

RVBC-P&R-APP-RP-007 HARP P&R/HGV Area Statutory BNG Metric

Note: This BNG Metric calculation shows what are referred to as 'error' bars within the excel spreadsheet. These 'errors' show that the 'total net gain is less than the target set' (10%), and 10% BNG cannot be achieved within the planning application area and additional mitigation is required. It should be noted that United Utilities is committed in this submission to a 10% BNG on the Alternative Facility. Since United Utilities does not own the land, the company cannot commit to habitat creation and the associated 30-year management plan on site. However, all habitats would be reinstated back to pre-commencement condition as a minimum and BNG delivery would be achieved through purchasing offsite units. Therefore, the BNG excel spreadsheet should be viewed with this in mind.

The Statutory Biodiversity Metric

Start page

Project details			
Planning authority:	Ribble Valley Borough Council		
Project name:	Habitat Resilience Programme - Bowland and Mari Hill Sections: Alternative Temporary Park and Ride and H&M		
Applicant:	United Utilities		
Application type:			
Planning application reference:			
Completed by:	Confidential		
Date of metric completion:	25 February 2025		
Reviewer:			
Calculation iteration:			
Planning authority reviewer:			
Date of planning authority review:			
Target % net gain:	10%		
Irreplaceable habitat present at baseline:	No ✓		
Total site area - including irreplaceable habitat area (hectares):	3.79	Irreplaceable habitat site area (hectares):	0.00
Total off-site area - including irreplaceable habitat area (hectares):	N/A	Irreplaceable habitat area off-site (hectares):	N/A

Cell style conventions	
⚠	Attention required
▲	Input error/rules and principles not met
	Use of this cell is not appropriate
	Enter data
	Automatic lookup
	Result

On-site baseline map

Insert

On-site post intervention map

Insert

On-site baseline map reference number

Off-site baseline map

Insert

On-site post-intervention map reference number

Off-site post intervention map

Insert

Off-site baseline map reference number

Off-site post-intervention reference number

Main menu

Results

View all

Reset view

Key

-  Area habitats
-  Hedgerows and lines of trees
-  Watercourses

The Statutory Biodiversity Metric Main menu

Start page

Technical data

Results

Tree helper						
Tree size	Number of trees and area (ha) for each condition state					
	Poor	Area	Moderate	Area	Good	Area
Small		0.0000	11	0.0448		0.0000
Medium		0.0000	1	0.0163	2	0.0326
Large		0.0000		0.0000	1	0.0366
Very large		0.0000		0.0000		0.0000
Total	0	0.0000	12	0.0611	3	0.0692

Start here

1

2

3

4

On-site
baseline

A-1 On-site
Area Habitat
Baseline



B-1
On-site Hedge
Baseline



C-1
On-site
Watercourse
Baseline



On-site post development

A-2 On-site Area
Habitat Creation



A-3 On-site Area
Habitat
Enhancement



B-2 On-site
Hedge Creation



B-3 On-site Hedge
Enhancement



C-2 On-site
Watercourse
Creation



C-3 On-site
Watercourse
Enhancement



Off-site
baseline

D-1
Off-site
Area Habitat Baseline



E-1
Off-site Hedge
Baseline



F-1
Off-site Watercourse
Baseline



Off-site post development

D-2 Off-site Area
Habitat Creation



D-3 Off-site Area Habitat
Enhancement



E-2 Off-site Hedge
Creation



E-3 Off-site Hedge
Enhancement



F-2 Off-site
Watercourse
Creation



F-3 Off-site Watercourse
Enhancement



The Statutory Biodiversity Metric Results

[Return to start
page](#)

[Headline results](#)

[Detailed results](#)

[Habitat trading
summaries](#)

[Off-site
summary](#)

[Irreplaceable
habitats summary](#)

[Unit shortfall
summary](#)

