The Biodiversity Metric 3.0 - Calculation Tool
Start page

Project details	
Planning authority:	Kirklees Council
Project name:	Phase 2- Parkwood Road, Golcar
Applicant:	Parkwood Ventures LLP and Sir Robert Ogden Estates Ltd.
Application type:	
Planning application reference:	
Assessor:	R.Hill-Harmsworth
Reviewer:	K. Haymes
Metric version:	3
Assessment date:	31/08/2021
Planning authority reviewer:	

Instructions

Main menu

Results

Cell style conventions	
	Enter data
	Automatic lookup
	Result

View all

Reset view

On-site baseline map

Insert

On-site post intervention map

Insert

Off-site baseline map

Insert

Off-site post intervention map

Insert

The Biodiversity Metric 3.0 - Calculation Tool
Main menu

Urban tree helper		
Tree size	Tree number	Area
Small	2	0.0009
Medium	8	0.0326
Large		0.0000
Total	10.00	0.0335

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On-site baseline

- A-1 On-site habitat baseline
- B-1 On-site hedge baseline
- C-1 On-site river baseline

On-site post development

- A-2 Habitat creation
- A-3 Habitat enhancement
- B-2 Hedgerow creation
- B-3 Hedgerow enhancement
- C-2 River creation
- C-3 River enhancement

Off-site baseline

- D-1 Off-site habitat baseline
- E-1 Off-site hedge baseline
- F-1 Off-site river baseline

Off-site post development

- D-2 Off-site habitat creation
- D-3 Off-site habitat enhancement
- E-2 Off-site hedge creation
- E-3 Off-site hedge enhancement
- F-2 Off-site river creation
- F-3 Off-site river enhancement

The Biodiversity Metric 3.0 - Calculation Tool
Start page

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Headline results

Detailed results

Habitat trading summary

Phase 2- Parkwood Road, Golcar

Headline Results

Return to results menu

On-site baseline	*Habitat units*	0.80
	Hedgerow units	0.10
	River units	0.00
On-site post-intervention (Including habitat retention, creation & enhancement)	*Habitat units*	0.54
	Hedgerow units	1.15
	River units	0.00
On-site net % change (Including habitat retention, creation & enhancement)	*Habitat units*	-32.57%
	Hedgerow units	1051.06%
	River units	0.00%
Off-site baseline	*Habitat units*	0.00
	Hedgerow units	0.00
	River units	0.00
Off-site post-intervention (Including habitat retention, creation & enhancement)	*Habitat units*	0.00
	Hedgerow units	0.00
	River units	0.00
Total net unit change (including all on-site & off-site habitat retention, creation & enhancement)	*Habitat units*	-0.26
	Hedgerow units	1.05
	River units	0.00
Total on-site net % change plus off-site surplus (including all on-site & off-site habitat retention, creation & enhancement)	*Habitat units*	-32.57%
	Hedgerow units	1051.06%
	River units	0.00%
Trading rules Satisfied?		No - Check Trading Summary

Phase 2- Parkwood Road, Golcar

Detailed Results

Return to results menu

Summary Figures

Net project biodiversity units (including all on-site & off-site habitat retention/creation)		
	Habitat units	-0.26
	Hedgerow units	1.05
	River units	0.00

Total project biodiversity % change (including all On-site & Off-site Habitat Creation + Retained Habitats)		
	Habitat units	-32.57%
	Hedgerow units	1051.06%
	River units	0.00%

Combined habitat retention and enhancement

	Habitats	Hedgerows	Rivers
Total area / length	0.32	0.05	0.00
Total units	0.80	0.10	0.00
Area / length retained	0.00	0.05	0.00
Units Retained	0.00	0.10	0.00
Area / length proposed for enhancement	0.03	0.00	0.00
Baseline units proposed for enhancement	0.08	0.00	0.00
Area / length lost	0.30	0.00	0.00
Units lost	0.72	0.00	0.00

Area Habitats

Area habitats

On site change by broad habitat type						
	Baseline		Post development on site		Onsite Change	
Habitat group	Existing area	Existing value	Proposed area	Proposed value	Area change	Onsite Unit change
Cropland	0.00	0.00	0.00	0.00	0.00	0.00
Grassland	0.21	0.42	0.03	0.17	-0.18	-0.25
Heathland and shrub	0.06	0.28	0.01	0.08	-0.05	-0.19
Lakes	0.00	0.00	0.00	0.00	0.00	0.00
Sparsely vegetated land	0.05	0.10	0.00	0.00	-0.05	-0.10
Urban	0.00	0.00	0.31	0.29	0.31	0.29
Wetland	0.00	0.00	0.00	0.00	0.00	0.00
Woodland and forest	0.00	0.00	0.00	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00	0.00	0.00	0.00
Coastal saltmarsh	0.00	0.00	0.00	0.00	0.00	0.00
Rocky shore	0.00	0.00	0.00	0.00	0.00	0.00
Coastal lagoons	0.00	0.00	0.00	0.00	0.00	0.00
Intertidal Hard Structures	0.00	0.00	0.00	0.00	0.00	0.00

Off site change by broad habitat type						
	Baseline		Post development Off-site		Off-site Change	
Habitat group	Existing area	Off-site Existing value	Off-site proposed area	Off site Proposed value	Off-site area change	Off-site unit change
Cropland	0.00	0.00	0.00	0.00	0.00	0.00
Grassland	0.00	0.00	#N/A	0.00	#N/A	0.00
Heathland and shrub	0.00	0.00	0.00	0.00	0.00	0.00
Lakes	0.00	0.00	0.00	0.00	0.00	0.00
Sparsely vegetated land	0.00	0.00	0.00	0.00	0.00	0.00
Urban	0.00	0.00	0.00	0.00	0.00	0.00
Wetland	0.00	0.00	0.00	0.00	0.00	0.00
Woodland and forest	0.00	0.00	0.00	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00	0.00	0.00	0.00
Coastal saltmarsh	0.00	0.00	0.00	0.00	0.00	0.00
Rocky shore	0.00	0.00	0.00	0.00	0.00	0.00
Coastal lagoons	0.00	0.00	0.00	0.00	0.00	0.00
Intertidal Hard Structures	0.00	0.00	0.00	0.00	0.00	0.00

Area Habitats

Area Habitats

Combined on site and off site change by broad habitat type						
	Baseline		On-site and Off-site post development		Combined change	
Habitat group	Existing area	Existing value	Combined proposed area	Combined proposed value	Proposed area	Proposed value
Cropland	0.00	0.00	0.00	0.00	0.00	0.00
Grassland	0.21	0.42	#N/A	0.17	#N/A	-0.25
Heathland and shrub	0.06	0.28	0.01	0.08	-0.05	-0.19
Lakes	0.00	0.00	0.00	0.00	0.00	0.00
Sparsely vegetated land	0.05	0.10	0.00	0.00	-0.05	-0.10
Urban	0.00	0.00	0.31	0.29	0.31	0.29
Wetland	0.00	0.00	0.00	0.00	0.00	0.00
Woodland and forest	0.00	0.00	0.00	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00	0.00	0.00	0.00
Coastal saltmarsh	0.00	0.00	0.00	0.00	0.00	0.00
Rocky shore	0.00	0.00	0.00	0.00	0.00	0.00
Coastal lagoons	0.00	0.00	0.00	0.00	0.00	0.00
Intertidal Hard Structures	0.00	0.00	0.00	0.00	0.00	0.00

Hedgerows and Lines of Trees

Hedgerows and lines of trees

On site change by hedgerow type						
	Baseline		Post development on site		Onsite Change	
Hedgerow type	Existing length on-site	Existing value	Proposed length on-site	Proposed value on-site	On-site length change	On-site Unit change
Native Species Rich Hedgerow with trees - Associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	0.00
Native Species Rich Hedgerow with trees	0.00	0.00	0.00	0.00	0.00	0.00
Native Species Rich Hedgerow - Associated with bank or ditch	0.00	0.00	0.00	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
Native Species Rich Hedgerow	0.00	0.00	0.11	0.72	0.11	0.72
Native Hedgerow - Associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	0.00
Native Hedgerow with trees	0.00	0.00	0.00	0.00	0.00	0.00
Line of Trees (Ecologically Valuable)	0.00	0.00	0.00	0.00	0.00	0.00
Line of Trees (Ecologically Valuable) - with Bank or Ditch	0.00	0.00	0.00	0.00	0.00	0.00
Native Hedgerow	0.05	0.10	0.05	0.10	0.00	0.00
Line of Trees	0.00	0.00	0.20	0.33	0.20	0.33
Line of Trees - Associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	0.00
Hedge Ornamental Non Native	0.00	0.00	0.00	0.00	0.00	0.00

