Heathrow

EASTERLY ALTERNATION INFRASTRUCTURE PROJECT

Environmental Impact Assessment
Environmental Statement, Volume III
Appendix 12.4: Biodiversity Net Gain Assessment

Document Reference: 19309-XX-EC-XXX-000055

October 2024

Heathrow

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1. Introduction

1.1 Project background

1.1.1 WSP UK Limited (WSP) was commissioned by Heathrow Airport Limited (subsequently referred to as "the Applicant") to undertake a Biodiversity Net Gain (BNG) assessment of infrastructure development that will facilitate full runway alternation when Heathrow Airport ("the Airport") is operating in an easterly direction ("the Proposed Development").

1.1.2 The site of the Proposed Development, approximately 20.88 hectares (ha) based on its design at the time of this assessment, is defined by the Proposed Development's boundary shown in **Figure 12.4.1 – Figure 12.4.4, Annex A** and is hereafter referred to as "the Site".

1.1.3 The Proposed Development is located within Longford, Hillingdon, West London (NGR TQ0517176363).

1.1.4 In 1952 a Ministerial undertaking was given to use best endeavours to avoid using the northern runway for departures in an easterly direction over the village of Cranford. This became known as the Cranford Agreement. The Cranford Agreement was ended by the Government in January 2009, and the Proposed Development will provide the infrastructure required to enable full alternation of the runways during easterly operations and, therefore, distribute noise more equitably around the Airport, providing affected communities that surround the Airport predictable periods of respite from arriving and departing aircraft.

1.1.5 The Applicant is seeking planning permission for the construction of the following components:

- Taxiways and links to comprise a Runway Hold Area at the western end of Runway 09L. This includes:
  - Two new Runway Access Taxiways (RATs) onto Runway 09L:
    - Link 57 realigned and re-provided as a Code F Taxiway with a tie into the existing Taxiway Alpha North, east of Link 58;
    - Link 56 realigned and provided as a Code E Taxiway with a tie into the existing Taxiway Bravo North, east of Link 58;
    - A new Code C Taxi lane to serve the stands north of T5a extending to the existing Taxiway Bravo;
    - A new north-south link connecting the realigned Link 56, Link 57 and Code C Taxi lane; and
    - Construction of underground services to serve the new infrastructure.
- Removal of redundant areas of airfield pavement and reinstatement to grass areas to accommodate the construction of the new taxiway infrastructure listed above.
- Re-grading of airfield grass areas to accommodate the construction of the new taxiway infrastructure listed above.

- To construct a noise wall to the south of the village of Longford.
- To break out existing areas of redundant pavement (on the existing airfield).

1.1.6 The purpose of this document is to provide both a quantitative, and qualitive (**Annex B**) assessment to inform the design of the Proposed Development, which has been compiled with reference to relevant national and local legislation and policy relating to nature conservation and BNG, provided in **Annex C**. The Proposed Development would need to meet a net gain target of 10% in line with the Environmental Act 2021, under which this level of gain is a mandatory requirement as of February 2024.

1.1.7 This assessment has been completed by an ecologist capable in BNG, in line with the CIEEM levels of competency[1].

1.2 Biodiversity Net Gain

1.2.1 BNG is an approach to development "*that leaves the natural environment in a measurably better state than beforehand*"[2]. The process follows the mitigation hierarchy, which sets out that everything possible must be done to firstly avoid, secondly minimise, and thirdly restore / rehabilitate losses of biodiversity on-site.

1.2.2 Only as a last resort, residual losses are compensated for using offsite habitat enhancement or creation. To undertake the assessment the Statutory Biodiversity Metric Tool[3] (herein referred to as "the Metric") is used to quantify the biodiversity losses and gains resulting from development and a qualitative assessment is undertaken to review adherence to the Biodiversity Net Gain Good Practice Principles[4] (hereafter referred as "the Principles"). A description of the Principles is provided in **Annex B**.

1.3 Scope of Report

1.3.1 This report uses the Metric and the Principles to produce an assessment report that:

- Establishes the total number of baseline Area Habitat Units, Hedgerow Units and Watercourse Units within the Site;
- Establishes the total number of Area Habitat Units, Hedgerow Units and Watercourse Units which will be retained, lost, enhanced, and created under the current design of the Proposed Development's landscape mitigation plan;

[1] CIEEM, (2021). *Competency Framework*. [Online] Available at: https://cieem.net/wp-content/uploads/2023/09/Competency-Framework-2022-Web.pdf [Accessed 18 October 2024].
[2] Defra. (2019). *Biodiversity Net Gain Definitions and Current Practice*. Available at: https://consult.defra.gov.uk/land-use/net-gain/user_uploads/02.-definitions-and-current-practice.pdf [Accessed 18 October 2024].
[3] Natural England (2023). *Statutory biodiversity metric tools and guides.* [Online] Available at: *https*://www.gov.uk/government/publications/statutory-biodiversity-metric-tools-and-guides [Accessed 18 October 2024].
[4] CIEEM, CIRIA & IEMA (2019). *Biodiversity Net Gain: Good practice principles for development*. [Online] Available at: https://cieem.net/wp-content/uploads/2019/02/C776a-Biodiversity-net-gain.-Good-practice-principles-for-development.-A-practical-guide-web.pdf [Accessed 18 October 2024].

- Determines whether the Proposed Development is predicted to result in a quantitative net loss, no net loss, or a net gain for biodiversity;
- Provides a qualitative assessment evidencing compliance of the Proposed Development with the Principles; and
- Provides recommendations where necessary for amendments to the current design of the Proposed Development's landscape mitigation plan to achieve a net gain.

1.3.2 It is important to recognise that BNG is one of several factors to be considered when assessing the impact of the Proposed Development on biodiversity. Please note that this BNG assessment report does not cover potential impacts of the Proposed Development on protected species, designated sites, and indirect effects on habitats.

1.3.3 This assessment has been compiled with reference to relevant national and local legislation and policy relating to nature conservation and BNG, provided in **Annex C**.

1.3.4 This report considers whether the Proposed Development can achieve a net gain target of 10% in line with the Environmental Act 2021, under which this level of gain is a mandatory requirement.

2. Methodology

2.1.1 This BNG assessment is informed by the following industry recognised good practice guidance:

- CIEEM, IEMA & CIRIA (2019) Biodiversity Net Gain: Good Practice Principles for Development[4];
- DEFRA, Biodiversity Net Gain Advice Collection[5];
- DEFRA (2024) Statutory Biodiversity Metric (herein referred to as the Metric), following the methodology set out within the Statutory Biodiversity Metric User Guide[6];
- British Standard 8683 Process for designing and implementing Biodiversity Net Gain – Specification (2021)[7]; and
- CIEEM (2021) Biodiversity Net Gain Reporting and Audit Templates[8].

2.2 Data sources

2.2.1 The following data sources have been used to complete the BNG assessment:

- Publicly available datasets, including MAGIC[9] for Habitats of Principal Importance (HPI), ancient woodland (classed as irreplaceable habitat), and statutory designated sites for nature conservation along with specific strategies highlighted in Local Biodiversity Actions Plans and relevant details from local plans and strategies. Details of non-statutory sites were obtained from desk studies completed in previous ecological reports produced regarding the Site by WSP (2023) (**Appendix 12.3: Preliminary Ecological Appraisal, Volume III** of the Environmental Statement). The results of the desk study have been used to inform the strategic significance value in line with the methodology detailed within Statutory Biodiversity Metric [3] and **Section 2.4**.
- All areas / lengths of habitats have been measured using ArcMap 10.8.2 with reference to Ordnance Survey Master Map basemap.
- Based on the ecological information available, no irreplaceable habitats, very high distinctiveness habitats, or statutory designated sites are present within the Site.

[5] Defra, Biodiversity Net Gain Advice Collection. Last updated March 2024. [Online]. Available at: https://www.gov.uk/government/collections/biodiversity-net-gain [Accessed 18 October 2024].
[6] Defra (2024). *The Statutory Biodiversity Metric. User guide*. [Online] Available at: https://assets.publishing.service.gov.uk/media/669e45fba3c2a28abb50d426/The_Statutory_Biodiversity_Metric_-_User_Guide__23.07.24_.pdf [Accessed 18 October 2024].
[7] British Standards Institute, 2021. *BS 8683:2021 Process for designing and implementing Biodiversity Net Gain. Specification.* UK: BSI.
[8] CIEEM, (2021). *Biodiversity Net Gain Report & Audit Templates*. [Online] Available at: https://cieem.net/wp-content/uploads/2021/07/CIEEM-BNG-Report-and-Audit-templates2.pdf [Accessed 18 October 2024].
[9] Magic map (2024). *Magic Map Application.* [Online] Available at: https://magic.defra.gov.uk/MagicMap.aspx [Accessed 18 October 2024].

- Site plans showing relevant site boundaries to determine the footprint for assessment are illustrated in **Figure 12.4.1 – Figure 12.4.4, Annex A**.
- For the purposes of post development calculations, any proposed habitat creation or enhancement outside of the relevant site boundary is considered as offsite within the Metric.
- Areas of impact (including temporary clearance, permanent habitat loss, post-works watercourse/riparian encroachment etc) have been identified using a combination of baseline UKHab information from the 2023 PEA (**Appendix 12.3 Preliminary Ecological Appraisal**), additional habitat information collected in 2023 and 2024 (to account for changes to the length of the noise barrier) the Tree Removal and Protection Plan (**Drawing number 62282558-TRPP-050**) (**Appendix 12.6 Arboricultural Impact Assessment**), and general arrangements (**Drawing number 19309-00-GA-193-000002 and 19309-00-GA-193-000007**), which are presented in **Annex D**.
- Habitats which are to be reinstated to their original type and condition within 2 years, are considered to be retained within the Metric.

2.3 Strategic significance

2.3.1 BNG should aim to contribute to local strategic priorities for nature. The Metric includes an incentive for this through the Strategic Significance score. Strategic Significance for baseline and post-works habitats was categorised following the approach set out in the Metric[3].

2.3.2 As a Local Nature Recovery Strategy has not yet been published for Greater London, alternative documents were used for assigning Strategic Significance. These included the adopted Spatial Development Strategy for Greater London[10], Connecting with London's Nature Biodiversity Strategy[11], and the London Borough of Hillingdon Local Plan[12].

[10] Greater London Authority, (2021). *The London Plan: The Spatial Development Strategy for Greater London*. [Online] Available at: https://www.london.gov.uk/sites/default/files/the_london_plan_2021.pdf [Accessed 18 October 2024].
[11] Greater London Authority, (2002). *Connecting with London's Nature: The Mayor's Biodiversity Strategy.* [Online] https://www.london.gov.uk/programmes-and-strategies/environment-and-climate-change/environment-publications/connecting-london%E2%80%99s-nature-mayor%E2%80%99s-biodiversity [Accessed 18 October 2024].
[12] London Borough of Hillingdon, (2020). *Local Plan Part 2. Development Management Policies.* [Online] Available at: https://www.hillingdon.gov.uk/local-plan-and-review [Accessed 18 October 2024].

Table 2.1 Method for assigning strategic significance

Strategic significance	Method
High - Within an area formally identified in local strategy	Habitats are assigned this category where the following criteria are met: • It is located within an area identified as a statutory designated site[13] or non-statutory designated site[14] or within a relevant local strategy *and* • The habitat type is of specific importance to that location (e.g. it is referred to in the site's designation/strategy). *or* • Where specific details on relevant habitats to the identified site are unknown, all habitats which sit within the formally identified area are assigned to this level.
Medium - Location ecologically desirable but not in location strategy	Professional judgement will be applied to determine if the location is deemed ecological desirable for a particular habitat type. This decision will take account of the proximity of formally identified areas and ecological connectivity (i.e. if the habitat forms a strategic corridor) to the Site.
Low- Area not in a local strategy	Any habitats which do not fall into either of the above categories will be assigned this level of strategic significance.

2.4 Approach to Habitat Enhancement / Creation Scenarios

2.4.1 BNG modelling was designed using the Metric to meet the quantitative target (e.g. minimum 10% net gain) for Area Habitat Units Hedgerow Units and Watercourse Units as well as the Metric trading rules.

2.4.2 For baseline information pertaining to modified grassland, poor condition was assumed based on the land-use and intensive management techniques on-Site. All other habitats were assumed to have a Moderate baseline condition.

2.4.3 Due to the land-use associated with the Airport, as well as the relatively small working areas associated with the Proposed Development, habitat enhancement and creation are assumed to be possible in areas off-Site, but within the wider Heathrow Estate. Change in habitat condition for off-Site habitat enhancement or creation scenarios assumes that available habitats can be managed from Poor to Moderate condition for Area and Hedgerow Habitat or that habitats could be created with a higher distinctiveness (i.e. creating woodland or grassland habitats on existing arable sites), and from Moderate to Good for Watercourse

[13] To include Special Protection Areas (SPAs), Special Areas of Conservation (SACs), Ramsar, Sites of Special Scientific Interest (SSSI), National Nature Reserves (NNRS)
[14] To include Local Nature Reserves (LNRs), Sites of Nature Conservation Interest (SNCI)

habitats. The Strategic Significance of the proposed created or enhanced habitat was the same as their baseline.

