

Appendix 6.3: Consultation with North Hertfordshire District Council

From: [REDACTED]
Sent: Monday, October 16, 2023 10:00 AM
To: [REDACTED]
Subject: RE: GA2, Land off Great Ashby Way - Air Quality Assessment Methodology

Hi [REDACTED]

Thank you for your response we will take into account your advice when we conduct the air quality assessment.

The current proposed development is for a residential development of up to 650 homes, access road, up to 500sqm retail, food and beverage and medical and social floorspace, up to 4ha of non-Green Belt land to make provision for a 2FE primary and possible 4FE secondary school, parking infrastructure and associated works.

Please let me know if you have any further comments on the air quality assessment methodology, please let me know.

Best wishes,

[REDACTED]

[REDACTED]

Waterman Infrastructure & Environment Ltd

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 Please consider the environment before printing this e-mail. Thank you!

From: [REDACTED]
Sent: Tuesday, October 10, 2023 7:47 PM
To: [REDACTED]
Subject: RE: GA2, Land off Great Ashby Way - Air Quality Assessment Methodology

Hi [REDACTED], Thank you for contacting me about the Air Quality Assessment.

Please can you tell me the number of planned dwellings at this site?

You need to contact the County Council for Traffic data if it's not available on the national database.

As for background year, I suggest you go for 2019 as the monitoring was less reliable in 2022, but up to you, you can access it via the Herts & Beds AQ Webpage hosted by airqualityengland.co.uk

Additionally we'd like to see the Air quality damage calculation as referenced in the attached Air Quality Planning Guidance issued by North Herts Council (as attached), as issued by DEFRA.

Please reference the Planning Guidance Document.

Best wishes

[Redacted]

[Redacted]

Air Quality Consultant

[Redacted]

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From: [Redacted]

Sent: 10 October 2023 16:57

To: [Redacted]

Cc: [Redacted]

Subject: GA2, Land off Great Ashby Way - Air Quality Assessment Methodology

Good afternoon [Redacted]

I would like to agree with North Hertfordshire Council the scope for an air quality assessment for the residential development of GA2, Land off Great Ashby Way.

A qualitative assessment of the potential impacts of the development on local air quality during construction would be undertaken, in accordance with the 2023 IAQM Guidance. This would use

best practice guidance to assess dust nuisance and construction plant/ vehicles, detailing any mitigation measures required.

We propose to use the detailed dispersion model ADMS Roads to model the existing, future without development and future with development scenarios at existing sensitive receptors in proximity to the Site and within the domain of the roads modelled. The model will also consider the likely future concentrations users of the Development would be exposed too. As part of the inputs as traffic flows follow a diurnal variation throughout the day and week, the ADMS-Roads model will therefore include the DfT traffic profile for all roads nationally. Additionally, if any point source emissions such as CHP / Boiler emissions or generators are proposed, they would be modelled using ADMS 6.

We propose to verify the model using the 2019 data or (2022 data if available) from diffusion tubes located in the vicinity of the site. The adjustment factor, if required, would then be used to adjust the baseline and future with and without development scenarios.

We propose to model all road links that would result in a change of:

- 500 LDV's or 100 HDV's AADT outside AQMAs
- 100 LDV's or 25HDV's inside AQMAs.

In addition to the following road links:

- Mendip Way
- Great Ashby Way
- Cleveland Way

In addition, the assessment will consider the following supporting planning and supplementary advice when undertaking the assessment:

- Planning Policy D4 of the North Hertfordshire Local Plan – which recommends development proposals consider the potential or actual impact on local air quality, and carry out air pollution impact assessments, where required, to determine the impact on local air quality of the development.
- Emerging national policy relating to PM_{2.5} and the new limit value of 10µg/m³.

I would welcome your thoughts on the above methodology

[Redacted signature]

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