

Appendix 2.3

CONSULTANT CVS

GEORGINA DOWLING



DIRECTOR
HEAD OF ENVIRONMENTAL PLANNING & ASSESSMENT
BUILDING CONSULTANCY

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BACKGROUND AND CURRENT ROLE AT CBRE

Georgina has over 13-years' experience within the impact assessment sector and was promoted to head of CBRE's Environmental Planning & Assessment team in 2018. The majority of her team's workload involves delivering Environmental Impact Assessments and preparing Environmental Statements to secure planning consent. Since joining CBRE in 2016, and as a specialist in socio-economics, Georgina has successfully broadened the capabilities of the team to include socio-economic and health impact assessments. The key to the success of the team is their ability to provide robust and proportionate advice, evidenced by their 100% track record of screening out the need for EIA where they have advised a negative screening opinion should be issued. As an IEMA EIA Quality Mark registrant since 2016, the team have an on-going commitment to excellence in delivering and promoting best practice.

RECENT EXPERIENCE

Bramley-Moore Dock New Stadium and Goodison Park Redevelopment, Liverpool

Appointed by Everton Football Club to co-ordinate two EIAs for the new stadium development within the Liverpool Maritime Mercantile World Heritage Site (WHS) designated Bramley-Moore Dock, and for the associated redevelopment of Goodison Park. The Bramley-Moore Dock site is particularly contentious as the dock – one of the outstanding universal value features of the WHS designation – must be infilled..

New Garden Square, Birmingham

Appointed by Calthorpe Estates and U+I Group Plc to co-ordinate the EIA for this 3.84 ha commercial estate to the west of the city centre, for a new development of an office-led mixed-use scheme including a hotel.

Eastern Quarry, Ebbsfleet

Appointed to manage the EIA for a s.73 application to vary the consent of this mixed use development for up to 6,250 dwellings, up to 231,000 sqm of built floorspace for: business premises; education community and social facilities (schools, libraries, health centres etc); hotels; supporting retail and leisure facilities.

Wornington Green & Harrow Car Parks, London

Appointed by Catalyst for two projects across four sites: Managing the EIA for the final phase of the Wornington Green residential-led mixed use development in Royal Borough of Kensington and Chelsea; and; producing three EIA Screening Reports and managing the environmental technical consultants for the residential-led re-development of three TfL station car-parks within the London Borough of Harrow.

PATRICK LITTLE



PIEMA
ASSOCIATE DIRECTOR
ENVIRONMENTAL PLANNING & ASSESSMENT
BUILDING CONSULTANCY

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BACKGROUND AND CURRENT ROLE AT CBRE

Patrick joined the Environmental Planning and Assessment team at CBRE in February 2014. With three years of previous experience with two Scotland based environmental consultancy firms, Patrick has worked for a number of public and private sector clients across a variety of sectors including residential, commercial, utilities and renewables.

Patrick is experienced in providing advice on Environmental Impact Assessment (EIA) and has held project manager positions on a number of EIA projects. Patrick also has experience in the fields of water resources management, sustainability, environmental monitoring and contaminated land.

Patrick is a Practitioner Member of the Institute of Environmental Management and Assessment (PIEMA).

RECENT EXPERIENCE

Nile Street, London Borough of Hackney

Led the management and co-ordination of an EIA for the redevelopment of a disused former school site in Hackney for a new education facility, with capacity for 250 pupils, alongside 175 residential units and commercial floorspace. Responsibilities included co-ordinating the technical assessments, taking the role of lead author on the Environmental Statement and undertaking consultations with the local authority and statutory consultees.

596-608 Old Kent Road and Land at Livesey Place, London Borough of Southwark

Currently leading the management and coordination of the EIA for a residential-led mixed-use scheme including 372 residential units, 2,415 square metres of employment floorspace, 497 square metres of retail/café floorspace and 1,558 square metres of floorspace for a place of worship, provided in three buildings, of 38 stories, 24 storeys and 10 storeys respectively. Responsibilities included co-ordinating the technical assessments, taking the role of lead author on the Environmental Statement and undertaking consultations with the local authority and statutory consultees.

Erith Quarry, Erith, Borough of Bexley

Led the day-to-day management and coordination of the EIA for the redevelopment of a former quarry and landfill site in the London Borough of Bexley for 750 residential units, a three form entry primary school and complimentary commercial floorspace. Responsibilities include authoring the scoping request and coordinating the technical team.

DOMINIC FLYNN



PIEMA

SENIOR ENVIRONMENTAL CONSULTANT
ENVIRONMENTAL PLANNING & ASSESSMENT
BUILDING CONSULTANCY

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BACKGROUND AND CURRENT ROLE AT CBRE

Dominic is a Senior Environmental Consultant in the Environmental Planning and Assessment team at CBRE, based in the Manchester Office. Dominic joined the company in 2019. With seven years of previous experience with two Manchester based environmental consultancy firms, Dominic has worked on many infrastructure projects for a variety of public sector clients, including the Environment Agency, Cheshire East Council, Highways England and HS2.

Dominic is experienced in providing advice on Environmental Impact Assessment (EIA) and has held project manager positions on a number of EIA infrastructure projects. Dominic is a Practitioner Member of the Institute of Environmental Management and Assessment (PIEMA).

RECENT EXPERIENCE

M62 junction 10 -12 Smart Motorways Project (Highways England)

Led the environmental input to the design and assessment of this motorway improvement project. This involved coordinating a team of technical specialists and collaborating with the engineering design team to assess the smart motorways design and ensure minimal possible environmental impact from construction and operation of the scheme. The role also involved authoring and reviewing a number of reports and other deliverables to ensure the scheme is legally compliant from an environmental perspective.

High Speed Rail Phase 2b (HS2)

Held the role of lead author for one section of the proposed HS2 Phase 2b route EIA. This involved facilitating the delivery of the Environmental Statement (ES) for the Manchester Airport Station section of the high speed rail route. This involved coordinating the teams of technical specialists, reviewing their technical input and authoring the scheme description and general sections of the ES.

Grays Inn Road (London Borough of Camden)

Acted as the technical reviewer of the Environmental Statement on behalf of the Local Authority for this proposed urban redevelopment scheme in central London. This involved a detailed review and critique of the environmental assessment process and findings in line with relevant industry guidance and best practice to assist the Local Authority with the determination of the planning application.

A500 Dualling scheme

Held role of EIA coordinator on this road improvement scheme, with a total construction cost of £57 million. Day to day role involved coordinating large teams of technical specialists, liaising with the engineering design team, the client and project manager to ensure the assessment and design adhered to the required legislation and guidance, as well as liaising with statutory and non-statutory stakeholders and reviewing technical inputs to the EIA.



ACADEMIC QUALIFICATIONS

BSc (hons) Environmental Biology

MSc Habitat Creation and management

PROFESSIONAL QUALIFICATIONS

MCIEEM

POSITION

Principal Ecologist

Email: Philip.preston@wyg.com

Background

I am an ecologist with approximately 18 years' experience in nature conservation in both public and private sectors. I have extensive experience in ecological survey techniques and mitigation along with project and team management. My project experience encompasses major infrastructure schemes, private commercial and residential developments, on-shore wind energy, solar energy, conservation projects and major urban regeneration schemes.

Key areas of technical expertise include Habitat Regulations Assessments, water vole survey techniques and mitigation. I have extensive experience with regard to water vole ecology and mitigation and provide advice to the national ecology team within Wardell Armstrong regarding this subject. I am also experienced in conducting habitat and protected species surveys, evaluation and assessment, habitat creation, restoration and management, preparing and submitting relevant documentation for Protected Species licensing (i.e. EPSL and conservation licences). In addition to project management and technical report writing I also manage the Ecology team within the Leigh office to ensure our core team of full time ecologists and our team of casual ecologists and sub-contractors are utilized to ensure projects are delivered on time and within budget.

Previous Experience

Langsett Reservoir

I managed works associated with the preparation of a report to inform a Habitats Regulations Assessment in relation to a proposed permissive footpath and cycle route located adjacent to an SPA and SAC. This involved liaison with internal design team, colleagues within the ecology team and the client to determine whether or not the proposed project is likely to result in an impact upon the designated site. This report is to be used to inform the Local Planning Authority when undertaking their assessment of the planning application for this project.

