

# The Statutory Biodiversity Metric

Auditing and accounting for biodiversity

## Calculation Tool

Version 1.0.4

Open Tool



# The Statutory Biodiversity Metric

## Start page

### Project details

| Project details                                                        |                                                                     |                                                 |      |
|------------------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------------|------|
| Planning authority:                                                    | Horsham District Council (HDC)                                      |                                                 |      |
| Project name:                                                          | Springlands, Frylands Lane, Wineham, Henfield, West Sussex, BN5 9BP |                                                 |      |
| Applicant:                                                             | Andrew Simon Arnold                                                 |                                                 |      |
| Application type:                                                      | Solar panels for residential use                                    |                                                 |      |
| Planning application reference:                                        | TBC                                                                 |                                                 |      |
| Completed by:                                                          | Alice Motola - Consultant Ecologist                                 |                                                 |      |
| Date of metric completion:                                             | 15 May 2026                                                         |                                                 |      |
| Reviewer:                                                              | Hannah Baker MSc (Hons) ACIEEM- Director                            |                                                 |      |
| Calculation iteration:                                                 | 1                                                                   |                                                 |      |
| 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):     | 0.84                                                                | 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  |

Main menu

Results

### Cell style conventions

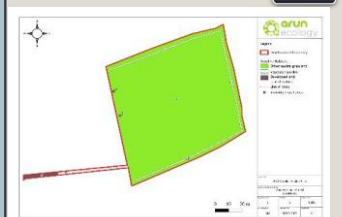
|   |                                          |
|---|------------------------------------------|
| ⚠ | Attention required                       |
| ▲ | Input error/rules and principles not met |
|   | Use of this cell is not appropriate      |
|   | Enter data                               |
|   | Automatic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

