

**APPENDIX 1.2
EXPERTISE STATEMENT**

Appendix 1.2: Statement on the Expertise and Qualifications of the Competent Experts Contributing to Lancashire, Central 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, now Stantec'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 and Design Evolution	
5	Construction Methodology and Phasing	
6	Socio-Economics	This chapter has been prepared by Hatch and is authored by David Watson, an Associate Director with over 19 years of economic development and regeneration experience. David specialises in socio-economic impact assessments for Environmental Statements. This includes assessments of commercial, residential and mixed-use developments. David holds an MSC in Urban Regeneration and a BA in Geography.
7	Landscape and Views	This chapter has been prepared by Smeeden Foreman and is authored by Mark Smeeden and Robin Copeland. Smeeden Foreman offers a range of services including landscape design and assessment, ecology and arboriculture aspects.
8	Built Heritage	This chapter has been prepared by Waterman IE, part of the Waterman Group, who provide sustainable solutions to meet planning, engineering design and project delivery needs. The author of this chapter is Alexandra Grassam BA (Hons) MSc MCIfA who has over 19 years' experience in assessment of the historic environment.
9	Transport and Access	This chapter has been prepared by WSP, a management and consultancy service who specialise in the built and natural environment. The chapter has been authored by Jim Outterside, who has 17 years experience working on transport planning and multi-disciplined projects. Jim holds a M.Eng in Civil Engineering.
10	Noise	This chapter has been prepared by Waterman IE, part of the Waterman Group, who provide sustainable solutions to meet planning, engineering design and project delivery needs. The author of this chapter is Mark Maclagan BSc (Hons) PgDip and Member of the MIOA. Mark has been responsible for the technical delivery of a wide range of noise and vibration EIA projects for a variety of clients in both the public and private sector. These projects include consideration of noise and vibration from both transportation and industrial sources, through both monitoring and modelling, and therefore he has an in depth understanding of the regulatory requirements for these sources and the published technical guidance for their assessment.
11	Air Quality	This chapter has been prepared by Waterman IE, part of the Waterman Group, who provide sustainable solutions to meet planning, engineering design and project delivery

Chapter No.	Chapter Title	Expertise/Competence/Qualifications
		needs. This chapter has been prepared by Andrew Fowler BSc (Hons) IES and Member of the IAQM. Andrew has been responsible for the technical delivery of a wide range of air quality EIA projects for a variety of clients in both the public and private sector. These projects include consideration of emissions from both transportation and industrial sources, through both monitoring and modelling, and therefore he has an in depth understanding of the regulatory requirements for these sources and the published technical guidance for their assessment.
12	Ecology	This chapter has been prepared by Envirotech and was authored by Andrew Gardener. Envirotech provide ecological, environmental and rural surveying consultancy services. Andrew is a full member of the Royal Institute of Chartered Surveyors (Rural Practice and Environmental Faculties) and holds a number of Protected Species licenses.
13	Summary	Barton Willmore, now Stantec, see above.