

| Survey Cover Sheet | | | |
|--------------------|---------------|--|--|
| Survey date/s | 05/12/2024 | Site name or location | Land to the north of Manor Road, Brandon, Suffolk. |
| Weather conditions | Suitable, dry | Project or development name | Proposed new Brandon Cemetery |
| Surveyor name | Hannah Evans | On-site or off-site | On and offsite |
| Survey reference | | Reason for assessment (if not baseline condition survey) | |

Notes

The onsite parcel comprises a field of predominantly of tussocky grassland, the majority of which is relatively species poor and consists of species typical of other neutral grassland. Paths have been cut through the site, that now consist of primarily bare ground, due to foot traffic and dog walking. The site also contains some stands of tall ruderal vegetation along the southern boundary with a small area of scrub in the southwestern corner of the plot. A section of the site in the middle of the southern boundary has been cleared, in the location of the proposed new access, and currently comprises a strip of species poor grass.

The proposed off-site habitat enhancement parcel comprises of other neutral grassland within the applicant's land holding, the plot is at the northern end of the field c. 75m north of the application site. The area contains grassland of a similar type and quality as the on-site plot with little variation between the northern and southern ends, though it appears less frequently used than the application site and

~~the southern edge of the parcel is abutted by a line of trees~~

| Site or location | Condition sheets | Total number of condition sheets used, or habitat parcels | Number of parcels of each condition achieved | | | | | Notes |
|------------------|---|---|--|-------------|----------|-------------|------|---|
| | | | Good | Fairly Good | Moderate | Fairly Poor | Poor | |
| | Coastal | | | | | | | |
| | Coastal lagoons | | | | | | | |
| | Coastal saltmarsh | | | | | | | |
| | Ditches | | | | | | | |
| | Grassland low distinctiveness | 1 H2 | | | 1 | | | Mown modified grassland onsite (H2) assessed as moderate at baseline. |
| | Grassland medium, high, very high distinctiveness | 2 H1 and OFS1 | | | 2 | | | Other neutral grassland in the onsite (H1) plot and offsite (OFS1) plot assessed as moderate baseline |

| | | | | | | | | |
|--|---------------------------------------|--|--|--|--|--|--|--|
| | Heathland | | | | | | | |
| | Hedgerow | | | | | | | |
| | Individual trees | | | | | | | |
| | Intertidal biogenic reefs | | | | | | | |
| | Intertidal hard structures | | | | | | | |
| | Intertidal seagrass | | | | | | | |
| | Intertidal sediment | | | | | | | |

| | | | | | | | | |
|--|---------------------------|--|--|--|--|--|--|--|
| | Lakes | | | | | | | |
| | Limestone pavement | | | | | | | |
| | Line of trees | | | | | | | |
| | Orchard | | | | | | | |
| | Ponds | | | | | | | |
| | Rocky shore | | | | | | | |
| | Scrub | | | | | | | |

| | | | | | | | | |
|--|----------------------------------|-------------|--|--|---|--|---|---|
| | Sparsely vegetated land | | | | | | | |
| | Urban | 2 H3 and H4 | | | 1 | | 1 | Bare ground (H4) assessed as poor and ruderal (H3) assessed as moderate |
| | Wetland | | | | | | | |
| | Woodland | | | | | | | |
| | Wood-pasture and parkland | | | | | | | |

