

**From:** [wardle.anna](#)  
**To:** [Wray, Kate](#)  
**Cc:** [Field, Emily](#)  
**Subject:** RE: EPR/VP3036CR/V003 - Tranmere Farm - ammonia screening details needed  
**Date:** 25 September 2024 15:40:11  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)

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Hi

I can confirm that the warkup sheds are high velocity and run at 13 m/s.  
Our slurry removal is at least every 12 weeks, and is 800mm or less.  
Thank you

On 25/09/2024 15:02 BST Wray, Kate <kate.wray@environment-agency.gov.uk> wrote:

Hi Anna,

Looking at the pig numbers provided in the building inventory document, this totals 4,560 pigs which would be an increase of 2,040 pigs compared to the current permitted number of 2,520.

Is this the number you will be looking to increase to initially under this variation with the addition of the 2 warkup houses? You indicated in the application form that the intention was to increase to 6,500 pigs. Obviously if you were wanting to increase to the higher number, we would need to know which buildings they would be housed in, housing design, ventilation etc. If you are planning to vary the permit again in the future to increase pig numbers from 4,560 to 6,500 once you know details of changes to housing, housing design etc., I will carry out the screening based on 4,560 pigs as per the building inventory for now.

Can you clarify wrt the above please?

Kind regards

Kate

**Kate Wray**

Senior Permitting Officer – Installations, National Permitting Service

**Environment Agency:** Trentside, Scarrington Road, West Bridgford, Nottingham, NG2 5FA

Email: [kate.wray@environment-agency.gov.uk](mailto:kate.wray@environment-agency.gov.uk)

Mobile: 07721 117199

External: 02030253297

Internal: 33297

Working days: Tuesday to Friday



**Do you operate a medium combustion plant or specified generator?**

[Click here to find out if you need to meet the regulations](#)

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**From:** Wray, Kate  
**Sent:** 25 September 2024 14:24  
**To:** wardle.anna <anna@boarcross.co.uk>  
**Subject:** RE: EPR/VP3036CR/V003 - Tranmere Farm - ammonia screening details needed

Hi Anna,

Thanks for the information.

Can you confirm the height and efflux velocity for the roof fans on the 2 new Warcup houses please. This is needed for the ammonia screening otherwise I will have to assume the worst case scenario that they are medium velocity (vents greater than 3.5 metres high, fan efflux velocity greater than 2m/s). Obviously if you can confirm they are high velocity (vents greater than 5.5 metres high, fan efflux velocity greater than 7 m/s) and confirm the exact efflux velocity (between 7 m/s and 14 m/s) this can be taken into account in the screening and will reduce impacts.

And for the houses with fully slatted floors, can you confirm whether you meet the criteria of slurry removal at least every 12 weeks and slurry liquor depth 800mm or less please, so I know whether I can assign the lower emission factor, as explained below.

Please send me the information as soon as possible so I can make a start on the ammonia screening assessment, but at the latest by tomorrow.

Kind regards

Kate

**Kate Wray**

Senior Permitting Officer – Installations, National Permitting Service

**Environment Agency:** Trentside, Scarrington Road, West Bridgford, Nottingham, NG2 5FA

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**From:** wardle anna <[anna@boarcross.co.uk](mailto:anna@boarcross.co.uk)>

**Sent:** 25 September 2024 12:24

**To:** Wray, Kate <[kate.wray@environment-agency.gov.uk](mailto:kate.wray@environment-agency.gov.uk)>

**Cc:** Field Emily <[emily@boarcross.co.uk](mailto:emily@boarcross.co.uk)>

**Subject:** RE: EPR/VP3036CR/V003 - Tranmere Farm - ammonia screening details needed

Hi Kate

Please find attached a new site plan and a building inventory.

I hope these answer all of your points?

Thank you

Anna

On 24/09/2024 17:27 BST Wray, Kate <[kate.wray@environment-agency.gov.uk](mailto:kate.wray@environment-agency.gov.uk)> wrote:

Apologies can you confirm the type of ventilation on each of the houses also please, including height & efflux velocity for any roof fan ventilation.

