

Request for Further Information- Beckton – 12th April

Date: 22 April 2024
Project name: STC IED
Project no: B22849AZ
Attention: Sarah Raymond
Company: Thames Water
Prepared by: Tamsin Potter
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Dear Sarah Raymond

Thank you for your email “Thames WaSC - Not duly Made request for further information and payment - Beckton” on the 12th of April 2024. Please see below for the answers to your questions:

1. Stack Dispersion

You have advised in response to this question that *“We expect to receive the standard improvement condition to review the effectiveness of abatement systems, during which we will undertake an impact assessment. This impact assessment will determine if the ventilation system is causing an impact at receptors and determine actions required for appropriate abatement if necessary.”*. We would advise again that BAT 14d requires that **in order to prevent, or where that is not practicable reduce diffuse emissions to air** you must adopt techniques such as storing, treating and handling waste and material that may generate diffuse emissions in enclosed buildings and/or enclosed equipment, collection and directing emissions to an appropriate abatement systems which are identified in BAT 34. As such BAT is to implement an abatement technique identified in BAT 34. Dispersion is not BAT and does not provide an equivalent level of environmental protection. As such it would be our intention to progress this application on the basis that we would implement an IC for the provision of OCUs in line with BAT 34 by the 31/3/2025.

Please confirm your acceptance of the above IC approach to enable us to duly make your application.

Answer 1

TWUL accept that the EA will impose an IC in the IED permit for the Beckton cake barn stack.

The cake barn at Beckton was built in accordance with Thames Water Asset Standards current at time of building and was subject to an assessment of the odour impact from the stack as part of the planning process. This was based upon a maximum odour concentration at the site boundary, rather than through consideration of a point source emission value.

TWUL will be progressing with monitoring (including odour) at Beckton in May 2024 following which we will undertake an impact assessment which will determine compliance of stack with BAT AEL of channelled emissions. We anticipate the results for the Beckton monitoring in Quarter 3 2024.