

The Statutory Biodiversity Metric

Auditing and accounting for biodiversity

Calculation Tool

Version 1.0.3

[Open Tool](#)



The Statutory Biodiversity Metric

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| Project details | | | |
|------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------|------|
| Planning authority: | Horsham District Council | | |
| Project name: | Land at Greenacres, Saucelands Lane, Shipley, West Sussex, RH13 8PU | | |
| Applicant: | Chidhurst Ltd | | |
| Application type: | Residential | | |
| Planning application reference: | TBC | | |
| Completed by: | Joseph Baker BSc (Hons) - Director and Principal Ecologist | | |
| Date of metric completion: | 29 April 2025 | | |
| Reviewer: | Hannah Baker BSc (Hons), MSc, ACIEEM - Director and Principal Ecologist | | |
| Calculation iteration: | 1 | | |
| Planning authority reviewer: | TBC | | |
| Date of planning authority review: | TBC | | |
| Target % net gain: | 10% | | |
| Irreplaceable habitat present at baseline: | No ✓ | | |
| Total site area - including irreplaceable habitat area (hectares): | 0.78 | 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 | |
|------------------------|------------------------------------------|
| ⚠ | 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

On-site post intervention map Insert

On-site post-intervention map reference number

Off-site baseline map Insert

Off-site baseline map reference number

Off-site post intervention map Insert

Off-site post-intervention reference number

Main n

Res

View

Reset

Land at Greenacres, Saucelands Lane, Shipley, West Yorkshire

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Headline Results

Scroll down for final results 

| | | | |
|-------------------------------------------------------------------------------------------------------|-------------------|------|--------|
| On-site baseline | Habitat units | 4.40 | |
| | Hedgerow units | 0.00 | |
| | Watercourse units | 0.00 | |
| On-site post-intervention <small>(Including habitat retention, creation & enhancement)</small> | Habitat units | 5.21 | |
| | Hedgerow units | 0.00 | |
| | Watercourse units | 0.00 | |
| On-site net change <small>(units & percentage)</small> | Habitat units | 0.82 | 18.56% |
| | Hedgerow units | 0.00 | 0.00% |
| | Watercourse units | 0.00 | 0.00% |

| | | | |
|--------------------------------------------------------------------------------------------------------|-------------------|------|-------|
| Off-site baseline | Habitat units | 0.00 | |
| | Hedgerow units | 0.00 | |
| | Watercourse units | 0.00 | |
| Off-site post-intervention <small>(Including habitat retention, creation & enhancement)</small> | Habitat units | 0.00 | |
| | Hedgerow units | 0.00 | |
| | Watercourse units | 0.00 | |
| Off-site net change <small>(units & percentage)</small> | Habitat units | 0.00 | 0.00% |
| | Hedgerow units | 0.00 | 0.00% |
| | Watercourse units | 0.00 | 0.00% |

| | | | |
|---------------------------------------------------------------------------------------------------------------------------------|-------------------|------|--|
| Combined net unit change <small>(Including all on-site & off-site habitat retention, creation & enhancement)</small> | Habitat units | 0.82 | |
| | Hedgerow units | 0.00 | |
| | 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 <small>(Including all on-site & off-site habitat retention, creation & enhancement)</small> | Habitat units | 0.82 | |
| | Hedgerow units | 0.00 | |
| | Watercourse units | 0.00 | |

| | | | |
|---------------------------------------------------------------------------------------------------------------------------|-------------------|--------|--|
| Total net % change <small>(Including all on-site & off-site habitat retention, creation & enhancement)</small> | Habitat units | 18.56% | |
| | Hedgerow units | 0.00% | |
| | Watercourse units | 0.00% | |

| | |
|--------------------------|-------|
| Trading rules satisfied? | Yes ✓ |
|--------------------------|-------|

| Unit Type | Target | Baseline Units | Units Required | Unit Deficit |
|-------------------|--------|----------------|----------------|--------------|
| Habitat units | 10.00% | 4.40 | 4.84 | 0.00 |
| Hedgerow units | 10.00% | 0.00 | 0.00 | 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 ✓

