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Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Mr Neil Elliott and Mrs Kathryn Elliott

Black Rock Farm Poultry Unit
Cross Lanes
Wrexham
LL13 OTF

Permit number
EPR/AB3190ZZ

Black Rock Farm Poultry Unit

Permit number EPR/AB3190ZZ

Introductory note

This introductory note does not form a part of the permit

The main features of the permit are as follows.

Black Rock Farm Poultry Unit is situated approximately 0.5 km north, north west of the village of Cross Lanes in the County Borough of Wrexham. It is approximately centred on National Grid Reference SJ 37351 47513.

The installation is located adjacent to ponds that are known to support populations of Great Crested Newts (GCNs). Measures have been taken by the operator to protect and sustain the GCN population and habitat as follows:

- Creation of an amphibian exclusion area around the development site during construction;
- Provision of protection measures during construction;
- Creation of GCN compensation habitat to the east of the exclusion area;
- Translocation of GCN found within the exclusion area to the compensation habitat;
- Provision of a biosecurity risk assessment;
- Long-term management and maintenance of GCN habitats, including the newly-created compensation habitat; and
- Ongoing monitoring and surveillance of the GCN population.

The installation is operated by Mr Neil Elliott and Mrs Kathryn Elliott and is permitted to house a maximum of 82,000 birds for the purposes of meat production. Day old chicks are brought to the site and are removed approximately 40 days later on an all out basis. Birds are grown in two poultry houses which each have capacity for 41,000 birds.

The houses are sited on concrete bases which are covered with a layer of wood shavings which is maintained in a dry, friable condition through the regulation of drinking water supply and temperature and humidity. Temperature in the houses is regulated through the use of hot water heaters which are fuelled through an air / ground heating system. Alternative means of heating water for the heaters is available through the use of liquid petroleum gas (LPG) boiler, which will be used when the air / ground heating system is out of service for maintenance etc.

Ventilation is provided by high-velocity, roof ridge-mounted fans which are controlled centrally through an automated system. The automated ventilation system is used to maintain the optimum atmosphere for bird welfare and to minimise ammonia and odour release. During periods of warm weather, additional ventilation is provided from gable-end fans.

Feed is delivered in covered vehicles and stored in enclosed galvanised steel silos. Birds which die during the production cycle are recorded and removed from houses on a daily basis. Carcasses are stored in sealed, vermin proof containers prior to removal under the fallen stock scheme.

Following removal of birds at the end of the crop cycle all litter is removed and transported off-site in sealed containers. The floor and walls of the poultry houses are cleaned using high pressure water jets and wash water is diverted via the site's drainage system to a bunded underground dirty water tank. Wash water is removed off-site via road tanker.

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/CP3437WX/A001	Duly made 09/02/2015	Application for intensive broiler poultry-rearing permit.
Additional information requested	15/05/2015	Assessment of impact of permitted activities on European Protected Species, specifically Great Crested Newts, requested.
Additional information received	29/06/2015	Assessment of impact of permitted activities on European Protected Species, specifically Great Crested Newts, received.
Additional information requested	26/10/2015	Further assessment of impact of permitted activities on European Protected Species, specifically Great Crested Newts and additional information in respect of drainage, fallen stock and heating arrangements, requested.
Additional information received	26/10/2015	Further assessment of impact of permitted activities on European Protected Species, specifically Great Crested Newts and additional information in respect of drainage, fallen stock and heating arrangements received.
Additional information requested	27/10/2015	Revision of site plans and capacity of dirty water tank requested.
Additional information received	30/10/2015	Revised site plan and capacity of dirty water tank received.
Additional information requested	03/11/2015	Diameter of ventilation fan vent requested.
Additional information received	27/11/2015	Confirmation of ventilation fan vent diameter.
Additional information requested	17/11/2015	Site plan showing great crested newt monitoring points.
Additional information requested	27/11/2015	Site plan showing great crested newt monitoring points received.
Additional information requested	02/02/2016	Information requested to enable convictions checks to be completed following applicants' request to hold permit as a partnership instead of as a company.

Status log of the permit

Description	Date	Comments
Additional information received	02/02/2016	Information received to enable convictions checks to be completed.
Permit EPR/AB3190ZZ determined	04/02/2016	Permit issued to Mr Neil Elliott and Mrs Kathryn Elliott.