**Kate Wray**

Senior Permitting Officer – Installations, National Permitting Service

**Environment Agency:** Trentside, Scarrington Road, West Bridgford, Nottingham, NG2 5FA

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**From:** Wray, Kate

**Sent:** 24 September 2024 17:15

**To:** wardle anna <[anna@boarcross.co.uk](mailto:anna@boarcross.co.uk)>

**Subject:** RE: EPR/VP3036CR/V003 - Tranmere Farm - ammonia screening details needed

Hi Anna,

Sorry for the second email but I have just found a CAR form from 2019 which mentions that removal from under slat storage is carried out every 6 months for shed 6.

For each of the fully slatted sheds, can you please confirm frequency of slurry removal and maximum depth of slurry. We can currently assign an emission factor of 2 based on AHDB Pork Trials data (2017), for productions pigs on fully slatted floor with slurry removal at least every 12 weeks and slurry liquor depth 800mm or less.

Can you also submit a document clearly spelling out which pig sheds have solid floor, partly slatted floor or fully slatted floor, with numbers of pigs in each of these sheds, and whether the additional pigs will be housed in new build fully slatted floor sheds, or whether existing sheds are being extended to fit the additional pigs, as it is not clear from the information which has been submitted. Again, please only include details of the current and proposed sheds which will form part of this variation (and not changes proposed for the future).

Please submit this information with the revised plan by 26/09/24, to enable me to carry out the ammonia screening assessment. Please let me know if you have any questions.

