

Lambert, Fiona

From: Lewis, Craig
Sent: 14 December 2020 14:41
To: Lankshear, Robert
Cc: Athay, Rebecca
Subject: RE: 2020-01170-OUT Upper Cosmeston Farm Dvlpt

Hi Robert,

Air Quality Comments

Officer: Craig Lewis

In accordance with planning application 2020/01170/OUT an Air Quality Assessment (AQA) has been undertaken to ascertain the likely air quality impacts associated with the proposed development through its construction and operational phases.

I have the following comments to make;

For the construction phase of the proposed development, as depicted by Table 11.11 of the submitted Air Quality Chapter (Chapter 11) a low- high risk has been identified with respect to dust soiling, human health & ecology. With regards to the element of risk associated with the construction phase of the development, it is therefore considered essential that a suitable Construction Environmental Management Plan outlining a detailed Dust Management Plan with appropriate measures be submitted and approved by the Local Planning Authority (LPA) prior to the development proceeding.

Condition: Dust Control

Prior to the commencement of development a scheme (Construction Environmental Management Plan) to minimise dust emissions arising from construction activities on site shall be submitted to and approved in writing by the Local Planning Authority. The scheme shall include details of dust suppression measures and the methods to monitor emissions of dust arising from the development. The construction phase shall be implemented in accordance with the approved scheme, with the approved dust suppression measures being maintained in a fully functional condition for the duration of the construction phase.

Reason: To assess air quality and agree any mitigation measures that may be required to safeguard the amenity of nearby residents in the area.

For the operational phase of the development, the report utilises detailed dispersion modelling to depict whether existing and future residents will be made susceptible to any adverse changes in air quality levels, particularly focusing upon transport derived nitrogen dioxide (NO₂) and particulate matter (PM₁₀ & PM_{2.5}).

For operational purposes, in order to determine potential impacts to air quality as a result of increased traffic movements associated with the development, the air quality modelling considers an understanding for a projected year of opening scenario (2022). The applicant ensures a highly conservative outcome given the inclusion of traffic flow levels which are not anticipated until 2029. The modelling adopts best practise guidance and considers worse case predictions by performing additional sensitivity testing, such as the use of AQC's Cured Toolkit to verify EFT datasets.

The AQA concludes that the overall effect of the proposed development, in terms of road traffic impacts, will be 'negligible'

I concur with the conclusions made by the assessment and on grounds of air quality have no objections.

Kind Regards,

Craig



Craig Lewis | Specialist Services Officer (Specialist Enterprise Services)

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From: Lankshear, Robert <rlankshear@valeofglamorgan.gov.uk>

Sent: 10 December 2020 10:54

To: Lewis, Craig <crlewis@valeofglamorgan.gov.uk>

Subject: RE: 2020-01170-OUT Upper Cosmeston Farm Dvlpt

Hi Craig,

Thanks for coming back. The sooner the better if possible but appreciate your other workload commitments.

Thanks

Robert Lankshear
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