

Mr. John Macholc  
Head of Planning Services  
Ribble Valley Borough Council  
Church Walk  
Clitheroe  
BB7 2RA.

Our Ref: RVBC-BO-APP-002

Date: 22/06/2021

**PLANNING APPLICATION: Haweswater Aqueduct Resilience Programme – Proposed Bowland Section (Ribble Valley Borough Council)**

Dear Mr. Macholc

**APPLICANT: United Utilities Water Limited**

**PROPOSED DEVELOPMENT:** Proposed works for and use of replacement section of aqueduct, including earthworks and ancillary infrastructure including: a new valve house building within fenced compound with permanent vehicular access provision. With the installation of a tunnel portal and an open cut connection area within a temporary construction compound, to include site accesses, storage areas, plant and machinery, and drainage infrastructure and a temporary haul route with bridge over the River Hodder. In addition, a temporary haul route with bridge over the River Ribble (as one of two options for vehicular access to the temporary construction compound); a series of local highway works together with a temporary satellite park and ride facility and a vehicle marshalling area.

**DEVELOPMENT LOCATION:** From land near the convergence of the Hornby Road, the Roman Road and Shooters Clough to land west of Newton in Bowland; with highway works at various locations from Pimlico Link Road, Clitheroe to Hallgate Hill, Newton in Bowland, via Chatburn Road, Ribble Lane, Grindleton Road and Slaidburn Road; a haul route from land south of West Bradford Bridge to West Bradford Road, west of Healings Farm, West Bradford; a vehicle marshalling facility on land at the Ribblesdale Cement Works, West Bradford Road, Clitheroe and a park and ride facility at the existing Ribblesdale Cement Works car park to the west of West Bradford Road.

Further to our previous discussions with your Authority, we have now submitted a planning application, supported by an Environmental Statement (ES), to your authority for that part of the Proposed Bowland Section of the Haweswater Aqueduct Resilience Programme (HARP) within Ribble Valley Borough Council.

The Planning application form has been submitted via the planning portal, along with the newspaper notice (regarding unknown owners) and the list of known landowners/tenants, and the supporting documentation has been provided directly to Ribble Valley Borough Council via electronic file transfer. We will work with your authority to ensure that you have been able to download all the submitted documents to enable you to validate this application. You have previously confirmed that you require one hard copy of the application documents. We have also agreed that we will provide your authority with the hard copies in the coming days and that this will not delay validation of the application.

A full list of documents and drawings submitted is attached to this letter and includes the following:

- Planning Application Form, schedule of owners and agricultural tenants, and a copy of the unknown owner(s) notice from local newspaper (all sent via the Planning Portal)
- Planning Drawings:
  - Scheme Overview drawings
  - Site Locations Plans
  - Site Layouts

- General Arrangements – Scheme extents
- General Arrangements – Compound Construction Phase
- General Arrangements – Compound Connection Phase
- Compound Cross Sections
- Multi-Line Syphon Connection and Other Connections Cross Sections
- Compound Elevations
- General Arrangements and Elevations of structures/buildings
- General Arrangements – Compound Access Junctions
- Highways Works
- Satellite/Park & Ride Compound Layouts
- Planning, Design and Access Statement including Appendices as follows:
  - Major Development Test
  - Land Drainage Statement
  - SUDS Proforma
  - Land Stability Report.
- Statement of Community Involvement
- Construction Traffic Management Plan
- Lighting Management Plan
- Biodiversity Net Gain Strategy
- Habitats Regulations Assessment Screening Report
- SSSI Assessment
- Bowland Environmental Statement consisting of:
  - Volume 1: Non-Technical Summary
  - Volume 2: Environmental Statement
  - Volume 3: Figures
  - Volume 4: Technical Appendices (including Environmental Masterplans)
  - Volume 5: Off-site Highways Works
  - Volume 6: Proposed Ribble Crossing.

Please note that an application for the Proposed Bowland Section is also being submitted to Lancaster City Council for their corresponding part of the HARP Proposed Bowland Section.