View all

Reset view

### On-site baseline map

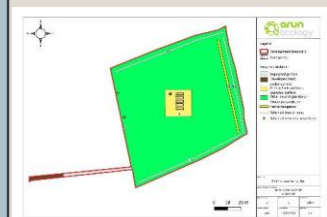
Insert



On-site baseline map reference number

### On-site post intervention map

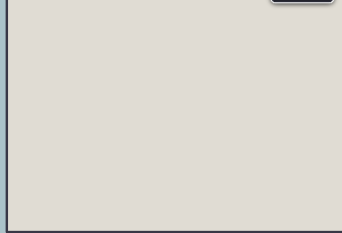
Insert



On-site post-intervention map reference number

### Off-site baseline map

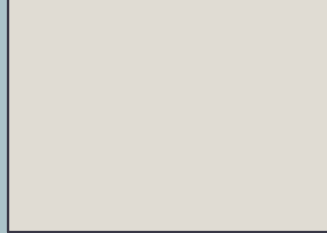
Insert



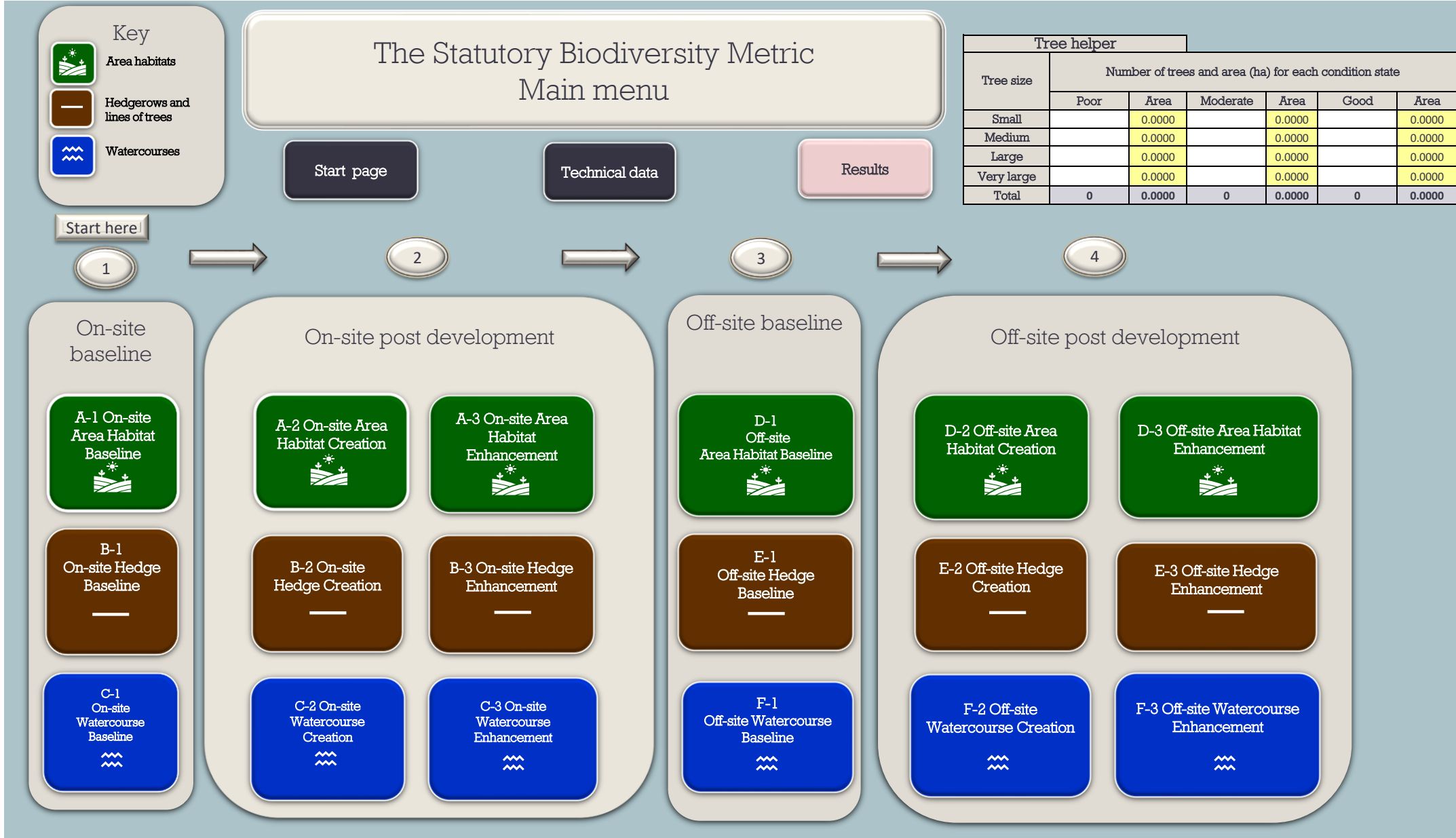
Off-site baseline map reference number

### Off-site post intervention map

Insert



Off-site post-intervention reference number



# The Statutory Biodiversity Metric Results

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Headline results

Detailed results

Habitat trading  
summaries

Off-site  
summary

Irreplaceable  
habitats summary

Credits Summary

Springlands, Frylands Lane, Wineham, Henfield, W

Headline Results

Scroll down for final results 

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results menu

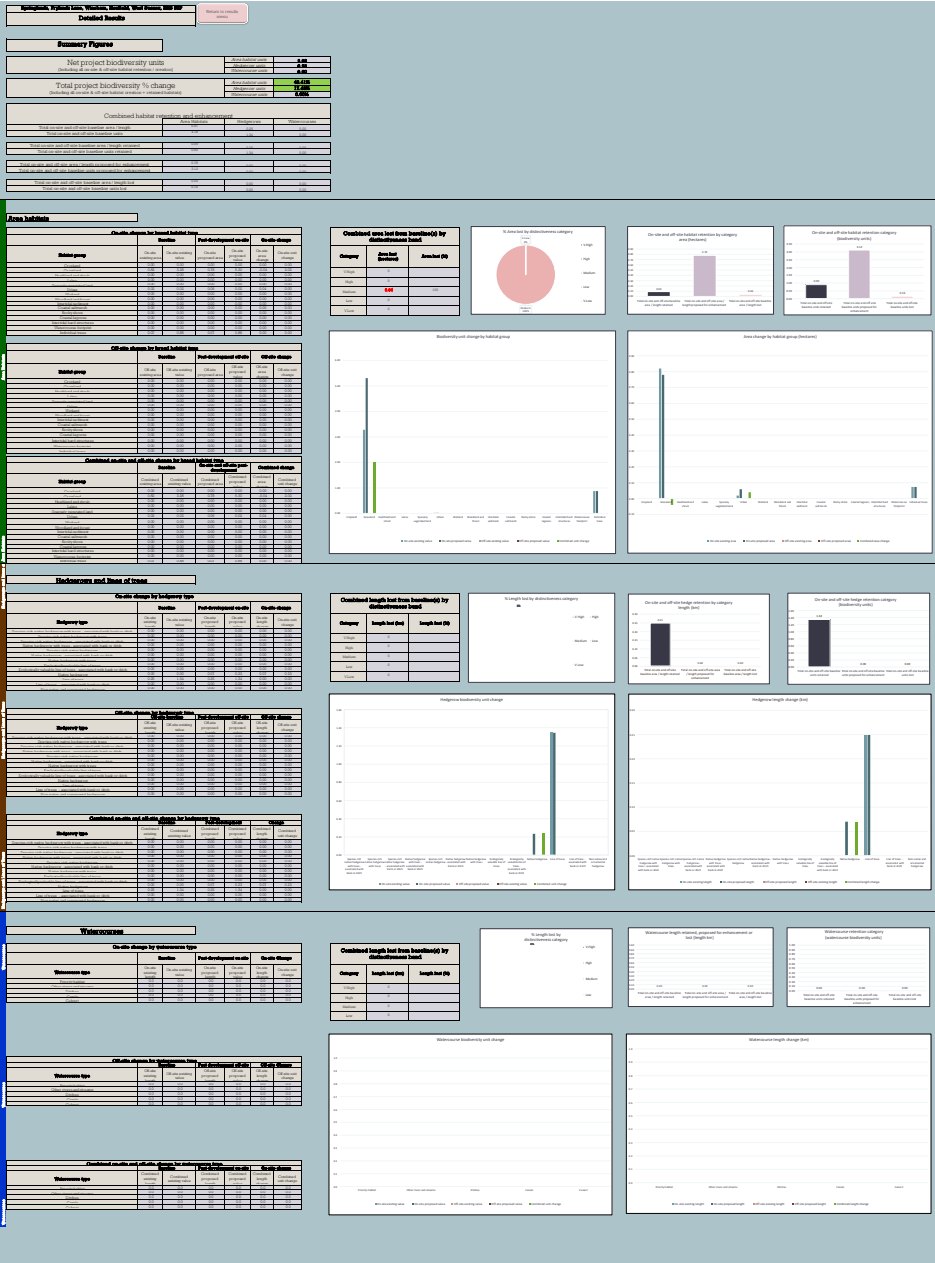
|                                                                                                       |                    |      |        |
|-------------------------------------------------------------------------------------------------------|--------------------|------|--------|
| On-site baseline                                                                                      | Area habitat units | 4.18 |        |
|                                                                                                       | Hedgerow units     | 1.34 |        |
|                                                                                                       | Watercourse units  | 0.00 |        |
| On-site post-intervention<br><small>(Including habitat retention, creation &amp; enhancement)</small> | Area habitat units | 6.21 |        |
|                                                                                                       | Hedgerow units     | 1.58 |        |
|                                                                                                       | Watercourse units  | 0.00 |        |
| On-site net change<br><small>(units &amp; percentage)</small>                                         | Area habitat units | 2.02 | 48.41% |
|                                                                                                       | Hedgerow units     | 0.23 | 17.43% |
|                                                                                                       | Watercourse units  | 0.00 | 0.00%  |