Hedgerows and Lines of Trees

Off site change by hedgerow type						
	Off site baseline		Post development off site		Off site Change	
Hedgerow type	Existing length off-site	Existing value off-site	Proposed length off-site	Proposed value off-site	Off-site length change	Off site Unit change
Native Species Rich Hedgerow with trees - Associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	0.00
Native Species Rich Hedgerow with trees	0.00	0.00	0.00	0.00	0.00	0.00
Native Species Rich Hedgerow - Associated with bank or ditch	0.00	0.00	0.00	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
Native Species Rich Hedgerow	0.00	0.00	0.00	0.00	0.00	0.00
Native Hedgerow - Associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	0.00
Native Hedgerow with trees	0.00	0.00	0.00	0.00	0.00	0.00
Line of Trees (Ecologically Valuable)	0.00	0.00	0.00	0.00	0.00	0.00
Line of Trees (Ecologically Valuable) - with Bank or Ditch	0.00	0.00	0.00	0.00	0.00	0.00
Native Hedgerow	0.00	0.00	0.00	0.00	0.00	0.00
Line of Trees	0.00	0.00	0.00	0.00	0.00	0.00
Line of Trees - Associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	0.00
Hedge Ornamental Non Native	0.00	0.00	0.00	0.00	0.00	0.00

Hedgerows and Lines of Trees

Combined on and off site change by hedgerow type						
	Baseline		Post development on site		Onsite Change	
Hedgerow type	Existing length	Existing value	Proposed length	Proposed value	length change	Onsite Unit change
Native Species Rich Hedgerow with trees - Associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	0.00
Native Species Rich Hedgerow with trees	0.00	0.00	0.00	0.00	0.00	0.00
Native Species Rich Hedgerow - Associated with bank or ditch	0.00	0.00	0.00	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
Native Species Rich Hedgerow	0.00	0.00	0.11	0.72	0.11	0.72
Native Hedgerow - Associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	0.00
Native Hedgerow with trees	0.00	0.00	0.00	0.00	0.00	0.00
Line of Trees (Ecologically Valuable)	0.00	0.00	0.00	0.00	0.00	0.00
Line of Trees (Ecologically Valuable) - with Bank or Ditch	0.00	0.00	0.00	0.00	0.00	0.00
Native Hedgerow	0.05	0.10	0.05	0.10	0.00	0.00
Line of Trees	0.00	0.00	0.20	0.33	0.20	0.33
Line of Trees - Associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	0.00
Hedge Ornamental Non Native	0.00	0.00	0.00	0.00	0.00	0.00

Rivers and Streams

On site change by river type						
	Baseline		Post development on site		Onsite Change	
River type	Existing length	Existing value	Proposed length	Proposed value	length change	Onsite Unit change
Priority Habitat	0.0	0.0	0.0	0.0	0.0	0.0
Other Rivers and Streams	0.0	0.0	0.0	0.0	0.0	0.0
Ditches	0.0	0.0	0.0	0.0	0.0	0.0
Canals	0.0	0.0	0.0	0.0	0.0	0.0
Culvert	0.0	0.0	0.0	0.0	0.0	0.0

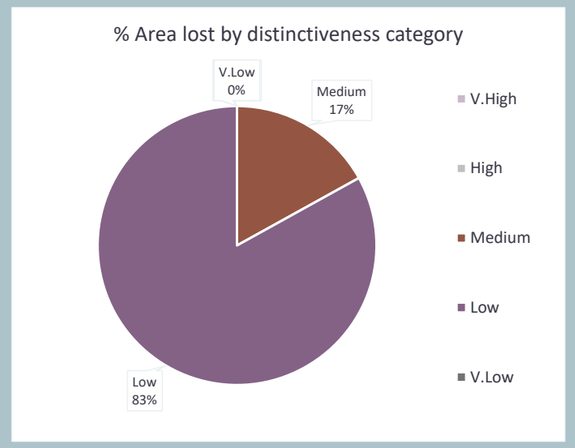
Off site change by river type						
	Baseline		Post development off-site		Off-site Change	
River type	Existing length off-site	Existing value off-site	Proposed length off-site	Proposed value off-site	Off-site length change	Off-site unit change
Priority Habitat	0.0	0.0	0.0	0.0	0.0	0.0
Other Rivers and Streams	0.0	0.0	0.0	0.0	0.0	0.0
Ditches	0.0	0.0	0.0	0.0	0.0	0.0
Canals	0.0	0.0	0.0	0.0	0.0	0.0
Culvert	0.0	0.0	0.0	0.0	0.0	0.0

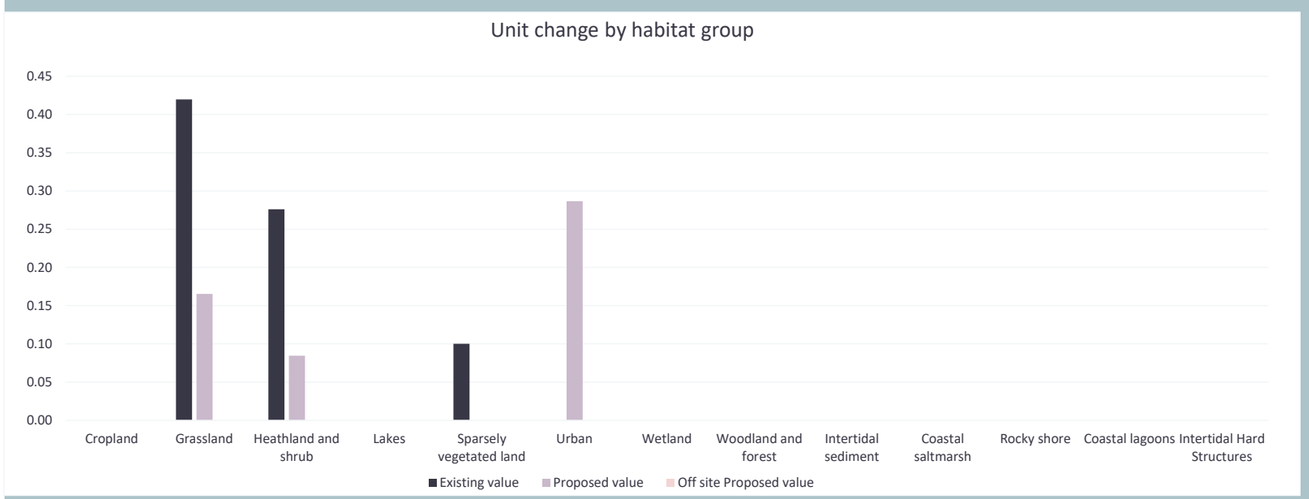
Combined on and off site change by river type						
	Baseline		Post development on site		Onsite Change	
River type	Existing length	Existing value	Proposed length	Proposed value	length change	Onsite Unit change
Priority Habitat	0.0	0.0	0.0	0.0	0.0	0.0
Other Rivers and Streams	0.0	0.0	0.0	0.0	0.0	0.0
Ditches	0.0	0.0	0.0	0.0	0.0	0.0
Canals	0.0	0.0	0.0	0.0	0.0	0.0
Culvert	0.0	0.0	0.0	0.0	0.0	0.0

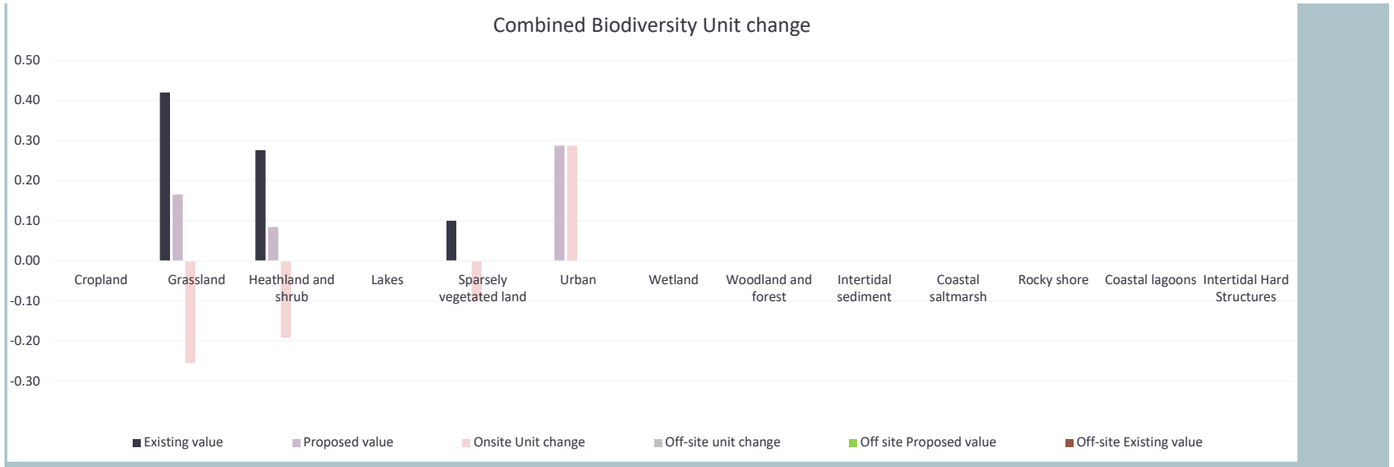
Rivers and Streams
Rivers and Streams



Combined area lost by distinctiveness band		
Category	**Area lost (hectares)**	**Area lost (%)**
V.High	0	
High	0	
Medium	0.05	17
Low	0.245	83
V.Low	0	

