



Michael Bull



Profession

Air quality and odour consultant

Current Position

Director

Years of Experience

34

Nationality

British

Qualification

BSc (Hons) Chemical Engineering –
University of Exeter

DIC. Public Health Engineering –
Imperial College

PhD Public Health Engineering –
Imperial College

Professional Associations

Fellow, Institute of Air Quality
Management

Member, Institution of Chemical
Engineers

Member, Institution of
Environmental Science

Chartered Engineer (CEng)

Chartered Scientist (CSci)

Chartered Environmentalist (CEnv)

Committees

CIWEM Air Quality Panel

IAQM Committee and
Membership Secretary

Numerous published papers and
conference presentations on air
quality matters. Contributing
author to the book *“Designing
with Smell”* published by
Routledge in 2017.

Michael Bull is a highly experienced air quality and odour consultant. He has over 34 years of experience in environmental consulting and is acknowledged as a leading practitioner in this field having run a multidisciplinary consultancy at director level for over 15 years.

Michael has carried out work for Environmental Statements, permit applications, research reports, air quality management plans and specialist reports. He led the group that produced the IAQM guidance on Odours and Planning and was part of the team that produced the IAQM guidance on monitoring of air quality during construction.

Michael is a highly experienced expert witness having appeared at over 70 planning inquiries. He has also given evidence in court cases and before Parliamentary and House of Lords Committees. He has provided advice on air quality matters to bodies such as the Highways Agency, DfT, Defra and the GLA. He is currently the lead advisor on air quality matters for the HS2 (high speed rail) project in the UK.

Michael is one of the country's leading air quality and odour experts with over 34 years of experience – he is widely recognised as a leading thinker in these topics.

Expert Witness

Michael presented expert evidence at over 70 public inquiries mainly on air quality matters but also on water and general environmental issues. This has included evidence on general air quality impacts, dust nuisance and odour impacts covering a wide range of industries, e.g. transport, mineral extraction, waste disposal, LDF proposals, retail, commercial and housing. He also has presented evidence on air quality matters to DCO hearings, Parliamentary Committees, the House of Lords and in Court Cases where he regularly assists clients with statutory nuisance cases.

Odour Assessment – Waste Disposal/Waste Water Treatment

Has undertaken numerous odour assessment projects for waste water treatment plants. These projects have been carried out as part of an environmental statement, for nuisance investigation, to determine site suitability for housing, in defence of legal action and as evidence at public inquiry. These projects have frequently involved organising odour surveys to determine existing conditions and odour emission rates to support further odour modelling with the ADMS or AERMOD models. Familiar with the relevant guidance regarding odour and frequently advising clients on how to resolve potential odour issues. Clients have included Dandara, Barratts, Bloor Homes, Rydon Homes, Yorkshire Water, Thames Water, Bedford Borough Council, Mid Sussex



District Council, St Edmundsbury Borough Council and North Dorset District Council, Clugston Construction Limited, Amey Cespa, Corby Borough Council, Persimmon Homes, Abbey Homes.

Odour Assessment – Restaurant Odours

Dr Bull has carried out odour assessments for many restaurants in the UK. These have applied the methodology detailed in the Defra guidance on Kitchen Ventilation, the IAQM guidance and using the experience gained from more than 20 years of involvement in this type of assessment. Michael's work in this area has typically been the preparation of reports for planning applications and assistance at public inquiries providing expert witness service at planning appeal, either for the applicant or the planning authority depending on the nature of the case. Michael has an excellent record of success in assisting clients obtain planning permission for new restaurants. Clients have included Deliveroo, Foodstars, Anglian Restaurants (Statutory Nuisance), Langans Brasserie, Residents Group (statutory nuisance), Social Wine and Tapas Ltd, Ambient Architecture and Brixton Heritage.

Odour Assessment – Intensive Farming

Michael has been involved in odour assessments of intensive animal rearing facilities for over 30 years. He has carried out odour assessments for chicken rearing, ducks, turkeys, pigs, horses and cattle. These assessments have frequently used dispersion modelling to predict the odour impacts from the activities and to compare with established standards. In addition, he has prepared Odour Management Plans for many facilities regulated by the Environment Agency or by the Local Planning Authority. He has also carried out research on the environmental effects of chicken rearing and has published on the topic. Clients have included Charnwood Borough Council, Faccenda Chickens, Bedford Borough Council (Statutory Nuisance), Blue Moon Farms, Pawton Dairy, and Pinsent Masons (on behalf of a residents group).

Odour – Industrial Processes

Several industrial processes have the potential for odorous emissions and these can result in significant impacts off-site. Dr Bull has worked on a wide range of processes including foundries, aluminium smelting, abattoirs, foundries, bioethanol production, paint spraying (cars and boats), spice production, fragrance manufacturing and food preparation. This work has often been undertaken to assess the suitability of adjacent sites for housing development or for new planning applications. Clients have included Redrow Homes, Dunbia, Bedford Borough Council, Sedgemoor District Council (Statutory nuisance) Citygate Ltd, CEDR, private residents groups, Wates Developments.