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2010

Permit number
EPR/AB3190ZZ

The Natural Resources Body for Wales (“Natural Resources Wales”) authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2010

Mr Neil Elliott and Mrs Kathryn Elliott (“the operator”),
of

**Lenox Farm
Ramsbrook Lane
Hale Village
Liverpool
L24 5RP**

to operate an installation at

**Black Rock Farm Poultry Unit
Black Rock Farm
Cross Lanes
Wrexham
LL13 OTF**

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

Name	Date
	04 February 2016

Eirian Macdonald

Authorised on behalf of Natural Resources Wales

Conditions

Management

1.1 General management

1.1.1 The operator shall manage and operate the activities:

- (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances and those drawn to the attention of the operator as a result of complaints; and
- (b) using sufficient competent persons and resources.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

1.2 Energy efficiency

1.2.1 The operator shall:

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

1.3 Efficient use of raw materials

1.3.1 The operator shall:

- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
- (b) maintain records of raw materials and water used in the activities;
- (c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
- (d) take any further appropriate measures identified by a review.

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

1.4.1 The operator shall take appropriate measures to ensure that:

- (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
- (b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and

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

1.4.2 The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

2 Operations

2.1 Permitted activities

2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the "activities").

2.2 The site

2.2.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan at schedule 7 to this permit.

2.3 Operating techniques

2.3.1 (a) 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 Natural Resources Wales.

(b) If notified by Natural Resources Wales that the activities are giving rise to pollution, the operator shall submit to Natural Resources Wales for approval within the period specified, a revision of any 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 Natural Resources Wales.

2.3.2 The operator shall maintain and implement a system to record the number of animal placed and animal movement.

2.3.3 The operator shall maintain and implement a system to record the quantities of solid manure or slurry exported from the installation, as defined on the site plan in schedule 7. The record shall include as a minimum:

- The date of export from site
- The quantity exported
- Details of the receiving site

2.4 Pre-operational conditions

2.4.1 The activities shall not be brought into operation the measures specified in schedule 1 table S1.4A have been completed.

3 Emissions and monitoring

3.1 Emissions to water, air or land

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.1 and S3.2.
- 3.1.2 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

3.2 Emissions of substances not controlled by emission limits

- 3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.2.2 The operator shall:
- (a) if notified by Natural Resources Wales that the activities are giving rise to pollution, submit to Natural Resources Wales 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;
 - (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by Natural Resources Wales.
- 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 Natural Resources Wales, 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 Natural Resources Wales, 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 Pests

- 3.5.1 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.
- 3.5.2 The operator shall:
- (a) if notified by Natural Resources Wales, submit to Natural Resources Wales for approval within the period specified, a pests management plan which identifies and minimises risks of pollution, hazard or annoyance from pests;
 - (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by Natural resources Wales.

3.6 Monitoring

- 3.6.1 The operator shall, unless otherwise agreed in writing by Natural Resources Wales, 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) Great crested newts specified in table S3.3.
- 3.6.2 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.

4 Information

4.1 Records

- 4.1.1 All records required to be made by this permit shall:
- (a) be legible;
 - (b) be made as soon as reasonably practicable;
 - (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
 - (d) be retained, unless otherwise agreed in writing by Natural Resources Wales, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:
 - (i) off-site environmental effects; and
 - (ii) matters which affect the condition of the land and groundwater.
- 4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by Natural Resources Wales.

4.2 Reporting

- 4.2.1 The operator shall send all reports and notifications required by the permit to Natural Resources Wales using the contact details supplied in writing by Natural Resources Wales.
- 4.2.2 The operator shall, unless notice under this condition has been served within the preceding four years, submit to Natural Resources Wales, 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.
- 4.2.3 A report or reports on the performance of the activities over the previous year shall be submitted to Natural Resources Wales by 31 January (or other date agreed in writing by Natural Resources Wales) 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.
- 4.2.4 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by Natural Resources Wales, 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 S4.4; and
 - (c) giving the information from such results and assessments as may be required by the forms specified in those tables.

4.3 Notifications

- 4.3.1 (a) In the event 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 Natural Resources Wales,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents;
- (b) in the event of a breach of any permit condition the operator must immediately—
- (i) inform Natural Resources Wales, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
- (c) in the event 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 Natural Resources Wales has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform Natural Resources Wales when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to Natural Resources Wales at least 14 days before the date the monitoring is to be undertaken.

