

# The Statutory Biodiversity Metric

## Start page

Project details			
Planning authority:	Arun District Council		
Project name:	Longacre, Walberton		
Applicant:	Southcott Homes		
Application type:	Planning Permission - Full		
Planning application reference:			
Completed by:	Angus Layton		
Date of metric completion:	02 November 2024		
Reviewer:	Davog McCluskey		
Calculation iteration:	4		
Planning authority reviewer:			
Date of planning authority review:			
Target % net gain:	10%		
Irreplaceable habitat present at baseline:	No ✓		
Total site area - including irreplaceable habitat area (hectares):	0.33	Irreplaceable habitat site area (hectares):	0.00
Total off-site area - including irreplaceable habitat area (hectares):	N/A	Irreplaceable habitat area off-site (hectares):	N/A

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### Cell style conventions

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

On-site baseline map

Insert



On-site baseline map reference number

Off-site baseline map

Insert

On-site post intervention map

Insert



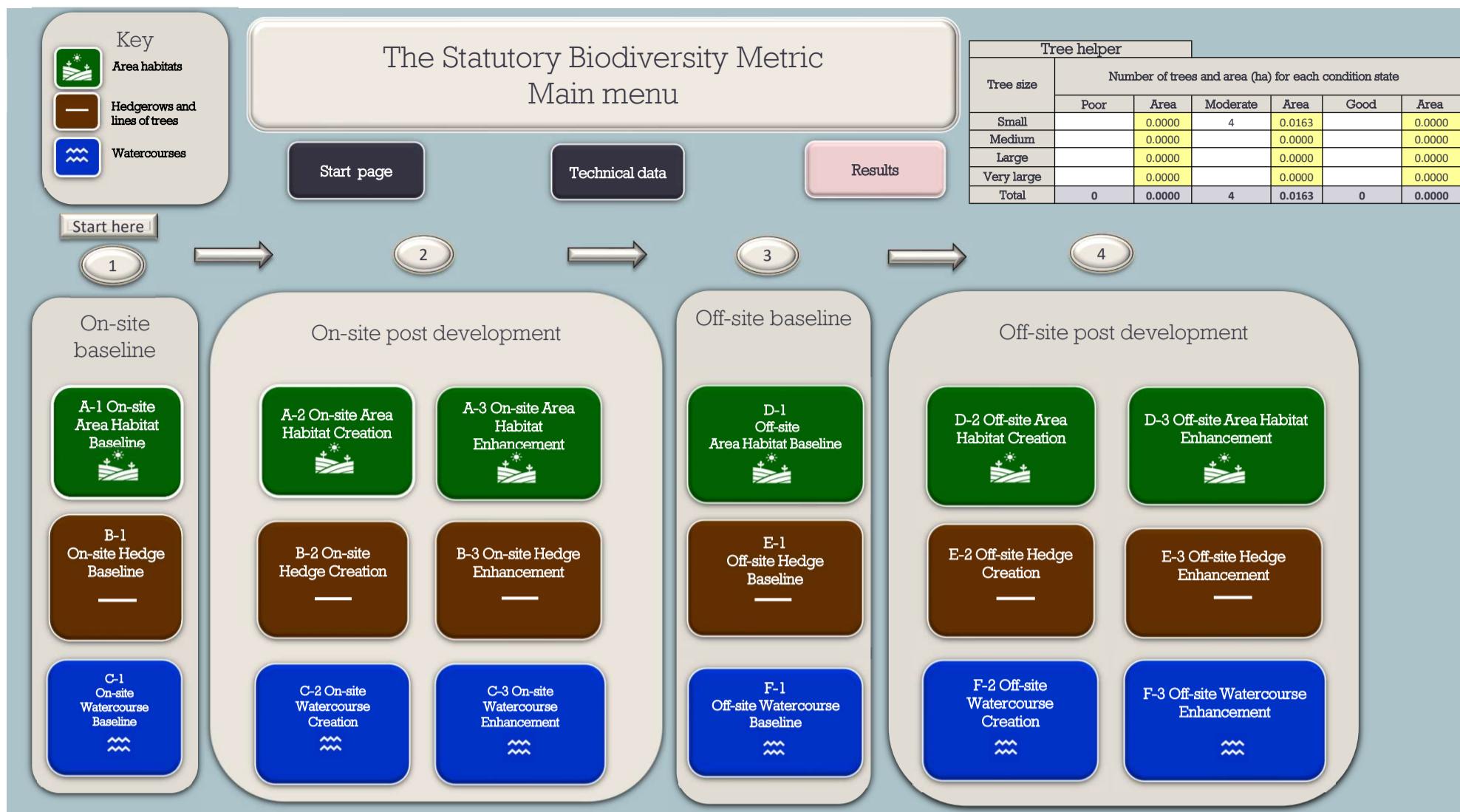
On-site post-intervention map reference number

