

# The Statutory Biodiversity Metric

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Project details			
Planning authority:	Horsham District Council		
Project name:	Stonehouse Farm- Anaerobic Digester (AD) Plant and Main Livestock Building		
Applicant:	The Lake Investment Group		
Application type:			
Planning application reference:			
Completed by:	Lydia Galbraith, Ecologist		
Date of metric completion:	26.02.2025 (updated 23.05.2025)		
Reviewer:	Clare Caudwell, Director of Ecology		
Calculation iteration:	v3		
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):	2.64	Irreplaceable habitat site area (hectares):	0.00
Total off-site area - including irreplaceable habitat area (hectares):	N/A	Irreplaceable habitat area off-site (hectares):	N/A

Cell style conventions			
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Results

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Unit Shortfall by Tier/Module	
Tier	Unit Shortfall
A1	0.00
A2	0.00
A3	0.00
A4	0.00
A5	0.00
H	0.00
W	0.00

\*The spatial risk multiplier has been applied to all unit shortfall values.

Headline Results

Scroll down for final results ▲

## On-site baseline

<i>Habitat units</i>	4.20
<i>Hedgerow units</i>	6.93
<i>Watercourse units</i>	0.00

## On-site post-intervention

(Including habitat retention, creation &amp; enhancement)

<i>Habitat units</i>	4.97
<i>Hedgerow units</i>	8.70
<i>Watercourse units</i>	0.00

## On-site net change

(units &amp; percentage)

<i>Habitat units</i>	0.77	18.37%
<i>Hedgerow units</i>	1.78	25.68%
<i>Watercourse units</i>	0.00	0.00%

## Off-site baseline

<i>Habitat units</i>	0.00
<i>Hedgerow units</i>	0.00
<i>Watercourse units</i>	0.00

## Off-site post-intervention

(Including habitat retention, creation &amp; enhancement)

<i>Habitat units</i>	0.00
<i>Hedgerow units</i>	0.00
<i>Watercourse units</i>	0.00

## Off-site net change

(units &amp; percentage)

<i>Habitat units</i>	0.00	0.00%
<i>Hedgerow units</i>	0.00	0.00%
<i>Watercourse units</i>	0.00	0.00%

## Combined net unit change

(Including all on-site &amp; off-site habitat retention, creation &amp; enhancement)

<i>Habitat units</i>	0.77
<i>Hedgerow units</i>	1.78
<i>Watercourse units</i>	0.00

## Spatial risk multiplier (SRM) deductions

<i>Habitat units</i>	0.00
<i>Hedgerow units</i>	0.00
<i>Watercourse units</i>	0.00

## FINAL RESULTS

## Total net unit change

(Including all on-site &amp; off-site habitat retention, creation &amp; enhancement)

<i>Habitat units</i>	0.77
<i>Hedgerow units</i>	1.78
<i>Watercourse units</i>	0.00

## Total net % change

(Including all on-site &amp; off-site habitat retention, creation &amp; enhancement)

<i>Habitat units</i>	18.37%
<i>Hedgerow units</i>	25.68%
<i>Watercourse units</i>	0.00%

Trading rules satisfied?

Yes ✓

Unit Type	Target	Baseline Units	Units Required	Unit Deficit
<i>Habitat units</i>	10.00%	4.20	4.62	0.00
<i>Hedgerow units</i>	10.00%	6.93	7.62	0.00
<i>Watercourse units</i>	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 ✓

Stonehouse Farm- Anaerobic Digester (AD) Plant and Main Livestock Building

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Summary Figures

Net project biodiversity units		Habitat units	0.77
(Including all on-site & off-site habitat retention / creation)		Hedgerow units	1.78
		Watercourse units	0.00

Total project biodiversity % change		Habitat units	18.37%
(Including all on-site & off-site habitat creation + retained habitats)		Hedgerow units	25.68%
		Watercourse units	0.00%

Combined habitat retention and enhancement

	Habitats	Hedgerows	Watercourses
Total on-site and off-site baseline area / length	2.64	0.65	0.00
Total on-site and off-site baseline units	4.20	6.93	0.00
Total on-site and off-site baseline area / length retained	0.57	0.69	0.00
Total on-site and off-site baseline units retained	0.98	6.72	0.00
Total on-site and off-site area / length proposed for enhancement	0.51	0.00	0.00
Total on-site and off-site baseline units proposed for enhancement	1.12	0.00	0.00
Total on-site and off-site baseline area / length lost	1.56	0.03	0.00
Total on-site and off-site baseline units lost	2.10	0.21	0.00

