

Stroma Reference: 09-19-79638 Harlington School

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Val Beale

Air Quality Officer

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Dear Val,

By instruction of Wates Construction, Stroma Built Environment were commissioned to provide an air quality management plan to demonstrate that air quality will not worsen with the proposed Harlington School development in place. However at the time of planning submission, a complete dataset was not available and so please see below for the methodology of the air quality management plan.

Proposed Assessment Methodology

An Air Quality Impact Assessment will be undertaken to model the impact of any traffic changes as a result of the proposed development. The impacts of vehicle emissions will be assessed using the techniques detailed within Volume 11, Section 3 of the Design Manual for Roads and Bridges (DMRB)¹, Local Air Quality Management Technical Guidance (LAQM.TG16)² and the London Local Air Quality Management guidance (LLAQM.19). Road traffic emissions will be assessed using the ADMS-Roads air dispersion model and guidance released by Environmental Protection UK (EPUK) will be used to assess the significance of air quality impacts resulting from the proposed development.

An Air Quality Neutral assessment for building and transport emissions will be undertaken in accordance with the London Plan and if the proposed development is not found to be air quality neutral, mitigation measures will be provided to demonstrate air quality neutrality.

Conclusion

At the time of planning submission, the data required for the air quality management plan was not available. However an air quality management plan will be provided in due course using the above methodology.

Yours sincerely,
James Browne
Stroma Built Environment Senior Air Quality Consultant

¹ Design Manual for Roads and Bridges, Vol 11, Section 3, Part 1 – HA207/07, Highways Agency, May 2007

² Part IV of the Environment Act 1995, Local Air Quality Management Technical Guidance (TG16), Defra, February 2018