Off-site post intervention map

Insert

Off-site baseline map reference number

Off-site post-intervention reference number



## The Statutory Biodiversity Metric Results

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On-site baseline	Habitat units	0.55
	Hedgerow units	0.77
	Watercourse units	0.00
On-site post-intervention (Including habitat retention, creation & enhancement)	Habitat units	0.73
	Hedgerow units	0.88
	Watercourse units	0.00
On-site net change (units & percentage)	Habitat units	0.18
	Hedgerow units	0.11
	Watercourse units	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
	Hedgerow units	0.00
	Watercourse units	0.00

Combined net unit change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	0.18
	Hedgerow units	0.11
	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	0.18
	Hedgerow units	0.11
	Watercourse units	0.00
Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	31.98%
	Hedgerow units	13.68%
	Watercourse units	0.00%

Trading rules satisfied?	Yes ✓
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Unit Type	Target	Baseline Units	Units Required	Unit Deficit
Habitat units	10.00%	0.55	0.61	0.00
Hedgerow units	10.00%	0.77	0.85	0.00
Watercourse units	10.00%	0.00	0.00	0.00

No additional area habitat units required to meet target ✓  
 No additional hedgerow units required to meet target ✓  
 No additional watercourse units required to meet target ✓

Longacre, Walberton  
Detailed Results

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Summary Figures

Net project biodiversity units (including all on-site & off-site habitat retention / creation)	Habitat units 0.18
	Hedgerow units 0.11
	Watercourse units 0.00
Total project biodiversity % change (including all on-site & off-site habitat creation + retained habitats)	Habitat units 31.88%
	Hedgerow units 13.89%
	Watercourse units 0.00%

Combined habitat retention and enhancement

	Habitat	Hedgerow	Watercourses
Total on-site and off-site baseline area / length	0.33	0.39	0.00
Total on-site and off-site baseline units	0.65	0.77	0.00
Total on-site and off-site baseline area / length retained	0.00	0.11	0.00
Total on-site and off-site baseline units retained	0.00	0.53	0.00
Total on-site and off-site area / length proposed for enhancement	0.00	0.03	0.00
Total on-site and off-site baseline units proposed for enhancement	0.00	0.20	0.00
Total on-site and off-site baseline area / length lost	0.33	0.06	0.00
Total on-site and off-site baseline units lost	0.65	0.06	0.00

Area habitats

On-site change by broad habitat type					
Habitat group	Baseline		Post-development on-site		On-site change
	On-site existing area	On-site existing value	On-site proposed area	On-site proposed value	On-site unit change
Cropland	0.00	0.00	0.00	0.00	0.00
Grassland	0.00	0.00	0.05	0.40	0.40
Heathland and shrub	0.00	0.00	0.00	0.00	0.00
Sparingly vegetated land	0.00	0.00	0.00	0.00	0.00
Urban	0.00	0.00	0.00	0.00	0.00
Woodland and forest	0.00	0.00	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00	0.00	0.00
Coastal saltmarsh	0.00	0.00	0.00	0.00	0.00
Rocky shore	0.00	0.00	0.00	0.00	0.00
Coastal lagoons	0.00	0.00	0.00	0.00	0.00
Intertidal hard structures	0.00	0.00	0.00	0.00	0.00
Watercourse footprint	0.00	0.00	0.00	0.00	0.00
Individual trees	0.00	0.00	0.02	0.05	0.02