Lathom solar farm

I managed a team of ecologists to co-ordinate a series of ecological assessments associated with a proposed solar farm development in Lathom, Lancashire. The site was located within a sensitive area known to be utilized by pink footed goose (a qualifying feature of a local SPA designated for its value to support wintering populations of this species), and consultation with Natural England and the RSPB raised concerns regarding loss of foraging habitat and fragmentation of flight pathways used by migrating wildfowl. As a result a series of wintering bird surveys were undertaken to determine the value of the site and surrounding area for pink footed geese and determine likely effect on favorable conservation value the population associated with the designated site.



Area 10 Environmental Support

I have managed all works associated with the environmental support agreement between Wardell Armstrong and Balfour Beatty Mott Macdonald for approximately 3 years. This has involved close liaison with my client contacts along with the management and provision of assessments for ecology, noise, landscape and cultural heritage. In addition I have managed all works to deliver feasibility studies and preliminary design documents for biodiversity and landscape enhancement works to be undertaken within Highways England estate in 2017-2018. Such works include the creation and enhancement of wildflower grassland areas contributing to a target of 50 Ha within the network and creation of important foraging habitat for twite.

Longstone edge quarry and mine

I managed a team of 12 ecologists to ensure relevant ecological surveys such as great crested newt, reptile, bat, wintering bird, breeding bird and National Vegetation Classification (NVC) surveys were undertaken. An Environmental Statement was produced to inform the planning application for the restoration of an existing stone quarry and the continuation of mining operations. The site was located within 5km of a number of internationally designated sites (Special protection Area (SPA) and Special Area of Conservation (SAC)) and mining operations were scheduled to extend beneath an SAC. A report to inform a Habitats Regulations Assessment was incorporated into the Environmental Statement to allow an assessment of likely significant effects upon qualifying features of the designated sites.

High Speed 2 ecology surveys, Birmingham.

I formed part of a team of ecologists to undertake baseline ecological surveys over urban and rural sections of the 1st stage of the HS2 route leading into Birmingham. This involved acting as lead surveyor for reptile, great crested newt, water vole and otter surveys within a variety of habitats. I also performed the role of great crested newt species lead while designing the survey requirements for this species prior to the survey season along with providing input into preliminary mitigation measures for known populations of great crested newts.

Bowers Marsh Nature Reserve creation, Canvey, Essex.

I designed and submitted the method statement in support of a conservation licence under section 16 of the Wildlife & Countryside Act 1981 (as amended) to capture and translocate water voles from bankside habitat along 3km stretch of watercourse scheduled to be re-profiled in relation to a flood alleviation scheme. In addition to design works, I was involved in the capture of water voles from the area of works, transport to an overwinter holding facility and the design of the receptor site in preparation for water vole release in 2012.

Rochdale Canal white-clawed crayfish enhancement works

In 2016 I worked in close partnership with the Canals and Rivers Trust to produce a feasibility study for the enhancement of a section of canal to benefit a population of white-clawed crayfish. Detailed surveys were carried out to confirm the status of white-clawed crayfish following which preliminary design documents have been produced to provide features within the canal to benefit the species.

CURRICULUM VITAE

Alan Lupton

Operations Manager Oxford Archaeology North

Date of birth 10/12/1964

Year joined firm 1995

Education/professional achievements

BA(Hons) Ancient Mediterranean Studies, Bristol 1986

MA (Distinction) Field and Analytical Techniques in Archaeology, Institute of Archaeology, University College London, 1988

PhD in Near Eastern Archaeology - The Development of socio-political complexity in north Mesopotamia / south-east Anatolia 4000-2700 B.C., Cambridge University, 1995

Member of IFA

Relevant experience/key qualifications

Project Manager on the recent major Darrington to Dishforth A1 (M) road scheme project and Assistant Project Manager on the A417/A419 Improvements project around Cirencester. These projects involved highly detailed logistical and safety planning, co-ordination of staff and specialists, and preparation of reports.

Considerable experience of field archaeology and project management from a wide variety of site types, including the management of fieldwork for the excavations at Friarsgate, Warrington, Botchergate, Carlisle, and Mitchells Brewery, Lancaster. Managed production of numerous excavation and specialist publication reports.

Employment

2003-present: Operations Manager, Oxford Archaeology North

Responsible for co-ordination of all work undertaken by OA North, including overseeing fieldwork tenders, scheduling of staff, quality control of fieldwork standards and client reports.

1997-2003: Project Manager, Oxford Archaeology North

Project manager for a wide variety of archaeological and heritage conservation management projects ranging from desk-based assessments and evaluations of development proposals, to mitigation excavation exercises and management of large-scale post-excavation projects. Responsible for all aspects of projects, including production of project designs, method statements and health and safety documentation, organising staff and equipment, management of project budgets, and liaising with clients, specialist sub-contractors, and county/museum/national archaeological authorities. Also involved in consultancy work providing advice to clients and other interested bodies on a variety of archaeological/heritage issues, particularly with regard to the role of archaeology in the planning process.

Oct 1995-Sept 1997 Oxford Archaeological Unit

Project Manager for variety of projects including Romano-British rural site at Thatcham, Berks. and a Late Bronze Age settlement at Shornecote Quarry, Glos.

Responsible for managing all aspects of the fieldwork and project budgets. Assistant Project Manager on the Swindon-Gloucester DBFO Road scheme. Responsible for co-ordinating and producing the post-excavation assessment of a large-scale multi-site project, together with writing the chapters on the Early Prehistoric and Iron Age periods. Field Director for five of the sites.

July-Sept 1995 Hacinebi Tepe, South-east Turkey

Assistant Director of excavation project conducted by Evanston University, U.S.A. at a Late Chalcolithic site on the Turkish Euphrates. Responsibility for excavation and recording of eastern and south-western areas of the site, together with training of graduate students. Undertook all aspects of post-excavation work, including writing of preliminary reports. Also worked at the site in 1992, 1993 and 1994.

May 1988- March 1991 British Rescue Archaeology

Including work as a Supervisor for Sussex Archaeological Field Unit at Hastings Brewery and Lewes Priory, East Sussex, and for Cotswold Archaeological Trust during evaluation of the Cirencester Bypass. Also worked as an Archaeological Technician for Lancashire and Cumbria Archaeological Unit during excavation of Roman urban sites in Lancaster and Ribchester, and for the DGLA, Museum of London, on a variety of urban sites ranging in date from Roman to medieval.

Jan 1987-May 1993 Near Eastern Archaeology

Including work as an Archaeological Supervisor for Cambridge University at Tell Brak, North-East Syria, University of California, San Diego, U.S.A., at Titris Hoyuk, South-East Turkey, for University of California, Berkley, U.S.A, at Nineveh, Northern Iraq, for State University New York Binghamton, U.S.A, at Abu Dhuwari, Central Iraq, for British Archaeological Expedition to Iraq, at Jemdet Nasr, Central Iraq, for the London/Bahrain Archaeological expedition at Saar, Bahrain, for Oriental Institute, Chicago, U.S.A., at Tell Binaat, Northern Syria, for Edinburgh University at Qasr Burqu', Eastern Jordan and Wadi al Qawr, U.A.E.

CURRICULUM VITAE
Helen Evans <i>Heritage Management Services Project Officer, Oxford Archaeology North</i>

Joined OA North 2015

DOB 09.10.1974

Educational/Professional Achievements

PGDip (with distinction), Conservation of the Historic Environment, University of Reading, 2015

PhD Neolithic and Bronze Age Landscapes of Cumbria, University of Sheffield, 2005

MA (with distinction) Landscape Archaeology, University of Sheffield, 1998

BA (class 2:1) Archaeology and Prehistory, University of Sheffield, 1996

Relevant Experience/ Key Qualifications

My work at OA North is based around my research skills and specialist knowledge of heritage report-writing, legislation and project development. I produce conservation management plans, buildings and historic landscape surveys and condition reports, archaeological desk-based assessments, heritage impact assessments, post-excavation analyses and publications.

My Postgraduate Diploma in Conservation of the Historic Environment has provided me with up-to-date knowledge of designation, legislative and planning policy and the production of heritage reports. I am familiar with archaeology and buildings conservation legislation and development control issues relating to designated buildings, monuments and archaeological areas.

I have wide-ranging experience of the historic environment sector. Before joining OA North in 2015, I was self employed and ran a buildings conservation business between 2005 and 2015. Between 1994 and 2006, I trained and worked as an academic and field archaeologist and was employed by various archaeological field units and the University of Sheffield Department of Archaeology alongside my academic studies.

My academic qualifications and practical experience in buildings survey and conservation have provided me with a comprehensive understanding of the archaeological record. I have extensive experience of the archaeology of urban medieval sites, post-medieval and early modern buildings and industrial remains and in-depth knowledge of architectural history and the development of buildings and archaeological landscapes.