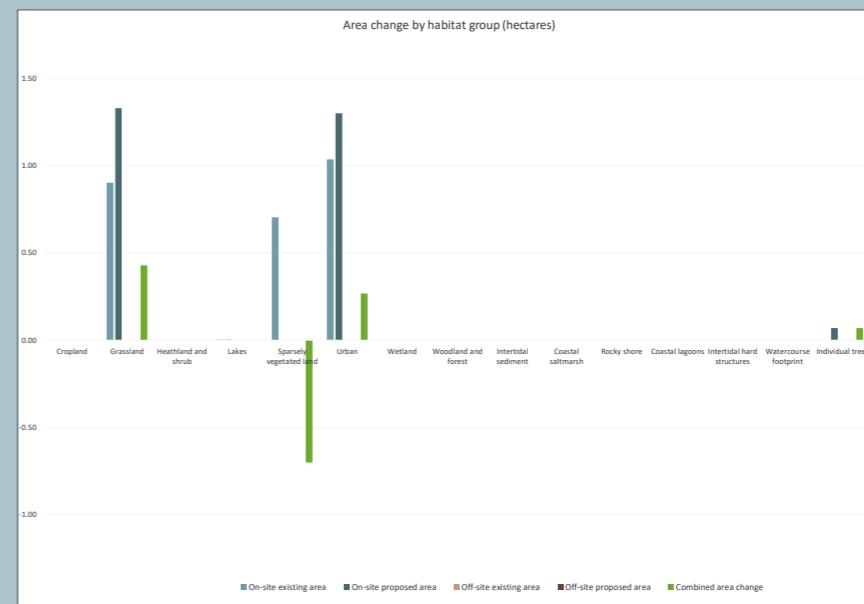
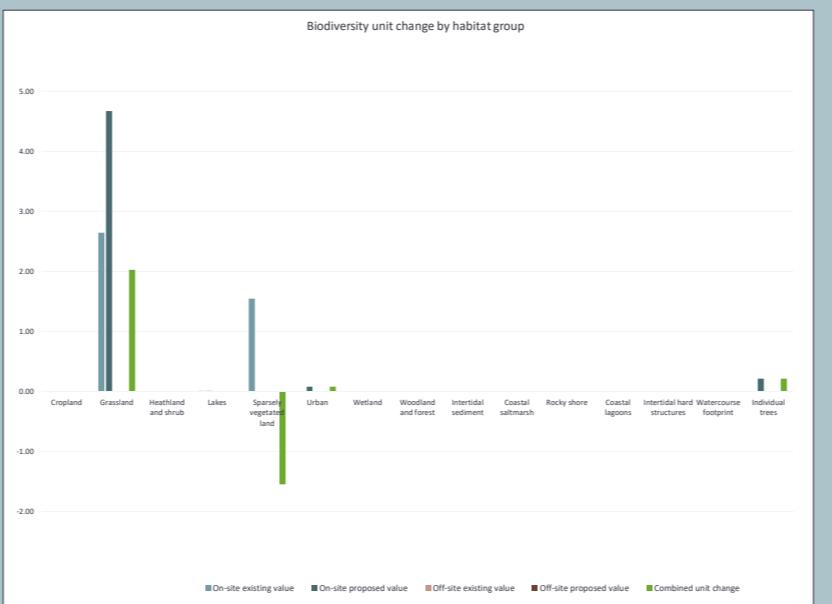
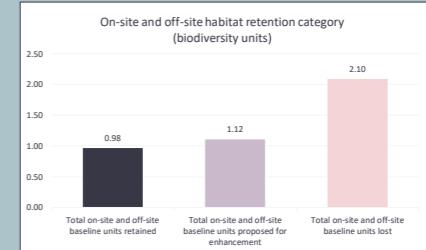
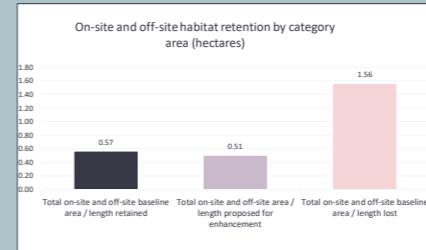
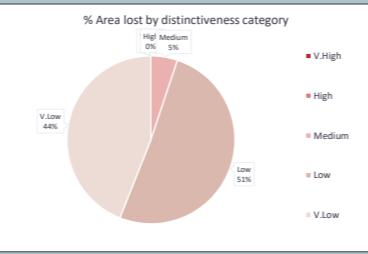
Area habitats

