

# Land East of J11, M40, Banbury

## Environmental Statement

### Volume 1: Main Report and Figures

#### **Greystoke CB Ltd.**

Prepared by Pegasus Group | December 2023 | P21-3302

Environment.



LOGO	SPECIALISM	STATEMENT OF COMPETENCE
 	Planning Environmental Impact Assessment Heritage Socio- Economics	<p>Pegasus Group (Pegasus) is the consultancy that has compiled this Environmental Statement (ES). This consultancy was established in 2003 and has over the years expanded to a company that strives for “good development” across the whole of the UK. Pegasus is a multi-disciplinary planning consultancy and has provided the following services in the context of this ES: planning, environmental planning, heritage, and economics.</p> <p>Pegasus is Institute of Environmental Management and Assessment (IEMA) ‘Quality Mark’ Accredited and its ESs and the processes that it undertakes to create them are regularly subjected to external review via this accreditation to ensure that all Pegasus Environmental Impact Assessments (EIA) are legally compliant and apply best practice. This ES has been coordinated by a Chartered Environmentalist and Member of IEMA.</p> <p>Our Heritage Team is the trusted UK market leader in the provision of quality archaeological and heritage services, delivered from a national network of offices. We provide expertise in heritage consultancy, archaeology, geophysical survey and marine archaeology supported by specialist staff from our graphics, research and outreach teams. We are registered members of a number of professional bodies.</p> <p>Within the Socio-Economics team working on this application, Laura Day (BA (Hons), MA, PIEMA, MIED) is a Principal Consultant in the Economics team at Pegasus Group. Laura has almost 14 years’ experience working in Socioeconomics and Environmental Impact Assessment (EIA) project management. Her experience spans a range of sectors including residential, commercial, retail, renewable energy and energy infrastructure. Richard Cook (BA (Hons), MA, MIED) is a Director in the Economics team at Pegasus Group. Richard has more than 18 years’ experience working in economic development and has written more than 20 socio-economic chapters in the last two years for a variety of schemes, including residential, commercial, student accommodation and older person accommodation developments.</p>
	Air Quality Noise	<p>M-EC are a multi-disciplinary company based in Leicestershire and provide consultancy services for private and public sector projects including residential, commercial, industrial, retail, leisure, education and healthcare. The Acoustic Air team forms one of ten core disciplines within the company and provide expert advice on all matters relating to noise and air quality</p>
	Ecology	<p>The EclA was undertaken by Dr Holly Smith MCIEEM with over 17 years’ experience in ecological consultancy and an author of numerous EclAs for schemes similar in nature. The ecologist who contributed to the EclA are members of CIEEM. Cotswold Ecology James Pattenden, Natural England dormouse licence holder (reference 2016-21635-CLS-CLS) and bat licence holder (Class 2 licence number 2015- 106-CLS-CLS) and CL21 Registered Consultant (including Annex D for Lesser Horseshoe Bats). James is a full member of the Chartered Institute of Ecology and Environmental Management (CIEEM) with 16 years of experience in ecological consultancy. Adrian George is a professional ornithologist for Falco Ecology undertaking bird surveys for a variety of ecological consultancies. The HLPC team was supported by Stuart Silver MCIEEM with over 17 years’ professional experience and holds a CL35 licence for badgers.</p>
	Ecology	<p>Ecology survey work was undertaken by Aspect Ecology and updates previous information and surveys prepared by Harris Lamb. The update survey work was undertaken by suitably qualified and experienced ecology staff. In particular, the update work was led by Alistair Baxter (Senior Director at Aspect Ecology Ltd) and Dr Colin Lee, (Director at Aspect Ecology Ltd). Mr Baxter is an experienced botanist with over 20 years personal experience in surveying and carrying out Ecological Assessments relating to a range of schemes and is a Chartered Ecologist and a Chartered Environmentalist. Dr Lee is an experienced botanist and has over 17 years of experience in ecological consultancy, including regularly undertaking ecological surveys and assessments in relation to a wide range of development schemes across the UK. Relevant Aspect Ecology staff members are full members of the professional Chartered Institute of Ecology and Environmental Management (CIEEM).</p>