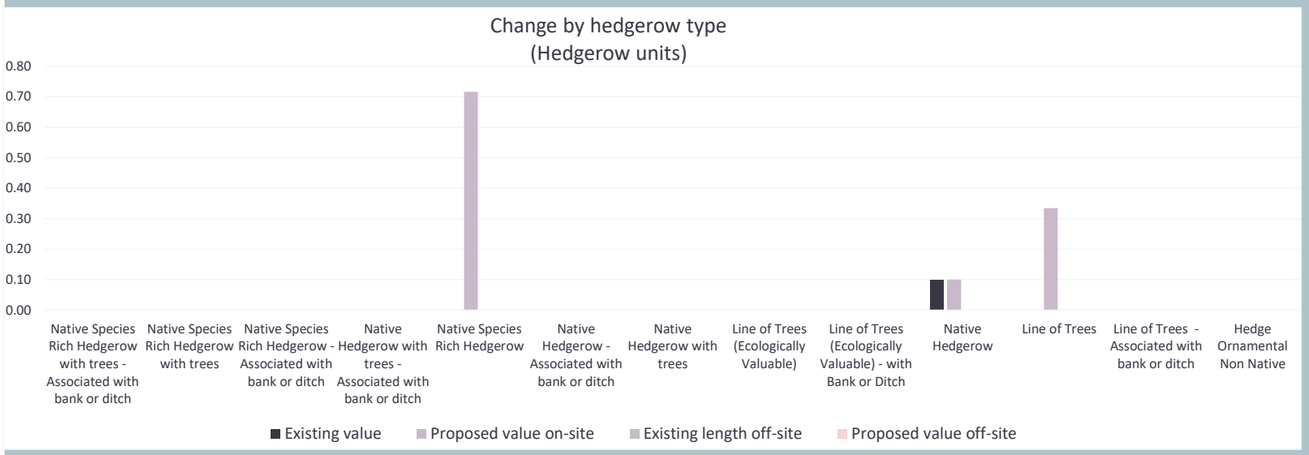


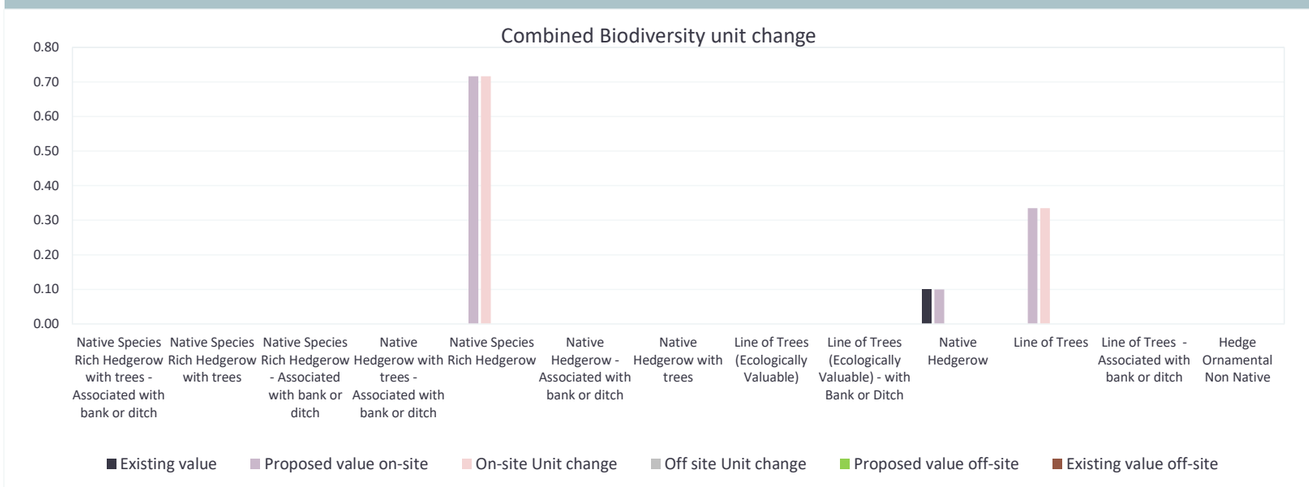




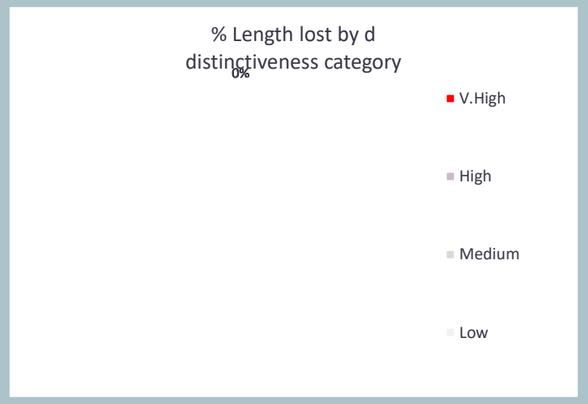
Combined length lost by distinctiveness band		
Category	Length lost (KM)	Length lost (%)
V.High	0	
High	0	
Medium	0	
Low	0	
V.Low	0	

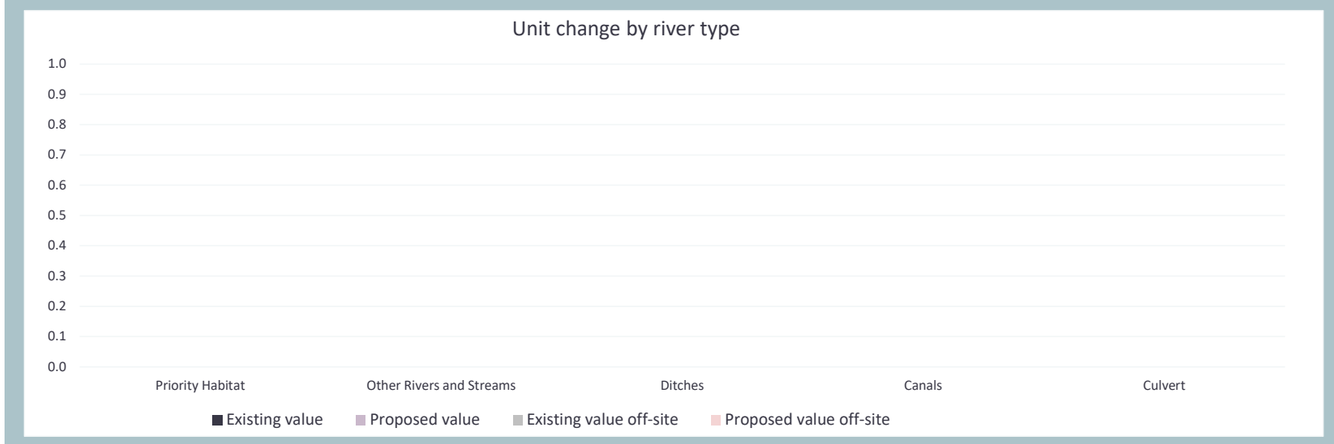


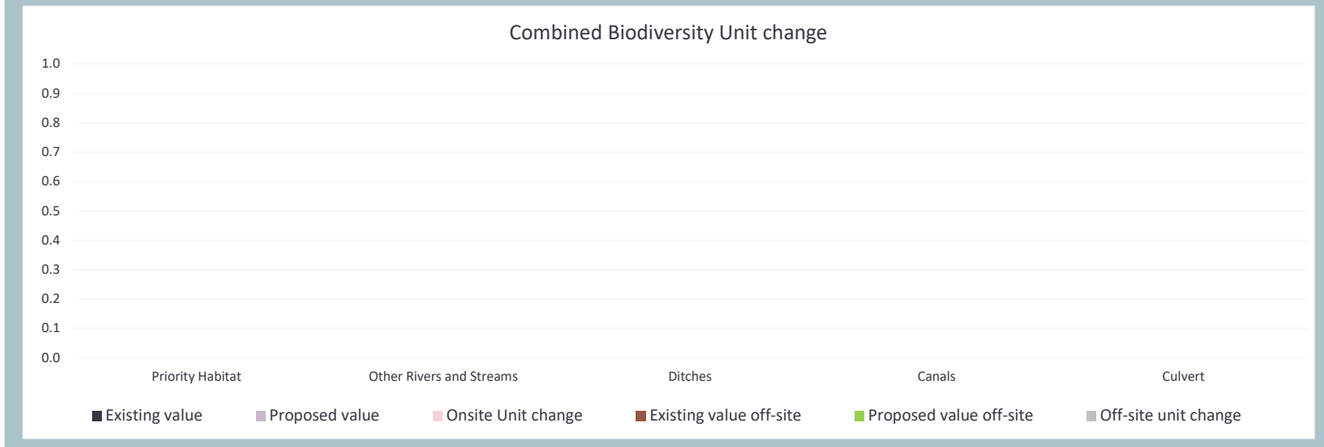

Change by hedgerow type
(Hedgerow units)
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Native Species Rich Hedgerow with trees - Associated with bank or ditch
Native Species Rich Hedgerow with trees
Native Species Rich Hedgerow - Associated with bank or ditch
Native Hedgerow with trees - Associated with bank or ditch
Native Species Rich Hedgerow
Native Hedgerow - Associated with bank or ditch
Native Hedgerow with trees
Line of Trees (Ecologically Valuable)
Line of Trees (Ecologically Valuable) - with Bank or Ditch
Native Hedgerow
Line of Trees
Line of Trees - Associated with bank or ditch
Hedge Ornamental Non Native
Existing value
Proposed value on-site
Existing length off-site
Proposed value off-site


