

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

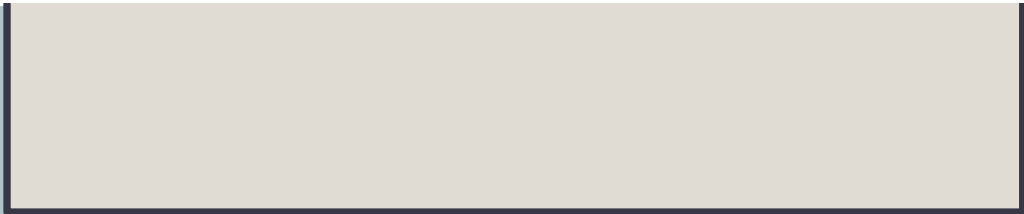
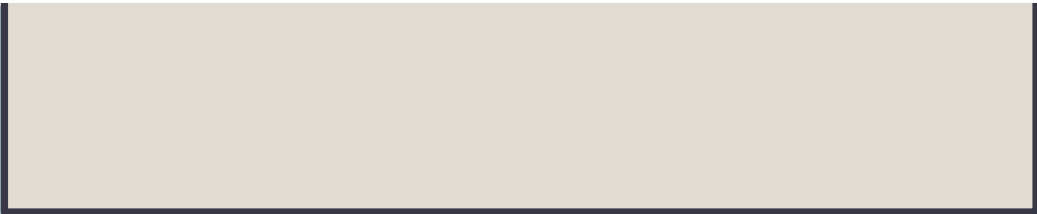
Reset view

On-site baseline map

Insert

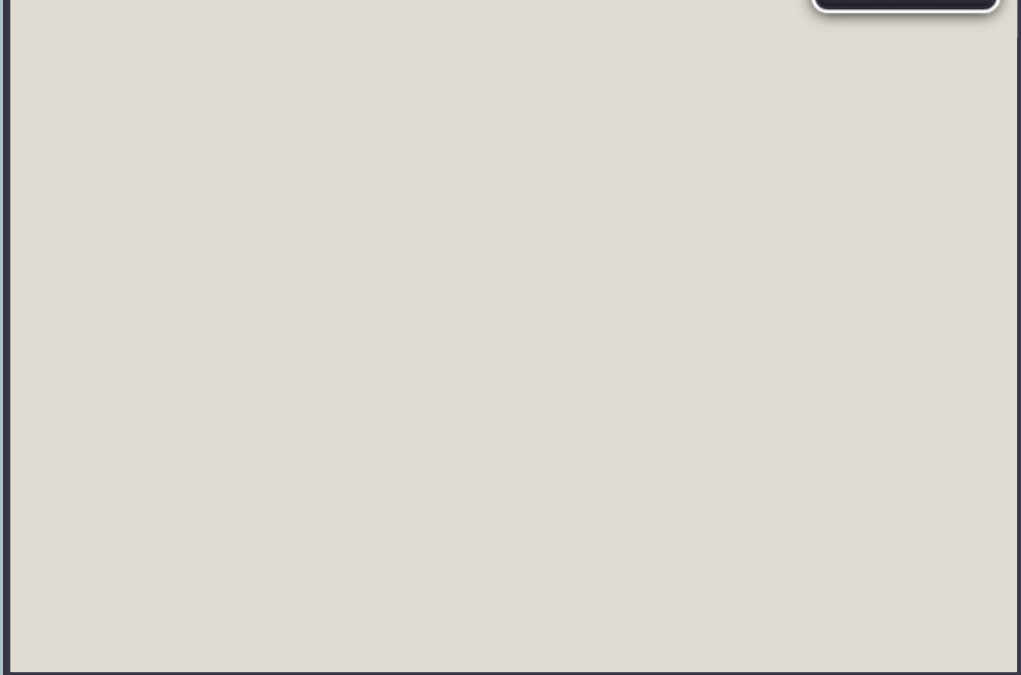
On-site post intervention map

Insert



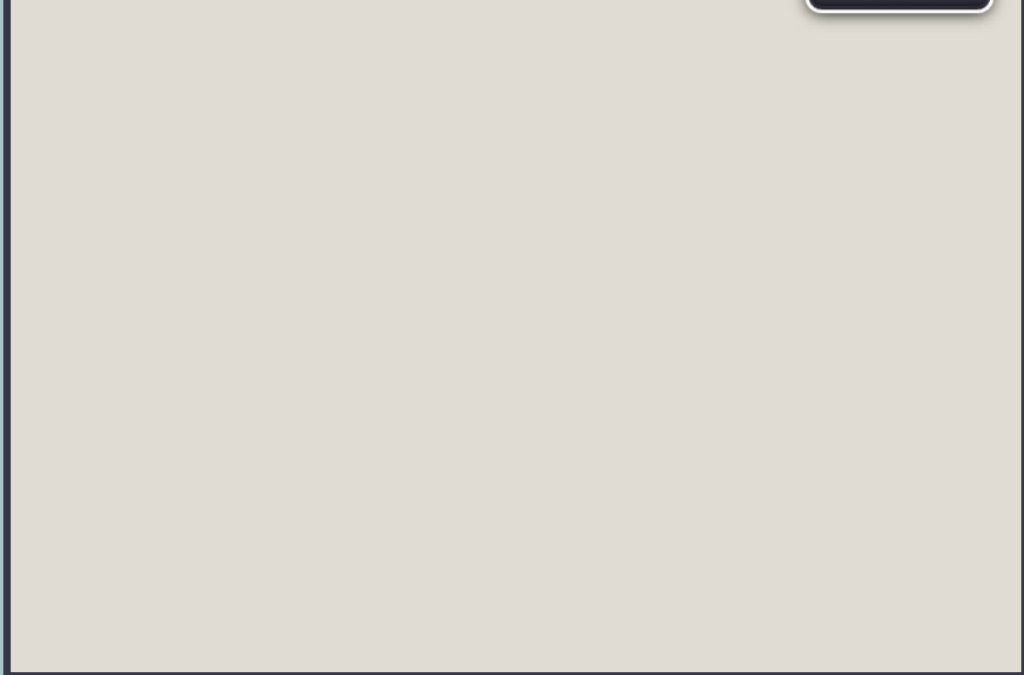
Off-site baseline map

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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Instructions

Technical data

Results

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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

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Headline results

Detailed results

Habitat trading
summary

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

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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