Finally, we will continue to work collaboratively with the Local Planning Authority and other stakeholders during the determination of the application, and appreciate that we may need to be provide further information in response to consultation feedback. Should you require anything further at this stage, please do not hesitate to contact me.

Yours sincerely

*James Cullen*

**James Cullen**

**Principal Environmental Planner, United Utilities Water Limited**

# Proposed Bowland Section – Ribble Valley Borough Council Planning Submission Documents and Drawings

## 1. Planning Documents

Document Title	Document Reference
Application Form with Land Ownership Details	n/a
Application Covering Letter (with guide to the application and schedule of documents)	RVBC-BO-APP-002
Planning, Design & Access Statement (including a Major Development Test, Drainage Statement and SUDS Proforma)	RVBC-BO-APP-003
Bowland Section (RVBC) Compounds Lighting Management Plan	RVBC-BO-APP-005
Bowland Section (RVBC) Statement of Community Involvement	RVBC-BO-APP-006
Construction Traffic Management Plan (Existing Highways)	RVBC-BO-APP-007_01 Split into main report and Appendices Parts
Construction Traffic Management Plan (Ribble Crossing)	RVBC-BO-APP-007_02
Bowland Section (RVBC) BNG Strategy - on site	RVBC-BO-APP-008_01
Bowland Section (RVBC) BNG Strategy - off site	RVBC-BO-APP-008_02
Bowland Section SSSI Assessment	LCC_RVBC-BO-APP-009
Bowland Section HRA Report	LCC_RVBC-BO-APP-010

## 2. Schedule of Planning Drawings and References

Drawing Title	Drawing Reference
Scheme Overview Plans	RVBC-BO-APP-004-01_01
Section Overview Plans	RVBC-BO-APP-004-01_02
Section Overview Plans	RVBC-BO-APP-004-01_03
Site Location Red Line Plan (Sheet 1 of 2)	RVBC-BO-APP-004-02_01
Site Location Red Line Plan (Sheet 2 of 2)	RVBC-BO-APP-004-02_02
Site Layout Plans (Existing Site - Newton In Bowland Compound - Sheet 1 of 2)	80061155-01-JAC-TR3-97-DR-C-00003
Site Layout Plans (Existing Site - Newton In Bowland Compound - Sheet 1 of 2)	80061155-01-JAC-TR3-97-DR-C-00010
Site Layout Plans (Proposed Permanent - Newton In Bowland Compound - Sheet 1 of 2)	80061155-01-JAC-TR3-97-DR-C-00004
Site Layout Plans (Proposed Permanent - Newton In Bowland Compound - Sheet 2 of 2)	80061155-01-JAC-TR3-97-DR-C-00011
General Arrangement - Scheme Extents (Sheet 1 of 7)	RVBC-BO-APP-004-04_01
General Arrangement - Scheme Extents (Sheet 2 of 7)	RVBC-BO-APP-004-04_02
General Arrangement - Scheme Extents (Sheet 3 of 7)	RVBC-BO-APP-004-04_03
General Arrangement - Scheme Extents (Sheet 4 of 7)	RVBC-BO-APP-004-04_04
General Arrangement - Scheme Extents (Sheet 5 of 7)	RVBC-BO-APP-004-04_05
General Arrangement - Scheme Extents (Sheet 6 of 7)	RVBC-BO-APP-004-04_06
General Arrangement - Scheme Extents (Sheet 7 of 7)	RVBC-BO-APP-004-04_07
General Arrangement - Scheme Extents (River Ribble Crossing)	80061155-01-JAC-TR3-97-DR-C-00006
PROPOSED NEWTON IN BOWLAND COMPOUND CONSTRUCTION PHASE DRAWING SHEET 1 OF 2	RVBC-BO-APP-004-05_01
PROPOSED NEWTON IN BOWLAND COMPOUND CONSTRUCTION PHASE DRAWING SHEET 2 OF 2	RVBC-BO-APP-004-05_02
PROPOSED NEWTON IN BOWLAND COMPOUND CONNECTION PHASE DRAWING SHEET 1 OF 2	RVBC-BO-APP-004-06_01
PROPOSED NEWTON IN BOWLAND COMPOUND CONNECTION PHASE DRAWING SHEET 2 OF 2	RVBC-BO-APP-004-06_02

