

From: [Elaine Elaine](#)
To: [Kate Wray](#)
Subject: Re: EPR/2020/002 - Thorne Farm - We Need More Information About Your Application
Date: 07 September 2020 12:07:17
Attachments: [Thorne Farm Site plan \(Rev 2\).pdf](#)
[Thorne Farm BAT \(preliminary\) \(Rev 1\).pdf](#)
[Thorne Farm \(preliminary\) \(Rev 1\).pdf](#)
[Thorne Farm \(preliminary\) \(Rev 1\).pdf](#)

Hi Kate,

Apologies I forgot to attach the SCR and Technical standards documents

Scale to right hand side bottom of plan

On slurry there is adequate capacity for 6-months storage even at the lower figures on the screening I will confirm with Lizette the figures she gave me

Many thanks

Elaine

On 01/09/2020 11:36, Kate Wray wrote

> Hi Elaine,
>
> Thanks for the quick response. Can you address the following outstanding
> points please
>
> * Clarify the maximum slurry storage capacity at the installation; the
> non-tech summary states > 2000m3 lagoons per year annual response
> today states 'Capacity of storage 7000m3 in lagoons plus 490m3 in
> intermediate storage'. Update any documents as needed.
>
> Note: the ammonia screening assessment was based on a slurry lagoon
> with surface area of 0.8ha2, as per your request form. If total slurry
> storage capacity exceeds this, the ammonia assessment will need to be
> amended accordingly to reflect this.
>
> //
>
> * Add a scale to the revised site plan.
>
> * Update the BAT conclusions document to confirm a maximum of 5 of
> manure is stored on site at any one time.
>
> * Attach the revised technical standards document addressing the
> following points
>
> 4. Technical standards document
>
> a) Update the document to confirm manure is stored at the
> installation
>
> b) Reference the second discharge to surface water (D2)
>
> c) Include the two standby generators as emission points to
> air in the Emissions point table.
>
> d) The document states that 'The mechanically ventilated
> sheds will use high speed roof fans for improved dispersal and dilution
> of emissions'. The ammonia screening assessment was based on roof fans
> at or greater than 3.5 metres high and fan efflux velocity at or greater
> than 2 m/s (checked as medium velocity roof fans) in line with the
> ammonia screening request form for house 1. Confirm the efflux velocity
> and height of the roof fans on house 1 and update the document as needed.
>
> * Attach the revised site condition report addressing the points below
>
> 6. Site condition report
>
> a) Part of the proposed site to the north and west fall
> within flood risk zones 2 and 3. Update the SCR to reflect this.
>
> b) Amend the existing pig numbers stated in the document as
> they do not reflect the correct numbers
>
> Please submit the outstanding information today and let me know if you
> have any questions.
>
> Kind regards
>
> Kate
>
> Kate Wray
>
> Senior Permitting Officer
>
> Installations Permitting – Intensive Farming
>
> Growth, Permitting and Monitoring
>
> Kate.Wray@environment-agency.gov.uk
>
> 020 302 53297 / 07721 117199
>
> -----Original Message-----
> From: Elaine Marshall <Elaine@Yorkshirefarmers.co.uk>
> Sent: 01 September 2020 10:47
> To: Kate Wray <kate.wray@environment-agency.gov.uk>
> Cc: Elaine (Elaine) <elaine@yorkshirefarmers.co.uk>
> Subject: Re: EPR/2020/002 - Thorne Farm - We Need More Information
> About Your Application
>
> Hi Kate,
>
> See attached and below hopefully I have covered everything
>
> There is no fuel storage on site
>
> only one back-up generator apologies this is a typo
>
> yes there is an excess of 6 months storage Lizette has got the
> calculations for this
>
> 113ha3 slurry and 475m3 rainwater
>
> Capacity of storage 7000m3 in lagoons plus 490m3 in intermediate storage
>
> 80m3 handstanding feed plus 60m3 clean
>
> slurry is removed weekly by pumping for both finisher and weaner houses
>
> only 1 standby generator 25kW/1h input tested approximately - 10hours per
> annum, only used in case of mains power failure for less than 500 hours
> per annum.
>
> Please let me know if you need anything else at all and we will get back
> to you asap.
>
> Many thanks
>
> Elaine
>
> On 01/09/2020 16:23, Kate Wray wrote
>
> > Hi Elaine,
>
> >
> > I have finished an initial review of your application and supporting
> > documents and require some additional information please to enable the
> > application to be duly made, as follows
> >
> >
> > 1. Site plan.
> >
> > 1. Revise the plan to include the deadstock store within the
> > installation boundary.
> >
> > 2. Add a scale to the plan.
> >
> > 2. Site drainage plan.
> >
> > 1. Revise the plan to include the deadstock store within the
> > installation boundary.
> >
> > 2. Add the location of any fuel storage - No fuel storage. 3. Show
> > the location of the borehole, if it is located within the
> > installation boundary.
> >
> > 3. Non-technical summary.
> >
> > * Confirm the maximum quantity of manure stored within the
> > installation boundary in tonnes and update the document accordingly.
> >
> > Note: the ammonia screening assessment was based on a maximum of 5
> > tonnes of manure in accordance with the ammonia screening request form
> > but the BAT documents states 'The maximum FYM storage at any one time
> > on site is 200t. If a maximum of 200t of manure is stored on site the
> > ammonia screening assessment will need to be revised to reflect this
> > and relevant documents will need updating.
> >
> > //
> >
> > 4. Technical standards document.
> >
> > 1. Update the document to confirm manure is stored at the installation.
> >
> > 2. Reference the second discharge to surface water (D2).
> >
> > 3. Include the two standby generators as emission points to air in the
> > Emissions point table.
> >
> > 4. The document states that 'The mechanically ventilated sheds will use
> > high speed roof fans for improved dispersal and dilution of
> > emissions'. The ammonia screening assessment was based on roof fans

[illegible]

[illegible]