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

|                                                                                                                                 |                    |      |  |
|---------------------------------------------------------------------------------------------------------------------------------|--------------------|------|--|
| Combined net unit change<br><small>(Including all on-site &amp; off-site habitat retention, creation &amp; enhancement)</small> | Area habitat units | 2.02 |  |
|                                                                                                                                 | Hedgerow units     | 0.23 |  |
|                                                                                                                                 | Watercourse units  | 0.00 |  |
| Spatial risk multiplier (SRM) deductions                                                                                        | Area habitat units | 0.00 |  |
|                                                                                                                                 | Hedgerow units     | 0.00 |  |
|                                                                                                                                 | Watercourse units  | 0.00 |  |

|                                                                                                                              |                    |        |  |
|------------------------------------------------------------------------------------------------------------------------------|--------------------|--------|--|
| FINAL RESULTS                                                                                                                |                    |        |  |
| Total net unit change<br><small>(Including all on-site &amp; off-site habitat retention, creation &amp; enhancement)</small> | Area habitat units | 2.02   |  |
|                                                                                                                              | Hedgerow units     | 0.23   |  |
|                                                                                                                              | Watercourse units  | 0.00   |  |
| Total net % change<br><small>(Including all on-site &amp; off-site habitat retention, creation &amp; enhancement)</small>    | Area habitat units | 48.41% |  |
|                                                                                                                              | Hedgerow units     | 17.43% |  |
|                                                                                                                              | Watercourse units  | 0.00%  |  |
| Trading rules satisfied?                                                                                                     | Yes ✓              |        |  |

| Unit Type          | Target | Baseline Units | Units Required | Unit Deficit |                                                            |
|--------------------|--------|----------------|----------------|--------------|------------------------------------------------------------|
| Area habitat units | 10.00% | 4.18           | 4.80           | 0.00         | No additional area habitat units required to meet target ✓ |
| Hedgerow units     | 10.00% | 1.34           | 1.48           | 0.00         | No additional hedgerow units required to meet target ✓     |
| Watercourse units  | 10.00% | 0.00           | 0.00           | 0.00         | No additional watercourse units required to meet target ✓  |





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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                     |

| High Distinctiveness                                         |                     |                      |                          |
|--------------------------------------------------------------|---------------------|----------------------|--------------------------|
| Habitat group                                                | On-site unit change | Off-site unit change | Project wide unit change |
| Species-rich native hedgerow with trees                      | 0.00                | 0.00                 | 0.00                     |
| 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                     |
|                                                              | 0.00                | 0.00                 | 0.00                     |

| Medium Distinctiveness                                              |                     |                      |                          |
|---------------------------------------------------------------------|---------------------|----------------------|--------------------------|
| Habitat group                                                       | On-site unit change | Off-site unit change | Project wide unit change |
| Species-rich native hedgerow                                        | 0.00                | 0.00                 | 0.00                     |
| 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                     |
|                                                                     | 0.00                | 0.00                 | 0.00                     |

| Low Distinctiveness                           |                     |                      |                          |
|-----------------------------------------------|---------------------|----------------------|--------------------------|
| Habitat group                                 | On-site unit change | Off-site unit change | Project wide unit change |
| Native hedgerow                               | 0.23                | 0.00                 | 0.23 ✓                   |
| Line of trees                                 | 0.00                | 0.00                 | 0.00                     |
| Line of trees - associated with bank or ditch | 0.00                | 0.00                 | 0.00                     |
|                                               | 0.23                | 0.00                 | 0.23                     |

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

| Medium Distinctiveness Summary                       |      |
|------------------------------------------------------|------|
| Units available from higher distinctiveness habitats | 0.00 |
| Medium Distinctiveness net change in units           | 0.00 |
| Cumulative availability of units                     | 0.00 |

| Low Distinctiveness Summary             |      |   |
|-----------------------------------------|------|---|
| Low Distinctiveness net change in units | 0.23 | ✓ |
| Cumulative availability of units        | 0.23 | ✓ |

| Very Low Distinctiveness Summary             |        |
|----------------------------------------------|--------|
| Very Low Distinctiveness net change in units | 0.00   |
| Cumulative availability of units             | 0.23 ✓ |

