



Dean Moor Solar Farm

Environmental Statement: Appendix 1.1 – Statement of Expertise

on behalf of **FVS Dean Moor Limited**

March 2025
Prepared by: Stantec UK Ltd
PINS Ref: EN010155
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**DEAN MOOR SOLAR FARM
ENVIRONMENTAL STATEMENT
APPENDIX 1.1 – STATEMENT OF EXPERTISE
PLANNING INSPECTORATE REFERENCE EN010155
PREPARED ON BEHALF OF FVS DEAN MOOR LIMITED**

**The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations
2009, Regulation 5(2)(a)**

Project Ref:	EN010155/ES/Appendix 1.1: Statement of Expertise
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Table 1.1: Statement on the Expertise and Qualifications of the Competent Experts Contributing to the ES

Chapter No.	Chapter Title	Expertise/Competence/Qualifications
1	Introduction	The ES has been coordinated and managed by Stantec's Environmental Planning Team. The team is made up of qualified EIA Practitioners with extensive experience and relevant qualifications. Stantec are registrants to the Institute of Environmental Management and Assessment (IEMA) EIA Quality Mark programme which involves annual assessment of Stantec's EIA quality and standards.
2	EIA Methodology	
3	The Site and Proposed Development Description	
4	Alternatives and Design Evolution	
5	Construction and Decommissioning Methodology and Phasing	
6	Cultural Heritage	<p>Stantec has a dedicated Heritage team that has undertaken the Cultural Heritage chapter.</p> <p>██████████ Associate Heritage Planner</p> <p>██████████ has over 12 years post degree experience working across a range of built heritage and archaeological projects within the private sector. Harry has collaborated with masterplanning, design and development teams on numerous projects including large DCO applications adjacent to World Heritage Sites as well as other large-scale infrastructure projects such as HS2, Tideway and numerous road, rail, and energy projects. ██████████ holds a MA degree in Landscape Archaeology and a BA in Archaeology from the University of Sheffield. He is a member of the International Council on Monuments and Sites UK (ICOMOS) and the Royal Archaeological Institute (RAI), as well as being a fully accredited member of the Chartered Institute of Field Archaeologists (CIFA).</p> <p>██████████ Heritage Planning Director</p> <p>██████████ has over 12 years' experience in both the public and private sectors. Lorraine has experience of undertaking comprehensive assessments of heritage significance and impact, from both a heritage and an urban design perspective. ██████████ holds an MA from the University of Edinburgh, MSc in European Urban Conservation from the University of Dundee and an MSc in Urban Design from Anglia Ruskin University. She is a full member of the Institute of Historic Building Conservation (IHBC) and is an advisor on the Ely Diocesan Advisory Committee for the Care of Churches.</p>

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7	Landscape and Visual	<p>Stantec has a dedicated landscape team that specialises in undertaking landscape, townscape and visual impact assessments and appraisals for development schemes, including land development, regeneration, energy and infrastructure projects. The landscape team includes experienced staff, who have relevant academic and professional qualifications, including those who are a Chartered Member of the Landscape Institute (CMLI). In addition, Stantec UK Ltd is a Registered Practice of the Landscape Institute and a corporate member of Institute of Environmental Management and Assessment (IEMA). This assessment was undertaken by [REDACTED] (CMLI) who has over 17 years' experience in the landscape profession, and is supported by [REDACTED] (AMLI) who has over eight years' experience in landscape planning.</p>
8	Biodiversity	<p>This chapter has been prepared by Stantec Ecologists: Qualifications and Memberships: BSc (Hons) PhD, CIEEM, CEnv, FLS, AFHEA.</p> <p>Relevant Experience and Expertise: The author has over 27 years ecological experience gained from academic, research and employment roles, 14 of which have been as an ecological consultant. They have supported Clients across a wide range of sectors, including utilities, renewables and major infrastructure projects, and provided advice from project inception to delivery. Their experience lies in Ecological Impact assessment, HRA, species surveys, mitigation design and implementation, habitat restoration as well as statutory consultation.</p> <p>The reviewer has qualifications: BSc (Hons), MSc, CEnv, MCIEEM.</p> <p>Relevant Experience and Expertise: The reviewer /author has over 15 years of experience relating to biodiversity issues in the context of environmental impact assessment, development schemes and the land use planning system. He has worked with planners, developers, and contractors at all project stages from optioneering/feasibility, through assessment to delivery. He holds various species survey and development licences and is specialist in ornithological survey design and impact assessment, as well as undertaking HRAs for infrastructure, flood defence, aviation, and energy schemes.</p>
9	Climate Change	<p>This chapter has been prepared by [REDACTED] (Senior Environmental Planner). Reviews have been undertaken by [REDACTED] (Director).</p> <p>[REDACTED] has over 5 years' experience in climate change in EIA. Neil has undertaken a range of climate change mitigation and adaptation/resilience assessments for</p>