My work in buildings conservation (predominantly undertaken within listed buildings) included consultancy advice on building repairs using traditional materials and methods, the production of condition reports and materials specifications, and negotiating with contractors, clients and curatorial bodies.

Deriving in part from my PhD, *Neolithic and Bronze Age Landscapes of Cumbria*, my particular research interests focus on prehistoric landscape archaeology, in which I have considerable experience.

I am a co-editor of the *Transactions of the Cumberland and Westmorland Antiquarian and Archaeological Society* (responsible for archaeological contributions) and I serve on the committee of the *Cumbria Vernacular Buildings Group*.

Employment

June 2015-present: Oxford Archaeology North, Heritage Management Services Project Officer. Landscape projects, buildings surveys, conservation management plans, desk-based heritage and archaeological assessments, project designs, post-excavation assessment, analysis and publications.

August 2005-June 2015: Self-employed, Jack in the Green Lime. I ran a buildings conservation business specialising in the repair of traditionally constructed buildings. Main responsibilities: project management, tendering, consultancy and report writing and practical lime work.

September-December 2005: Site Assistant, Exeter Archaeology. Excavation of a Roman and Medieval urban site at Princesshay, Exeter.

March 2004, July and September 2003 & March 2002: Co-director, University of Sheffield/National Trust. Direction and supervision of post-graduate students undertaking landscape survey and excavation of Prehistoric features on Sizergh Fell, Cumbria. Direction and supervision of volunteers excavating a Late Neolithic/ Early Bronze Age sand dune occupation site at Roanhead, Cumbria.

November 2002-January 2003: Assistant Archaeologist, National Trust North West Region Audit of historic buildings and archaeological sites.

June 2002 & August 2001: Supervisor, University of Sheffield. Direction and supervision of undergraduate students excavating a Medieval longhouse for Bradbourne Landscape Project.

January 2001, December 2000, November 1998: Project Assistant, ARCUS. Excavation of Post-Medieval and 19th century industrial sites in Sheffield.

November 2000-August 1999: Experienced Excavator, Norfolk Archaeological Unit. Supervision and excavation of Medieval urban sites in Norwich (including Norwich Library Millennium site, Cathedral Close and Norwich Castle).

Publications

2019 Dickson, A. Brown, F. & Evans, H. Crossing the divide: raw material use in the north-west of the British Isles in the late Mesolithic and Neolithic, in A. Teather, P. Topping and J. Baczkowski (eds.) *Mining and Quarrying in Neolithic Europe: A Social Perspective*, Neolithic Studies Group Seminar Papers 16, 149-162

Evans, H, 2018 An early Neolithic occupation site at Holbeck Park Avenue, Barrow-in-Furness, *Transactions of the Cumberland and Westmorland Antiquarian and Archaeological Society* 3, 18, 1-22

Brown, F, & Evans, H. 2018. Strands (or Broad Span) bloomery, Wasdale, *Transactions of the Cumberland and Westmorland Antiquarian and Archaeological Society*, 3, 18, 294-301

Evans, H, 2011 Social and Geographical Scale: Regionality and the Cumbrian stone circles. In A. Jones & G. Kirkham (eds.) *Beyond the Core: Reflections on Regionality in Prehistory*, Oxford

Evans, H, 2008 Neolithic and Bronze Age Landscapes of Cumbria. *British Archaeological Report* 463, Oxford

Evans, H, 2008 After the Axe: Ways into the upland landscapes of Cumbria. In A. Chadwick (ed.) Recent approaches to the archaeology of land allotment. *British Archaeological Report* (International Series) 1875, Oxford: 73-87

Evans, H, 2004 Where is the Cumbrian Neolithic? In V. Cummings & C. Fowler (eds.) *The Neolithic of the Irish Sea: Materiality and traditions of Practise*, Oxford

Evans, H, 2004 Who's afraid of the big bad woods? Forest wilderness in the middle ages. In A. Chadwick (ed.) *Stories from the Landscape: Archaeologies of Inhabitation*. British Archaeological Report (International Series) 1238, Oxford

Edmonds, M. & Evans, H. 2007 Made and Found: Cairns and natural mounds on Sizergh Fell. In P. Cherry (ed.) *Studies in Northern Prehistory: Essays in Memory of Clare Fell*. Cumberland and Westmorland Antiquarian and Archaeological Society Extra Series; Vol. XXXIII



Dave Drury

Director

Personal summary

Year of birth: 1971

Nationality: British

Languages:

- English (mother tongue)

Education:

- HNC Civil Engineering – John Moores University;
- Member of the Chartered Institution of Highways and Transportation.

Key skills:

Specialisation – Traffic Engineering and Project Management;

Directional signing;

Expert in Traffic Regulation Orders and Traffic / Network Management;

Excellent management, leadership and interpersonal skills;

Ability to mobilise and lead wide ranging technical delivery teams;

Financial management.

An experienced Project Manager and Director with excellent management, leadership and interpersonal skills who leads the company's Surface Transport business across Scotland and the North of England. Approximately 29 years' experience, 17 of which were working for the Local Authorities of Wirral Borough Council and Liverpool City Council. Has significant experience in traffic and transportation working in both the public and private sector. Has experience in managing transport planning projects which have covered all aspects of traffic management design through concept identification, scheme development and stakeholder engagement. Strives for continuous improvement works closely with client partners to deliver the best solution for their needs.

Experience and skills

Mott MacDonald Limited, Integrated Transport Division, Director (2017-present)

- Projects Director, Mott MacDonald Limited (2013-2017)
- Regional Director, AECOM Ltd, Liverpool (2010-2013)
- Associate Director – AECOM Ltd, Liverpool (2007-2010)
- Team Leader, Liverpool City Council, Traffic Management (2004-2007)
- Engineer and Principal Engineer, Liverpool City Council, Traffic Management (1998-2004)
- Technician, Wirral Borough Council, Traffic Management (1990-1998)

Selected projects

- **Network Management Plan, Wirral – Wirral Council:** Undertook a review/gap analysis in how the Authority was performing against those duties that had been identified in the Traffic Management Act 2004. A revised and updated Network Management Plan has been produced for the authority, with an action plan for areas of improvement.
- **Western Link, Warrington Borough Council:** Project Director for the production of an Outline Business Case for the £212m Western Link scheme to the southwest of the town centre. The scheme is complex, involving highway crossings of numerous watercourses (including Manchester Ship Canal), multiple rail crossings, negotiating major utilities and established commercial and residential areas.
- **Stadium Development, Liverpool Football Club:** Project Manager for the production of the Transport Strategy, Transport Assessment, Travel Plan and the Match Day Traffic Management Plan for the planning application associated with the increase of the existing stadium's capacity to 59,000. The project also involved the stopping up of highways, S106 and S278 works.
- **Etihad Stadium Expansion, Manchester City Football Club:** Project Manager for all the transport work associated with commissions and took the lead in the production of the Transport Assessment and Travel Plan for the planning application associated with the increase of the existing stadium's capacity to 62,500.
- **Centre Park Link, Warrington Borough Council:** Project Director for the design and assessment of several junctions with the town centre of Warrington. The aim of the project is to improve access and egress to the Centre Park area whilst reducing congestion on other major junctions within the town centre. Contra flow bus lanes were proposed as part of the scheme.
- **Birchwood Pinchpoint Scheme, Warrington Borough Council:** Project Director for the design and assessment for three junction improvements in the Birchwood area of Warrington to tackle congestion and provide a more direct bus link between the Business Park and the rail station using ANPR camera enforcement.



Kevin Blakey

Principal Transport Planner

Personal summary

Qualifications:

- Chartered member of RTPI (MRTPI)
- MCD Master of Civic Design (T&C Planning) University of Liverpool;
- BA (Hons) Geography, Anglia Ruskin university

Key skills:

- Transport assessment and travel planning
- Development control advice
- Masterplanning, feasibility studies and access strategies
- Public Transport;
- Stadium and Leisure Sector Skills
- Ability to work within multidisciplinary teams

A transport planner with 18 years' experience working in transport planning in the private and public sectors. Kevin's early career was spent working in Cambridgeshire, more recently for the last 10 years Kevin has been based in Liverpool working on projects across the Northwest. Kevin has wide experience working on large scale stadium and leisure projects from initial feasibility studies through to the planning application stages.

