

Steve Fraser BSc MPhil

Chartered Environmentalist
Member of Institute of Acoustics
Member of Chartered Institute of Waste Management

Specialist Disciplines : Air Quality; Environmental Noise & Odour

Before setting up his own practice in 2005, Steve has worked for RPS Consultants, the Scottish Environment Protection Agency and Cunninghame District Council.



Planning Inquiries include acting as Expert Witness on:

Odour, dust and noise from integrated waste management facility for Fife Council.
Noise from 26km dualling of A4 for Roads Department in Northern Ireland.
Noise and air quality at re-aligned junction on the A14 for Highways Agency.
Odour from landfill, MRF and composting facilities for Eden Waste Recycling.
Odour and noise from Helensburgh WwTW for Scottish Water.
Noise, dust and odour from landfill for East Riding of Yorkshire.
Air quality and noise from car storage depot for Able UK.
PM₁₀ and dust from open cast coal site for I & H Brown.
PM₁₀, dust and noise from quarry for Morrison Construction.
Noise from proposed restaurant affecting housing for Montpellier Plc.
Air quality and noise from opencast for I & H Brown.
Rail freight noise affecting proposed housing development for Cunninghame DC.
Odour from intensive poultry livestock unit for Goldfinch Estates.
Noise from proposed factory extension for the Bowater Group.
Noise from proposed food store for Aldi Stores Ltd.
Odour from septic tank for Scottish Water
Odour from roadstone coating plant for the Skene Group
Odour from Dunoon WwTW for Scottish Water.

In addition to local planning inquiries, Steve has also advised clients in negotiations between developers and planning authorities to secure planning permission with enforceable, reasonable and , necessary conditions.

Steve has also prepared written evidence and attended planning hearings for odour from paint spraying operations and proposed housing affected by railway noise.



Local Authorities have a statutory duty to assess local air quality and often demand air quality assessments for even minor changes in road traffic. New regulations will soon introduce tougher air quality standards.

European Directives continue to increase the level of assessment required by Environment Protection Agencies. Nature Conservation bodies are often concerned about the effects of pollution on sensitive eco-systems. Local communities are often concerned about air quality impacts, sometimes out of proportion to real objective risk.

Air quality experience includes:

Public Inquiry experience in air quality on behalf of Fife Council, I&H Brown, East Riding of Yorkshire Council, Able UK and Morrison Construction;

Air quality impact assessments for road traffic for the Highways Agency, the Royal Bank of Scotland, and Legal and General;

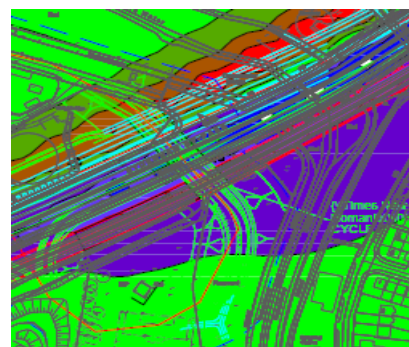
Assessment of dust during demolition and construction projects for the Post Office, Rigblast, AMEC, Alcan and the Royal Bank of Scotland;

Dusty cargo handling on the Clyde, Mersey and Manchester Ship Canal for Clydeport Plc;

Dust and PM₁₀ studies around mines and quarries for LAW Mining, Scottish Coal, I&H Brown, Skene Group and Ballymoney Power;

Air quality assessments around waste management facilities including Material Recycling Facilities, incinerators for Municipal Solid Waste; meat and bone meal and animal carcasses incinerators for Orkney Islands Council, Sacone Industries, Euromet and Ulster Farms;

Consultancy advice to housing developers including David Mclean Homes, Persimmon Homes, Bovis Homes and Westpoint.



Environmental Noise

Noise can prevent the development of otherwise suitable land. The Airshed has extensive experience of advising clients on how to optimise site development without compromising quality of life.

Project experience includes:

Expert witness on environmental noise at public inquiries for Aldi Stores, Scottish Water, Fife Council, the Highways Agency, Roads Service Northern Ireland, I & H Brown, East Riding of Yorkshire Council, and Morrison Construction.

