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Your Ref: TR010044

Our Ref: 57976

25<sup>th</sup> August 2021

Ms Menaka Sahai  
Lead Panel Member for the Examining Authority  
The Planning Inspectorate  
Temple Quay House  
2 The Square  
Bristol BS1 6PN

Dear Ms Sahai

**Nationally Significant Infrastructure Project  
A428 Black Cat to Caxton Gibbet Improvements**

Thank you for your consultation regarding the above development. Public Health England (PHE) welcomes the opportunity to respond to the written questions as set-out in your letter dated 20<sup>th</sup> August 2021.

Q1.2. Air Quality		
Q1.2.1 Effects on human and ecological receptors		
Q1.2.1.1	Local Authorities Public Health England	<b>Effects on receptors</b> ES [APP-074, paragraphs 5.9.38 – 5.9.40] states that the Proposed Development would have no significant adverse effects on human health or designated habitats sites during either construction or operational phases of the scheme. Do LAs and PHE agree with this conclusion? Explain with reasons.

Based on the information contained within the application, namely air quality modelling, we are satisfied that there should be an insignificant impact on public health. This is based on the modelled outputs which indicate either that:

- air quality objectives will not be exceeded at receptor locations or;
- that the new road layout will contribute only imperceptibly to air pollution at the seven locations with predicted levels of nitrogen dioxide above the air quality objective.

It should be noted however that our position on air quality is that reducing public exposures to non-threshold pollutants (such as particulate matter and nitrogen dioxide) below air quality standards has potential public health benefits. We support approaches which minimise or mitigate public exposure to non-threshold air pollutants, address inequalities (in exposure), and maximise co-

benefits (such as physical exercise) and encourage their consideration during development design, environmental and health impact assessment, and development consent.

Q1.2.1.4	Applicant Local Authorities Public Health England	<b>Dust control</b> With specific regard to the control of construction dust, are LAs and PHE satisfied with the measures proposed in the first iteration EMP and the level of detail that will be secured in the dDCO through the First Iteration EMP [APP-234, Annex A, Tables A-1, A-2, A-3].
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Based on the information contained within the application, we are satisfied that there should be an insignificant impact on public health during the construction phase, as the submitted documentation indicates that industry standard/good practice measures will be put in place to manage fugitive construction dust. The proposed measures are typical of those used on similar construction projects.

Please do not hesitate to contact us if you have any questions or concerns.

Yours sincerely

On behalf of Public Health England  
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