



## Fair Isle Harbour Improvement Works

A.3 EIA Team

On behalf of **Shetland Isle Council (SIC)**



Project Ref: 11168 | Rev: Version 1.0 | Date: April 2023

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## Appendix 3.0 EIA Team Expertise and Qualifications

This Appendix provides information necessary to demonstrate compliance with Regulation 18(5) of the 2017 EIA Regulations, which requires:

- Developers to “ensure that the environmental statement is prepared by competent experts”; and,
- ES to be accompanied by a statement from the developer “outlining the relevant expertise or qualifications of such experts”.

The relevant expertise and qualifications of the competent experts, defined in the context of the EIA Regulations and for their contributions to the EIA, who have prepared this ES are documented through the pen profiles provided in provided in **Tables A1.1** (for individuals) and **Table A1.2** (for the organisations) below.

Table A1.1 Individual Pen Profiles

Company	Individual	Pen Profile	Role
Stantec			EIA Director
Stantec	Janet Burns	<p><u>Qualifications:</u> BSc (Hons), MSc, CEnv and FIEMA</p> <p><u>Relevant Experience and Expertise:</u> Janet is a Senior Associate at Stantec and has over 20 years of environmental consultancy experience in both the public and private sectors, having worked on major EIA developments, predominately in the UK and Ireland.</p>	EIA Project Manager
Stantec	Lynsey Fraser	<p><u>Qualifications:</u> MA (Hons), MRTPI</p> <p><u>Relevant Experience and Expertise:</u> Lynsey has over twenty years of planning experience in both the public and private sectors in Northern Ireland, England and Scotland. Having spent several years in both consultancy and client-side, preparing and managing major applications and appeals, Lynsey has covered a range of development and environmental work.</p>	Planning Policy Lead Author
Stantec	Caroline Dinnage	<p><u>Qualifications:</u> BSc (Hons), MSc, PIEMA</p> <p><u>Relevant Experience and Expertise:</u> Caroline has over 5 years' experience of preparing climate change environmental statement chapters for a variety of developments, including residential, mixed-use, energy and road infrastructure schemes. Caroline supported the development of IEMA climate change in EIA guidance for both greenhouse gas and climate resilience assessments.</p>	Climate Change Lead Author

Company	Individual	Pen Profile	Role
Stantec	Duncan McLaughlin	<u>Qualifications:</u> BSc (Hons), MSc, MCIEEM, CEnv <u>Relevant Experience and Expertise:</u> Duncan has over 18 years of experience in the field of ecological consultancy with both private and public sector clients. Duncan has extensive experience of large-scale EIA developments such as residential, as well as linear transport schemes, commercial, and power development.	Terrestrial Ecology Lead
Stantec	Andy Chester	<u>Qualifications:</u> BA(Hons), BLA, CMLI <u>Relevant Experience and Expertise:</u> Andy has over 14 years of relevant experience as a Landscape Architect, and has led landscape and visual impacts assessments for multiple highway projects, including Lower Thames Crossing, the A585 bypass, Trans-Pennine Upgrade, AEDS for Smart Motorways and the M56 J11A.	Landscape and Visual Impact Lead
Stantec	Debbie Mayes	<u>Qualifications:</u> BA (Hons), MA <u>Relevant Experience and Expertise:</u> Debbie is an Associate in Barton Willmore, now Stantec's Development Economics team and has over 20 years' experience in the public and private sector undertaking socio-economic analysis. Debbie prepares socio-economic impact assessments to accompany development proposals, evidencing the need for community infrastructure and the economic and social benefits associated with development. Debbie has prepared a large number of EIA regulated Socio-Economic chapters of Environmental Statements to accompany development proposals for strategic sized developments of residential, office, retail, leisure, logistic and mixed-use schemes.	Socio – Economic
Stantec	Nadine Fisher	<u>Qualifications:</u> BA (Hons), MSc <u>Relevant Experience and Expertise:</u> Nadine is a Senior Economist at Barton Willmore, now Stantec's Development Economics team and has almost 10 years' experience working on a variety of economic projects for both public and private sector clients.  Nadine conducts economic analysis to inform impact assessments, assess community needs, and evaluate the effects of both local and national policies on residents and industries within the UK. Her work takes into account both social and	Socio – Economic