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		EIAs across the residential, urban regeneration, commercial, industrial and infrastructure sectors. [REDACTED] the Climate Solutions Leader for Stantec and has 18 years' experience in environmental consultancy, including EIA and climate change assessment for a range of industry sectors.
10	Ground Conditions	The principal author of this chapter is [REDACTED] a Technical Director with Stantec UK Ltd (Stantec) (BSc, MSc DIC, CSci, MEnvSc, SiLC, SQP, RSoBRA (Human Health, Controlled Waters, Vapour Intrusion, Permanent Gases), ASoBRA (Human Health, Controlled Waters)). [REDACTED] has worked in consultancy for over 30 years specialising in contaminated land assessment and brownfield redevelopment. [REDACTED] has written ES ground condition chapters for sites with a wide range of land uses and a range of proposed developments. Catherine is the technical lead on behalf of Thurrock Council for the Lower Thames Crossing DCO application.
11	Cumulative Effects and Summary	Stantec - see above.
Relevant ES Appendices		
Appendix No.	Title	Expertise/Competence/Qualifications
2.3	WFD Assessment	[REDACTED] the Director of Water Management for Stantec and a Chartered member of the Institution of Civil Engineers with over 25 years of experience in the flood risk and water management sector. He specialises in river engineering and restoration, flood risk management, Natural Flood Management, Water Framework Directive (WFD) assessments and water related permitting/consenting. He leads Stantec's River & Coastal Management Team in Reading and delivers schemes for the public and private sector to meet the objectives of the WFD and provide environmental and sustainable solutions. [REDACTED] a Senior Geomorphologist who supports the Community Development team by designing and working on river restoration, Water Framework Directives, Natural Flood Management work and GIS mapping, as well as Flood Risk Assessments, Flood Consequence Assessments and Modelling reports. She has worked with both public sector and private sector clients, on catchment wide and localised projects and has experience conducting site visits and watercourse geomorphological surveys. She also undertakes hydraulic modelling for flooding and low flow scenarios. She has 6.5 years' experience and is a non-chartered

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		member of CIWEM, working towards chartership with them.
2.4	Flood Risk Assessment	<p>BEng (Hons) Civil Engineering, University of Birmingham, Birmingham, United Kingdom, 1997</p> <p>Member, Chartered Institution of Water and Environmental Management</p> <p>██████████ is a Senior Associate in the Stantec Hydrology team and has 25 years of experience and developed a strong background in hydraulic and hydrological modelling before focussing in flood risk, providing specialist support to be overcome.</p> <p>He specialises in providing flood risk consultancy services to facilitate new development, overseeing a team which undertakes the production of Flood Risk Assessments (FRAs), surface water drainage strategies, scoping studies and associated liaison with statutory authorities. His experience covers all scales and forms of development, including residential/mixed use development (most recently a 1,450 unit hybrid scheme over a 125ha site north of Oxford for Dorchester Living and Christ Church College), infrastructure (including sewage treatment works, highways schemes and solar farms), and strategic policy documents for local authorities.</p>
2.5	Transport Statement	<p>██████████ is a Senior Associate Transport Planner at Stantec with over 19 years' experience in both the public and private sector in a range of transport planning disciplines, specialising in freight and logistics. Over the course of his career ██████████ has acquired in-depth knowledge of supply chain logistics, construction logistics and sustainable distribution (across all modes) – in particular urban road freight including last mile logistics and consolidation. He has worked on several large DCO projects in both the planning and delivery phases including Riverside Energy Park and Thames Tideway Tunnel.</p> <p>He is currently working on a number of solar and BESS projects as well as a major substation and a carbon capture facility project. ██████████ has a BSc Geography degree, he is a Chartered Member of the Institute of Logistics and Transport and an Accredited Construction Logistics Practitioner.</p>
2.6	Noise and Vibration Impact Assessment	<p>██████████ has over 13 years of acoustic consultancy experience, is a Chartered Engineer, a Member of the Institute of Acoustics and has a Masters in Acoustic Engineering. ██████████ has significant experience in undertaking environmental impact assessments and has experience in assessing noise and vibration to support DCO applications.</p>

