

The Biodiversity Metric 4.0 - Calculation Tool

Start page

Project details			
Planning authority:	Kirklees Metropolitan Borough Council		
Project name:	Penistone Road / Rowley Lane, Fenay Bridge		
Applicant:	Homes by Honey		
Application type:	Outline		
Planning application reference:	2020/92307		
Completed by:	K. Haymes		
Date of metric completion:	23.10.2023		
Reviewer:	R. Harmsworth		
Version control:	4		
Consenting body reviewer:			
Date of consenting body review:			
Target % net gain:	10%		
Irreplaceable habitat present on-site at baseline:	No		
Total site area (including irreplaceable habitat area):	2.46	Irreplaceable habitat area at baseline:	0.00

Instructions

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Results

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

View all

Reset view

On-site baseline map

Insert

On-site baseline map reference number

Off-site baseline map

Insert

Off-site baseline map reference number

On-site post intervention map

Insert

On-site post-intervention map reference number

Off-site post intervention map

Insert

Off-site post-intervention reference number



Area habitats



Hedgerows and lines of trees



Watercourses

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Main menu

Tree helper						
Tree size	Number of trees and area (ha) for each condition state					
	Poor	Area	Moderate	Area	Good	Area
Small		0.0000	26	0.1059		0.0000
Medium		0.0000	1	0.0366		0.0000
Large		0.0000		0.0000		0.0000
Total	0	0.0000	27	0.1425	0	0.0000

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Technical data

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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 Biodiversity Metric 4.0 - Calculation Tool

Results

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Headline results

Detailed results

Habitat trading
summaries

Off-site
summary

Penistone Road / Rowley Lane, Fenay Bridge

Headline Results

Scroll down for final results ▲

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On-site baseline	Habitat units	4.91		
	Hedgerow units	0.59		
	Watercourse units	0.00		
On-site post-intervention (Including habitat retention, creation & enhancement)	Habitat units	2.95		
	Hedgerow units	0.83		
	Watercourse units	0.00		
On-site net change (units & percentage)	Habitat units	-1.96	-39.94%	On-site net gain is less than target set ▲
	Hedgerow units	0.24	41.49%	
	Watercourse units	0.00	0.00%	

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	-1.96		
	Hedgerow units	0.24		
	Watercourse units	0.00		
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	-1.96	
	Hedgerow units	0.24	
	Watercourse units	0.00	
Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	-39.94%	Total net gain achieved is less than target set ▲
	Hedgerow units	41.49%	
	Watercourse units	0.00%	
Trading rules satisfied?	No - Check Trading Summaries ▲		

Unit Type	Target	Baseline Units	Units Required	Unit Deficit	
Habitat units	10.00%	4.91	5.40	2.45	Unit requirement met or surpassed ✓ Unit requirement met or surpassed ✓
Hedgerow units	10.00%	0.59	0.65	0.00	
Watercourse units	10.00%	0.00	0.00	0.00	

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Trading summary hedgerows

Trading summary Watercourses

Trading Summary		
Distinctiveness Group	Trading Rule	Trading Status?
Very High	Requires compensation likely to be required K	Yes ✓
High	Same habitat required w	Yes ✓
Medium	Same or better habitat or a higher distinctiveness habitat required (2)	No A
Low	Same distinctiveness or better habitat required 2	No A

Very High Distinctiveness					
Habitat group	Group	On-site unit change	Off-site unit change	Project-wide unit change	Unit losses
Grassland - Lowland dry and grassland	Grassland	0.00	0.00		
Grassland - Lowland meadows	Grassland	0.00	0.00		
Grassland - Upland low meadows	Grassland	0.00	0.00		
Heathland and shrub - Mountain heath and yellow scrub	Heathland and shrub	0.00	0.00		
Salix - Upland and submontane mountain birch forests	Salix	0.00	0.00		
Sparsely vegetated land - Submontane forest	Sparsely vegetated land	0.00	0.00		
Sparsely vegetated land - Lowmont pavement	Sparsely vegetated land	0.00	0.00		
Wetland - Broadleaf forest	Wetland	0.00	0.00		
Wetland - Forests on steep slopes (20140)	Wetland	0.00	0.00		
Wetland - Forest (upland and riparian)	Wetland	0.00	0.00		
Wetland - Lowland riparian forest	Wetland	0.00	0.00		
Wetland - Oceanic valley marsh (201)	Wetland	0.00	0.00		
Wetland - Upland meadow and tall herb forest	Wetland	0.00	0.00		
Wetland - Transition mire and aquatic forest (20140)	Wetland	0.00	0.00		
Woodland and forest - Wood pasture and parkland	Woodland and forest	0.00	0.00		
Rocky shore - High energy littoral rock - on peak, clay or shale	Rocky shore	0.00	0.00		
Rocky shore - Moderate energy littoral rock - on peak, clay or shale	Rocky shore	0.00	0.00		
Rocky shore - Low energy littoral rock - on peak, clay or shale	Rocky shore	0.00	0.00		
Rocky shore - Features of littoral rock - on peak, clay or shale	Rocky shore	0.00	0.00		
Littoral sediment - Littoral sediment on peak, clay or shale	Littoral sediment	0.00	0.00		
		0.00	0.00	0.00	6.00