Experience and skills

- Principal Transport Planner, Mott MacDonald, Liverpool – (2015-present)
- Assistant Transport Planner – Atkins, Cambridge – (2002-2004)
- Principal Transport Planner, JMP Consultants, Liverpool – (2005-2015)
- Graduate Trainee – (2000- 2002)

Selected projects

- **Wigan Bolton Strategic Link Road.** Wigan and Bolton Councils commissioned Mott MacDonald to prepare a Transport Assessment in support of the Wigan Bolton Strategic Link Road: a series of 5 new road links which will connect Wigan in the west and M61 Junction 5 in Bolton to the east. Kevin was project manager for this commission for the delivery of the Transport Assessment which was required to accompany a forthcoming planning application as well as the transport chapter of the Environmental Impact Assessment. On account of the scale of the project a total of 17 standalone junction models were required to assess the impact of the development, furthermore a thorough assessment of potential impact on existing public rights of way was required.
- **Warrington Western Link Road.** Wigan Council has commissioned Mott MacDonald to provide transport planning advice on their proposed new link road connecting through West Warrington. Kevin Blakey is leading the transport planning element of this commission and is responsible for the production of the Transport Assessment.
- **Liverpool Football Club- New Training Facility.** Liverpool Football Club commissioned Mott MacDonald to provide transport advice on their new first team and Under 23 training facility in Kirkby, Knowsley. The new facility will replace the current training base at Melwood. Kevin Blakey was responsible for the Transport Assessment which accompanied the planning application for which permission was granted in 2017. The development requires the permanent closure of a key route into a nearby industrial estate. The Transport Assessment demonstrated that the new traffic generated by the development and the closure of the industrial estate road would not have a negative impact on the surrounding transport network.
- **Chester Zoo Car Park and Circulation Study 2016:** Project manager for initial feasibility and subsequent planning application for improved visitor car park. Kevin reviewed existing traffic circulation issues and developed options for improving public transport access as well as access for pedestrians and cyclists. Kevin produced the Transport Assessment and Design and Access Statement for the development.
- **Brunswick Tower:** Maro Developments commissioned Mott MacDonald to undertake a traffic study into the proposed Brunswick Tower development. The Tower consists of 550 residential dwellings on the fringes of Liverpool City Centre. Kevin Blakey was responsible for the production of the Transport Assessment and Travel Plan which accompanied the planning application.
- **Knowsley Lane.** Ion Developments commissioned Mott MacDonald to provide transport advice for a mixed use residential and industrial development near Huyton in Knowsley. The development consists of approximately 30,000m² commercial floorspace, a restaurant, drive through and petrol station along with circa 160 dwellings. Kevin prepared the Transport Assessment for this development.
- **Lydiat Lane :** Kevin was project manager for the transport assessment and travel plan in support of a residential development of 268 dwellings accessed on Lydiat Lane in Thornton, Sefton. A new priority junction and new roundabout on Lydiat Lane will provide access to the site. the design of these junctions and the impact of the development on nearby junctions was the primary focus of the transport assessment. The development was granted planning approval in October 2017.

- **Melwood Residential** : Mott MacDonald was commissioned to undertake a transport assessment for a residential development of circa 160 dwellings at the site of Liverpool Football Club's first team training ground. The club has an ambition to move first team facilities to Kirkby leaving the existing training ground open to development. The residential scheme was granted planning permission in late 2017.
- **Plaza 1881**. Mott MacDonald was commissioned by Peel holdings to undertake a Transport Assessment and Framework Travel Plan for the Plaza 1881 Development. The site is located on Liverpool's Princess Dock and forms part of the Liverpool Waters Masterplan. 105 apartments are proposed. A key part of this work was the need to take account of significant committed development in the local area and how traffic and pedestrian circulation at the proposed development would align with the overall movement strategy for the Masterplan area.
- **Winsford Industrial Estate**. Mott MacDonald is commissioned by Cheshire West and Chester Council to advise on access and master planning issues for the expansion of Winsford Industrial Estate. Kevin is project manager for this commission. A range of office, manufacturing and distribution developments are being considered.
- **Haydock Industrial Park Extension**. Mott MacDonald was commissioned by St Helens Council to develop options for the expansion of Haydock Industrial Park. Working as part of a multidisciplinary team Mott MacDonald assessed the potential level of traffic increase resulting from the expansion. The team developed a series of transport improvements which could help mitigate impact and encourage access by public transport, walking and cycling.



Nigel Mann- Noise, Air Quality & Light Technical Lead

Academic Qualifications:

B.Sc Environmental Geology
M.Sc Environmental Science

Professional Qualifications:

Member of the Institute of Acoustics (MIOA)

Associate member of the Institute of Environmental Management and Assessment (AIEMA)



Affiliate Member of the Institute of Lighting Professionals (AILP)

Number of Years Experience:

Working on Similar Activities / Facilities: 17 years

Project Role:

Nigel will oversee the Air Quality, Light and Noise Technical Inputs being put together within the team at WYG, ensuring high level technical review.

Reasons for Selection:

We have selected Nigel to be Noise, Air Quality and Lighting technical lead because:

- He is responsible for WYG's 20 strong team of Noise, Air Quality and Lighting Consultants.
- Nigel has experience completing Noise, Light and Air Quality assessments include detailed modelling using industry standard software for football stadiums, major quarries, industrial noise sources, foodstore and distribution depot schemes together with large scale urban design projects, wind farms and transportation noise.
- He has an in depth knowledge of UK noise and air quality legislation.

Relevant Project Experience:

Power Court Development, Luton

WYG completed Noise, Air Quality, Light Spill, Daylight, Sunlight and Overshadowing assessment for a proposed mixed use football stadium led development in Luton. The proposals included a 23,000 capacity football stadium on top a podium surrounded by a mixture of residential, commercial uses in the form of 7 high rise tower blocks.

Wadi Al Asla

WYG completed Noise and Odour assessments for a proposed Mixed Use Development near the city of Jiddah, Saudi Arabia. Set within a 13,290 hectare site, the aim of the proposed Wadi Al Asla development is to offer the premium entertainment, residential and golf destination in Saudi Arabia for a population of 170,000. The entire site is owned by JDURC and the Municipality of Jeddah and the aim is to develop it as an asset for the benefit of the people of Jeddah. Jeddah is the major urban centre of western Saudi Arabia, and an important commercial hub in the Kingdom.

Dewsbury Rams

An assessment was completed of noise and light from the Dewsbury Rams Rugby Stadium on a proposed residential development and new proposed practice pitches.

Daniel Clampin



Job Title:

Principal Environmental
Consultant

Academic Qualifications:

BA

Professional

Qualifications:

Associate Member of The
Institute of Air Quality
Management (IAQM)

Associate Member of the
Institute of Environmental
Sciences (IES)

Number of Years'

Experience:

6

Reasons for Selection:

- He has five years' experience in air quality monitoring, modelling and management as part of WYG's 20 strong team of Noise, Air Quality and Lighting Consultants.
- Daniel is responsible for the management of the air quality and odour team at WYG. He manages large-scale projects including public and stakeholder consultation and meetings.
- He has undertaken air quality assessments across the UK, using ADMS-ROADS, ADMS-5 and AERMOD. This software has been used to model projects for both residential and industrial schemes modelling the effects on both residential and ecologically sensitive receptors.

Project Experience:

Glasshoughton Link Road

Daniel assessed the proposed link road options and completed a detailed WebTAG assessment for Air Quality for the proposed link road adjacent to the M62. This was inclusive of a Greenhouse Gas assessment.

Bradford to Shipley Corridor

Daniel is working on the proposed new bus route from Bradford to Shipley which is within an AQMA. Daniel is completing the modelling using ADMS roads for this application.

Seacourt Park & Ride, Oxford

Daniel completed an Air Quality assessment and Environmental Statement Chapter to assess the changes in Air Quality as a result of a proposed Park & Ride in Oxford. The assessment involved a study of both the changes in traffic flows immediately surrounding the proposed development and the net benefit the scheme would have in terms of Air Quality.

Featherstone Link Road

WYG completed Air Quality and Noise assessments for two identified relief road options at the Former ROF Featherstone site, Wolverhampton for Staffordshire County Council. WYG completed noise and air quality webtag valuations for both options to identify the effects of each route. A Greenhouse Gases WebTAG assessment was also completed for changed in Carbon Dioxide emissions associated with the scheme options.

