

Loch Kemp Storage - EIA Report

Appendix 4.1: EIA Team

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ash



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EIA Team Table

Name and Organisation	Role	Experience	Qualifications
<p>Jennifer Skrynka</p> <p>ASH Design + Assessment Ltd.</p>	<p>EIA Project Director and Landscape and Visual Director</p>	<p>Jennifer is Managing Director with ASH and has nearly 40 years' experience working on a broad range of projects across many aspects of the landscape profession, including Landscape and Visual Impact Assessments, landscape planning and landscape design. Jennifer has been Project Director for the coordination and production of EIA Reports for several hydro, pumped storage hydro, wind farms, overhead lines and substation projects. She has prepared and presented evidence as Expert Witness at Public Inquiry, and provided evidence for Judicial Review and Appeal.</p>	<p>Chartered Member of the Landscape Institute (CMLI).</p> <p>BA Landscape Architecture.</p> <p>Post Graduate Diploma Landscape Architecture.</p>
<p>Andrew Curds</p> <p>ASH Design + Assessment Ltd.</p>	<p>EIA Project Director</p>	<p>Andrew is a Director at ASH and has over 17 years' experience leading and undertaking EIA's for energy generation, transmission and grid connection projects, predominantly in Scotland. This has involved the project management and co-ordination of technical specialists and internal teams, discussions with stakeholders, and the production of EIA Reports and Environmental Appraisal documentation.</p>	<p>BSc (Hons) Geography and Environmental Management.</p> <p>MA Environmental Impact Assessment.</p> <p>PIEMA.</p>
<p>Tatiana White</p> <p>ASH Design + Assessment Ltd</p>	<p>EIA Quality Assurance</p>	<p>Tatiana is an Associate Director at ASH and has over a decade of experience working on EIA/EA Reports, Landscape and Visual Impact Assessments and Appraisals, feasibility studies, planning applications and landscape design projects. This has involved leading projects, team co-ordination and the production of EIA/EA documentation and supporting materials for renewable energy</p>	<p>Chartered Member of the Landscape Institute.</p> <p>Associate Member of the Royal Town Planning Institute.</p> <p>Master of Landscape Architecture</p> <p>Bachelor of Urban and Regional Planning.</p>

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		developments, substations and overhead transmission lines.	
Rebecca Rae ASH Design + Assessment Ltd.	EIA Project Manager	Rebecca has over 5 years' experience undertaking EIA's for a wide range of projects in the energy and transmission sectors, predominantly in Scotland. This has involved co-ordination of specialist consultants, undertaking discussions with statutory and non-statutory consultees on the scope and methodology of surveys, and production and review of chapters.	MSc Biodiversity Conservation and Management. BSc (Hons) Conservation Biology.
Sarah Kjellman ASH Design + Assessment Ltd	Landscape and Visual Consultant	Sarah has over 4 years' experience providing landscape and visual support for a range of projects within the energy and transmission sectors, including wind farms, hydro pumped storage, overhead line projects and substations. Sarah's work has covered feasibility and optioneering stages as well as scoping, Landscape and Visual Impact Assessments and detailed design. She has provided graphic for feasibility, scoping and EIA reports as well as for banners and boards at public exhibitions.	MA (Hons) Geography, MLA Landscape Architecture. Associate Member of the Landscape Institute
Tom Clegg Fichtner Consulting Engineering Limited	Engineering Project Manager	Tom has 13 years experience in the development and execution of Hydropower projects in the UK. Initially involved in the resource quantification of hydropower schemes at the concept stage of projects. Then moving to a turbine manufacturer for 7 years responsible for design, installation and commissioning of hydroelectric turbine systems. Since joining Fichtner five years ago, responsibilities have included project	MEng (Hons) Mechanical Engineering with Renewable Energy Chartered Engineer (CEng) Member of the Institution of Mechanical Engineers (IMechE)