Return to results menu

Trading summary area habitats

Trading summary hedgerows

| 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 habitat required =                                      | Yes ✓              |
| Low                   | Better distinctiveness habitat required                      | Yes ✓              |

| Very High Distinctiveness |                     |                      |                          |
|---------------------------|---------------------|----------------------|--------------------------|
| Habitat group             | On-site unit change | Off-site unit change | Project-wide unit change |
| Priority habitat          | 0.00                | 0.00                 | 0.00                     |
|                           | 0.00                | 0.00                 | 0.00                     |

| High Distinctiveness     |                     |                      |                          |
|--------------------------|---------------------|----------------------|--------------------------|
| Habitat group            | On-site unit change | Off-site unit change | Project-wide unit change |
| Other rivers and streams | 0.00                | 0.00                 | 0.00                     |
|                          | 0.00                | 0.00                 | 0.00                     |

| Medium Distinctiveness |                     |                      |                          |
|------------------------|---------------------|----------------------|--------------------------|
| Habitat group          | On-site unit change | Off-site unit change | Project wide unit change |
| Ditches                | 0.00                | 0.00                 | 0.00                     |
| Canals                 | 0.00                | 0.00                 | 0.00                     |
|                        | 0.00                | 0.00                 | 0.00                     |

| Low Distinctiveness |                     |                      |                          |
|---------------------|---------------------|----------------------|--------------------------|
| Habitat group       | On-site unit change | Off-site unit change | Project wide unit change |
| Culvert             | 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 Summary                                                 |      |
|------------------------------------------------------------------------------|------|
| High Distinctiveness Units available to offset lower distinctiveness deficit | 0.00 |
| Remaining losses; Like for like not satisfied                                | 0.00 |

| Medium Distinctiveness Summary                                                 |      |
|--------------------------------------------------------------------------------|------|
| Medium Distinctiveness Units available to offset Lower Distinctiveness Deficit | 0.00 |
| Remaining losses; Like for like not satisfied                                  | 0.00 |

| Low Distinctiveness Summary             |      |
|-----------------------------------------|------|
| Low Distinctiveness net change in units | 0.00 |
| Cumulative availability of units        | 0.00 |

| Credits Required by Tier/Module |                  |
|---------------------------------|------------------|
| Tier                            | Credits Required |
| 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 already been applied to calculate these values.

[illegible]

|                                     |  |
|-------------------------------------|--|
| Irreplaceable area habitats on-site |  |
|-------------------------------------|--|

• For further information please refer to the replaceable habitats section of the metric user guide. This sheet is extrapolated from the AI on the habitat baseline tab, with the exception of irreplaceable habitat name.

[illegible]

|                                      |  |
|--------------------------------------|--|
| Irreplaceable area habitats off-site |  |
|--------------------------------------|--|

[illegible]

Project Name: Springlands, Pyramide Lane, Wingham, Kentfield, West Sussex, BN9 9BP  
A-1 On-Site Habitat Baseline

Condense / Show Columns  
Condense / Show Rows  
Main Menu

| Area habitat summary    |        |
|-------------------------|--------|
| Total Net Unit Change   | 3.08   |
| Total Net % Change      | 68.41% |
| Trading Rules Satisfied | Yes ✓  |