Complex noise prediction from power stations, throughout the UK including combined cycle gas turbines, coal and oil fired power stations;

Noise assessments for mines and quarries for UK Coal, Scottish Coal, ATH Resources, I&H Brown, & Blue Circle;

Advising clients on how to control noise from restaurants, pubs and clubs;

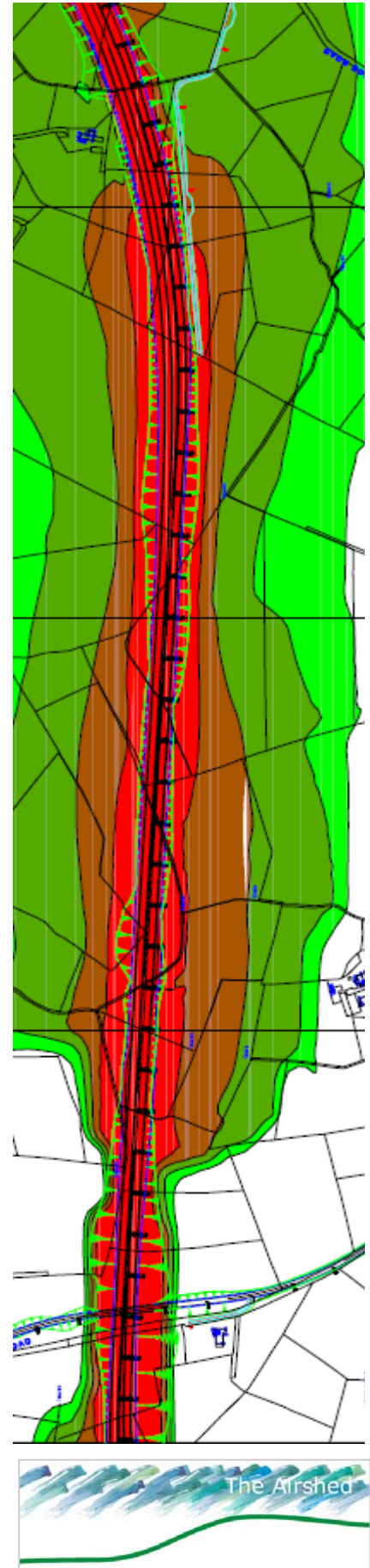
Noise assessments for landfills, gas engines and MRFs for Premier Waste, Hanson, WRG, Greenways and North Ayrshire Council;

Noise control at construction and demolition sites for Scottish Water, the Royal Bank of Scotland, Barr Construction, I&H Brown, the Post Office ; and

Assessment of noise from transport including ports, highways and railways for Clydeport, the Highways Agency, the Royal Bank of Scotland, and AMEC;

Assessment of industrial, road and rail noise affecting proposed housing development for Taylor Woodrow, Bovis, and Persimmon Homes.

Assessment of noise from commercial activities e.g. supermarkets for Sainsburys, Waitrose, Aldi, and Tesco.



The Airshed

Offensive odour has been subject to control for more than a century, since the introduction of the Public Health Acts. These statutory nuisance provisions were updated by the Environmental Protection Act 1990.

More recently the UK government has announced its intention to issue Guidance on the control of odour from sewage works. In Scotland the Executive has published a Statutory Code of Practice for odour from wastewater treatment works.

The number of industrial processes subject to regulation has been extended by the Pollution Prevention and Control Regulations. These regulations apply tough new odour standards to many previously unaffected operations.

The Airshed has extensive experience of helping clients assess and effectively control odour, including;

- Expert witness on odour at public inquiries for Scottish Water, Eden Waste Recycling, Skene Group and Fife Council;
- Assessment of new urban waste-water treatment works;
- Odour minimisation study for fish meal production plant;
- Assessment of odour from poultry livestock;
- Odour quantification from existing WWTW with population equivalent of 600,000 to determine compliance with odour limits imposed through planning;
- Odour impact assessment for several new thermal oxidiser plants for animal rendering;
- Consultancy advice for sugar manufacturing plant processing 4,000 tonnes/day;
- Waste management facilities including leachate treatment plant, MRF, composting and incineration;
- Odour from food preparation, restaurants and fast foods;
- Animal feeds plant and distilleries; and
- Advanced dispersion modelling for odour.