Drawing Title	Drawing Reference
COMPOUND SECTIONS - NEWTON IN BOWLAND COMPOUND	RVBC-BO-APP-004-07
Newton-in-Bowland Compound - Pipeline Open Cut Construction Easement - Cross Section	80061155-01-UU-TR3-XX-DR-C-20021
Newton-in-Bowland Compound - Proposed Pipeline Connection Layout	80061155-01-UU-TR3-XX-DR-C-20022
COMPOUND ELEVATIONS - NEWTON IN BOWLAND COMPOUND SHEET 1 OF 2	RVBC-BO-APP-004-09_01
COMPOUND ELEVATIONS - NEWTON IN BOWLAND COMPOUND SHEET 2 OF 2	RVBC-BO-APP-004-09_02
NEWTON-IN-BOWLAND COMPOUND PROPOSED VALVE HOUSE BUILDING ELEVATIONS	80061155-01-UU-TR3-XX-DR-C-00061
NEWTON-IN-BOWLAND COMPOUND TYPICAL RAISED CHAMBER DETAIL	80061155-01-UU-TR3-XX-DR-C-00063
NEWTON-IN-BOWLAND COMPOUND PROPOSED FENCING AND GATE DETAIL	80061155-01-UU-TR3-XX-DR-C-00065
NEWTON-IN-BOWLAND COMPOUND PROPOSED TEMPORARY HODDER CROSSING BRIDGE GENERAL ARRANGEMENT AND ELEVATIONS	80061155-01-JAC-TR3-97-DR-C-00005
PROPOSED RIBBLE CROSSING BRIDGE GENERAL ARRANGEMENT AND ELEVATIONS	80061155-01-JAC-TR3-97-DR-C-00009
General Arrangement – Compound Junction Access Details (Newton In Bowland Compound N&S)	RVBC-BO-APP-004-11_01
General Arrangement – Compound Junction Access Details (Newton In Bowland Compound Hallgate Hill)	RVBC-BO-APP-004-11_02
HIGHWAYS WORKS PROPOSALS (SHEET LOCATIONS) SHEET 1 of 12	RVBC-BO-APP-004-12_01
Highways Works Proposals (Sheet 2 of 12)	RVBC-BO-APP-004-12_02
Highways Works Proposals (Sheet 3 of 12)	RVBC-BO-APP-004-12_03
Highways Works Proposals (Sheet 4 of 12)	RVBC-BO-APP-004-12_04
Highways Works Proposals (Sheet 5 of 12)	RVBC-BO-APP-004-12_05
Highways Works Proposals (Sheet 6 of 12)	RVBC-BO-APP-004-12_06
Highways Works Proposals (Sheet 7 of 12)	RVBC-BO-APP-004-12_07
Highways Works Proposals (Sheet 8 of 12)	RVBC-BO-APP-004-12_08
Highways Works Proposals (Sheet 9 of 12)	RVBC-BO-APP-004-12_09
Highways Works Proposals (Sheet 10 of 12)	RVBC-BO-APP-004-12_10
HIGHWAYS WORKS PROPOSALS - TYPICAL PASSING PLACE CROSS SECTIONS - SHEET 11 of 12	RVBC-BO-APP-004-12_11

Drawing Title	Drawing Reference
HIGHWAYS WORKS PROPOSALS - TYPICAL ROAD WIDENING CROSS SECTIONS - SHEET 12 of 12	RVBC-BO-APP-004-12_12
Highways Works Proposals (RIBBLE CROSSING HAUL ROAD - Sheet 1 of 2)	80061155-01-JAC-TR3-97-DR-C-00007
Highways Works Proposals (RIBBLE CROSSING HAUL ROAD - Sheet 2 of 2)	80061155-01-JAC-TR3-97-DR-C-00008
General Arrangement - Clitheroe Park & Ride Facility and HGV Holding Area	80061155-01-UU-TR3-XX-DR-C-00045