| Existing area habitats |                  |                                |                       |                                                                                         | Distinctiveness |       | Condition                   |       | Strategic significance                                     |                            |                                   | Required Action to Meet Trading Rules                           | Ecological baseline |
|------------------------|------------------|--------------------------------|-----------------------|-----------------------------------------------------------------------------------------|-----------------|-------|-----------------------------|-------|------------------------------------------------------------|----------------------------|-----------------------------------|-----------------------------------------------------------------|---------------------|
| Ref                    | Broad Habitat    | Habitat Type                   | Irreplaceable habitat | Area (hectares)                                                                         | Distinctiveness | Score | Condition                   | Score | Strategic significance                                     | Strategic significance     | Strategic significance multiplier |                                                                 | Total habitat units |
| 1                      | Grassland        | Other neutral grassland        | No                    | 0.82                                                                                    | Medium          | 4     | Poor                        | 1     | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1                                 | Same broad habitat or a higher distinctiveness habitat required | 3.38                |
| 2                      | Urban            | Vegetated garden               | No                    | 0.012                                                                                   | Low             | 2     | Good/Condition Assessed N/A | 1     | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1                                 | Same distinctiveness or better habitat required or              | 0.02                |
| 3                      | Urban            | Developed land: sealed surface | No                    | 0.007                                                                                   | Very Low        | 0     | N/A - Other                 | 0     | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1                                 | Compensation Not Required                                       | 0.00                |
| 4                      | Individual trees | Rural tree                     | No                    | 0.0386                                                                                  | Medium          | 4     | Good                        | 3     | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1                                 | Same broad habitat or a higher distinctiveness habitat required | 0.44                |
| 5                      | Individual trees | Rural tree                     | No                    | 0.0386                                                                                  | Medium          | 4     | Good                        | 3     | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1                                 | Same broad habitat or a higher distinctiveness habitat required | 0.44                |
| 6                      |                  |                                |                       |                                                                                         |                 |       |                             |       |                                                            |                            |                                   |                                                                 |                     |
| 7                      |                  |                                |                       |                                                                                         |                 |       |                             |       |                                                            |                            |                                   |                                                                 |                     |
|                        |                  |                                |                       | Total habitat area                                                                      | 0.91            |       |                             |       |                                                            |                            |                                   |                                                                 | 4.18                |
|                        |                  |                                |                       | Site Area (including area of individual trees, green walls, intertidal hard structures) | 0.91            |       |                             |       |                                                            |                            |                                   |                                                                 |                     |

|               |               |                         |                         |                                                                                                  |            | Species compensation agreed for losses of VEDS or Irreplaceable habitat |  |  | Comments                                                                          |                             |                          |
|---------------|---------------|-------------------------|-------------------------|--------------------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------|--|--|-----------------------------------------------------------------------------------|-----------------------------|--------------------------|
| Area retained | Area enhanced | Baseline units retained | Baseline units enhanced | Area habitat lost                                                                                | Units lost |                                                                         |  |  | User comments                                                                     | Planning authority comments | Habitat reference number |
| 0             | 0.78          | 0.00                    | 3.12                    | 0.04                                                                                             | 0.18       |                                                                         |  |  | Grassland field northeast of the main house property                              |                             |                          |
| 0.012         | 0             | 0.02                    | 0.00                    | 0.00                                                                                             | 0.00       |                                                                         |  |  | Path leading to the solar panels field within the existing main house back garden |                             |                          |
| 0.007         | 0             | 0.00                    | 0.00                    | 0.00                                                                                             | 0.00       |                                                                         |  |  | Hardstanding in correspondence of the site access                                 |                             |                          |
| 0.0386        | 0             | 0.44                    | 0.00                    | 0.00                                                                                             | 0.00       |                                                                         |  |  | One large ash tree along the western development boundary                         |                             |                          |
| 0.0386        | 0             | 0.44                    | 0.00                    | 0.00                                                                                             | 0.00       |                                                                         |  |  | One large oak tree along the western development boundary                         |                             |                          |
|               |               |                         |                         |                                                                                                  |            |                                                                         |  |  |                                                                                   |                             |                          |
|               |               |                         |                         |                                                                                                  |            |                                                                         |  |  |                                                                                   |                             |                          |
| 0.08          | 0.78          | 0.80                    | 3.18                    | 0.04                                                                                             | 0.18       |                                                                         |  |  |                                                                                   |                             |                          |
|               |               |                         |                         | Total area lost (including area of individual trees, green walls and intertidal hard structures) | 0.04       |                                                                         |  |  |                                                                                   |                             |                          |

| M² to baseline conversion tool: | Select a unit | hectares | M² |
|---------------------------------|---------------|----------|----|
|                                 |               |          |    |

Condense / Show Columns

Condense / Show Rows

Main Menu

| Area habitat summary    |                   |
|-------------------------|-------------------|
| Total Net Unit Change   | 2.08              |
| Total Net % Change      | 48.41%            |
| Trading Rules Satisfied | Yes ✓             |
| Area Check:             | Area Acceptable ✓ |