Combined Biodiversity unit change
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Native Species Rich Hedgerow with trees - Associated with bank or ditch
Native Species Rich Hedgerow with trees
Native Species Rich Hedgerow - Associated with bank or ditch
Native Hedgerow with trees - Associated with bank or ditch
Native Species Rich Hedgerow
Native Hedgerow - Associated with bank or ditch
Native Hedgerow with trees
Line of Trees (Ecologically Valuable)
Line of Trees (Ecologically Valuable) - with Bank or Ditch
Native Hedgerow
Line of Trees
Line of Trees - Associated with bank or ditch
Hedge Ornamental Non Native
Existing value
Proposed value on-site
On-site Unit change
Off site Unit change
Proposed value off-site
Existing value off-site

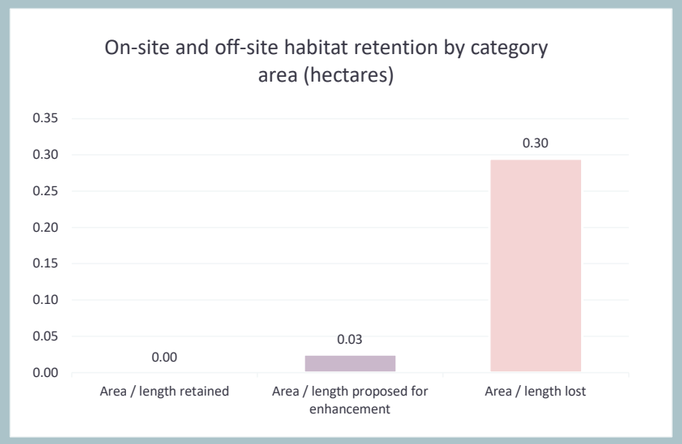
Combined length lost by distinctiveness band		
Category	Length lost (KM)	Length lost (%)
V.High	0	
High	0	
Medium	0	
Low	0	

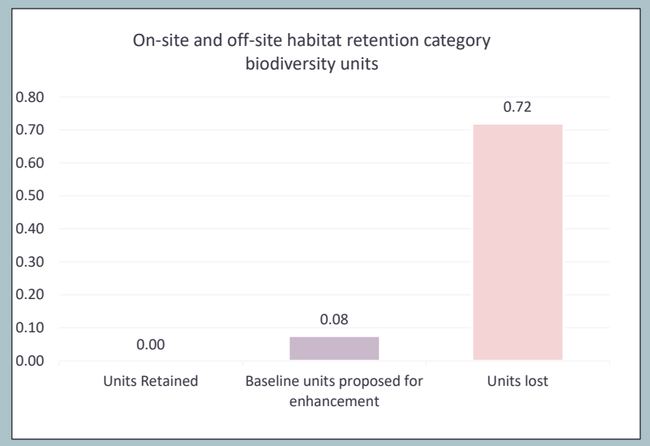


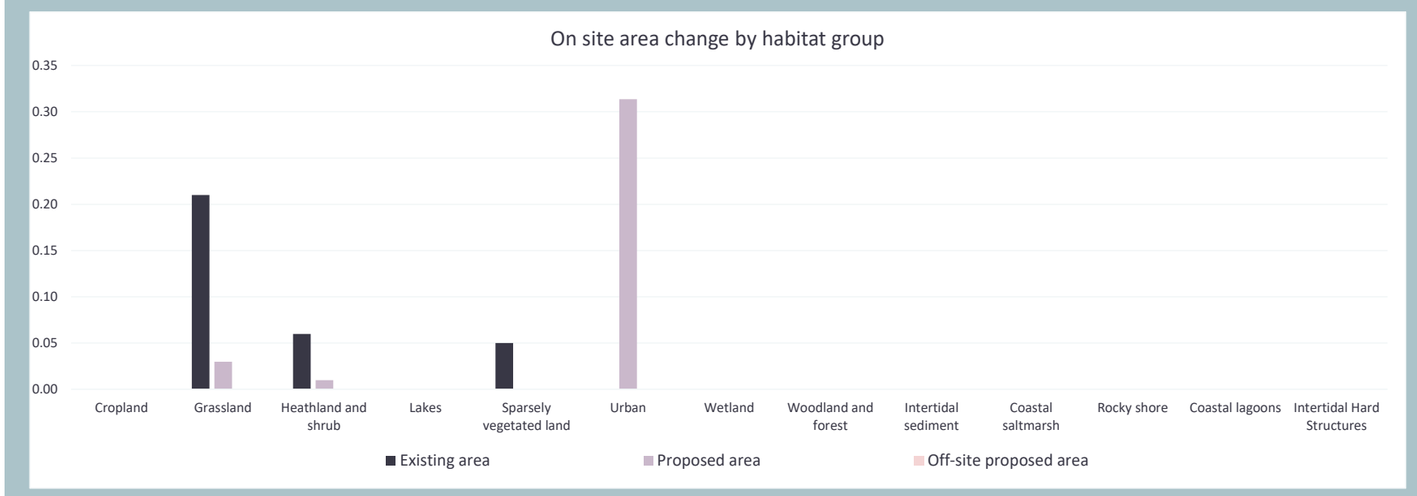


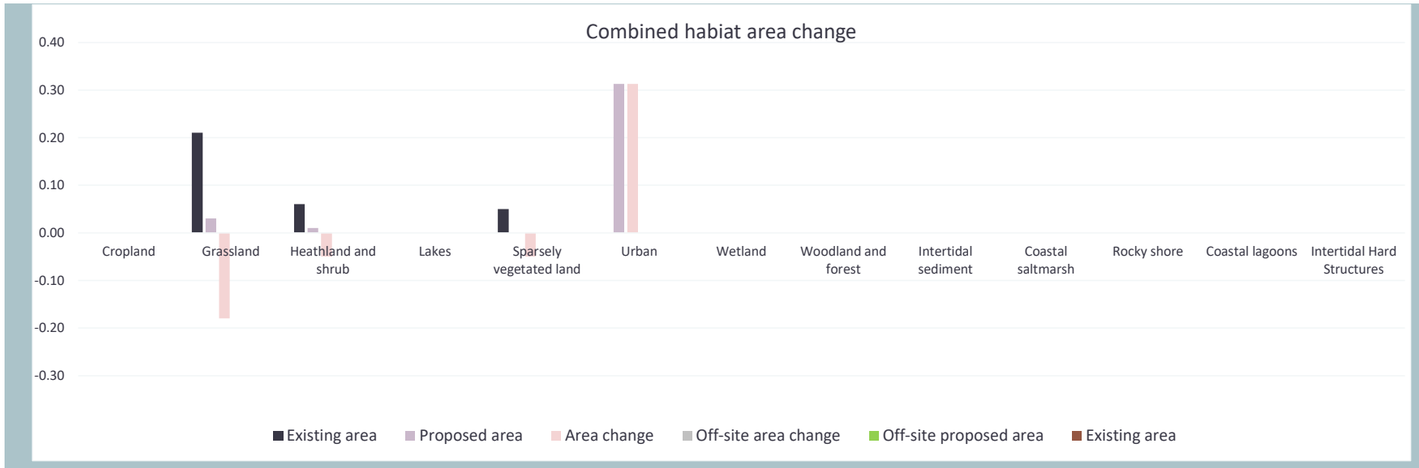


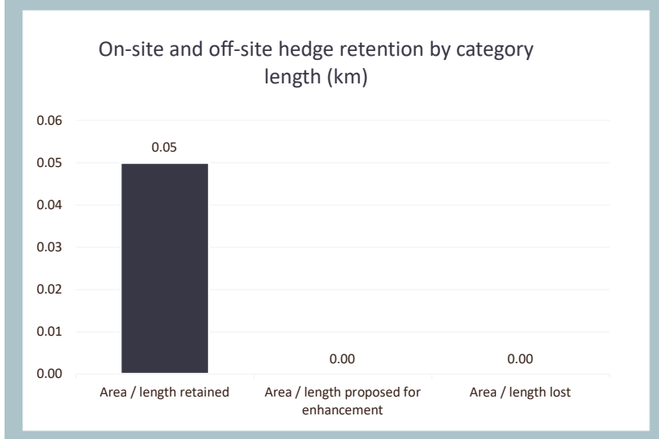


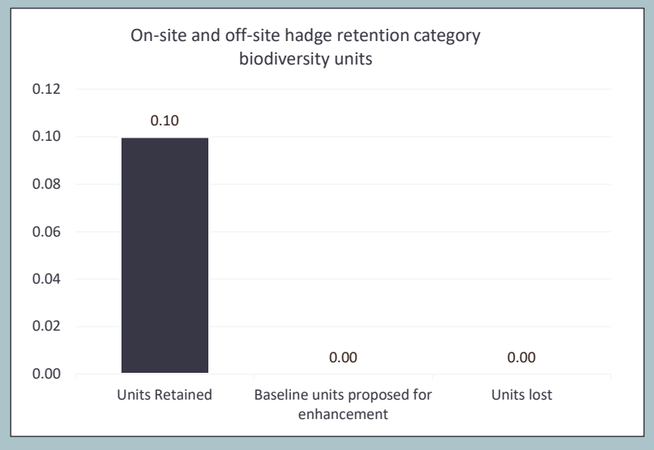

On-site and off-site habitat retention by category area (hectares)
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.00
0.03
0.30
Area / length retained
Area / length proposed for enhancement
Area / length lost