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Summary Figures

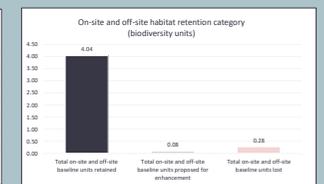
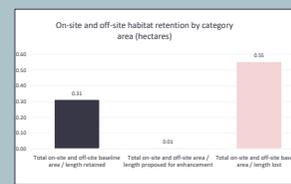
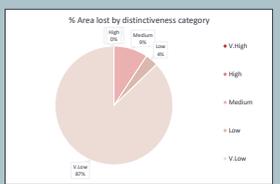
| | | | |
|----------------------------------------------------------------------------------------------------------------|--|-------------------|--------|
| Net project biodiversity units (including all on-site & off-site habitat retention / creation) | | Habitat units | 0.88 |
| | | Hedgerow units | 0.00 |
| | | Watercourse units | 0.00 |
| Total project biodiversity % change (including all on-site & off-site habitat creation + retained habitats) | | Habitat units | 18.86% |
| | | Hedgerow units | 0.00% |
| | | Watercourse units | 0.00% |

| Combined habitat retention and enhancement | | | |
|--------------------------------------------------------------------|----------|-----------|--------------|
| | Habitats | Hedgerows | Watercourses |
| Total on-site and off-site baseline area / length | 9.97 | 0.00 | 0.00 |
| Total on-site and off-site baseline units | 4.40 | 0.00 | 0.00 |
| Total on-site and off-site baseline area / length retained | 0.51 | 0.00 | 0.00 |
| Total on-site and off-site baseline units retained | 4.04 | 0.00 | 0.00 |
| Total on-site and off-site area / length proposed for enhancement | 0.01 | 0.00 | 0.00 |
| Total on-site and off-site baseline units proposed for enhancement | 0.08 | 0.00 | 0.00 |
| Total on-site and off-site baseline area / length lost | 0.58 | 0.00 | 0.00 |
| Total on-site and off-site baseline units lost | 0.38 | 0.00 | 0.00 |

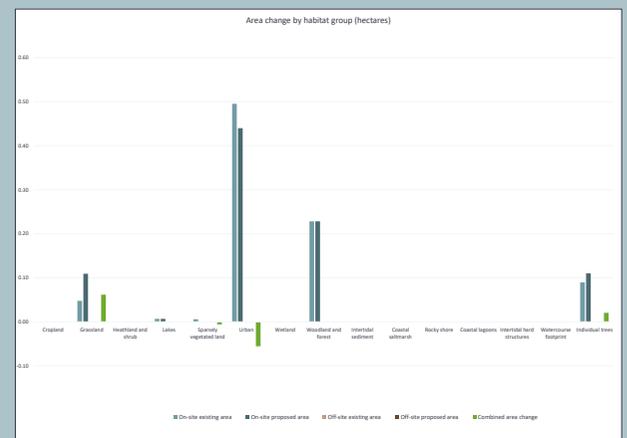
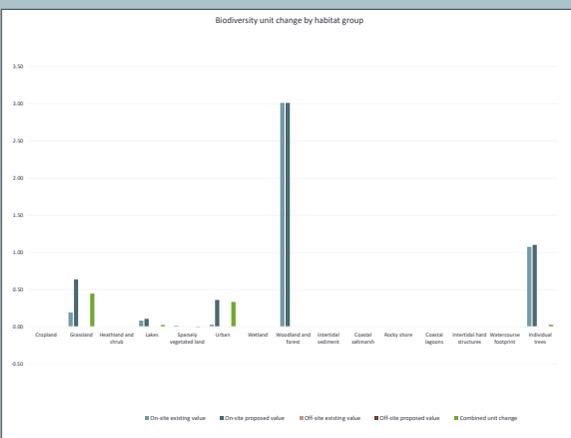
Area habitats

| 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 area change | On-site unit change |
| Chesilhead | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Chesilhead and shrub | 0.00 | 0.11 | 0.00 | 0.00 | -0.11 | -0.45 |
| Heathland and shrub | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Lalans | 0.00 | 0.08 | 0.00 | 0.00 | -0.08 | -0.28 |
| Scrubby vegetated land | 0.01 | 0.01 | 0.00 | 0.00 | -0.01 | -0.01 |
| Upland | 0.00 | 0.03 | 0.44 | 0.38 | -0.06 | -0.33 |
| Wetland | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Woodland and forest | 0.23 | 3.01 | 0.23 | 3.01 | 0.00 | 0.00 |
| Woodland and forest | 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 |
| Watercourse footprint | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Individual trees | 0.00 | 1.08 | 0.11 | 0.10 | -0.96 | -3.00 |

| Category | Area lost (hectares) | Area lost (%) |
|----------|----------------------|---------------|
| V High | 0 | 0 |
| High | 0 | 0 |
| Medium | 0.0017 | 9 |
| Low | 0.0194 | 4 |
| V Low | 0.0817 | 87 |



| 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 area change | Off-site unit change |
| Chesilhead | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Chesilhead | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Heathland and shrub | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Lalans | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Scrubby vegetated land | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Upland | 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 |
| Woodland and forest | 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 |
| Watercourse footprint | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Individual trees | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

