



Notice of request for more information

The Environmental Permitting (England & Wales) Regulations 2016

Company Secretary

Northacre Renewable Energy Limited
Davidson House
Forbury Square
Reading
RG1 3EU

Application number: EPR/CP3803LV/A001

The Environment Agency, in exercise of its powers under paragraph 4 of Part 1 of Schedule 5 of the above Regulations, requires you to provide the information detailed in the attached schedule. The information is required in order to determine your application for a permit duly made on 20/10/2020.

Send the information to either the email or postal address below by 02/08/21. If we do not receive this information by the date specified then we may treat your application as having been withdrawn or it may be refused. If this happens you may lose your application fee.

Email address: psc@environment-agency.gov.uk.

Postal address:

Permitting and Support Centre
Quadrant 2
99 Parkway Avenue
Parkway Business Park
Sheffield
S9 4WF

Name	Date
Senior Permitting Officer	20/04/21

Authorised on behalf of the Environment Agency

Notes

These notes do not form part of this notice.

Please note that we charge £1,200 where we have to send a third or subsequent information notice in relation to the same issue. We consider this to be the first notice on the issues covered in this notice.

The notes in italics that appear after information requests in the attached schedule do not form part of the notice. The notes are intended to assist you in providing a full response.

Schedule

1. Provide a revised version of the air quality report table 33

There are errors in the calculation of the PEC both in metals emitted at combined limit and in the no worse than permitted facility columns.

2. Provide a revised site plan for inclusion in the draft permit, based on drawing S2862-8000-0002 and including;

the installation boundary in green,

the layout of the proposed waste conveyor from the adjacent MBT plant.

the emission points to air, designated A1, A2 ..etc.,

emission points to water, designated W1, W2 etc.

emissions points to sewer, designated S1, S2 etc.,

an indication of the direction of North,

The original drawing does not include all the above.

3. Confirm the following relating to plant capacity and throughput:
 - i. Whether the requested permitted capacity is 30.9t/hr and 243,000 tonnes per year. If greater than this please specify
 - ii. The throughput in tonnes / hr and tonnes / yr that the dispersion modelling was based on
4. Provide details of the dirty water pit, including location, capacity, pollution prevention measures, controls and monitoring arrangements.
5. Provide details of the IBA storage area, including location, size, pollution prevention measures, controls and monitoring arrangements. Provide details of the oversize material and metal separation systems, the storage of them and the arrangements for pollution control measures.
6. Explain how the mixing of fuels from different suppliers within the waste bunker will be carried out to improve the homogeneity of fuel input to the furnace.
7. Provide details of the firewater/raw water storage tank, including capacity and arrangements to ensure that the firewater capacity is adequate at all times.
8. Please clarify the following about the air extraction system:
 - i. Details of the air extraction system using combustion air from the storage building including justification that negative pressure can be maintained:

- a. When doors are open to allow access
 - b. That the system will be designed so that sufficient negative pressure will be generated without the need for the alternative extraction system.
- ii. For the alternative extraction system clarify:
 - a. Whether it will just be used when the furnace is not operating
 - b. If required at other times provide a justification for this
9. Provide details of the stand-by odour abatement system including an explanation of the design air flow rate and proposals for monitoring the exhaust.
10. Provide an expanded assessment against the BAT conclusions to include consideration of the following:
- i. BAT options listed in BAT 20 rows b, e and i
 - ii. BAT 27 row c, as to whether boiler sorbent injection in addition to the proposed acid gas abatement system would provide additional benefits.
 - iii. BAT 29 and 30; include consideration of catalytic filter bags either in place of or in addition to the SNCR system.
 - iv. BAT 33 row d
11. Provide details of the proposed waste conveyor delivering waste from the adjacent MBT plant. Explain how the conveyor will be controlled and explain the waste acceptance and pre-acceptance procedures.
12. Provide an assessment of the impact of the facility on the nearby bat roosts.

Risk assessment

13. Page 17 of the Environmental risk assessment refers to gasification; please clarify.

EWC codes

14. Provide further information on the following proposed wastes
- i. 20 01 10 and 20 01 11 – could these be recycled?
 - ii. 20 02 01 – why is biodegradable waste proposed?

BAT assessment

15. Table 12 of the BAT assessment shows nitrous oxide as 120 mg/m³ whereas 10 mg/m³ is used in the greenhouse gas assessment for moving grate. Please clarify amend the BAT assessment as appropriate.

Ground contamination

16. Please confirm whether there is any risk due to Anthrax contamination of the ground at the site.