

To:
Martin Knowles
Guildford Borough Council

Project name:
Air Quality Review of Guildford Borough
Proposed Submission Local Plan: Strategy and
Sites

Project ref:
60537035

CC:

Document ref:
60537035_AQ_05

From:
Elisha Coutts

Date:
27 November 2017

Technical Note

Addendum to the ‘Air Quality Review of Guildford Borough Proposed Submission Local Plan: Strategy and Sites “June 2017”’

Introduction

This technical note provides points of clarity between the ‘Air Quality Review of Guildford Borough Proposed Submission Local Plan: Strategy and Sites “June 2017”’ [hereafter referred to as the Air Quality Review] and ‘The Street Compton – Air Quality Assessment’ (AECOM, October 2016) [hereafter referred to as the Compton Air Quality Assessment].

The overall conclusions of the Air Quality Review of Guildford Borough Proposed Submission Local Plan: Strategy and Sites “June 2017” remain unchanged.

Commentary

Item 1

The third paragraph of Section 2.3 (page 9) of the Air Quality Review states:

“The results of this assessment show that there are residential receptors at which the NO₂ concentration is above the associated objective.”

This text incorrectly refers to more than one receptor, only one receptor should have been referred to, and the below text is correct:

“The results of this assessment show that there is a residential receptor at which the NO₂ concentration is above the associated objective.”

Item 2

Following the sentence above in the Air Quality Review, in Section 2.3 (page 9), the report goes on to state:

“It is predicted that if little development takes place within the area and vehicles emissions are reduced by technological advances these objective exceedance should reduce to below the objective in the future, without measures being required locally.”

In the Compton Air Quality Assessment there is similar text:

“However, with the predicted improvements in emissions in the future, these locations should not be in danger of exceeding unless the traffic conditions change.”

The above statements are slightly different wording of the same concept namely that improvements in emissions due to technical advances will reduce concentrations at these receptors, in the absence of other significant development in the area, without the need for any site specific measures to concentrations below air quality objectives.

Therefore whilst phrased slightly differently, the message is the same.

Item 3

In Section 4.1 (page 12) of the Air Quality Review report, it is stated, in reference to The Street in Compton:

“The area was not declared as an AQMA as the assessment noted that emissions from traffic were expected to decrease into the future which should lead to a decrease in NO₂ concentrations measured in the area.”

The Compton Air Quality Assessment report does not recommend the introduction of an AQMA, noting decreases in emissions and hence decreases in NO₂ concentrations were expected in the future. The Compton Air Quality Assessment also recommends further work to provide options to further improve concentrations at the worst affected areas in Compton in addition to the general improvements already discussed which are expected over time.

“6.2 Recommendations for Further Work

It is recommended that the following be considered as further work:

- 1. Modelling with future year emissions to get an indication of when concentrations will fall below the Objective Limit assuming no change in traffic data and assuming emissions improve in line with predictions;*
- 2. Sensitivity testing – potential solutions could be investigated such as:*
 - a. Having a “keep clear” zone outside Little Cottage so that traffic does not queue directly outside the house;*
 - b. Banning heavy duty vehicles from travelling through Compton during peak times.*
- 3. Continue monitoring and determine whether additional monitoring is required.”*

Conclusions

The above points of clarification should be read in conjunction with the ‘Air Quality Review of Guildford Borough Proposed Submission Local Plan: Strategy and Sites “June 2017”’ and ‘The Street Compton – Air Quality Assessment’ (AECOM, October 2016).

The overall conclusions of the Air Quality Review of Guildford Borough Proposed Submission Local Plan: Strategy and Sites “June 2017” remain unchanged.

Quality information

Prepared by	Checked by	Approved by
<hr/> Elisha Coutts Principal Air Quality Consultant	<hr/> David Deakin Technical Director, Air Quality	<hr/> David Deakin Technical Director, Air Quality

Revision History

Revision	Revision date	Details	Authorized	Name	Position
<hr/>					
<hr/>					
<hr/>					

© 2017 AECOM Infrastructure & Environment UK Limited. All Rights Reserved.

This document has been prepared by AECOM Infrastructure & Environment UK Limited (“AECOM”) for sole use of our client (the “Client”) in accordance with generally accepted consultancy principles, the budget for fees and the terms of reference agreed between AECOM and the Client. Any information provided by third parties and referred to herein has not been checked or verified by AECOM, unless otherwise expressly stated in the document. No third party may rely upon this document without the prior and express written agreement of AECOM.