Area Habitats

On-site change by broad habitat type					
	Baseline	Post-development on-site	On-site change		
Habitat group	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	0.90	2.64	1.33	4.67	0.43
Heathland and shrub	0.00	0.00	0.00	0.00	0.00
Lakes	0.00	0.01	0.00	0.01	0.00
Sparingly vegetated land	0.70	1.55	0.00	0.00	-0.70
Urban	1.04	0.00	1.20	0.08	0.21
Wetland	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	0.07	0.21	0.07

Combined area lost from baseline(s) by distinctiveness band

Category	Area lost (hectares)	Area lost (%)
V.High	0	0%
High	0	0%
Medium	0.08	5%
Low	0.795	51%
V.Low	0.687	44%



Hedgerows and lines of trees

Hedgerows and lines of trees

On-site change by hedgerow type					
	Baseline	On-site and off-site post-development	Combined change	On-site	Off-site
Hedgerow type	Combined existing area	Combined existing value	Combined proposed area	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	0.00	0.00	0.09	0.95	0.95
Species-rich native hedgerow - associated with bank or ditch	0.00	0.00	0.06	0.60	0.60
Native hedgerow - associated with bank or ditch	0.00	0.00	0.00	0.00	0.00
Species-rich native hedgerow	0.00	0.00	0.10	0.94	0.10
Native hedgerow with 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 hedgerow	0.47	3.08	0.46	2.96	-0.01
Line of trees	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 hedgerow	0.00	0.00	0.00	0.00	0.00

Combined length lost from baseline(s) by distinctiveness band

Category	Length lost (km)	Length lost (%)



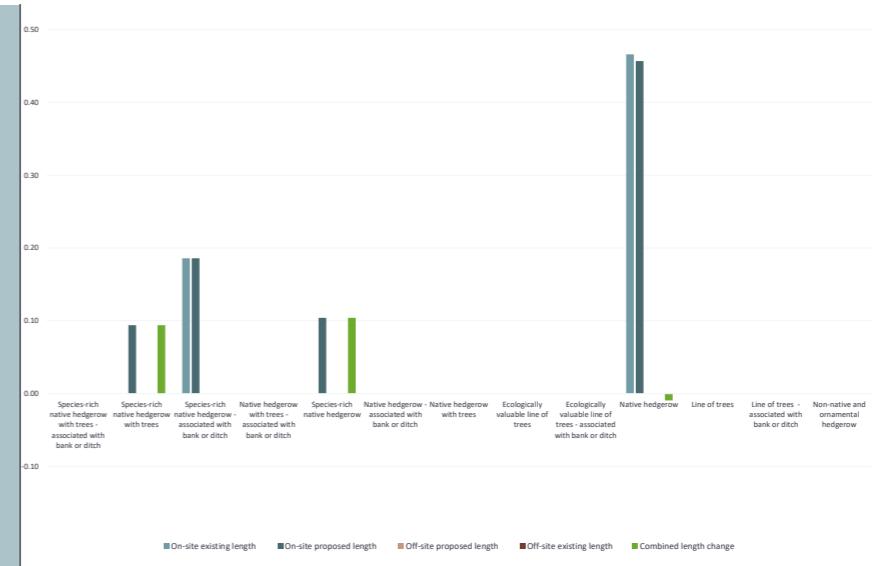
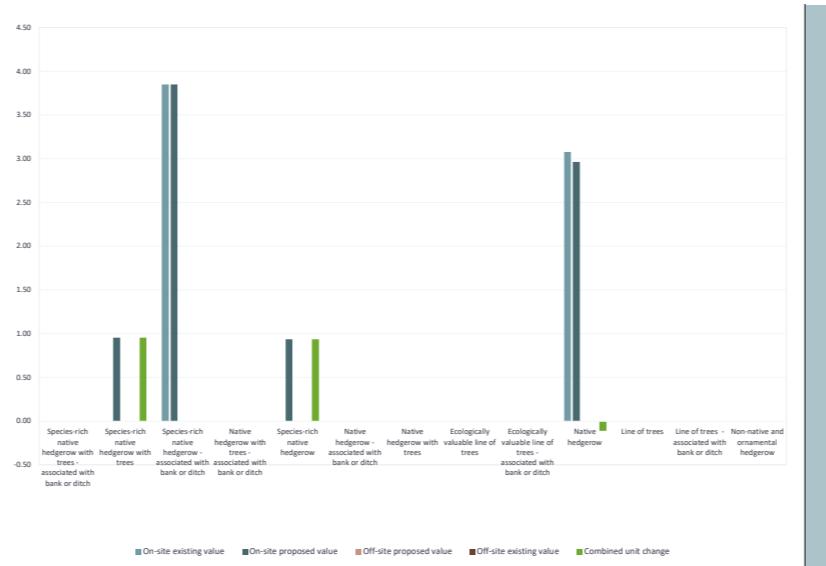


