



**Haweswater Aqueduct Resilience Programme - Proposed Bowland  
Section**

**Environmental Statement**

**Volume 4**

**Appendix 6.3: Landscape Sensitivity Schedule**

June 2021



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## Haweswater Aqueduct Resilience Programme - Proposed Bowland Section

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## Contents

<b>1.</b>	<b>Landscape Sensitivity Schedule .....</b>	<b>1</b>
1.1	A Landscape Strategy for Lancashire.....	1
1.2	Forest of Bowland AONB Landscape Character Assessment.....	7

# 1. Landscape Sensitivity Schedule

## 1.1 A Landscape Strategy for Lancashire

Table 1.1: Evaluation of Landscape Sensitivity

Landscape Receptor	Value	Susceptibility	Sensitivity	Justification
1b. High Bowland Plateaux LCA	High	High	High	<ul style="list-style-type: none"> <li>▪ Fully located within the highly valued and nationally recognised Forest of Bowland AONB</li> <li>▪ Distinctive landscape that is unlikely to readily accommodate the type of change resulting from the project without undue harm</li> <li>▪ Strong intervisibility with adjacent landscapes with uninterrupted views across vast areas of surrounding countryside. High visual susceptibility to large-scale development</li> <li>▪ Strong sense of openness, remoteness and wildness would be highly susceptible to development</li> <li>▪ Numerous distinctive landscape features (e.g. terraces and gritstone edges and mosaic of upland habitats) would be difficult to replace if affected</li> <li>▪ Strong recreational and ecological value, with internationally and nationally important habitats, and some potential for archaeological material</li> <li>▪ Limited evidence of human activity and discordant features makes the landscape less accommodating of development.</li> </ul>

Landscape Receptor	Value	Susceptibility	Sensitivity	Justification
2b. Central Bowland Fells LCA	High	High	High	<ul style="list-style-type: none"> <li>▪ Fully located within the highly valued and nationally recognised Forest of Bowland AONB</li> <li>▪ Distinctive landscape that is unlikely to readily accommodate the type of change resulting from the project without undue harm</li> <li>▪ Strong intervisibility with adjacent landscapes with spectacular views from the edges of fells. High visual susceptibility to large-scale development</li> <li>▪ Strong sense of openness, remoteness and wildness would be highly susceptible to development</li> <li>▪ Strong cultural and historic value with some popular recreational spots (e.g. Trough of Bowland)</li> <li>▪ Few intrusive elements, although a wind farm and conifer plantations are present.</li> </ul>
2d. Waddington Fell LCA	High	High	High	<ul style="list-style-type: none"> <li>▪ Fully located within the highly valued and nationally recognised Forest of Bowland AONB</li> <li>▪ Distinctive landscape that is unlikely to readily accommodate the type of change resulting from the project without undue harm</li> <li>▪ Strong intervisibility with adjacent landscapes, often forming a significant backdrop to adjacent areas, and magnificent outward views. High visual susceptibility to large-scale development</li> <li>▪ Strong sense of openness and remoteness would be highly susceptible to development</li> <li>▪ Some distinctive landscape features (e.g. upland heath, acid grassland and blanket bog) provide an important ecological value and would be difficult to replace if affected</li> <li>▪ Lower sense of tranquillity due to the two passes over the fells</li> <li>▪ Waddington Fell Quarry and communications mast are discordant features.</li> </ul>