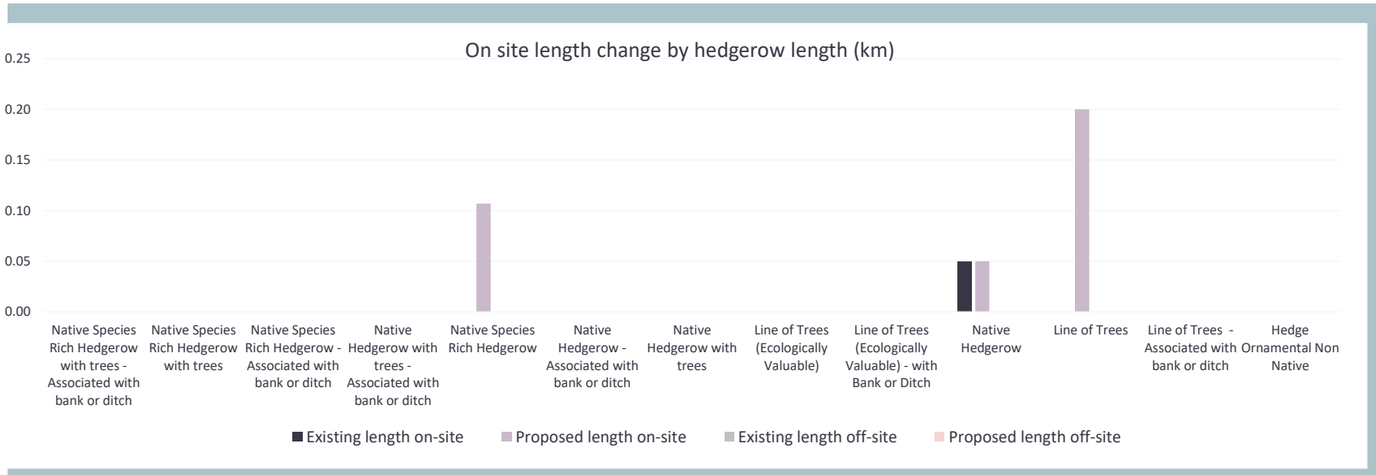

On-site and off-site habitat retention category biodiversity units
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
0.00
0.08
0.72
Units Retained
Baseline units proposed for enhancement
Units lost

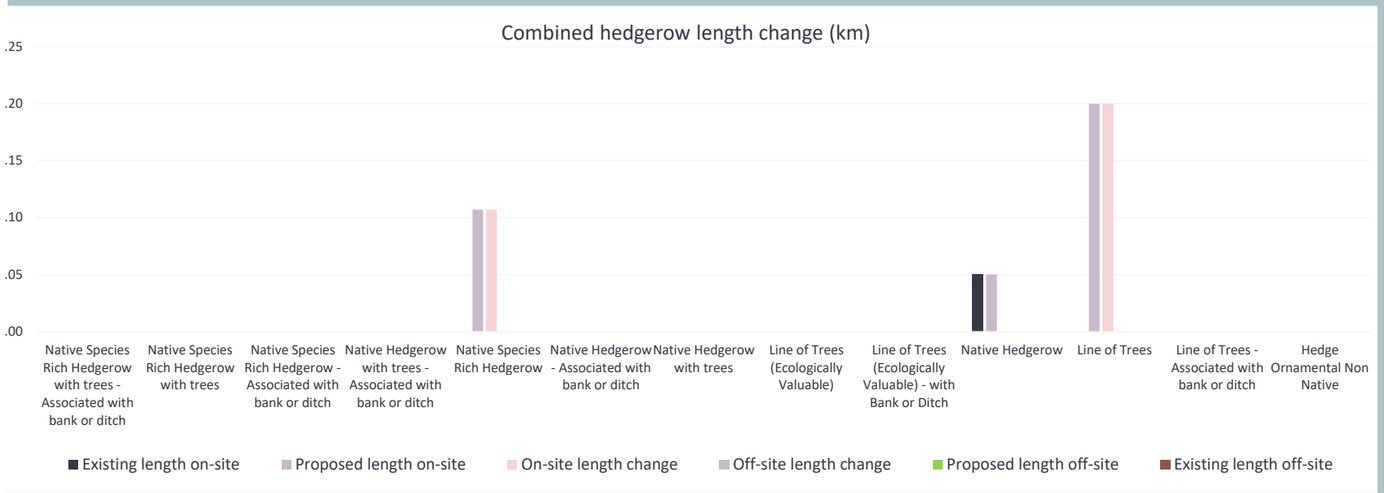

On site area change by habitat group
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
Cropland
Grassland
Heathland and shrub
Lakes
Sparsely vegetated land
Urban
Wetland
Woodland and forest
Intertidal sediment
Coastal saltmarsh
Rocky shore
Coastal lagoons
Intertidal Hard Structures
Existing area
Proposed area
Off-site proposed area

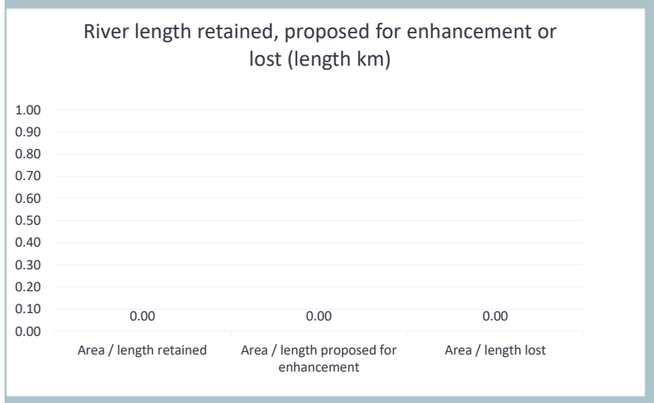

Combined habiat area change
0.40
0.30
0.20
0.10
0.00
-0.10
-0.20
-0.30
Cropland
Grassland
Heathland and shrub
Lakes
Sparsely vegetated land
Urban
Wetland
Woodland and forest
Intertidal sediment
Coastal saltmarsh
Rocky shore
Coastal lagoons
Intertidal Hard Structures
Existing area
Proposed area
Area change
Off-site area change
Off-site proposed area
Existing area

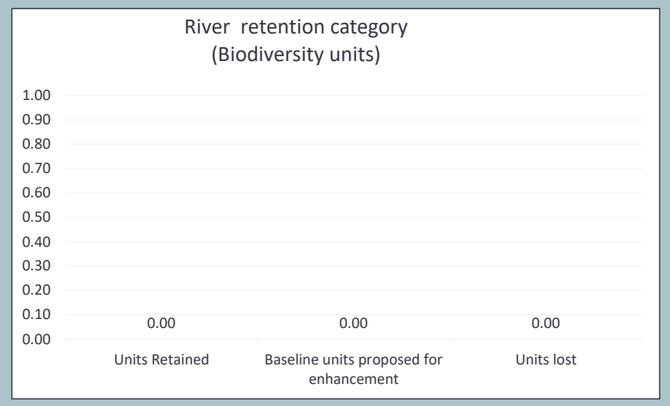

On-site and off-site hedge retention by category length (km)
0.06
0.05
0.04
0.03
0.02
0.01
0.00
0.05
0.00
0.00
Area / length retained
Area / length proposed for enhancement
Area / length lost

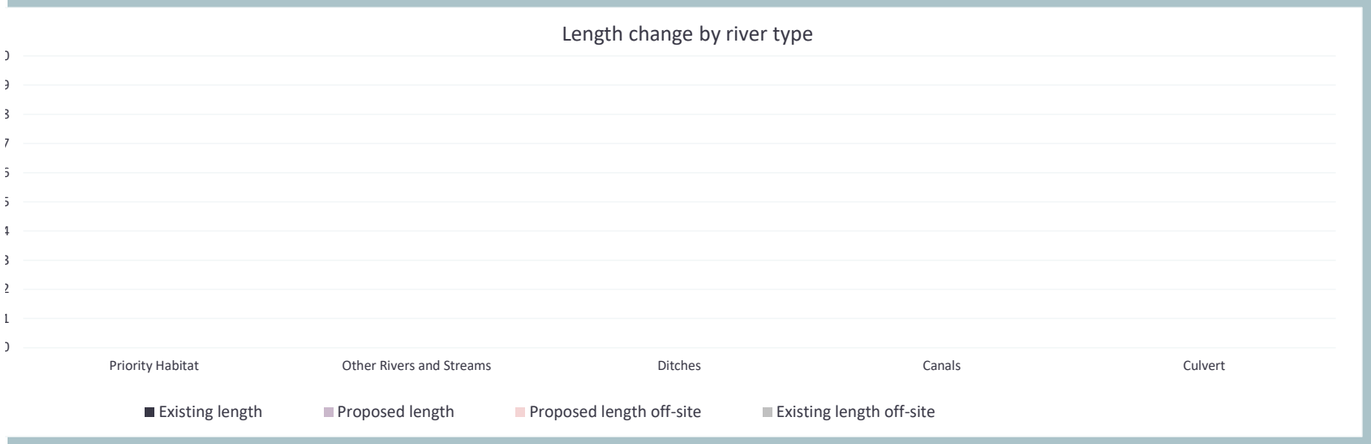

On-site and off-site hadge retention category biodiversity units
0.12
0.10
0.08
0.06
0.04
0.02
0.00
0.10
0.00
0.00
Units Retained
Baseline units proposed for enhancement
Units lost

