



PROPOSED BOURBLES QUARRY – ENVIRONMENTAL IMPACT ASSESSMENT

Experience / competency statements for Technical Consultants

Wardell Armstong (historic environment)

Cat Peters - An archaeological researcher with over 16 years' experience in a range of archaeological techniques including excavation, landscape survey and geophysical survey and with a particular specialism in non-intrusive archaeological mitigative methods such as survey, documentary research, heritage impact assessment, and the subsequent production of client reports to support planning applications.

David Jackson - An experienced project officer with over 10 years' experience dealing with complicated archaeological projects, in both a fieldwork and managerial capacity, with an excellent track record of meeting client needs.

Re Landscape (Visuals & landscape)

Dean Blackhurst - With over 25 years' experience in landscape design and landscape planning, ReLandscape is a sole practitioner consultancy offering a first class service to private and public sector clients. Working closely with a professional team, ReLandscape simplifies project processes for clients providing: all environmental services required to support planning applications; and an efficient landscape design service, whether partial or full, through the RIBA Plan of Work.

Undertaking the majority of its work in Lancashire and Cumbria, ReLandscape has commercial experience across a broad range of sectors including leisure, education, residential, industrial, retail and renewable energy.

Envirotech (Ecology)

Andrew Gardner - BSc (Hons), MSc, MRICS, Dip NDEA

Andrew Gardner, who holds a number of academic and professional qualifications in the environmental and land management sector.

Andrew spent 4 years working as a Rural Development consultant for the European Union and United Nations in Namibia, Africa before returning to his home in South Cumbria in 2004 and founding Envirotech. Andrew is a full member of the The Royal Institute of Chartered Surveyors (Rural Practice and Environmental Faculties) and holds a number of Protected Species licenses.

Andrew Studied at Newton Rigg College, Penrith for a Higher National Diploma in Environmental Land Management before continuing his studies at the University of Hertfordshire. Following a 'Fast Track Route' he took the second and fourth year of the course before graduating with a bachelor of Science Degree in Environmental Studies (conservation and Recreational Management).

He then went on to take a Postgraduate Masters Degree in Rural Estate Management at the Royal Agricultural College, Cirencester. Andrew Holds personal survey licences for Bats, Great Crested Newts, Barn Owls and White Clawed Crayfish. Andrew has also held development licences for Badgers and Otters. Andrew also holds PTS certification with Network Rail.

CFM (Restoration & Tourism)

CFM Consultants Ltd. is a Planning and design based company providing a range of planning and design services for over 25 years, covering all aspects of development including Tourism related and waste management restoration projects.

Roy Bancroft ARICS is principle at CFM Consultants Ltd. with over 36 years' experience of planning and 46 years of construction related projects covering a wide range of areas and activities over the last 10 years, including a number of leisure enterprises, including caravan touring and static sites, tenting and glamping pods developments, holiday lodge parks, lake based leisure activities including wake parks, throughout the Fylde and Cumbria.

Bowland Tree Consultancy

Ryan Gledhill – FdSc MArborA

Ryan has 15 years of experience in arboriculture, with almost a decade spent in contracting and the most recent 6 years in the consultancy sector. In turn, from these varying roles and perspectives, he has subsequently gained extensive experience and associated knowledge of all elements of the profession.

At the core of his role with BTC, Ryan's key responsibilities include undertaking surveys and analysing and evaluating resultant data, providing advice to and developing and maintaining professional relationships with both existing and new clients, producing high quality written reports, managing and servicing the implementation of works, and managing projects from inception to completion. Ryan's current projects include a range of commercial, industrial and residential development projects for various private clients, including architects and planning consultants, and a number of large risk management surveys for several local authorities and land managers.

Joseph Lambert – BSc(Hons) FdSc MArborA MICFor

Joe has over 15 years of experience in arboriculture, with over a decade spent in contracting and the most recent 5 years in the consultancy sector. In turn, from these varying roles and perspectives, he has subsequently gained extensive experience and associated knowledge of all elements of the profession.

At the core of his role with BTC, Joe's key responsibilities include undertaking surveys and analysing and evaluating resultant data, providing advice to and developing and maintaining professional relationships with both existing and new clients, producing high quality written reports, managing and servicing the implementation of works, and managing projects from inception to completion. Joe's current projects include a range of commercial, industrial and residential development projects for various private clients, including architects and planning consultants, and a number of large risk management surveys for several local authorities and land managers.

