Notice of request for more information

The Environmental Permitting (England & Wales) Regulations 2016

Fortum Carlisle Limited

Company Secretary

24 Old Queen Street
London
SW1H 9HP

Application number: EPR/SP3609BX

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 12/06/2020.

Send the information to either the email or postal address below by 11/05/2021. If we do not receive this information by the date specified then we may treat your application as having been withdrawn or it may be refused.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: [redacted]

Postal address:
[redacted]

Name	Date
[redacted]	30/05/2021

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

EMS

1. There are a number of potential inaccuracies in the Application documents, as shown below. Please check, clarify and amend as appropriate:
    a. The second page of Appendix D, “Ecological interpretation of AQA” shows the document status as “DRAFT”.
    b. The same page includes this statement “This report is not to be used for contractual purposes unless this approval sheet is signed and designated as ‘FINAL’.”
    c. The Human Health Risk Assessment included with the Air Quality Assessment is marked as revision 0 and “First Issue for client review” this suggests that the document has not been properly considered and accepted by the client
    d. On the title page of the Noise Assessment Review, the report no. is given as R19.1109/DK but in the footer of the contents page the report number is R18.1107/DRK
    e. The document entitled “Site Condition Report” written by Fichtner included with the application is dated 03/01/2020, the survey reports on which it relies are dated 2016.
    f. Appendix A (Installation Boundary) of the Odour Management Plan is blank.
    g. There are numerous examples where the date in the footer of the documents does not match the date in the document revision record (including but not limited to the Non-Technical Summary). Please confirm all documents submitted with inconsistent dates are most up to date documents
    h. Weather Data Used for Results in the Air Quality Assessment: clarify why tables 26 and 27 refer to different years than the text of section 8.2 Results
    i. Table 32 in the Air Quality Assessment is titled “Annual Mean VOCs (as Benzene) Impact at Identified Sensitive Receptors” but that section of the report is about PAHs.
    j. Provide information to show how global warming potential calculations in table 2-2, paragraph 2.2.5 of the BAT assessment were calculated
    k. Varying statements of the length of time the facility will operate annually clarify why this it differs throughout the application documents.

FPP

Please provide responses to the following questions and provide an updated FPP to reflect the answers:

2. Provided an updated site plan showing the following:
    a. Location of quarantine area
    b. Unacceptable and Non-compliant Waste
    c. Location of any areas, if any, where hazardous materials will be stored
    d. Location of drain covers and any pollution control features such as drain closure values and firewater containment systems;
    e. Site drainage plan;
    f. Firewater containment system
    g. Location of gas cylinders; and
    h. Mobile plant
    i. Location of drainage Pits for Hot Water
    j. Location clean water pit

3. Confirm whether there is no natural or unmade ground onsite, and update the site plan to reflect this.

4. It is not clear if the quarantine area will be used for both unacceptable waste and hot loads. Please confirm if this is the case and clarify how this will be managed.

5. Include a map of all nearby sensitive receptors.

6. Clearly state all the potential waste storage areas and confirm that the FPP is applicable to all of these. All solid, non-hazardous, combustible waste on site must be outlined and considered in the FPP.

7. Confirm timescales unacceptable waste will be onsite.

8. Confirm all fire walls will have a minimum of 4 hours fire resistance rating.

9. Clarify what is meant by 'where feasible, where appropriate and where practicable' in the following statements and provide more specific details for each scenarios:

   the pile separation distances will be adopted as good practice where feasible

   and

   where appropriate, the quarantine areas will be in accordance with the requirements of the fire prevention plan (FPP) guidance, i.e. it will:

   • hold at least 50% of the volume of the largest pile, row or block of containers at the Facility;

   and

   • where practicable, have a separation distance of at least 6 metres around the quarantined waste.

   and

   Where appropriate, waste storage areas will be designed with automatic fixed fire detection and suppression systems.

10. Confirm all sources of ignition will be keep at least 6 metres away from any combustible or flammable waste or clarify what is meant by '*Where feasible'* in the following statement:

    Where feasible, the guidance of keeping all sources of ignition at least 6 metres away from any combustible or flammable waste will be followed as part of this management system.

