



Curriculum



Louise Warren
Senior Odour Engineer

+44 12 25 868869

lwarren@odournet.com

Professional Experience

10 Years
100+ Studies

Education

MPhil in Chemistry at
Swansea University

Senior Odour Engineer

Louise is an experienced odour consultant with 8 years experience in the field of environmental odour preceded by 2 years experience in environmental emissions assessment.

Louise has undertaken detailed studies in a range of industrial sectors, specialising in food manufacturing, contaminated land and odour control evaluation.

Key Areas of Expertise

- Odour impact investigation & atmospheric dispersion modelling
- Design and management of environmental consultancy projects
- Specification, evaluation, and assessment of odour control and abatement techniques
- Innovative air quality assessment techniques including monitoring of odour, bioaerosols & chemical constituents
- Environmental sampling techniques
- Odour mitigation strategies
- Delivery of training in sampling techniques, odour regulation and industrial processes
- Fugitive emissions assessment and leakage testing
- Abatement system optimisation & biofilter health surveys
- Health impact assessment

Reference Projects

- BAT assessment at a food frying facility
- Audit of odour assessment techniques at a landfill
- Investigation into biofilter performance relating to odour and bioaerosols
- Review of odour control measures at a cheese manufacturing facility
- Odour impact assessment of a site undertaking land remediation activities
- Audit of odour control units at a food manufacturing facility
- Assessment of odour control requirements at a waste facility
- Odour assessment at a fragrance manufacturer
- Assessment of odour impact risk at a proposed residential development
- Health impact assessment at a spray painting facility
- Abatement assessment of an odour control system serving a wastewater treatment works.

Key Skills

Project management	<div style="width: 100%; height: 10px; background-color: #92d050;"></div>
Odour management	<div style="width: 80%; height: 10px; background-color: #92d050;"></div>
Auditing and peer review	<div style="width: 100%; height: 10px; background-color: #92d050;"></div>
Odour dispersion modelling	<div style="width: 100%; height: 10px; background-color: #92d050;"></div>
Odour survey design and quality control	<div style="width: 100%; height: 10px; background-color: #92d050;"></div>
Environmental sampling / field assessment	<div style="width: 100%; height: 10px; background-color: #92d050;"></div>
Expert witness	<div style="width: 70%; height: 10px; background-color: #92d050;"></div>
Design & implementation of odour sampling exercises	<div style="width: 100%; height: 10px; background-color: #92d050;"></div>

Languages

English

Memberships & Publications

Member of the Royal Society of Chemistry

Understanding biofilter performance and determining emission concentrations under operational conditions; L.A. Fletcher, N. Jones, L. Warren, E.I. Stentiford; June 2014

Key Industries

Food manufacturing	<div style="width: 100%; height: 10px; background-color: #6699cc;"></div>
Solid waste & composting	<div style="width: 80%; height: 10px; background-color: #6699cc;"></div>
Odour control	<div style="width: 100%; height: 10px; background-color: #6699cc;"></div>
Contaminated land	<div style="width: 100%; height: 10px; background-color: #6699cc;"></div>
Wastewater treatment	<div style="width: 80%; height: 10px; background-color: #6699cc;"></div>
Flavours and fragrances	<div style="width: 80%; height: 10px; background-color: #6699cc;"></div>
Other sectors of industry	<div style="width: 100%; height: 10px; background-color: #6699cc;"></div>