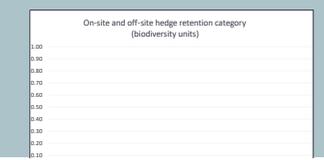


| Habitat group | Baseline | | On-site and off-site post-development | | Combined change | |
|----------------------------|-------------------------|-------------------------|---------------------------------------|----------------------|----------------------|----------------------|
| | Combined existing value | Combined proposed value | Combined proposed area | Combined area change | Combined unit change | Combined area change |
| Chesilhead | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Chesilhead and shrub | 0.00 | 0.19 | 0.11 | 0.04 | -0.08 | -0.45 |
| Heathland and shrub | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Lalans | 0.01 | 0.08 | 0.01 | 0.11 | 0.10 | 0.28 |
| Scrubby vegetated land | 0.01 | 0.00 | 0.00 | 0.00 | -0.01 | -0.01 |
| Lalans | 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 | 0.23 | 3.01 | 0.23 | 3.01 | 0.00 | 0.00 |
| Woodland and forest | 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 |
| Watercourse footprint | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Individual trees | 0.00 | 1.08 | 0.11 | 1.10 | 0.02 | 0.63 |

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 area change | 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 | 0.00 |
| Species-rich native hedgerow with trees | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Species-rich native hedgerow with trees - 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 |

| Category | Length lost (km) | Length lost (%) |
|----------|------------------|-----------------|
| V High | 0 | 0 |
| High | 0 | 0 |
| Medium | 0 | 0 |



| | | | | | | |
|---------------------------------------------------------------------|------|------|------|------|------|------|
| 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 |

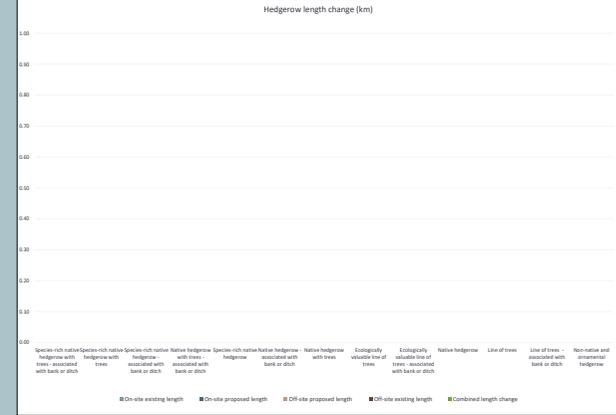
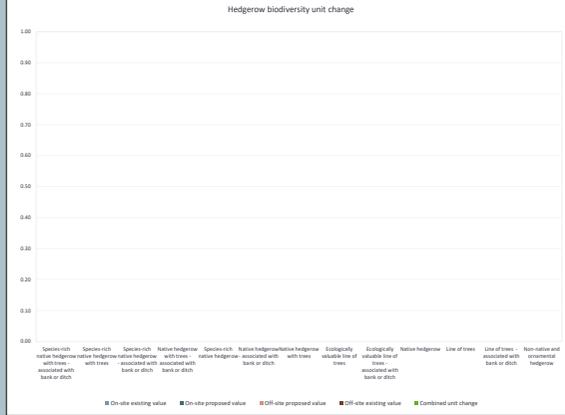
| | | |
|----------|---|--|
| Low | 0 | |
| Very Low | 0 | |

V Low

| | | | | | | |
|------------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------|-------------------------------------------------------------------|------------------------------------------------|------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 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 area / length lost | Total on-site and off-site baseline | Total on-site and off-site baseline with proposed for enhancement | Total on-site and off-site baseline units lost | |

| Off-site change by hedgerow type | | | | | | |
|-------------------------------------------------------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-----------------------|----------------------|
| Hedgerow type | Baseline | | Post-development on-site | | Off-site change | |
| | On-site existing length | Off-site existing value | On-site proposed length | Off-site proposed value | On-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 |
| 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 |
| 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 |