11. Provide details on the prevention, detection and control of fires in electrical control systems including the use of fireproofed cabling

12. Provide evidence that inspection of vehicles and electrical items necessary for the operation of the Facility will be appropriate to minimise fire risk

13. Provide information on what procedures will be used to prevent liquids leaking or trailing from vehicles on site and what actions will be taken to respond to any leaks or spillage of chemicals

Waste types

14. Please provide additional information on the proposed waste types as set out below:
    a. Show whether wastes 02 01 03, 02 01 07, 02 03, 02 03 04 and 02 06 are suitable for incineration or would be more suited to be treated with other methods such as composting or anaerobic digestion
    b. To show whether wastes 02 01 04, 03 01, 03 01 01, 03 01 05, 03 03 07, 03 03 08, 15 01 02, 15 01 05, 15 01 06, 17 02 03, 19 12 04 and 20 01 39 are suitable for incineration due to potential to affect emissions
    c. Explain what wastes will be received under the following codes 18 01 04, 18 02 03, 19 06 04 and 19 06 06
    d. Whether wastes 02 02 03, 02 03, 02 03 04, 02 06 01, 18 01 04, 18 02 03, 19 06 04, 19 06, 19 06 06, 19 08, 20 03, 20 03 01 and 20 03 04 will result in increased risk to odour
    e. Justify receiving the following wastes rather than them being recycled: 02 01 04, 02 01 07, 04 02 21, 03 01, 03 01 01, 03 01 05, 03 03 08, 04 02 22, 15 01 01, 15 01 02, 15 01 03, 15 01, 15 01 05, 15 01 06, 15 01 09, 17 02 01, 17 02 03, 19 12 01, 19 12 04, 19 12 07, 19 12 08, 20 01 01, 20 01 10, 20 01 11, 20 01 39 and 20 02 01

Waste Management

15. Air Pollution Control (APC) residues:
    Provide details of the 'chute system that will be used for unloading the APCr

16. Bottom Ash:
    Confirm whether the metal fractions will be recovered from the bottom ash. Please also provide details of this process

Water Management

17. Please confirm whether areas where receipt handling and storage of waste take place are within a sealed water drainage system.

18. The direction and source of the clean washdown water is unclear on the Water flow Diagram Please provide details / clarify what clean process in particular:
    a. The direction of water flow
    b. Where the water for the washdown will be stored
    c. Where the water from the washdown will be stored
    d. Is the more than one direction the water can flow and how are these directions isolated

19. The site drawings labelled Installation Boundary indicate that the surface water storage tank is 840m3. The same diagram lists the raw and fire water tank as 2400m3 with 1500m3 for fire and 700m3 for raw.

    The fire water tank exceeds the surface water storage tank please provide details on:
    a. how fire water will be prevented from entering ground water and cargo beck,
    b. Clarity on discrepancies that The Raw and Fire Tank sizes do not total the figure given for Raw & Fire Water Tank.

20. The site drawings labelled Installation Boundary indicate a collector pits for water, however there are no details in the supporting documents. Please provide further details on this specifically:
    a. The size of the pit
    b. What water is stored in the pit and why
    c. Include on the indicative water flow diagram
    d. What measures are in place to prevent water leaking into ground water form these pits
    e. What measures are in place to prevent surface water entering these pits

21. The site drawings labelled Installation Boundary indicate an underground tanks for dirty hot processed water, however there are no details in the supporting documents. Please provide further details on this:
    a. What hot water will be stored in these
    b. What size are they
    c. Why are they not on the indicative water flow diagram
    d. What measures are in place to prevent water leaking into ground water form these
    e. What measures are in place to prevent surface water entering these tanks

22. The site drawings labelled Installation Boundary indicate pumping pit in the dirty process waters, this is followed by text that starts *"5 – (8)"* but the rest is not clear on the diagram. Please clarify what this is

Flood risk

23. Describe what measures will be in place to prevent pollution in the event of a flood in particular:
    a. Details of mitigation to the risk of contaminated water entering both groundwater and Cargo Beck (and therefore also the River Eden SAC/SSSI).

Chemical delivery and storage:

24. Please confirm that all storage tanks will be bunded to 110% capacity.

25. Please provide clarification what is meant by the following statement in relation to the secondary and tertiary

    All chemicals will be stored in an appropriate manner incorporating the use of suitable secondary and other measures (such as acid and alkali resistant coatings) to ensure appropriate containment and tertiary abatement measures.

26. Please provide further details of the tanker off-loading area in relation to measures in place to contain a spill during delivery

Fugitive Emissions

27. The following plans have not been submitted. Please provide details of measures to prevent fugitive emissions and justify why the Management Plans have not been submitted as part of the application:
    a. Dust Management Plan (DMP)
    b. Pest Management Plan (PMP)
28. Please confirm if FOG sprays will be used to control dust and evidence to justify decision

Operator

29. Provide information, taking into account the points below, to show whether Fortum Carlisle Limited will be able to comply with the conditions of an Environment Permit should a permit be issued:

    Compliance history of Fortum Carlisle Limited and its officers. When considering Fortum Carlisle Limited officers, compliance of other companies whilst those officers were officers of the other companies shall be considered. The response you submit shall include consideration of compliance with environmental and other legislation. In particular that led to late submission of the **31 December 2019** accounts for Fortum Carlisle Limited

Other

30. Please clarify where fuel oil will be stored section 2.1.2 of supporting documents state:

    '*Fuel oil will be used on site ….fuel can be stored in dedicated storage tank*'

31. Please explain what the hauling opening detailed in the site diagram is.