### 3. Environmental Statement

Volume	Document Title	Document Reference
Volume 1	Non-Technical Summary	LCC_RVBC-BO-ES-NTS
Volume 2	Chapter 1: Introduction	LCC_RVBC-BO-ES-001
Volume 2	Chapter 2: Environmental Context	LCC_RVBC-BO-ES-002
Volume 2	Chapter 3: Design Evolution & Development Description	LCC_RVBC-BO-ES-003
Volume 2	Chapter 4: EIA Methodology	LCC_RVBC-BO-ES-004
Volume 2	Chapter 5: Planning Policy & Context	LCC_RVBC-BO-ES-005
Volume 2	Chapter 6: Landscape & Arboriculture	LCC_RVBC-BO-ES-006
Volume 2	Chapter 7: Water Environment	LCC_RVBC-BO-ES-007
Volume 2	Chapter 8: Flood Risk	LCC_RVBC-BO-ES-008
Volume 2	Chapter 9A: Terrestrial Ecology	LCC_RVBC-BO-ES-009-01
Volume 2	Chapter 9B: Aquatic Ecology	LCC_RVBC-BO-ES-009-02
Volume 2	Chapter 10: Cultural Heritage	LCC_RVBC-BO-ES-010
Volume 2	Chapter 11: Soils, Geology & Land Quality	LCC_RVBC-BO-ES-011
Volume 2	Chapter 12: Materials & Waste	LCC_RVBC-BO-ES-012
Volume 2	Chapter 13: Public Access & Recreation	LCC_RVBC-BO-ES-013
Volume 2	Chapter 14: Communities & Health	LCC_RVBC-BO-ES-014
Volume 2	Chapter 15: Major Accidents	LCC_RVBC-BO-ES-015
Volume 2	Chapter 16: Transport Planning	LCC_RVBC-BO-ES-016
Volume 2	Chapter 17: Noise & Vibration	LCC_RVBC-BO-ES-017
Volume 2	Chapter 18: Air Quality & Climate Change	LCC_RVBC-BO-ES-018
Volume 2	Chapter 19: Cumulative Effects	LCC_RVBC-BO-ES-019
Volume 2	Chapter 20: Environmental Mitigation	LCC_RVBC-BO-ES-020
Volume 2	Chapter 21: Summary of Significant Effects	LCC_RVBC-BO-ES-021
Volume 3	Figure 1.1: Proposed Programme of Works	LCC_RVBC-BO-FIG-001-001
Volume 3	Figure 1.2: Planning Proposed Bowland Section	LCC_RVBC-BO-FIG-001-002
Volume 3	Figure 3.1A: Planning Application Boundary Bowland Section	LCC_RVBC-BO-FIG-003-001A
Volume 3	Figure 3.1B: Highways Works Planning Application Boundary Bowland Section	LCC_RVBC-BO-FIG-003-001B
Volume 3	Figure 6.1: Zone of Theoretical Visibility (ZTV)	LCC_RVBC-BO-FIG-006-001
Volume 3	Figure 6.2: Representative Viewpoint Locations and Photomontage Locations	LCC_RVBC-BO-FIG-006-002
Volume 3	Figure 6.3: Landscape Context	LCC_RVBC-BO-FIG-006-003
Volume 3	Figure 6.4: Landscape Character	LCC_RVBC-BO-FIG-006-004