2.4.4 The Metric allows for habitat creation to occur prior to or after commencement of development, but for the purpose of this assessment it has been assumed that habitat creation would occur at the same time as habitat loss. This would need to be updated following confirmation of the availability, location and programme for any eventual habitat enhancement or creation.

2.4.5 As habitat enhancement opportunities are still to be determined BNG modelling was tested using an approach, that establishes the approximate minimum requirements needed for the Proposed Development to achieve 10% net gain.

2.5 Qualitative Assessment

2.5.1 A qualitative assessment of the compliance of the Proposed Development with the Principles[15] was undertaken; this also provides a review to determine if wider biodiversity net gain obligations (i.e. in addition to the measurable net gain) have been met. Adherence of the Proposed Development to these Principles is based on the current stage in the BNG process; it does not necessarily rule out future adherence.

2.6 Limitations and assumptions

Baseline biodiversity

2.6.1 For habitats impacted by the acoustic noise barrier, the baseline calculations were based on UKHab survey information from the 2023 PEA (**Appendix 12.3 Preliminary Ecological Appraisal**), with the survey completed in March 2023 with additional surveys completed in October 2023 and April 2024 to assess extended areas of the proposed noise barrier. For habitat areas airside, habitats have been calculated from aerial imagery and information on post-development general arrangement plans (**Drawing number 19309-00-GA-193-000002**).

Post-development biodiversity

2.6.2 Post-development baseline calculations have been identified using a combination of baseline UKHab information from the 2023 PEA (**Appendix 12.3 Preliminary Ecological Appraisal**) (and additional 2023/2024 surveys), the Tree Removal and Protection Plan (**Drawing number 62282558-TRPP-050**) and post-development landscape plans **(Drawing number 19309-00-GA-193-000002)**.

2.6.3 Only direct impacts within the Site boundary are considered for BNG. Any impacts on protected species, and any potential indirect habitat impacts (e.g. noise disturbance, dust, shading) are not considered within this report.

[15] CIEEM, CIRIA & IEMA, (2016). *Biodiversity Net Gain: Good practice principles for development*. Available: https://cieem.net/resource/biodiversity-net-gain-good-practice-principles-for-development-a-practical-guide/ [Accessed 18 October 2024].

3. Results

3.1.1 This section provides a summary of the quantitative assessment, with full results available in the Metric calculation tool appended to this report (**Annex E**), along with a summary of the qualitative assessment against the BNG Good Practice Principles, the full results of which are provided in **Annex B**.

3.2 Quantitative assessment

Strategic significance

3.2.1 The desk study identified that no statutory or non-statutory designated sites were present within the Proposed Development or the Site. Habitats listed in the documents and plans identified in **Section 2.2** were assigned a strategic significance of "Location ecologically desirable but not in local strategy". This includes the following habitat:

- Other woodland; broadleaved.

3.2.2 All other habitat present within the relevant site boundaries was assigned as 'Area/compensation not in local strategy/no local strategy'. Habitat location in relation to the Proposed Development is shown in **Figure 12.4.5- Figure 12.4.7, Annex A.**

Baseline biodiversity

On-site baseline

3.2.3 The Site is split between a single working area north of Wright Way (0.79ha), as well as a large central working area that encompasses the Airport runway (17.68ha), and a further six, smaller working areas further south (2.52ha). Each working area is illustrated on **Figure 12.4.1- Figure 12.4.4 inclusive, Annex A**.

3.2.4 The tabs within the accompanying Metric (see **Annex E**) provide details on the habitat baseline and should be referred to for full details on the habitats present on-site. In this instance, please refer to tabs: A-1 Site Habitat Baseline, B-1 Site Hedge Baseline and C-1 Site WaterC' Baseline.

3.2.5 There were 20.99ha of habitats on-site, generating an estimated 21.83 Area Habitat Units in total. There were also 0.12km of native hedgerow with trees on-site, generating an estimated 1.06 Hedgerow Units, and 0.33km of watercourse on-site, generating an estimated 4.55 River Units.

3.2.6 The following habitats have been assumed as retained within the Proposed Development Areas:

- Sections of hardstanding runway associated with the Airport runway and taxiway site (comprising 7.64ha of developed land; sealed surface);
- Sections of grassland associated with runway and taxiway margins (comprising of 6.08 of modified grassland);

- The hardstanding road and car park associated with Wright Way and the Heathrow Pod car park (comprising 0.45ha of developed land; sealed surface);
- The broadleaved woodland located adjacent to the proposed noise barrier (comprising 0.19ha of other woodland; broadleaved); and
- The extent of the Duke of Northumberland's River that falls within the development area of the proposed noise barrier (comprising 0.33km of other rivers and streams).

Post-development biodiversity

On-site measures

3.2.7 The post-development habitats expected on-site after the Proposed Development have been identified using a combination of baseline UKHab information from the 2023 PEA (**Appendix 12.3 Preliminary Ecological Appraisal**), the Tree Removal and Protection Plan (**Drawing number 62282558-TRPP-050**) and general arrangements (**Drawing number 19309-00-GA-193-000002**) provided in **Annex D**.

3.2.8 The following habitats have been assumed as lost within the Proposed Development Areas:

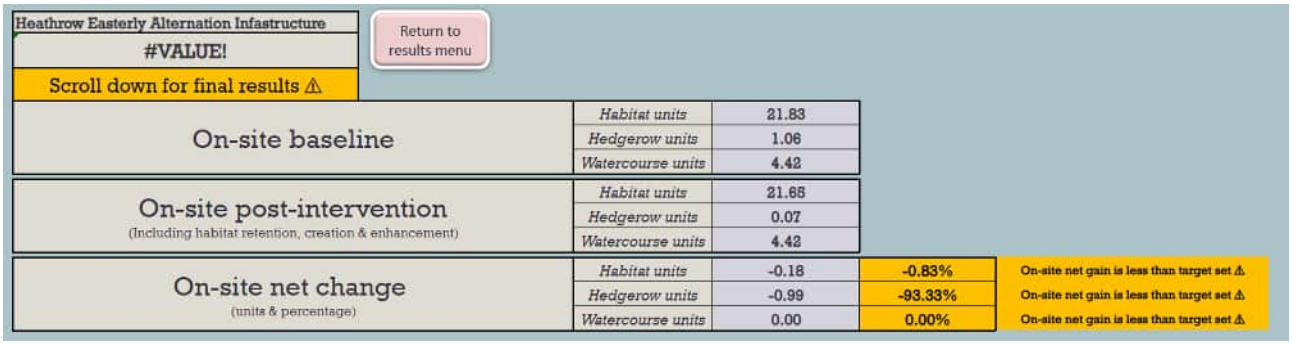
- Sections of grassland associated with runway and taxiway margins to be replaced with hardstanding and pavement (comprising of 3.96ha of modified grassland);
- The grassland, located north of the proposed noise barrier access (comprising 0.02ha of modified grassland);
- The gravelled access north of Wright Way that falls within the development area of the proposed noise barrier (comprising 0.01ha of artificial unvegetated; unsealed surface);
- The ruderal/ephemeral vegetation north of the proposed noise barrier access (comprising 0.01ha of ruderal/ephemeral); and
- The native hedgerow with trees that falls within the development area of the proposed noise barrier (comprising 0.112km of native hedgerow with trees).

3.2.9 The Proposed Development will include creation of 3.88ha grassland habitats on airfield, which will replace redundant areas of hardstanding and also additional re-instatement of 0.47ha of modified grassland which will be replaced with hardstanding to create a working compound. Given that this area would be in operation for two years or more, this is considered to be permanent loss of habitat which is then re-created rather than temporary loss.

3.3 Summary of overall biodiversity change

3.3.1 **Graphic 3.1** shows the headline results from the Metric and summarises the changes in Area Habitat, Hedgerow and Watercourse Units generated for the broad habitat categories present on-site during the baseline and post-development mapping, and the percentage change in units for all area based and linear habitats, along with details on the overall quantitative outcome.

Graphic 3.1 Screenshot of headline results from the Metric calculation tool



3.3.2 The Proposed Development will result in:

- A net loss of 0.18 in Area Habitat Units;
- A net loss of 0.99 in Hedgerow Units; and
- No loss/gain recorded in Watercourse Units.

3.3.3 Trading rules within the Metric would not be met, due to losses of both area and linear habitat, due to modified grassland and hedgerow habitat, not being adequately compensated for.

3.3.4 In conclusion, the Proposed Development as assessed does not achieve a quantitative scheme-wide biodiversity net gain without additional enhancement or habitat creation. Net gain must be achieved in each of areas, hedges and rivers (where present in the baseline) to claim net gain by design.

3.4 Recommendations for achieving BNG

3.4.1 As the Proposed Development (as currently designed) is not predicted to achieve the required target of a minimum 10% BNG, modelling was undertaken to identify opportunities for on-site and off-site habitat retention, creation, and enhancement that would enable the project to achieve the required level of BNG in line with the Metric trading rules.

3.4.2 This represents a high-level estimation of possible BNG measures based on the approach described in **Section 3**

3.4.3 The wider Heathrow Estate features a number of opportunities for habitat enhancement and potentially habitat creation such as diversification of grassland and scrub, re-instatement of hedgerows, watercourse management, and habitat creation of woodland, grassland or orchards. It is estimated that this would require creation or enhancement of between 0.5-1.5 ha of Area Habitats, 150-200m of Hedgerow Habitats and 100-150m of Watercourse Habitats. A strategic approach to BNG delivery will consider the availability of habitats within the wider Heathrow Estate but is assumed that enhancing and creating off-site habitat is a viable means of offsetting any potential loss of biodiversity units as a result of the Proposed Development.

3.4.4 An initial review has shown that there would be capacity to deliver any offsite requirements within the Heathrow estate. However, Heathrow also work with a range of local nature conservation bodies and groups who may have more appropriate opportunities that would provide a more beneficial outcome for biodiversity in the wider area.

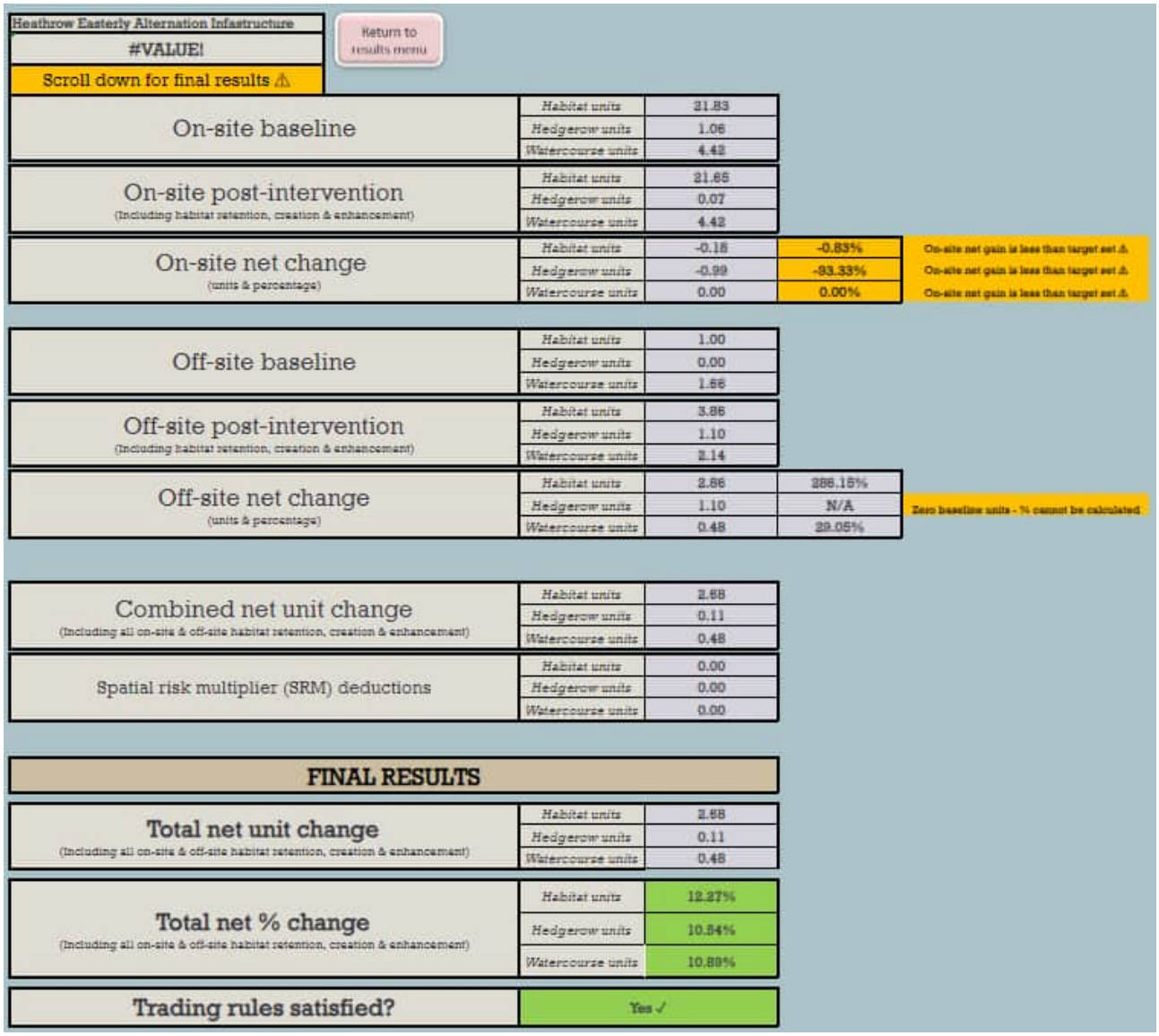
3.4.5 The following off-site habitats are present within the wider Heathrow Estate or are likely to be available in the wider area, and could therefore be subject to enhancement, to deliver 10% biodiversity net gain as part of the Proposed Development:

- 0.5 - 1.5ha of Area habitats of Low distinctiveness (such as Modified Grassland, Cereal Crops, or Bramble Scrub) which could be enhanced through a condition change of Poor to Moderate or to include an increase of distinctiveness;
- 0.17 - 0.20km of native hedgerow to be enhanced through planting of additional trees and management which would increase both distinctiveness and condition; and
- 0.08 - 0.10km of watercourse (comprising other rivers and streams), with enhancement achieved through a condition change from Poor – Moderate.