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Hedgerow and line of trees	Off-site change by hedgerow type					
	Off-site baseline		Post-development off-site		Off-site change	
Hedgerow type	Off-site existing length	Off-site existing value	Off-site proposed length	Off-site proposed value	Off-site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

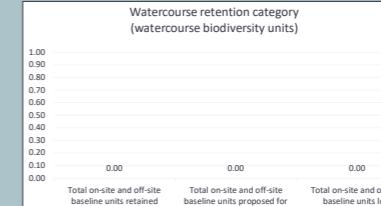
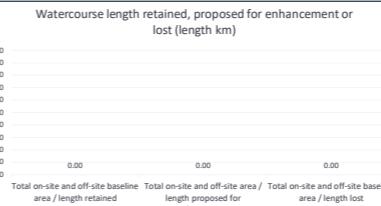
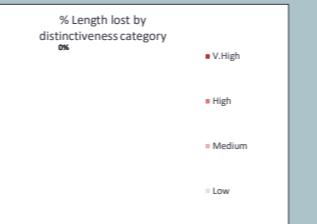
  

Hedgerow and line of trees	Combined on-site and off-site change by hedgerow type					
	Baseline		Post-development		Change	
Hedgerow type	Combined existing length	Combined existing value	Combined proposed length	Combined proposed value	Combined length change	Combined unit change
Species-rich native hedgerow with trees - associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	0.00
Species-rich native hedgerow with trees	0.00	0.00	0.09	0.95	0.09	0.95
Species-rich native hedgerow - associated with bank or ditch	0.19	3.85	0.19	3.85	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
Species-rich native hedgerow	0.00	0.00	0.10	0.94	0.10	0.94
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
Ecologically valuable line of trees	0.00	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	0.00
Native hedgerow	0.47	3.08	0.46	2.95	-0.01	-0.11
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
Non-native and ornamental hedgerow	0.00	0.00	0.00	0.00	0.00	0.00

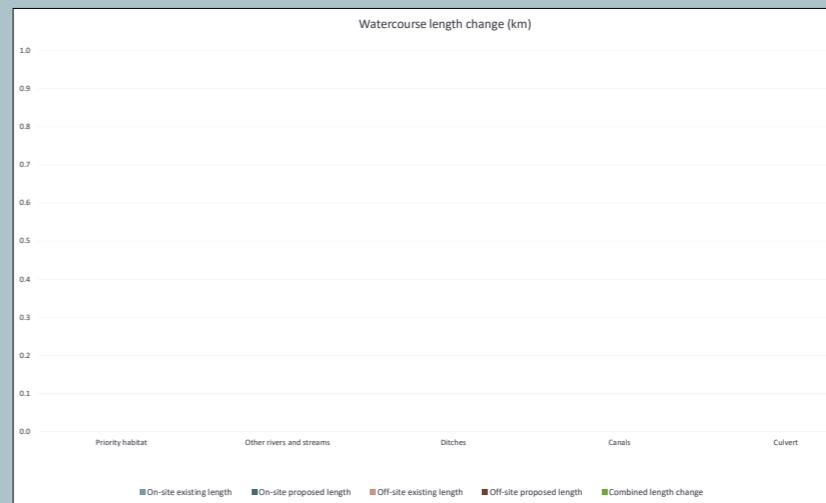
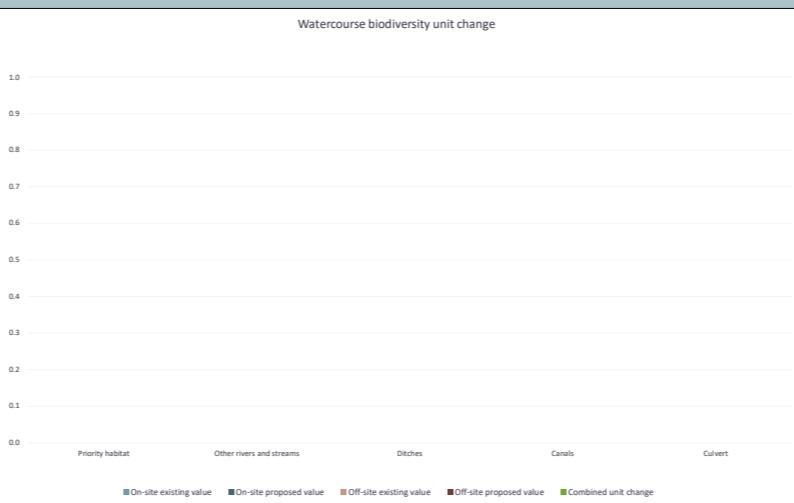