| Condition Sheet: GRASSLAND Habitat Type (low distinctiveness) | | | |
|--|--|--|--|
| UK Habitat Classification (UKHab) Habitat Type | | | |
| Grassland - Modified grassland | | | |
| On-site or off-site, site name and location | On-site. Lant to the North of Manor Road, Brandon, Suffolk. | Survey date and Surveyor name | 05/12/2024 Hannah Evans |
| Limitations (if applicable) | | Survey reference (if relating to a wider survey) | |
| Grid reference | | Habitat parcel reference | H2 |
| Habitat Description A strip of closely mown modified grassland in the location of the proposed new access, off the middle of the southern boundary, adjacent to Manor Road. The baseline condition is assessed as moderate as the uniform sward is species poor (6-8 plants per m ²) and the parcel passes 5 criteria including essential criterion A, failing D for levels of physical damage creating more than 5% of bare ground. | | | |
| ukhab – UK Habitat Classification | | | |
| Condition Assessment Criteria | | Criterion passed (Yes or No) | Notes (such as justification) |
| A | There are 6-8 vascular plant species per m ² present, including at least 2 forbs (these may include those listed in Footnote 1). Note - this criterion is essential for achieving Moderate or Good condition. Where the vascular plant species present are characteristic of medium, high or very high distinctiveness grassland, or there are 9 or more of these characteristic species per m ² (excluding those listed in Footnote 1), please review the full UKHab description to assess whether the grassland should instead be classified as a higher distinctiveness grassland. Where a grassland is classed as medium, high, or very high distinctiveness, please use the relevant condition sheet. | Yes | Species poor, lacking in forbs, but has an average of 7 recorded. |
| B | Sward height is varied (at least 20% of the sward is less than 7 cm and at least 20% is more than 7 cm) creating microclimates which provide opportunities for vertebrates and invertebrates to live and breed. | No | Closely mown uniform sward with no variation. |
| C | Any scrub present accounts for less than 20% of the total grassland area. (Some scattered scrub such as bramble <i>Rubus fruticosus</i> agg. may be present). Note - patches of scrub with continuous (more than 90%) cover should be classified as the relevant scrub habitat type. | Yes | No scrub present. An area has been assessed seperately. |
| D | Physical damage is evident in less than 5% of total grassland area. Examples of physical damage include excessive poaching, damage from machinery use or storage, erosion caused by high levels of access, or any other damaging management activities. | No | Excessive physical damage from clearance activities and disturbance/walking in more than 5%. |
| E | Cover of bare ground is between 1% and 10%, including localised areas (for example, a concentration of rabbit warrens) ² . | Yes | c. 10% bare ground present due to physical damage. |
| F | Cover of bracken <i>Pteridium aquilinum</i> is less than 20%. | Yes | No bracken recorded. |
| G | There is an absence of invasive non-native plant species ³ (as listed on Schedule 9 of WCA ⁴). | Yes | No invasive species recorded. |
| Essential criterion achieved (Yes or No) | | | Yes |
| Number of criteria passed | | | 5 |
| Condition Assessment Result (out of 7 criteria) | Condition Assessment Score | Score Achieved x/✓ | |

| | | | |
|--|--------------|-----|--|
| Passes 6 or 7 criteria including passing essential criterion A | Good (3) | | |
| Passes 4 or 5 criteria including passing essential criterion A | Moderate (2) | Yes | |
| Passes 3 or fewer criteria; OR Passes 4 - 6 criteria (excluding criterion A) | Poor (1) | | |
| Suggested enhancement interventions to improve condition score | | | |
| Reduction in physical damage and increasing species richness. | | | |
| Footnotes | | | |
| <p>Footnote 1 – Creeping thistle <i>Cirsium arvense</i> , spear thistle <i>Cirsium vulgare</i> , curled dock <i>Rumex crispus</i> , broad-leaved dock <i>Rumex obtusifolius</i> , common nettle <i>Urtica dioica</i> , creeping buttercup <i>Ranunculus repens</i> , greater plantain <i>Plantago major</i> , white clover <i>Trifolium repens</i> and cow parsley <i>Anthriscus sylvestris</i> .</p> <p>Footnote 2 – For example, this could include small, scattered areas of bare ground allowing establishment of new species, or localised patches where not exceeding 10% cover.</p> <p>Footnote 3 – Assess this for each distinct habitat parcel. If the distribution of invasive non-native species varies across the habitat, split into parcels accordingly, applying a buffer zone around the invasive non-native species with a size relative to its risk of spread into adjacent habitat, using professional judgement.</p> <p>Footnote 4 – Wildlife and Countryside Act 1981 (as amended).</p> | | | |

