Appendix 14.1: Consultation with Dorset Council

From: [redacted]>
Sent: 06 September 2022 10:58
To: [redacted]>
Subject: RE: Land at Alderholt - Air Quality Assessment Methodology

Dear [redacted],

Thank you for your email – further to our telephone conversation this looks to be in order and an appropriate method for an air quality assessment.

We are required, however, to assess each submission upon its own merits and cannot guarantee against need for further details.

Please let me know if you require further assistance,
Kind regards

[redacted]
Acting Environmental Health Officer - Place Services
Workplace Steward - UNISON
Dorset Council

[redacted]
dorsetcouncil.gov.uk

From: [redacted]>
Sent: 06 September 2022 09:22
To: [redacted]>
Subject: Land at Alderholt - Air Quality Assessment Methodology

Good morning,

I would like to agree with the Dorset the scope for an air quality assessment that will form part of the ES for the proposed development of land at Alderholt, Dorset (hereafter referred to as the Site).

A qualitative assessment of the potential impacts of the development on local air quality during construction has been undertaken, in accordance with the 2014 IAQM Guidance. This has used best practice guidance to assess dust nuisance and construction plant/ vehicles, detailing any mitigation measures required.

We have used 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 has also considered 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 therefore includes the DfT traffic profile for all roads nationally.

We have verified the model using the 2019 data from the Tawa, Horton Road, Ringwood (1) and the 24 Ringwood Road, St Ives (10) roadside diffusion tubes (the closest to the Site). No adjustment factor was required, so further adjustment of the model was not deemed necessary.

I welcome your thoughts on the methodology.

Kind regards

[redacted]

[redacted]
Graduate Consultant
Waterman Infrastructure and Environment Ltd