Graham Davis

Technical Lead



Job Title:

Principal Environmental
Consultant

Academic Qualifications:

BA Geography
Post Graduate Diploma in
Acoustics & Noise Control

Professional

Qualifications:

Associate Member of the
Institute of Acoustics
(AMIOA)

Number of Years'

Experience:

7

Reasons for Selection:

- He has seven years' experience in noise monitoring, modelling and management as part of WYG's 22 strong team of Noise, Air Quality and Lighting Consultants.
- Graham has been responsible for the management of large-scale projects including public and stakeholder consultation and meetings.
- He has undertaken noise assessments across the UK, using CADNA noise modelling software for a variety of projects, including for proposed waste facilities, delivery assessment as industrial units and industrial noise sources.

Project Experience:

Beddington Lane Waste Management Facility

Graham supporting and undertook a noise Environmental Impact Assessments and Environmental Permit Applications for the proposed energy from waste by pyrolysis facility. Graham was responsible for the robust and representative modelling of the waste paper facility, forklift and HGV movements around the site during both the weekday and weekend.

Cheshire East Waste Facility

Graham assisted in the assessment of a new waste transfer station and vehicle maintenance building as a Local Authorities main waste hub as part of a Discharge of Condition noise assessment. Both external and internal acoustics were assessed on the existing sensitive receptors surrounding the proposed development site.

Royal Mail Group – East Midlands & Edinburgh Airports

Graham completed assessments of personal noise exposure of airside employees with respect to the Noise at Work regulations. Assessments of airside noise levels were undertaken to determine the requirements for hearing protection.

Power Court and Newlands Park Development, Luton

WYG completed Noise and Air Quality assessments for a proposed mixed-use football stadium led development in Luton. The proposals included a 23,000-capacity football stadium on top a podium surrounded by a mixture of residential, commercial uses in the form of 7 high rise tower blocks and creation of a Leisure hub at Junction 10 of the M1. Graham undertook monitoring of aircraft noise from Luton Airport and detailed modelling of existing transportation noise sources and proposed sources of noise associated with the stadium and development-related road traffic.



Education/ Professional Qualifications

BA (Hons) in Architecture,
University of Humberside

Skills/Achievements

Advising on the development
potential of a site

Negotiating disputes

Expert Witness

Outstanding presentation skills.

Lecturer for RIBA accredited CPD
on daylight/sunlight and rights of
light.

Matthew Craske BA (Hons)

Director, Rights of Light and Daylight/Sunlight

Summary

Matthew has gained over 20 years of experience in daylight/sunlight/overshadowing and rights of light, advising local authorities, design teams, developers and adjoining owners. Matthew works on all building types and uses across the country, such as residential development, hotel, commercial, industrial projects, with project costs ranging from £10,000 domestic extensions to multi million pound

Experience

Having started out undertaking the technical assessments by hand, Matthew's appreciation of the impacts from development can be swiftly translated into advice on the best approach for a planning application. Of course, with the advent of specialist computer software, of which Matthew has helped develop, the process is more refined but the underlying principal of leaving adequate light to neighbours remains the same.

Matthew also specialises in rights of light, which is a common law matter outside of the planning process. He provides support on the legal background to the subject (working with solicitors and counsel), advises on the impacts and the best course of actions to take. Matthew advises on compensation budgets and negotiating compensation settlements by way of deeds of release.

Clients

Motcomb Estates, Almacantar, Origin Housing, Grosvenor Properties, Camden Borough Council



Education/ Professional Qualifications

University of Leeds – MEng (Hons)
Architectural Engineering

University of Lincoln – BA (Hons)
Architecture (RIBA Part 1)

Skills/Achievements

Architectural Design

Software: Autodesk Revit (BIM
Software), Autodesk AutoCAD,
Google Sketchup

Adobe Photoshop

Simon Holmes BA (Hons) MEng (Hons)

Associate Director, Rights of Light and Daylight/Sunlight

Summary

Simon is well versed in both rights of light and daylight and sunlight matters on a broad range of projects from large scale masterplans to smaller scale developments.

Experience

Advisor to a range of clients including large scale residential developers, London borough councils and commercial units.

Dealing with daylight and sunlight and rights of light issues and communications with neighbours and stakeholders affected by development.

Delivery of the client's objective.

Worked in multidisciplinary design teams with both Architects and Structural Engineers.

Extensive experience in the early design process, assisting clients with the necessary deliverables for planning and follow up matters relating to rights of light.

Clients

Berkeley Group Plc, Grosvenor, Hub Group, Origin Housing, City of London Corporation

Education/ Professional Qualifications

University College London – BSc
(Hons) Physical Geography

Skills/Achievements

Software: Autodesk AutoCAD,
Google Sketchup

Gracie Irvine BSc (Hons)

Senior Surveyor, Rights of Light and Daylight/Sunlight

Summary

Gracie is competent in both rights of light and daylight and sunlight matters on a range of projects from small scale residential extensions to large scale masterplans.

Experience

Advising a range of clients including large scale residential developers.

Dealing with daylight and sunlight and rights of light issues and communications with neighbours and stakeholders affected by development.

Interpreting the results of technical analysis and summarising the impact and the advice to clients in a report or an environmental impact assessment.

Clients

Berkeley Group Plc, Origin Housing, City of London Corporation

Curriculum Vitae: EMILY JONES



ACADEMIC QUALIFICATIONS

BSc (Hons) Landscape Design and Archaeology

Grad Dip Landscape Architecture (2001)

PROFESSIONAL QUALIFICATIONS

Chartered Member of the Landscape Institute

(CMLI, 2005)

POSITION

Associate Director

Expertise

Emily has 14 years post chartership experience and has been involved in a wide range feasibility, design and assessment projects, ranging from mixed use developments, housing, solar farms, road schemes, windfarms, and minerals and waste schemes. She is experienced in working on highly visible schemes through her assessment work carried out for windfarms, pylons and tall buildings. She works on projects from the initial site appraisal stages to inform local plans through to the masterplanning phase and impact assessment, and finally detailed design and landscape management.

Project Experience

The People's Project, Bramley Moore Dock, Liverpool

Emily has been involved with the Landscape and Visual Impact Assessment of the proposed football stadium at Bramley Moore Dock as project lead and reviewer.

Elland Town Centre Public Realm Improvements

Following on from the work for WYCA on the Elland Station Access Package, Emily is currently working on public realm improvements within the town centre of Elland. This involved working alongside in house built heritage specialists, as well as transport planners, to come up with solutions that respect the towns high quality historic heritage whilst introducing green elements throughout the town and a new vibrant setting.

Elland Station Access Package

Working alongside in-house transport planners, Emily prepared the landscape input to the Elland Station Access Package which considered access improvements between the proposed station in Elland and the town centre and surrounding areas. The access package primarily looked at pedestrian and cycling access, upgrading the existing provision and creating attractive and easily accessible routes. Proposals included the introduction of cycle lanes; wayfinding and improved signage; art installations and lighting; and the greening of routes.

Sheffield Ski Village, Environmental Impact Assessment

Emily was involved in the preparation of a Landscape and Visual Impact Assessment in 2005 in relation to proposals for the development of a highly visible ski village on the site of the existing dry ski slope in Sheffield (which has subsequently been removed). Development includes the construction of a snow dome on a steep valley side, a ski village and adventure area. A cable car route was proposed down the valley crossing to the other side of the A61 to create wider linkages to the site. Work included extensive site studies to appreciate the potential visual impact of the development and an analysis of the landscape character of the site and the surrounding area.

Glasshaughton Link Road, Wakefield

Emily has been involved in the preparation of landscape design proposals for Glasshaughton Link Road, which will run in close proximity to the M62. Although a LVIA was not required for this scheme, Emily has been involved in the preparation of outline design proposals along the road corridor, which have included the incorporation of various ecological mitigation measures. Current work underway includes the



preparation of detailed design proposals for the scheme, the preparation of the planting specification and a landscape management plan.

Horsforth Campus, Leeds

Emily was involved in the preparation of a strategic landscape masterplan for a proposed residential development within Horsforth, Leeds. The site is located within the green belt and currently contains Leeds City College Horsforth Campus. The landscape strategy takes into account the existing vegetation on the site, and the sensitive nature of the adjacent residential receptors and green belt designation.

Landscape Character and Analysis - Cherwell District Council

Emily worked within the team who undertook landscape character and constraint analysis of a number of villages within Cherwell to help inform the Council's Local Plan Part 2 (non-strategic sites and development management policies) and its partial review of Local Plan Part 1 (Oxford's unmet housing needs). Her work included detailed site work and covered the southern area of the district, including Kidlington, Yarnton, Begbroke and Kirtlington.