Haweswater Aqueduct Resilience Programme - Bc

Headline Results

Scroll down for final results ▲

Return to results menu

On-site baseline	Habitat units	29.98		
	Hedgerow units	2.99		
	Watercourse units	0.33		
On-site post-intervention (Including habitat retention, creation & enhancement)	Habitat units	18.05		
	Hedgerow units	3.18		
	Watercourse units	0.23		
On-site net change (units & percentage)	Habitat units	-11.93	-39.80%	On-site net gain is less than target set ▲
	Hedgerow units	0.19	6.23%	On-site net gain is less than target set ▲
	Watercourse units	-0.10	-30.40%	On-site net gain is less than target set ▲

Off-site baseline	Habitat units	0.00		
	Hedgerow units	0.00		
	Watercourse units	0.00		
Off-site post-intervention (Including habitat retention, creation & enhancement)	Habitat units	0.00		
	Hedgerow units	0.00		
	Watercourse units	0.00		
Off-site net change (units & percentage)	Habitat units	0.00	0.00%	
	Hedgerow units	0.00	0.00%	
	Watercourse units	0.00	0.00%	

Combined net unit change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	-11.93		
	Hedgerow units	0.19		
	Watercourse units	-0.10		
Spatial risk multiplier (SRM) deductions	Habitat units	0.00		
	Hedgerow units	0.00		
	Watercourse units	0.00		

FINAL RESULTS

Total net unit change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	-11.93		
	Hedgerow units	0.19		
	Watercourse units	-0.10		
Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	-39.80%	Total net gain achieved is less than target set ▲	
	Hedgerow units	6.23%	Total net gain achieved is less than target set ▲	
	Watercourse units	-30.40%	Total net gain achieved is less than target set ▲	
Trading rules satisfied?	No - Check Trading Summaries ▲			

Unit Type	Target	Baseline Units	Units Required	Unit Deficit
Habitat units	10.00%	29.98	32.97	14.93
Hedgerow units	10.00%	2.99	3.29	0.11
Watercourse units	10.00%	0.33	0.36	0.13

Input errors/rule breaks present in metric ▲

Summary Figures

Net project biodiversity units (Summing all on-site & off-site habitat elements / resources)	Habitat units (Biodiversity units)	-17.88
Total project biodiversity % change (Summing all on-site & off-site habitat elements / resources)	Habitat units (Biodiversity units)	-8.80%
	Enhancement units (Biodiversity units)	8.80%
	Disturbance units (Biodiversity units)	-22.40%

Combined habitat retention and enhancement

	Baseline	Retention	Enhancement
Total on-site and off-site baseline area / growth	10000	0.00	0.00
Total on-site and off-site baseline area / loss	0.00	0.00	0.00
Total on-site and off-site baseline area / disturbance	0.00	0.00	0.00
Total on-site and off-site baseline area / enhancement	0.00	0.00	0.00
Total on-site and off-site area / habitat retained for enhancement	0.00	0.00	0.00
Total on-site and off-site baseline area / disturbance	0.00	0.00	0.00
Total on-site and off-site baseline area / enhancement	0.00	0.00	0.00

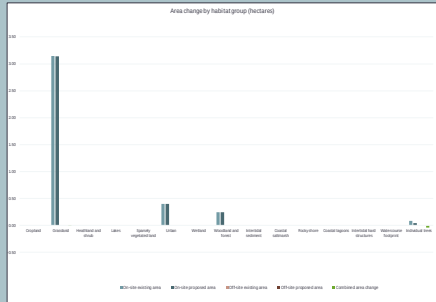
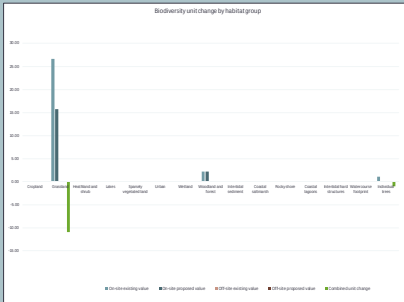
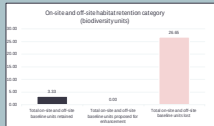
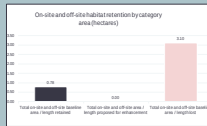
Area habitats

