# **Jacobs**

Haweswater Aqueduct Resilience Programme - Proposed Bowland Section

**Environmental Statement** 

Volume 4

**Appendix 1.1: Project Team** 

June 2021





### Haweswater Aqueduct Resilience Programme - Proposed Bowland Section

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# 1. Project Team

#### 1.1 Introduction

1) The Environmental Impact Assessment (EIA) reported in this Environmental Statement (ES) has been undertaken by competent experts with experience relevant to their respective topics. Table 1.1 provides a summary of the qualifications of the project team.

**Table 1.1: List of Project Team Qualifications** 

| Topic/ Responsibility                                     | Relevant academic qualifications  | Relevant professional qualifications   |
|---|---|--|
| Project Manager   | BSc Geology<br>MSc Engineering Geology  | Fellow of the Geological Society (FGS) Chartered Geologist (CGeol)   |
| HARP EIA Environment<br>Lead                              | BSc Natural Environmental Sciences MSc Environmental Technology DIC Diploma of Imperial College     | Member Institute of Ecology and Environmental Management (MIEEM) Member Chartered Institution of Water and Environmental Management (MCIWEM) Chartered Water and Environmental Manager (CIWEM) |
| Technical and Strategic<br>Guidance                       | BSc (Hons) Zoology  MSc Environmental Protection and  Management                                    | Member Institution of Environmental Science (IES) Chartered Environmentalist (CEnv)  |
| Client Project<br>Engineering Manager                     | BEng (Hons) Civil Engineering   | Chartered Member of the Institution of Civil Engineers (ICE)   |
| Client EIA and Planning<br>Lead for Programme of<br>Works | MA Town & Country Planning  | Chartered Member of the Royal Town<br>Planning Institute   |
| Client EIA and Planning<br>Lead                           | BA (Hons) Geography MSc Environmental Management MSc Environmental Planning                         | Chartered Member of the Royal Town<br>Planning Institute   |
| EIA Coordination  | BSc (Hons) Earth Science with<br>Geography<br>MSc Environmental Impact<br>Assessment and Management | Practitioner Member of the Institute of<br>Environmental Management and<br>Assessment (PIEMA)  |
| Planning Lead Author                                      | BSc (Hons) Town Planning<br>Diploma Town Planning   | Chartered Member of the Royal Town<br>Planning Institute (RTPI)  |
| Planning Lead Author                                      | BA Geography<br>MSc Town Planning   | Chartered Member of the Royal Town<br>Planning Institute (RTPI)  |
| Landscape & Visual Lead<br>Author                         | BA (Hons) Landscape Architecture<br>BLA Landscape Architecture                                      | Chartered Member of the Landscape<br>Institute (CMLI)  |
| Visual and<br>Photomontage Lead<br>Author                 | BA (Hons) Grad Dip Landscape<br>Architecture  | Chartered Member of the Landscape<br>Institute (CMLI)  |

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| Topic/ Responsibility                            | Relevant academic qualifications   | Relevant professional qualifications  |
|--|--|---|
| Arboriculture Lead<br>Author                     | FdSc Arboriculture<br>BA History   | Professional Member of Arboricultural<br>Association (AA)<br>Associate Member, Institute of<br>Chartered Foresters (ICF)                              |
| Water Environment Lead<br>Coordinator            | BSc in Physical Geography MSc in Management of the Freshwater Environment MSc in Strategic and Business Leadership | Chartered, Member of Chartered Institution of Water and Environmental Management (C.WEM) Chartered Environmentalist (CEnv) Chartered Scientist (CSci) |
| Water (Water Framework<br>Directive) Lead Author | BSc (Hons) Environmental Geography MSc by Research   | Chartered, Member of Chartered<br>Institution of Water and<br>Environmental Management (C.WEM)  |
| Groundwater Lead<br>Author                       | BSc (Hons) Applied Geology<br>MSc in Hydrogeology  | Fellow of the Geological Society  |
| Geomorphology Lead<br>Author                     | Master of Geology (MGeol)  | Member of The Chartered Institution<br>of Water and Environmental<br>Management (MCIWEM)<br>Member of British Society for<br>Geomorphology            |
| Flood Risk Lead Author                           | BSc (Hons) Geography<br>MSc (Hons) Geographic Information<br>Science   | Member, Chartered Institution of<br>Water and Environmental<br>Management (MCIWEM)<br>Chartered Water and Environmental<br>Manager (C.WEM)            |
| Ecology Lead and Co-<br>ordinator                | BSc (Hons) Zoology<br>MSc Behavioural Ecology  | Full Member, Chartered Institute of<br>Ecology and Environmental<br>Management (CIEEM)<br>Chartered Environmentalist (CEnv)                           |
| Ecology Lead and Co-<br>ordinator                | BSc (Hons) Zoology   | Full Member, Chartered Institute of<br>Ecology and Environmental<br>Management (CIEEM)<br>Chartered Environmentalist (CEnv)                           |
| Terrestrial Ecology Lead<br>Author               | BSc (Hons) Environmental Science   | Full Member, Chartered Institute of<br>Ecology and Environmental<br>Management (CIEEM)  |
| Aquatic Ecology Lead<br>Author                   | BSc (Hons) Science MA Environmental Impact Assessment and Management PhD Marine Ecology                            | Full Member, of Chartered Institute of<br>Ecology and Environmental<br>Management (CIEEM)   |
| Cultural Heritage Lead<br>Author                 | BA (Hons) Archaeology and Greek and<br>Roman Civilisation  | Full Member of the Chartered Institute for Archaeologists (MCIfA)   |



| Topic/ Responsibility                          | Relevant academic qualifications  | Relevant professional qualifications   |
|--|---|--|
|  | MA in Archaeology<br>Post Grad Dip. In GIS  |  |
| Soils, Geology and Land<br>Quality Lead Author | BSc Environmental Science<br>MSc Earth & Environmental Sciences:<br>Research Technologies | Member, Chartered Institution of<br>Water and Environmental<br>Management (MCIWEM)<br>Chartered Environmentalist (IES) |
| Materials and Waste<br>Lead Author             | MSc Environment & Resource<br>Management  |  |
| Communities and Health<br>Lead Author          | MA Sustainable Development  | Associate Member, Institute of Environmental Management and Assessment   |
| Transport Planning Lead<br>Author              | BSc Civil Engineering MEng Civil and Transportation Engineering                           | Member, Chartered Institution of<br>Highways and Transportation (MCIHT)  |
| Noise and Vibration<br>Lead Author             | BSc Environmental Science MSc Applied Acoustics Institute of Acoustics (IOA) Diploma      | Member, Institute of Acoustics (IOA)   |
| Air Quality Lead Author                        | BSc Physics with Environmental<br>Science,<br>MSc Environmental Technology                | Member, Institute of Air Quality<br>Management (MIAQM)   |
| GIS Lead and<br>Coordinator                    | BA Geography<br>MSc Geographical Information<br>Science                                   |  |