

**From:** [SM-Defra-RESP-notifications \(DEFRA\)](#)  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** EPR/XP3632QE/V003 We Need More Information About Your Application CRM:0163039  
**Date:** 22 July 2024 17:09:24

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Dear [REDACTED]

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

**Application reference: EPR/XP3632QE/V003**

**Operator: WAYLAND FARMS LIMITED**

**Facility: Methwold Farm Pig Unit - EPR/XP3632QE, Methwold Group, Methwold, IP26 4RJ**

Thank you for your application received on 08/11/2023.

Following our review of your not duly made response, we need to ask for further clarification on the below before we can do any more work on your application. We need further information on the following:

### **1. Slurry lagoon A**

Slurry lagoon A is currently outside of the installation boundary for Feltwell Farm – as you are proposing to use this lagoon, and it has been included in the ammonia modelling, please include it within the installation boundary assuming this is land owned by the operator.

- a. If land is owned by the operator, please extend the boundary to include this area of land on both the site boundary plan and the site layout & drainage plan, and other documents as required.
- b. If the slurry lagoon is not owned by the operator, please confirm this. If there is agreement by a third party for it to be used as slurry storage capacity, please confirm this. If slurry lagoon A is owned by a third party, please confirm whether the installation would be the sole user of slurry lagoon A or if not please confirm the % of liquor from the installation relative to full capacity of the lagoon.

### **2. Feltwell Farm OMP, NMP and DMP**

On our mapping system there appear to be two receptors within 100m of the installation boundary that have not been included. They are located at approximate grid references: TL 73040 92824 and TL 73037 92804. Please either include these receptors within the management plans or provide the reason why they have been excluded.

### **3. Evaporative cooling units on Methwold (Breckland) Farm poultry unit**

In the not duly made response (in response to Question 4) it advises that *no chemicals or disinfectant to be used for any cleaning will enter into the water circulation system and evaporate into air stream.*

Please could you confirm if the evaporative cooling units have an emissions to air point? If so, please can these be included as emissions to air points under

Question 7 within the Methwold Supporting Information document.

#### 4. Ammonia Modelling

You have advised in the ammonia modelling that pigs >30kg at Feltwell Farm are housed on fully slatted floor (FSF) systems. In addition, you have also advised that Pigs 7-30kg at Feltwell Farm are also housed on fully slatted floor (FSF) systems.

In your response to our duly making questions (in response to Question 2 g & h) you advise that the Operator complies with BAT 30 for this housing by using frequent slurry and manure removal to external storage.

**Please conduct a revised ammonia modelling assessment and submit a revised report that uses appropriate emission factors (EF's) (not BAT-AELs) for pigs on Fully Slatted Floor systems that comply with the BAT-AEL's for existing housing (please see below for further details).**

**For pigs >30kg at Feltwell Farm that are currently housed on fully slatted floor (FSF) systems please advise on the following:**

- A. If using frequent slurry and manure removal to external storage
- i. Which narrative BAT 30 measure the Operator uses for frequent slurry removal (Techniques a1, a3 and a4 reference methods for frequent slurry removal).
  - ii. Please confirm if the frequent slurry removal for the pigs >30kg at Feltwell Farm housed on fully slatted floor (FSF) systems meets the following criteria: Please confirm if the depth of the slurry pit below the slats is less than 800mm and that the slurry is removed at least every 10 weeks or less.

***Note – if the frequent slurry removal meets the above criteria your revised ammonia modelling should use an emission factor of 2 kg NH<sub>3</sub>/animal place/year for pigs > 30kg on FSF with frequent slurry removal which would meet the required BAT-AEL.***

*Please note: vacuum removal does not refer to a mechanically created vacuum, rather the flow of slurry when sluices are opened creating a temporary vacuum to draw the slurry out. Whether it flows this way or via gravity, when sufficient slurry is present to allow movement, should not make any difference.*

**or**

B. If using a deep pit (in case of a fully or partly slatted floor) (technique a0)

- i. If the existing housing for pigs >30kg at Feltwell Farm on FSF system utilises deep pit storage with infrequent slurry removal you will need to confirm which of the additional measures, e.g. a combination of nutritional management techniques, air cleaning system, pH reduction of the slurry, slurry cooling or other alternative measures, provide the equivalent ammonia reduction levels to meet the BAT-AEL. If alternative measures are employed, please provide justification of ammonia emission reduction levels.
- ii. Based on the additional measures used, you will need to demonstrate what reduction can be applied to the standard EF for FSF (4.14 kg NH<sub>3</sub>/animal place/year) in order to meet the BAT-AEL for existing housing of 3.6 kg NH<sub>3</sub>/animal place/year. Please provide evidence to support reduction below the BAT-AEL e.g. specific level of reduction in feed crude protein levels and confirmation evidence that these measures have been actioned over the last 5 years to support both BAT and an emissions reduction proposal.