On-site change by broad habitat type	Baseline	Post-development on-site	On-site change
Habitat group	On-site baseline area	On-site proposed area	On-site net change
Grassland	10000	10000	0.00
Woodland	10000	10000	0.00
Watercourse	10000	10000	0.00
Other	10000	10000	0.00

Off-site change by broad habitat type	Baseline	Post-development off-site	Off-site change
Habitat group	Off-site baseline area	Off-site proposed area	Off-site net change
Grassland	10000	10000	0.00
Woodland	10000	10000	0.00
Watercourse	10000	10000	0.00
Other	10000	10000	0.00

Combined on-site and off-site change by broad habitat type	Baseline	Combined on-site and off-site proposed	Combined on-site and off-site change
Habitat group	Combined baseline area	Combined proposed area	Combined net change
Grassland	10000	10000	0.00
Woodland	10000	10000	0.00
Watercourse	10000	10000	0.00
Other	10000	10000	0.00

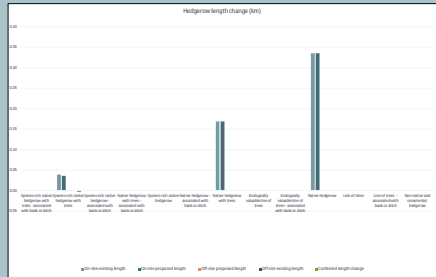
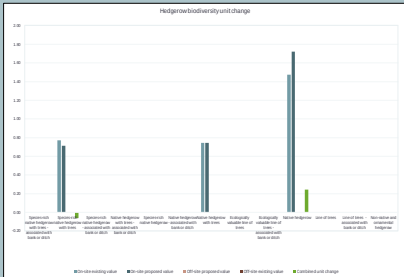
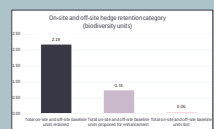
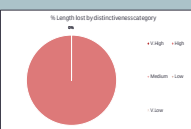
Combined area lost from baseline(s) by distinctiveness band		
Category	Area lost (hectares)	Area lost (%)
V High	0	
High	0	
Medium	0.1019	100
Low	0	
V Low	0	



Hedges and lines of trees

On-site change by hedgerow type	Baseline	Post-development on-site	On-site change
Hedgerow type	On-site baseline length	On-site proposed length	On-site net change
Grassland	10000	10000	0.00
Woodland	10000	10000	0.00
Watercourse	10000	10000	0.00
Other	10000	10000	0.00

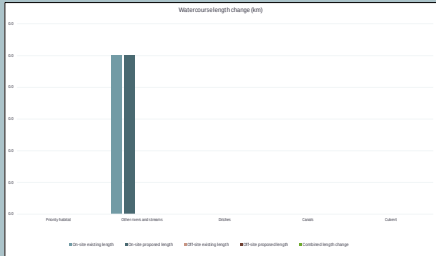
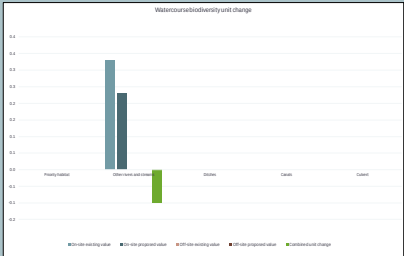
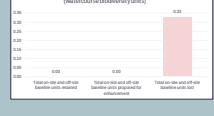
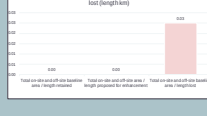
Combined length lost from baseline(s) by disturbance head		
Category	Length lost (km)	Length lost (%)
Very High	0	
High	0.00	0.00
Medium	0	
Low	0	
Very Low	0	