Landscape Receptor	Value	Susceptibility	Sensitivity	Justification
4d. Bowland Gritstone Fringes LCA	High	High	High	<ul style="list-style-type: none"> <li>▪ Fully located within the highly valued and nationally recognised Forest of Bowland AONB</li> <li>▪ Distinctive landscape that is unlikely to readily accommodate the type of change resulting from the project without undue harm</li> <li>▪ Strong intervisibility with adjacent landscapes, often forming a lower visual backdrop to adjacent areas, although it does not form the skyline. Vertical components could be silhouetted against the moorland skyline</li> <li>▪ Elevated and often long-distance views from lay-bys and viewpoints would have a higher visual susceptibility to large-scale development</li> <li>▪ Strong sense of openness, remoteness and tranquillity would be highly susceptible to development</li> <li>▪ Predominately well-maintained condition with few discordant features makes the landscape less accommodating of development.</li> </ul>
4e. Bowland Limestone Fringes LCA	High	High	High	<ul style="list-style-type: none"> <li>▪ Fully located within the highly valued and nationally recognised Forest of Bowland AONB</li> <li>▪ Distinctive landscape that is unlikely to readily accommodate the type of change resulting from the project without undue harm</li> <li>▪ Strong intervisibility with adjacent landscapes, often forming a lower visual backdrop to adjacent areas, although it does not form the skyline. Vertical components could be silhouetted against the moorland skyline</li> <li>▪ Elevated and often long-distance views from lay-bys and viewpoints would have a higher visual susceptibility to large-scale development</li> <li>▪ Strong sense of openness, remoteness and tranquillity would be highly susceptible to development</li> <li>▪ Predominately well-maintained condition with few discordant features makes the landscape less accommodating of development..</li> </ul>

Landscape Receptor	Value	Susceptibility	Sensitivity	Justification
5a. Upper Hodder Valley LCA	High	High	High	<ul style="list-style-type: none"> <li>▪ Fully located within the highly valued and nationally recognised Forest of Bowland AONB</li> <li>▪ Distinctive landscape that is unlikely to readily accommodate the type of change resulting from the project without undue harm</li> <li>▪ Some intervisibility with surrounding landscapes, although woodland and hedgerows limit views in places. Moderate visual susceptibility to large-scale development</li> <li>▪ Several distinctive landscape features (e.g. country houses and estates, woodland and reef knolls) would be difficult to replace if affected</li> <li>▪ Strong sense of settled remoteness and scenic attractiveness that would be highly susceptible to development.</li> </ul>
5j. North Bowland Fringes LCA	High	Medium	High	<ul style="list-style-type: none"> <li>▪ Predominately located within the highly valued and nationally recognised Forest of Bowland AONB</li> <li>▪ Distinctive landscape but has some ability to accommodate the types of change resulting from the project with limited harm</li> <li>▪ Strong intervisibility with adjacent landscapes, although woodland and undulating landform limit views in places. Moderate visual susceptibility to large-scale development</li> <li>▪ Network of minor roads reduces levels of tranquillity and remoteness. Lower susceptibility to development</li> <li>▪ Some distinctive landscape features (e.g. traditional stone farmhouses, woodland) would be difficult to replace if affected</li> <li>▪ Scenic attractiveness that would be highly susceptible to development.</li> </ul>

Landscape Receptor	Value	Susceptibility	Sensitivity	Justification
10b. North Bowland Valleys LCA	High	High	High	<ul style="list-style-type: none"> <li>▪ Fully located within the highly valued and nationally recognised Forest of Bowland AONB</li> <li>▪ Distinctive landscape that is unlikely to readily accommodate the type of change resulting from the project without undue harm</li> <li>▪ Variable sense of enclosure and moderate intervisibility with adjacent landscapes. Moderate visual susceptibility to large-scale development</li> <li>▪ Strong sense of tranquillity, remoteness and attractiveness would be highly susceptible to development</li> <li>▪ High ecological sensitivity provided by a diverse patchwork of woodland (some of which is ancient woodland), herb-rich meadows and pastures, incised wooded cloughs and river corridor habitats</li> <li>▪ Numerous distinctive landscape features (e.g. ancient woodland, semi-natural oak woodland, waterfalls, historic mills, stone bridges, reservoirs) provide cultural, historic, ecological and recreational value and would be difficult to replace if affected</li> <li>▪ Predominately well-maintained condition with few discordant features makes the landscape less accommodating of development.</li> </ul>



