

**APPENDIX 1.2
STATEMENT OF EXPERTISE**

Appendix 1.2: Statement on the Expertise and Qualifications of the Competent Experts Contributing to the Land North West of Bicester ES as Required by Regulation 18(5) of the 2017 EIA Regulations, as amended.

Chapter No.	Chapter Title	Expertise/Competence/Qualifications
1	Introduction	The ES has been coordinated and managed by Barton Willmore's Environmental Planning Team. The team is made up of qualified EIA Practitioners with extensive experience and relevant qualifications. Barton Willmore are registrants to the Institute of Environmental Management and Assessment EIA Quality Mark programme which involves annual assessment of Barton Willmore's EIA quality and standards.
2	EIA Methodology	
3	Site and Development	
4	Alternatives	
5	Construction Methodology and Phasing	
6	Transport and Access	The chapter has been prepared by Velocity Transport Planning. The technical work was compiled by Cecilia Thordardottir, who is a Principal Transport Planner with 11 years' experience in the field of civil engineering and transport planning, of which the most recent 6 years has been spent in pre-planning consultancy roles. Cecilia is experienced in all aspects of Transport Assessments that support planning applications and assessing the transport aspects of Environmental Impact Assessments. Mark Kirby is an Associate Director who has over 21 years' experience in transport planning and has provided an overview to the preparation of this ES chapter.
7	Air Quality	The principal author of this chapter is Nigel Mann. Nigel has 20 years of experience working in air quality and noise monitoring, modelling and assessment, 5 years of which were with local authority and 15 years in consultancy. Nigel has wide ranging experience undertaking Environmental Impact Assessments across a wide range of sectors across the UK and in the design of mitigation and emissions control schemes.
8	Noise and Vibration	This chapter has been prepared by Tetra Tech Limited who are considered to be 'competent experts' as per the requirements of the 2017 EIA Regulations, as amended. The author of this chapter has the relevant qualifications, membership with the Institute of Acoustics and extensive experience in undertaking noise and vibration assessments.
9	Landscape and Views	This chapter has been prepared by LDA Design an independent landscape and design consultancy. The assessment has been carried out by Paul Lishman, a Chartered Member of the Landscape Institute and with over 15 years of experience of undertaking landscape and visual assessments for development projects.
10	Biodiversity	The chapter has been prepared by Aspect Ecology Ltd. Aspect Ecology is a well-established consultancy highly qualified in all areas of ecological planning. The team is led by Alistair Baxter (Director) MSc, CEcol, CEnv, MCIEEM, who has over 20 years' experience in assessing the ecological effects of a variety of developments.
11	Historic Environment	The chapter has been prepared by Cotswold Archaeology. Cotswold Archaeology is a Registered Organisation with the Chartered Institute for Archaeologists (CIfA). The content was reviewed and checked by Rob Sutton (MCIfA). Rob has over 20 years of experience in undertaking impact assessments on heritage assets. Rob was the author of the recent revision to the cultural heritage section of the 'EIA Handbook' (ed Carroll, et al). He also sits on the Advisory Panel for the forthcoming publication <i>Principles of Heritage Impact Assessment</i> produced by IEMA/IHBC/CIfA.
12	Population and Human Health	Barton Willmore – as above
13	Water Resources and Flood Risk	This section of the ES has been prepared by Nick Bosanko and Lizzie Todd-Davies from Vectos and Richard Hardwick and Carlos Alcantara from Stantec.

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		<p>Nick Bosanko is an Associate Director at Vectos and leads its Flood Risk and Drainage team. The team undertake hydrological, flood risk and drainage projects. He has over 15 years’ experience working for consulting engineers predominately in the UK, but also in Australia. Nick is a chartered member of the Chartered Institute of Water and Environmental Management (CIWEM) and has focused his career on providing expertise in flood risk management, drainage, and ES chapters. Qualifications: BSc, MSc, MCIWEM C.WEM</p> <p>Lizzie is an Assistant Flood Risk Consultant within the Flood Risk and Drainage team, who joined Vectos in 2019 after working for a software company specialising in drainage design software. She has a Masters in both Physics and Environmental Science. Lizzie assists the Flood Risk and Drainage team to produce MicroDrainage models, Flood Risk Assessments, drainage strategies, ES chapters and hydraulic models. Qualifications: MPhys, MSc, GradCIWEM</p> <p>Richard Hardwick is an Associate Project Manager at Stantec and has worked for over 20 years in design and construction of major infrastructure projects. Richard has specialist experience in water management, supply and rainwater harvesting. Richard has provided the potable water (demand and supply) input to this ES Chapter. Qualifications: BSc, AMAPM</p> <p>Carlos Alcantara is a civil engineer at Stantec within the Infrastructure and Buildings team, he is experienced in the design of infrastructure and drainage for residential developments and urban regeneration schemes. Carlos has provided the wastewater drainage input to this ES Chapter. Qualifications: BSc, MSc, GradIC</p>
14	Climate Change	<p>The chapter has been prepared by Stantec UK Ltd. Stantec is a founder member of the Institute of Environmental Management and Assessment’s (IEMA) EIA Quality Mark scheme for quality in EIA. Stantec’s Environment, Energy and Infrastructure (EEI) team specialises in undertaken GHG assessments and climate resilience and adaptation assessments development projects, including land development, regeneration, energy and infrastructure projects. Each of Stantec’s EEI team have suitable academic and professional qualifications, with professional qualifications including Practitioner and Associate membership of IEMA</p>
15	Summary	Barton Willmore – as above