Very High Distinctiveness Summary	
Very High Distinctiveness Units available to offset lower distinctiveness deficit	0.00

Habitat group	Group	On-site unit change	Off-site unit change	Project-wide unit change	Losses not yet accounted for
Grassland - Traditional orchards	Grassland	0.00	0.00	0.00	
Grassland - Phytophagous weevil meadow and CVCB	Grassland	0.00	0.05	0.00	
Grassland - Lowland calcareous grassland	Grassland	0.00	0.00	0.00	
Grassland - Tall herb communities (H6/H30)	Grassland	0.00	0.00	0.00	
Grassland - Upland calcareous grassland	Grassland	0.00	0.00	0.00	
Heathland and shrub - Lowland heathland	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Heath with sea buckthorn (H1/H10)	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Upland heathland	Heathland and shrub	0.00	0.00	0.00	
Lakes - High alpine lakes	Lakes	0.00	0.00	0.00	
Lakes - Low alpine lakes	Lakes	0.00	0.00	0.00	
Lakes - Melt lakes	Lakes	0.00	0.00	0.00	
Lakes - Moderate alpine lakes	Lakes	0.00	0.00	0.00	
Lakes - Peat lakes	Lakes	0.00	0.00	0.00	
Lakes - Periodic standing habitats	Lakes	0.00	0.00	0.00	
Lakes - Temporary lakes ponds and pools (E31/77)	Lakes	0.00	0.00	0.00	
Sparingly vegetated land - Coastal sand dunes	Sparingly vegetated land	0.00	0.00	0.00	
Sparingly vegetated land - Coastal vegetation change	Sparingly vegetated land	0.00	0.00	0.00	
Sparingly vegetated land - Inland rock outcrops and grass habitats	Sparingly vegetated land	0.00	0.00	0.00	
Sparingly vegetated land - Maritime salt marsh	Sparingly vegetated land	0.00	0.00	0.00	
Upland - Open mountain habitats or extensively grazed lands	Upland	0.00	0.00	0.00	
Wetland - Freshwater	Wetland	0.00	0.00	0.00	
Woodland and forest - Billed	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Lowland forests and wet woodlands	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Lowland mixed deciduous woodland	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Native pine woods and coppice	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Upland hardwoods	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Upland mixed oakwoods	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Upland oakwood	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Wet woodlands	Woodland and forest	0.00	0.00	0.00	
Coastal bays - Coastal lagoons	Coastal bays	0.00	0.00	0.00	
Rocky shores - High energy littoral rock	Rocky shores	0.00	0.00	0.00	
Rocky shore - Medium energy littoral rock	Rocky shores	0.00	0.00	0.00	
Rocky shore - Low energy littoral rock	Rocky shores	0.00	0.00	0.00	
Rocky shore - Features of littoral rock	Rocky shores	0.00	0.00	0.00	
Intertidal sediments - Littoral mud	Intertidal sediments	0.00	0.00	0.00	
Intertidal sediments - Littoral mixed sediments	Intertidal sediments	0.00	0.00	0.00	
Coastal sediments - Sublittorals and saline wetlands	Coastal sediments	0.00	0.00	0.00	
Intertidal sediments - Littoral bivalve reefs - Mussels	Intertidal sediments	0.00	0.00	0.00	
Intertidal sediments - Littoral bryozoan reef - Sabellaria	Intertidal sediments	0.00	0.00	0.00	
Intertidal sediments - Littoral diatom assemblage	Intertidal sediments	0.00	0.00	0.00	
Intertidal sediments - Littoral di sandy sand	Intertidal sediments	0.00	0.00	0.00	
Intertidal sediments - Littoral shingle	Intertidal sediments	0.00	0.00	0.00	
		0.00	0.00	0.00	0.00

High Distinctiveness Summary	
High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
Unit Deficit: Like for like not satisfied	0.00

