

Current Position: Assistant Consultant with Air Quality Consultants Ltd.

Year of Birth: 1983

Nationality: British

Qualifications: MSc Environmental Health, with distinction (2007)
BSc (Hons) Biochemistry (2004)

Key Experience:

- Carried out air quality assessments for a range of residential and commercial development projects.
- Involved in review and assessment work carried out on behalf of local authorities.
- Involved in development of regional air quality strategies.
- Analysed and interpreted air quality data from the national air quality network and local authority monitoring.
- Modelled air pollutant concentrations using DMRB and ADMS-Roads.
- Conducted an MSc research project with the Air Quality Research Group at the University of the West of England (UWE) focusing on managerial approaches for Local Air Quality Management (LAQM) in the UK.

Employment Record:

- 2007-date** **Assistant Consultant, Air Quality Consultants Ltd.**
Carried out a range of air quality tasks, such as air quality assessments and review and assessment work.
- 2006-2007** **Student Environmental Health Officer, Bolton Metropolitan Borough Council**
Involved in a number of Environmental Health-related interventions.
- 2005-2007** **MSc Environmental Health Student, UWE**
Carried out a research project that used a case study methodology to evaluate the approach for conducting LAQM at a local authority within the UK. It involved interviewing a range of stakeholders in order to identify the implemented approach, providing a critical evaluation of its efficiency and effectiveness, and developing a suite of recommendations for improved practice.

Residential & Commercial Developments

Air Quality Assessment for a Residential Estate, South Normanton, Derbyshire (2008)

Involved in the preparation of an air quality assessment for two proposed residential estates adjacent to the M1 motorway.

Air Quality Assessment for a Residential Development, Watford (2008)

Preparation of an air quality assessment for a proposed residential development adjacent to the Watford Ring Road, focusing on traffic-related air quality impacts upon the development.

Air Quality Assessment for a Mixed-Use Development, Dorchester (2008)

Preparation of an air quality assessment for a proposed mixed-use development, focusing on traffic-related air quality impacts.

Air Quality Assessment for a Mixed Use Development, Ealing, London (2008)

Preparation of an air quality assessment for a proposed residential and commercial development within the London Borough of Ealing AQMA, focusing on traffic-related air quality impacts upon the development.

Air Quality Assessment for a Residential Estate, Rugby (2008)

Preparation of an air quality assessment for a proposed residential estate, focusing on traffic-related air quality impacts.

Air Quality Assessment for a Residential Estate in Lydney, Forest of Dean (2008)

Preparation of the air quality chapter of the Environmental Statement for a proposed residential estate, focusing on traffic-related air quality impacts, particularly in relation to an area of potential exceedence in Lydney town centre.

Air Quality Assessment for a Business Park, Eastwood (2008)

Preparation of the air quality chapter of the Environmental Statement for a proposed business park, focusing on traffic-related air quality impacts at nearby sensitive locations.

Air Quality Assessment for a Mixed-Use Development, Hertford (2008)

Preparation of an air quality assessment for a proposed mixed-use development, focusing on construction and traffic-related air quality impacts both upon the development and at nearby sensitive locations.

Air Quality Assessment for Three Residential Developments, Southwark (2008)

Preparation of an air quality assessment for three proposed residential developments within the Southwark AQMA, using the ADMS-Roads model to assess traffic-related air quality impacts upon the developments.

Air Quality Assessment for a Mixed-Use Development, Hammersmith (2008)

Preparation of an air quality assessment for a proposed mixed-use development within the Hammersmith AQMA, using the ADMS-Roads model to assess traffic-related air quality impacts both upon the development and at nearby sensitive locations.

Air Quality Screening Assessment for a Residential Development, Plumstead (2008)

Preparation of an air quality screening assessment for a proposed residential development within the Greenwich AQMA, which provided a consideration of potential air quality impacts to determine any constraints.

Air Quality Assessment for an Office Development, Trafford (2007)

Preparation of an air quality assessment for a proposed office development, focusing on traffic-related impacts near to the Trafford Air Quality Management Area (AQMA).

Air Quality Chapter of Environmental Statement for a Residential Estate and Associated Park & Ride Scheme, High Wycombe (2007)

Involved in the preparation of the air quality chapter of the Environmental Statement for a large residential estate and associated Park & Ride scheme.

Air Quality Assessment for a Mixed Use Development, Woolwich, London (2007)

Preparation of an air quality assessment to determine the suitability of a site, within the London Borough of Greenwich AQMA, for a proposed residential development, and thus inform the due diligence process.

Air Quality Assessment for a Residential Development, Reading (2007)

Preparation of an air quality assessment for a proposed residential and commercial development, focusing on traffic-related air quality impacts upon the development.

Air Quality Assessment for a Mixed Use Development, Ealing, London (2007)

Preparation of an air quality assessment for a proposed residential and commercial development within the London Borough of Ealing AQMA, focusing on traffic-related air quality impacts upon the development.

Air Quality Assessment for a Residential Development, near Dudley, West Midlands (2007)

Preparation of an air quality assessment for a proposed residential development within the Sandwell AQMA, focusing on traffic-related air quality impacts upon the development.

Air Quality Assessment for a proposed Dentistry and Residential Development, Stratford-upon-Avon (2007)

Preparation of an air quality assessment for a proposed dentistry and residential development, focusing on construction and traffic-related air quality impacts.

Local Air Quality Management

Diffusion Tube Collocation Survey (2008)

Involved in running a nation-wide survey of nitrogen dioxide diffusion tube collocation studies on behalf of Defra and the devolved administrations. The results are published for use by local authorities.

Local Authority Detailed and Further Assessments (2007 - 2008)

Ongoing involvement in the preparation of Detailed Assessment for Worcester City Council and a Further Assessment for Fenland District Council.

Regional Air Quality Strategies (2007 - 2008)

Involved in the preparation of Air Quality Strategies for the Somerset and Herefordshire and Worcestershire regions.