Landscape Receptor	Value	Susceptibility	Sensitivity	Justification
13b. Slaidburn-Clapham LCA	High	High	High	<ul style="list-style-type: none"> <li>▪ Partially located within the highly valued and nationally recognised Forest of Bowland AONB</li> <li>▪ Distinctive landscape that is unlikely to readily accommodate the type of change resulting from the project without undue harm</li> <li>▪ Some intervisibility with adjacent landscapes, although woodland and regular hillocks limit views in places. Not a prominent landscape backdrop, but it does provide a backdrop for adjacent areas within the valley. Moderate visual susceptibility to large-scale development</li> <li>▪ Strong sense of attractiveness that would be highly susceptible to development</li> <li>▪ Several distinctive landscape features (e.g. rounded drumlins, solid rock outcrops, river corridors, mixed woodland, designed parkland) would be difficult to replace</li> <li>▪ Distinctive field pattern of stone walls and clipped hedgerows would be less accommodating of change</li> <li>▪ Well-maintained landscape with some recreational and cultural value</li> <li>▪ A687 and A65 are discordant features.</li> </ul>
14a. Slaidburn-Giggleswick LCA	High	High	High	<ul style="list-style-type: none"> <li>▪ Partially located within the highly valued and nationally recognised Forest of Bowland AONB</li> <li>▪ Distinctive landscape that is unlikely to readily accommodate the type of change resulting from the project without undue harm</li> <li>▪ Strong intervisibility with adjacent landscapes that often form a striking backdrop to outward views. High visual susceptibility to large-scale development</li> <li>▪ Some distinctive landscape features (e.g. limestone knolls, stone farmhouses and beech stands) provide local landmarks and would be difficult to replace</li> <li>▪ Distinctive field pattern of intact, dry stone walls would be less accommodating of change</li> <li>▪ Strong sense of remoteness, openness and tranquillity that would be highly susceptible to development</li> <li>▪ Moderate ecological sensitivity through the presence of trees, pockets of ancient woodland and intensive farming</li> <li>▪ Coniferous plantation and wind turbines are discordant feature.</li> </ul>

## 1.2 Forest of Bowland AONB Landscape Character Assessment

Table 6.2: Evaluation of Landscape Sensitivity

Landscape Receptor	Value	Susceptibility	Sensitivity	Justification
B7. Langdon LCA	High	High	High	<ul style="list-style-type: none"> <li>Fully located within the highly valued and nationally recognised Forest of Bowland AONB</li> <li>Distinctive landscape that is unlikely to readily accommodate the type of change resulting from the project without undue harm</li> <li>Strong intervisibility with adjacent landscapes that often form a striking backdrop. High visual susceptibility to large-scale development</li> <li>Strong sense of remoteness, tranquillity and openness would be highly susceptible to development.</li> </ul>
B8. Crossdale to Lythe LCA	High	High	High	<ul style="list-style-type: none"> <li>Fully located within the highly valued and nationally recognised Forest of Bowland AONB</li> <li>Distinctive landscape that is unlikely to readily accommodate the type of change resulting from the project without undue harm</li> <li>Strong intervisibility with adjacent landscapes that often form a striking backdrop. High visual susceptibility to large-scale development</li> <li>Strong sense of remoteness, tranquillity and openness would be highly susceptible to development.</li> </ul>
B9. Goodber Common LCA	High	High	High	<ul style="list-style-type: none"> <li>Fully located within the highly valued and nationally recognised Forest of Bowland AONB</li> <li>Distinctive landscape that is unlikely to readily accommodate the type of change resulting from the project without undue harm</li> <li>Strong intervisibility with adjacent landscapes that often form a striking backdrop. High visual susceptibility to large-scale development</li> <li>Strong sense of remoteness, tranquillity and openness would be highly susceptible to development</li> <li>Distinctive traditional field pattern would be less accommodating of change.</li> </ul>