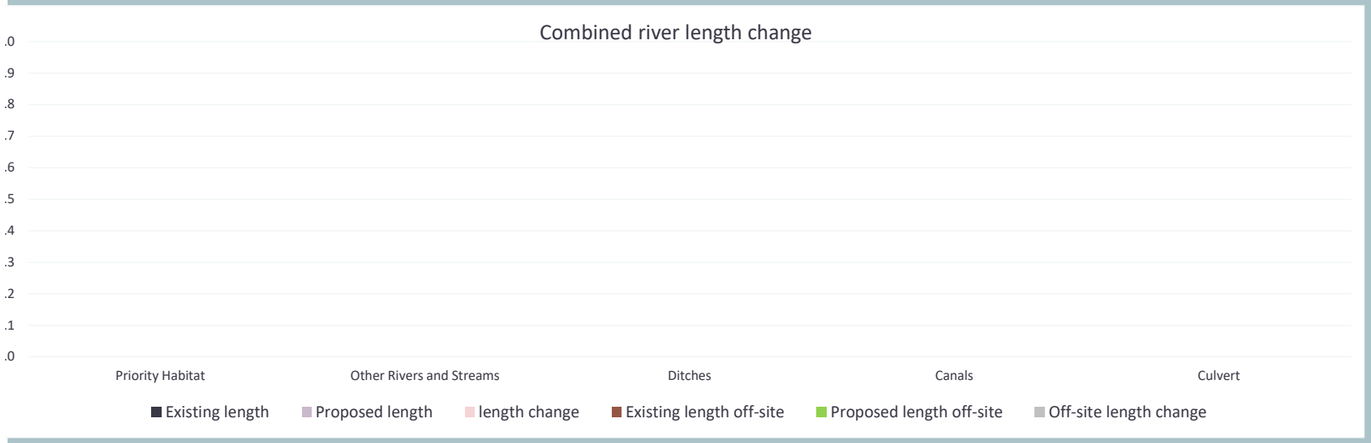

On site length change by hedgerow length (km)
0.25
0.20
0.15
0.10
0.05
0.00
Native Species Rich Hedgerow with trees - Associated with bank or ditch
Native Species Rich Hedgerow with trees
Native Species Rich Hedgerow - Associated with bank or ditch
Native Hedgerow with trees - Associated with bank or ditch
Native Species Rich Hedgerow
Native Hedgerow - Associated with bank or ditch
Native Hedgerow with trees
Line of Trees (Ecologically Valuable)
Line of Trees (Ecologically Valuable) - with Bank or Ditch
Native Hedgerow
Line of Trees
Line of Trees - Associated with bank or ditch
Hedge Ornamental Non Native
Existing length on-site
Proposed length on-site
Existing length off-site
Proposed length off-site


Combined hedgerow length change (km)
.25
.20
.15
.10
.05
.00
Native Species Rich Hedgerow with trees - Associated with bank or ditch
Native Species Rich Hedgerow with trees
Native Species Rich Hedgerow - Associated with bank or ditch
Native Hedgerow with trees - Associated with bank or ditch
Native Species Rich Hedgerow
Native Hedgerow - Associated with bank or ditch
Native Hedgerow with trees
Line of Trees (Ecologically Valuable)
Line of Trees (Ecologically Valuable) - with Bank or Ditch
Native Hedgerow
Line of Trees
Line of Trees - Associated with bank or ditch
Hedge Ornamental Non Native
Existing length on-site
Proposed length on-site
On-site length change
Off-site length change
Proposed length off-site
Existing length off-site


River length retained, proposed for enhancement or lost (length km)
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
0.00
0.00
0.00
Area / length retained
Area / length proposed for enhancement
Area / length lost


River retention category (Biodiversity units)
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
0.00
0.00
0.00
Units Retained
Baseline units proposed for enhancement
Units lost


Length change by river type
Priority Habitat
Other Rivers and Streams
Ditches
Canals
Culvert
Existing length
Proposed length
Proposed length off-site
Existing length off-site


Combined river length change
Priority Habitat
Other Rivers and Streams
Ditches
Canals
Culvert
Existing length
Proposed length
length change
Existing length off-site
Proposed length off-site
Off-site length change

Return to results menu

Trading Summary

Distinctiveness Group	Trading Rule	Trading Satisfied?
Very High	Bespoke compensation likely to be required	Yes
High	Same habitat required	Yes
Medium	Same broad habitat or a higher distinctiveness habitat required	No
Low	Same distinctiveness or better habitat required	No

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 - Upland hay meadows	Grassland	0.00	0.00	0.00	
Heathland and shrub - Mountain heaths and willow scrub	Heathland and shrub	0.00	0.00	0.00	
Lakes - Aquifer fed naturally fluctuating water bodies	Lakes	0.00	0.00	0.00	
Sparsely vegetated land - Calaminarian grasslands	Sparsely vegetated land	0.00	0.00	0.00	
Sparsely vegetated land - Limestone pavement	Sparsely vegetated land	0.00	0.00	0.00	
Wetland - Blanket bog	Wetland	0.00	0.00	0.00	
Wetland - Depressions on Peat substrates (H7150)	Wetland	0.00	0.00	0.00	
Wetland - Fens (upland and lowland)	Wetland	0.00	0.00	0.00	
Wetland - Lowland raised bog	Wetland	0.00	0.00	0.00	
Wetland - Oceanic Valley Mire[1] (D2.1)	Wetland	0.00	0.00	0.00	
Wetland - Purple moor grass and rush pastures	Wetland	0.00	0.00	0.00	
Wetland - Transition mires and quaking bogs (H7140)	Wetland	0.00	0.00	0.00	
Woodland and forest - Wood-pasture and parkland	Woodland and forest	0.00	0.00	0.00	
Rocky shore - High energy littoral rock - on peat, clay or chalk	Rocky shore	0.00	0.00	0.00	
Rocky shore - Moderate energy littoral rock - on peat, clay or chalk	Rocky shore	0.00	0.00	0.00	
Rocky shore - Low energy littoral rock - on peat, clay or chalk	Rocky shore	0.00	0.00	0.00	
Rocky shore - Features of littoral rock - on peat, clay or chalk	Rocky shore	0.00	0.00	0.00	
Intertidal sediment - Littoral seagrass on peat, clay or chalk	Intertidal sediment	0.00	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 defecit	0.00

High Distinctiveness

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 - Floodplain Wetland Mosaic (CFGM)	Grassland	0.00	0.00	0.00	
Grassland - Lowland calcareous grassland	Grassland	0.00	0.00	0.00	
Grassland - Tall herb communities	Grassland	0.00	0.00	0.00	
Grassland - Upland calcareous grassland	Grassland	0.00	0.00	0.00	
Heathland and shrub - Lowland Heathland	Grassland	0.00	0.00	0.00	
Heathland and shrub - Sea buckthorn scrub (Annex 1)	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 alkalinity lakes	Lakes	0.00	0.00	0.00	
Lakes - Low alkalinity lakes	Lakes	0.00	0.00	0.00	
Lakes - Marl Lakes	Lakes	0.00	0.00	0.00	
Lakes - Moderate alkalinity lakes	Lakes	0.00	0.00	0.00	
Lakes - Peat Lakes	Lakes	0.00	0.00	0.00	
Lakes - Ponds (Priority Habitat)	Lakes	0.00	0.00	0.00	
Lakes - Temporary lakes, ponds and pools	Lakes	0.00	0.00	0.00	
Sparsely vegetated land - Coastal sand dunes	Sparsely vegetated land	0.00	0.00	0.00	
Sparsely vegetated land - Coastal vegetated shingle	Sparsely vegetated land	0.00	0.00	0.00	
Sparsely vegetated land - Inland rock outcrop and scree habitats	Sparsely vegetated land	0.00	0.00	0.00	
Sparsely vegetated land - Maritime cliff and slopes	Sparsely vegetated land	0.00	0.00	0.00	
Urban - Open Mosaic Habitats on Previously Developed Land	Urban	0.00	0.00	0.00	
Wetland - Reedbeds	Wetland	0.00	0.00	0.00	
Woodland and forest - Felled	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Lowland beech and yew woodland	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 woodlands	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Upland birchwoods	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Upland mixed ashwoods	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 woodland	Woodland and forest	0.00	0.00	0.00	
Coastal lagoons - Coastal lagoons	Coastal lagoons	0.00	0.00	0.00	
Rocky shore - High energy littoral rock	Rocky shore	0.00	0.00	0.00	
Rocky shore - Moderate energy littoral rock	Rocky shore	0.00	0.00	0.00	
Rocky shore - Low energy littoral rock	Rocky shore	0.00	0.00	0.00	
Rocky shore - Features of littoral rock	Rocky shore	0.00	0.00	0.00	
Intertidal sediment - Littoral mud	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Littoral mixed sediments	Intertidal sediment	0.00	0.00	0.00	
Coastal saltmarsh - Saltmarshes and saline reedbeds	Coastal Saltmarsh	0.00	0.00	0.00	
Intertidal sediment - Littoral biogenic reefs - Mussels	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Littoral biogenic reefs - Sabellaria	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Features of littoral sediment	Intertidal sediment	0.00	0.00	0.00	
Intertidal sediment - Littoral muddy sand	Intertidal sediment	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 defecit	0.00
Unit Defecit; Like for like not satisfied	0.00

