

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

W & A C Rose (Farms) Limited

Johnnies Farm
The Cliff
Middle Street
Ingham
Lincolnshire
LN1 2YQ

Variation application number

EPR/XP3130DC/V002

Permit number

EPR/XP3130DC

Johnnies Farm

Permit number EPR/XP3130DC

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:

The installation has increased poultry houses from six to eight – numbered one to eight. The eight poultry houses provide a combined capacity for 435,000 bird places (increased from 300,000 places).

The site's boundary has been increased and drainage infrastructure adjusted. The new drainage includes a rainwater harvesting lagoon for all clean roof water, while clean yard water is drained via a soakaway. There is an overflow pipe from the lagoon to the soakaway. Clean drainage systems will not be contaminated. Diverter bungs will be used during washdown periods to direct contaminated waters into the dirty water tanks thus avoiding contaminating the clean surface water drainage. Heat exchangers are fitted to all poultry houses.

Further infrastructure alteration includes exchanging original two on-site biomass boilers for a single biomass boiler with a thermal input of 1.79MW to provide heat to the poultry houses. This boiler will be a new medium combustion plant (MCP) which is fed with cereal straw. The grid reference for the stack of the boiler is SK 96654 84411. This boiler falls under the requirements of the Medium Combustion Plant Directive.

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 21/02/17. 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 21/02/17, to ensure compliance.

Amendment to site name.

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

The installation is operated by W & A C Rose (Farms) Limited. Johnnies Farm lies on ground to the east of Ingham. The installation is approximately centred on National Grid Reference SK 96590 84303. Predominantly the nearby land is arable farming. There are sensitive receptors within 400m of the installation, and the operator has provided a revised odour management plan and noise management plan. The site lies within a groundwater Protection Zone 2.

Birds will be housed at day old and depopulated at around thirty eight days of age with approximately ten days empty, which will give 7.5 cycles per annum. This will be done on an all out all in basis.

All poultry houses have high velocity roof outlets with a fan efflux velocity of 11m/s. All eight houses also have gable end fans, although these are operated infrequently to maintain temperature, typically during the summer months.

Immediately following depopulation, litter is removed from the sheds and used on the operator's own land. No litter is stored at the installation. The houses are then washed and disinfected prior to the cycle beginning again.

Feed is delivered from the company UKASTA which is an accredited feed mill, and blown into bulk feed bins situated at the ends of the houses. From the feed bins, the feed is augered into the houses and distributed to the birds via a pan feeding system. Feed storage bins are specifically designed to accommodate the required feeding regime.

Fallen stock during the production cycle will be collected and recorded daily. These will be collected by a licenced disposal contractor under the National Fallen Stock Scheme.

The poultry housing fans are fitted with back draft shutters to prevent drafts and unnecessary heat loss.

There are no Special Areas of Conservation (SAC), Special Protection Areas (SPA) and no Ramsars within 10km of the installation. In addition, there are no Sites of Special Scientific Interest (SSSI) within 5km of the installation. There is also one Local Wildlife Sites (LWS) within 2km screening distance. 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.

The site is not subject to a Climate Change Levy Agreement.

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.

Status log of the permit		
Description	Date	Comments
Application received EPR/XP3130DC/A001	Duly made 27/03/17	Application for intensive farming poultry installation permit.
Permit determined EPR/XP3130DC/A001	01/08/17	Permit issued to W & A C Rose (Farms) Limited.
Application EPR/XP3130DC/V002 (variation and consolidation)	Duly made 05/05/22	Application to vary the permit and update to modern conditions
Additional information received	06/09/22	Information relating to the biomass boiler which includes the following documents: Biomass boiler risk assessment and Biomass boiler management, revised site boundary drawing and contingency plan
Additional information received	09/09/22	Schedule 5 response received which includes the following revised documents: Accident Assessment Manor Farm, Contingency Measures for Manor Farm, Manor Farm Emergency Plan, Noise Management Plan Manor Farm Poultry Unit, Summary of operational activities, Odour Assessment Manor Farm, Odour Management Plan Manor Farm, Site Condition Report, Technical Standards Manor Farm
Additional information received	21/10/22	Amended site infrastructure plan, boiler information and Dust Management Plan submitted
Additional information received	16/12/22	Confirmation of estimating using manure analysis for N and P ² O ⁵
Variation determined EPR/XP3130DC (Billing reference: PAS ZP3105MX)	18/01/23	Varied and consolidated permit issued to W & A C Rose (Farms) Limited 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/XP3130DC

