

A1.1 Appendix 1.1: EIA Statement of Expertise

1.1. Overview

- 1.1.1. This appendix to the Toton West Environmental Statement sets out the relevant expertise of each of the topic author that have contributed to it.

Logo	Specialism	Statement of Competence
	Planning	The socio-economic and health chapter of the ES has been authored by Richard Cook (BA (Hons) MA), Senior Director in the economics team. Richard has more than 20 years' experience of working in economic development, with expertise which includes writing socio-economic ES chapters for residential, commercial and renewable energy schemes across the country. He is also a member of the Institute of Economic Development. The Landscape and Visual Impact Chapter has been written by a Chartered Member of the Landscape Institute (CMLI) with over 15 years' experience as a Landscape Architect, specialising in Landscape and Visual Impact Assessment (LVIA). The Cultural Heritage chapter of the ES, and Appendix 8.1 Cultural Heritage Baseline, have been prepared by a Senior Heritage Consultant within the Pegasus Group Heritage Team who holds an appropriate academic qualification (Postgraduate Diploma with Distinction in Conservation of the Historic
	Socioeconomics and Health	
	Landscape and Visual Impact	
	Cultural Heritage	
	Flood Risk and Drainage	

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		Environment). It has been reviewed by the Executive Director for Heritage for Pegasus Group, a Member of the Institute for Archaeologists and a Fellow of the Society of Antiquaries of London. As required by the 2017 EIA Directive, this Chapter has therefore been prepared and reviewed by a "competent expert" with "sufficient expertise". The Flood Risk and Drainage chapter of the ES has been written by Simon Tucker Civil Engineer, C.Eng , MSt (Cantab) , and Member of the Institution of Civil Engineers (MICE), who has over 25 years of experience in land development and who has authored Water Chapters and Flood Risk Assessments for projects of similar magnitude to the Proposed Development.
	Biodiversity	All surveys and associated reports were undertaken by FPCR ecologists, competent and experienced in that survey type, held the relevant survey licence and/or qualifications, and were Members of the Chartered Institute of Ecology and Environmental Management (CIEEM) in accordance with guidance of the professional institution, CIEEM Guidelines for Ecological Impact Assessment. FPCR are a multi-disciplinary environmental and design consultancy with over 60

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		years' experience of architecture, landscape, ecology, urban design, masterplanning and environmental impact assessment. The practice is a member of the Institute of Environmental Management and Assessment (IEMA) and is frequently called upon to provide expert evidence at Public and Local Plan Inquiries. FPCR have experience and expertise of the EIA process. All work has been overseen by Kurt Goodman MCIEEM, BSc(Hons), MSc, a Senior Director with FPCR with over 25 years' experience in ecological consultancy underpinned by sound knowledge of current practice and the policy and legal context for biodiversity
	Transport and Access	This Chapter has been prepared by ADC Infrastructure Ltd, a company competent and experienced in undertaking EIA relating to transport. ADC Infrastructure Ltd has provided transportation and highways support in relation to the Site over several years and, as such, is well placed to understand the requirements of the Proposed Development, as well as having an in-depth knowledge of the Site's locality and traffic conditions in the area. The primary author of this chapter is an Associate Director with over 30 years

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		of experience in transportation planning. The author has an HNC in Civil Engineering and is a member of the CIHT.
	Air Quality Noise and Vibration	The Air Quality chapter has been authored by Oliver Parsons (Hoare Lea), BSc (Hons), MSc, AMIEnvSc, MIAQM. Oliver is a Senior Air Quality Consultant with Hoare Lea. He is a Full Member of the Institution of Environmental Sciences and a Full Member of the Institute of Air Quality Management. He has worked on projects across multiple sectors including residential, commercial and industrial sectors. He has completed six EIA within the past two years at Hoare Lea including SSEN (film studio), The Galleries (mixed use residential) and SBQ (mixed use residential). He has experience across different aspects of the air quality assessment processes including monitoring, detailed dispersion modelling of roads, standalone air quality assessments and environmental impact assessments. The Air Quality chapter of the ES has been reviewed by Christelle Escoffier (Hoare Lea) MsEng. Msc. PhD MIES MIAQM. Christelle Escoffier is a Senior Associate and Technical Lead for air quality group with Hoare Lea. She is a Full Member of the Institution of Environmental Sciences and the Institute of