Area Habitats

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

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

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

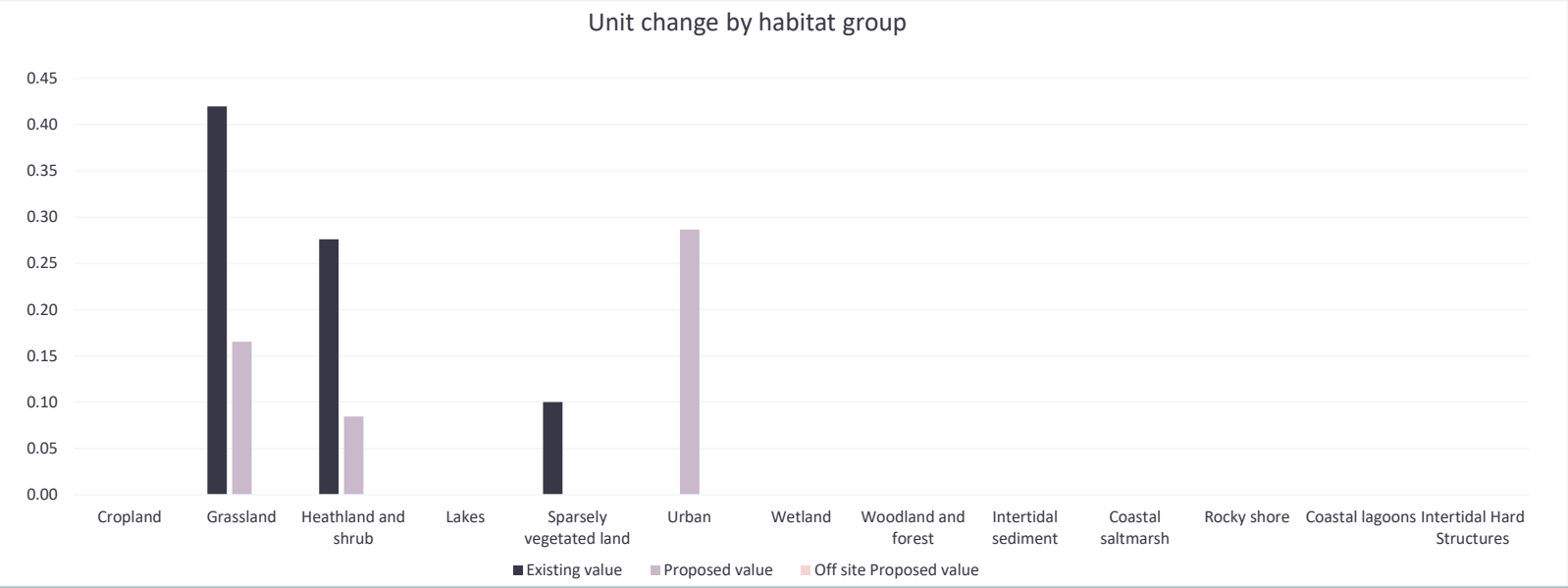
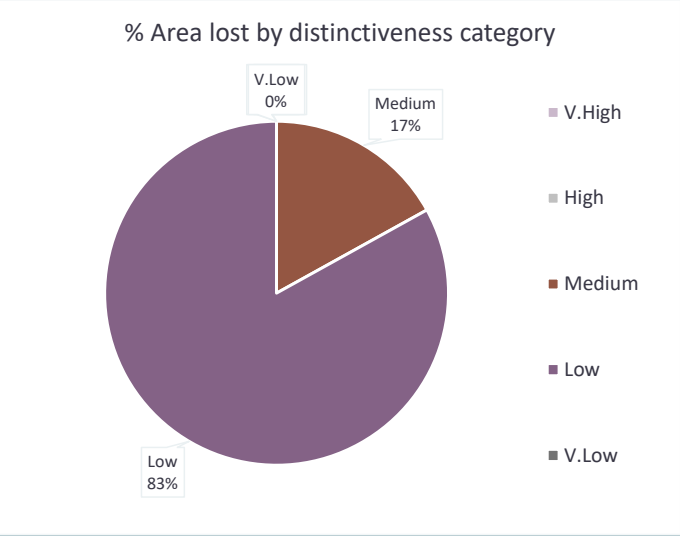
On site change by river type						
	Baseline		Post development on site		Onsite Change	
River type	Existing length	Existing value	Proposed length	Proposed value	length change	Onsite Unit change
Priority Habitat	0.0	0.0	0.0	0.0	0.0	0.0
Other Rivers and Streams	0.0	0.0	0.0	0.0	0.0	0.0
Ditches	0.0	0.0	0.0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

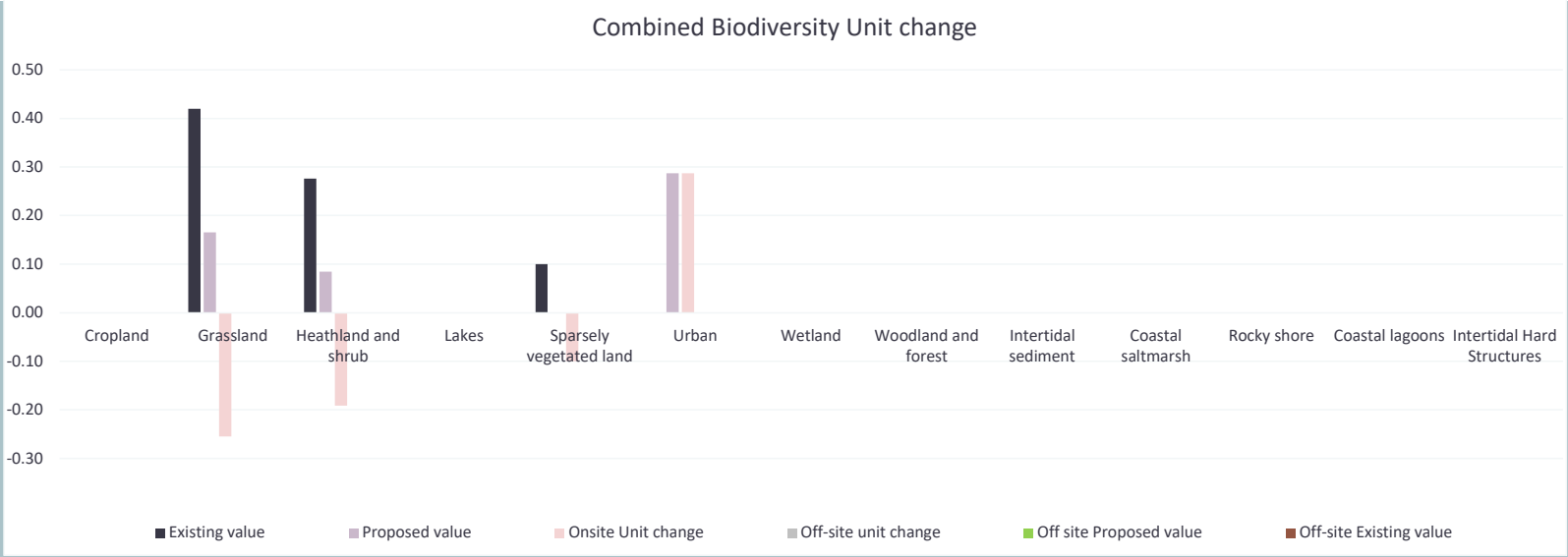
Off site change by river type						
	Baseline		Post development off-site		Off-site Change	
River type	Existing length off-site	Existing value off-site	Proposed length off-site	Proposed value off-site	Off-site length change	Off-site unit change
Priority Habitat	0.0	0.0	0.0	0.0	0.0	0.0
Other Rivers and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