3.4.6 The modelled calculation has assumed a standard time to target condition, with ‘0’ years assumed for habitat created in advance and any delay in habitat creation.

3.4.7 Under this option, the Proposed Development would result in a net gain of at least 10% for Area Habitat units Hedgerow units, and Watercourse units.

Graphic 3.2 Screenshot of modelled results from the Metric calculation tool



Heathrow Easterly Alternation Infastructure				
#VALUE!	Return to results menu			
Scroll down for final results ⚠				
On-site baseline	Habitat units	21.83		
	Hedgerow units	1.06		
	Watercourse units	4.42		
On-site post-intervention (Including habitat retention, creation & enhancement)	Habitat units	21.66		
	Hedgerow units	0.07		
	Watercourse units	4.42		
On-site net change (units & percentage)	Habitat units	-0.18	-0.83%	On-site net gain is less than target set ⚠
	Hedgerow units	-0.99	-93.33%	On-site net gain is less than target set ⚠
	Watercourse units	0.00	0.00%	On-site net gain is less than target set ⚠
Off-site baseline	Habitat units	1.00		
	Hedgerow units	0.00		
	Watercourse units	1.66		
Off-site post-intervention (Including habitat retention, creation & enhancement)	Habitat units	3.86		
	Hedgerow units	1.10		
	Watercourse units	2.14		
Off-site net change (units & percentage)	Habitat units	2.86	286.15%	
	Hedgerow units	1.10	N/A	Zero baseline units - % cannot be calculated
	Watercourse units	0.48	29.05%	
Combined net unit change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	2.68		
	Hedgerow units	0.11		
	Watercourse units	0.48		
Spatial risk multiplier (SRM) deductions	Habitat units	0.00		
	Hedgerow units	0.00		
	Watercourse units	0.00		
FINAL RESULTS				
Total net unit change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	2.68		
	Hedgerow units	0.11		
	Watercourse units	0.48		
Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)	Habitat units	12.27%		
	Hedgerow units	10.54%		
	Watercourse units	10.89%		
Trading rules satisfied?	Yes ✓			

Qualitative BNG assessment

3.4.8 **Table 3.1** provides a summary of the qualitative assessment against the Principles. The detailed assessment is provided in **Annex B**, which also provides a review to determine if wider biodiversity net gain obligations (i.e. in addition to the measurable net gain) have been met. Adherence of the Proposed Development to these principles is based on the current stage in the BNG process; it does not necessarily rule out future adherence.

Table 3.1 Summary results for the Proposed Development against the Principles

Principle	Outcome based on the current Proposed Development
1. Apply the mitigation hierarchy	Yet to be achieved but achievable
2. Avoid losing biodiversity that cannot be offset by gains elsewhere	Achieved.
3. Be inclusive and equitable	Achieved.
4. Address risks	To be achieved through offsite habitat enhancement.
5. Make a measurable Net Gain contribution	To be achieved through offsite habitat enhancement.
6. Achieve the best outcomes for biodiversity	Yes – habitat enhancement away from the airfield provides greater scope for habitats to succeed and be retained in the long term.
7. Be additional	To be achieved through offsite habitat enhancement.
8. Create a Net Gain legacy	Yes – supports Heathrow's wider commitment to deliver a Nature Positive plan.
9. Optimise sustainability	Supports long term delivery of biodiversity targets.
10. Be transparent	Achieved.

3.4.9 In conclusion, the Proposed Development, taking into account the likely mitigation/compensation options would meet all of the principles.

4. Next Steps

4.1.1 The following recommendations have been identified which, if implemented are predicted to achieve both qualitative and quantitative BNG:

- To maximise the Proposed Development's potential to achieve an overall net gain for biodiversity, offsite opportunities within the wider Heathrow Estate or local area would be identified. Detailed information relating to the delivery of a 10% BNG, including an updated BNG statement and a Habitat Management and Monitoring Plan (HMMP) would be provided under the deemed condition imposed by paragraph 13 of Schedule 7A of the TCPA 1990 if permission is granted, and any offsite biodiversity gains would be delivered and maintained pursuant to a conservation covenant or planning obligation in accordance with the statutory BNG regime. The HMMP would set out the details of a management programme, tasks, and responsibilities to ensure that target habitat types and conditions are achieved within the timescales set out in the Metric. It will also set out an appropriate monitoring regime for checking progress towards achieving target condition and identifying any remedial actions required, following the principles of adaptive management.
- In order to meet the 10% net change for Area Habitat units, it has been assumed that at least 0.5 - 1.5ha of low distinctiveness habitat could be enhanced within the wider Heathrow Estate, as part of the Proposed Development. The enhancement of this type of habitat has been assumed based on general landscape practices following ecological guidance. The amount of habitat to be enhanced could vary depending on the type of habitat (e.g. modified grassland would be of lower distinctiveness and therefore the required area could increase, being the opposite if a more distinctive grassland was chosen).
- In order to meet the 10% net change for Hedgerow units, it has been assumed that between 0.17 and 0.20km of native hedgerow in poor condition would need to be enhanced within the wider Heathrow Estate, as part of the Proposed Development. The amount of hedgerow to be enhanced could vary depending on the type of hedgerow itself (e.g. native hedgerow would be of lower distinctiveness and therefore the required area would increase, being the opposite if species-rich hedgerow with trees was chosen).
- In order to meet the 10% net change for Watercourse units, it has been assumed that at least 0.08 and 0.10km of other rivers and streams in would need to be enhanced within the wider Heathrow Estate, as part of the Proposed Development. The following recommendations have been identified to help the Proposed Development achieve the Principles:
- The Proposed Development should aim to retain habitats of moderate distinctiveness or of moderate or high strategic significance, as well as their enhancement;
- Enhancement of existing habitat or the creation of new habitat would involve implementing a series of design and management measures. These measures

should prioritise the small sub-sections of assumed off-site habitat, as identified within this assessment, to mitigate against any risks, whilst generating significant contribution to net gain in units;

- Estimates as to the cost of habitat management or enhancement would vary dependent on the nature of the habitats created, the intensity of the management required and other variables including cost of materials and labour. Creating habitats “in advance” of Site clearance would gain additional units by reducing the temporary risk multiplier; and
- The BNG assessment outlines the necessary habitat enhancement/creation required to achieve the measurable net gain contribution.

5. Conclusion

5.1.1 In conclusion the BNG assessment recorded a Site biodiversity baseline of 21.83 Area Habitat Units, 1.06 Hedgerow Units, and 4.42 Watercourse Units. Without off-site post intervention via enhancement or creation, the Proposed Development would result in a net loss of 0.18 Area Habitat Units, a net loss of 0.99 in Hedgerow Units, and no loss/gain recorded in Watercourse Units.

5.1.2 However, considering potential for off-site habitat enhancement, it is predicted that the Proposed Development could achieve the required 10% net gain within the wider Heathrow estate as detailed in **Section 3.3**.

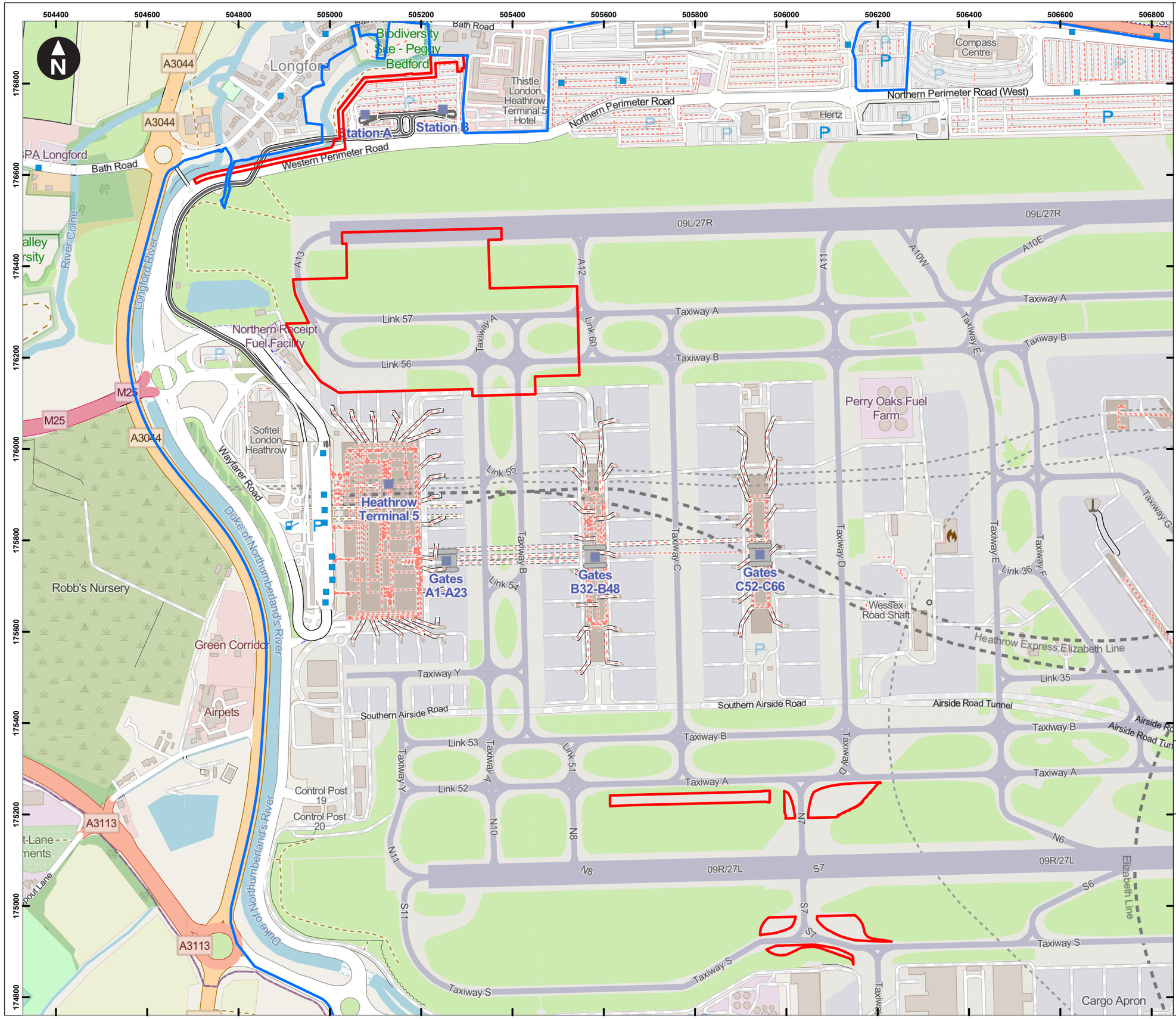
5.1.3 The qualitative assessment concluded that the Proposed Development is predicted to be able to meet all of the ten Principles, although additional work will be required to demonstrate that all have been met.

5.1.4 The gains made are dependent upon the target type and condition for each retained, enhanced, and created habitat set out in the Metric being met within the timescales set out in the Metric. Given the provisional nature of the design, a precautionary approach when considering habitat creation and target condition has been applied.

5.1.5 This BNG report does not cover requirements of the Proposed Development to mitigate potential impacts on protected species or designated sites.