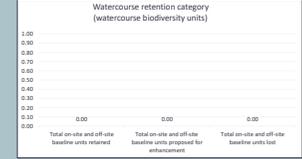
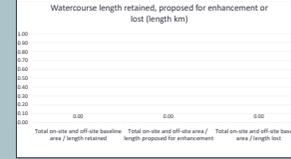
| Combined on-site and off-site change by hedgerow type | | | | | |
|-------------------------------------------------------------------------|--------------------------|-------------------------|--------------------------|-------------------------|----------------------|
| Hedgerow type | Baseline | | Post-development | | 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 | 0.00 | 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 | 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 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 hedgerow | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 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 |



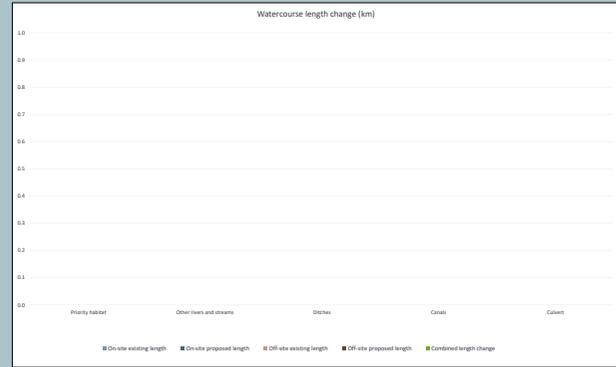
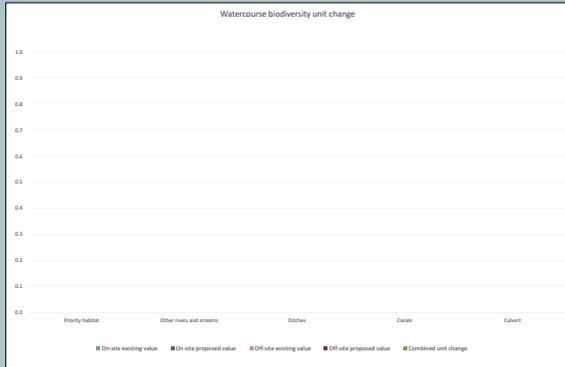
Watercourses

| On-site change by watercourse type | | | | | |
|------------------------------------|-------------------------|------------------------|--------------------------|------------------------|---------------------|
| 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 |
| Culvert | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| Combined length lost from baseline (a) by distinctiveness band | | |
|----------------------------------------------------------------|------------------|-----------------|
| Category | Length lost (km) | Length lost (%) |
| Very High | 0 | 0 |
| High | 0 | 0 |
| Medium | 0 | 0 |
| Low | 0 | 0 |



| Off-site change by watercourse type | | | | | | |
|-------------------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-----------------------|----------------------|
| Watercourse type | Baseline | | Post-development on-site | | Off-site change | |
| | On-site existing length | Off-site existing value | On-site proposed length | Off-site proposed value | On-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-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 |
| Culvert | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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Trading summary hedgerows

Trading summary watercourses

Trading Summary

| Distinctiveness Group | Trading Rule | Trading Satisfied? |
|-----------------------|-------------------------------------------------------------------|--------------------|
| Very High | Same habitat required - bespoke compensation option Δ | Yes ✓ |
| High | Same habitat required = | Yes ✓ |
| Medium | Same broad habitat or a higher distinctiveness habitat required ≥ | Yes ✓ |
| Low | Same distinctiveness or better habitat required ≥ | 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 CPGM | 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 | 0.02 | 0.00 | 0.02 | ✓ |
| 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 - 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/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 | |

High Distinctiveness Summary

| | | |
|------------------------------------------------------------------------------|------|---|
| High Distinctiveness Units available to offset lower distinctiveness deficit | 0.02 | ✓ |
| Remaining losses; Like for like not satisfied | 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 | |
| Intertidal sediment - Littoral seagrass | Intertidal sediment | 0.00 | 0.00 | 0.00 | |
| | | 0.02 | 0.00 | 0.02 | 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 | 0.44 | 0.00 | 0.44 | 0.44 ✓ |
| 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 | |
| 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 | 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 - 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 | 0.00 | 0.00 | 0.00 | 0.03 ✓ |
| Individual trees - Rural tree | Individual trees | 0.03 | 0.00 | 0.03 | |
| 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 | |
| Woodland and forest - Other woodland; mixed | Woodland and forest | 0.00 | 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 | |
| Intertidal hard structures - Artificial hard structures with integrated greening of grey infrastructure (IGGI) | Intertidal hard structures | 0.00 | 0.00 | 0.00 | 0.00 |
| | | 0.46 | 0.00 | 0.46 | |