Volume	Document Title	Document Reference
Volume 3	Figure 6.5: Tree Constraints and Assessment Plan	LCC_RVBC-BO-FIG-006-005
Volume 3	Figure 6.6: Preliminary Trees at Risk Plan	LCC_RVBC-BO-FIG-006-006
Volume 3	Figure 6.7: Photosheets (Page 1 of 2)	LCC_RVBC-BO-FIG-006-007_pg1
Volume 3	Figure 6.7: Photosheets (Page 2 of 2)	LCC_RVBC-BO-FIG-006-007_pg2
Volume 3	Figure 6.8: Viewpoint TR03_01 Photomontages	LCC_RVBC-BO-FIG-006-008
Volume 3	Figure 6.9: Viewpoint TR03_02 Photomontages	LCC_RVBC-BO-FIG-006-009
Volume 3	Figure 6.10: Viewpoint TR03_03 Photomontages	LCC_RVBC-BO-FIG-006-010
Volume 3	Figure 6.11: Viewpoint TR03_04 Photomontages	LCC_RVBC-BO-FIG-006-011
Volume 3	Figure 7.1: Water Environment Assessment Area	LCC_RVBC-BO-FIG-007-001
Volume 3	Figure 7.2: Geomorphology Baseline	LCC_RVBC-BO-FIG-007-002
Volume 3	Figure 7.3: Surface Water Quality Baseline	LCC_RVBC-BO-FIG-007-003
Volume 3	Figure 7.4: Bedrock Aquifer Designation Map and GI Borehole Locations	LCC_RVBC-BO-FIG-007-004
Volume 3	Figure 7.5: Superficial Aquifer Designation Map and GI Borehole Locations	LCC_RVBC-BO-FIG-007-005
Volume 3	Figure 7.6: Private Water Supply Locations, Source Protection Zones and Spring Discharges as Recorded on Ordnance Survey Maps, GWDTE Surveys and documented by Preene Groundwater Consultancy Ltd (2014)	LCC_RVBC-BO-FIG-007-006
Volume 3	Figure 7.7: Groundwater Dependent Terrestrial Ecosystems - Location Plan	LCC_RVBC-BO-FIG-007-007
Volume 3	Figure 7.8: Groundwater Dependent Terrestrial Ecosystems - Site-Specific Mitigation Measures	LCC_RVBC-BO-FIG-007-008
Volume 3	Figure 9A.1: Ecological Statutory Designations with 5km Buffer	LCC_RVBC-BO-FIG-009-01-01
Volume 3	Figure 9A.2: Ecological Non-Statutory Designations with 2km Buffer	LCC_RVBC-BO-FIG-009-01-02
Volume 3	Figure 9A.3: Priority Habitats and Ancient Woodland Within 1km	LCC_RVBC-BO-FIG-009-01-03
Volume 3	Figure 9A.4: Species Desktop Records – Overview Bowland Section	LCC_RVBC-BO-FIG-009-01-04
Volume 3	Figure 9A.5: Phase 1 Habitat Survey	LCC_RVBC-BO-FIG-009-01-05
Volume 3	Figure 9A.6: Hedgerow Assessment Plan	LCC_RVBC-BO-FIG-009-01-06
Volume 3	Figure 9A.7: National Vegetation Classification Plan	LCC_RVBC-BO-FIG-009-01-07
Volume 3	Figure 9A.8: Trees with Bat Roost Suitability	LCC_RVBC-BO-FIG-009-01-08
Volume 3	Figure 9A.9: Bat Transect Survey Results and Static Detectors	LCC_RVBC-BO-FIG-009-01-09



