

COFNOD / MEMORANDUM

I / To:	Mr Ceiri Rowlands	Oddi Wrth / From:	C Lewis
Adran / Dept:	Planning Department	Ein cyf / Our ref:	SRS/E/CL/2019/00871/OUT
Dyddiad / Date:	26th September 2019	Ffôn / Tel:	03001236696
Eich Cyf / Your Ref:	2019/00871/OUT	Ebost / Email:	EnvPlan-SRSWales@valeofglamorgan.gov.uk

SUBJECT: PLANNING APPLICATION NO: 2019/00871/OUT: LAND AT MODEL FARM, PORT ROAD, RHOOSE; OUTLINE APPLICATION COMPRISING DEMOLITION OF EXISTING BUILDINGS AND ERECTION OF 44.79HA CLASS B1/B2/B8 BUSINESS PARK, CAR PARKING, LANDSCAPING, DRAINAGE INFRASTRUCTURE, BIODIVERSITY PROVISION AND ANCILLARY WORKS. ALL MATTERS RESERVED ASIDE FROM ACCESS.

Further to receipt of the above accepted planning applications, I would like to provide comments in relation to potential air quality issues on behalf of SRS: Environment Team:-

Air Quality Comments **Officer: Craig Lewis**

In accordance with planning application 2019/00871/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.

For the construction phase of the proposed development a medium risk has been identified with respect to dust as a result of construction phase activities (Earthworks and Construction). 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.

COFNOD / MEMORANDUM

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 (ADMS-Roads) to depict whether local residents and future occupants of the proposed development 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 nearby traffic movements, the air quality modelling considers an understanding for a baseline scenario and a projected year of opening scenario (2023). The modelling adopts best practise guidance and considers a conservative approach to provide outcomes.

Tables 6.1, 6.2, 6.3 & 6.4 outline the long term and short term air quality levels (NO₂, PM₁₀ & PM_{2.5}) with the proposed scheme in place for an opening year of 2023 (**With Scheme**).

The operational impacts derived by the proposal are expected to not be significant. I am in agreement with this conclusion.

Environment Team
Shared Regulatory Services
Bridgend, Cardiff & the Vale of Glamorgan