Off-site change by broad habitat type					
Habitat group	Baseline		Post-development off-site		Off-site change
	Off-site existing area	Off-site existing value	Off-site proposed area	Off-site proposed value	Off-site unit change
Cropland	0.00	0.00	0.00	0.00	0.00
Grassland	0.00	0.00	0.00	0.00	0.00
Heathland and shrub	0.00	0.00	0.00	0.00	0.00
Sparingly vegetated land	0.00	0.00	0.00	0.00	0.00
Urban	0.00	0.00	0.00	0.00	0.00
Woodland and forest	0.00	0.00	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00	0.00	0.00
Coastal saltmarsh	0.00	0.00	0.00	0.00	0.00
Rocky shore	0.00	0.00	0.00	0.00	0.00
Coastal lagoons	0.00	0.00	0.00	0.00	0.00
Intertidal hard structures	0.00	0.00	0.00	0.00	0.00
Watercourse footprint	0.00	0.00	0.00	0.00	0.00
Individual trees	0.00	0.00	0.00	0.00	0.00

Combined on-site and off-site change by broad habitat type					
Habitat group	Baseline		On-site and off-site post-development		Combined change
	Combined existing area	Combined existing value	Combined proposed area	Combined proposed value	Combined unit change
Cropland	0.00	0.00	0.00	0.00	0.00
Grassland	0.00	0.00	0.05	0.40	0.40
Heathland and shrub	0.00	0.00	0.00	0.00	0.00
Sparingly vegetated land	0.00	0.00	0.00	0.00	0.00
Urban	0.33	0.65	0.29	0.28	0.27
Woodland and forest	0.00	0.00	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00	0.00	0.00
Coastal saltmarsh	0.00	0.00	0.00	0.00	0.00
Rocky shore	0.00	0.00	0.00	0.00	0.00
Coastal lagoons	0.00	0.00	0.00	0.00	0.00
Intertidal hard structures	0.00	0.00	0.00	0.00	0.00
Watercourse footprint	0.00	0.00	0.00	0.00	0.00
Individual trees	0.00	0.00	0.02	0.05	0.02

Hedgerows and lines of trees						
Hedgerow type	Baseline		Post-development on-site		On-site change	
	On-site existing length	On-site existing value	On-site proposed length	On-site proposed value	On-site unit change	
Species-rich native hedgerow with trees - associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	
Species-rich native hedgerow with trees	0.18	0.69	0.12	0.85	0.00	0.18
Species-rich native hedgerow - associated with bank or ditch	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	
Native hedgerow - associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	
Ecologically valuable hedge with trees	0.00	0.00	0.00	0.00	0.00	
Ecologically valuable hedge with trees - associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	
Native hedge	0.00	0.00	0.00	0.00	0.00	
Ecologically valuable line of trees	0.00	0.00	0.00	0.00	0.00	
Ecologically valuable line of trees - associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	
Native hedge	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	
Non-native and ornamental hedge	0.08	0.08	0.03	0.03	-0.05	-0.05

Off-site change by hedgerow type						
Hedgerow type	Off-site baseline		Post-development off-site		Off-site change	
	Off-site existing length	Off-site existing value	Off-site proposed length	Off-site proposed value	Off-site unit change	
Species-rich native hedgerow with trees - associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	
Species-rich native hedgerow with trees	0.00	0.00	0.00	0.00	0.00	
Species-rich native hedgerow - associated with bank or ditch	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	
Native hedgerow - associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	
Native hedge	0.00	0.00	0.00	0.00	0.00	
Ecologically valuable hedge with trees	0.00	0.00	0.00	0.00	0.00	
Ecologically valuable hedge with trees - associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	
Native hedge	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	
Non-native and ornamental hedge	0.08	0.08	0.03	0.03	-0.05	-0.05

Combined on-site and off-site change by hedgerow type						
Hedgerow type	Baseline		Post-development on-site		Change	
	Combined existing length	Combined existing value	Combined proposed length	Combined proposed value	Combined unit change	
Species-rich native hedgerow with trees - associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	
Species-rich native hedgerow with trees	0.18	0.69	0.12	0.85	0.00	0.18
Species-rich native hedgerow - associated with bank or ditch	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	
Native hedgerow - associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	
Native hedge	0.00	0.00	0.00	0.00	0.00	
Ecologically valuable hedge with trees	0.00	0.00	0.00	0.00	0.00	
Ecologically valuable hedge with trees - associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	
Native hedge	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	
Non-native and ornamental hedge	0.08	0.08	0.03	0.03	-0.05	-0.05