4.3.4 Natural Resources Wales shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:

Where the operator is a registered company:

- (a) any change in the operator's trading name, registered name or registered office address; and
- (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

Where the operator is a corporate body other than a registered company:

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

In any other case:

- (a) the death of any of the named operators (where the operator consists of more than one named individual);
- (b) any change in the operator's name(s) or address(es); and
- (c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:

- (a) Natural Resources Wales 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 Natural Resources Wales 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 "without delay", in which case it may be provided by telephone.

Schedule 1 - Operations

Table S1.1 activities

Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
A1	S6.9 A(1)(a) Rearing of poultry or pigs intensively in an installation with more than 40,000 places for poultry.	The rearing of poultry in a facility with capacity for 82,000 broiler places.	From receipt of birds, raw materials and fuels onto the site, to removal of birds and associated wastes from site.
Directly Associated Activity			
A2	One 25,000 litre dirty water tank.	Storage of dirty water from washing of poultry houses.	Temporary storage of wash down water.

Table S1.2 Operating techniques

Description	Parts	Date Received
Application EPR/CP3437WX/A001	Responses to Part B3 section 3 of the application form and referenced supporting documentation. The contents of the documents entitled 'Odour Management Plan' and 'Noise Management Plan'	09/02/2015
	Best available techniques as described in BAT conclusions under Directive 2010/75/EU of the European Parliament and of the Council on industrial emissions for Intensive Farming installations.	
Application EPR/CP3437WX/A001	Odour Management Plan	09/02/2015
Application EPR/CP3437WX/A001	Noise Management Plan	09/02/2015
Response to Schedule 5 notice dated 15/05/2015	Email entitled 're: Black Rock Farm' confirming that the operating speed of the high-velocity ridge-mounted fans is 15 m/s.	26/10/2015
Response to Schedule 5 Notice dated 26/10/2015	Report 'Black Rock Farm, Cross Lanes, Wrexham, Intensive Poultry Farm Permit Application, Great Crested Newt Method Statement' (Bowland Ecology Ltd., October 2015), specifically the following sections: <ul style="list-style-type: none"> F.1 Habitat/site management; F.3 Post development mitigation contingencies; and F.4 Mechanisms for ensuring delivery. 	26/10/2015
Response to Schedule 5 Notice dated 26/10/2015	Addendum to Appendix 6 – Technical Standards	26/10/2015
Response to request for information dated 03/11/2015	Email entitled 'FW: Black Rock Farm - site plans and dirty water tank' confirming that the diameters of the shafts in which the high velocity roof fans sit are 800mm.	27/11/2015
Response to Schedule 5 Notice dated 17/11/2015	Site plan 'Site Plan: Great Crested Newts' detailing locations of great crested newt monitoring points.	27/11/2015

Table S1.4A Pre-operational measures

Reference	Pre-operational measures
PO1	<p>The activities listed in Table S1.1 of this schedule shall not be commenced prior to the full implementation of the measures detailed in the following sections of the report 'Black Rock Farm, Cross Lanes, Wrexham, Intensive Poultry Farm Permit Application, Great Crested Newt Method Statement' (Bowland Ecology Ltd., October 2015):</p> <ul style="list-style-type: none">• E.1 Great crested newt capture and exclusions;• E.2 Great crested newt habitat;• E.3 Mechanisms for ensuring delivery of mitigation and compensation measures;• E.4 Mitigation contingencies; and• H.1 Mitigation site ownership.
PO2	<p>The activities listed in Table S1.1 of this schedule shall not be commenced until the operator has provided NRW with copies of the necessary legal agreements with appropriate Third Parties to ensure the delivery and long term sustainability of the proposed mitigation and compensation measures identified within the report 'Black Rock Farm, Cross Lanes, Wrexham, Intensive Poultry Farm Permit Application, Great Crested Newt Method Statement' (Bowland Ecology Ltd., October 2015).</p>
PO3	<p>The activities listed in Table S1.1 shall not be commenced without providing NRW with 10 working days notice in writing that the measures detailed in pre-operational conditions PO1 and PO2 have been completed.</p>

Schedule 2 - Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
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Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements

Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Reference period	Monitoring frequency	Monitoring standard or method
High velocity roof fan outlets on poultry houses 1 and 2 as shown on the site plan in schedule 7	None set	Poultry houses 1 and 2	None set	---	---	---
Gable-end fan outlets on poultry houses 1 and 2 as shown on the site plan in schedule 7 (back-up ventilation system for use in periods of hot weather)	None set	Poultry houses 1 and 2	None set	---	---	---
Exhaust from generator as shown on the site plan in schedule 7	None set	Generator	None set	---	---	---
Exhaust from LPG boiler (back-up system for hot water heaters)	None set	LPG Boiler	None set	---	---	---
Vent from diesel tank as shown on the site plan in schedule 7	None set	Diesel Tank	None set	---	---	---
Vents from LPG tanks as shown on the site plan in schedule 7	None set	Liquid Petroleum Gas (LPG)	None set	---	---	---