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2.8	Agricultural Land Classification	<p>The ALC Report was prepared by [REDACTED], a Chartered Scientist (CSci), who is a Fellow (F.I. Soil Sci) of the British Society of Soil Science ('BSSS'). [REDACTED] meets the requirements of the BSSS Professional Competency Standard ('PCS') scheme 'Soil Science in Soil Handling and Restoration' (see BSSS Document 4). The BSSS PCS scheme is endorsed, amongst others, by the Department for Food and Rural Affairs (Defra), Natural England, the Science Council, and IEMA.</p>
5.2	Outline Construction Traffic Management Plan	<p>[REDACTED] is a Senior Associate Transport Planner at Stantec with over 19 years' experience in both the public and private sector in a range of transport planning disciplines, specialising in freight and logistics. Over the course of his career [REDACTED] has acquired in-depth knowledge of supply chain logistics, construction logistics and sustainable distribution (across all modes) – in particular urban road freight including last mile logistics and consolidation. He has worked on several large DCO projects in both the planning and delivery phases including Riverside Energy Park and Thames Tideway Tunnel.</p> <p>He is currently working on a number of solar and BESS projects as well as a major substation and a carbon capture facility project. [REDACTED] has a BSc Geography degree; he is a Chartered Member of the Institute of Logistics and Transport and an Accredited Construction Logistics Practitioner.</p>
5.3	Outline Soil Management Plan	<p>The OSMP was prepared by [REDACTED], a Chartered Scientist (CSci), who is a Fellow (F.I. Soil Sci) of the British Society of Soil Science ('BSSS'). [REDACTED] meets the requirements of the BSSS Professional Competency Standard ('PCS') scheme 'Soil Science in Soil Handling and Restoration' (see BSSS Document 4). The BSSS PCS scheme is endorsed, amongst others, by the Department for Food and Rural Affairs (Defra), Natural England, the Science Council, and IEMA.</p>
7.8	Arboricultural Impact Assessment	<p>[REDACTED] BA (Hons) Dip.LA, Tech Cert (Arbor A), MARborA. Arboricultural consultant with 30 years' experience in the Arboricultural Industry working as a Principal Trees and Landscape Officer for several London Planning Authorities and as a Principal and Associate Arboricultural Consultant. [REDACTED] focus over the last eight years has been within the Construction and Built Environment sectors. His strengths include working with clients to produce tree protection schemes and soft landscaping schemes and an ability to manage a high turnover of diverse projects.</p> <p>[REDACTED] most recent work specialised in the delivery of pre and post planning advice, providing Arboricultural</p>

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		Implications Reports, Tree Protection Plans as well as the production of Tree Hazard Risk Assessments and on-site Arboricultural supervision and monitoring
7.9	Glint and Glare Assessment	<p>The Glint and Glare Assessment was undertaken by Pager Power.</p> <p>Pager Power is a dedicated consultancy company based in Suffolk, UK. The company has undertaken projects in 60 countries within Europe, Africa, America, Asia, and Australasia.</p> <p>The company comprises a team of experts to provide technical expertise and guidance on a range of planning issues for large and small developments.</p> <p>Pager Power has undertaken over 1,500 Glint and Glare assessments in the UK and internationally. The studies have included assessment of civil and military aerodromes, railway infrastructure, and other ground-based receptors including roads and dwellings.</p>