

Monitoring Construction Impacts

STATS Air Quality, Noise and Vibration Services for Construction Projects:

- Construction Environmental Management Plans (CEMP)
- Predictive modelling of potential construction impacts and advice on mitigation
- Pre-construction baseline monitoring
- Continuous and short-term construction impact monitoring
- Occupational health monitoring and advice
- Liaison with environmental regulators

Dust and air pollution from demolition and construction sites can affect local air quality, potentially posing a health hazard, complicating local authority air quality management and causing nuisance both within the site and in the surrounding area.

Emissions of noise and other forms of pollution from construction sites may contravene planning conditions and lead to complaints and prosecution.

A Construction Environmental Management Plan (CEMP) incorporating the adoption of considerate working practices throughout the works, is commonly adopted to minimise potential impacts, including air quality and noise.

Monitoring ambient pollutant levels before and/or during site activities can be used to:

- Demonstrate the efficacy of mitigation measures
- Reduce costs by targeting control
- Demonstrate compliance with regulatory or other standards
- Demonstrate a commitment to reduction of environmental impacts
- Reduce complaints from site staff and the public
- Reduce potential for conflict with regulators
- Facilitate the resolution of disputes

Construction sites for which monitoring is particularly likely to be beneficial include:

- Large-scale or long-term sites in sensitive areas e.g. existing residential areas
- Contaminated sites
- Sites with large scale demolition or earthworks
- Sites in sensitive areas (e.g. AQMAs)



Frisbee dust deposition gauge



Noise and vibration impact monitoring



Continuous particulates monitor

Contact: William Franklin or Toby Hill

Porterswood House, Porters Wood
St Albans, Hertfordshire AL3 6PQ

Tel: 01727 833 261

Fax: 01727 798 613

Email: info@stats.co.uk



INVESTOR IN PEOPLE



0278



251