Landscape Receptor	Value	Susceptibility	Sensitivity	Justification
C3. Easington LCA	High	High	High	<ul style="list-style-type: none"> <li>Fully located within the highly valued and nationally recognised Forest of Bowland AONB</li> <li>Distinctive landscape that is unlikely to readily accommodate the type of change resulting from the project without undue harm</li> <li>Strong intervisibility with adjacent landscapes that often form a striking backdrop. High visual susceptibility to large-scale development</li> <li>Strong sense of remoteness, tranquillity and openness would be highly susceptible to development.</li> </ul>
C9. Newton and Birket LCA	High	High	High	<ul style="list-style-type: none"> <li>Fully located within the highly valued and nationally recognised Forest of Bowland AONB</li> <li>Distinctive landscape that is unlikely to readily accommodate the type of change resulting from the project without undue harm</li> <li>Strong intervisibility with adjacent landscapes that often form a striking backdrop. High visual susceptibility to large-scale development</li> <li>Strong sense of remoteness, tranquillity and openness would be highly susceptible to development</li> <li>Evidence of sandstone quarrying and mining (e.g. Waddington Fell Quarry) would be more accommodating of development.</li> </ul>
D2. Tatham LCA	High	Medium	High	<ul style="list-style-type: none"> <li>Fully located within the highly valued and nationally recognised Forest of Bowland AONB</li> <li>Distinctive landscape but has some ability to accommodate the types of change resulting from the project with limited harm</li> <li>Strong intervisibility with adjacent landscapes that would be highly susceptible to large-scale development</li> <li>Network of minor roads reduces levels of tranquillity and remoteness. Lower susceptibility to development</li> <li>Some landscape features (e.g. traditional stone field barns) would be difficult to replace if affected</li> <li>Moderate ecological condition – some ecological habitats have been depleted in places due to agricultural improvement.</li> </ul>

Landscape Receptor	Value	Susceptibility	Sensitivity	Justification
D5. Beatrix to Collyholme LCA	High	Medium	High	<ul style="list-style-type: none"> <li>▪ Fully located within the highly valued and nationally recognised Forest of Bowland AONB</li> <li>▪ Distinctive landscape but has some ability to accommodate the types of change resulting from the project with limited harm</li> <li>▪ Some intervisibility with adjacent landscapes, although woodland and hedgerows limit views in places. Moderate visual susceptibility to large-scale development</li> <li>▪ Some distinctive landscape features (e.g. semi-natural wooded cloughs and rocky outcrop of Knot or Sugar Loaf disused quarry) would be difficult to replace if affected</li> <li>▪ Strong evidence of land management, farming and settlement would be more accommodating of development.</li> </ul>
D13. Park House LCA	High	High	High	<ul style="list-style-type: none"> <li>▪ Fully located within the highly valued and nationally recognised Forest of Bowland AONB</li> <li>▪ Distinctive landscape that is unlikely to readily accommodate the type of change resulting from the project without undue harm</li> <li>▪ Strong intervisibility with adjacent landscapes that would be highly susceptible to large-scale development</li> <li>▪ Highly visible cultural and historic features such traditional farmsteads, packhorse ways and parish boundary markers</li> <li>▪ Some landscape features (e.g. semi-natural wooded cloughs) would be difficult to replace if affected</li> <li>▪ Moderate ecological condition – some ecological habitats have been depleted in places due to agricultural improvement</li> <li>▪ Strong evidence of land management, farming and settlement would be more accommodating of development.</li> </ul>