| Condition Sheet: GRASSLAND Habitat Type (medium, high and very high distinctiveness) | | | | | | | | | | | | | |
|---|--|--|--|-------------------------------|--|--|--|--|--|--|--|--|--|
| UK Habitat Classification (UKHab) Habitat Types | | | | | | | | | | | | | |
| Grassland - Lowland calcareous grassland Grassland - Lowland dry acid grassland Grassland - Lowland meadows Grassland - Other lowland acid grassland Grassland - Other neutral grassland Grassland - Tall herb communities (H6430) [Not to be confused with the Tall forbs secondary code – see UKHab guidance for details.] Grassland - Upland acid grassland Grassland - Upland calcareous grassland Grassland - Upland hay meadows Sparsely vegetated land - Calaminarian grassland | | | | | | | | | | | | | |
| Habitat Description | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| ukhab – UK Habitat Classification | | | | | | | | | | | | | |
| On-site or off-site, site name and location | Land to the north of Manor Road, Brandon, Suffolk, onsite H1 and offsite OFS1 | | Survey date and Surveyor name | 05/12/2024 | | | | | | | | | |
| | | | Survey reference (if relating to a wider survey) | Proposed new Brandon Cemetery | | | | | | | | | |
| Limitations (if applicable) | | | Habitat parcel reference | | | | | | | | | | |
| | | | H1 | OFS1 | | | | | | | | | |
| Condition Assessment Criteria | | | Grid reference | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | Criterion passed (Yes or No) | | | | | | | | | | |
| | | | Yes | Yes | | | | | | | | Notes (such as justification) | |
| A | The parcel represents a good example of its habitat type, with a consistently high proportion of characteristic indicator species present relevant to the specific habitat type (and relative to Footnote 3 suboptimal species which may be listed in the UKHab description). ¹ Note - this criterion is essential for achieving Moderate or Good condition for non-acid grassland types only. | | Yes | Yes | | | | | | | | Other neutral grassland indicator species present throughout the on and offsite parcels | |
| B | Sward height is varied (at least 20% of the sward is less than 7 cm and at least 20% is more than 7 cm) creating microclimates which provide opportunities for insects, birds and small mammals to live and breed. | | Yes | Yes | | | | | | | | Variation across the whole field, on and offsite | |
| C | Cover of bare ground is between 1% and 5%, including localised areas, for example, rabbit warrens ² . | | No | No | | | | | | | | Bare ground is present due to footpaths and molehills, some areas of more sparse vegetation exist but the bare ground has been | |
| D | Cover of bracken <i>Pteridium aquilinum</i> is less than 20% and cover of scrub (including bramble <i>Rubus fruticosus</i> agg.) is less than 5%. | | Yes | Yes | | | | | | | | No scattered scrub is present, an area has been assessed separately. | |
| E | Combined cover of species indicative of suboptimal condition ³ and physical damage (such as excessive poaching, damage from machinery use or storage, damaging levels of access, or any other damaging management activities) accounts for less than 5% of total area. If any invasive non-native plant species ⁴ (as listed on Schedule 9 of WCA ⁵) are present, this criterion is automatically failed. | | No | No | | | | | | | | Species indicative of suboptimal condition are widespread. Damage from dog walking is evident though the bare ground has been assessed separately. | |
| Additional Criterion - must be assessed for all non-acid grassland types | | | | | | | | | | | | | |

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|---|--|----------------------------|-----|--------------------|--|--|--|--|--|--|--|--|--|--|--|--|-----------------------------|
| F | There are 10 or more vascular plant species per m ² present, including forbs that are characteristic of the habitat type (species referenced in Footnote 3 and 5 cannot contribute towards this count). | No | No | | | | | | | | | | | | | | 8-9 excluding those listed. |
| | Note - this criterion is essential for achieving Good condition for non-acid grassland types only. | | | | | | | | | | | | | | | | |
| Essential criterion for Good condition achieved (for non-acid grassland) (Yes or No) | | No | No | | | | | | | | | | | | | | |
| Number of criteria passed | | 4 | 4 | | | | | | | | | | | | | | |
| Condition Assessment Result | | Condition Assessment Score | | Score Achieved %/✓ | | | | | | | | | | | | | |
| Acid grassland types (Result out of 5 criteria) | | | | | | | | | | | | | | | | | |
| Passes 5 criteria | | Good (3) | | | | | | | | | | | | | | | |
| Passes 3 or 4 criteria | | Moderate (2) | | | | | | | | | | | | | | | |
| Passes 2 or fewer criteria | | Poor (1) | | | | | | | | | | | | | | | |
| Non-acid grassland types (Result out of 6 criteria) | | | | | | | | | | | | | | | | | |
| Passes 5 or 6 criteria, including essential criterion A and additional criterion F. | | Good (3) | | | | | | | | | | | | | | | |
| Passes 3 - 5 criteria, including essential criterion A. | | Yes | Yes | | | | | | | | | | | | | | |
| Passes 2 or fewer criteria; OR Passes 3 or 4 criteria excluding criterion A and F. | | | | | | | | | | | | | | | | | |
| Suggested enhancement interventions to improve condition score | | | | | | | | | | | | | | | | | |
| Increase species richness and reduced physical damage and cover of bare ground. | | | | | | | | | | | | | | | | | |
| Notes | | | | | | | | | | | | | | | | | |
| <p>Footnote 1 - Professional judgement should be used alongside the UKHab description.</p> <p>Footnote 2 - For example, this could include small, scattered areas of bare ground allowing for plant colonisation, or localised patches not exceeding 5% cover.</p> <p>Footnote 3 - Species indicative of suboptimal condition for this habitat type include: creeping thistle <i>Cirsium arvense</i>, spear thistle <i>Cirsium vulgare</i>, curled dock <i>Rumex crispus</i>, broad-leaved dock <i>Rumex obtusifolius</i>, common nettle <i>Urtica dioica</i>, creeping buttercup <i>Ranunculus repens</i>, greater plantain <i>Plantago major</i>, white clover <i>Trifolium repens</i> and cow parsley <i>Anthriscus sylvestris</i>. There may be additional relevant species local to the region and or site.</p> <p>Footnote 4 - Assess this for each distinct habitat parcel. If the distribution of invasive non-native species varies across the habitat, split into parcels accordingly, applying a buffer zone around the invasive non-native species with a size relative to its risk of spread into adjacent habitat, by applying professional judgement.</p> <p>Footnote 5 - Wildlife and Countryside Act 1981 (as amended).</p> | | | | | | | | | | | | | | | | | |