| Medium Distinctiveness Summary | |
|-----------------------------------------------------------------------------------------|--------|
| Medium Distinctiveness Units available to offset Lower Distinctiveness Deficit | 0.46 ✓ |
| Medium Distinctiveness Broad Habitat losses to be offset by trading up | 0.00 |
| Higher Distinctiveness Surplus Units minus Medium Distinctiveness Broad Habitat Deficit | 0.02 ✓ |
| Cumulative surplus of units | 0.49 ✓ |

| 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 | 0.01 | 0.00 | 0.01 | 0.01 ✓ |
| 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 | -0.01 | 0.00 | -0.01 | -0.01 Δ |
| Sparsely vegetated land - Tall forbs | Sparsely vegetated land | 0.00 | 0.00 | 0.00 | |
| Urban - Bicewale | Urban | 0.00 | 0.00 | 0.00 | |
| Urban - Bare ground | Urban | 0.00 | 0.00 | 0.00 | |

| Low Distinctiveness Summary | |
|-----------------------------------------|--------|
| Low Distinctiveness net change in units | 0.33 ✓ |
| Cumulative surplus of units | 0.82 ✓ |

| | | | | |
|---------------------------------------------------------------------|----------------------------|-------------|-------------|-------------|
| 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 |
| 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 | 0.00 | 0.00 | 0.00 |
| Urban - Vacant or derelict land | Urban | -0.03 | 0.00 | -0.03 |
| Urban - Vegetated garden | Urban | 0.36 | 0.00 | 0.36 |
| 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 |
| | | 0.33 | 0.00 | 0.33 |

Project Name: Land at Greenacres, Boscawen Lane, Shirley, West Sussex, BN13
 A-1 On-Site Habitat Baseline

| Area habitat summary | |
|-----------------------|-------|
| Total Net Unit Change | 0.88 |
| Total Net % Change | 18.8% |
| Tree/Tree Value Ratio | 1.7 |

Condense / Show Columns
 Mark Menu
 Condense / Show Rows

| Ref | Existing area habitats | | | Disturbance | | Condition | | Strategic significance | | | Required Action to Meet Treeing Rules | Ecological benefits | |
|-----|------------------------|------------------------------------------|-----------------------|-----------------------------------------------------------------------------------------------|-------------|-----------|-------------|------------------------|------------------------------------------------------------|-------------------------------|---------------------------------------|---------------------------------------------------------------|-----------------------------------|
| | Broad Habitat | Habitat Type | Irreplaceable habitat | Area (hectares) | Disturbance | Score | Condition | Score | Strategic significance | Strategic significance | | | Strategic significance multiplier |
| 1 | Grassland | Other natural grassland | No | 0.0470 | Medium | 4 | Poor | 1 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Some habitat required in | 0.19 |
| 2 | Openly vegetated land | Rural/Edgeland | No | 0.0209 | Low | 2 | Poor | 1 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Some disturbance or benefit habitat required in | 0.02 |
| 3 | Lake | Private (private habitat) | No | 0.0085 | High | 8 | Moderate | 2 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Some habitat required in | 0.05 |
| 4 | Urban | Developed land, sealed surface | No | 0.8885 | V.Low | 0 | N/A - Other | 0 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Compensation Not Required | 0.00 |
| 5 | Urban | Developed land, sealed surface | No | 0.0594 | V.Low | 0 | N/A - Other | 0 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Compensation Not Required | 0.00 |
| 6 | Urban | Developed land, sealed surface | No | 0.0089 | V.Low | 0 | N/A - Other | 0 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Compensation Not Required | 0.00 |
| 7 | Urban | Developed land, sealed surface | No | 0.0101 | V.Low | 0 | N/A - Other | 0 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Compensation Not Required | 0.00 |
| 8 | Urban | Developed land, sealed surface | No | 0.0068 | V.Low | 0 | N/A - Other | 0 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Compensation Not Required | 0.00 |
| 9 | Urban | Developed land, sealed surface | No | 0.0058 | V.Low | 0 | N/A - Other | 0 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Compensation Not Required | 0.00 |
| 10 | Urban | Developed land, sealed surface | No | 0.0130 | V.Low | 0 | N/A - Other | 0 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Compensation Not Required | 0.00 |
| 11 | Urban | Artificial unvegetated, unsealed surface | No | 0.1260 | V.Low | 0 | N/A - Other | 0 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Compensation Not Required | 0.00 |
| 12 | Woodland and forest | Lowland mixed deciduous woodland | No | 0.2352 | High | 6 | Moderate | 2 | Location ecologically sensitive but not in local strategy | Medium Strategic Significance | 1.1 | Some habitat required in | 0.51 |
| 13 | Individual trees | Rural tree | No | 0.0163 | Medium | 4 | Good | 3 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Some habitat not in a higher strategic value habitat category | 0.30 |
| 14 | Individual trees | Rural tree | No | 0.0163 | Medium | 4 | Good | 3 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Some habitat not in a higher strategic value habitat category | 0.30 |
| 15 | Individual trees | Rural tree | No | 0.0396 | Medium | 4 | Good | 3 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Some habitat not in a higher strategic value habitat category | 0.44 |
| 16 | Individual trees | Rural tree | No | 0.0163 | Medium | 4 | Good | 3 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Some habitat not in a higher strategic value habitat category | 0.30 |
| 17 | Individual trees | Rural tree | No | 0.0041 | Medium | 4 | Good | 3 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Some habitat not in a higher strategic value habitat category | 0.05 |
| 18 | Urban | Vacant or derelict land | No | 0.0135 | Low | 2 | Poor | 1 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Some disturbance or benefit habitat required in | 0.03 |
| 19 | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | |
| | | | | Total habitat area | | | | 0.67 | | | | 4.40 | |
| | | | | Site Area (including area of individual trees, green walls, terraces, hard structures) | | | | 4.76 | | | | | |