Watercourses	Watercourses					
	On-site change by watercourse type					
	Baseline		Post-development on site		On-site Change	
Watercourse type	On-site existing length	On-site existing value	On-site proposed length	On-site proposed value	On-site length change	On-site unit change
Priority habitat	0.0	0.0	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 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



Watercourses	Watercourses					
	Off-site change by watercourse type					
	Baseline		Post-development off-site		Off-site Change	
Watercourse type	Off-site existing length	Off-site existing value	Off-site proposed length	Off-site proposed value	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



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Trading  
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hedgerows

Trading  
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watercourses

### Trading Summary

Distinctiveness Group	Trading Rule	Trading Satisfied?
Very High	Same habitat required - bespoke compensation option $\Delta$	Yes ✓
High	Same habitat required =	Yes ✓
Medium	Same broad habitat or a higher distinctiveness habitat required ( $\geq$ )	Yes ✓
Low	Same distinctiveness or better habitat required $\geq$	Yes ✓

### 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
Remaining losses; Like for like not satisfied	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 and CFGM	Grassland	0.00	0.00	0.00	
Grassland - Lowland calcareous grassland	Grassland	0.00	0.00	0.00	
Grassland - Tall herb communities (H6430)	Grassland	0.00	0.00	0.00	
Grassland - Upland calcareous grassland	Grassland	0.00	0.00	0.00	
Heathland and shrub - Lowland Heathland	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Dunes with sea buckthorn (H2160)	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 (H3170)	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 - Irland 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/Replacement for felled woodland	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	

### High Distinctiveness Summary

High Distinctiveness Units available to offset lower distinctiveness deficit	0.00
Remaining losses; Like for like not satisfied	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	
Intertidal sediment - Littoral seagrass	Intertidal sediment	0.00	0.00	0.00	
		0.00	0.00	0.00	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	
Cropland - Arable field margins game bird mix	Cropland	0.00	0.00	0.00	0.00
Cropland - Arable field margins pollen and nectar	Cropland	0.00	0.00	0.00	
Cropland - Arable field margins tussocky	Cropland	0.00	0.00	0.00	
Grassland - Other lowland acid grassland	Grassland	0.00	0.00	0.00	
Grassland - Other neutral grassland	Grassland	0.73	0.00	0.73	0.73
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	
Heathland and shrub - Bramble scrub	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Gorse scrub	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Hawthorn scrub	Heathland and shrub	0.00	0.00	0.00	0.00
Heathland and shrub - Willow scrub	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Hazel scrub	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Mixed scrub	Heathland and shrub	0.00	0.00	0.00	
Lakes - Ponds (non-priority habitat)	Lakes	0.00	0.00	0.00	
Lakes - Reservoirs	Lakes	0.00	0.00	0.00	0.00
Sparingly vegetated land - Other inland rock and scree	Sparingly vegetated land	0.00	0.00	0.00	0.00
Urban - Cemeteries and churchyards	Urban	0.00	0.00	0.00	0.00
Urban - Biodiverse green roof	Urban	0.00	0.00	0.00	
Individual trees - Urban tree	Individual trees	0.21	0.00	0.21	0.21
Individual trees - Rural tree	Individual trees	0.00	0.00	0.00	✓
Woodland and forest - Other Scot's pine woodland	Woodland and forest	0.00	0.00	0.00	
Woodland and forest - Other woodland; broadleaved	Woodland and forest	0.00	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	
Intertidal sediment - Littoral sand	Intertidal sediment	0.00	0.00	0.00	0.00
Intertidal hard structures - Artificial hard structures with integrated greening of grey infrastructure (IGGI)	Intertidal hard structures	0.00	0.00	0.00	
		0.94	0.00	0.94	