Annex A Figures

X:\UK\DCEMA100-ATT5\ATT5-FS7-Shared2\Projects\853399 EC EA TRA Heathrow Airport _Easterly Alteration Project\Deliver Stage\D Design_Technical\Drawings\GIS\ArcPro\853399-WSPE-XX-XX-FG-OE-00020_S0_P01.4.aprx Originator: UKJXP782



Key

- Proposed Development site
- Heathrow Ownership boundary
- Unregistered land under Heathrow Airport Ltd control Application to register possessory title pending determination

0 50 100 150 200 250 m

Scale at A3: 1:8,000

Client

Heathrow

Heathrow Easterly Alternation Infrastructure Project
Appendix 12.4 Biodiversity Net Gain

Figure 12.4.1
Easterly alternation infrastructure site boundary plan

Logika GROUP

wsp

October 2024

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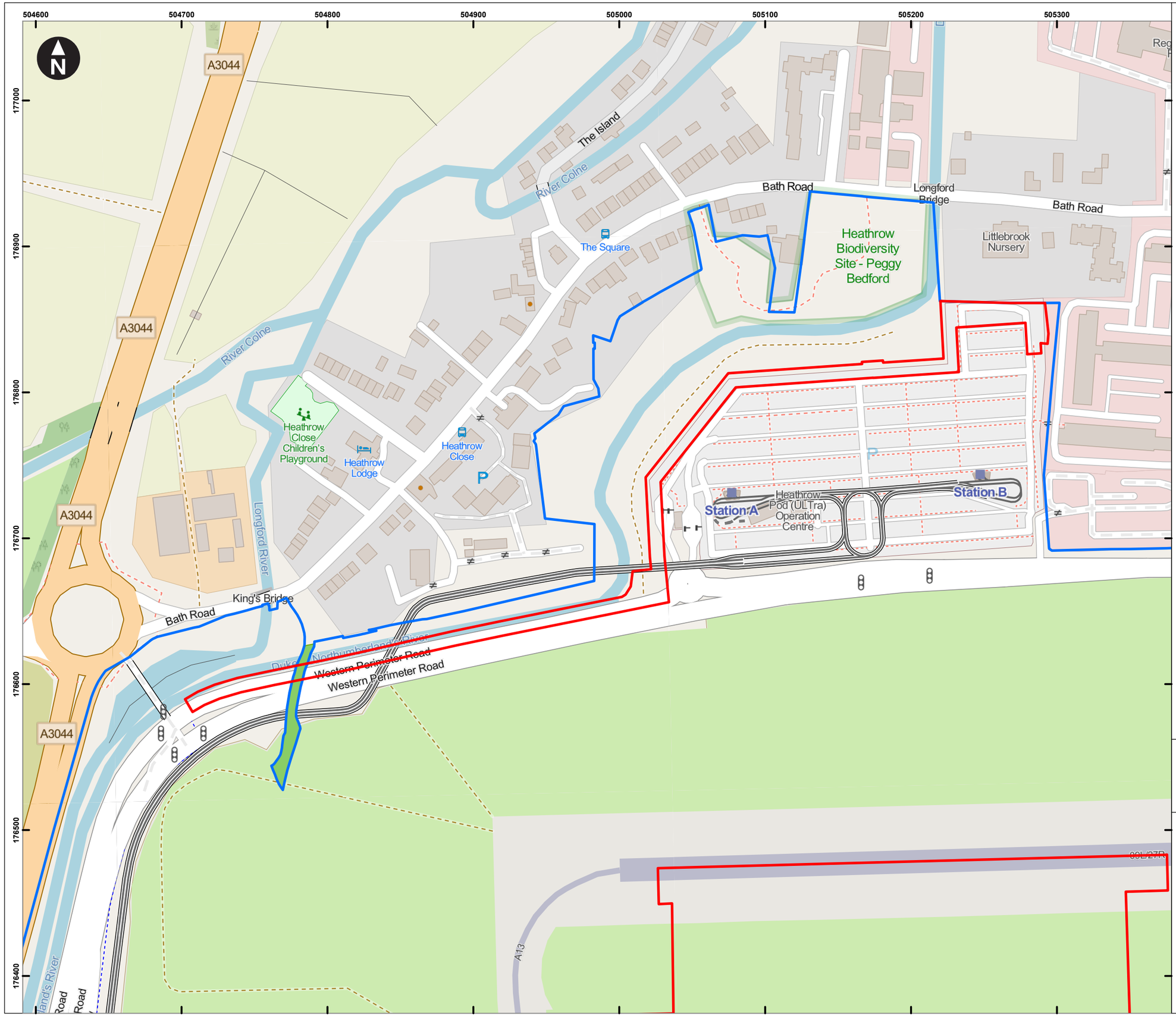

Client

Heathrow

Heathrow Easterly Alternation Infrastructure Project
Appendix 12.4 Biodiversity Net Gain

Figure 12.4.2
Proposed noise barrier site boundary plan

Logika GROUP

wsp

October 2024

853399-WSPE-XX-XX-FG-OE-00024_S0_P01.4.aprx

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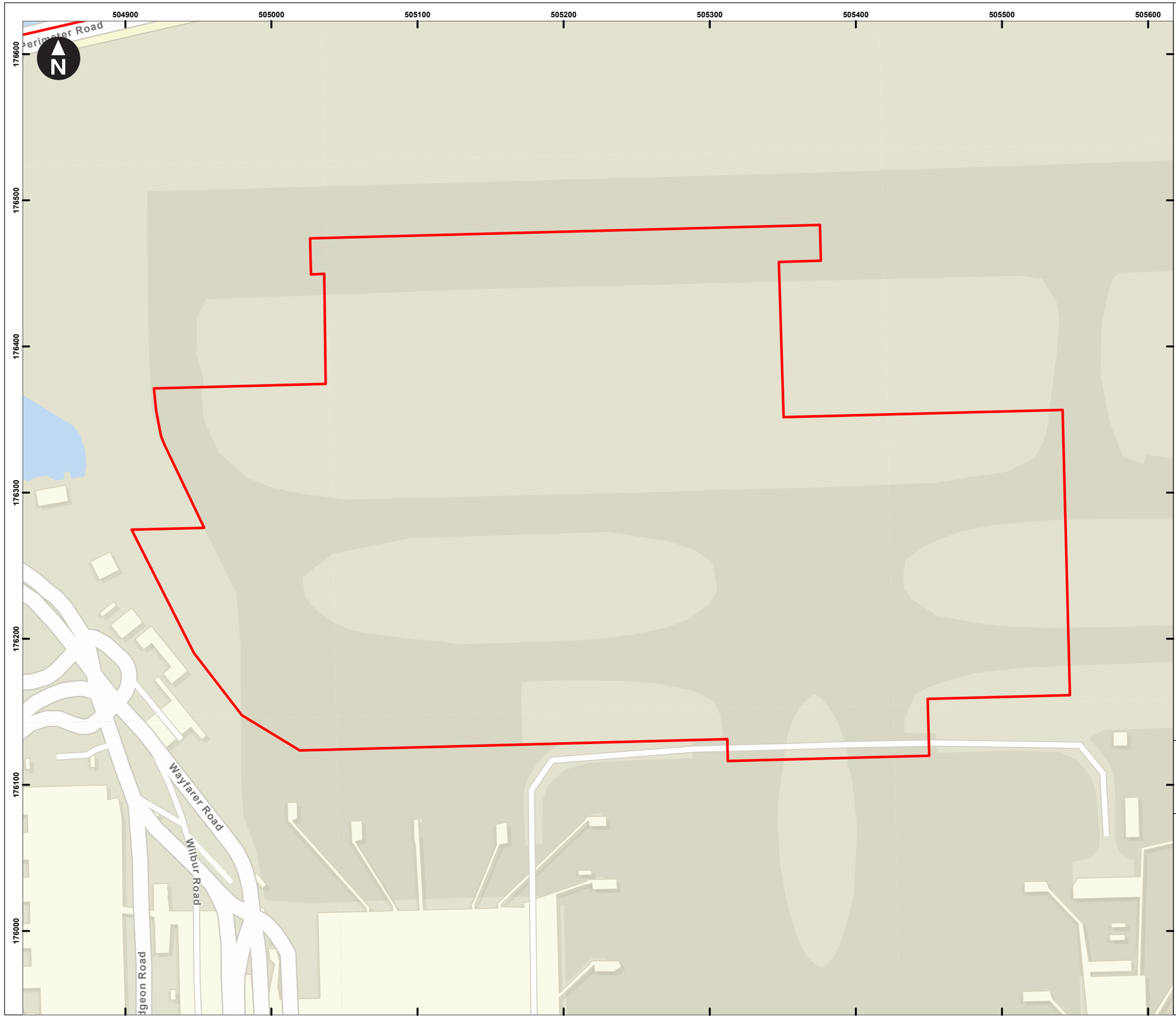

Key

New airfield infrastructure

0 20 40 60 80 100 m

Scale at A3: 1:2,500

World Street Map: Esri Community Maps Contributors, Esri UK, Esri, TomTom, Garmin, Foursquare, GeoTechnologies, Inc, METI/NASA, USGS

Client

Heathrow

Heathrow Easterly Alternation Infrastructure Project
Appendix 12.4 Biodiversity Net Gain

Figure 12.4.3
Proposed new airfield infrastructure boundary plan

Logika GROUP

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October 2024

853399-WSPE-XX-XX-FG-OE-00025_S0_P01.4.aprx

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505600 505700 505800 505900 506000 506100 506200 506300

175300 175200 175100 175000 174900 174800 174700

N

Southern Perimeter Road

Southern Perimeter Road

Sandringham Road

Key

Heathrow Ownership boundary

Proposed Development site

0 20 40 60 80 100 m

Scale at A3: 1:2,500

World Street Map: Esri Community Maps Contributors, Esri UK, Esri, TomTom, Garmin, Foursquare, GeoTechnologies, Inc, METI/NASA, USGS

Client

Heathrow

Heathrow Easterly Alternation Infrastructure Project
Appendix 12.4 Biodiversity Net Gain

Figure 12.4.4
Proposed redundant pavement site boundary plan

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October 2024

853399-WSPE-XX-XX-FG-OE-00026_S0_P01.4.aprx

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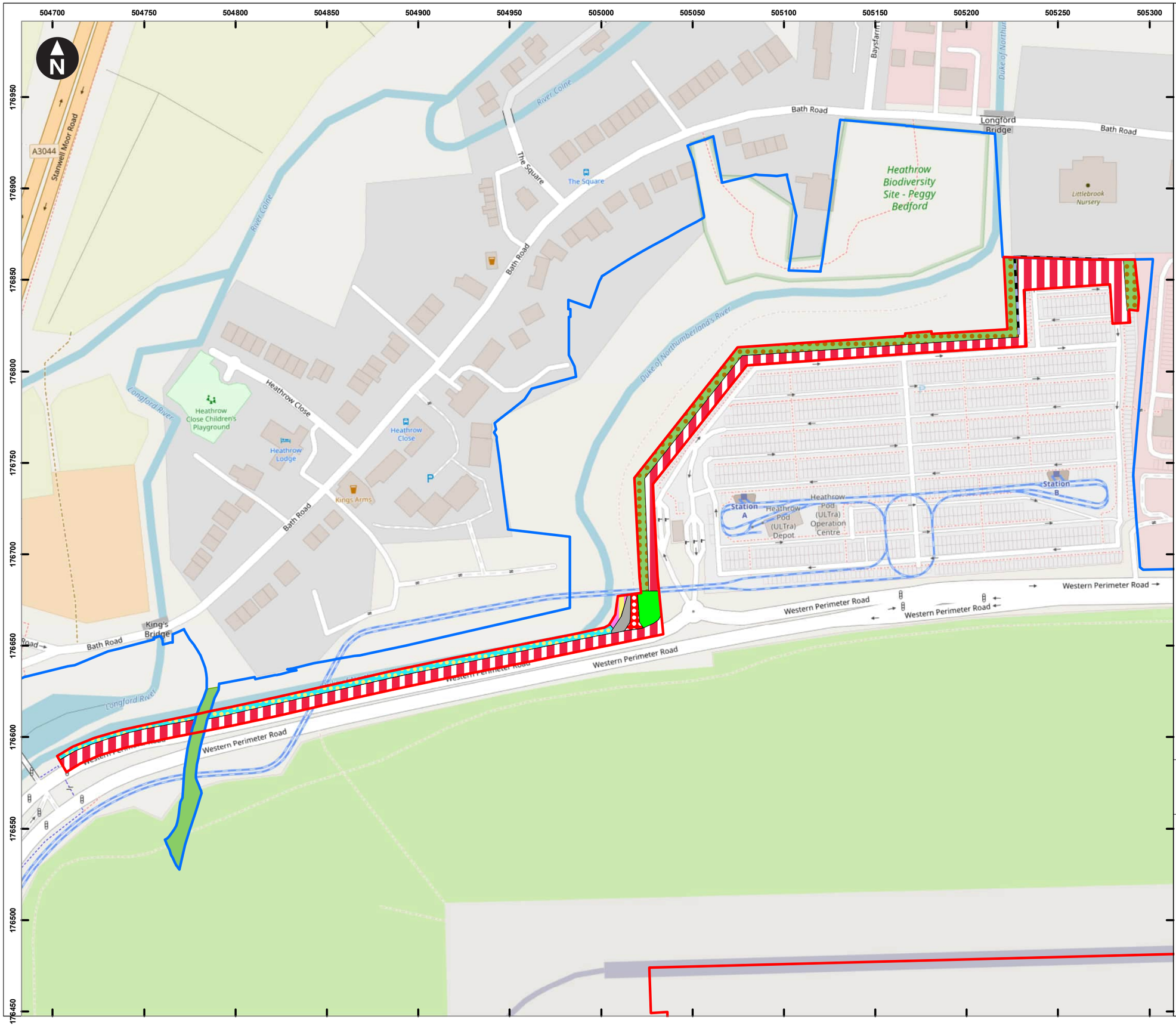

