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.

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

“pests” means Birds, Vermin and Insects.

‘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.

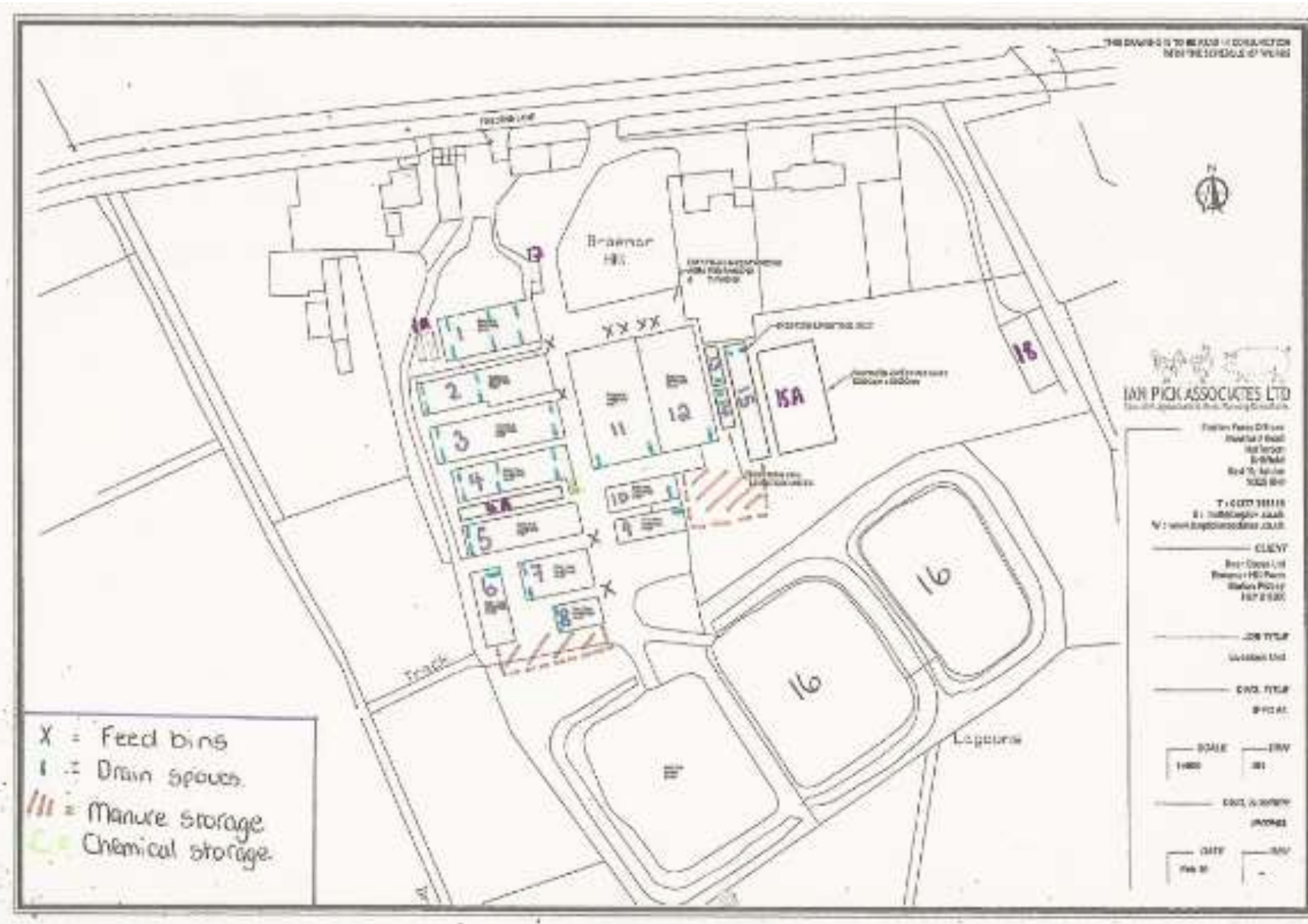
“year” means calendar year ending 31 December.

Schedule 7 – Site plans

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



Site Layout Plan



END OF PERMIT