	<p>Flood Risk and Drainage</p>	<p>Rachel Shepherd is a Principal Consultant with eight years of experience working in the environmental sector, specialising in Flood Risk Assessments to support planning applications. Rachel is a chartered member of the Chartered Institute of Water and Environmental Management (CIWEM). She has provided flood risk and sustainable drainage advice for a wide range of projects, from residential schemes to schools and commercial ventures. Areas of expertise include identifying development opportunities and constraints through scoping assessments; providing detailed Flood Risk Assessments (including surface water drainage strategies) to support planning applications; and preparing Environmental Statements for various large-scale schemes.</p> <p>Ella Brown joined Delta-Simons as a Graduate Consultant in December 2020. Since joining the Water Services Team, Ella has developed her flood risk and drainage knowledge across a broad array of projects by completing Flood Risk Appraisals and Assessments, Peer Reviews, Drainage Strategies and Environmental Statements.</p>
	<p>Landscape and Visual</p>	<p>MHP Design Ltd is a Chartered Landscape Practice with the Landscape Institute (membership reference 843) that has been in practice since 1994 (previously trading as Paul Harris Associates and Mitchell Harris Partnership). We specialise in professional landscape architectural consultancy but also have an in-house arboricultural consultancy which supports the work that our landscape architects undertake.</p> <p>The professional team of consultants who have worked on the Banbury proposals from inception are set out below:</p> <p>Paul Harris CMLI – Paul is a director of MHP Design who qualified as a Chartered Landscape Architect in 1990. He has worked on a vast array of commercial projects within the UK and abroad. Paul is the director who has led and co-ordinated the project within MHP Design and who has been involved in the landscape assessment, landscape design strategy and production of the landscape ES chapter.</p> <p>Alex Dallyn CMLI – Alex is an associate director with responsibility for technical detailing and software. Alex qualified in 2006 and has worked with MHP Design since qualifying. Alex has been involved in the production of drawings for the project.</p> <p>Daniel Bowles CMLI – Daniel is a senior landscape architect who qualified in 2018. Dan is involved in both landscape assessment and production of drawings and support graphics for the project.</p>
	<p>Transport and Access</p>	<p>The Transport Chapter has been prepared jointly by Simon Tucker (BSc (Hons) Civil Engineering) and Rose Tinley (BSc (Hons) Physical Geography and Geology). Simon is a Member of the Chartered Institute of Highways and Transportation and has over 22 years in the field of transport planning.</p> <p>DTA regularly contributes to the preparation EIAs for a wide range of projects including large scale DCO application, housing commercial and marine development. They typically prepare around 10 – 15 EIA chapters a year.</p>

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		<b>Volume 1 Main Report &amp; Figures</b>	<b>Volume 2 Appendices</b>
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	Statement of Competence	✓	
<b>1.</b>	<b>INTRODUCTION</b>	✓	
	Figure 1.1 Site Location Plan	✓	
	Appendix 1.1 CDC and WNC Screening Opinion		✓
<b>2.</b>	<b>ASSESSMENT SCOPE AND METHODOLOGY</b>	✓	
	Figure 2.1 Cumulative Plan	✓	
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<b>3.</b>	<b>APPLICATION SITE AND PROPOSED DEVELOPMENT</b>	✓	
	Figure 3.1 Environmental Designations Plan	✓	
	Figure 3.2 Parameter Plan	✓	
	Figure 3.3 Illustrative Site Layout	✓	
	Figure 3.4 Illustrative Landscape Strategy	✓	
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<b>4.</b>	<b>ALTERNATIVES</b>	✓	
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<b>5.</b>	<b>LANDSCAPE AND VISUAL</b>	✓	
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	Appendix 5.2 Landscape and Visual Methodology		✓
	Appendix 5.3 Landscape and Visual Impact Assessment (May 2022, V2)		✓
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<b>6.</b>	<b>CULTURAL HERITAGE</b>	✓	
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	Appendix 6.2 Geophysical Survey Report		✓
	Appendix 6.3 Archaeological Evaluation		✓
<b>7.</b>	<b>ECOLOGY</b>	✓	
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	Appendix 7.1 Preliminary Ecological Appraisal		✓
	Appendix 7.2 Confidential Badger Addendum		✓

		<b>Volume 1 Main Report &amp; Figures</b>	<b>Volume 2 Appendices</b>
	Appendix 7.3	Update Habitat and General Faunal Survey and BNG Assessment	✓
	Appendix 7.4	Great Crested Newt Survey Results	✓
	Appendix 7.5	Breeding Bird Survey 2022 Addendum	✓
	Appendix 7.6	Bat Ground Level Tree Appraisal	✓
<b>8.</b>	<b>TRANSPORT AND ACCESS</b>		✓
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	Appendix 8.1	Transport Assessment	✓
	Appendix 8.2	Framework Travel Plan	✓
<b>9.</b>	<b>FLOOD RISK AND DRAINAGE</b>		✓
		No Figures	-
	Appendix 9.1	Flood Risk Assessment and Drainage Strategy	✓
	Appendix 9.2	Envirocheck Report- Datasheets and Maps	✓
<b>10.</b>	<b>AIR QUALITY</b>		✓
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	Appendix 10.1	Definition of Air Quality Terms and Units	✓
	Appendix 10.2	Traffic Data	✓
	Appendix 10.3	M-EC Receptor Location	✓
	Appendix 10.4	Verification	✓
	Appendix 10.5	Modelled Pollutants	✓
	Appendix 10.6	Dusk Risk Assessment Procedures	✓
	Appendix 10.7	Air Quality Control Measures for Low, Medium and High-Risk Sites	✓
<b>11.</b>	<b>NOISE</b>		✓
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	Appendix 11.2	Legislation and Guidance	✓
	Appendix 11.3	Environmental Noise Survey	✓
	Appendix 11.4	Construction Assessment	✓
	Appendix 11.5	Noise Model Assessment	✓
	Appendix 11.6	Operation Assessment	✓
	Appendix 11.7	Development Generated Traffic Noise Assessment	✓
	Figure 11.1	Measurement Positions and Sensitive Receptors	✓

	Figure 11.2	Ambient Scenario Contours	✓	
	Figure 11.3	Electric Scenario Contours	✓	
<b>12.</b>	<b>SOCIO-ECONOMICS</b>		✓	
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	Figure 12.4	Employment Change, 2015-22	✓	
	Figure 12.5	Claimant Count, Oct 2021-Oct 2023	✓	
	Figure 12.6	Additionality Factors	✓	
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<b>13.</b>	<b>SUMMARY</b>		✓	
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