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		managing engineering technical support to the developers of new build pumped storage projects in the UK.	
<p>Bernhard Stabel</p> <p>Fichtner GmbH & Co KG, Germany</p>	<p>Engineering Project Director</p>	<p>Bernhard has more than 30 years' experience in hydropower & dams in all phases of project implementation. He technically specialized in geotechnical, dam and rock engineering. His experience includes studies, tender and construction design and supervision of several hydropower, dam and pumped storage schemes constructed in Chile, Germany, India, Iran, Jordan, Luxemburg, Nepal, Peru, Swaziland. Since 2022 he is Principal Hydro & Water with Fichtner GmbH & Co KG. Before he was Executive Director for Hydropower and Water Resources with Tractebel Germany, who acquired Lahmeyer International in 2015, where he joined in 1991.</p>	<p>Dipl.-Ing. (equivalent to MSc), Civil Engineering, specializing in Soil and Rock Mechanics, Foundation Engineering, Karlsruhe Institute of Technology (former Universität Karlsruhe TH), 1991</p> <p>MBA, University of Edinburgh (Scotland), Heriot-Watt Business School, 2001</p> <p>Member of the Technical Committee of DTK, the German Branch of ICOLD - International Commission on Large Dams</p> <p>Member of German Society for Geotechnics (DGGT)</p> <p>International Society for Rock Mechanics (ISRM)</p>
<p>Peter Ede</p> <p>Mott MacDonald</p>	<p>Hydrological Modelling / Water Management Lead</p>	<p>Peter is a Technical Director for Hydrology for Mott MacDonald, having joined the then Sir M MacDonald & Partners in 1985. He has nearly 40 years' experience in hydrology throughout the UK and in nearly 30 countries worldwide.</p> <p>Peter has worked extensively on rainfall-runoff modelling and water resources modelling studies for most of the big UK water companies (including Scottish Water and its predecessor organisations). He has also worked extensively on Environment Agency projects, and on many hydropower schemes for various companies.</p> <p>Peter was elected President of the British Hydrological Society (2017-19)</p>	<p>BSc (Hons) Civil Engineering, University of Birmingham (1980)</p> <p>Chartered Engineer (C Eng)</p> <p>Chartered Water and Environmental Manager (C.WEM)</p> <p>Fellow of the Chartered Institution of Water and Environmental Management (FCIWEM)</p>

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Adrian French SLR Consulting	Planning Lead	<p>Adrian is SLR's Planning and EIA lead for the UK Power sector.</p> <p>Adrian has over 34 years' experience consenting large and complex energy and infrastructure projects as a development manager and policy officer in local government; as a planning consultant; and as a developer in the energy industry.</p> <p>He has significant experience in leading multi-discipline teams (including internal and external specialist consultants) on projects requiring environmental impact assessments and multiple consents and permits.</p>	<p>MSc Urban Planning, Oxford Brookes University (1994)</p> <p>DipTP Town Planning, Oxford Polytechnic (1991)</p> <p>BA (Hons) Combined Studies, Worcester University (1987)</p> <p>Adrian is a Chartered Town Planner, Chartered Waste Manager, Chartered Environmentalist and Fellow of the Institute of Quarrying.</p> <p>He is also a member of National Infrastructure Planning Association and the Energy Managers Association. He also sits on the Scottish Renewables Planning Policy Working Group and the Social Value Working Group at the Environmental Services Association.</p>
Michael Fenny SLR Consulting	Planning Lead	<p>Michael has over 15 years' experience in provision of specialist planning advice in relation to renewable energy developments, including inputs into EIA Reports.</p>	<p>MA (Hons) Geography, First Class, University of St Andrews.</p> <p>MSc (with Distinction), Urban and Regional Planning, Heriot Watt University.</p> <p>Member of the Royal Town Planning Institute (MRTPI)</p>
Duncan Watson SLR Consulting	Terrestrial Ecology Lead	<p>Duncan is a Technical Director with SLR, with over 25 years' professional experience, much of which relates to projects in the renewable energy sector. Duncan has a particular interest in Ecological Impact Assessment and Habitats Regulations Assessment and was a member of the technical review group responsible for revising and updating the Chartered Institute of Ecology and Environmental Management (CIEEM) Guidelines for Ecological Impact Assessment in the UK (published in 2018 and recently updated). He has also led CIEEM workshops on Ecological Impact Assessment and Habitats Regulations Assessment.</p>	<p>Bsc: Environmental Science (University of East Anglia)</p> <p>Msc: Conservation (University College London)</p> <p>Chartered Environmentalist (CEnv)</p> <p>Full Member of CIEEM</p>