Medium Distinctiveness Summary		
Medium Distinctiveness Units available to offset Lower Distinctiveness Deficit	0.94	✓
Medium Distinctiveness Broad Habitat losses to be offset by trading up	0.00	
Higher Distinctiveness Surplus Units minus Medium Distinctiveness Broad Habitat Deficit	0.00	
Cumulative surplus of units	0.94	✓

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 - 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	
Cropland - Winter stubble	Cropland	0.00	0.00	0.00	
Grassland - Modified grassland	Grassland	1.30	0.00	1.30	✓
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	
Sparingly vegetated land - Ruderal/ephemeral	Sparingly vegetated land	-1.55	0.00	-1.55	▲
Sparingly vegetated land - Tall forbs	Sparingly vegetated land	0.00	0.00	0.00	
Urban - Bioswale	Urban	0.00	0.00	0.00	
Urban - Bare ground	Urban	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 - Other green roof	Urban	0.00	0.00	0.00	
Urban - Intensive green roof	Urban	0.00	0.00	0.00	

Low Distinctiveness Summary		
Low Distinctiveness net change in units	-0.17	▲
Cumulative surplus of units	0.77	✓

Urban - Introduced shrub	Urban	0.00	0.00	0.00
Urban - Rain garden	Urban	0.00	0.00	0.00
Urban - Actively worked sand pit quarry or open cast mine	Urban	0.00	0.00	0.00
Urban - Sustainable drainage system	Urban	0.08	0.00	0.08
Urban - Vacant or derelict land	Urban	0.00	0.00	0.00
Urban - Vegetated garden	Urban	0.00	0.00	0.00
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 hard structures	0.00	0.00	0.00
Intertidal hard structures - Artificial features of hard structures	Intertidal hard structures	0.00	0.00	0.00
Heathland and shrub - Other sea buckthorn scrub	Heathland and shrub	0.00	0.00	0.00
		-0.17	0.00	-0.17

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Trading  
summary area  
habitats

Trading  
summary  
watercourses

### Trading Summary

Distinctiveness Group	Trading Rule	Trading Satisfied?
Very High	Same habitat required =	Yes ✓
High	Like for like or better	Yes ✓
Medium	Same distinctiveness or better habitat required	Yes ✓
Low	Same distinctiveness or better habitat required	Yes ✓
Very Low	Same distinctiveness or better habitat required	Yes ✓

### Very High Distinctiveness

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

### Very High Distinctiveness Summary

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

### High Distinctiveness

Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Species-rich native hedgerow with trees	0.95	0.00	0.95 ✓
Species-rich native hedgerow - associated with bank or ditch	0.00	0.00	0.00
Native hedgerow with trees - associated with bank or ditch	0.00	0.00	0.00
	0.95	0.00	0.95

### High Distinctiveness Summary

High Distinctiveness Units available to offset lower distinctiveness deficit	0.95 ✓
High Distinctiveness losses to be offset by trading up	0.00
Higher Distinctiveness surplus units minus any high distinctiveness deficit	0.00

### Medium Distinctiveness

Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Species-rich native hedgerow	0.94	0.00	0.94 ✓
Native hedgerow - associated with bank or ditch	0.00	0.00	0.00
Native hedgerow with trees	0.00	0.00	0.00
Ecologically valuable line of trees	0.00	0.00	0.00
Ecologically valuable line of trees - associated with bank or ditch	0.00	0.00	0.00
	0.94	0.00	0.94

### Medium Distinctiveness Summary

Units available from higher distinctiveness habitats	0.95 ✓
Medium Distinctiveness net change in units	0.94 ✓
Cumulative availability of units	1.89 ✓