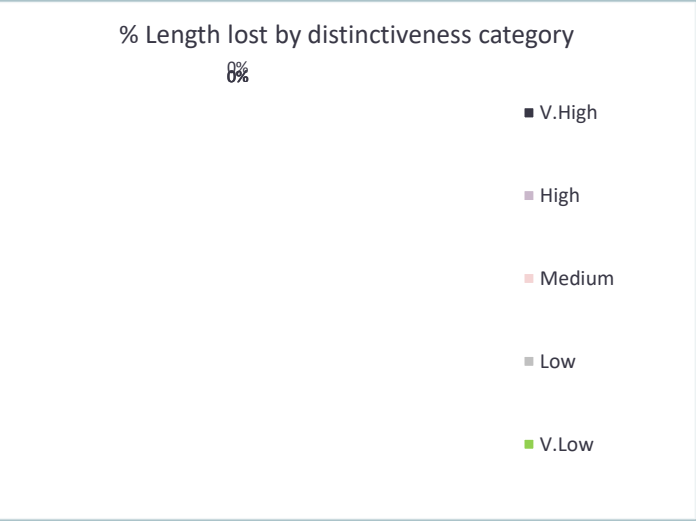


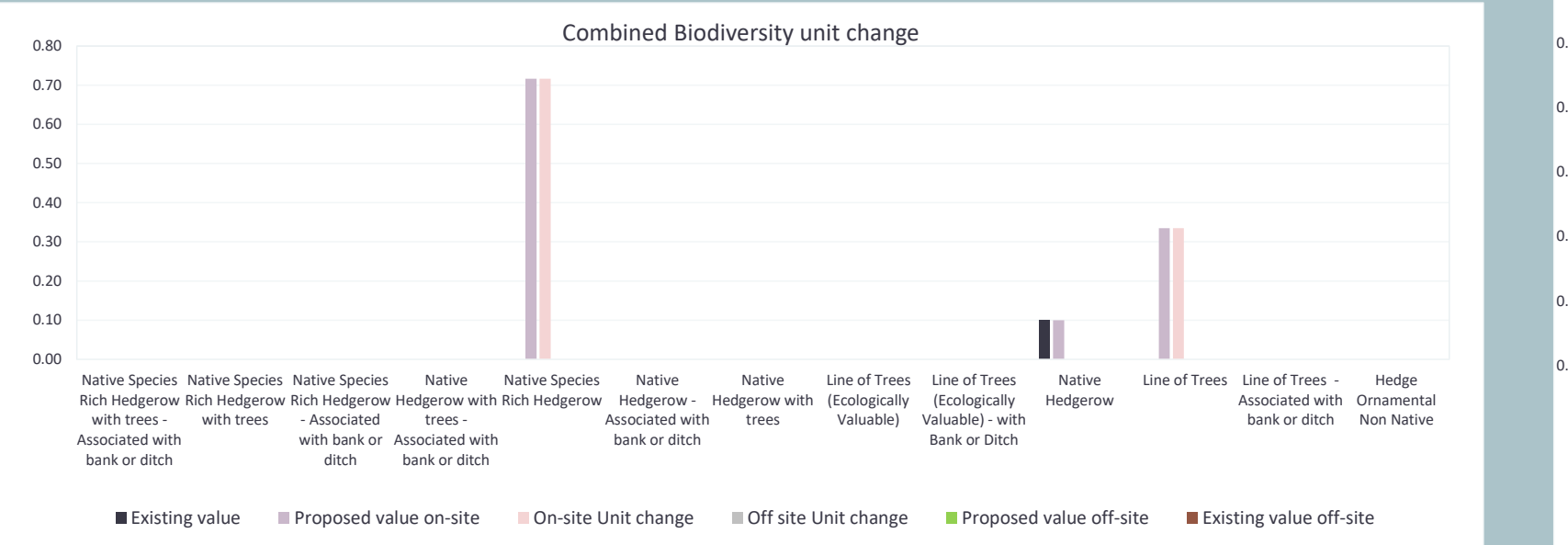
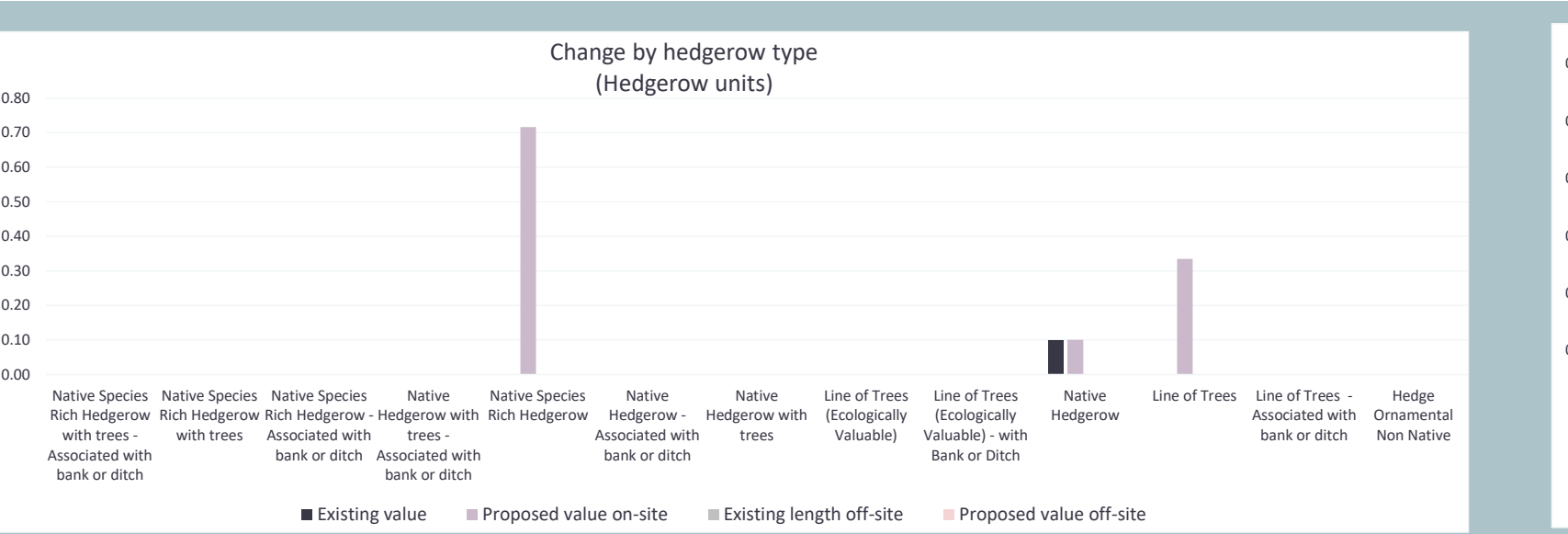
Combined area lost by distinctiveness band		
Category	Area lost (hectares)	Area lost (%)
V.High	0	
High	0	
Medium	0.05	17
Low	0.245	83
V.Low	0	