Key

- Heathrow Ownership boundary
- Unregistered land under Heathrow Airport Ltd control Application to register possessory title pending determination
- Proposed Development site
- h2a - hedgerow
- f2d - aquatic marginal vegetation
- g4 - modified grassland
- r2b - other rivers and streams
- s - sparsely vegetated land (sc81)
- u1b - developed land, sealed surface
- u1c - artificial unvegetated unsealed surface
- w1g - other woodland, broadleaved

0 25 50 75 100 m

Scale at A3: 1:2,000

Heathrow

Heathrow Easterly Alternation Infrastructure Project
Appendix 12.4 Biodiversity Net Gain

Figure 12.4.5
Easterly alternation infrastructure noise barrier UKHab data

Logika GROUP

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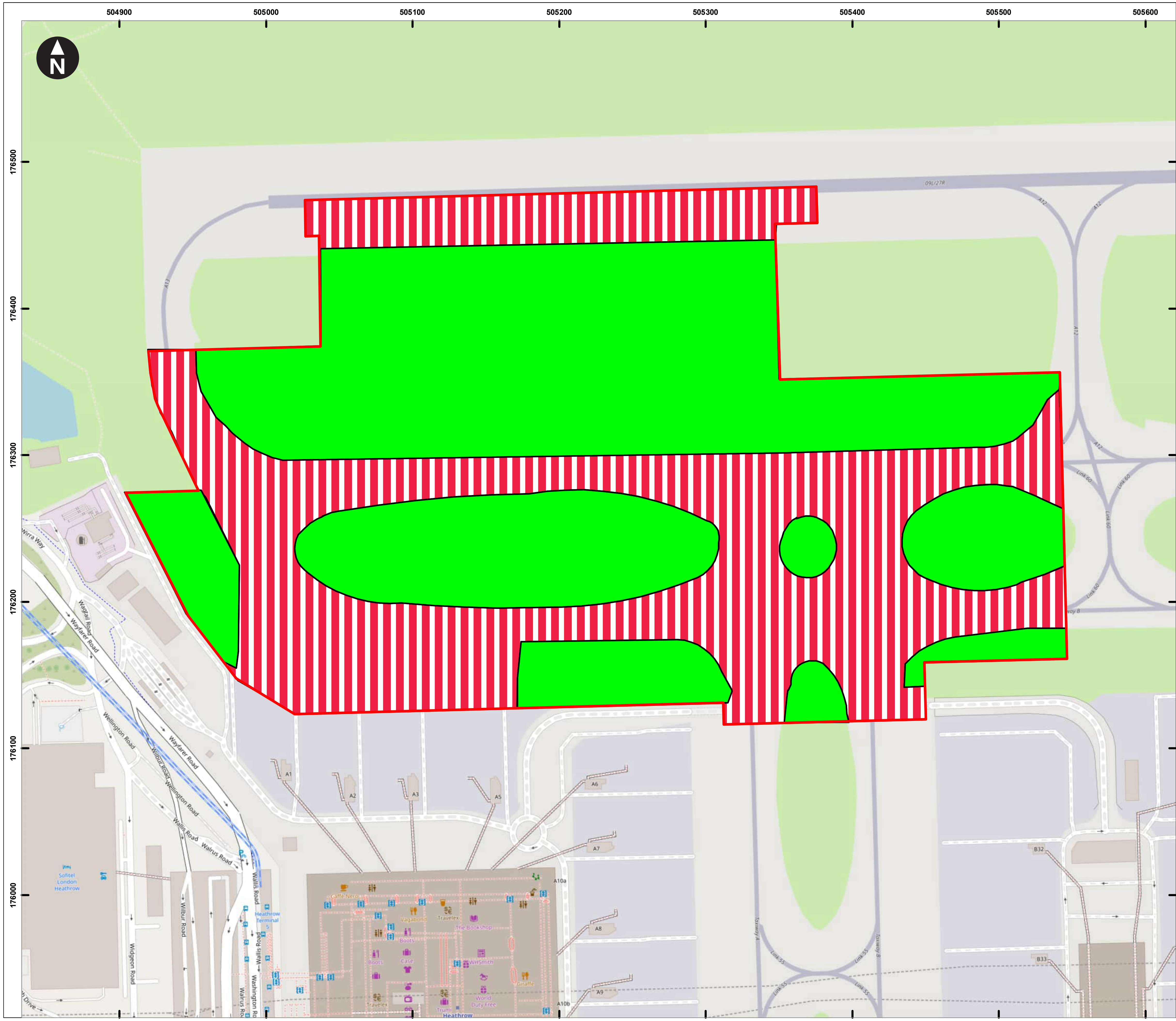
October 2024



Key

- New airfield infrastructure
- g4 - modified grassland
- u1b - developed land, sealed surface

0 25 50 75 100 125 150 m

Scale at A3: 1:2,500

OpenStreetMap: Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri

Heathrow

Heathrow Easterly Alternation Infrastructure Project
Appendix 12.4 Biodiversity Net Gain

Figure 12.4.6
Easterly alternation infrastructure new airfield infrastructure UKHab data

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October 2024

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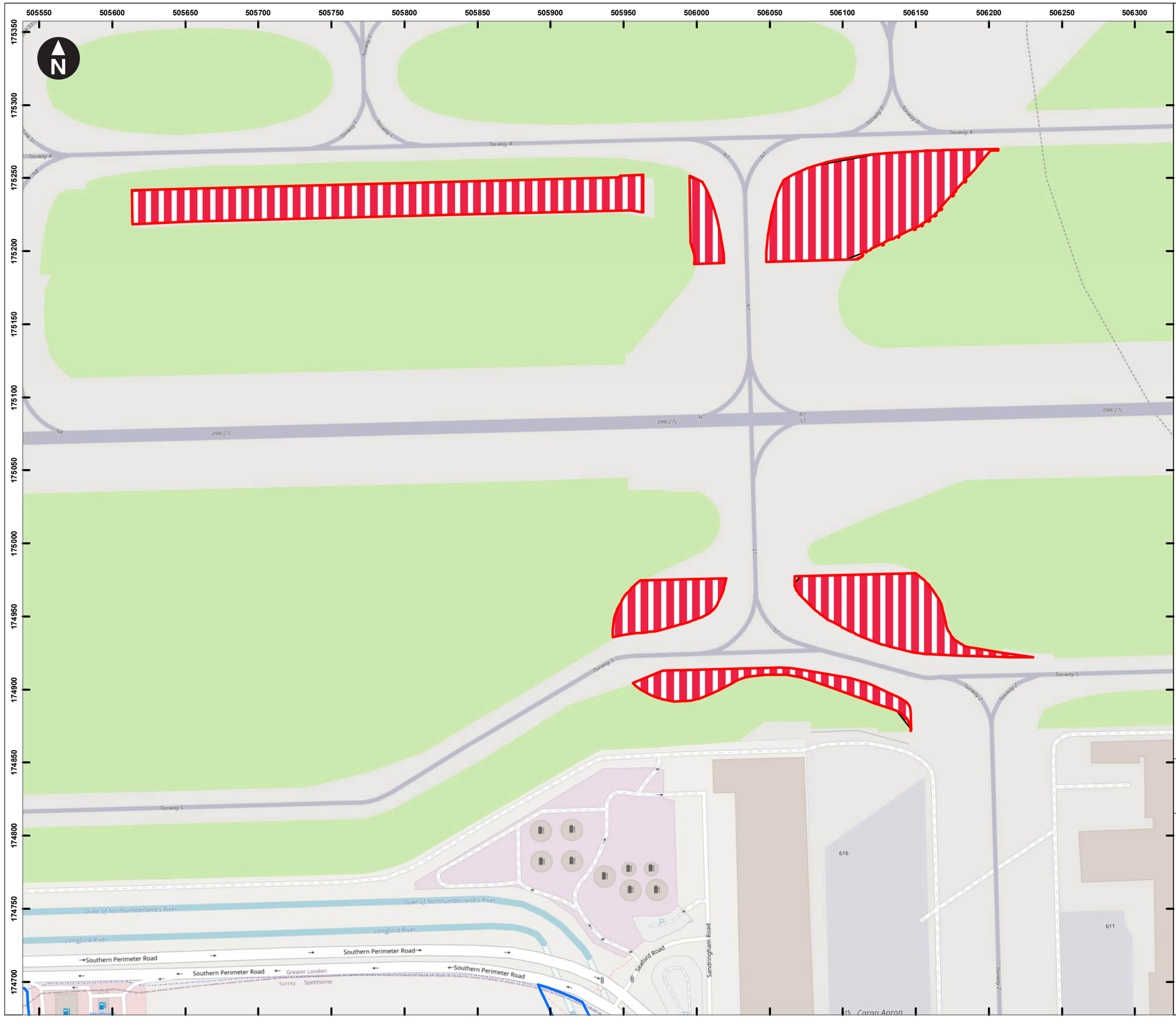


Key

- Heathrow Ownership boundary
- Proposed Development site
- u1b - developed land, sealed surface

0 25 50 75 100 125 150 m

Scale at A3: 1:2,500

Heathrow

Heathrow Easterly Alternation Infrastructure Project
Appendix 12.4 Biodiversity Net Gain

Figure 12.4.7
Easterly alternation infrastructure redundant pavement UKHab data

Logika GROUP

wsp

October 2024

Annex B Qualitative BNG Assessment

Table B.1 Evidence of project compliance with BNG good practice principles

Principle	Description	Evidence	Recommendations	Current outcome
1. Apply the mitigation hierarchy	Do everything possible to first avoid and then minimise impacts on biodiversity. Only as a last resort, and in agreement with external decision-makers where possible, compensate for losses that cannot be avoided. If compensating for losses within the development footprint is not possible or does not generate the most benefits for nature conservation, then offset biodiversity losses by gains elsewhere.	The general arrangements illustrate the Proposed Development avoids impacts to existing biodiversity value by avoiding areas of high and moderate distinctiveness habitats where possible (e.g. the watercourse or other broadleaved woodland). It also compensates for negative impacts through both options by creating new, biologically valuable habitats off-site (i.e. hedgerow). Where habitats are lost to development, the habitats are to be replaced like-for-like or better. This assessment assumes certain poor condition habitats would be enhanced (e.g. other neutral grassland).	The Proposed Development should aim to retain habitats of moderate distinctiveness or of moderate or high strategic significance, as well as their enhancement.	Yet to be achieved but would be achieved with offsite compensation.
2. Avoid losing biodiversity that cannot be offset by gains elsewhere	Avoid impacts on irreplaceable biodiversity – these impacts cannot be offset to achieve No Net Loss or Net Gain.	No irreplaceable habitats are affected by the Proposed Development.	N/A	Achieved
3. Be inclusive and equitable	Engage stakeholders early, and involve them in designing, implementing, monitoring, and evaluating the approach to Net Gain. Achieve Net Gain in partnership with stakeholders	Ongoing engagement with operational departments of Heathrow have ensured that consideration of BNG includes different stakeholders and designers.	This assessment is to be shared with the design team so its recommendations can be incorporated into the Proposed Development.	Achieved

Principle	Description	Evidence	Recommendations	Current outcome
	where possible and share the benefits fairly among stakeholders.			
4. Address risks	Mitigate difficulty, uncertainty, and other risks to achieving Net Gain. Apply well-accepted ways to add contingency when calculating biodiversity losses and gains in order to account for any remaining risks, as well as to compensate for the time between the losses occurring and the gains being fully realised.	Within the Metric, risk multipliers are applied with respect to time to target condition to account for the time required for habitats to reach any given condition, along with risk multipliers associated with the difficulty to create any given habitat.	Enhancement of existing habitat or the creation of new habitat would involve implementing a series of design and management measures. Although the potential to enhance areas of habitat from Poor to Moderate/Moderate to Good condition may not be practical to achieve, the small sub-sections of off-site habitat planned for enhancement/creation mitigate against likely difficulties, whilst generating significant contribution to a net gain in units. Estimates as to the cost of habitat management or enhancement would vary dependent on the nature of the habitats created, the intensity of the management required and other variables including cost of materials and labour. Creating habitats “in advance” of Site clearance would gain additional units by reducing the temporary risk multiplier.	Yet to be achieved but would be achieved with offsite compensation.
5. Make a measurable Net Gain contribution	Achieve a measurable, overall gain for biodiversity and the services ecosystems provide while directly	The modelled BNG assessment under determined that a quantitative net gain could be achieved through:	The modelled BNG assessment outlines the quantum of necessary habitat enhancement/creation required to achieve the measurable net gain.	Yet to be achieved but would be achieved with offsite compensation.

Principle	Description	Evidence	Recommendations	Current outcome
	contributing towards nature conservation priorities.	• Enhancement of 0.5-1.5ha of Area Habitats; • Enhancement 100-150m Hedgerow Habitats; and • Enhancement of 100-150m Watercourse Habitats.		
6. Achieve the best outcomes for biodiversity	Achieve the best outcomes for biodiversity by using robust, credible evidence and local knowledge to make clearly justified choices when: Delivering compensation that is ecologically equivalent in type, amount and condition, and that accounts for the location and timing of biodiversity losses; Compensating for losses of one type of biodiversity by providing a different type that delivers greater benefits for nature conservation; Achieving Net Gain locally to the development while also contributing towards nature conservation priorities at local, regional and national levels; Enhancing existing or creating new habitat.	For area-based habitats, habitat types have been compensated for using the "like-for-like or better approach". National, regional, and local policies would be achieved by the creation and enhancement of hedgerows and certain areas of grassland.	Include assumptions into the design of the Proposed Development.	Yet to be achieved but would be achieved with offsite compensation.
7. Be additional	Achieve nature conservation outcomes that demonstrably exceed existing obligations	The nature conservation outcomes within the legislation and policy (**Annex**	Consideration of strategic delivery of BNG, across multiple Heathrow projects should be considered to	Yet to be achieved.