### Low Distinctiveness

Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Native hedgerow	-0.11	0.00	-0.11 △
Line of trees	0.00	0.00	0.00
Line of trees - associated with bank or ditch	0.00	0.00	0.00
	-0.11	0.00	-0.11

### Low Distinctiveness Summary

Low Distinctiveness net change in units	-0.11 △
Cumulative availability of units	1.78 ✓

### Very Low Distinctiveness

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

### Very Low Distinctiveness Summary

Very Low Distinctiveness net change in units	0.00
Cumulative availability of units	1.78 ✓

Project Name: Stonehouse Farm- Anaerobic Digester (AD)		Area habitat summary									
A-1 On-Site Habitat Baseline		Total Net Unit Change		0.77							
		Total Net % Change		18.37%							
Trading Rules Satisfied		Yes ✓									
Condense / Show Columns		Condense / Show Rows									
Main Menu											
Existing area habitats		Distinctiveness		Condition	Strategic significance		Ecological baseline				
Ref	Broad Habitat	Habitat Type	Irreplaceable habitat	Area (hectares)	Distinctiveness	Condition	Strategic significance	Required Action to Meet Trading Rules	Total habitat units		
1	Urban	Developed land; sealed surface	No	0.265	Very Low	N/A - Other	Area/compensation not in local strategy/no local strategy	Compensation Not Required	0.00		
2	Urban	Developed land; sealed surface	No	0.083	Very Low	N/A - Other	Area/compensation not in local strategy/no local strategy	Compensation Not Required	0.00		
3	Urban	Developed land; sealed surface	No	0.687	Very Low	N/A - Other	Area/compensation not in local strategy/no local strategy	Compensation Not Required	0.00		
4	Sparsely vegetated land	Ruderal/Ephemeral	No	0.634	Low	Poor	Location ecologically dearable but not in local strategy	Some distinctiveness or better habitat required?	1.39		
5	Sparsely vegetated land	Ruderal/Ephemeral	No	0.069	Low	Poor	Location ecologically dearable but not in local strategy	Some distinctiveness or better habitat required?	0.15		
6											
7	Grassland	Modified grassland	No	0.601	Low	Poor	Location ecologically dearable but not in local strategy	Some distinctiveness or better habitat required?	1.32		
8	Grassland	Other neutral grassland	No	0.274	Medium	Poor	Location ecologically dearable but not in local strategy	Some broad habitat or a higher distinctiveness habitat required?	1.21		
9	Grassland	Other neutral grassland	No	0.026	Medium	Poor	Location ecologically dearable but not in local strategy	Some broad habitat or a higher distinctiveness habitat required?	0.11		
10	Lakes	Ponds (non-priority habitat)	No	0.002	Medium	Poor	Location ecologically dearable but not in local strategy	Some broad habitat or a higher distinctiveness habitat required?	0.01		
11											
12											
13											
14											
15											
		Total habitat area		2.64					4.20		
		Site Area (Excluding area of individual trees, green walls, intertidal)		2.64					2.10		

M <sup>2</sup> to hectares conversion tool:	Select a unit	Hectares	M <sup>2</sup>

house Farm- Anaerobic Digester (AD) Plant and Main Livestock Building		Area habitat summary																			
A-2 On-Site Habitat Creation		Total Net Unit Change		0.77		Total Net % Change		18.37%		Trading Rules Satisfied											
		Condense / Show Columns		Condense / Show Rows		Area Check		Area Acceptable ✓													
Main Menu																					
Post intervention habitats																					
Ref	Broad Habitat	Proposed habitat	Area (hectares)	Distinctiveness	Condition	Strategic significance	Temporal multiplier	Difficulty	Habitat units delivered	Comments											
				Distinctiveness	Condition	Strategic significance	Standard or adjusted time to target condition	Final time to target condition (years)	Final difficulty of creation	User comments	Planning authority comments										
1	Grassland	Other neutral grassland	0.195	Medium	Poor	Location ecologically desirable but not in local strategy	Standard time to target condition applied	2	Low	0.80	Grassland to be created over areas of hardstanding and sparsely vegetated land										
2	Grassland	Other neutral grassland	0.069	Medium	Poor	Location ecologically desirable but not in local strategy	Standard time to target condition applied	2	Low	0.28	Earth bank with tall ruderals, to be managed for ONG										
3	Grassland	Modified grassland	0.336	Low	Poor	Location ecologically desirable but not in local strategy	Standard time to target condition applied	1	Low	0.71	Parcels of modified grassland throughout, including between buildings and access roads.										
4	Urban	Sustainable drainage system	0.03	Low	Moderate	Location ecologically desirable but not in local strategy	Standard time to target condition applied	3	Medium	0.08											
5	Urban	Developed land: sealed surface	0.923	V.Low	N/A - Other	Area/compensation not in local strategy/ no local strategy	Standard time to target condition applied	0	Low	0.00	New areas of hardstanding/access path										
6	Individual trees	Urban tree	0.0692	Medium	Poor	Location ecologically desirable but not in local strategy	Standard time to target condition applied	10	Low	0.21	c.. 17 trees planted (excluding those shown within the existing hedgerow H13). Assumed to be small and poor due to urban setting										
7																					
8																					
9																					
10																					
11																					
Total habitat area				1.62						2.09											
Site Area (Excluding area of individual trees, green walls, intertidal hard structures)				1.85																	
M <sup>2</sup> to hectares conversion tool:				Select a unit	Hectares	M <sup>2</sup>															