Watercourse

On-site change by watercourse type	Baseline	Post-development on-site	On-site change
Watercourse type	On-site baseline length	On-site proposed length	On-site net change
Grassland	10000	10000	0.00
Woodland	10000	10000	0.00
Watercourse	10000	10000	0.00
Other	10000	10000	0.00

Combined length lost from baseline(s) by distinctiveness band		
Category	Length lost (km)	Length lost (%)
Very High	0	
High	0.009	100
Medium	0	
Low	0	



Trading
summary
watercourse

Very High Distinctiveness					
Habitat group	Group	On-site unit change	Off-site unit change	Project-wide unit change	Unit losses
Grassland - Lowland dry acid grassland	Grassland	0.00	0.00	0.00	
Grassland - Lowland meadows	Grassland	0.00	0.00	0.00	
Grassland - Distinct hay meadows	Grassland	0.00	0.00	0.00	
Heathland and scrub - Moorland heath and yellow scrub	Heathland and scrub	0.00	0.00	0.00	
Lakes - Artificial but currently functioning water bodies	Lakes	0.00	0.00	0.00	
Scrubby vegetated land - Submontane grasslands	Scrubby vegetated land	0.00	0.00	0.00	
Scrubby vegetated land - Submontane grasslands	Scrubby vegetated land	0.00	0.00	0.00	
Wetland - Broadleaf bog	Wetland	0.00	0.00	0.00	
Wetland - Exposed peat over subsoil (H115)	Wetland	0.00	0.00	0.00	
Wetland - Fens, bog and lowland	Wetland	0.00	0.00	0.00	
Wetland - Lowland raised bog	Wetland	0.00	0.00	0.00	
Wetland - Lowland raised bog	Wetland	0.00	0.00	0.00	
Wetland - Lowland raised bog (D2.1)	Wetland	0.00	0.00	0.00	
Wetland - Purple moor or wet heath patches	Wetland	0.00	0.00	0.00	
Wetland - Transition mire and quaking bog (H1149)	Wetland	0.00	0.00	0.00	
Woodland and trees - Woodpasture and parkland	Woodland and forest	0.00	0.00	0.00	
Rocky shore - High energy time or rock - on peak, day or chalk	Rocky shore	0.00	0.00	0.00	
Rocky shore - Moderate energy littoral rock - on peak, day or chalk	Rocky shore	0.00	0.00	0.00	
Rocky shore - Low energy littoral rock - on peak, day or chalk	Rocky shore	0.00	0.00	0.00	
Rocky shore - Features of littoral rock - on peak, day or chalk	Rocky shore	0.00	0.00	0.00	
Intertidal sediment - Intertidal sediment	Intertidal sediment	0.00	0.00	0.00	0.00

High Distinctiveness Summary	
High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
Remaining losses; Like for like not satisfied	0.00

[illegible][illegible]

Low Distinctiveness Summary	
Low Distinctiveness net change in units	0.00
Consolidation proceeds of units	0.00

Return to results menu

Trading summary area habitats

Trading summary watercourses

Trading Summary		
Distinctiveness Group	Trading Rule	Trading Satisfied?
Very High	Same habitat required =	Yes ✓
High	Like for like or better	No ▲
Medium	Same distinctiveness or better habitat required	Yes ✓
Low	Same distinctiveness or better habitat required	Yes ✓
Very Low	Same distinctiveness or better habitat required	Yes ✓

Very High Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project-wide unit change
Species-rich native hedgerow with trees - associated with bank or ditch	0.00	0.00	0.00
	0.00	0.00	0.00

High Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Species-rich native hedgerow with trees	-0.06	0.00	-0.06 ▲
Species-rich native hedgerow - associated with bank or ditch	0.00	0.00	0.00
Native hedgerow with trees - associated with bank or ditch	0.00	0.00	0.00
	-0.06	0.00	-0.06

Medium Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Species-rich native hedgerow	0.00	0.00	0.00
Native hedgerow - associated with bank or ditch	0.00	0.00	0.00
Native hedgerow with trees	0.00	0.00	0.00
Ecologically valuable line of trees	0.00	0.00	0.00
Ecologically valuable line of trees - associated with bank or ditch	0.00	0.00	0.00
	0.00	0.00	0.00

