

Portland  
energy recovery  
facility

Environmental statement  
Technical appendices



Competent experts  
involved in the preparation  
of the ES

## Competent experts involved in the preparation of the ES

### EIA coordinator, author of the ES and community and social effects and waste assessor

<b>Name</b>	Lauren Tinker
<b>Company</b>	Terence O'Rourke Ltd
<b>Job title</b>	Associate Director
<b>Academic qualifications</b>	MA (Cantab) (Geography), MSc (Environmental impact assessment, auditing and management systems)
<b>Professional memberships</b>	MIEMA (Full Member of the Institute of Environmental Management and Assessment), CEnv (Chartered Environmentalist), REIA (IEMA Registered EIA Practitioner)
<b>Expertise</b>	Over 15 years' experience in EIA coordination, lead EIA coordinator of more than 25 EIAs and lead author of more than 25 ESs, undertaken more than 30 community and social effects assessments and a number of waste assessments

### Air quality assessor and author of the air quality technical report

<b>Name</b>	Rosalind Flavell
<b>Company</b>	Fichtner Consulting Engineers Ltd
<b>Job title</b>	Senior Consultant
<b>Academic qualifications</b>	BSc (Hons) (Physical geography), MSc (Applied meteorology)
<b>Professional memberships</b>	CEnv (Chartered Environmentalist), CSci (Chartered Scientist), PIEMA (Practitioner Member of the Institute of Environmental Management and Assessment), MIAQM (Member of the Institute of Air Quality Management), MIEnvSc (Member of the Institute of Environmental Sciences)
<b>Expertise</b>	Over 12 years' experience in project management and production of air quality environmental assessments in different sectors, including over 30 ERF projects

### Archaeology and world heritage site assessor, part-author of the cultural heritage ES chapter and author of the world heritage site ES chapter

<b>Name</b>	John Trehly
<b>Company</b>	Terence O'Rourke Ltd
<b>Job title</b>	Technical Director
<b>Academic qualifications</b>	BA (Hons) (Archaeology and prehistory)
<b>Professional memberships</b>	MCI(A) (Full Member of the Chartered Institute for Archaeologists)
<b>Expertise</b>	Over 15 years' experience in EIA archaeology and heritage assessment, producing archaeology and heritage desk-based assessments, coordinating archaeology impact assessments, expert witness on heritage matters

### Built heritage assessor and part-author of the cultural heritage ES chapter

<b>Name</b>	Sarah Davenport
<b>Company</b>	Terence O'Rourke Ltd
<b>Job title</b>	Senior Environmental Manager, Heritage
<b>Academic qualifications</b>	BA (Hons) (History), MSc (Historic conservation)
<b>Professional memberships</b>	N/A
<b>Expertise</b>	Extensive experience of heritage impact assessments for EIA and a range of stand-alone heritage appraisals and statements

**Carbon balance and greenhouse gases assessor and author of the carbon balance assessment report**

<b>Name</b>	Stephen Othen
<b>Company</b>	Fichtner Consulting Engineers Ltd
<b>Job title</b>	Technical Director
<b>Academic qualifications</b>	MA (Chemical engineering), MEng (Chemical engineering)
<b>Professional memberships</b>	MIChemE (Member of the Institute of Chemical Engineers) and CEng (Chartered Engineer)
<b>Expertise</b>	Over 20 years' experience in project management, supervision and production of air quality environmental assessments and environmental permits in different sectors, including over 50 waste and biomass combustion projects, and over 10 years' experience in carbon assessments of ERF projects

**Economic impact assessor and author of the economic assessment report**

<b>Name</b>	Howard Walker
<b>Company</b>	Bridge Economics Ltd
<b>Job title</b>	Director
<b>Academic qualifications</b>	BA (Econ) (Hons) (Economic and social studies), MA (Development economics)
<b>Professional memberships</b>	Institute of Economic Development
<b>Expertise</b>	In excess of 25 years' experience as a consultant economist undertaking economic impact, economic appraisal and environmental economics assignments. Lead economist / author of the economics chapters in six ESs since establishing Bridge Economics in 2004 and several more at ERM prior to that

**Ground conditions assessor and author of the ground conditions technical reports**

<b>Name</b>	Jenny Lightfoot
<b>Company</b>	Arup
<b>Job title</b>	Associate – Geoenvironmental Specialist
<b>Academic qualifications</b>	BSc (Hons) (Geological sciences), MSc (Hydrogeology)
<b>Professional memberships</b>	CGeol (Chartered Geologist), CSci (Chartered Scientist), FGS (Fellow of the Geological Society), SiLC (Specialist in Land Condition)
<b>Expertise</b>	Over 20 years' experience addressing the challenges of complex brownfield sites, including managing contamination and geotechnical constraints for brownfield site development and progressing schemes through the planning process (EIA and discharging planning conditions). Leader of the Arup team responsible for ground investigation, contamination risk assessment and remedial strategy, regulatory approval and geotechnical design

### Health impact assessors and authors of the health impact assessment report

<b>Name</b>	Hannah Watts
<b>Company</b>	ERM
<b>Job title</b>	Consultant (Level 1)
<b>Academic qualifications</b>	BA (Hons) (Geography), MSc (Sustainability, planning and environmental policy)
<b>Professional memberships</b>	Graduate Member of IEMA, Chartered Institute of Public Relations
<b>Expertise</b>	Has experience coordinating and managing ERF projects within the UK and has supported technical teams with many planning applications. Has also supported health and equalities assessments for ESs, including transport and ERF projects