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Hazel Douglas née Stanworth SLR Consulting	Terrestrial Ecology Lead	Hazel is an Associate Ecologist at SLR, with over nine years' experience within ecological consultancy, and is a competent and experienced terrestrial ecologist, who specialises in Ecological Impact Assessment. Hazel has completed a number of HRA assessments within the UK and Republic of Ireland.	MBiolSci (First Class Master's Degree in Biology, The University of Sheffield). Full Member of CIEEM.
Warren McClelland SLR Consulting	Eco-hydrological Lead	Warren has 18 years' experience conducting biodiversity surveys for ESIA's in the renewable energy, oil & gas, mining and infrastructure sectors, including ecological flow requirements for hydropower projects. Experience in 20 African countries, Middle East and Western Asia. Significant experience with conducting assessments and reporting according to lender performance standards, particularly IFC standards	N.Dipl. Nature Conservation (Cape Peninsula University of Technology, 1993). Registered Professional Natural Scientist (Pr.Sci.Nat Reg No. 3973) with the South African Council for Natural Scientific Professions.
Helen Chance Orrin Ecology	Field Ecologist	Helen is a Member of the Chartered Institute for Ecology and Environmental Management (CIEEM). Based in the Highlands, with over 14 years of ecology consultancy experience, Helen is proficient in undertaking a range of habitat, protected species and bird surveys and Ecological Impact Assessments across a range of developments including renewable energy projects, infrastructure, transport and residential.	BSc (Hons) Zoology, MCIEEM
Adam Fraser Blairbeg Consulting	Field Ecologist and Ornithologist	Adam is a Member of the Chartered Institute for Ecology and Environmental Management (CIEEM). He is a highly experienced ecological surveyor who is proficient in undertaking a wide range of bird, habitat and mammal surveys and Ecological Impact Assessments.	BSc (Hons) Ecology, MSc Wildlife Conservation and Management, CIEEM.

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Andy Acton	Terrestrial Lichen Specialist	<p>Andy is an ecologist and lichenologist with over 20 years' experience of ecological survey and monitoring work with governmental and non-governmental organisations (NGOs), developers and consultancies. Work includes survey and monitoring of designated sites and EIAs for developments. Publications include numerous technical vegetation survey reports, numerous lichen survey reports and several lichen identification guides.</p> <p>Former positions include Scientific Officer with The Macaulay Land Use Research Institute (MLURI), Institute of Terrestrial Ecology (ITE) and Centre for Ecology and Hydrology (CEH). Andy is a former trustee and council member of the British Lichen Society (BLS) Council, member of the BLS Conservation Committee and runs lichen workshops for agency staff, land managers, NGOs, and community groups.</p>	BA Hons. (Oxon.)
Nick Hodgetts	Bryophyte Specialist	<p>Nick is a self-employed botanical consultant specialising in bryophytes, with over 40 years' professional experience. Work has included NVC surveys, specialist bryophyte and lichen surveys, Site Condition Monitoring, lecturing on bryophyte courses, running the GB Threatened Bryophyte Database and writing contributions to <i>Atlas of British & Irish Bryophytes and Mosses and liverworts of Britain and Ireland. A Field Guide</i>. Discovered the mosses <i>Schistidium flexipile</i> and <i>S. maritimum</i> subsp. <i>piliferum</i> new to Britain and several species of bryophyte new to Ireland. Contributed to the new Atlas of British and Irish Bryophytes (published 2014). Lead author of IUCN</p>	<p>B.Sc. Botany, 2:2 (Hons.), University of London.</p> <p>M.Sc. Plant Taxonomy, University of Reading.</p>