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		<p>environmental effects of proposed developments. Nadine has created economic models to inform policy at a national level, liaising with policy institutions such as HM Treasury and has conducted research on behalf of major trade associations.</p>	
Stantec	Matthew Town	<p><u>Qualifications:</u> BA, MA, MCIfA</p> <p><u>Relevant Experience and Expertise:</u></p> <p>Matthew is a full member of the Chartered Institute for Archaeologists (MCIfA) with over 25 years' experience specialising in archaeological fieldwork management and heritage consultancy, covering a wide variety of projects and deliverables including strategic design of fieldwork investigations and mitigation, providing planning advice, undertaking consultations with Statutory Stakeholders, carrying out due diligence as well as feasibility studies, heritage risk and heritage project management.</p> <p>Matthew has significant experience working on multi-disciplinary projects and large-scale fieldwork projects acting in both client, technical expert, and contractor representative roles. He has extensive experience working on both public and private sectors projects, delivering cost effective solutions for highly complex infrastructure and development programmes.</p> <p>As a member of the Stantec Archaeological and Heritage team, he provides archaeological and built heritage services for a broad spectrum of clients involved in residential, urban regeneration, commercial, utilities, transport, defence, third sector, local authority and government funded projects.</p>	Historic Environment Lead Author

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Stantec	Emily Carroll	<p><u>Qualifications:</u> BA, MSc, Ph.D., ACIfA</p> <p><u>Relevant Experience and Expertise:</u></p> <p>Emily has an extensive background in archaeology, working in private industry, commercial, and academic contexts for the last 10 years. She has a Ph.D. in Romano-British osteoarchaeology and has worked as a freelance osteologist, specialising in burnt human remains, for the last six years where she has collaborated on multiple research projects with Historic England, Colchester Museum, and the University of Reading. She has presented her research at several international conferences and authored 14 publications, including research papers and monographs. At present, she is an Associate member of the Chartered Institute for Archaeologists (CIfA).</p> <p>As a member of the Archaeology and Heritage Team at Stantec, she conducts the archaeological input for major water, highways and infrastructure projects by planning and managing mitigation strategies to ensure the protection and preservation of the historic environment, employing ethical practices and adhering to CIfA guidelines with the intention of protecting UK archaeology and heritage assets.</p>	Historic Environment Built Heritage Author
ABPmer	Colin Trigg	<p><u>Qualifications:</u> BSc; Ph.D; CBiol</p> <p><u>Relevant Experience and Expertise:</u></p> <p>Colin is a benthic ecologist and environmental consultant with over 12 years' experience in both the public and private sectors. He has project managed and coordinated delivery on numerous work outputs to support project and plan level proposals in Wales and Scotland. His work has encompassed EIAs and HRAs for a range of NSIPs in addition to discrete habitat mapping and validation studies when he worked for NatureScot (as Scottish Natural Heritage). He is currently seconded part-time to NRW's marine licensing team</p> <p>Colin has designed, led and managed numerous marine environment studies to meet the regulatory requirements for various infrastructure proposals in Scotland. This includes recent work at Berwick Bank and ongoing projects on Skye (Kyleakin). He has been a key scientific adviser at a Public Local Inquiry in Scotland</p>	Marine Environment Project Director

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ABPmer	Anastasia Charalampopoulou	<p><u>Qualifications:</u> BSc, MSc, Ph.D., CBIol</p> <p><u>Relevant Experience and Expertise:</u> Anastasia is a marine environmental scientist and principal consultant with over 12 years' experience in research and consultancy settings. She is an experienced project manager and has managed and contributed to a wide range of marine EIAs. Anastasia has provided marine environmental consultancy and technical support to various sectors both in the UK and overseas, including ports, marine telecommunications cables, large marine infrastructure projects, power generation, oil and gas industry, and utilities. Anastasia has experience in working in large scale multi-disciplinary projects at various stages of their development. This includes baseline surveys, impact assessments, developing mitigation and management plans, design and implementation of post-construction monitoring.</p>	Marine Environment (EIA lead) Project Manager
ABPmer	Eleanor Skeate	<p><u>Qualifications:</u> BSc (Hons)</p> <p><u>Relevant Experience and Expertise:</u> Eleanor is a marine ecologist with 17 years' experience of working in ecological consultancy. During this period she has managed and carried out boat-based surveys for seabirds at sea, and has also been involved in data processing, reporting and contributing to EIAs and HRAs for a number of offshore wind farms both in relation to birds and marine mammals. She has co-authored several academic papers relating to seabirds, marine mammals, and offshore wind, and has more recently been involved in working to identify measures to compensate for the impacts of offshore wind farms on key seabird species.</p>	Marine Ecology (ornithology)
ABPmer	Elena San Martin	<p><u>Qualifications:</u> BSc (Hons), Ph.D., MCIEEM</p> <p><u>Relevant Experience and Expertise:</u> Elena is an EIA, HRA and SEA specialist with over 16 years of consultancy experience. She has project managed and contributed to numerous environmental assessments in support of licence applications for a range of marine development projects, including for ports, waterside developments, offshore renewables, marine cables and habitat creation. She specialises in the assessment of underwater noise and vibration on marine fauna and has led technical underwater noise assessments involving acoustic modelling and the development of appropriate mitigation packages for a range of marine development</p>	Marine Ecology (underwater noise)