Issued to

W & A C Rose (Farms) Limited ("the operator")

whose registered office is

**Albion House Manor Farm
Fillingham
Gainsborough
Lincolnshire
DN21 5BS**

company registration number **01839386**

to operate an installation at

**Johnnies Farm
The Cliff
Middle Street
Ingham
Lincolnshire
LN1 2YQ**

to the extent set out in the schedules.

The notice shall take effect from 18/01/2023

Name	Date
Vicky Patchett	18/01/2023

Authorised on behalf of the Environment Agency

Schedule 1

All conditions have been varied by the consolidated permit EPR/XP3130DC 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/XP3130DC

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/XP3130DC/V002 authorising,

W & A C Rose (Farms) Limited (“the operator”),

whose registered office is

Albion House Manor Farm

Fillingham

Gainsborough

Lincolnshire

DN21 5BS

company registration number **01839386**

to operate an installation at

Johnnies Farm

The Cliff

Middle Street

Ingham

Lincolnshire

LN1 2YQ

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

Name	Date
Vicky Patchett	18/01/2023

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

- 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 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.
- 3.1.4 For the following activities referenced in schedule 1, table S1.1 (A1 to A4 etc.) the first monitoring measurements shall be carried out within four months of the issue date of the permit or the date when the MCP is first put into operation, whichever is later.

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

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 435,000 broiler poultry 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
Medium Combustion Plant – stack grid reference SK 96654 84411	Operation of 1 biomass boiler with a thermal rated input not exceeding 1.79 megawatts. Individual unit for site heating requirements, burning biomass fuel not comprising waste or animal carcasses.	From receipt of raw materials and fuels, to the release of combustion products to air and associated wastes removed from site.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application EPR/XP3130DC/A001	Responses to Part B3.5 of the application form and referenced supporting documentation.	13/02/17
Response to Schedule 5 Notice dated 19/04/17	Response to questions 1, confirming the farm will be operated in accordance with the new BAT conclusions, and 2 detailing site operation with regard to drainage.	01/06/17
Application EPR/XP3130DC/V002 (variation and consolidation)	Application form Part C3.5 and referenced supporting documentation and plans. This includes 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 21/02/17. Supporting documents received titled: 'Minimising Water Use' 'Fugitive emissions Manor Farm' 'Environment Management System Summary' 'Noise and vibration Manor Farm' 'Raw materials inventory' 'Site closure plan Manor Farm 2021'	07/12/21
Additional information requested 16/08/22	Response to Schedule 5 Notice requesting the following information contained in email received by the Environment Agency 09/09/22 at 16:18 regarding slurry storage. In addition, the following revised documents were received as part of this response: 'Accident Assessment Manor Farm' 'Contingency measures' 'Emergency plan' 'Noise management plan'	09/09/22

Table S1.2 Operating techniques

Description	Parts	Date Received
	'Odour assessment Manor Farm' 'Odour management plan' 'Site condition report' 'Summary of operational activities carried out at the installation' 'Technical Standards Manor Farm'	
Additional information requested 05/09/22	Information requested regarding details of the biomass boiler and adjusted site boundary plan. The following documents were received: 'Site boundary plan' drawing 'Biomass operation – management/fire prevention/emergency plan – Manor Farm' Biomass boiler risk assessment	06/09/22
Additional information requested 20/10/22	Biomass boiler information and revised site infrastructure plan provided	21/10/22
Additional information requested 16/12/2022	Confirmation of manure analysis for N and P ² O ⁵	16/12/22