Landscape Receptor	Value	Susceptibility	Sensitivity	Justification
E3. Forest of Mewith LCA	High	High	High	<ul style="list-style-type: none"> <li>▪ Fully located within the highly valued and nationally recognised Forest of Bowland AONB</li> <li>▪ Distinctive landscape that is unlikely to readily accommodate the type of change resulting from the project without undue harm</li> <li>▪ Strong intervisibility with adjacent landscapes, although woodland and undulating landform limit views in places. Framed and dramatic views would have a high visual susceptibility to large-scale development</li> <li>▪ Some distinctive landscape features (e.g. stone walls, streams and deciduous trees) would be difficult to replace if affected</li> <li>▪ Generally well-managed and intact landscape. Scenic attractiveness that would be highly susceptible to development</li> <li>▪ Rural area with a moderate sense of remoteness. Network of minor roads and scattered development reduces levels of tranquillity and remoteness. Moderate susceptibility to development.</li> </ul>
G3. Upper Hodder LCA	High	Medium	High	<ul style="list-style-type: none"> <li>▪ Fully located within the highly valued and nationally recognised Forest of Bowland AONB</li> <li>▪ Distinctive landscape but has some ability to accommodate the types of change resulting from the project with limited harm</li> <li>▪ Some intervisibility with surrounding landscapes, although woodland and hedgerows limit views in places. Moderate visual susceptibility to large-scale development</li> <li>▪ Parkland features and country houses represent highly valued historic and cultural features that would be highly susceptible to loss or changes to their setting if affected</li> <li>▪ Landscape features such as hedges, hedgerow trees, mature woodland and stream corridors provide nature conservation value that would be moderately susceptible to the nature of the proposed development</li> <li>▪ Strong evidence of land management, farming and settlement would be more accommodating of development.</li> </ul>

Landscape Receptor	Value	Susceptibility	Sensitivity	Justification
I2. Roeburndale LCA	High	High	High	<ul style="list-style-type: none"> <li>▪ Fully located within the highly valued and nationally recognised Forest of Bowland AONB</li> <li>▪ Distinctive landscape that is unlikely to readily accommodate the type of change resulting from the project without undue harm</li> <li>▪ Variable sense of enclosure and moderate intervisibility with adjacent landscapes. Moderate visual susceptibility to large-scale development</li> <li>▪ Sense of tranquillity and remoteness would be highly susceptible to development</li> <li>▪ Distinctive traditional field pattern would be less accommodating of change</li> <li>▪ High ecological sensitivity provided by a diverse patchwork of woodland (some of which is ancient woodland) and river corridor habitats</li> <li>▪ Well-maintained hedgerows, dry stone walls, stone bridges and remnants of historic mills provide a predominately intact landscape.</li> </ul>
I3. Hindburndale LCA	High	High	High	<ul style="list-style-type: none"> <li>▪ Fully located within the highly valued and nationally recognised Forest of Bowland AONB</li> <li>▪ Distinctive landscape that is unlikely to readily accommodate the type of change resulting from the project without undue harm</li> <li>▪ Variable sense of enclosure and moderate intervisibility with adjacent landscapes. Moderate visual susceptibility to large-scale development</li> <li>▪ Sense of tranquillity and remoteness would be highly susceptible to development</li> <li>▪ Distinctive traditional field pattern would be less accommodating of change</li> <li>▪ High ecological sensitivity provided by a diverse patchwork of woodland (some of which is ancient woodland) and river corridor habitats</li> <li>▪ Well-maintained hedgerows, dry stone walls, stone bridges and remnants of historic mills provide a predominately intact landscape.</li> </ul>

Landscape Receptor	Value	Susceptibility	Sensitivity	Justification
K2. Lower Tatham LCA	High	High	High	<ul style="list-style-type: none"> <li>▪ Fully located within the highly valued and nationally recognised Forest of Bowland AONB</li> <li>▪ Distinctive landscape that is unlikely to readily accommodate the type of change resulting from the project without undue harm</li> <li>▪ Some intervisibility with adjacent landscapes, although woodland and regular hillocks limit views in places. Framed and dramatic views would have a high visual susceptibility to large-scale development</li> <li>▪ Strong sense of openness and attractiveness that would be highly susceptible to development</li> <li>▪ Several distinctive landscape features (e.g. rounded drumlins, mixed ancient woodland, stone farmsteads) would be difficult to replace</li> <li>▪ Predominately well-maintained and intact landscape; occasional evidence of gappy hedges and stone walls in places</li> <li>▪ Distinctive field pattern of stone walls and clipped hedgerows would be less accommodating of change</li> <li>▪ Moderate ecological and cultural and heritage value.</li> </ul>