| Condition Sheet: URBAN Habitat Type | | | | | | | | | | | | | |
|--|--|--|------------------------------|--|-----|-------------------------------|--|--|--|--|-------------------------------|--|--|
| Habitat Types | | | | | | | | | | | | | |
| Sparsely vegetated land - Ruderal/Ephemeral Sparsely vegetated land - Tall forbs Urban - Allotments Urban - Biodiverse green roof Urban - Bioswale Urban - Cemeteries and churchyards Urban - Facade-bound green wall Urban - Ground based green wall Urban - Intensive green roof Urban - Open mosaic habitats on previously developed land Urban - Rain garden Urban - Sustainable drainage system (SuDS) Urban - Vacant or derelict land Urban - Bare ground | | | | | | | | | | | | | |
| Habitat Description | | | | | | | | | | | | | |
| Tall Forbs along the southern boundary of the site, comprising of predominantly nettle. Paths have been cut through the site to create walking routes, vegetation was absent at time of survey due to foot traffic and dog walking, numerous mole hills are also present on bare ground. | | | | | | | | | | | | | |
| See the Statutory Biodiversity Metric User Guide for green roofs, and UK Habitat Classification (UKHab) for other habitats: ukhab – UK Habitat Classification | | | | | | | | | | | | | |
| On-site or off-site, site name and location | Land to the north of Manor Road, Brandon, Suffolk, onsite H3 and H4 | | | Survey date and Surveyor name | | 05/12/2024 Hannah Evans | | | | | | | |
| | | | | Survey reference (if relating to a wider survey) | | Proposed new Brandon Cemetery | | | | | | | |
| Limitations (if applicable) | | | | Habitat parcel reference | | | | | | | | | |
| | | | | H3 - Tall forbs H4 - Bare ground <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | | | | | | | | | |
| Grid reference | | | | | | | | | | | | | |
| Condition Assessment Criteria | | | Criterion passed (Yes or No) | | | | | | | | Notes (such as justification) | | |
| Core Criteria - must be assessed for all urban habitat types: | | | | | | | | | | | | | |
| A | Vegetation structure is varied, providing opportunities for vertebrates and invertebrates to live, eat and breed. A single structural habitat component or vegetation type does not account for more than 80% of the total habitat area. | | | No | No | | | | | | | | No vegetation on the bare ground, predominantly nettle present in the ruderal. |
| B | The habitat parcel contains different plant species that are beneficial for wildlife, for example flowering species providing nectar sources for a range of invertebrates at different times of year. | | | Yes | No | | | | | | | | No vegetation on the bare ground, flowering species present in the ruderal. |
| C | Invasive non-native plant species (listed on Schedule 9 of WCA ¹) and others which are to the detriment of native wildlife (using professional judgement) ² cover less than 5% of the total vegetated area ³ . Note - to achieve Good condition, this criterion must be satisfied by a complete absence of invasive non-native species (rather than <5% cover). | | | Yes | Yes | | | | | | | | No recorded. |
| Additional Criterion - must be assessed for Open mosaic habitat on previously developed land only: | | | | | | | | | | | | | |
| D | The parcel shows spatial variation and forms a mosaic of bare substrate PLUS: - At least four early successional communities (a) to (l); Communities: (a) annuals; (b) mosses/liverworts; (c) lichens; (d) ruderals; (e) inundation species; (f) open grassland; (g) flower-rich grassland; (h) heathland, (l) pools. | | | | | | | | | | | | |
| Additional Criteria - must be assessed for Bioswale and SuDS habitat types only: | | | | | | | | | | | | | |
| E1 | Plant species are mostly native. If non-native species are present, they should not be detrimental to the habitat or native wildlife ⁴ . | | | | | | | | | | | | |
| E2 | The vegetation is comprised of plant species suited to wetland or riparian situations. | | | | | | | | | | | | |
| Additional Criterion - must be assessed for Intensive green roofs only: | | | | | | | | | | | | | |

[illegible]