Low Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Native hedgerow	0.25	0.00	0.25 ✓
Line of trees	0.00	0.00	0.00
Line of trees - associated with bank or ditch	0.00	0.00	0.00
	0.25	0.00	0.25

Very Low Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Non-native and ornamental hedgerow	0.00	0.00	0.00
	0.00	0.00	0.00

Very High Distinctiveness Summary	
Very High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
Remaining losses; Like for like not satisfied	0.00

High Distinctiveness Summary	
High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
High Distinctiveness losses to be offset by trading up	-0.06 ▲
Higher Distinctiveness surplus units minus any high distinctiveness deficit	-0.06 ▲

Medium Distinctiveness Summary	
Units available from higher distinctiveness habitats	0.00
Medium Distinctiveness net change in units	0.00
Cumulative availability of units	0.00

Low Distinctiveness Summary	
Low Distinctiveness net change in units	0.25 ✓
Cumulative availability of units	0.25 ✓

Very Low Distinctiveness Summary	
Very Low Distinctiveness net change in units	0.00
Cumulative availability of units	0.25 ✓

Return to results menu	Trading Summary			
Trading summary area habitats	Distinctiveness Group	Trading Rule		Trading Satisfied?
Trading summary hedgerows	Very High	Same habitat required - bespoke compensation option ▲		Yes ✓
	High	Same habitat required =		No ▲
	Medium	Same habitat required =		Yes ✓
	Low	Better distinctiveness habitat required		Yes ✓

Very High Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project-wide unit change
Priority habitat	0.00	0.00	0.00
	0.00	0.00	0.00

High Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project-wide unit change
Other rivers and streams	-0.10	0.00	-0.10 ▲
	-0.10	0.00	-0.10

Medium Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Ditches	0.00	0.00	0.00
Canals	0.00	0.00	0.00
	0.00	0.00	0.00

Low Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Culvert	0.00	0.00	0.00
	0.00	0.00	0.00

Very High Distinctiveness Summary	
Very High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
Remaining losses; Like for like not satisfied	0.00

High Distinctiveness Summary	
High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
Remaining losses; Like for like not satisfied	-0.10 ▲

Medium Distinctiveness Summary	
Medium Distinctiveness Units available to offset Lower Distinctiveness Deficit	0.00
Remaining losses; Like for like not satisfied	0.00

Low Distinctiveness Summary	
Low Distinctiveness net change in units	0.00
Cumulative availability of units	0.00

Project Name: Haweswater Aqueduct Resilience Programme – Bowland and Marl

A-1 On-Site Habitat Baseline

Condense / Show Columns

Condense / Show Rows

Main Menu

Area habitat summary	
Total Net Unit Change	-11.93
Total Net % Change	-39.80%
Trading Rules Satisfied	No - check trading summaries ▲

Existing area habitats					Distinctiveness		Condition		Strategic significance			Required Action to Meet Trading Rules	Ecological baseline	
Ref	Broad Habitat	Habitat Type	Irreplaceable habitat	Area (hectares)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier		Total habitat units	
1	Grassland	Other neutral grassland	No	1.23	Medium	4	Moderate	2	Formally identified in local strategy	High strategic significance	1.15	Same broad habitat or a higher distinctiveness habitat required (≥)	11.32	
2	Grassland	Other neutral grassland	No	1.92	Medium	4	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same broad habitat or a higher distinctiveness habitat required (≥)	15.36	
3	Woodland and forest	Other woodland; broadleaved	No	0.189	Medium	4	Moderate	2	Formally identified in local strategy	High strategic significance	1.15	Same broad habitat or a higher distinctiveness habitat required (≥)	1.74	
4	Woodland and forest	Other woodland; broadleaved	No	0.057	Medium	4	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same broad habitat or a higher distinctiveness habitat required (≥)	0.46	
5	Urban	Developed land, sealed surface	No	0.396	V.Low	0	N/A - Other	0	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Compensation Not Required	0.00	
6	Individual trees	Rural tree	No	0.0163	Medium	4	Moderate	2	Formally identified in local strategy	High strategic significance	1.15	Same broad habitat or a higher distinctiveness habitat required (≥)	0.15	
7	Individual trees	Rural tree	No	0.0692	Medium	4	Good	3	Formally identified in local strategy	High strategic significance	1.15	Same broad habitat or a higher distinctiveness habitat required (≥)	0.95	
8														
9														
10														
				Total habitat area	3.88									29.98
				Site Area (Excluding area of individual trees, green walls, intertidal hard structures)	3.79									

