

[REDACTED]

From: steve raasch [REDACTED]
Sent: 19 June 2023 16:40
To: Topping, Liz
Subject: Re: EPR/HP3733ZC/V004 East House Farm
Attachments: Biomass Boiler Document.zip

Hi Liz

1. Please use the address with postcode TS29 6NH
2. DMP amended.
3. BAT document amended.
4. Litter belts are run twice a week in houses 4-8.
5. Drainage plan amended.
6. No gable fans houses 7&8.
7. Biomass document amended.
8. Each heat exchanger has its own internal tank for the condensate and is emptied at cycle end and spread on operator land.
Heat exchangers are operated according to manufacturer's instructions.
9. Previously submitted.
10. One standby generator on site, thermal input 243kw. Only for use in the event of mains power interruption, tested 1hr per week
average usage for emergencies will not exceed 500hrs averaged over three years.
I Am awaiting info on the other house drainage plans.

Regards

Steve

On Fri, 19 May 2023 at 13:21, Topping, Liz <liz.topping@environment-agency.gov.uk> wrote:

Dear Steve,

I'm going to be the permitting officer dealing with the above application. I've just got the following questions I could do with a response on please.

1. Site address

The postcode for the site in the application form is TS29 3NH. However the address on the Post Office Website is as follows:

**East House Farm
Trimdon
TRIMDON STATION
TS29 6NH**

Can you please confirm if your happy for us to use the above address? Please note I've also noticed the postcode is incorrect in the site condition report.

2. Bioaerosol and dust management plan

Please check all sensitive receptors within 100m have been added to this management plan. The Wicket property (approximately at NZ 38385 33465) needs to be added (the property has been added to your OMP and NMP).

3. BAT for the flat deck

In relation to poultry house 3 (flat deck perchery with deep litter system), which BAT 31 does this house comply with e.g. BAT 31 b 0? Please see attached correspondence with Andrews Stephen for further information. Could you please update your BAT document to make it clear that house 3 will comply with BAT.

4. Aviary system with litter belt removal

For poultry houses 4-8, can you confirm how often the manure is removed by the belts.

5. Site layout drainage plan

The site layout drainage plan for poultry houses 7 & 8 doesn't show a red line from the sheds to dirty water tank, please amend.

6. Gable end fans

Can I just double check there are no gable end fans on the new poultry houses 7 & 8?

7. Biomass boiler

Thank you for providing the biomass boiler document with this application, however its missing some information. Please provide:

- a. The stack height from ground level.
- b. The exact grid reference of stack.
- c. The approximate fuel storage tonnage. Please note that this should be added to your raw materials document too.
- d. The location of the biomass boiler and fuel storage needs to be added to the site layout plan.
- e. Please make sure the biomass boiler details are added to the relevant supporting application documents.

8. Heat Exchangers

I note the proposed heat exchangers positioned on the site layout drainage plan for houses 7 and 8.

- a. How is the condensate being collected and disposed of?
- b. Will the heat exchangers be operated and maintained in accordance with manufacturer's instructions.
- c. Please make sure the heat exchangers are added to the relevant supporting application documents.

9. Detailed ammonia modelling report

- a. In table 2 why have you scaled down the bird numbers in houses 7 & 8 and then multiplied by 2 at end. Please explain.
- b. Please provide the modelling input files.
- c. Please note that we need to check your ranging emission factors used in this report, so this application may take longer to determine as a result.

10. Standby generators

- a. Please confirm how many generators there are on site and what are the capacity of the generators as thermal input in MWth or kWth.
- b. Please confirm how many hours the standby generators are tested for.
- c. Are the standby generators used for emergency use only as a temporary power source if there's a main power failure?
- d. Can you confirm that emergency use of the generators will not exceed 500 hours of use per annum (or averaged over 3 years).

Although not required for duly making, I have the following further queries to ask at this stage that may help to reduce the determination time.

- a. Thank you for supplying the site layout drainage plan for the new poultry houses 7 & 8. I've checked our systems and I don't seem to have any site layout drainage plans for poultry houses 3-6. Could you please supply these layout drainage plans too so I can include in the final permit.
- b. The previous permit says for site drainage in table S3.2 "[emission to ditch north of poultry sheds 5 & 6 via soakaway and field drainage system](#)". Is this via french drains and a soakaway? Hopefully when I receive the layout plans above for a) this will become clearer.
- c. I've noticed the site layout plan for poultry houses 7 & 8 shows a package treatment plant coming from the egg packing room.
 - What does this discharge consist of, is it just domestic sewage as described at the following link: [Domestic sewage: discharges to surface water and groundwater - GOV.UK \(www.gov.uk\)](#)? Please note that if this discharge contains egg washings it won't be domestic sewage.
 - Can you confirm if this discharge will comply with the general binding rules at the following link: [Small sewage discharges in England: the general binding rules - GOV.UK \(www.gov.uk\)](#). I can confirm this point is not in a source protection zone 1 or within the relevant distance of habitat sites.
 - I presume the other poultry houses may also have egg packing rooms and package treatment plant, if so, can you confirm if they also meet the general binding rules.
- d. Could you add a review period to the noise management plan please.
- e. I've noticed the Odour Management Plan contains a typo as it mentions broiler production. Please amend.

- f. Poultry houses 5 & 6 were considered as 1 poultry house in the permit EPR/HP3147JH/A001. As this new variation application seems to have separated them out into individual buildings are you happy for me to say this application is for 6 poultry houses numbered 3 to 8.

Please note that I'm just discussing a separate issue with colleagues regarding this application so there may be further questions but I wanted to get the majority out now so you can start working on them.

I look forward to receiving your response.

Thanks

Liz

Liz Topping

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External phone: 020 302 50786 | Internal jabber: [REDACTED] | Pronouns: she/her ([why is this here?](#))

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