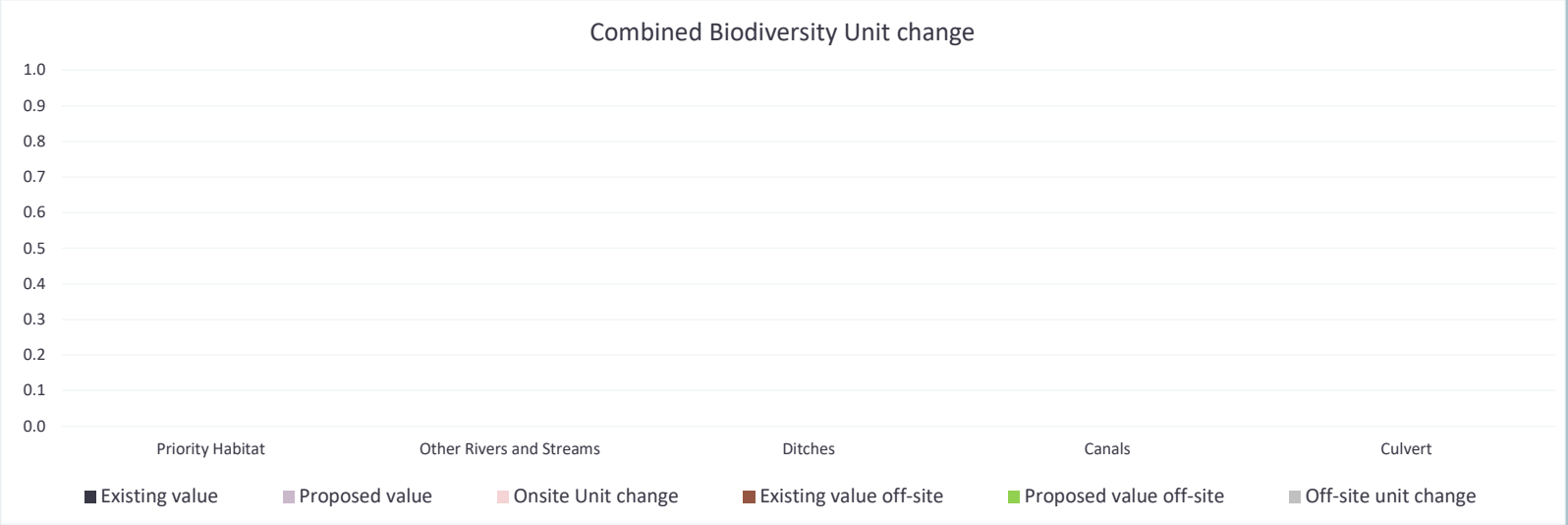
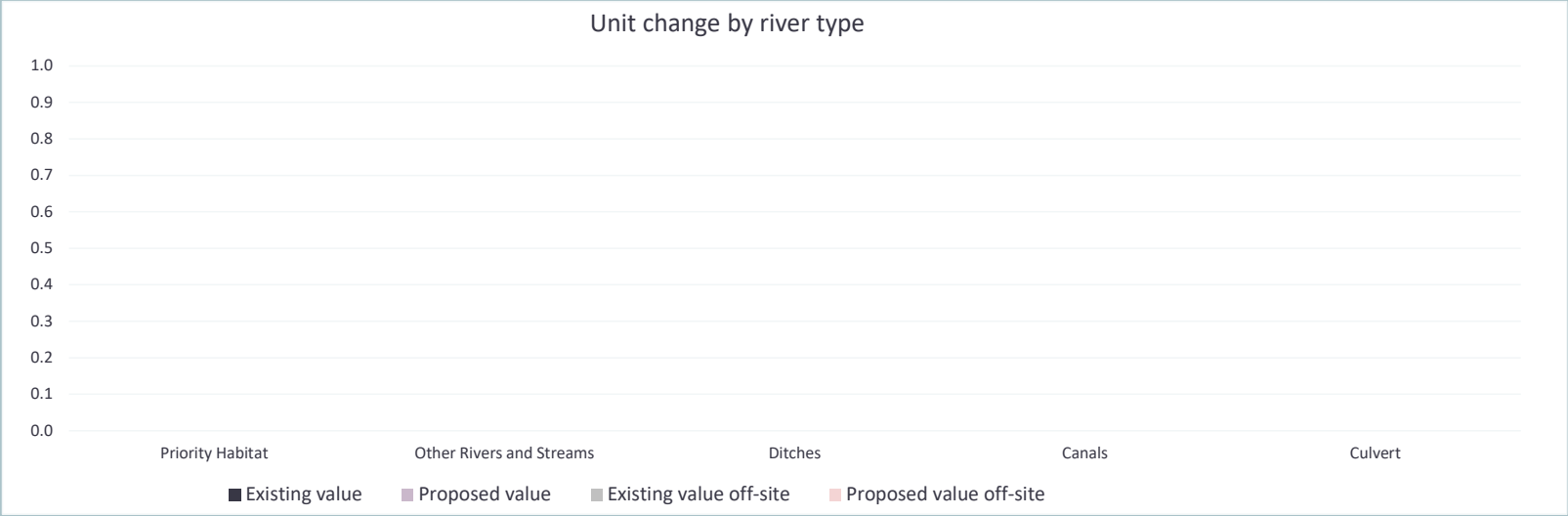
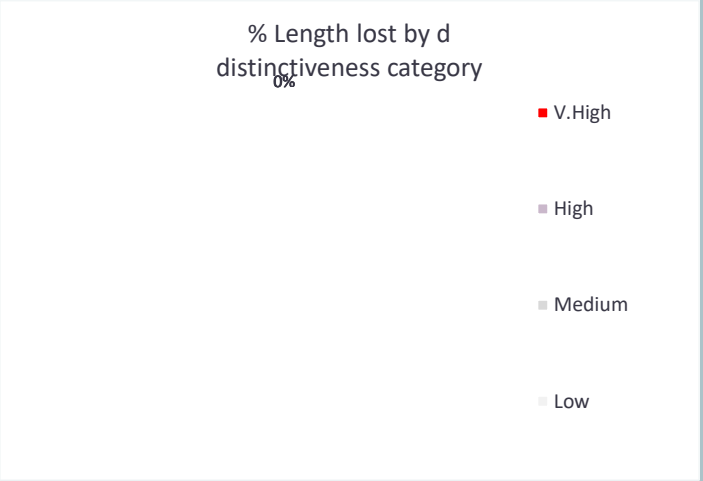