Table S3.2 Point Source emissions to water (other than sewer) – emission limits and monitoring requirements

Emission point ref. & location	Parameter	Source	Limit (incl. Unit)	Reference period	Monitoring frequency	Monitoring standard or method
Outlet from clean water drains discharging to an off-site pond via pipe outlet as shown on the site layout/drainage plan in schedule 7	None set	Uncontaminated rainwater draining from the roofs of poultry houses 1 and 2 and clean, uncontaminated water from the yard surface.	None set	---	---	---

Table S3.3 Great crested newt monitoring requirements

Location or description of point of measurement	Parameter	Monitoring frequency	Monitoring standard or method	Other specifications
Ponds 2 (point GCN2 as shown on plan 'great crested newt monitoring' in Schedule 7) and the three ponds in the receptor area (points GCN6, GCN7 and GCN8 as shown on plan 'great crested newt monitoring' in Schedule 7).	<p>For points GCN2, GCN6, GCN7 and GCN8 as shown on plan 'great crested newt monitoring' in Schedule 7) monitoring shall comprise the following:</p> <ul style="list-style-type: none"> (i) Date and time of survey, and time taken to complete survey; (ii) Presence and number of individual Great Crested Newts; (iii) Assessment of condition of each monitoring point against Habitat Suitability Index criteria; (iv) Record of environmental conditions (air and water temperature, rain, wind, clarity and turbidity of water, vegetation and topography); and (v) Presence of any adverse factors (fish, ducks and other fowl, invasive non-native species). 	Three surveys per year, with at least two of the three surveys taking place between mid-April and mid-May.	Great Crested Newt Mitigation Guidelines (English Nature, 2001) and Oldham, R.S., Keeble, J., Swan, M.J.S. and M. Jeffcote (2000), Evaluating the suitability of habitat for the Great Crested Newt (<i>Triturus cristatus</i>), Herpetological Journal, 10 94, pp. 134-155.	---

Schedule 4 – Reporting

Table S4.1 Reporting of monitoring data

Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Great crested newt parameters as required by condition 3.6.1	GCN2, GCN6, GCN7 and GCN8.	Every 12 months	1 November

Table S4.4 Reporting forms

Media/parameter	Reporting format	Date of form
Great crested newts	Form GCN 1 or other form as agreed in writing by Natural Resources Wales	03/02/2016

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 activity that gives rise to an incident or accident which significantly affects or may significantly affect the environment	
To be notified Immediately	
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 permit condition	
To be notified immediately	
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) In the event 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:	
To be notified immediately	
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 Natural Resources Wales 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 or background concentration limit.

“*EP Regulations*” means The Environmental Permitting (England and Wales) Regulations SI 2010 No.675 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

“*groundwater*” means all water, which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

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

“*Manure and slurry*” have the following meaning:

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

“*Manure management plan*” means the requirements described in Section 2.3 of SGN 6.09 How to Comply – Intensive Farming.

“*Pests*” means Birds, Vermin and Insects.

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

“*year*” means calendar year ending 31 December.

Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

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

- (a) 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

(b) 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.