[illegible]

|                                                                                         |      |
|-----------------------------------------------------------------------------------------|------|
| Site Area (Excluding area of individual trees, green wells, intertidal hard structures) | 0.04 |
|-----------------------------------------------------------------------------------------|------|

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

|                                                                                                  |  |                                                                               |
|--------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------|
| <p> <input type="checkbox"/> <b>Standard inhibitor not associated but can be considered</b> </p> |  | <p> <input type="checkbox"/> <b>Changes in distribution and location</b> </p> |
|--------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------|



[illegible]





Springlands, Frylands Lane, Wineham, Henfield, West Sussex, BN9 9BP

M

B-2 On-Site Hedge Creation

Condense / Show Columns

Condense / Show Rows

Main Menu

| Hedgerow summary       |        |
|------------------------|--------|
| Total Net Unit Change  | 0.83   |
| Total Net % Change     | 17.49% |
| Trading Rules Selected | Yes ✓  |

|     |                  | Proposed habitats |            | Distinctiveness |       | Condition |       | Strategic significance                                     |  |  |                                           | Temporal multiplier                |                                            |                                               |                                        |                                 | Difficulty risk multipliers     |                               |                              |                               | Hedge units delivered | Comments                                                                        |                          |  |  |
|-----|------------------|-------------------|------------|-----------------|-------|-----------|-------|------------------------------------------------------------|--|--|-------------------------------------------|------------------------------------|--------------------------------------------|-----------------------------------------------|----------------------------------------|---------------------------------|---------------------------------|-------------------------------|------------------------------|-------------------------------|-----------------------|---------------------------------------------------------------------------------|--------------------------|--|--|
| Ref | New hedge number | Habitat type      | Length (m) | Distinctiveness | Score | Condition | Score | Strategic significance                                     |  |  | Standard Time to target condition (years) | Habitat created in advance (years) | Delay in starting habitat creation (years) | Standard or adjusted time to target condition | Final time to target condition (years) | Final time to target multiplier | Standard difficulty of creation | Applied difficulty multiplier | Final difficulty of creation | Difficulty multiplier applied | User comments         | Planning authority comments                                                     | Habitat reference number |  |  |
| 1   | H1               | Native hedgerow   | 0.07       | Low             | 2     | Moderate  | 2     | Area/compensation not in local strategy/ no local strategy |  |  | Low strategic significance                | 1                                  | 5                                          | Standard time to target condition applied     | 5                                      | 0.807                           | Low                             | Standard difficulty applied   | Low                          | 1                             | 0.83                  | Proposed native hedgerow within the eastern section of the development boundary |                          |  |  |
| 2   |                  |                   |            |                 |       |           |       |                                                            |  |  |                                           |                                    |                                            |                                               |                                        |                                 |                                 |                               |                              |                               |                       |                                                                                 |                          |  |  |
| 3   |                  |                   |            |                 |       |           |       |                                                            |  |  |                                           |                                    |                                            |                                               |                                        |                                 |                                 |                               |                              |                               |                       |                                                                                 |                          |  |  |
| 4   |                  |                   |            |                 |       |           |       |                                                            |  |  |                                           |                                    |                                            |                                               |                                        |                                 |                                 |                               |                              |                               |                       |                                                                                 |                          |  |  |
| 5   |                  |                   |            |                 |       |           |       |                                                            |  |  |                                           |                                    |                                            |                                               |                                        |                                 |                                 |                               |                              |                               |                       |                                                                                 |                          |  |  |
| 6   |                  |                   |            |                 |       |           |       |                                                            |  |  |                                           |                                    |                                            |                                               |                                        |                                 |                                 |                               |                              |                               |                       |                                                                                 |                          |  |  |
|     |                  |                   | 0.07       |                 |       |           |       |                                                            |  |  |                                           |                                    |                                            |                                               |                                        |                                 |                                 |                               |                              |                               |                       | 0.83                                                                            |                          |  |  |







[illegible]