<b>Name</b>	Bronwyn Purvis
<b>Company</b>	ERM
<b>Job title</b>	Technical Director
<b>Academic qualifications</b>	LLB (Hons) (Law: UK, European and international law), MPhil Law (International environmental law), MSc (Public understanding of environmental change), PhD (Corporate governance and environmental law)
<b>Professional memberships</b>	Chartered Institute of Public Relations
<b>Expertise</b>	Over 20 years' experience and technically directs ERM's health impact assessment and equalities impact assessment work. Has been the technical lead for multiple health impact assessments in the UK for major national projects, as well as being part of an advisory team to assess potential health impacts of regional strategies

### Human health risk assessor and author of the human health risk assessment report

<b>Name</b>	Chris Hazell-Marshall
<b>Company</b>	ERM
<b>Job title</b>	Technical Director
<b>Academic qualifications</b>	BSc (Hons) (Environmental risk management), PhD (Air pollution and cardiovascular health effects)
<b>Professional memberships</b>	Member of the Institute of Air Quality Management, Member of the Institute of Environmental Sciences
<b>Expertise</b>	Twenty years' experience in the air quality field, including undertaking air quality assessments for 13 ERFs. These assessments comprised a variety of activities, including human health risk assessments

### Landscape, seascape and visual effects assessor and author of the ES chapter

<b>Name</b>	Jane Davies
<b>Company</b>	Terence O'Rourke Ltd
<b>Job title</b>	Technical Director
<b>Academic qualifications</b>	BSc (Hons) (Geography), MLA (Master of landscape architecture)
<b>Professional memberships</b>	CMLI (Chartered Member of the Landscape Institute)
<b>Expertise</b>	Over 20 years' experience in landscape and visual impact assessments for EIAs

### Off-site natural heritage assessor and part-author of the ES chapter

<b>Name</b>	Jeff Picksley
<b>Company</b>	Terence O'Rourke Ltd
<b>Job title</b>	Consultant
<b>Academic qualifications</b>	BSc (Hons) (Rural environmental studies)
<b>Professional memberships</b>	MCIEEM (Full Member of the Chartered Institute of Ecology and Environmental Management)
<b>Expertise</b>	Over 15 years' experience in undertaking habitat and protected species surveys, ecological impact assessments and Habitats Regulations Assessments

### On-site natural heritage assessor and part-author of the ES chapter

<b>Name</b>	Adam Day
<b>Company</b>	Lindsey Carrington Ecology Services Ltd
<b>Job title</b>	Senior Ecologist
<b>Academic qualifications</b>	BSc (Hons) (Environmental science), MSc (Environmental consultancy)
<b>Professional memberships</b>	ACIEEM (Associate Member of the Chartered Institute of Ecology and Environmental Management)
<b>Expertise</b>	10 years' experience as an ecologist, with eight in professional consultancy. Licensed for bats, great crested newts and barn owls. Author of ecological impact assessments, ES chapters and Habitats Regulations Assessments for a variety of projects, including multi-phase housing and renewable energy developments

### Traffic and transport assessors and authors of the transport assessment

<b>Name</b>	Ian Awcock
<b>Company</b>	Awcock Ward Partnership
<b>Job title</b>	Director
<b>Academic qualifications</b>	BSc (Hons) (Civil engineering)
<b>Professional memberships</b>	CEng (Chartered Engineer), MICE (Member of the Institution of Civil Engineers), MCIHT (Member of the Chartered Institution of Highways and Transportation), C.WEM (Chartered Water and Environmental Manager), MCIWEM (Member of the Chartered Institution of Water and Environmental Managers)
<b>Expertise</b>	Over 35 years' experience in transport, highways and flood risk assessment of development and infrastructure projects, expert witness at over 30 planning inquiries and contributor to ES chapters

<b>Name</b>	Sam Davenport
<b>Company</b>	Awcock Ward Partnership
<b>Job title</b>	Transport Planner
<b>Academic qualifications</b>	BSc (Hons) (Archaeological science), MSc (Transport and planning)
<b>Professional memberships</b>	GradCIHT (Graduate Member of the Chartered Institution of Highways and Transportation), Associate Member of the Royal Town Planning Institute
<b>Expertise</b>	Three years' experience in highways and transportation, including the preparation of numerous ES chapters on highways and access and planning application support for large urban and rural developments

### Water quality assessor and author of the water quality technical reports

<b>Name</b>	Water Quality Technical Assessment and WFD Lead
<b>Company</b>	Arup
<b>Job title</b>	Senior Environmental Consultant
<b>Academic qualifications</b>	MSc (Catchment dynamics and management)
<b>Professional memberships</b>	C.WEM (Chartered Water and Environmental Manager), CSci (Chartered Scientist), CEnv (Chartered Environmentalist), PIEMA (Practitioner Member of the Institute of Environmental Management and Assessment)
<b>Expertise</b>	A broad experience across the water environment field, including production of water chapters for EIA, flood risk assessments and larger scale catchment studies, including both flooding (strategic flood risk assessments) and to inform programmes of water quality enhancement