Principle	Description	Evidence	Recommendations	Current outcome
	(i.e. do not deliver something that would occur anyway).	**C**) have been met for the purposes of this assessment.	ensure that projects would additively and promote net gain throughout the wider Heathrow Estate.	
8. Create a Net Gain legacy	Ensure Net Gain generates long-term benefits by: Engaging stakeholders and jointly agreeing practical solutions that secure Net Gain in perpetuity; Planning for adaptive management and securing dedicated funding for long-term management; Designing Net Gain for biodiversity to be resilient to external factors, especially climate change; Mitigating risks from other land uses; Avoiding displacing harmful activities from one location to another; Supporting local-level management of Net Gain activities.	Detailed information relating to the delivery of a 10% BNG, including an updated BNG statement and a HMPP would be provided under the deemed condition imposed by paragraph 13 of Schedule 7A of the TCPA 1990 if permission is granted, and any offsite biodiversity gains would be delivered and maintained pursuant to a conservation covenant or planning obligation in accordance with the statutory BNG regime.	Provide a Habitat Management and Monitoring Plan (HMMP).	Yet to be achieved but to be achieved as part of planning condition/approval.
9. Optimise sustainability	Prioritise Biodiversity Net Gain and, where possible, optimise the wider environmental benefits for a sustainable society and economy.	This BNG assessment is being used to inform the Proposed Development's design to provide better outcomes for biodiversity. The General Arrangements considers the BNG requirements as well as sustainability requirements and aims to address the two so that they are delivered together where possible. Wider environmental and sustainability benefits of the Proposed Development	The design of the Proposed Development should aim to avoid impacts on habitats of moderate or high distinctiveness or of moderate or high strategic significance, as well as their creation and enhancement. While there is an inherent real and underlying value to the natural capital, seeking to quantify it using	Yet to be achieved but would be achieved with offsite compensation.

Principle	Description	Evidence	Recommendations	Current outcome
		are discussed in **Chapters 6** to **12** of the Environmental Statement.	additional methods beyond ecological criteria may not add further information, as well as risking influence from methodological choices and results with apparent but spurious accuracy.	
10. Be transparent	Communicate all Net Gain activities in a transparent and timely manner, sharing the learning with all stakeholders.	This assessment will be shared with contractors and other parties where appropriate so its recommendations can be incorporated into the Proposed Development.	N/A	Achieved

Annex C Biodiversity Net Gain Policy and Legislation

National legislation

England

Environment Act 2021[16]

The Act requires a minimum of 10% net gain for biodiversity as a condition of planning permission.

Net gain is to be measured by the biodiversity metric published by the Secretary of State, which is expected to be a revision of the current Biodiversity Metric 4.0 published by Natural England. The Act requires that habitat creation and enhancements that are for BNG to be maintained for a minimum of 30 years post completion of development.

Natural Environment and Rural Communities Act 2006[17]

The Natural Environment and Rural Communities (NERC) Act (HMSO, 2006) requires public bodies, including local authorities, '*to have regard to the conservation of biodiversity in England when carrying out their normal functions'*.

Under Section 40, as amended by the Environment Act 2021, "*A public authority which has any functions exercisable in relation to England must from time to time consider what action the authority can properly take, consistently with the proper exercise of its functions, to further the general biodiversity objective*." The biodiversity objective is, "*…the conservation and enhancement of biodiversity in England through the exercise of functions in relation to England*". This is referred to as the Biodiversity Duty.

Section 41 sets out that:

- Paragraph 1. "The Secretary of State must… publish a list of the living organisms and types of habitat … of principal importance for the purpose of conserving or enhancing biodiversity" based on consultation with Natural England; and that.
- Paragraph 3a. Every planning authority must "a) take such steps… to further the conservation of the living organisms and types of habitat included in any list published under this section, or (b) promote the taking by others of such steps".

Environment Improvement Plan 2023[18]

The Environment Improvement Plan represents the first review of the UK Government's 25 Year Environment Plan (DEFRA, 2018). It reinforces the intent of the 25 Year Environment Plan and sets out 10 goals to include:

- Goal 1 - Thriving plants and wildlife
- Goal 2 - Clean air

[16] *Environment Act 2021*. [Online] Available at: https://www.legislation.gov.uk/ukpga/2021/30/contents [Accessed 16 September 2024].
[17] *Natural Environment and Rural Communities Act 2006*. [Online] Available at: https://www.legislation.gov.uk/ukpga/2006/16/contents [Accessed 16 September 2024].
[18] Department for Environment, Food and Rural Affairs (Defra), (2023). *Environmental Improvement Plan 2023*. [Online] Available at: https://www.gov.uk/government/publications/environmental-improvement-plan [Accessed 16 September 2024].

- Goal 3 - Clean and plentiful water
- Clean 4 - Managing exposure to chemicals and pesticides
- Goal - 5 Maximise our resources, minimise our waste
- Goal 6 - Using resources from nature sustainability
- Goal 7 - Mitigating and adapting to climate change
- Goal 8 - Reduced risk of harm from environment waste
- Goal 9 - Enhancing biosecurity
- Goal 10 - Enhanced beauty, heritage and engagement with the natural environment

National Planning Policy Framework[19]

The revised National Planning Policy Framework (NPPF) refers to conserving and enhancing the natural environment. This requires Local Authorities in England to take measures to:

- Conserve and enhance biodiversity;
- Protect the habitats of these species from further decline;
- Protect the species from the adverse effect of development; and
- Refuse planning permission for development, if significant harm resulting from a development cannot be avoided, adequately mitigated, or, as a last resort, compensated for.

Although not currently a legal obligation, the revised NPPF refers to biodiversity and environmental net gains in the following paragraphs:

- Transport Infrastructure
  - Paragraph 104 "*Transport issues should be considered from the earliest stages of plan-making and development proposals, so that:*

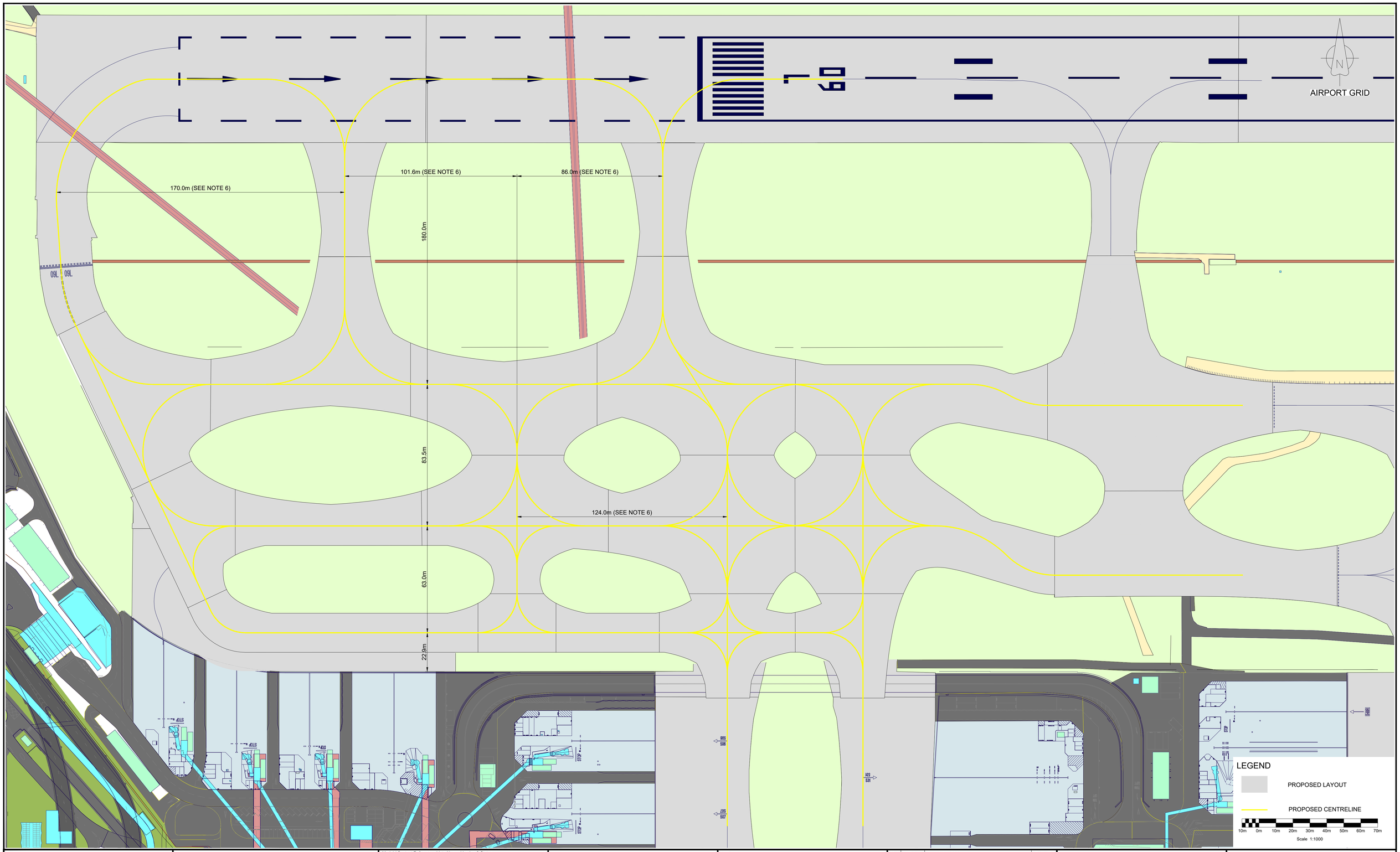
    d) the environmental impacts of traffic and transport infrastructure can be identified assessed and taken into account – including appropriate opportunities for avoiding and mitigating any adverse effects, and for ***net environmental gains***."
- Planning decisions
  - Paragraph 174. "*Planning policies and decisions should contribute to and enhance the natural and local environment by: … d) minimising impacts on and* ***providing net gains*** *for biodiversity, including by establishing coherent ecological networks that are more resilient to current and future pressures*."
  - Paragraph 179. "*To protect and enhance biodiversity and geodiversity plans should b) promote the conservation, restoration and enhancement of priority habitats, ecological*

[19] Ministry of Housing, Communities and Local Government (MHCLG), (2023). *National Planning Policy Framework*. [Online] Available at: https://www.gov.uk/guidance/national-planning-policy-framework [Accessed 16 September 2024].

networks and the protection and recovery of priority species; and identify and pursue opportunities for securing ***measurable net gains for biodiversity***."

- Paragraph 180. "*When determining planning applications, local planning authorities should apply the following principles: a) if significant harm to biodiversity resulting from a development cannot be avoided (through locating on an alternative site with less harmful impacts) adequately mitigated, or, as a last resort, compensated for, then planning permission should be refused; … and d) … opportunities to incorporate biodiversity improvements in and around developments, especially where this can secure* ***measurable net gains for biodiversity***."

Annex D Post-Development Plans



NOTES

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4. DO NOT SCALE FROM THIS DRAWING.
5. THIS DRAWING SHOWS PROPOSED LAYOUT. FOR DETAILS OF NEW PAVEMENT AREAS AND EXISTING PAVEMENT AREAS TO BE REMOVED, SEE DWG 19309-00-GA-193-000003.
6. EAST-WEST POSITION OF PROPOSED RUNWAY ACCESS TAXIWAYS AND PROPOSED LINK SUBJECT TO CHANGE UP TO 20M DURING DETAILED DESIGN.