Combined length lost by distinctiveness band		
Category	Length lost (KM)	Length lost (%)
V.High	0	
High	0	
Medium	0	
Low	0	
V.Low	0	

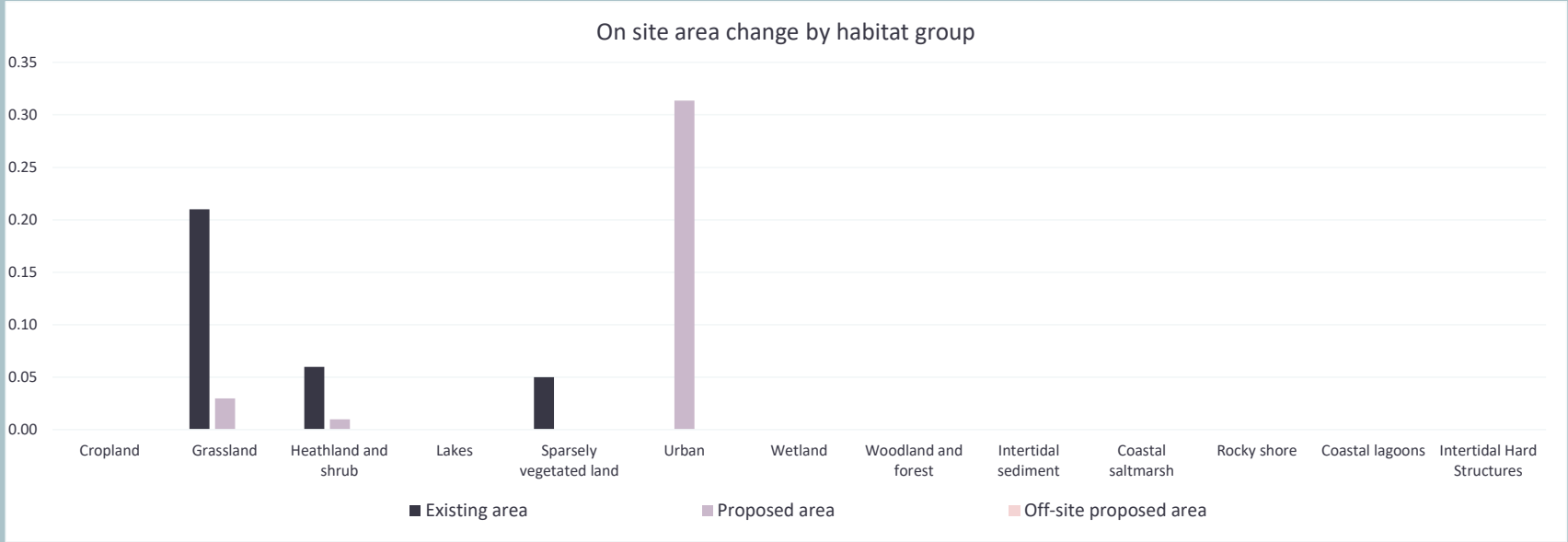
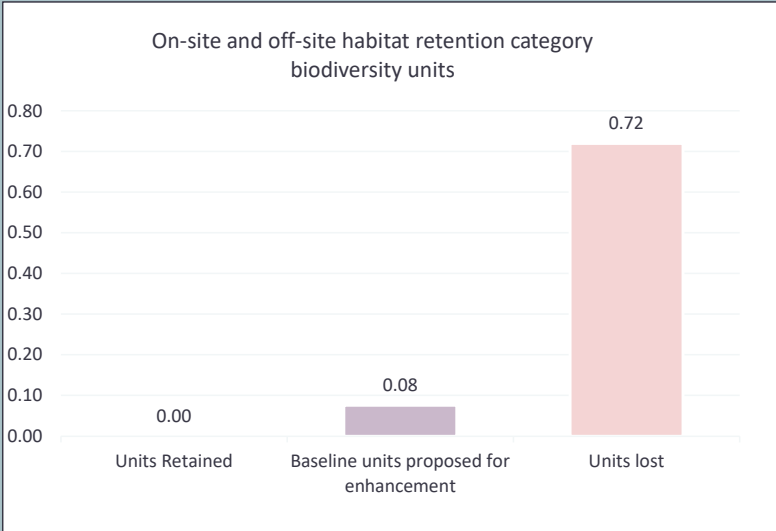
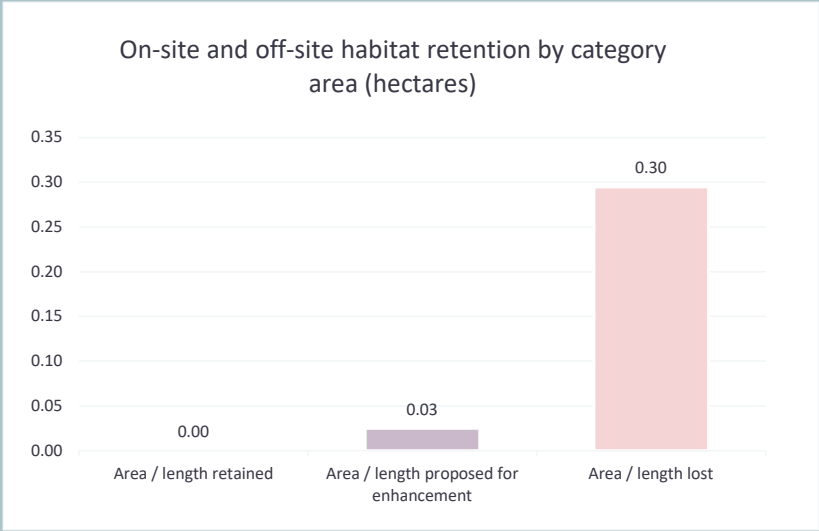