Medium Distinctiveness

Habitat Group	Group	On site unit change	Off Site Unit Change	Project wide unit change	Cumulative Broad Habitat Change
Cropland - Arable field margins cultivated annually	Cropland	0.00	0.00	0.00	0.00
Cropland - Arable field margins game bird mix	Cropland	0.00	0.00	0.00	
Cropland - Arable field margins pollen & nectar	Cropland	0.00	0.00	0.00	
Cropland - Arable field margins tussocky	Cropland	0.00	0.00	0.00	
Cropland - Cereal crops winter stubble	Cropland	0.00	0.00	0.00	
Grassland - Other lowland acid grassland	Grassland	0.00	0.00	0.00	0.13
Grassland - Other neutral grassland	Grassland	0.13	0.00	0.13	
Grassland - Upland acid grassland	Grassland	0.00	0.00	0.00	
Heathland and shrub - Blackthorn scrub	Heathland and shrub	0.00	0.00	0.00	-0.19
Heathland and shrub - Bramble scrub	Heathland and shrub	-0.28	0.00	-0.28	
Heathland and shrub - Gorse scrub	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Hawthorn scrub	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Hazel scrub	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Mixed scrub	Heathland and shrub	0.08	0.00	0.08	
Lakes - Ponds (Non- Priority Habitat)	Lakes	0.00	0.00	0.00	0.00
Lakes - Reservoirs	Lakes	0.00	0.00	0.00	
Sparsely vegetated land - Other inland rock and scree	Sparsely vegetated land	0.00	0.00	0.00	0.00
Urban - Brown roof	Urban	0.00	0.00	0.00	0.00
Urban - Cemeteries and churchyards	Urban	0.00	0.00	0.00	
Urban - Intensive green roof	Urban	0.00	0.00	0.00	
Woodland and forest - Other Scot's Pine woodland	Woodland and forest	0.00	0.00	0.00	0.00
Woodland and forest - Other woodland; broadleaved	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Other woodland; mixed	Woodland and forest	0.00	0.00	0.00	
Intertidal sediment - Littoral coarse sediment	Intertidal sediment	0.00	0.00	0.00	0.00
Intertidal sediment - Littoral sand	Intertidal sediment	0.00	0.00	0.00	
Intertidal Hard Structures - Artificial hard structures with Integrated Greening of Grey Infrastructure (IGGI)	Intertidal	0.00	0.00	0.00	
		-0.06	0.00	-0.06	

Medium Distinctiveness Summary

Medium Distinctiveness Units available to offset lower distinctiveness defecit	0.13
Medium Distinctiveness Broad Habitat Deficit to be offset by trading up	-0.19
Higher distinctiveness surplus units miunus Medium Distinctivenss Broad Habitat Defecit	0.00
Cumulative surplus of units	0.13

Low Distinctiveness

Habitat group	Group	On site unit change	Off Site Unit Change	Project wide unit change
Cropland - Cereal crops	Cropland	0.00	0.00	0.00
Cropland - Cereal crops other	Cropland	0.00	0.00	0.00
Cropland - Horticulture	Cropland	0.00	0.00	0.00
Cropland - Intensive orchards	Cropland	0.00	0.00	0.00
Cropland - Non-cereal crops	Cropland	0.00	0.00	0.00
Cropland - Temporary grass and clover leys	Cropland	0.00	0.00	0.00
Grassland - Modified grassland	Grassland	-0.39	0.00	-0.39
Grassland - Bracken	Grassland	0.00	0.00	0.00
Heathland and shrub - Rhododendron scrub	Heathland and shrub	0.00	0.00	0.00
Lakes - Ornamental lake or pond	Lakes	0.00	0.00	0.00
Sparsely vegetated land - Ruderal/Ephemeral	Sparsely vegetated land	-0.10	0.00	-0.10
Urban - Bioswale	Sparsely vegetated land	0.00	0.00	0.00
Urban - Allotments	Urban	0.00	0.00	0.00
Urban - Facade-bound green wall	Urban	0.00	0.00	0.00
Urban - Ground based green wall	Urban	0.00	0.00	0.00
Urban - Ground level planters	Urban	0.00	0.00	0.00
Urban - Extensive green roof	Urban	0.00	0.00	0.00
Urban - Introduced shrub	Urban	0.00	0.00	0.00
Urban - Rain garden	Urban	0.00	0.00	0.00
Urban - Sand pit quarry or open cast mine	Urban	0.00	0.00	0.00
Urban - Urban Tree	Urban	0.09	0.00	0.09
Urban - Sustainable urban drainage feature	Urban	0.00	0.00	0.00
Urban - Vacant/derelict land/ bareground	Urban	0.00	0.00	0.00
Urban - Vegetated garden	Urban	0.19	0.00	0.19
Woodland and forest - Other coniferous woodland	Woodland and forest	0.00	0.00	0.00
Coastal saltmarsh - Artificial saltmarshes and saline reedbeds	Coastal saltmarsh	0.00	0.00	0.00
Intertidal sediment - Artificial littoral coarse sediment	Intertidal sediment	0.00	0.00	0.00
Intertidal sediment - Artificial littoral mud	Intertidal sediment	0.00	0.00	0.00
Intertidal sediment - Artificial littoral sand	Intertidal sediment	0.00	0.00	0.00
Intertidal sediment - Artificial littoral muddy sand	Intertidal sediment	0.00	0.00	0.00
Intertidal sediment - Artificial littoral mixed sediments	Intertidal sediment	0.00	0.00	0.00
Intertidal sediment - Artificial littoral seagrass	Intertidal sediment	0.00	0.00	0.00
Intertidal sediment - Artificial littoral biogenic reefs	Intertidal sediment	0.00	0.00	0.00
Intertidal Hard Structures - Artificial hard structures	Intertidal	0.00	0.00	0.00
Intertidal Hard Structures - Artificial features of hard structures	Intertidal	0.00	0.00	0.00
Heathland and shrub - Sea buckthorn scrub (other)	Heathland and shrub	0.00	0.00	0.00
		-0.20		-0.20

Low Distinctiveness Summary

Low Distinctiveness Net Change in Units	-0.20
Cumulative surplus of units	-0.07

Phase 2- Parkwood Road, Golcar

A-1 Site Habitat Baseline

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	Habitats and areas			Distinctiveness		Condition		Strategic significance			Suggested action to address habitat losses	Ecological baseline	Retention category biodiversity value						Bespoke compensation agreed for unacceptable losses	Comments	
Ref	Broad habitat	Habitat type	Area (hectares)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic Significance multiplier		Total habitat units	Area retained	Area enhanced	Baseline units retained	Baseline units enhanced	Area lost	Units lost		Assessor comments	Reviewer comments
1	Grassland	Modified grassland	0.21	Low	2	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same distinctiveness or better habitat required	0.42		0.01	0.00	0.02	0.20	0.40		Phase 2: Fails most of the condtion criteria (1, 2, 4, 5)	
2	Heathland and shrub	Bramble scrub	0.06	Medium	4	Poor	1	Within area formally identified in local strategy	High strategic significance	1.15	Same broad habitat or a higher distinctiveness habitat required	0.28		0.01	0.00	0.05	0.05	0.23		Phase 2 : single woody species cover is greater than 75% with a single age of scrub present, condition assesment criteria failed 1, 2, 5. Low distinctiveness habitat (bramble) and the single woody species cover is greater than 75% with a single age of scrub present, condition assesment criteria failed. Scrub is a Habitats of Principal Importance in Kirkless - Primarily Valley Slopes and Pennine Foothills but can occur elsewhere, therefore identified in local strategy.	
3	Sparsely vegetated land	Ruderal/Ephemeral	0.05	Low	2	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same distinctiveness or better habitat required	0.10		0.005	0.00	0.01	0.05	0.09		Phase 2: Low biodiversity value due to domination of weeds (common nettle, willowherb, creeping thistle, hogweed, ragwort, broadleaved dock, cow parsley). Fails condition 1, 3 And 4.	
4																					
5																					
			0.32									0.80	0.00	0.03	0.00	0.08	0.30	0.72			