Watercourses					
Watercourse type	Baseline		Post-development on-site		On-site change
	On-site existing length	On-site existing value	On-site proposed length	On-site proposed value	On-site unit change
Priority habitat	0.0	0.0	0.0	0.0	0.0
Other rivers and streams	0.0	0.0	0.0	0.0	0.0
Ditches	0.0	0.0	0.0	0.0	0.0
Canals	0.0	0.0	0.0	0.0	0.0
Calvert	0.0	0.0	0.0	0.0	0.0

Off-site change by watercourse type					
Watercourse type	Post-development off-site		Off-site change		
	Off-site existing length	Off-site existing value	Off-site proposed length	Off-site proposed value	Off-site unit change
Priority habitat	0.0	0.0	0.0	0.0	0.0
Other rivers and streams	0.0	0.0	0.0	0.0	0.0
Ditches	0.0	0.0	0.0	0.0	0.0
Canals	0.0	0.0	0.0	0.0	0.0
Calvert	0.0	0.0	0.0	0.0	0.0

Combined on-site and off-site change by watercourse type					
Watercourse type	Baseline		Post-development on-site		On-site change
	Combined existing length	Combined existing value	Combined proposed length	Combined proposed value	Combined unit change
Priority habitat	0.0	0.0	0.0	0.0	0.0
Other rivers and streams	0.0	0.0	0.0	0.0	0.0
Ditches	0.0	0.0	0.0	0.0	0.0
Canals	0.0	0.0	0.0	0.0	0.0
Calvert	0.0	0.0	0.0	0.0	0.0

Combined area lost from baseline(s) by distinctiveness band		
Category	Area lost (hectares)	Area lost (%)
V High	0	0%
High	0	0%
Medium	0	0%
Low	0.2789	83
V Low	0.0677	17

On-site and off-site habitat retention by category area (hectares)		
	Total on-site and off-site baseline area / length retained	Total on-site and off-site area / length proposed for enhancement
Total on-site and off-site baseline units retained	0.33	0.00
Total on-site and off-site baseline units proposed for enhancement	0.00	0.00
Total on-site and off-site baseline units lost	0.65	0.00

On-site and off-site habitat retention category (biodiversity units)		
	Total on-site and off-site baseline units retained	Total on-site and off-site baseline units proposed for enhancement
Total on-site and off-site baseline units lost	0.55	0.00

Biodiversity unit change by habitat group					
	On-site existing value	On-site proposed value	Off-site existing value	Off-site proposed value	Combined area change
Cropland	0.00	0.00	0.00	0.00	0.00
Grassland	0.00	0.00	0.00	0.00	0.00
Heathland and shrub	0.00	0.00	0.00	0.00	0.00
Lakes	0.00	0.00	0.00	0.00	0.00
Sparingly vegetated land	0.00	0.00	0.00	0.00	0.00
Urban	0.00	0.00	0.00	0.00	0.00
Woodland and forest	0.00	0.00	0.00	0.00	0.00
Intertidal sediment	0.00	0.00	0.00	0.00	0.00
Coastal saltmarsh	0.00	0.00	0.00	0.00	0.00
Rocky shore	0.00	0.00	0.00	0.00	0.00
Coastal lagoons	0.00	0.00	0.00	0.00	0.00
Intertidal hard structures	0.00	0.00	0.00	0.00	0.00
Watercourse footprint	0.00	0.00	0.00	0.00	0.00
Individual trees	0.00	0.00	0.00	0.00	0.00

On-site and off-site hedge retention by category length (km)		
	Total on-site and off-site baseline area / length retained	Total on-site and off-site area / length proposed for enhancement
Total on-site and off-site baseline units retained	0.11	0.00
Total on-site and off-site baseline units proposed for enhancement	0.00	0.00
Total on-site and off-site baseline units lost	0.05	0.00

On-site and off-site hedge retention category (biodiversity units)		
	Total on-site and off-site baseline units retained	Total on-site and off-site baseline units proposed for enhancement
Total on-site and off-site baseline units lost	0.52	0.00
Total on-site and off-site baseline units proposed for enhancement	0.20	0.00
Total on-site and off-site baseline units lost	0.05	0.00

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