Habitat group	Group	Cs-site unit change	Cf-site unit change	Project wide unit change	Cumulative broad habitat change
Cropland - Arable field margins cultivated annually	Cropland	0.00	0.00	0.00	
Cropland - Arable field margins game hard mix	Cropland	0.00	0.00	0.00	0.00
Cropland - Arable field margins pollen and nectar	Cropland	0.00	0.00	0.00	
Cropland - Arable field margins tussock	Cropland	0.00	0.00	0.00	
Grassland - Other improved acid grassland	Grassland	0.00	0.00	0.00	
Grassland - Hybrid sward grassland	Grassland	0.00	0.00	0.00	6.83
Heathland and shrub - Blackthorn scrub	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Bramble scrub	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Gorse scrub	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Heather scrub	Heathland and shrub	0.00	0.00	0.00	0.00
Heathland and shrub - Willow scrub	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Hard scrubs	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Mixed scrub	Heathland and shrub	0.00	0.00	0.00	
Larven - Fens (non priority habitats)	Larven	0.00	0.00	0.00	6.00
Larven	Larven	0.00	0.00	0.00	
Specially designated land - Other valued crop and estate	Specially designated land	0.00	0.00	0.00	0.00
Urban - Cemeteries and churchyards	Urban	0.00	0.00	0.00	0.00
Urban - Backyard amenity	Urban	0.00	0.00	0.00	
Individual trees - Urban trees	Individual trees	0.00	0.00	0.00	0.00
Woodland and forest - Other soft pine woodland	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Other soft pine woodland	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Broadleaved mixed	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Mixed deciduous ancient	Woodland and forest	0.00	0.00	0.00	
Invertebrate assemblage - Lateral coarse sediment	Invertebrate assemblage	0.00	0.00	0.00	
Invertebrate assemblage - Lateral sand	Invertebrate assemblage	0.00	0.00	0.00	0.00
Invertebrate bird structures - Artificial bird structures with integrated greenery of grey infrastructure (S20)	Invertebrate bird structures	0.00	0.00	0.00	
		5.48	0.00	5.48	

Medium Distinctiveness Summary	
Medium Distinctiveness Units available to offset Lower Distinctiveness Deficit	0.57
Medium Distinctiveness Broad Habitat Deficit to be offset by trading up	-0.08
Higher Distinctiveness Surplus Units minus Medium Distinctiveness Broad Habitat Deficit	-0.08
Cumulative surplus of units	0.49

Low Distinctiveness				
Habitat group	Group	On-site unit change	Off-site unit change	Project wide unit change
Grassland - General group	Grassland			4.75
Grassland - Horsehatch	Grassland	0.00	0.00	0.00
Grassland - Intertoxic orchards	Grassland	0.00	0.00	0.00
Grassland - Non-general groups	Grassland	0.00	0.00	0.00
Grassland - Pasture/forage/stocking lands	Grassland	0.00	0.00	0.00
Grassland - Winter stubble	Grassland	0.00	0.00	0.00
Grassland - Wetland wetlands	Grassland			0.00
Grassland - Wetland	Grassland	0.00	0.00	0.00
Heathland and shrubs - Rhododendron shrubs	Heathland and shrubs	0.00	0.00	0.00
Lalons - Chionochloa talus or peat	Lalons	0.00	0.00	0.00
Shrubby vegetated land - Bushy/scrubland	Shrubby vegetated land	0.00	0.00	0.00
Shrubby vegetated land - The Forst	Shrubby vegetated land	0.00	0.00	0.00
Urban - Barren	Urban	0.00	0.00	0.00
Urban - Bare ground	Urban	0.00	0.00	0.00
Urban - Vacant lots	Urban	0.00	0.00	0.00
Urban - Faded house and lawn	Urban	0.00	0.00	0.00
Urban - General house and lawn	Urban	0.00	0.00	0.00
Urban - Ground level plantings	Urban	0.00	0.00	0.00
Urban - Lawn areas only	Urban	0.00	0.00	0.00
Urban - Intensive street roof	Urban	0.00	0.00	0.00
Urban - Intensive shrubs	Urban	0.00	0.00	0.00
Urban - Lawn areas	Urban	0.00	0.00	0.00
Urban - Actively worked and pit square or open cut mine	Urban	0.00	0.00	0.00
Urban - Intensive road	Urban	0.00	0.00	0.00
Urban - Vacant or derelict land	Urban	0.00	0.00	0.00
Urban - Vegetated landscape	Urban			0.00
Woodland and forest - Open conifer woodland	Woodland and forest	0.00	0.00	0.00
Wooded landscape - Artificial subshrubs and tall grass meadows	Wooded landscape	0.00	0.00	0.00
Intertoxic sediment - Artificial linear erosion	Intertoxic sediment	0.00	0.00	0.00
Intertoxic sediment - Artificial linear road	Intertoxic sediment	0.00	0.00	0.00
Intertoxic sediment - Artificial linear water	Intertoxic sediment	0.00	0.00	0.00
Intertoxic sediment - Artificial linear rocky area	Intertoxic sediment	0.00	0.00	0.00
Intertoxic sediment - Artificial linear mixed sediments	Intertoxic sediment	0.00	0.00	0.00
Intertoxic sediment - Artificial linear erosion	Intertoxic sediment	0.00	0.00	0.00
Intertoxic sediment - Artificial linear incision	Intertoxic sediment	0.00	0.00	0.00
Intertoxic sediment - Artificial linear erosion	Intertoxic sediment	0.00	0.00	0.00
Intertoxic sediment - Artificial features of hard structures	Intertoxic sediment	0.00	0.00	0.00
Heathland and shrubs - Urban and bushland shrubs	Heathland and shrubs			0.00