Company	Individual	Pen Profile	Role
		<p>projects. Recent examples include Immingham Eastern Ro-Ro Terminal, Lowestoft Eastern Energy Facility and Oikos Marine and South Side Development on the Thames Estuary. She has also advised and peer reviewed a number of underwater noise assessments on behalf of UK regulators, namely Natural Resources Wales (NRW), the Marine Management Organisation (MMO) and Marine Scotland.</p>	
ABPmer	Adam Fulford	<p><u>Qualifications:</u> BSc, MSc, MIMarEST, CSci, CMarSci</p> <p><u>Relevant Experience and Expertise:</u></p> <p>Adam has more than 17 years' extensive numerical modelling experience and is a fully chartered marine scientist and active member of the Institute of Marine Engineering, Science and Technology (IMarEST). His recent projects include: Coastal Process EIA studies within the English Channel, North Sea, Severn Estuary and Bristol Channel, in support of aggregate extraction, offshore windfarm and tidal lagoon projects; Coastal Process assessments for a range of projects in Waterford (Ireland), the Isle of Man, the Severn Estuary, Dee Estuary, Cumbria and southern Liverpool Bay; Seabed mobility studies in the Outer Thames Estuary and the Irish Sea; Monitoring and management support to the discharge of marine licence conditions associated with aggregate extraction in the Severn Estuary; Assessment studies in support of maintenance dredge Marine Licence conditions within the Dee Estuary and east coast UK; 2D modelling of proposed managed realignment schemes in the western Solent and the outer Thames Estuary; Data collation and gap analysis in support of Welsh Marine Spatial Planning.</p>	Marine Environment (coastal processes lead)

Table A1.2 Organisational Pen Profiles

Company	Pen Profile	Role
Stantec	<p><u>Core Competencies:</u> Stantec is a founder member of the Institute of Environmental Management and Assessment's (IEMA) EIA Quality Mark scheme for quality in EIA. Stantec has a dedicated EIA team that specialises in leading the EIA process for development projects, including land development, regeneration, energy and infrastructure projects. Stantec typically leads 10-20 EIA projects each year. Each of Stantec's EIA team have suitable academic and professional qualifications, with professional qualifications including Principal EIA Practitioner, Practitioner and Associate membership of IEMA, member of Royal Town Planning Institute and Chartered Environmentalist.</p> <p><u>Relevant Accreditations:</u> IEMA EIA Quality Mark (renewed 2018), ISO9001 &amp; ISO14001</p>	EIA Co-ordinator, Planning, Climate Change, Ecology/Biodiversity, Landscape and Visual Impacts, Population and Human Health; archaeology and cultural heritage.
ABPmer	<p><u>Core competencies</u></p> <p>ABPmer projects are managed in accordance with their quality management system (QMS), which are both accredited to ISO 9001, for the delivery of Environmental Consultancy and Research Services and Planning Consultancy Services respectively. The QMS comprises a manual of procedures to ensure standards for company systems and capabilities, products and customer care. ABPmer have also been awarded an EIA Quality Mark by IEMA for its service excellence in the co-ordination of EIA and production of Environmental Statements.</p> <p><u>Relevant accreditations</u> Each of ABPmer's EIA team have suitable academic qualifications and a wealth of experience; ISO9001</p>	Marine environment

The Applicant is of the opinion that the information provided in **Tables A1.1** and **Table A1.2** demonstrates that this ES has been prepared by competent experts in accordance with the 2017 EIA Regulations.