Model / Content References List - Name, Version & Status:

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HAL_10000-XX-M3-XXX-000079
19309-YY-M2-193-000049

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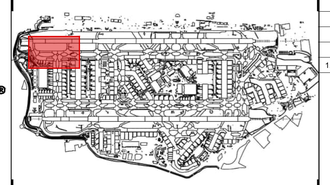
Key Plan



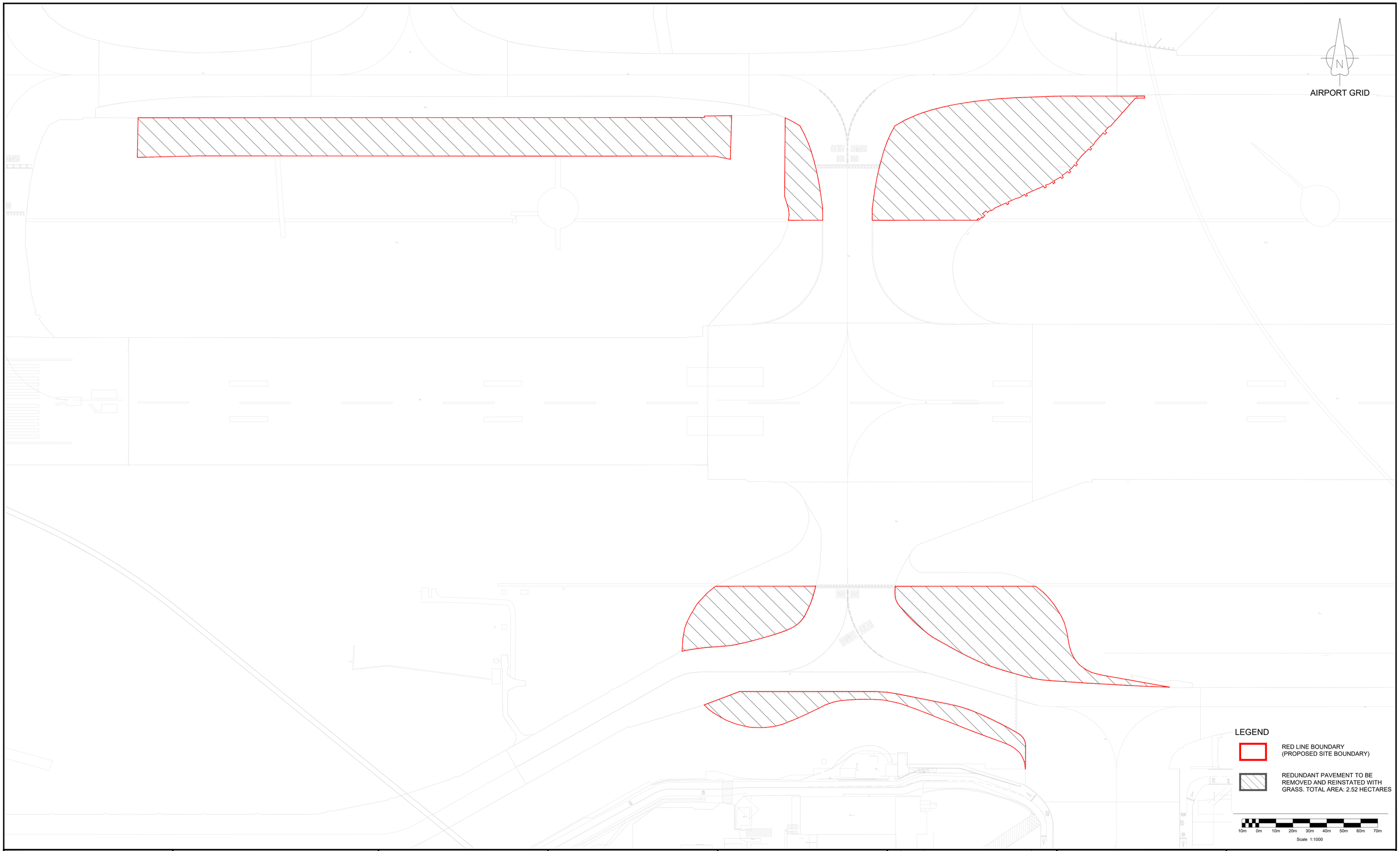
Ver	Date	Description Of Change	Drawn By
1.0	07/08/24	FIRST ISSUE - FOR INFORMATION	JS

Title

EASTERLY ALTERNATIONS INFRASTRUCTURE
PROPOSED 09L RUNWAY HOLD AREA
GENERAL ARRANGEMENT

Heathrow

Project Name			Heathrow Project No.
EASTERLY ALTERNATIONS INFRASTRUCTURE			B7239
© Heathrow Airport Limited 2022			Scale 1:1000 @ A1
Company	Drawn By	Chk/Approved	Drawn Date / Status
JACOBS	JS	CW / CW	07/08/24 / A2
Location-Level-Sub Series/System-Identifier			Version
19309-00-GA-193-000002			1.0



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Model / Content References List - Name, Version & Status:

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19309-YY-M2-193-000049
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19309-YY-M2-193-000048

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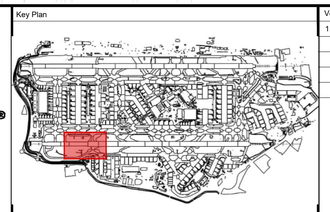
Key Plan



Ver	Date	Description Of Change	Drawn By
1.0	07/08/24	FIRST ISSUE - FOR INFORMATION	JS

Title

EASTERLY ALTERNATIONS INFRASTRUCTURE
REDUNDANT PAVEMENT
SITE PLAN

Heathrow

Project Name			Heathrow Project No.
EASTERLY ALTERNATIONS INFRASTRUCTURE			B7239
© Heathrow Airport Limited 2022			Scale 1:1000 @ A1
Company	Drawn By	Chk/Approved	Drawn Date / Status
JACOBS	JS	CW / CW	07/08/24 / A2
Location-Level-Sub Series/System-Identifier			Version
19309-00-GA-193-000007			1.0

Annex E Metric Calculation Tool

The Statutory Biodiversity Metric
Start page

Project details			
Planning authority:	Hillingdon		
Project name:	Heathrow Easterly Alternation Infastructure		
Applicant:	Heathrow Airport		
Application type:	Design Planning Application		
Planning application reference:			
Completed by:	Samuel Bray		
Date of metric completion:	26 February 2024		
Reviewer:			
Calculation iteration:			
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):	22.35	Irreplaceable habitat site area (hectares):	0.00
Total off-site area - including irreplaceable habitat area (hectares):	0.50	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
Main menu

Key

- Area habitats
- Hedgerows and lines of trees
- Watercourses

Start page | Technical data | Results

Start here

1 → 2 → 3 → 4

Tree helper

Tree size	Number of trees and area (ha) for each condition state					
	Poor	Area	Moderate	Area	Good	Area
Small		0.0000		0.0000		0.0000
Medium		0.0000		0.0000		0.0000
Large		0.0000		0.0000		0.0000
Very large		0.0000		0.0000		0.0000
Total	0	0.0000	0	0.0000	0	0.0000

On-site baseline

- A-1 On-site Area Habitat Baseline
- B-1 On-site Hedge Baseline
- C-1 On-site Watercourse Baseline

On-site post development

- A-2 On-site Area Habitat Creation
- A-3 On-site Area Habitat Enhancement
- B-2 On-site Hedge Creation
- B-3 On-site Hedge Enhancement
- C-2 On-site Watercourse Creation
- C-3 On-site Watercourse Enhancement

Off-site baseline

- D-1 Off-site Area Habitat Baseline
- E-1 Off-site Hedge Baseline
- F-1 Off-site Watercourse Baseline

Off-site post development

- D-2 Off-site Area Habitat Creation
- D-3 Off-site Area Habitat Enhancement
- E-2 Off-site Hedge Creation
- E-3 Off-site Hedge Enhancement
- F-2 Off-site Watercourse Creation
- F-3 Off-site Watercourse Enhancement

	Target	Baseline Units	Required Units	Unit Deficit
Area habitats	10.00%	21.83	24.02	0.00
Hedgerows	10.00%	1.06	1.16	0.00
Watercourses	10.00%	4.42	4.86	0.00

Tier	Unit Shortfall by Tier	Unit Shortfall by Tier (SRM Included)
A1	0.00	0.00
A2	0.00	0.00
A3	0.00	0.00
A4	0.00	0.00
A5	0.00	0.00
H	0.00	0.00
W	0.00	0.00

HIGH

Tier	Habitat	Habitat Group	Unit Change	Losses in Tier
A5	Lakes - High alkalinity lakes	Lakes	0.00	0.00
	Lakes - Low alkalinity lakes	Lakes	0.00	
	Lakes - Marl lakes	Lakes	0.00	
	Lakes - Moderate alkalinity lakes	Lakes	0.00	
	Lakes - Peat lakes	Lakes	0.00	
A4	Grassland - Floodplain wetland mosaic and CFGM	Grassland	0.00	0.00
	Lakes - Ponds (priority habitat)	Lakes	0.00	
	Lakes - Temporary lakes ponds and pools (H3170)	Lakes	0.00	
	Sparsely vegetated land - Coastal sand dunes	Sparsely vegetated land	0.00	
	Sparsely vegetated land - Coastal vegetated shingle	Sparsely vegetated land	0.00	
	Sparsely vegetated land - Inland rock outcrop and scree habitats	Sparsely vegetated land	0.00	
	Sparsely vegetated land - Maritime cliff and slopes	Sparsely vegetated land	0.00	
	Woodland and forest - Lowland mixed deciduous woodland	Woodland and forest	0.00	
	Woodland and forest - Native pine woodlands	Woodland and forest	0.00	
	Woodland and forest - Upland mixed ashwoods	Woodland and forest	0.00	
	Woodland and forest - Upland oakwood	Woodland and forest	0.00	
	Coastal lagoons - Coastal lagoons	Coastal lagoons	0.00	
	Rocky shore - High energy littoral rock	Rocky shore	0.00	
	Rocky shore - Moderate energy littoral rock	Rocky shore	0.00	
	Rocky shore - Low energy littoral rock	Rocky shore	0.00	
	Rocky shore - Features of littoral rock	Rocky shore	0.00	
	Coastal saltmarsh - Saltmarshes and saline reedbeds	Coastal saltmarsh	0.00	
A3	Woodland and forest - Felled./Replacement for felled woodland	Woodland and forest	0.00	0.00
	Woodland and forest - Lowland beech and yew woodland	Woodland and forest	0.00	
	Woodland and forest - Upland birchwoods	Woodland and forest	0.00	
	Woodland and forest - Wet woodland	Woodland and forest	0.00	
	Intertidal sediment - Littoral mud	Intertidal sediment	0.00	
	Intertidal sediment - Littoral mixed sediments	Intertidal sediment	0.00	
	Intertidal sediment - Littoral biogenic reefs - Mussels	Intertidal sediment	0.00	
	Intertidal sediment - Littoral biogenic reefs - Sabellaria	Intertidal sediment	0.00	
	Intertidal sediment - Features of littoral sediment	Intertidal sediment	0.00	
	Intertidal sediment - Littoral muddy sand	Intertidal sediment	0.00	
	Intertidal sediment - Littoral seagrass	Intertidal sediment	0.00	
A2	Grassland - Lowland calcareous grassland	Grassland	0.00	0.00
	Grassland - Tall herb communities (H6430)	Grassland	0.00	
	Grassland - Upland calcareous grassland	Grassland	0.00	
	Heathland and shrub - Lowland Heathland	Heathland and shrub	0.00	
	Heathland and shrub - Dunes with sea buckthorn (H2160)	Heathland and shrub	0.00	
	Heathland and shrub - Upland heathland	Heathland and shrub	0.00	
	Urban - Open mosaic habitats on previously developed land	Urban	0.00	
A1	Grassland - Traditional orchards	Grassland	0.00	0.00
	Wetland - Reedbeds	Wetland	0.00	

Rule 1	Higher surplus is used to offset loss of medium distinctiveness of the same broad habitat category.
Rule 2	Remaining higher surplus is used to offset the loss of the most expensive medium credit tier of A4
Rule 3	Remaining higher surplus is used to offset the loss of the second most expensive medium credit tier of A2
Rule 4	Remaining higher surplus is used to offset the loss of the third most expensive medium credit tier A1
Rule 5	Remaining higher surplus is used to offset losses from low distinctiveness habitats

		Very High + High Distinctiveness Surplus Availability		Medium Distinctiveness Losses		Rule 1	Rule 2	Rule 3	Rule 4		Final Losses in Tier
		Habitat Group	Unit Gain Available in Broad Habitat Group	Habitat Group	Losses Requiring Offset	Remaining Available After Rule 1	Remaining Available After Rule 2	Remaining Available After Rule 3	Remaining Available After Rule 4		
MEDIUM	A1	Cropland	0.00	Cropland	0.00	0.00	0.00	0.00	0.00	A1	0.00
		Grassland	0.00	Grassland	0.00	0.00					
		Heathland and shrub	0.00	Heathland and shrub	0.00	0.00					
		Urban	0.00	Urban	0.00	0.00					
		Individual trees	0.00	Individual trees	0.00	0.00					
	A2	Woodland and forest	0.00	Woodland and forest	0.00	0.00	0.00	0.00	0.00	A2	0.00
		Intertidal sediment	0.00	Intertidal sediment	0.00	0.00					
	A4	Lakes	0.00	Lakes	0.00	0.00	0.00	0.00	0.00	A4	0.00
		Sparsely vegetated land	0.00	Sparsely vegetated land	0.00	0.00					
		Wetland	0.00	Wetland	0.00	0.00					
					Total Remaining Units Available	0.00	0.00	0.00	0.00		

		Net Unit Change for Low Distinctiveness Habitats	Total Unit Change for Low Distinctiveness Habitats Following Offset from Higher Distinctiveness Habitats	Units Remaining Available After Rule 5	Final Losses in Tier
LOW	A1	-1.18	2.68	2.68	0.00

Hedgerows		Losses	Final Losses
H	VHD Losses Not Offset	0.00	0.00
	HD Losses Not Offset	0.00	
	MD Losses Not Offset	0.11	
	LD Losses Not Offset	0.11	
	VLD Losses Not Offset	0.11	