Saddleworth School, Oldham

Emily prepared the LVIA for a proposed school development in Diggle, Oldham. The application comprised of 4 separate planning applications combining demolition works, listed building consent, school development and highways works and the LVIA addressed all applications. The project included a number of sensitive receptors including the Peak District National Park, the Huddersfield Narrow Canal and adjacent residential properties. Various local opposition groups and support groups meant the project had to be handled sensitively and with close attention to detail. Close working relationships between the designers, ES coordinators, and archaeology specialist were established to ensure a coordinated approach to the assessment.

North West Coast Connections, Cumbria County Council

The NWCC project, extending along the whole length of Cumbria's west coast, is a Nationally Significant Infrastructure Project (NSIP) which involves the upgrade and development of the existing electricity transmission network along the coast of Cumbria. WYG Landscape, alongside other disciplines, was appointed to give technical specialist support to the Group of Local Authorities in Cumbria and Lancashire, including Cumbria County Council, in relation to the project. Emily carried out and coordinated the landscape and visual review work for the project, which included the review of National Grid's screening and scoping submissions to the LPA, and the Preliminary Environmental Information (PEI). Due to a planning performance agreement, all review work, for an area covering the length of Cumbria, had to be turned around in a tight timescale which called for adherence to a strict, accurate and methodological work process.

ROF Featherstone, South Staffordshire

Emily was involved in the preparation of a simple LVIA, in accordance with IAN 135/10 and GLVIA3, for proposed road scheme options within the Featherstone area. The route corridors for each option were surveyed from publicly accessible viewpoints and a baseline study carried out for each area. Assessment of each option was carried out which in turn lead to the preparation of WebTAG Landscape worksheets and Assessment Summary Tables (ASTs) for the scheme. The schemes each had sensitive issues to consider including close proximity to a National Trust property and an elevated road corridor over the existing railway.

Curriculum Vitae: SUZANNE STAMP



ACADEMIC QUALIFICATIONS

BSc (Hons) Landscape Design and Ecology

Grad Dip Landscape Management (2005)

PROFESSIONAL QUALIFICATIONS

Chartered Member of the Landscape Institute

(CMLI, 2008)

POSITION

Associate Landscape Architect

Expertise

Suzanne joined WYG in April 2019 and has eleven years post Chartership experience. Over her first nine months with WYG Suzanne has worked on a masterplan for a 10,000 home urban extension in the south of England, the public realm design of a public space in Oldham, and the Landscape and Visual Impact Assessment of the proposed Everton stadium at Bramley Moore Dock.

Previously Suzanne spent nine years with Pegasus Group as landscape architect specialising in landscape planning. During this time Suzanne's work ranged from site promotion and green belt appraisal to LVIA and dealing with reserved matters applications in relation to range of development types, including residential and commercial. Suzanne also developed a strong specialism in the renewable energy sector (wind and solar), in particular LVIAs for large scale wind energy development across the U.K, including Section 36 applications in Scotland.

Prior to this Suzanne worked for WYG for three years, during which time she became chartered. Suzanne's role as a Landscape Architect involved working on a wide variety of schemes including: landscape and visual impact assessment for wind farms, an energy from waste scheme, a power station, and numerous highway schemes; play area design; public realm design; and planting design.

As a Graduate Landscape Architect at RPS Planning Transport and Environment, Suzanne gained valuable experience in Landscape and Visual Impact Assessment (LVIA), primarily within the wind energy and highways sectors.

Suzanne studied a dual degree of Landscape Design and Ecology at the University of Sheffield and began her career as a Year Out Landscape Architect at RPS Planning Transport and Environment where her project experience was largely landscape planning based.

Project Experience

The People's Project, Bramley Moore Dock, Liverpool

Suzanne has been the author of the Landscape and Visual Impact Assessment in relation to the proposed new football stadium at Bramley Moore Dock.

Urban Extension, South of England

Suzanne has provided input into the landscape led masterplan for a proposed 10,000 home extension to a town in the south of England.

Public realm design, Oldham

Suzanne has provided detailed hard and soft landscape design proposals in relation to the renewal of an urban space in the Oldham district.

Goodison Park, Liverpool

Suzanne is also working on the Landscape and Visual Impact Assessment (LVIA) in relation to the outline application of a proposed mixed-use development on the site of the existing Everton football stadium in Liverpool.

Curriculum Vitae: TIM PHILLIPS



ACADEMIC QUALIFICATIONS

BSc (Hons), MSc (Dist) Geographic Information Systems, BTEC Foundation Art & Design

POSITION

Associate GIS and Visualisation

Expertise

Tim is a specialist in visualisation and photomontage, with 19 years' experience in producing 3D visuals for a wide variety of projects including residential developments, retail schemes, public realm and access improvements, schools, highways, railways, windfarms, & for public consultation events.

He uses the industry standard software 3ds Max, Civil 3D, SketchUp, ArcGIS Pro, Photoshop and PanoTools to create high quality visualisations.

Project Experience

Peel Holdings: Liverpool Waters

Regeneration of 60 hectares of historic dockland in north Liverpool including 9,000 new homes, a cultural building, and a new cruise liner terminal. Tim prepared 45 photomontages of the development to illustrate massing and to show the development within the context of the historic surroundings. These images supported the planning application and were used for on-site discussions between the project team and representatives of UNESCO.

Northern Ireland Department of Education: Strule Shared Education Campus, Omagh

Road widening and junction improvements to assist in improved traffic movement and flows associated with the delivery of the Strule Shared Education Campus. Tim prepared several visualisations for the September 2016 public exhibition.

Cherwell District and South Northamptonshire Councils: HS2

Preparation of two sets of visualisations of the proposed HS2 rail link from key viewpoints to be used by the District Councils, Parish Councils and Community groups as the basis for negotiating mitigation measures to reduce the impact of HS2 on noise, visual amenity, habitats and heritage features.

Penzance Heliport Ltd: New Penzance Heliport

Tim produced visualisations to illustrate the proposed heliport buildings and helicopter flight paths as an input into the LVIA and to address concerns raised by RSPB over the potential impact on birds at Marazion Marsh SPA.

Abertawe Bro Morgannwg University Health Board: A Regional Collaboration for Health

Visualisations of the proposed Morriston Health Campus (major acute health and science centre for south-west Wales) and of the proposed Singleton Health Campus (primary care, acute secondary care and a life science and health research centre for Swansea University).

Welsh Government: St Athan Aerospace Business Park:

Master plan for a 117,000 sqm runway-related aerospace business park. Tim produced 12 photomontage views of the proposed site and associated development to accompany the planning application.

Nick Collins BSc (Hons) MSc MRICS IHBC

Nick has over twenty years experience in the property sector, including most recently as a Director of the Conservation Team at integrated design consultants, Alan Baxter & Associates. Nick spent nine years at Historic England as Principal Inspector of Historic Buildings and Areas where he led a specialist team of historic building inspectors, architects and archaeologists on a wide range of heritage projects in East & South London.

Previously Conservation Officer at the London Borough of Bromley, Nick began his career at international real estate consultancy, Jones Lang LaSalle as a Chartered Surveyor. This experience has given Nick an in-depth understanding of the property industry, listed building and planning process, heritage policy and guidance and funding bodies.

EMPLOYMENT

Director, KMHeritage July 2014, ongoing

Director, December 2012 – July 2014

Alan Baxter & Associates, 75 Cowcross Street, London EC1M 6EL

Principal Inspector of Historic Buildings & Areas February 2004 – December 2012

Historic England, 4th Floor, Cannon Bridge House, 25 Dowgate Hill, London, EC4R 2YA

Course Lecturer MSc in Historical & Sustainable Architecture - 2010 2014

New York University in London, 6 Bedford Square, London WC1B 3RA

Conservation Officer April 2001 – February 2004

London Borough of Bromley, Civic Centre, Stockwell Close, Bromley BR1 3UH

Chartered Surveyor – September 1994 – August 2000

Jones Lang LaSalle, 30 Warwick Street, London W1B 5NH

EDUCATION AND TRAINING

University of Reading, Berkshire 1991-1994

BSc (Hons) Land Management

Oxford Brookes University 2000-2001

MSc Historic Conservation (with Distinction)

PROFESSIONAL

Member of the Royal Institution of Chartered Surveyors (RICS)

Member of the Institute of Historic Building Conservation (IHBC)

Curriculum Vitae: Caroline Martin



ACADEMIC QUALIFICATIONS

BSc (Hons) Geology

MSc: Earth & Environmental Research Technologies.