Phase 2- Parkwood Road, Golcar

A-2 Site Habitat Creation

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Post development/ post intervention habitats																						
			Distinctiveness		Condition		Strategic significance			Temporal multiplier					Difficulty multipliers					Comments	
Broad Habitat	Proposed habitat	Area (hectares)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic position 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	Habitat units delivered	Assessor comments	Reviewer comments
Urban	Developed land; sealed surface	0.18	V.Low	0	N/A - Other	0	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	0			Standard time to target condition applied	0	1.000	Low	Standard difficulty applied	Medium	0.67	0.00	Buildings and hardstanding	
Urban	Vegetated garden	0.1	Low	2	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	1			Standard time to target condition applied	1	0.985	Low	Standard difficulty applied	Low	1	0.19	Gardens and amenity grassland areas	
Grassland	Other neutral grassland	0.015	Medium	4	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	5			Standard time to target condition applied	5	0.837	Low	Standard difficulty applied	Low	1	0.10	Species rich grassland to be created	
Urban	Urban Tree	0.0335	Medium	4	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	10			Standard time to target condition applied	10	0.700	Low	Standard difficulty applied	Low	1	0.09	Trees to be planted in the areas that can be managed outside individual plots	
	Total area	0.30																Total Units	0.39			

Phase 2- Parkwood Road, Colcar

A-3 Site Habitat Enhancement

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Baseline habitats											Post development/ post intervention habitats																						Comments	
											Proposed Habitat (Pre-Populated but can be overridden)		Change in distinctiveness and condition							Strategic significance			Temporal risk multiplier						Difficulty risk multipliers				Habitat units delivered		
Baseline ref	Baseline habitat	Total habitat area	Baseline distinctiveness band	Baseline distinctiveness score	Baseline condition category	Baseline condition score	Baseline strategic significance category	Baseline strategic significance score	Baseline habitat units	Suggested action to address habitat losses	Proposed Broad Habitat	Proposed habitat	Distinctiveness change	Condition change	Area (hectares)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic position multiplier	Standard time to target condition/years	Habitat enhanced in advance/years	Delay in starting habitat enhancement/years	Standard or adjusted time to target condition	Final time to target condition/years	Final time to target multiplier	Standard difficulty of enhancement	Applied difficulty multiplier	Final difficulty of enhancement	Difficulty multiplier applied		Assessor comments	Reviewer comments
1	Grassland - Modified grassland	0.21	Low	2	Poor	1	Low Strategic Significance	1	0.42	Same distinctiveness or better habitat required	Grassland	Modified grassland	Low - Low	Poor - Moderate	0.01	Low	2	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	10			Standard time to target condition applied	10	0.700	Low	Standard difficulty applied	Low	1	0.03	Retained grassland to be seeded with a species rich grassland mix and managed to reach a moderate condition	
2	Heathland and shrub - Bramble scrub	0.06	Medium	4	Poor	1	High strategic significance	1.15	0.28	Same broad habitat or a higher distinctiveness habitat required	Heathland and shrub	Mixed scrub	Medium - Medium	Poor - Moderate	0.01	Medium	4	Moderate	2	Within area formally identified in local strategy	High strategic significance	1.15	8			Standard time to target condition applied	8	0.837	Low	Standard difficulty applied	Low	1	0.08	Retained areas of dense scrub to be enhanced with planting of additional species and management to reach a moderate condition. This scrub to increase structural diversity and control of undesirable species to maintain coverage of these below 20%	
3	Sparsely vegetated land - Rubble/ffgthemeral	0.05	Low	2	Poor	1	Low Strategic Significance	1	0.10	Same distinctiveness or better habitat required	Grassland	Other neutral grassland	Low - Medium	Lower Distinctiveness Habitat - Moderate	0.005	Medium	4	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	10			Standard time to target condition applied	10	0.700	Low	Standard difficulty applied	Low	1	0.03	species rich grassland to be created in place of tall ruderal vegetation	
															0.03																	0.15		

Phase 2- Parkwood Road, Golcar

D-1 Off Site Habitat Baseline

Condense / Show Columns | Condense / Show Rows

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	Habitats and areas			Habitat distinctiveness		Habitat condition		Strategic significance				Ecological baseline	Retention category biodiversity value						Bespoke compensation agreed for unacceptable losses	Comments	
Baseline ref	Broad habitat	Habitat type	Area (hectares)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic position multiplier	Suggested action to address habitat losses	Total habitat units	Area retained	Area enhanced	Baseline units retained	Baseline units enhanced	Area lost	Units lost		Assessor comments	Reviewer comments
1																					
2																					
3																					
4																					
5																					
			0.00								Total Site baseline	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

Phase 2- Parkwood Road, Golcar

D-2 Off Site Habitat Creation

Condense / Show Columns | Condense / Show Rows

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Post development/ post intervention habitats																							Comments	
							Strategic significance			Temporal risk multiplier					Difficulty risk multipliers				Spatial risk multiplier					
Broad Habitat	Proposed habitat	Area ha	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic position 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	Spatial risk category	Spatial risk multiplier	Habitat units delivered	Assessor comments	Reviewer comments
	Total Length	0.00																			Total Units	0.00		

Phase 2- Parkwood Road, Golcar

D-3 Off Site Habitat Enhancment

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Baseline habitats											Proposed Habitat (Pre-Populated but can be overridden)		Change in distinctiveness and condition	
Baseline ref	Baseline habitat	Total habitat area	Baseline distinctiveness band	Baseline distinctiveness score	Baseline condition category	Baseline condition score	Baseline strategic significance category	Baseline strategic significance score	Baseline habitat units	Suggested action to address habitat losses	Proposed Broad Habitat	Proposed Habitat	Distinctiveness change	Condition change
											Grassland	Other neutral grassland		
												Other neutral grassland		

Area ha	Distinctiveness	Score	Condition	Score	Strategic significance	
					Strategic significance	Strategic significance
#N/A	Medium	4	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance
#N/A	Medium	4	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance

#N/A

#N/A

Change in broad habitat type detected. Check compliance with guidance.

development/ post intervention habitats

	Temporal multiplier						Difficulty multipliers				Spatial risk multiplier		Habitat units delivered	Comments	
Strategic position multiplier	Standard time to target condition/years	Habitat enhanced in advance/years	Delay in starting habitat enhancement/years	Standard or adjusted time to target condition	Final time to target condition/years	Final time to target multiplier	Difficulty of enhancement category	Applied difficulty multiplier	Difficulty	Difficulty multiplier applied	Spatial risk category	Spatial risk multiplier		Assessor comments	Reviewer comments
1							Low		Low		Compensation inside LPA or NCA, or deemed to be sufficiently local, to site of biodiversity loss	1		Areas of tall ruderal vegetation to be enhanced by converting to species rich grassland with mixed scattered scrub. This has raised a change in broad habitat detected from the spreadsheet but this is an acceptable habitat enhancement (as per the A-3 tab).	
1							Low		Low		Compensation inside LPA or NCA, or deemed to be sufficiently local, to site of biodiversity loss	1		Overseeing of grassland with species rich mix followed by long-term management to improve the quality and reach the target condition / habitat	
													0.00		

B-1 Site Hedge Baseline

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	UK Habitats - existing habitats			Habitat distinctiveness		Habitat condition		Strategic significance			Suggested action to address habitat losses	Ecological baseline	Retention category biodiversity value						Comments	
Baseline ref	Hedge number	Hedgerow type	Length KM	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic position multiplier		Total hedgerow units	Length retained	Length enhanced	Units retained	Units enhanced	Length lost	Units lost	Assessor comments	Reviewer comments
1	H1a	Native Hedgerow	0.02	Low	2	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same distinctiveness band or better	0.04	0.02		0.04	0.00	0.00	0.00	Phase 2: Hedgerow condtion assesment- fails seven attributes and three functional groups (B,C and D). Boundary hedgerow so cant be enhanced, will be retained.	
2	H1b	Native Hedgerow	0.03	Low	2	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same distinctiveness band or better	0.06	0.03		0.06	0.00	0.00	0.00	Phase 2: Hedgerow condtion assesment- fails seven attributes and three functional groups (B,C and D). Boundary hedgerow so cant be enhanced, will be retained.	
3																				
4																				
5																				
6																				
7																				
			0.05									0.10	0.05	0.00	0.10	0.00	0.00	0.00		

B-2 Site Hedge Creation

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		Proposed habitats		Habitat distinctiveness		Habitat condition		Strategic significance			Temporal multiplier					Difficulty risk multipliers				Hedge units delivered	Comments	
Baseline ref	New hedge number	Habitat type	Length km	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic position 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		Assessor comments	Reviewer comments
1	HA	Native Species Rich Hedgerow	0.04	Medium	4	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	5	0	0	Standard time to target condition applied	5	0.837	Low	Standard difficulty applied	Low	1	0.27	New native hedgerows with a minimum of 5 native species per 30m	
2	HB	Native Species Rich Hedgerow	0.04	Medium	4	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	5	0	0	Standard time to target condition applied	5	0.837	Low	Standard difficulty applied	Low	1	0.27	New native hedgerows with a minimum of 5 native species per 30m	
3		Line of Trees	0.2	Low	2	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	5			Standard time to target condition applied	5	0.837	Low	Standard difficulty applied	Low	1	0.33	Phase 2: Planting of native species in a linear fashion with trees less than 20m from one another around the site boundary (including within gardens to maintain the corridor, these are labelled as other in Figure 2) around the site.	
4	HD	Native Species Rich Hedgerow	0.027	Medium	4	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	5	0	0	Standard time to target condition applied	5	0.837	Low	Standard difficulty applied	Low	1	0.18	New native hedgerows with a minimum of 5 native species per 30m	
5																							
6																							
7																							
			0.31																		1.05		