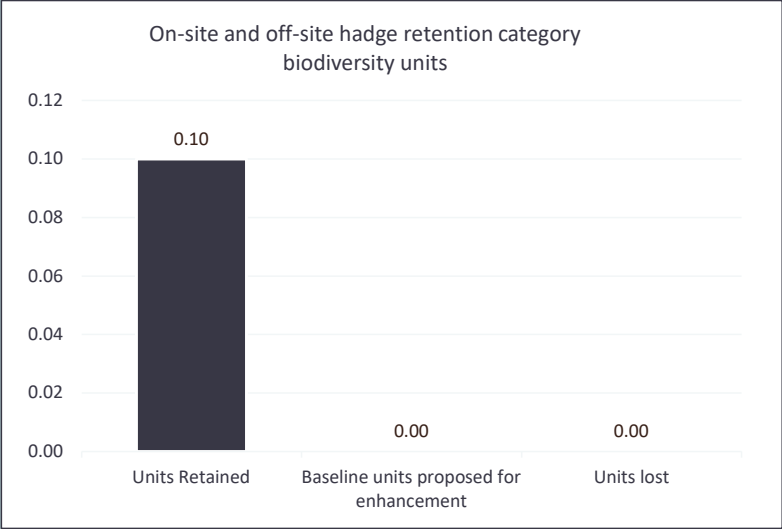
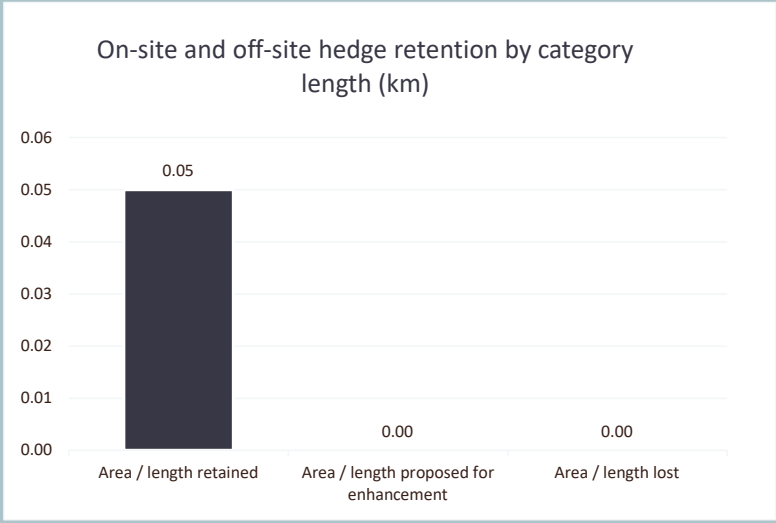
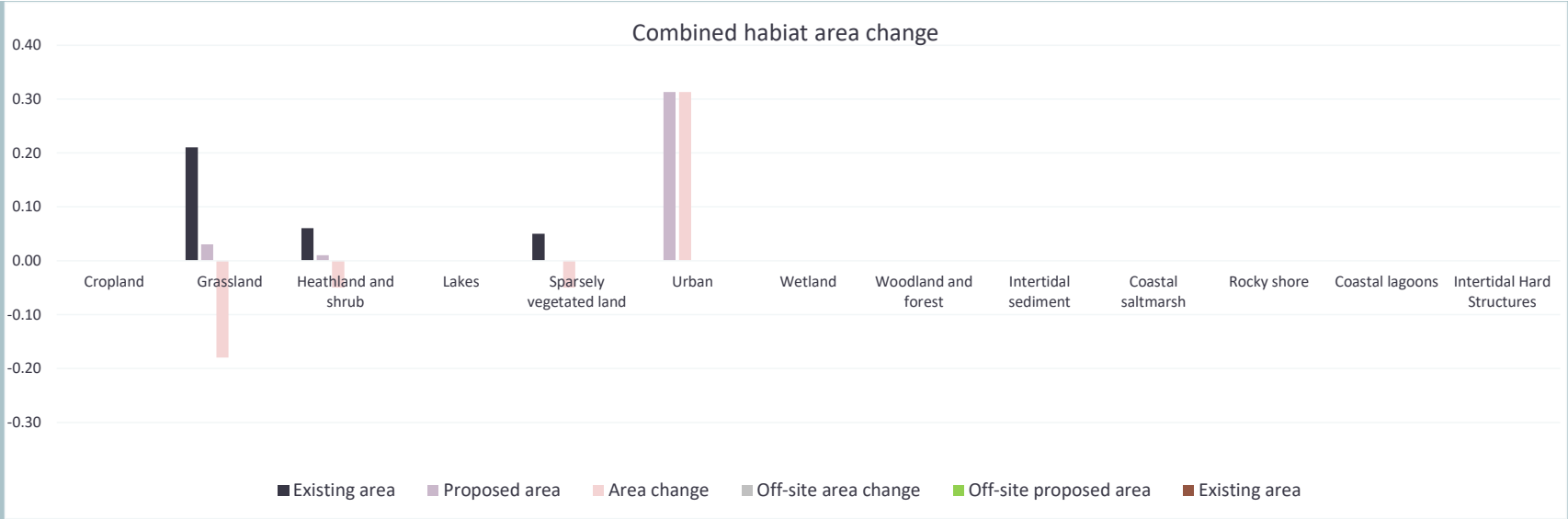