PROFESSIONAL QUALIFICATIONS

Chartered Scientist (CSci)
Fellow of the Geological Society (FGS)
CSCS Professional Qualified Person
IOSH Managing Sites Safely
Qualified Person CL:AIRE

OTHER

Scrutineer for the Geological Society

POSITION

Associate Director

Email: caroline.martin@wyg.com

Background

Associate Director and Manchester Geo-Environmental Team Leader with over sixteen years' experience of ground investigation, geo-environmental and geotechnical consultancy work. Experience includes the preparation and implementation of phase one desk studies, phase two site investigations, interpretative and factual report writing, EIA chapters (ground conditions) and validation reporting for contaminated land issues. Other reporting experience includes remediation strategies, Material Management Plans (MMPs), site completion reports and Detailed Quantitative Risk Assessments (DQRA) for controlled waters and human health using P20 and CLEA 1.06. Experience also includes liaison with the Environment Agency and Councils with respect to recommending discharge of pre-commencement and final planning conditions. Additional roles include project director / manager and cost controller.

WYG Project Experience

Cledford Lane, Middlewich, Cheshire East Framework & Wates

Scoping, design and implementation of intrusive investigative works on the site of a former chemical weapons factory. Subsequently factual and interpretative reporting, remediation strategy and DQRA were undertaken for the redevelopment of the site as a proposed waste hub. Consultation with the EA and CLO.

Hillhouse WwTW, Hurstwood Impounding Reservoir, Plymouth Road, Runcorn WwTW, Huntington WTW, Laneshaw Reservoir and Wince Brook WwTW Ground Investigations, UU Framework

Project Management and implementation of intrusive investigations under the United Utilities PRO1818 Ground Investigation Framework presently at various stages of completion at a variety of locations.

Princes Gateway, Oldham

Project manager for a number of plots of land in the centre of Oldham. Work included the production of desk top studies, design and implementation of ground investigation works on a number of plots of land for contamination and coal mining issues. Follow on reports included interpretative reports for the plots.

Hartlepool Anhydrite Mine

Project manager for the sonic surveying of a former Anhydrite Mine in Hartlepool. The results of the survey were presented in an interpretative report and submitted with recommendations for future works.

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Burnley College, Burnley

Scoping, design and implementation of intrusive investigative works. Subsequently factual and interpretative reporting, remediation strategy produced and validation reporting was undertaken for the redevelopment of the site as the proposed Construction Skills Centre. Consultation throughout the development works with the EA.

Birmingham Conservatoire

Completion of interpretative reporting and a remediation strategy combined under difficult circumstances when the ground was found to be contaminated by asbestos. A validation report will be completed in due course.

Northwich Overwater and On Land Works, Bala Lake, River Dee, Beam Bridge, Low Crosby FAS and River Clwyd Ground Investigations for EA

Implementation of intrusive site investigations under the Environment Agency Site Investigation Framework to support flood defence work. The site investigations were all adjacent to and in major river courses in Cumbria, Cheshire and North Wales, and were undertaken in conjunction with Jacobs, Atkins and Arup acting as consultants.

Rigby Road, Blackpool

Completion of a DQRA for human health for a former gas works and depot site close to the centre of Blackpool. Subsequently completed a remediation strategy to enable development of the site for houses with gardens and the specification for the subsequent remediation works.

Albion Square, Whitehaven

Scoping, design and implementation of intrusive investigative works. Subsequently factual and interpretative reporting, remediation strategy produced and supervision were undertaken for the redevelopment of the site as the proposed new Sellafield Nuclear Headquarters. Consultation throughout the process with the EA and CLO.

Numerous Health Centre Developments

Scoping, design and implementation of intrusive investigative works at numerous health centres including sites at Warrington and Kirby.

Burtonwood Repair Depot (Second Phase of Works) and Sankey Bridges, Warrington

Key responsibilities included reporting and assessment of new and historical data at two sites in Warrington under the Part IIA regime. Data sheets were produced for each property along with qualitative and quantitative assessments. Interpretative reports were produced for each site mindful of the Data Protection Act.

Numerous College Sites including Blackburn College, Rochdale College (2 campus), Winstanley College and University of Manchester (SCEAS).

Design and implementation of intrusive investigations at the above sites to support redevelopment works. Desk studies were undertaken followed by detailed site investigation works. Site investigations included various techniques including rotary drilling, cable percussion boring, trial pitting and windowless sampling. Subsequent reporting included interpretative reporting to include all aspects including gas protection and human health. Consultation was undertaken with the local authority regarding the discharge of planning conditions and as necessary validation works.

Proctor and Gamble, Trafford Park

Project management, cost control and implementation of several small scale ground investigations at the site to support its proposed expansion. Intrusive site investigation identified a number of issues at the site including soils containing asbestos. Health and Safety protocols were employed to enable the investigation works to be completed.

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Subsequent reporting included interpretative reporting with particular attention drawn to geotechnical and contamination issues.

Willington Power Station DQRA

Addition ground investigation was designed and implemented to supplement existing information. DQRA was undertaken on soils-leachate-groundwater for multiple determinands, using the P20 model.

Greenfield Remediation, Oldham

Resident Engineer for 6 months on a remediation site in Oldham with subsequent validation reporting and sign off from the Environment Agency and Oldham Council.

Employment History

Year	Company	Position
2019 to date	WYG	Associate Director
2017 to 2019	WYG	Associate
2014 to 2017	WYG	Principal Geo-Environmental Consultant
2008 - 2014	WYG	Senior Environmental Consultant
2005 - 2007	WYG	Geo-Environmental Consultant
2003 - 2005	CL Associates	Geologist



ACADEMIC QUALIFICATIONS

BSc (Hons) Geography and Geology
MSc (Hons) Environmental Modelling

Email: sara.brennan@wyg.com

PROFESSIONAL QUALIFICATIONS

Fellow of Geological Society

POSITION

Principal Environmental Consultant

Background

Principal Geo-Environmental Consultant with over ten years' experience of geo-environmental consultancy work. Experience includes the project management of Phase I and II investigations including factual and interpretative reporting. Other experience includes technical writing of remediation strategies and validation reports and completion of human health and controlled waters Detailed Quantitative Risk Assessments (DQRA). Previous site work experience includes supervision of a wide variety of sites, including management of sub-contractors and client liaison. Highly competent with liaison with the Environment Agency and Councils with respect to supporting the discharge of pre-commencement and final planning conditions.

WYG Project Experience

Saddleworth School, Saddleworth

Technical writer of the Ground Conditions chapter within an Environmental Impact Assessment.

Carruthers Street, Liverpool – Network Space Ltd

Design and project management of Phase I and II investigations for a potential commercial development in Liverpool. Design work included derivation of an exploratory hole location plan and specifying laboratory testing in-line with industry profiles from historical uses of the site in order to target specific sources. Interpretative reporting including remediation design was carried out.

Skelmersdale Town Centre Sites (HCA & West Lancashire Borough Council)

Project manager for the delivering of ground investigations and land quality assessments at three potential residential development sites in Skelmersdale. The commission involved carrying out the ground investigations (including rotary drilling to investigate for potential shallow mine workings at one site), producing conceptual site models and risk assessments for land contamination and appraising geotechnical conditions. The outputs included reports containing the results of the physical site works and assessments together with outline recommendations for future developments of the kind proposed.

Plot C, Wavertree Technology Park, Liverpool (HCA)

Provided technical support to the project manager in the delivering of this commission which included the production of a Phase 1 Desk Study and Phase II intrusive investigation of former railway sidings for the feasibility of a residential development.

Chequer Lane and Abbeystead, Skelmersdale

Provided technical input into the Phase I and Phase II reporting aspect of this project. Both sites of which were earmarked for residential development by HCA. Potential development constraints were identified through the studies carried out.



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Proctor and Gamble, Manchester

Project management of site investigation works involving the construction of warehouse buildings on site. Work involved client meetings and sub-contractor liaison to ensure completion of work within given timeframes. Interpretative reporting involved remediation design and risk assessment given identified contaminants on site.

Barrow Marina Village, Barrow Borough Council

Information review of historical reports to see if any there were any potential development constraints/remediation issues which would impact on the masterplanning and phasing of the proposed development of the site.

Clitheroe Hospital (NHS Property Services Ltd)

Project management of site investigation works at a former Hospital to be developed into residential properties. Work involved a contamination risk assessment and geotechnical assessment for the proposed development.

National Grid, UK Wide

Data review report writing involving interpretation of historical data, gap analysis and scoping additional site investigation or remediation if required. Human health DQRA performed and reported for different proposed end-uses.

