



Public Health
England

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Aaron Morley
Environmental Protection Officer
Huntingdonshire District Council
Pathfinder House
St. Mary's Street
Huntingdon
PE29 3TN

[by email]

20 September 2017

Dear Mr Morley,

**Environmental Permit application for R.A Latta Farms Limited, Bridge Farm,
Holme Den Drove, Colne, Huntingdon, Cambridgeshire, PE28 3RE
Part A2 PPC Permit Application Consultation
Additional information: Air Quality Assessment, Bridge Farm Biomass Boiler**

Thank you for consulting Public Health England (PHE) on the air quality assessment for the above Environmental Permit application received on the 11 September 2017. This response should be read in conjunction with our previous correspondence dated 11 September 2017.

The submitted Air Quality Assessment considers the potential impact on ambient air quality of products of combustion (i.e. nitrogen dioxide (NO₂), particulate matter (PM₁₀), sulphur dioxide (SO₂) and carbon monoxide (CO)) from the biomass boiler. Detailed dispersion modelling has been undertaken for each pollutant to predict concentrations at a number of receptors surrounding the site for each of the 5 years modelled. The modelling has used meteorological data from 2010-2014, however it is unclear why this timeframe was selected. The assessment is based on a worst-case scenario that emissions will be comparable to the Industrial Emissions Directive (IED) emission limit values and the installation will run 24hrs/day throughout the year. The dispersion modelling results indicate that estimated concentrations (including existing background levels) for NO₂, PM₁₀, SO₂ and CO are below long-term and short-term air quality objectives for each pollutant.

It is understood that the plant is required to be compliant with the Industrial Emissions Directive (IED) (which incorporate the Waste Incineration Directive (WID)) and as such will need to meet specified emission limit values. The submitted air

quality assessment indicates that point source emissions from the process are unlikely to be significant.

Any additional information obtained by Huntingdonshire District Council in relation to these comments should be sent to PHE for consideration. Such information could affect the comments made in this response.

Yours sincerely

A handwritten signature in black ink, appearing to read 'ADunne'.

Adrienne Dunne
Environmental Public Health Scientist
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CC: East of England PHE Centre; and Cambridge County Council Public Health team