Volume	Document Title	Document Reference
Volume 3	Figure 9A.10: Breeding Bird Survey - Visit 1 (April 2019 and 2020)	LCC_RVBC-BO-FIG-009-01-10
Volume 3	Figure 9A.11: Breeding Bird Survey - Visit 2 (May 2019 and 2020)	LCC_RVBC-BO-FIG-009-01-11
Volume 3	Figure 9A.12: Breeding Bird Survey - Visit 3 (June 2019 and 2020)	LCC_RVBC-BO-FIG-009-01-12
Volume 3	Figure 9A.13: Winter Bird Survey – Visit 1 (September 2019)	LCC_RVBC-BO-FIG-009-01-13
Volume 3	Figure 9A.14: Winter Bird Survey – Visit 2 (October 2019)	LCC_RVBC-BO-FIG-009-01-14
Volume 3	Figure 9A.15: Winter Bird Survey – Visit 3 (November 2019)	LCC_RVBC-BO-FIG-009-01-15
Volume 3	Figure 9A.16: Winter Bird Survey – Visit 4 (December 2019)	LCC_RVBC-BO-FIG-009-01-16
Volume 3	Figure 9A.17: Winter Bird Survey – Visit 5 (January 2020)	LCC_RVBC-BO-FIG-009-01-17
Volume 3	Figure 9A.18: Winter Bird Survey – Visit 6 (February 2020)	LCC_RVBC-BO-FIG-009-01-18
Volume 3	Figure 9A.19: Winter Bird Survey – Visit 7 (March 2020)	LCC_RVBC-BO-FIG-009-01-19
Volume 3	Figure 9A.20: GCN Pond Location Plan	LCC_RVBC-BO-FIG-009-01-20
Volume 3	Figure 9B.1: Aquatic Ecology Baseline	LCC_RVBC-BO-FIG-009-02-01
Volume 3	Figure 9B.2: Otter Baseline	LCC_RVBC-BO-FIG-009-02-02
Volume 3	Figure 9B.3: Water Vole Baseline	LCC_RVBC-BO-FIG-009-02-03
Volume 3	Figure 10.1: Cultural Heritage Assets within Study Area	LCC_RVBC-BO-FIG-010-001
Volume 3	Figure 10.2: Designated Cultural Heritage Assets within ZTV	LCC_RVBC-BO-FIG-010-002
Volume 3	Figure 10.3: Environment Agency LiDAR Digital Surface Model (DSM)	LCC_RVBC-BO-FIG-010-003
Volume 3	Figure 11.1: Bedrock Geology	LCC_RVBC-BO-FIG-011-001
Volume 3	Figure 11.2: Superficial Geology and Artificial Ground	LCC_RVBC-BO-FIG-011-002
Volume 3	Figure 11.3: Agricultural Land Classification	LCC_RVBC-BO-FIG-011-003
Volume 3	Figure 11.4: Geological Designation and Resources	LCC_RVBC-BO-FIG-011-004
Volume 3	Figure 13.1: Public Access and Recreation Baseline	LCC_RVBC-BO-FIG-013-001
Volume 3	Figure 14.1: Regional Community Assessment Area (RCAA) Boundary	LCC_RVBC-BO-FIG-014-001
Volume 3	Figure 14.2: LCAA Boundary and Community Areas	LCC_RVBC-BO-FIG-014-002
Volume 3	Figure 14.3: Community and Health Receptors	LCC_RVBC-BO-FIG-014-003
Volume 3	Figure 16.1: Traffic Count Survey Locations	LCC_RVBC-BO-FIG-016-001
Volume 3	Figure 16.2: Proposed Vehicle Routing	LCC_RVBC-BO-FIG-016-002