| Ecological benefits | | | | | | | Comments | | |
|---------------------|---------------|---------------------|---------------------|-------------------|-------------|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------|--------------------------|
| Area retained | Area enhanced | Shrub/Tree retained | Shrub/Tree enhanced | Area habitat lost | Units lost | Biotope compensation agreed for losses of VEDN or Irreplaceable habitat | User comments | Planning authority comments | Habitat reference number |
| | | 0.00 | 0.00 | 0.05 | 0.19 | | | | 1 |
| | | 0.00 | 0.00 | 0.01 | 0.01 | | | | 2 |
| | 0.0058 | 0.00 | 0.00 | 0.00 | 0.00 | | Priority pond due to the presence of a European Protected Species - Great Crested Newt | | 3 |
| | | 0.00 | 0.00 | 0.29 | 0.00 | | | | 4 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | | | | 5 |
| | | 0.00 | 0.00 | 0.01 | 0.00 | | | | 6 |
| | | 0.00 | 0.00 | 0.01 | 0.00 | | | | 7 |
| | | 0.00 | 0.00 | 0.01 | 0.00 | | | | 8 |
| | | 0.00 | 0.00 | 0.01 | 0.00 | | | | 9 |
| | | 0.00 | 0.00 | 0.01 | 0.00 | | | | 10 |
| | | 0.00 | 0.00 | 0.13 | 0.00 | | | | 11 |
| 0.0202 | | 0.01 | 0.00 | 0.00 | 0.00 | | | | 12 |
| 0.0163 | | 0.30 | 0.00 | 0.00 | 0.00 | | | | 13 |
| 0.0163 | | 0.30 | 0.00 | 0.00 | 0.00 | | | | 14 |
| 0.0396 | | 0.44 | 0.00 | 0.00 | 0.00 | | | | 15 |
| 0.0163 | | 0.30 | 0.00 | 0.00 | 0.00 | | | | 16 |
| | | 0.00 | 0.00 | 0.00 | 0.05 | | | | 17 |
| | | 0.00 | 0.00 | 0.01 | 0.03 | | | | 18 |
| | | | | | | | | | |
| | | | | | | | | | |
| 0.81 | 0.01 | 4.04 | 0.00 | 0.05 | 0.38 | | | | |

Total area lost (excluding area of individual trees, green walls and terraces, hard structures) **0.88**

| | | | |
|----------------------------------------|-----------------------|------------------|-----------|
| MP to backbone conversion tool: | Select a unit: | Electrons | MP |
|----------------------------------------|-----------------------|------------------|-----------|