Area retained	Area enhanced	Baseline units retained	Baseline units enhanced	Area habitat lost	Units lost	Bespoke compensation agreed for losses of VHDH or irreplaceable habitat	Comments		
							User comments	Planning authority comments	Habitat reference number
0.05		0.46	0.00	1.18	10.86				
0.084		0.67	0.00	1.84	14.69				
0.189		1.74	0.00	0.00	0.00		Some pruning/coppicing along Pimlico Link Road, and removal of one tree (T50) for H&S due to ash dieback. No change in canopy extent (habitat area) or condition therefore no losses or reduction in condition. Works would also fall under standard highways maintenance.		
0.057		0.46	0.00	0.00	0.00				
0.396		0.00	0.00	0.00	0.00				
		0.00	0.00	0.02	0.15		T1 at site entrance		
		0.00	0.00	0.07	0.95		T42, T43 and T44 at outfall pipe location		
0.78	0.00	3.33	0.00	3.10	26.65				

Total area lost (excluding area of individual trees, green walls and intertidal hard structures)	3.02
--	------

M² to hectares conversion tool:	Select a unit	Hectares	M²

Amme - Bowland and Marl Hill Sections: Alternative Temporary Park a

A-2 On-Site Habitat Creation

Condense / Show Columns

Condense / Show Rows

Main Menu

Area habitat summary	
Total Net Unit Change	-11.93
Total Net % Change	-39.80%
Trading Rules Satisfied	No - checktrading summaries ▲
Area Check	Area Acceptable ✓

Note; Habitat selected has a time to target condition greater than 30 years. Non standard agreement may be required.

Ref	Broad Habitat	Proposed habitat	Area (hectares)	Distinctiveness		Condition		Strategic significance			Post intervention habitats						Difficulty multipliers				Habitat units delivered	Comments		
				Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier	Standard time to target condition (years)	Habitat created in advance (years)	Delay in starting habitat creation (years)	Standard or adjusted time to target condition	Final time to target condition (years)	Final time to target multiplier	Standard difficulty of creation	Applied difficulty multiplier	Final difficulty of creation	Difficulty multiplier applied		User comments	Planning authority comments	Habitat reference number
1	Grassland	Other neutral grassland	2.063	Medium	4	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	5		9	Check details- Delay in starting habitat in required condition? ▲	14	0.607	Low	Standard difficulty applied	Low	1	10.02	Habitat will be reinstated back to baseline conditions		
2	Grassland	Other neutral grassland	0.943	Medium	4	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	5		9	Check details- Delay in starting habitat in required condition? ▲	14	0.607	Low	Standard difficulty applied	Low	1	4.58	Habitat will be reinstated back to baseline conditions		
3	Individual trees	Rural tree	0.0448	Medium	4	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	27		9	Check details- Delay in starting habitat in required condition? ▲	30+	0.320	Low	Standard difficulty applied	Low	1	0.11	Planting of 11 small trees during reinstatement		
4																								
5																								
6																								
7																								
8																								
9																								
Total habitat area			3.05																		Total Units	14.72		

Site Area (Excluding area of individual trees, green walls, intertidal hard structures)	3.01
---	------