Farm- Anaerobic Digester (AD) Plant and Main Livestock B		Hedgerow summary														
B-1 On-Site Hedge Baseline		Total Net Unit Change		1.78												
Condense / Show Columns		Total Net % Change		25.68%												
Condense / Show Rows		Trading Rules Satisfied		Yes ✓												
Main Menu																
Existing hedgerow habitats				Distinctiveness	Condition	Strategic significance	Required Action to Meet Trading Rules	Ecological baseline	Comments							
Ref	Hedge number	Habitat type	Length (km)	Distinctiveness	Condition	Strategic significance	Total hedgerow units	Length retained	Length enhanced	Units retained	Units enhanced	Length lost	Units lost	User comments	Planning authority comments	Habitat reference number
1	H10a	Species-rich native hedgerow - associated with bank or ditch	0.186	High	Good	Formally identified in local strategy	Like for like or better	0.186		3.85	0.00	0.00	0.00	All retained		
2	H13	Native hedgerow	0.111	Low	Good	Location ecologically desirable but not in local strategy	Same distinctiveness band or better	0.111		0.73	0.00	0.00	0.00	All retained (to be replanted)		
3	H28	Native hedgerow	0.35	Low	Good	Location ecologically desirable but not in local strategy	Same distinctiveness band or better	0.321		2.12	0.00	0.03	0.19	Area to be lost to access road reconfiguration (c. 29m)		
4	H10c	Native hedgerow	0.005	Low	Good	Location ecologically desirable but not in local strategy	Same distinctiveness band or better	0.0027		0.02	0.00	0.00	0.02	H10c- small section of hedgerow along southern boundary, c. 2.3m to be lost for access		
5																
6																
7																
8																
9																
			0.65				6.93	0.82	0.00	6.72	0.00	0.03	0.21			

Term- Anaerobic Digester (AD) Plant and Main Livestoc

B-2 On-Site Hedge Creation

Condense / Show Columns

Condense / Show Rows

Main Menu

**Hedgerow summary**

Total Net Unit Change	1.78
Total Net % Change	28.88%
Trading Rules Satisfied	Yes ✓

Proposed habitats			Distinctiveness	Condition	Strategic significance		Temporal multiplier			Difficulty risk multiplier	Hedge units delivered	Comments		
Ref	New hedge number	Habitat type	Length (km)	Distinctiveness	Condition	Strategic significance	Standard or adjusted time to target condition	Final time to target condition	Final difficulty of		User comments	Planning authority comments	Habitat reference number	
1		Native hedgerow	0.022	Low	Good	Locally ecologically dear valued not in local strategy	Standard time to target condition applied	12	Low	0.09	Length of H13 extended assumed to be same conditions			
2		Species-rich native hedgerow with trees	0.094	High	Good	Formally identified in local strategy	Standard time to target condition applied	20	Low	0.95	Length of hedgerow proposed along southern boundary of F7			
3		Species-rich native hedgerow	0.104	Medium	Good	Formally identified in local strategy	Standard time to target condition applied	12	Low	0.94	Length of hedgerow proposed along reconfigured access road (western boundary of road)			
4														
5														
6														
7														
8														
			0.22							1.98				