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		Air Quality Management. She graduated with a Master in Science Diploma from Paris VI University, France and holds a Doctor of Philosophy degree in Physical Oceanography, Meteorology and Environment, from the same University. In her twenty-two years of professional experience, she has managed and delivered air quality services for a wide range of industries in the United Kingdom (UK), the United States of America (USA) and the Middle East. Her portfolio of experience comprehends projects for diverse sectors from road transport, planning and development, wastewater and waste, oil and gas to power (energy centres, landfill gas plant, power reserve facilities, gas-fired and oil-fired combustion turbine stations). Christelle has in-depth knowledge of atmospheric dispersion models. She has delivered dispersion modelling training courses to government agencies, academic, industrial and commercial professionals worldwide since 2005. The Noise and Vibration Chapter of the ES has been completed by Arian McCordick at Hoare Lea. Adrian McCordick is a Principal Engineer at Hoare Lea and is a corporate Member of the Institute of Acoustics ('MIOA'). Adrian holds a BSc(Hons) in Audio Technology from the University of Salford and is

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		an examiner for the Association of Noise Consultants. Adrian has over 22 years' experience in the planning and design of residential, retail, distribution, warehouse and industrial schemes with a significant number of schemes in relation to residential unit development. Assistance has been provided by Sam Garne, a Principal Engineer at Hoare Lea and is a corporate Member of the Institute of Acoustics ('MIOA'). Sam holds a MEng(Hons) in Acoustical Engineering from the University of Southampton. Sam has previous experience of preparing EIA chapters over the last eight years; including Wigan Galleries (mixed use) and Westgate Hill (residential).
	Contaminated Land and Ground Conditions	GeoDyne Limited was established in 2001 and offer a complete service in environmental and geotechnical site investigations from initial Phase I desk study through to Phase II site investigation and finally monitoring and validation in accordance with current industry good practice, legislation and health and safety guidelines. GeoDyne's client base is extensive and includes multinational organisations, property developers, structural engineers and architects together with local authorities and public bodies. GeoDyne operates

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		from two offices based in the midlands and employs highly qualified and experienced geotechnical and geo-environmental engineers
	Soils and Agricultural Land	This chapter of the ES has been prepared by Laura Thomas, a Senior Soil and Land Consultant at Land Research Associates. Laura is a full member of the British Society of Soil Science and has over nine years of industry experience. All outputs within this Chapter are cross-checked by Dr Mile Palmer, Director of Land Research Associates with over 15 years' experience in the industry and a professional member (CSci) of the British Society of Soil Science. Laura Thomas has experience in producing detailed assessments of the impacts of a range of developments affecting soils and agriculture, including residential development, Nationally Significant Infrastructure Projects, and minerals extraction.
	Climate Change	The assessment was undertaken by Matthew Wilby (MSc [Env Consultancy], BSc [Hons], PIEMA) who is a Full Member of the Institute of Environmental Management and Assessment and Head of Sustainability with BWB. He has over 12 years of

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		experience working with EIA developments. He has been involved in the preparation of climate change chapters for numerous EIAs on a wide range of large development proposals.
	Lighting	The authors of this chapter are: • Alistair Scott BEng (Hons), CEng, MILP, MHEA; and • Daniel Spreadborough BA (Hons) MSc. Alistair and Daniel have 35 and 5.5 years of experience, respectively. Alistair has worked for both consultancies and manufacturers to gain a wide range of knowledge and expertise in lighting and mitigating its effects. Alistair has extensive experience in planning, design and delivery of large-scale projects including EIA chapters for projects located within International Dark Skies reserves. Daniel has worked in private practice since the beginning of his career, and in that time has authored the lighting inputs for several Environmental Impact Assessments. Daniel has extensive experience in assessing lighting projects, including large scale sports projects and projects

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		located within International Dark Skies reserves.