

Personal contact details and Professional summary	
Name	Salutation: Mr First name: Anthony (Tony) Family name: Brown Post-nominals (<i>optional</i>): Chartered Engineer, Fellow, Registered European Engineer
Address	Address Line 1: Rockingham Address Line 2: Wrexham Road Address Line 3: Holt Address Line 4: Clwyd, Wales, LL13 9YU
Contact details	Landline telephone: +353 1 829272221 Mobile phone: +353 7740763238 Email: tony.brown@mouchel.com Website (<i>optional</i>):
Qualifications	<i>Eur Ing, BSc (Eng), CEng, MIEI, FICE, SiLC</i>
Career history	1986 – 1990 Cementation Piling & Foundations Limited - Maple Cross, Herts 1990 -1992 Fugro-McClelland Limited - Warrington, Cheshire 1992 - date Parkman – Mouchel Parkman, Mouchel – Ellesmere Port/ Liverpool.
Relevant project experience	<p>Whitestown Landfill Remediation Project (Wicklow County Council) Project Director undertaking review of previous work undertaken (desk study and ground investigations undertaken by others), update of hydrogeological risk assessment (using P20 model), review of remediation options and selection of preferred remediation solution, design of remediation works and all associated tender documentation to allow selection of a suitable remediation contractor.</p> <p>Ince Central Estate, Wigan (Wigan Council) Project Manager undertaking the detailed desk top study, ground investigation, hydrogeological and human health risk assessments, options appraisal, design of remediation works and procurement of remediation contractor for a large existing housing estate. The work was undertaken under Part 2A of the EPA 1990 and is the largest DEFRA funded Part 2A scheme undertaken to date in the UK. Won the ICE NW Community Engagement Award in 2010.</p> <p>Sir John Rogerson's Quay, Dublin (Dublin Docklands Development Authority) Project Manager for one of the largest remediation schemes ever undertaken in Europe to remediate the 9ha former Dublin gasworks site. Work comprised all advice to the client in respect to the remediation works including hydrogeological quantitative risk assessment, procurement of remediation contractor, planning permission and obtaining a waste licence (including its surrender - a first in Ireland!). Won the prestigious Fleming Award for Excellence in Engineering Design in 2004.</p> <p>Limerick gasworks Remediation, Ireland (Bord Gais Eireann) Project Director (and Engineer under the IEI Conditions of Contract) for remediation at the former Limerick gasworks site. Works to date have comprised detailed ground investigations, detailed quantitative risk assessment for both human health and groundwater, comprehensive site characterisation works using</p>

sonic drilling techniques, an options appraisal (including assessment of sustainability issues) to identify the most suitable remediation technique, preparation of all contract documents and advice on the form of contract to be adopted for procurement of a remediation contractor. Tony has also evaluated all pre-qualification questionnaires received from interested contractors in connection with the OJEU procedure for selection of the remediation contractor.

Blessington Remediation Project (Roadstone Dublin Ltd)

Acted as Project Reviewer for the scheme which is the largest waste remediation scheme undertaken in Ireland with an area of over 5 hectares being remediated. Reviewed all contract documentation prepared including remediation strategies, specifications, drawings, validation reports and advised on specific contract issues such as the evaluation of tenders and finalising the outturn contract costs with the remediation contractor.

Waterford gasworks (Bord Gais Eireann)

Project Director (and Engineer under the IEI Conditions of Contract) for remediation at the former Waterford gasworks site. Works comprised detailed ground investigations, detailed quantitative risk assessment for both human health and groundwater, preparation of remediation design and procurement of contractor. Also, liaised closely with Regulators in applying for a Waste Licence and Planning Consent. Prepared the validation report at the end of the siteworks period acting as an application for surrender of the Waste Licence. The Licence was successfully surrendered after a period of groundwater monitoring to establish post remediation conditions.

Specific areas of expertise

I have over 25 years experience in the investigation and remediation of contaminated land. I have significant experience of acting as Project Manager or Project Director for several major remediation projects and have considerable experience of the UK and Irish Legislative Regimes in relation to the redevelopment of brownfield sites. I have detailed knowledge of undertaking desk top studies, ground investigation works, risk assessments for both human health, groundwater and ground gas, options appraisal and remediation design. I also regularly liaise with regulators to agree remediation strategies

I currently act as Technical Director for Mouchel's Land & Water division comprises of 44 staff. This team comprises scientists, engineers and engineering geologists specializing in the disciplines of hydrogeology and land quality

I am a registered SiLC (Specialist in Land Condition) which is awarded by CIRIA and am one of only approximately 130 such individuals to hold this accreditation. I am also a Qualified Person in accordance with the CL:AIRE Definition of Waste: Development Industry Code of practice (registered in 2011). I regularly speak at national and international conferences and have written several technical papers on brownfield regeneration.

Declaration: *I accept responsibility for the accuracy of the particulars contained in this form including my qualifications and I agree that, when submitted, its contents will be made available on the Engineers Ireland website www.engineersireland.ie*

I agree to the declaration above