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		European Red List of bryophytes (2019)	
John Douglas	Freshwater Lichen Specialist	John has worked for 20 years as a freelance lichenologist, including many freshwater lichen surveys. John also leads training sessions for SEPA and EA regarding River Jelly Lichen survey methods.	BSc Hons Environmental Science 2:2. Anglia Polytechnic University (Cambridge). MSc Ecology and Society (Social Science) University of the West of England (Bristol).
Mike Coleman Mike Coleman Ecology	Ornithology Lead	Mike has over 25 years' working as an ecological surveyor, with 15+ years working as an ornithologist in the Highlands of Scotland, predominantly on renewable energy schemes in the uplands. During this time, he has authored and worked on many high-profile EIAs, HMPs and SPPs.	BA (Hons), MSc
Matthew Hopkins Gavia Environmental Ltd	Director; Hydrobiologist	Matthew is qualified in hydrobiology has over 25 years' experience in the fields of ecology and aquatic science and he has a statutory background with the Environment Agency prior to his Environmental Consultancy career. Matthew has a wide range of experience in projects requiring Environmental Impact Assessment, and is familiar with the process required for Habitat Regulation Assessment (HRA). Matthew has a wide array of project experience including roads and bridges, water and wastewater treatment schemes, transmission line reconductoring and new connection schemes, and flood prevention schemes as well as a plethora of renewable onshore wind farms and hydro power projects including both run-of- river and pumped storage schemes.	BSc (Hons) in Environmental Biology MSc Applied Hydrobiology.
Donald Morrison Gavia	Fish and Aquatic Ecology Lead	Donald is an environmental consultant with over 7 years' experience working within aquatic environments. Donald has experience of producing	BSc (Hons) Environmental Science Member of the Institute of Fisheries Management

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Environmental Ltd		EclA chapters, HRA and preparing technical appendices on major renewable energy projects. Donald regularly carries out pre-application surveys for fish fauna, fisheries habitat, water quality monitoring and freshwater pearl mussel assessments.	
Gordon Robb SLR Consulting	Geology, Soils and Water Environment Technical Lead	<p>Gordon is a Technical Director (Hydrology and Hydrogeology) at SLR Consulting Limited and has over 30' experience assessing hydro power, renewable energy and electrical infrastructure projects and specifically their potential effects on soils, geology and the water environment, including public and private water supplies, and designated water dependent habitat.</p> <p>He is based in Scotland and has worked throughout Scotland, including sites in similar settings to the Proposed Development.</p> <p>He has also prepared and given expert witness evidence relating to electrical infrastructure and renewable energy projects. He was a contributing author to the joint Scottish Renewables Forum and SEPA peat assessment and reuse guidance.</p>	BSc Geography, MSc Engineering Hydrology, MBA, C.WEM, FCIWEM.
Catherine Dagg	Cultural Heritage Lead	Catherine has over 25 years' experience of working as a freelance archaeologist and heritage consultant covering the north of Scotland and the Outer Isles. She has evaluated the Cultural Heritage implications for a wide range of renewable schemes and their associated infrastructure and, where unavoidable, taken mitigation on to full excavation.	BA hons Prehistory and Archaeology Associate of the Chartered Institute for Archaeologists
Gordon Buchan Pell Frischmann	Transport Planning	Gordon has over 25 years' experience of undertaking the transport assessments associated with new developments and has	BEng (Hons), MSc, FCIHT, CMILT

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		worked on renewable energy and energy distribution projects across the UK, Ireland and Northern Europe	
Andrew Corkhill Spectrum Acoustics	Noise and Vibration Lead	Andrew has over 30 years' experience of major energy and power projects worldwide, supporting planning and permitting and undertaking troubleshooting, and public inquiries.	BSc in Building Technology (University of Manchester); MSc in Acoustic and Vibration Technology (Imperial College, London)
Rachel McHale SLR Consulting	Air Quality Lead	Rachel has over 17 years' experience as an Air Quality Consultant, specialising in the impact of dust and emissions from mineral and construction sites. Rachel was on the working group for the IAQM Minerals Guidance (2016) and has a vast array of experience across sites in Scotland, including leading the Air Quality Assessment on the Coire Glas hydro scheme.	BSc Geography Member, Institute of Air Quality Management Member, Institute of Environmental Science
Cameron Ross Crosscut Forestry	Forestry Consultant	Having successfully completed a Diploma in Forestry at the Scottish School of Forestry in 1988, Cameron has over 35 years working as a Forest Manager on woodlands throughout Scotland including the provision of advice and support to developers on woodland related matters for several renewable energy projects.	Scotvec Diploma in Forestry
Mark Kummerer MKA Economics Ltd	Socio-economics Lead	Mark has 24 years' experience in economic development consultancy, specialising in the socio-economic impact of private sector investments and public sector interventions and support. Including PLI and Scottish Land Court Expert Witness Experience.	MA Economics BA Economics Member Institute for Economic Development (MIED) Member Economic Development Association Scotland (EDAS)