Volume	Document Title	Document Reference
Volume 3	Figure 17.1: Baseline Sound Level Monitoring Locations and Assessment Sample Receptor Locations	LCC_RVBC-BO-FIG-017-001
Volume 3	Figure 18.1: Modelled Generator Locations, Receptor Locations and Modelled Road Network	LCC_RVBC-BO-FIG-018-001
Volume 3	Figure 19.1: Cumulative Effects	LCC_RVBC-BO-FIG-019-001
Volume 3	Figure 20.1: Environmental Masterplan (Page 1 of 4)	LCC_RVBC-BO-FIG-020-001_pg1
Volume 3	Figure 20.1: Environmental Masterplan (Page 2 of 4)	LCC_RVBC-BO-FIG-020-001_pg2
Volume 3	Figure 20.1: Environmental Masterplan (Page 3 of 4)	LCC_RVBC-BO-FIG-020-001_pg3
Volume 3	Figure 20.1: Environmental Masterplan (Page 4 of 4)	LCC_RVBC-BO-FIG-020-001_pg4
Volume 4	Appendix 1.1: Project Team	LCC_RVBC-BO-TA-001-001
Volume 4	Appendix 1.2: Glossary and Key Terms	LCC_RVBC-BO-TA-001-002
Volume 4	Appendix 3.1: Development Description	LCC_RVBC-BO-TA-003-001
Volume 4	Appendix 3.2: Construction Code of Practice	LCC_RVBC-BO-TA-003-002
Volume 4	Appendix 4.1: Consultation Schedule	LCC_RVBC-BO-TA-004-001
Volume 4	Appendix 5.1: Planning Policy Reference Document	LCC_RVBC-BO-TA-005-001
Volume 4	Appendix 6.1: Landscape and Visual Impact Assessment Methodology, Zone of Theoretical Visibility Methodology and Photomontage Methodology	LCC_RVBC-BO-TA-006-001
Volume 4	Appendix 6.2: Landscape Character Baseline	LCC_RVBC-BO-TA-006-002
Volume 4	Appendix 6.3: Landscape Sensitivity Schedule	LCC_RVBC-BO-TA-006-003
Volume 4	Appendix 6.4: Schedule of Landscape Effects	LCC_RVBC-BO-TA-006-004
Volume 4	Appendix 6.5: Schedule of Visual Effects	LCC_RVBC-BO-TA-006-005
Volume 4	Appendix 6.6: Arboricultural Impact Assessment	LCC_RVBC-BO-TA-006-007
Volume 4	Appendix 7.1: Water Framework Directive Assessment	LCC_RVBC-BO-TA-007-001
Volume 4	Appendix 7.2: GWDTE Assessment	LCC_RVBC-BO-TA-007-002
Volume 4	Appendix 7.3: Geomorphology Proformas	LCC_RVBC-BO-TA-007-003
Volume 4	Appendix 7.4: Water Quality Baseline Information	LCC_RVBC-BO-TA-007-004
Volume 4	Appendix 7.5: Long section extracts from Martin Preene Report	LCC_RVBC-BO-TA-007-005
Volume 4	Appendix 7.6: Earthworks Dewatering and Groundwater Flow Disruption	LCC_RVBC-BO-TA-007-006
Volume 4	Appendix 7.7: Shaft Dewatering Calculation	LCC_RVBC-BO-TA-007-007
Volume 4	Appendix 8.1: Flood Risk Assessment (Part 1 of 2)	LCC_RVBC-BO-TA-008-001_prt1
Volume 4	Appendix 8.1: Flood Risk Assessment (Part 2 of 2)	LCC_RVBC-BO-TA-008-001_prt2
Volume 4	Appendix 9A.1: Desk Based Assessment	LCC_RVBC-BO-TA-009-01-01
Volume 4	Appendix 9A.2: Phase 1 Habitat Appendix	LCC_RVBC-BO-TA-009-01-02
Volume 4	Appendix 9A.3 Hedgerow Assessment	LCC_RVBC-BO-TA-009-01-03