Low Distinctiveness Summary	
Low Distinctiveness net change in units	-2.45
Cumulative surplus of units	-1.90

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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	Yes ✓
Medium	Same distinctiveness or better habitat required	Yes ✓
Low/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

Very High Distinctiveness Summary	
Very High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
Unit Deficit: Like for like not satisfied	0.00

High Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Species-rich native hedgerow with trees	0.00	0.00	0.00
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
	0.00	0.00	0.00

High Distinctiveness Summary	
High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
High Distinctiveness Deficit to be offset by a like or up	0.00
Higher Distinctiveness surplus units minus any high distinctiveness deficit	0.00

Medium Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Species-rich native hedgerow	0.46	0.00	0.46
Native hedgerow - associated with bank or ditch	0.00	0.00	0.00
Native hedgerow with trees	0.00	0.00	0.00
Field margin / roadside tree or trees	0.00	0.00	0.00
Woodland / woodland tree or trees - associated with bank or ditch	0.00	0.00	0.00
	0.46	0.00	0.46

Medium Distinctiveness Summary	
Units available from higher distinctiveness habitats	0.00
Medium Distinctiveness net change in units	0.46
Comulative availability of units	0.46

Low/Very Low Distinctiveness			
Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Native hedgerow	0.00	0.00	0.00
Edge of field	-0.01	0.00	-0.01
Loss of trees - associated with bank or ditch	0.00	0.00	0.00
Tree native and non-native hedgerow	0.00	0.00	0.00
	-0.01	0.00	-0.01

Low Distinctiveness Summary	
Low Distinctiveness net change in units	-0.01
Comulative availability of units	0.45

Return to results menu

Trading summary Area Habitats

Trading summary hedgerows

Trading Summary		
Distinctiveness Group	Trading Rule	Trading Satisfied?
Very High	Bespoke compensation likely to be required ✖	Yes ✓
High	Same habitat required =	Yes ✓
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

Very High Distinctiveness Summary	
Very High Distinctiveness Units available to offset lower distinctiveness deficit	0.00

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

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

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

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

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

Project Name: Penistone Road / Rowley Lane, Fenay Bridge Map Reference:

A-1 On-Site Habitat Baseline

Condense / Show Columns

Condense / Show Rows

Main Menu

Instructions

Area habitat summary

Total Net Unit Change

-1.98

Total Net % Change

-39.84%

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	Area (hectare)	Distinctiveness	Condition	Strategic significance		Total habitat units
1	Urban	Developed land, sealed surface	0.173	V.Low	N/A - Other	Area/compensation not in local strategy/ no local strategy	Compensation Not Required	0.00
2	Cropland	Cereal crops	2.25	Low	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	4.50
3	Individual trees	Rural tree	0.0336	Medium	Good	Area/compensation not in local strategy/ no local strategy	Same broad habitat or a higher distinctiveness habitat required. (≥)	0.40
4	Urban	Ruderal/Ephemeral	0.003	Low	Poor	Area/compensation not in local strategy/ no local strategy	Same distinctiveness or better habitat required ≥	0.01
5								
6								
7								
8								
9								
			Total habitat area	2.46				
			Site Area (Excluding area of individual trees and Green walls)	2.43				

Total area lost (excluding area of Individual trees and Green walls)