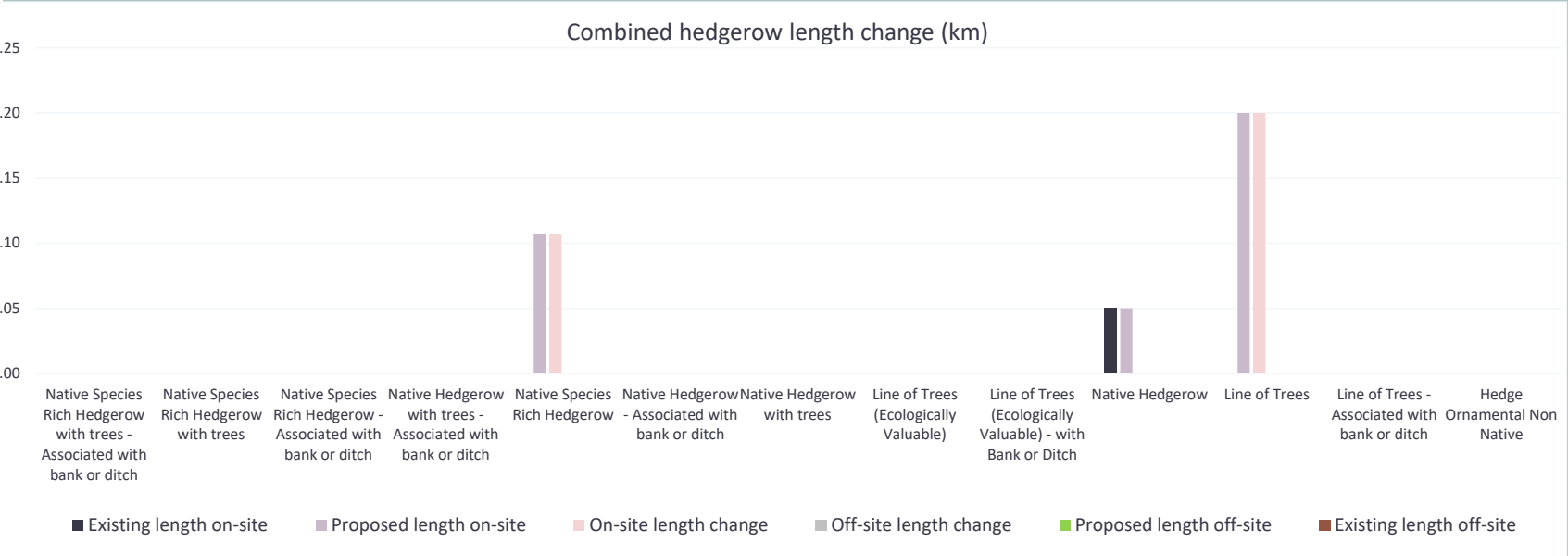
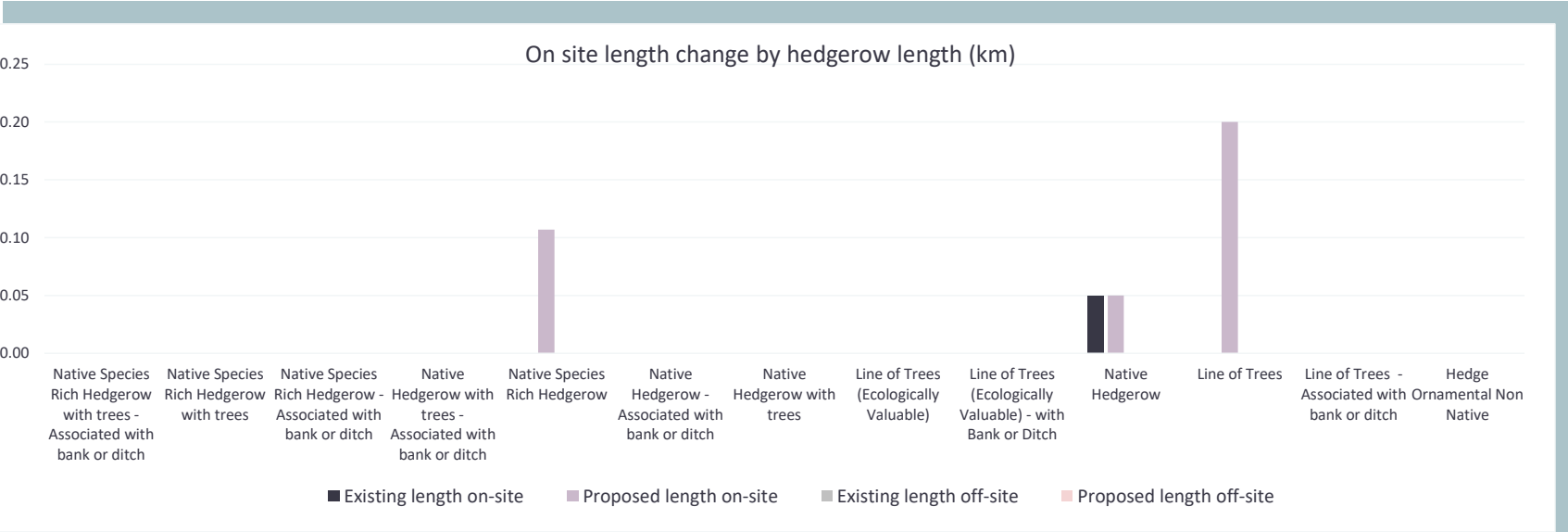
Combined length lost by distinctiveness band		
Category	Length lost (KM)	Length lost (%)
V.High	0	
High	0	
Medium	0	
Low	0	