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 or miscanthus

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 fan outlets on poultry houses 1-8 as shown on the site infrastructure plan received on 21/10/22 included with application EPR/XP3130DC/V002	Poultry houses 1-8	---	---	---	---	---
Gable end fan outlets on poultry houses 1-8 shown on the site infrastructure plan received on 21/10/22 included with application EPR/XP3130DC/V002	Poultry houses 1-8	---	---	---	---	---
Exhaust from standby generator as shown on the site infrastructure plan received on 21/10/22 included with application EPR/XP3130DC/V002	Standby Generator	---	---	---	---	---
Vent from oil tank as shown on the site infrastructure plan received on 21/10/22 included with application EPR/XP3130DC/V002	Fuel tank	---	---	---	---	---
Outlet from heat exchangers on poultry houses as shown on the site infrastructure plan received on 21/10/22 included with application EPR/XP3130DC/V002	Poultry houses 1-8	---	---	---	---	---
Emissions from 1 biomass boiler subject to MCPD as shown on the site infrastructure plan received on 21/10/22 included with application EPR/XP3130DC/V002 Stack grid reference is SK 96654 84411.	1.79 MWth boiler	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	500 mg/Nm ³	Periodic	4 months from the date of issue of this permit or start of operations, then every 3 years thereafter.	MCERTS BS EN 14792
		Sulphur dioxide	300mg/Nm ³			As agreed in writing by the Environment Agency

Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
		Carbon monoxide	No limit			MCERTS BS EN 15058
		Dust	50 mg/Nm ³			MCERTS BS EN 13284-1

Notes

- (1) All limits are defined at a temperature of 273.15 K, a pressure of 101.3 kPa and after correction for the water vapour content of the waste gases at a standardised O₂ content of 6%

Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
Soakaway to north of the poultry houses as shown on the site infrastructure plan received on 21/10/22 included with application EPR/XP3130DC/V002.	Water draining from yard and roof (excluding all times yards are contaminated e.g., catching, mucking out or washing)	---	---	---	---	---
Overflow outlet to soakaway within installation from lagoon as shown on the site infrastructure plan received on 21/10/22 included with application EPR/XP3130DC/V002.	Roof water from poultry houses 1-8	---	---	---	---	---

Emission point reference or source or description of point of measurement	Parameter	Limit (incl. Unit)	Monitoring frequency (1)	Monitoring standard or method
Broilers in houses 1-8 (Fan ventilated fully littered floor, non-leaking drinkers)	kg N excreted/animal place/year	0.6 kg N/animal place/year	Annually	Estimation by using manure analysis for total nitrogen content
	kg P ₂ O ₅ excreted/animal place/year	0.25 kg P ₂ O ₅ animal place/year	Annually	Estimation by using manure analysis for total phosphorus content

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
Broilers in houses 1-8 (Fan ventilated fully littered floor, non-leaking drinkers)	kg NH ₃ /animal place/year	0.08 kg NH ₃ /animal place/year	Annually	Estimation using emission factors
Broilers in houses 1-8 (Fan ventilated fully littered floor, non-leaking drinkers)	Dust	n/a	Annually	Estimation using emission factors

Schedule 4 – Reporting

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

Table S4.1 Reporting of monitoring data			
Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Emissions to air Parameters as required by condition 3.5.1.	As shown in the infrastructure plan received on 21/10/22 included with application EPR/XP3130DC/V002. Stack grid reference SK 96654 84411	4 months from the date of issue of this permit or commencement of operations, then every 3 years thereafter.	1 January
Process monitoring Parameters as required by condition 3.5.1	-	Every 12 months	1 January

Table S4.2 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	18/01/23
kg N excreted/animal place/year	Form Process Monitoring 1 or other form as agreed in writing by the Environment Agency	18/01/23
kg P ₂ O ₅ excreted/animal place/year	Form Process Monitoring 1 or other form as agreed in writing by the Environment Agency	18/01/23
Dust atmospheric mass emission	Form Process Monitoring 1 or other form as agreed in writing by the Environment Agency	18/01/23

Schedule 5 – Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

Part A

Permit number	
Name of operator	
Location of facility	
Time and date of the detection	

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution	
To be notified within 24 hours of detection	
Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

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

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

(c) Notification requirements for the breach of permit conditions not related to limits	
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.	

(d) 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.

“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.

“Medium Combustion Plant” or “MCP” means a combustion plant with a rated thermal input equal or greater than 1 megawatt (MW) but less than 50 megawatts (MW).