Volume	Document Title	Document Reference
Volume 4	Appendix 9A.4: National Vegetation Classification Surveys	LCC_RVBC-BO-TA-009-01-04
Volume 4	Appendix 9A.5: Bats Survey	LCC_RVBC-BO-TA-009-01-05
Volume 4	Appendix 9A.6: Birds Surveys	LCC_RVBC-BO-TA-009-01-06
Volume 4	Appendix 9A.7: Amphibian Surveys	LCC_RVBC-BO-TA-009-01-07
Volume 4	Appendix 9B.1: Aquatic Ecology Baseline	LCC_RVBC-BO-TA-009-02-01
Volume 4	Appendix 9B.2: Otter Baseline	LCC_RVBC-BO-TA-009-02-02
Volume 4	Appendix 9B.3: Water Vole Baseline	LCC_RVBC-BO-TA-009-02-03
Volume 4	Appendix 10.1: Cultural Heritage Desk Based Survey	LCC_RVBC-BO-TA-010-001
Volume 4	Appendix 10.2: Cultural Heritage Gazetteer	LCC_RVBC-BO-TA-010-002
Volume 4	Appendix 10.3: Geophysical Survey Report of Proposed Newton-in-Bowland Compound Haweswater Aqueduct Resilience Programme – Proposed Bowland Section	LCC_RVBC-BO-TA-010-003
Volume 4	Appendix 10.3: Geophysical Survey Report of Proposed Lower Houses Compound Haweswater Aqueduct Resilience Programme – Proposed Bowland Section	LCC_RVBC-BO-TA-010-004
Volume 4	Appendix 11.1: United Utilities Geotechnical and Geo-environmental Desk Study TR3	LCC_RVBC-BO-TA-011-001
Volume 4	Appendix 11.2: Soils, Geology & Land Quality Baseline	LCC_RVBC-BO-TA-011-002
Volume 4	Appendix 13.1: Public Access & Recreation Baseline	LCC_RVBC-BO-TA-013-001
Volume 4	Appendix 14.1: Health Assessment	LCC_RVBC-BO-TA-014-001
Volume 4	Appendix 16.1: Transport Assessment	LCC_RVBC-BO-TA-016-001
Volume 4	Appendix 17.1: Legislation, Policy & Guidance Summary	LCC_RVBC-BO-TA-017-001
Volume 4	Appendix 17.2: Construction Assessment Approach & Scenarios	LCC_RVBC-BO-TA-017-002
Volume 4	Appendix 17.3: Baseline Sound Levels Review Report	LCC_RVBC-BO-TA-017-003
Volume 4	Appendix 17.4: Construction Vibration and Blasting	LCC_RVBC-BO-TA-017-004
Volume 4	Appendix 18.1: Dispersion Model Input Parameters	LCC_RVBC-BO-TA-018-001
Volume 4	Appendix 18.2: Dispersion Model Results	LCC_RVBC-BO-TA-018-001
Volume 4	Appendix 20.1: Schedule of Mitigation	LCC_RVBC-BO-TA-020-001
Volume 4	Appendix 20.2: Planting Proposals	LCC_RVBC-BO-TA-020-002
Volume 5	Newton-in-Bowland and Marl Hill Compounds Highways Works Part I: Environmental Assessment (excluding Ecology)	RVBC-BO-ES-V5-P1-001
Volume 5	Newton-in-Bowland and Marl Hill Compounds Highways Works Master Plan	RVBC-BO-FIG-V5-P1-001
Volume 5	Newton-in-Bowland and Marl Hill Compounds Highways Works Environmental Assessment Figures	RVBC-BO-FIG-V5-P1-002

Volume	Document Title	Document Reference
Volume 5	Off-Site Highways Works Part II: Ecology Assessment	LCC_RVBC-BO-ES-V5-P2-001.02
Volume 5	Off-Site Highways Works Ecology Figure 1: Ecological Statutory Designations within 5km	LCC_RVBC-BO-FIG-V5-P2-02.01
Volume 5	Off-Site Highways Works Ecology Figure 2: Ecological Non-Statutory Designations within 2km	LCC_RVBC-BO-FIG-V5-P2-02.02
Volume 5	Off-Site Highways Works Ecology Figure 3: Priority Habitats and Ancient Woodland within 1km	LCC_RVBC-BO-FIG-V5-P2-02.03
Volume 5	Off-Site Highways Works Ecology Figure 4: Species Desktop Records	LCC_RVBC-BO-FIG-V5-P2-02.04
Volume 5	Off-Site Highways Works Ecology Figure 5: Phase 1 Habitat Survey	LCC_RVBC-BO-FIG-V5-P2-02.05
Volume 5	Off-Site Highways Works Appendix 1: Citations for Wildlife Designations	LCC_RVBC-BO-TA-V5-P2-02
Volume 6	Chapter 1: Introduction	LCC_RVBC-BO-RC-ES-001
Volume 6	Chapter 2: Environmental Context	LCC_RVBC-BO-RC-ES-002
Volume 6	Chapter 3: Design Evolution & Scheme Description	LCC_RVBC-BO-RC-ES-003
Volume 6	Chapter 4: EIA Methodology	LCC_RVBC-BO-RC-ES-004
Volume 6	Chapter 5: Planning Policy & Context	LCC_RVBC-BO-RC-ES-005
Volume 6	Chapter 6: Landscape & Arboriculture	LCC_RVBC-BO-RC-ES-006
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