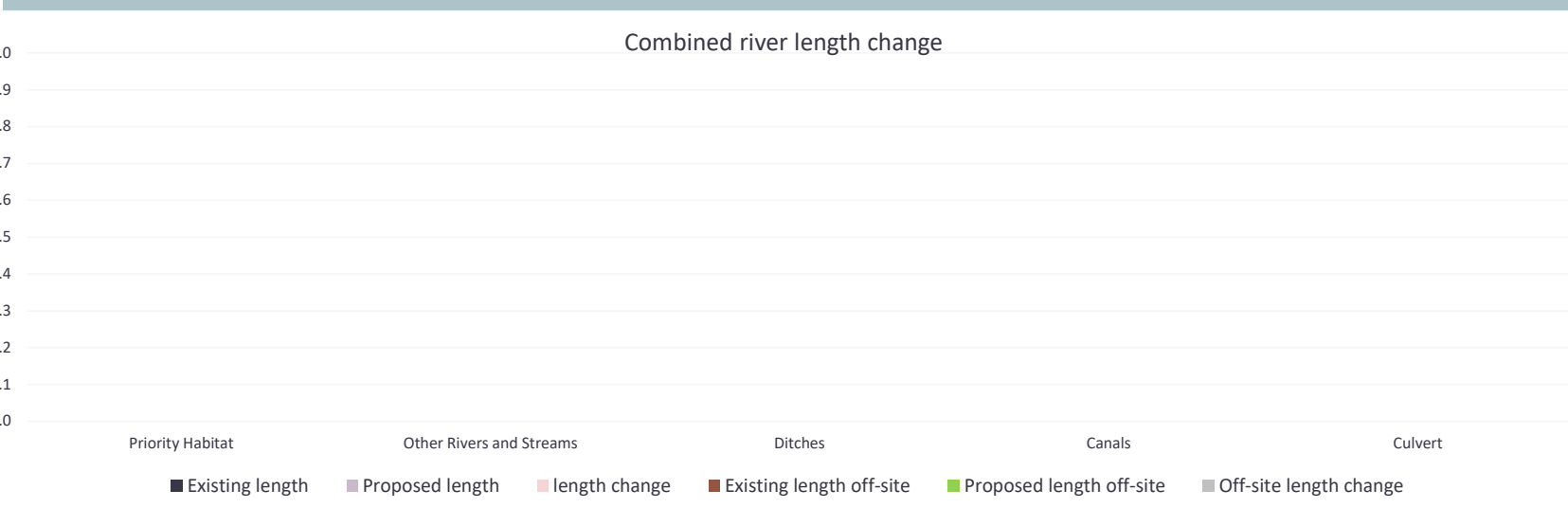
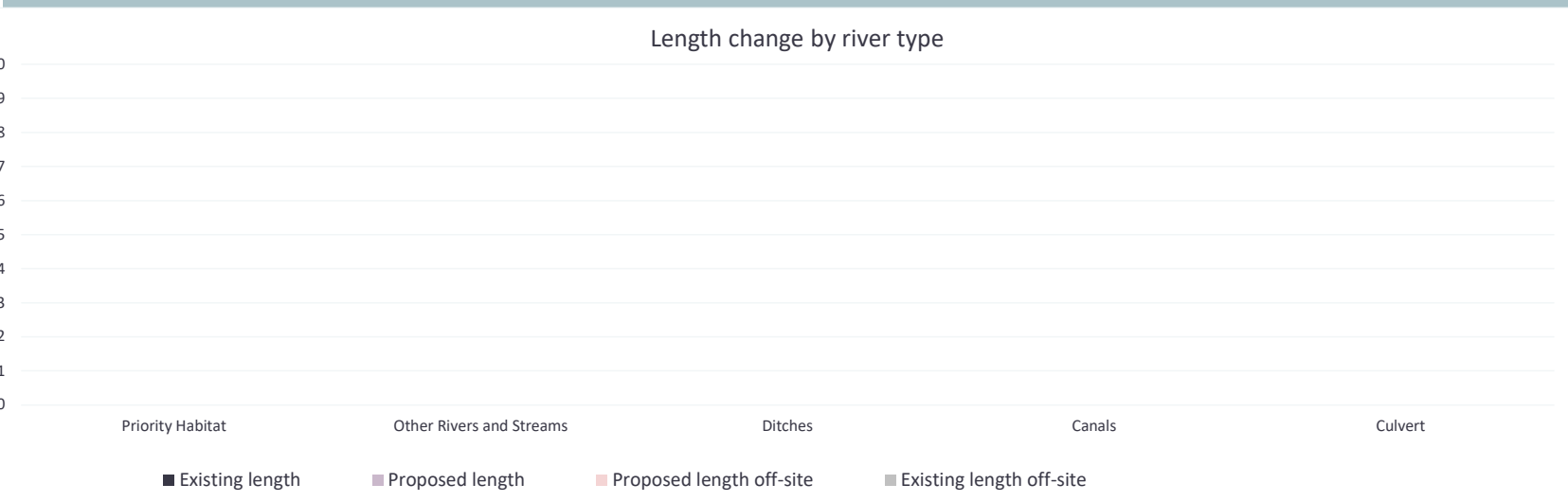
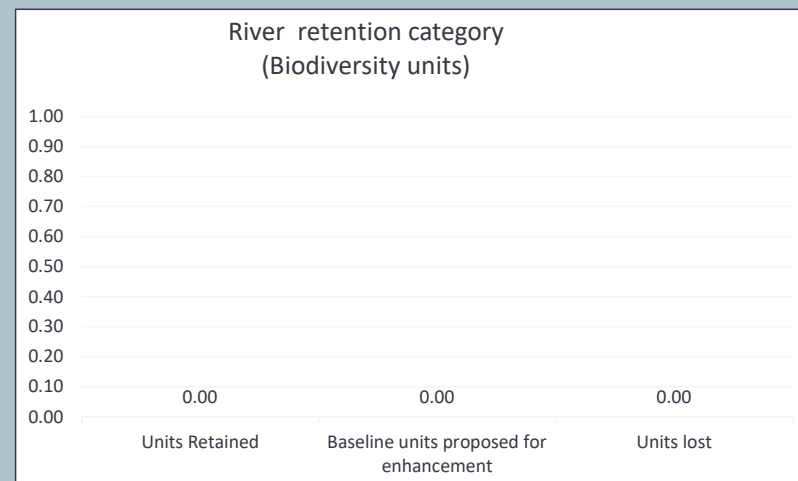












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results
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Trading Summary		
Distinctiveness Group	Trading Rule	Trading Satisfied?
Very High	Bespoke compensation likely to be required	Yes
High	Same habitat required	Yes
Medium	Same broad habitat or 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 deficit	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 deficit	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 deficit	0.13
Medium Distinctiveness Broad Habitat Deficit to be offset by trading up	-0.19
Higher distinctiveness surplus units minus 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

Habitats and areass				Distinctiveness		Condition		Strategic significance			Suggested action to address habitat losses	Ecological baseline
Ref	Broad habitat	Habitat type	Area (hectares)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic Significance multiplier		Total habitat units
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
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
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
4												
5												
			0.32									0.80

Retention category biodiversity value						Bespoke compensation agreed for unacceptable losses	Comments	
Area retained	Area enhanced	Baseline units retained	Baseline units enhanced	Area lost	Units lost		Assessor comments	Reviewer comments
	0.01	0.00	0.02	0.20	0.40		Phase 2: Fails most of the condition criteria (1, 2, 4, 5)	
	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 assessment 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 assessment 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.	
	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.	
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																					
Broad Habitat	Proposed habitat	Area (hectares)	Distinctiveness		Condition		Strategic significance			Temporal multiplier					Difficulty multipliers				Habitat units delivered	Comments	
			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
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	0.965	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	

Phase 2- Parkwood Road, Golcar																											
D-2 Off Site Habitat Creation																											
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Post development/ post intervention habitats																											
Broad Habitat	Proposed habitat	Area ha	Distinctiveness	Score	Condition	Score	Strategic significance						Temporal risk multiplier					Difficulty risk multipliers				Spatial risk multiplier			Habitat units delivered	Comments	
							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	Assessor comments	Reviewer comments				
Total Length		0.00																				Total Units		0.00			

Phase 2- Parkwood Road, Golcar

D-3 Off Site Habitat Enhancement

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[illegible]



Post						
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															
Strategic position multiplier	Temporal multiplier						Difficulty multipliers				Spatial risk multiplier		Habitat units delivered	Comments	
	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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Baseline ref	UK Habitats - existing habitats			Habitat distinctiveness		Habitat condition		Strategic significance			Suggested action to address habitat losses	Ecological baseline Total hedgerow units	Retention category biodiversity value						Comments	
	Hedge number	Hedgerow type	Length KM	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic position multiplier			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		
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		