Schedule 7 - Site plan

Site plan

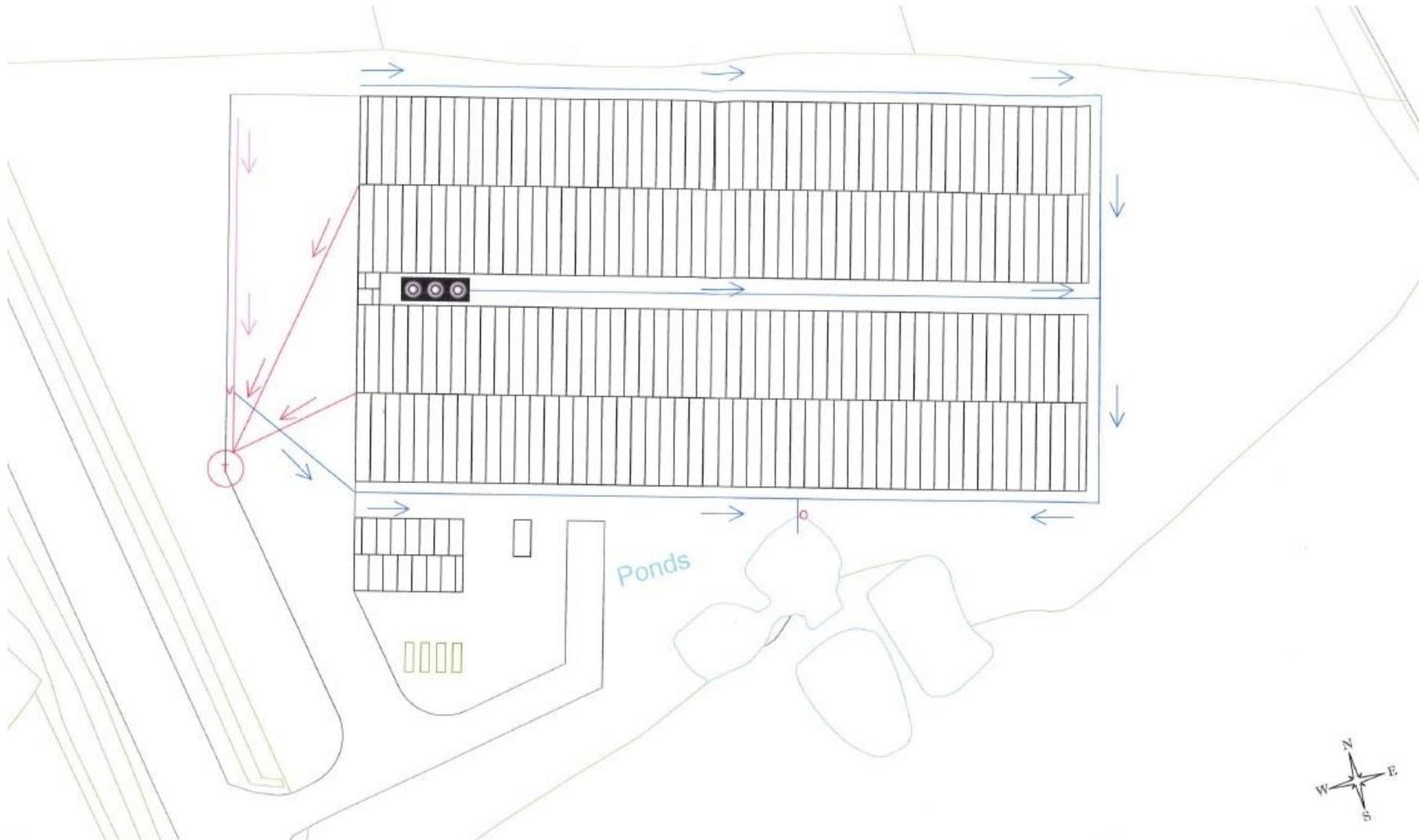


Plan Key

- Installation Boundary
- Surface Water Feature (Open Pond)
- O Storm Water Drainage Outfall (From pipe to pond)
- T Underground Dirty Water Storage Tank
- F Feed Silos (Feed storage)
- B LPG Boiler
- D Bunded Fuel Oil Tank
- C Chemical Store
- L LP Gas Tanks

POWELL & CO CONSTRUCTION LTD <small>LONGHOOD, SHIRLEATH, KINGSLAND, LEOMASTER, HEREFORDSHIRE, HR9 9RH TEL: 01588 708919 FAX: 01588 708109</small>	Client	Elliott (Agriculture) Ltd
	Date	11/02/15
	Subject	FPR Appendix 3b - Site
	Drawing Ref	PA 375
	Scale:	1:500 (A3)
	Approved By	GAM Drawn By GAM

Site layout / drainage plan



Plan Key

- Surface water feature (open pond)
- Uncontaminated water
- Contaminated (wash) water
- Lightly contaminated (yard) water

- Storm Water Drainage Outfall (From pipe to pond)
- ⊥ Underground Dirty Water Storage Tank
- ∇ Diverter Valve

POWELL & CO CONSTRUCTION LTD LINDSEY, SHIPHASH, LEICESTERSHIRE LINDSEY, LEICESTERSHIRE, ENGLAND TEL: 01536 208610 FAX: 01536 208100	Client	Elliott (Agriculture) Ltd	
	Date	11/02/15	
	Subject	EPR Appendix 3c - Drainage	
	Drawing Ref	PA 375	
	Scale:	1:500 (A3)	
	Approved By	GAM	Drawn By

Great crested newt monitoring plan