Employment History

Year	Company	Position
2019 to date	WYG	Principal Consultant
2015 to 2019	WYG	Senior Environmental Consultant
2011 to 2015	URS/AECOM	Environmental Consultant
2010 - 2011	REC	Environmental Consultant
2008 - 2009	Wardell Armstrong	Technician

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Curriculum Vitae: Tom Beavis

Academic Qualifications	BSc Civil Engineering
Professional Qualifications	C.Eng. MICE
Position	Associate
E mail	tom.beavis@wyg.com



Summary of Experience

Utilising his extensive earlier experience in urban drainage and flooding, Tom now leads the Flood Studies section in the Water & Drainage group in the Leeds office involved in providing flood risk assessments and drainage strategies along with general water and drainage advice on a variety of projects together with preparing Environmental Statements relating to Flood Risk and Drainage issues. Tom is heavily involved in promoting SUDS drainage techniques into new developments in accordance with the recent requirements of the Flood & Water Management Act 2010 and emerging revised National & Local planning policies.

Tom is an experienced mature, chartered civil engineer with extensive experience of Project Management and coordination of multi-disciplinary teams associated with the feasibility and Master planning of redevelopment of Brownfield and Greenfield projects.

Project Experience

Relevant Experience includes:

Environmental Statements. Preparation of Environmental Statements and Impact Assessments including defining scoping studies and preparing the submission subsequent chapters in relation to Hydrology, Flood Risk and Drainage elements. Recent projects have included large scale residential and commercial developments, Energy from Waste projects and wind farm developments.

Flood Risk Assessments and Surface Water Management Plans. The preparation and submission of Flood Risk Assessments and Surface Water Management plans in relation to Residential, Commercial, Industrial, Leisure, Education and Hospital projects on a variety of sites in order to secure planning approval. The sites varied from simple green field Flood Zone 1 sites, to complex brownfield development sites located within Flood Zone 3. On the complex sites liaison was undertaken with the Environment Agency and Local drainage boards to resolve the many technical issues

Liverpool Waters Preparation of Flood Risk Assessment and EIA chapter to support the major redevelopment of an area of Liverpool docks. The FRA involved a review of the existing tidal flood risk and defining the required mitigation measures.

Charlestown, Salford – Preparation of Flood Risk & Drainage Assessment and associated EIA chapters for the redevelopment of a brownfield site to provide 840 new units on a site adjacent the River Irwell for which extensive hydraulic modelling was required to demonstrate to the EA that the site could be developed safely and to identify and agree with the EA the required mitigation measures.

Northern Gateway – Undertaking an initial high-level appraisal in respect to flood risk and drainage issues in association with the redevelopment of two large greenfield sites adjacent to J18 of the M62. The proposed development covered over a total of 270 ha with the majority of the development consisting of B2/B8 development. The brief required an initial appraisal of all related constraints.



CV Ross Armstrong

Senior Engineer (Flood Risk & Drainage)

Academic Qualifications:

BSc (Hons) Geography, MSc Resource & Environmental Management

Professional Qualifications:

Chartered Water & Environmental Manager (MCIWEM C.WEM), Chartered Environmentalist (CEnv)

Number of years' experience:

8 years (WYG, Jacobs, RSK)

Project Role:

Ross has experience in all aspects of flood risk from initial scoping studies and constraints planning through to detailed flood risk assessments and environmental impact assessments. He has worked on development types throughout the UK including residential, commercial, highways, rail and nuclear. Ross also has experience in drainage strategies, SuDS, water quality assessments (including HAWRAT) and environmental permit and land drainage applications. He had strong communication and coordination skills from multi-disciplinary project work, site work, liaison with consultees and roles as Assistant Project Manager.

Relevant Project Experience:

Humber 2100+

Assistant Project Manager of the Consultant team, working with the Environment Agency and Partners to coordinate an update to the 2008 flood risk management strategy for the Humber Estuary. Responsibilities included writing the Project Execution Plan, quality control, change management and progress reporting.

Wylfa Newydd DCO, Anglesey

Hydrological surveyor and lead surface water author of environmental statements for multiple sites as part of the DCO application for the Wylfa Newydd nuclear development. Ross was involved in long term collection, analysis and reporting of hydrological data, multi-disciplinary working to inform hydraulic modelling and surface water drainage and reporting of environmental impacts.

HS2 Phase 2b

Ross worked on the Environmental Overview Consultant team for the Water Resources and Flood Risk environmental statement. His role was to liaise with HS2 Ltd and other discipline leads to determine scope, set guidance for the technical teams and

critically evaluate the working environmental statement.

M6 Junctions 13-15, Stafford

Environmental permit applications to the Environment Agency and land drainage consent applications to the Sow and Penk IDB for proposed works to Creswell Viaduct. Ross produced the flood risk scope of works and coordinated additional scope, resources and programme, including flood modelling and ecology works. Ross was responsible for collating evidence for the permit and consent applications, including writing of the supporting flood risk assessment.

A9 Dualling, Scotland

Ross authored environment statements, including HAWRAT and Spillage Risk Assessments, to assess the impacts on flood risk, water quality and fluvial geomorphology. Where significant effects were identified, Ross liaised with the drainage engineers to scope SuDS options.

A62 (Huddersfield) 5 Case Business Model

A technical, environmental and economic appraisal of the sources and extent of flood risk along the A62 Leeds Road corridor, with a view to inform a flood risk alleviation scheme. Assistant Project Manager, with responsibilities for monitoring project finances and the programme, liaising with the project team and providing formal progress updates to the client.

Deeside Substation, North Wales

Author of flood risk assessment for a proposed innovation centre at Deeside Substation in the River Dee tidal floodplain. Liaison with NRW to determine mitigation.

M11 Junction 7A, Harlow

Production of flood risk assessment and environmental statement for proposed new motorway junction and link road to Harlow. Collection of additional baseline information, analysis of revised scheme, liaison with drainage engineers and update of reports to mitigate flood risk.

Crossrail, London

Review of the environmental statement and technical appendices for the OOCPA and WITI routes against the drainage design to ensure a consistent approach in compliance with the Crossrail Minimum Requirements and Code of Conduct.

CEARA SHIELDS



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BACKGROUND AND CURRENT ROLE AT CBRE

Ceara joined the Environmental Planning and Assessment team at CBRE in March 2017 having spent over four years working in a medium-sized multidisciplinary engineering consultancy based in the UK.

Ceara has worked on a range of projects from domestic residential-led mixed-use urban regeneration schemes to overseas industrial sites. She is experienced in Environmental Impact Assessment (EIA) coordination, socio-economic impact assessment (SIA), health impact assessment (HIA) and liaison with technical specialists. Her socio-economic experience includes calculating population and child yield, and assessing employment generation, additionality, housing demand and the impact on local social infrastructure including schools, healthcare facilities and open space and playspace.

Ceara is a member of the Institute of Environmental Management and Assessment (IEMA).

EXPERIENCE

Charlton Riverside, Royal Borough of Greenwich

Appointed by Rockwell Residential to coordinate the EIA process and author the resulting ES, including the socio-economic chapter, to accompany the planning application for the redevelopment of an existing industrial site, in order to commence the implementation of the Charlton Riverside Masterplan. This phase includes the demolition of existing buildings and construction of approximately 1,000 residential units, with commercial and community floorspace.

West End Green & 14-17 Paddington Green, City of Westminster

Appointed on behalf of Berkeley Group to provide the socio-economic assessment of this scheme comprising up to 652 residential units and commercial space. The scheme was consented in April 2016 but as a result of the addition of adjacent 14-17 Paddington Green has been re-assessed.

Hale Wharf, London Borough of Haringey

Appointed by Muse Developments and the Canal & River Trust to coordinate the EIA process and author the resulting ES, including the socio-economic chapter, for the demolition of existing industrial buildings and construction of around 500 residential units in blocks ranging from 4 to 20 storeys with commercial floor space, parking and retention of three commercial barges.

Fitzpatrick House, London Borough of Islington

Appointed by Tibbalds Planning and Urban Design to provide the health impact assessment of this scheme comprising the redevelopment of an existing late 80s office building private office space and ancillary retail space.

Woodside Quarry, Horsforth, Leeds

Appointed by Burford Group Limited to coordinate the EIA process and author the resulting ES, including the socio-economic chapter, to accompany a planning application for the redevelopment of a 20 hectare former stone quarry encompassed by an ancient woodland. The development included the substantial reprofiling of the topography and construction of up to 415 residential units and commercial floorspace.