“Medium Combustion Plant Directive” or “MCPD” means medium combustion plant directive 2015/2193/EU of the European Parliament and of the Council on the limitation of emissions of certain pollutants into the air from medium combustion plants.

“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.

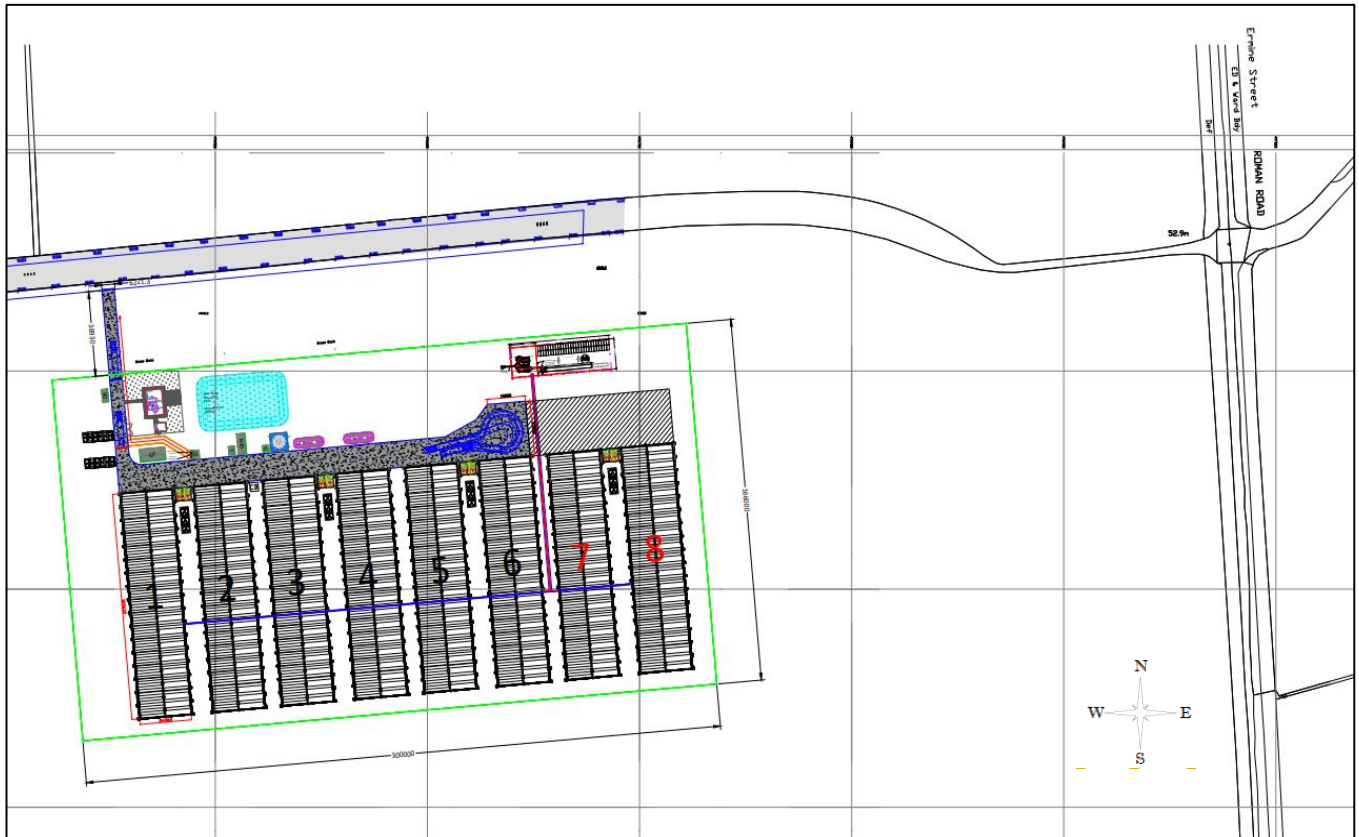
Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

- in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels; and/or
- in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content.

“year” means calendar year ending 31 December.

Schedule 7 – Site plan

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



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END OF PERMIT