**Note - You will need to use your proposed emission factor (not the BAT-AEL) within the revised ammonia modelling assessment.**

**For pigs 7-30kg at Feltwell Farm that are housed on fully slatted floor (FSF) systems please advise on the following:**

C. If using frequent slurry and manure removal to external storage

- i. Which narrative BAT 30 measure the Operator uses for frequent slurry removal (Techniques a1, a3 and a4 reference methods for frequent slurry removal).
- ii. Please confirm if the frequent slurry removal for the pigs 7-30kg at Feltwell Farm housed on fully slatted floor (FSF) systems meets the following criteria: Please confirm if the depth of the slurry pit below the slats is less than 800mm and that the slurry is removed at least every 10 weeks or less.
- iii. Please confirm what measures you use to demonstrate a reduction in ammonia emissions from the standard EF for FSF (0.94 kg NH<sub>3</sub>/animal place/year) in order to meet the BAT-AEL for existing housing of 0.7 kg NH<sub>3</sub>/animal place/year.

**Note - You will need to use your proposed emission factor (not the BAT-AEL) within the revised ammonia modelling assessment.**

**or**

D. If using a deep pit (in case of a fully or partly slatted floor) (technique a0)

- i. If the existing housing for pigs 7-30kg at Feltwell Farm on FSF system utilises deep pit storage with infrequent slurry removal you will need to confirm which of the additional measures, e.g. a combination of nutritional management techniques, air cleaning system, pH reduction of the slurry, slurry cooling or other alternative measures, provide equivalent ammonia reduction levels to meet the BAT-AEL. If alternative measures are employed, please provide justification of ammonia emission reduction levels.
- ii. Based on the additional measures used, you will need to demonstrate what reduction can be applied to the standard EF for FSF (0.94 kg NH<sub>3</sub>/animal place/year) in order to meet the BAT-AEL for existing housing of 0.7 kg NH<sub>3</sub>/animal place/year. Please provide evidence to support reduction below the BAT-AEL, e.g. specific level of reduction in feed crude protein levels and confirmation evidence that these measures have been actioned over the last 5 years to support both BAT and an emissions reduction proposal.

**Note - You will need to use your proposed emission factor (not the BAT-AEL) within the revised ammonia modelling assessment.**

## **5. Ammonia Modelling Data Input Files**

Once the changes have been made to the ammonia modelling assessment, please submit the revised modelling data input files.

### **Airfield Farm**

It was stated in the not duly made response that although Airfield farm is not currently being used, it is proposed for it to be used temporarily for rearing 4,874 permitted production pigs >30kg until demolition and construction phases at

Feltwell Farm are complete. Please be aware that should the variation to the permit be granted, then there cannot be any pigs at Airfield Farm from that point onwards. This is because the assessments are based upon livestock at Feltwell and Methwold Farms only.

Please reply directly to this email with your information and copy in [REDACTED]

Please send us the information by **2<sup>nd</sup> August 2024**.

If we do not receive this by this deadline we will need to return your application.

If we receive what is missing by the deadline, we will continue to check your application. We'll check to see if there's enough information for the application to be 'duly made'. Duly made means that we have all the information we need to begin determination. Determination is where we assess your application and decide if we can allow what you've asked for.

We'll let you know by email whether your application can be duly made. If it can't be duly made, we'll return your application to you.

If we do have to return your application we'll send you a partial refund of your application payment. We'll retain 20% of the application charge to cover our costs in reviewing your application. This maximum amount we'll retain is capped at £1,500. Further information on charging can be found at: <https://www.gov.uk/government/publications/environmental-permits-and-abstraction-licences-tables-of-charges>

Note: Our email system has a file size limit of 25MB, if your returns exceed this limit you will have to arrange an online file transfer. Please ensure the file transfer link does not have a time limit on it.

If you have any questions please phone myself or [REDACTED] or email [REDACTED] (please send the email to us both).

Yours sincerely,

[REDACTED]

[REDACTED]