Kind regards

Kate

**Kate Wray**

Senior Permitting Officer – Installations, National Permitting Service

**Environment Agency:** Trentside, Scarrington Road, West Bridgford, Nottingham, NG2 5FA

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**From:** Wray, Kate

**Sent:** 24 September 2024 16:24

**To:** wardle anna <[anna@boarcross.co.uk](mailto:anna@boarcross.co.uk)>

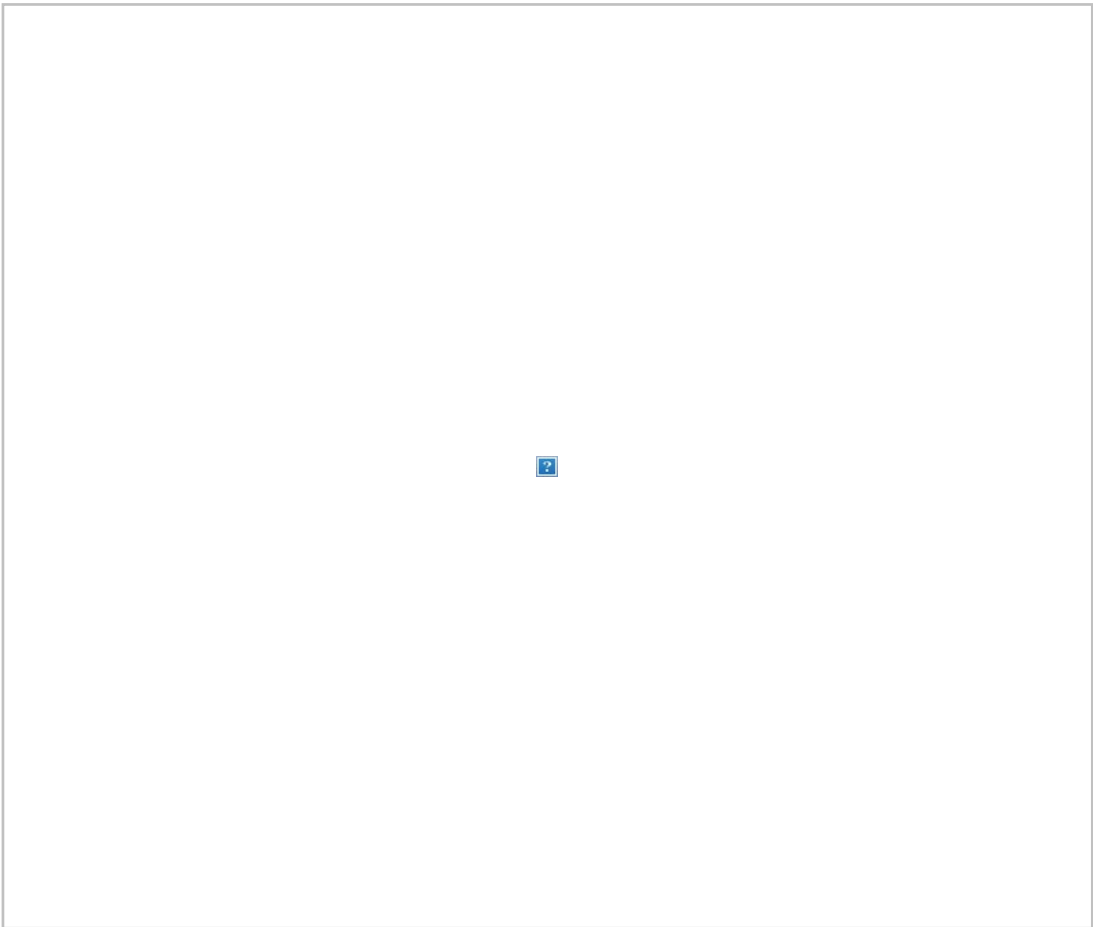
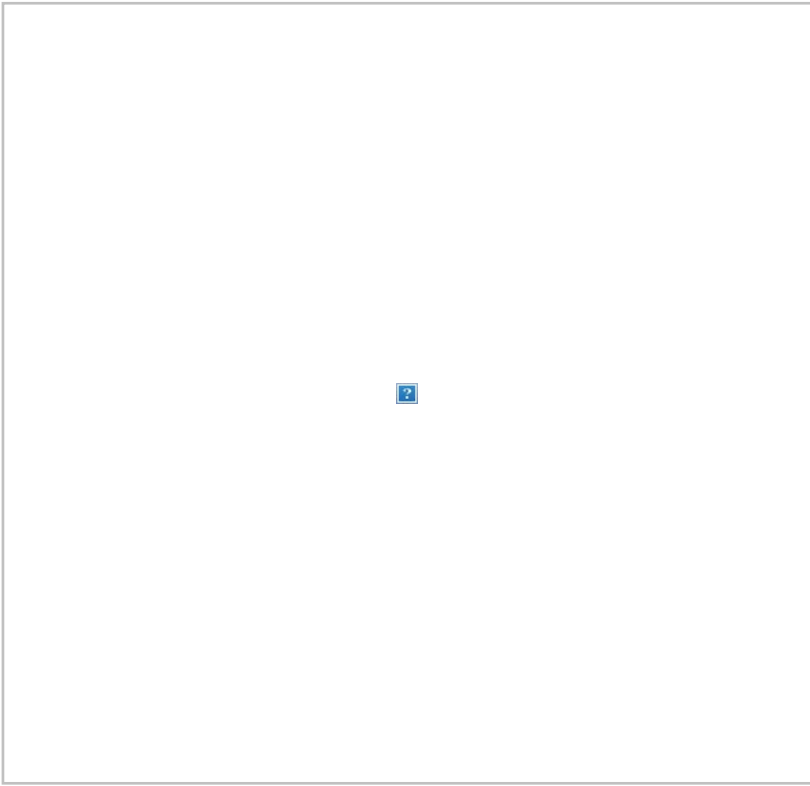
**Subject:** EPR/VP3036CR/V003 - Tranmere Farm - ammonia screening details needed

Hi Anna,

Further to the voicemail I left you, I have picked this application up to carry out the validation checks to decide whether the application can be duly made.

Before I start carrying out the checks, I need to undertake an ammonia screening assessment as one had not been requested prior to the application being submitted.

Looking at the current permitted boundary, see below, it appears that the installation boundary may need to be increased to allow installation of the new sheds (see your plan submitted with this application below). Can you please send me a revised site plan, with the boundary clearly shown in green, showing the position of the fully slatted sheds you are currently proposing in relation to the other sheds. Please only include the sheds which you will be adding as part of this variation to increase pig numbers from 2,520 to 6,500 pigs >30kg. Any future plans to replace the existing partially slatted old bacon houses with new fully slatted builds will have to form part of a further variation once you are ready to make these changes.



Please submit the revised site plan by 26/09/24 at the latest otherwise we will have to return your application.

Kind regards

Kate

**Kate Wray**

Senior Permitting Officer – Installations, National Permitting Service

**Environment Agency:** Trentside, Scarrington Road, West Bridgford, Nottingham, NG2 5FA

Email: [kate.wray@environment-agency.gov.uk](mailto:kate.wray@environment-agency.gov.uk)

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