2.43

Retention category biodiversity value						Bespoke compensation agreed for unacceptable losses	Comments		
Area retained	Area enhanced	Baseline units retained	Baseline units enhanced	Area habitat lost	Units lost		User comments	Consenting body comments	GIS reference number
		0.00	0.00	0.17	0.00		Existing Rowley Lane road to the north of site, to be widened.		
		0.00	0.00	2.25	4.50		Arable, cereal crop		
		0.00	0.00	0.03	0.40		Tree T1 in arable field. Passes: A, B, C, D, E, F		
		0.00	0.00	0.00	0.01		Ruderal vegetation dominated by nettle and ivy. Urban Condition Assessment used due to adjacent road. Passes: C. Fails: A, B. Condition: Poor		
0.00	0.00	0.00	0.00	2.46	4.91				

Total area lost (excluding area of Individual trees and Green walls)

2.43

M² to hectares conversion tool:

Select a unit

Hectares

M²

Project Name: Penistone Road / Rowley Lane, Fenay Bridge Map Reference:

A-2 On-Site Habitat Creation

Condense / Show Columns

Condense / Show Rows

Main Menu

Instructions

Area habitat summary	
Total Net Unit Change	-1.96
Total Net % Change	-39.94%
Trading Rules Satisfied	No - check trading summaries ▲
Area Check (excluding individual trees and green walls)	Area Acceptable ✓

Post development/ post intervention habitats												
Broad Habitat	Proposed habitat	Area (hectares)	Distinctiveness	Condition	Strategic significance	Temporal multiplier	Difficulty		Habitat units delivered	Comments		GIS reference number
			Distinctiveness	Condition	Strategic significance	Standard or adjusted time to target condition	Final time to target condition (years)	Final difficulty of creation		User comments	Consenting body comments	
Urban	Developed land; sealed surface	0.422	V.Low	N/A - Other	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	0	Medium	0.00	Buildings		
Urban	Developed land; sealed surface	0.974	V.Low	N/A - Other	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	0	Medium	0.00	Hardstanding		
Urban	Vegetated garden	0.783	Low	Condition Assessment N/A	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	1	Low	1.51	Private gardens		
Grassland	Modified grassland	0.157	Low	Moderate	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	4	Low	0.54	Amenity grassland POS		
Grassland	Other neutral grassland	0.085	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	5	Low	0.57	Wildflower grassland POS		
Individual trees	Urban tree	0.1059	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	27	Low	0.32	New tree planting - 26 in POS. Also 24 trees within private gardens but these have been excluded from the metric.		
Total habitat area		2.53							2.95			

Site Area (Excluding area of Individual trees and Green walls)	2.42
--	------

M² to hectares conversion tool:	Select a unit	Hectares	M²

[illegible]































































































































































oject Name: Penistone Road / Rowley Lane, Fenay Bridge

Map Reference

B-1 On-Site Hedge Baseline

Hedgerow summary	
Total Net Unit Change	0.24
Total Net % Change	41.49%
Trading Rules Satisfied	Yes ✓

Condense / Show Columns

Condense / Show Rows

Main Menu

Instructions

Existing hedgerow habitats				Distinctiveness		Condition		Strategic significance			Required Action to Meet Trading Rules	Ecological baseline
Baseline ref	Hedge number	Hedgerow type	Length (km)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic position multiplier		Total hedgerow units
1	TL1	Line of trees	0.1471	Low	2	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same distinctiveness band or better	0.59
2												
3												
4												
5												
			0.16									
												0.59

Retention category biodiversity value						Comments		
Length retained	Length enhanced	Units retained	Units enhanced	Length lost	Units lost	User comments	Consenting body comments	GIS reference number
		0.00	0.00	0.15	0.59	Passes: A, B, C, E, Faile: D, Condition: Moderate		
0.00	0.00	0.00	0.00	0.15	0.59			

Project Name: Penistone Road / Rowley Lane, Fenay Bridge

Map Reference

B-2 On-Site Hedge Creation

Condense / Show Columns

Condense / Show Rows

Main Menu

Instructions

Hedgerow summary	
Total Net Unit Change	0.24
Total Net % Change	41.49%
Trading Rules Satisfied	Yes ✓

		Proposed habitats		Distinctiveness	Condition	Strategic significance	Temporal multiplier		Difficulty risk multipliers	Hedge units delivered	Comments		GIS reference number
Baseline ref	New hedge number	Habitat type	Length (km)	Distinctiveness	Condition	Strategic significance	Standard or adjusted time to target condition	Final time to target condition (years)	Final difficulty of creation		User comments	Consenting body comments	
1	NH1	Species-rich native hedgerow	0.068	Medium	Moderate	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	5	Low	0.46	Native species rich hedgerow along the south of site		
2		Non-native and ornamental hedgerow	0.391	V.Low	Poor	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	1	Low	0.38			
3											Boundary box hedgerows around properties		
4													
5													
6													
				0.46						0.83			