Turner Lowe Associates (Highways & transport)

The Transport Statement that supports the Bourbles Farm Proposal has been prepared by the Principal of Turner Lowe Associates, John Lowe, Chartered Engineer, Master of Science, Member of the Institution of Civil Engineers. John has nearly 50 years of highway design and construction, and development appraisal and has worked on many quarrying and land reclamation schemes throughout the country. He has worked for local authorities, and large consulting engineering companies before establishing Turner Lowe Associates in the 1990's. In addition to working on this scheme with Greenfield Environmental Ltd and Baxter Construction, Turner Lowe Associates have been involved in many quarrying and reclamation schemes undertaken by P Casey Enviro and P.P.O'Connor Ltd. They are very familiar with the requirements of the Local Highway Authority, Lancashire County Council and the Trunk Road Authority, National Highways. Turner Lowe Associates also carry out Transportation Assessment for new development, Traffic Noise and Air Quality Assessments, Road Safety Audits, and reports on road accident liabilities for the High Court.

Hafren Water (Flood Risk & Hydrogeology)

Charlotte Hale

The FRA assessment has been prepared by Charlotte Hale, Senior Flood Risk Consultant with Hafren Water. She is a specialist in surface water assessment and flood risk assessment with 11 years' experience in environmental consultancy. She holds a Bachelor of Science degree (with Honours) in Environmental Management. She is familiar with assessment and management of surface water interactions and flood risk for developments comprising mineral extraction. Charlotte is a member of the Chartered Institution of Water and Environmental Management (MCIEWEM).

Rosie Marrant

The HIA assessment has been prepared by Rosie Marrant, Senior Hydrogeologist with Hafren Water. She has over 8 years' of experience in consultancy focused on groundwater investigation, assessment and management. She holds a Bachelor of Sciences degree in Environment Geoscience from the University of Edinburgh and a Master of Science in Hydrogeology from the University of Birmingham. Rosie is a Fellow of the Geological Society of London (FGS) and therefore is familiar with the Code of Conduct of the Geological Society.

Vibrocock Ltd (Air Quality & Noise)

Andrew Pickford BSc MSc PgDip MIOA

Andrew has undertaken responsible work in noise impact assessment and acoustics since 2006. Andrew specialises in the measurement and assessment of environmental noise for a wide range of applications within the industrial, commercial, residential, waste disposal and mineral extraction sectors. In addition to a diploma in Acoustics and Noise Control, Andrew holds the IOA Certificate of Competency in Environmental Noise Measurement, an MSc in Environmental Management and is a Member of the Institute of Acoustics.

Richard Kennedy B.Eng PgDip MIOA

Richard has been employed as a Consultant at Vibrock Limited since 2006 and has undertaken responsible work in occupational and environmental noise, dust and vibration assessments for major civil engineering projects, large manufacturing and processing industries and mineral extraction developments. In addition to a diploma in Acoustics and Noise Control, Richard is a Member of the Institute of Acoustics.

Aaron Gutteridge BSc MSc PGDip MIOA MIEnvSc

He has undertaken responsible work in noise and air quality impact assessment since 2015. Aaron has experience in carrying out occupational noise and dust exposure monitoring within the aggregates industry and also specialises in the measurement and assessment of environmental noise and dust for a wide range of mineral applications across England and Wales. In addition to a diploma in Acoustics and Noise Control, he holds an MSc in Applied Acoustics and is a full Member of the Institute of Acoustics. Aaron is also a full member of the Institute of Environmental Sciences.

Daniel Williams BSc MIQ, MIAQM, MIEXPE

Daniel has been a part of the Vibrock team since 1999. With over 20 years of experience, he has undertaken noise, air quality and vibration monitoring on a wide range of projects across the UK, specialising in the measurement and assessment of air quality and vibration for planning applications, including those requiring EIA, across the civil engineering, construction/demolition, waste disposal and mineral extraction sectors. Daniel holds membership to the Institute of Quarrying, the Institute of Air Quality Management and the Institute of Explosive Engineers.

Greenfield Enviro (Planning, Geology, Quarry Design & Working Scheme)

Simon Rees BSc MSc FGS C. Geol MIQ

He has over 35 years experience working within the mineral exploration, mineral extraction and environmental sectors of the UK quarrying industry, as both a consultant and geologist for a major UK quarrying company. He has undertaken numerous planning applications and mineral reserve assessments for both hard rock, industrial minerals and sand and gravel projects, including the design and development of numerous greenfield sites with detailed phasing and restoration schemes. Simon has undertaken many Environmental Impact Assessments over many decades for new sand and gravel proposals in support of major planning applications.

Tom Skales BSc MSc DIC FGS C. Geol

He has 30 years experience working within the UK construction, quarrying and environmental sectors, as a consultant and geotechnical engineer. He undertaken numerous projects and evaluations including for major development projects including the Arsenal Emirates Stadium, The O2, Greenwich (Millennium Dome) and Clarence Dock, Leeds, together with many quarry extraction design schemes and Geotechnical Assessment.

S J Rees B.Sc., M.Sc., C.Geol, FGS, MIQ
for Greenfield Environmental