M² to hectares conversion tool:	Select a unit	Hectares	M²

me - Bowland and Marl Hill Sections: Alternative Temporary Park

B-1 On-Site Hedge Baseline

Condense / Show Columns

Condense / Show Rows

Main Menu

Hedgerow summary	
Total Net Unit Change	0.19
Total Net % Change	6.23%
Trading Rules Satisfied	No - check trading summary ▲

	Existing hedgerow habitats			Distinctiveness		Condition		Strategic significance			Required Action to Meet Trading Rules	Ecological baseline	
Ref	Hedge number	Habitat type	Length (km)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier		Total hedgerow units	
1	HR1	Species-rich native hedgerow with trees	0.012	High	6	Good	3	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	Like for like or better	0.24	
2	HR2	Species-rich native hedgerow with trees	0.027	High	6	Good	3	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	Like for like or better	0.53	
3	HR3	Native hedgerow	0.167	Low	2	Moderate	2	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	Same distinctiveness band or better	0.73	
4	HR4	Native hedgerow	0.168	Low	2	Moderate	2	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	Same distinctiveness band or better	0.74	
5													
6	HR6	Native hedgerow with trees	0.169	Medium	4	Poor	1	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	Same distinctiveness band or better	0.74	
7													
8													
9													
10													
11													
			0.54										2.99

						Comments		
Length retained	Length enhanced	Units retained	Units enhanced	Length lost	Units lost	User comments	Planning authority comments	Habitat reference number
0.012		0.24	0.00	0.00	0.00			
0.024		0.48	0.00	0.00	0.06	Gap required for water pipe (removal of T45 - small tree, and partial removal of G002)		
0.167		0.73	0.00	0.00	0.00			
	0.168	0.00	0.74	0.00	0.00	Planting of native tree species		
0.169		0.74	0.00	0.00	0.00			
0.37	0.17	2.19	0.74	0.00	0.06			

Wyland and Marl Hill Sections: Alternative Temperatures

B-3 On-Site Hedge Enhancement

Condense / Show Columns

Condense / Show Columns Condense / Show Rows

[Main Menu](#)

Hedgerow summary	
Total Net Unit Change	0.19
Total Net % Change	6.23%
Trading Rules Satisfied	No - check trading summary ▲

[illegible]

Project Name: Haweswater Aqueduct Resilience Programme - Bowland and Marl Hill Sections, Alternative

C-1 On-Site WaterC' Baseline

Watercourse summary	
Total Net Unit Change	-0.10
Total Net % Change	-30.40%
Trading Rules Satisfied	No - check trading summary ▲

Condense / Show Columns

Condense / Show Rows

Main Menu

Existing watercourse type			Distinctiveness		Condition		Strategic significance			Watercourse encroachment		Riparian encroachment		Required Action to Meet Trading Rules	Ecological baseline	
Ref	Watercourse type	Length (km)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier	Extent of encroachment	Multiplier	Extent of encroachment for both banks	Multiplier		Total watercourse units	
1	Other rivers and streams	0.025	High	6	Moderate	2	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	No Encroachment	1	No Encroachment/ No Encroachment	1	Same habitat required =	0.33	
2																
3																
4																
5																
6																
		0.03														0.33

						Bespoke compensation agreed for losses of VHDH	Comments		
Length retained	Length enhanced	Units retained	Units enhanced	Length Lost	Units Lost		User Comments	Planning authority comments	Habitat reference number
		0.00	0.00	0.03	0.33		See results of MORPH assessment if further information is required		
0.00	0.00	0.00	0.00	0.03	0.33				

Project Name: Haweswater Aqueduct Resilience Programme - Rowland and Marl Hill Sections:

C-2 On-Site WaterC' Creation

Condense / Show Columns

Condense / Show Rows

[Main Menu](#)

Watercourse summary	
Total Net Unit Change	-0.10
Total Net % Change	-30.40%
Trading Rules Satisfied	No - check trading summary ▲

[illegible]