Watercourses		Losses	Final Losses
W	VHD Losses Not Offset	0.00	0.00
	HD Losses Not Offset	0.00	
	MD Losses Not Offset	0.00	
	LD Losses Not Offset	0.48	

Unit Shortfall by Tier/Module

Tier	Unit Shortfall
A1	0.00
A2	0.00
A3	0.00
A4	0.00
A5	0.00
H	0.00
W	0.00

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

The Statutory Biodiversity Metric
Results

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Unit shortfall summary

Heathrow Easterly Alternation Infastructure

Headline Results

Scroll down for final results ⚠

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On-site baseline	*Habitat units*	21.83		
	Hedgerow units	1.06		
	Watercourse units	4.42		
On-site post-intervention (Including habitat retention, creation & enhancement)	*Habitat units*	21.65		
	Hedgerow units	0.07		
	Watercourse units	4.42		
On-site net change (units & percentage)	*Habitat units*	-0.18	-0.83%	On-site net gain is less than target set ⚠
	Hedgerow units	-0.99	-93.33%	On-site net gain is less than target set ⚠
	Watercourse units	0.00	0.00%	On-site net gain is less than target set ⚠
Off-site baseline	*Habitat units*	1.00		
	Hedgerow units	0.00		
	Watercourse units	1.66		
Off-site post-intervention (Including habitat retention, creation & enhancement)	*Habitat units*	3.86		
	Hedgerow units	1.10		
	Watercourse units	2.14		
Off-site net change (units & percentage)	*Habitat units*	2.86	286.15%	
	Hedgerow units	1.10	N/A	Zero baseline units - % cannot be calculated
	Watercourse units	0.48	29.05%	
Combined net unit change (Including all on-site & off-site habitat retention, creation & enhancement)	*Habitat units*	2.68		
	Hedgerow units	0.11		
	Watercourse units	0.48		
Spatial risk multiplier (SRM) deductions	*Habitat units*	0.00		
	Hedgerow units	0.00		
	Watercourse units	0.00		

FINAL RESULTS

Total net unit change (Including all on-site & off-site habitat retention, creation & enhancement)	*Habitat units*	2.68
	Hedgerow units	0.11
	Watercourse units	0.48
Total net % change (Including all on-site & off-site habitat retention, creation & enhancement)	*Habitat units*	12.27%
	Hedgerow units	10.54%
	Watercourse units	10.89%
Trading rules satisfied?		Yes ✓

Unit Type	Target	Baseline Units	Units Required	Unit Deficit	
Habitat units	10.00%	21.83	24.02	0.00	No additional area habitat units required to meet target ✓
Hedgerow units	10.00%	1.06	1.16	0.00	No additional hedgerow units required to meet target ✓
Watercourse units	10.00%	4.42	4.86	0.00	No additional watercourse units required to meet target ✓

Heathrow Easterly Alternation Infastructure

Detailed Results

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Summary Figures

Net project biodiversity units (Including all on-site & off-site habitat retention / creation)	*Habitat units*	**2.68**
	Hedgerow units	**0.11**
	Watercourse units	**0.48**
Total project biodiversity % change (Including all on-site & off-site habitat creation + retained habitats)	*Habitat units*	**12.27%**
	Hedgerow units	**10.54%**
	Watercourse units	**10.89%**

Combined habitat retention and enhancement

	Habitats	Hedgerows	Watercourses
Total on-site and off-site baseline area / length	22.85	0.12	0.44
Total on-site and off-site baseline units	22.83	1.06	6.07
Total on-site and off-site baseline area / length retained	14.47	0.01	0.32
Total on-site and off-site baseline units retained	13.83	0.07	4.42
Total on-site and off-site area / length proposed for enhancement	0.50	0.00	0.12
Total on-site and off-site baseline units proposed for enhancement	1.00	0.00	1.66
Total on-site and off-site baseline area / length lost	7.88	0.11	0.00
Total on-site and off-site baseline units lost	8.00	0.99	0.00

Area Habitats

Area habitats

On-site change by broad habitat type

Habitat group	Baseline		Post-development on-site		On-site change	
	On-site existing area	On-site existing value	On-site proposed area	On-site proposed value	On-site area change	On-site unit change
Cropland	0.00	0.00	0.00	0.00	0.00	0.00
Grassland	10.06	20.12	10.43	19.98	0.37	-0.14
Heathland and shrub	0.00	0.00	0.00	0.00	0.00	0.00
Lakes	0.00	0.00	0.00	0.00	0.00	0.00
Sparsely vegetated land	0.01	0.04	0.00	0.00	-0.01	-0.04
Urban	11.98	0.00	11.62	0.00	-0.36	0.00
Wetland	0.00	0.00	0.00	0.00	0.00	0.00
Woodland and forest	0.19	1.67	0.19	1.67	0.00	0.00
Intertidal sediment	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	0.11	0.00	0.11	0.00	0.00	0.00
Individual trees	0.00	0.00	0.00	0.00	0.00	0.00

Off-site change by broad habitat type

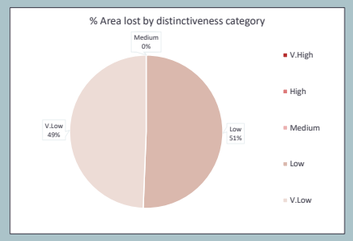
Habitat group	Baseline		Post-development off-site		Off-site change	
	Off-site existing area	Off-site existing value	Off-site proposed area	Off-site proposed value	Off-site area change	Off-site unit change
Cropland	0.00	0.00	0.00	0.00	0.00	0.00
Grassland	0.50	1.00	0.00	0.00	-0.50	-1.00
Heathland and shrub	0.00	0.00	0.50	3.86	0.50	3.86
Lakes	0.00	0.00	0.00	0.00	0.00	0.00
Sparsely vegetated land	0.00	0.00	0.00	0.00	0.00	0.00
Urban	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
Intertidal sediment	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

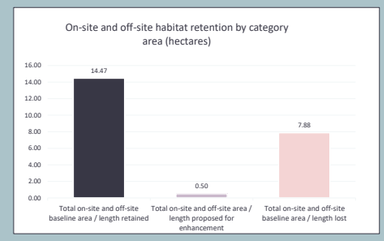
Combined on-site and off-site change by broad habitat type

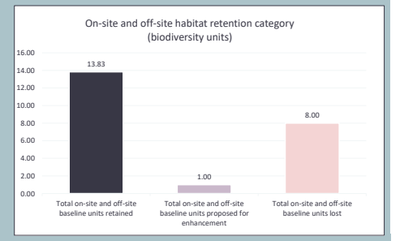
Habitat group	Baseline		On-site and off-site post-development		Combined change	
	Combined existing area	Combined existing value	Combined proposed area	Combined proposed value	Combined area change	Combined unit change
Cropland	0.00	0.00	0.00	0.00	0.00	0.00
Grassland	10.56	21.12	10.43	19.98	-0.13	-1.14
Heathland and shrub	0.00	0.00	0.50	3.86	0.50	3.86
Lakes	0.00	0.00	0.00	0.00	0.00	0.00
Sparsely vegetated land	0.01	0.04	0.00	0.00	-0.01	-0.04
Urban	11.98	0.00	11.62	0.00	-0.36	0.00
Wetland	0.00	0.00	0.00	0.00	0.00	0.00
Woodland and forest	0.19	1.67	0.19	1.67	0.00	0.00
Intertidal sediment	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	0.11	0.00	0.11	0.00	0.00	0.00
Individual trees	0.00	0.00	0.00	0.00	0.00	0.00

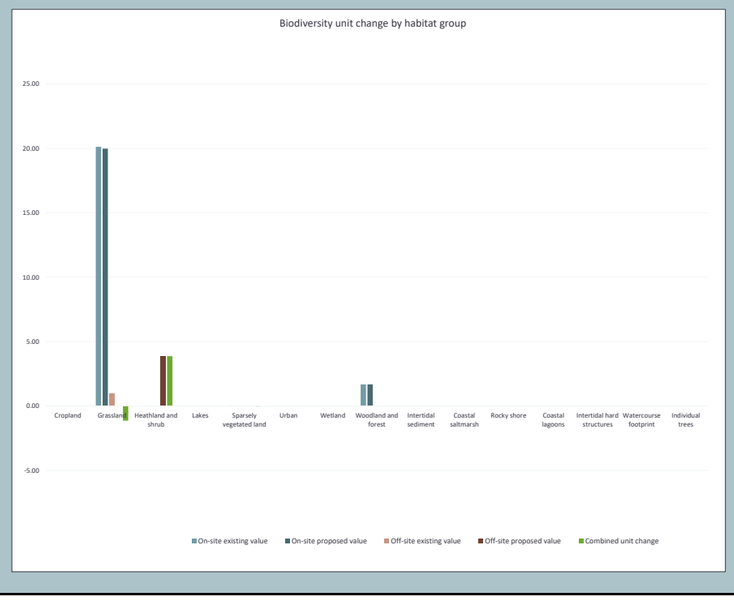
Combined area lost from baseline(s) by distinctiveness band

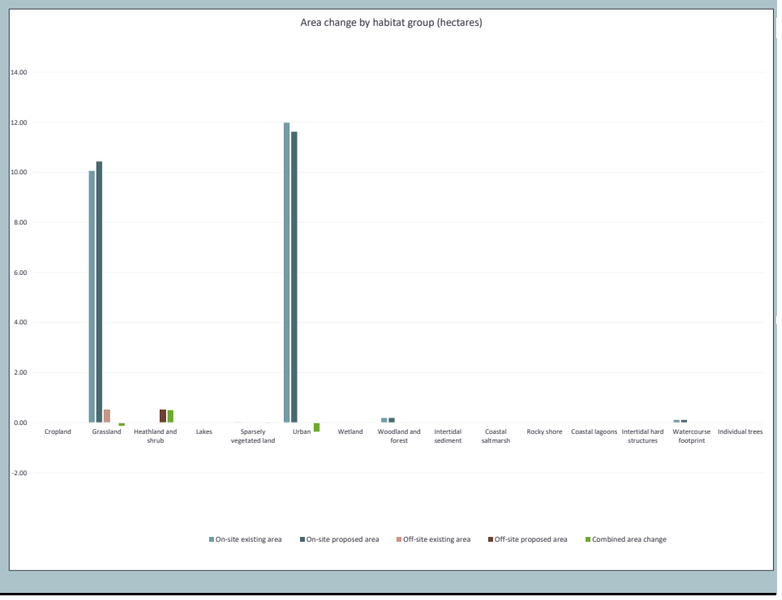
Category	Area lost (hectares)	Area lost (%)
V.High	0	
High	0	
Medium	0	
Low	3.99	51
V.Low	3.89	49











Hedgerows and Lines of Trees

Hedgerows and lines of trees

On-site change by hedgerow type

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 length 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 - 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	0.12	1.06	0.01	0.07	-0.11	-0.99
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

Off-site change by hedgerow type

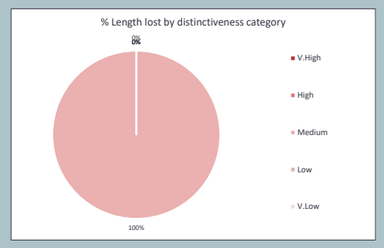
Hedgerow type	Off-site baseline		Post-development off-site		Off-site change	
	Off-site existing length	Off-site existing value	Off-site proposed length	Off-site proposed value	Off-site length change	Off-site unit change
Species-rich native hedgerow with trees - associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	0.00
Species-rich native hedgerow with trees	0.00	0.00	0.00	0.00	0.00	0.00
Species-rich native hedgerow - associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	0.00
Native hedgerow with trees - associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	0.00
Species-rich native hedgerow	0.00	0.00	0.00	0.00	0.00	0.00
Native hedgerow - associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	0.00
Native hedgerow with trees	0.00	0.00	0.18	1.10	0.18	1.10
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

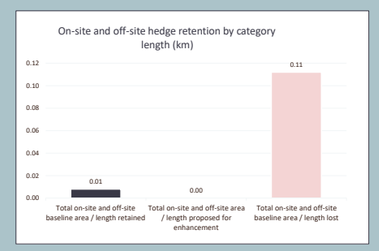
Combined on-site and off-site change by hedgerow type

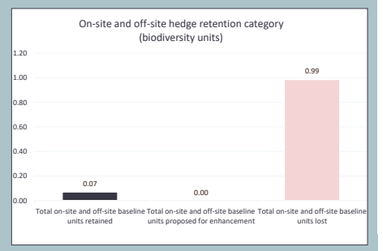
Hedgerow type	Baseline		Post-development		Change	
	Combined existing length	Combined existing value	Combined proposed length	Combined proposed value	Combined length change	Combined unit change
Species-rich native hedgerow with trees - associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	0.00
Species-rich native hedgerow with trees	0.00	0.00	0.00	0.00	0.00	0.00
Species-rich native hedgerow - associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	0.00
Native hedgerow with trees - associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	0.00
Species-rich native hedgerow	0.00	0.00	0.00	0.00	0.00	0.00
Native hedgerow - associated with bank or ditch	0.00	0.00	0.00	0.00	0.00	0.00
Native hedgerow with trees	0.12	1.06	0.19	1.17	0.07	0.11
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

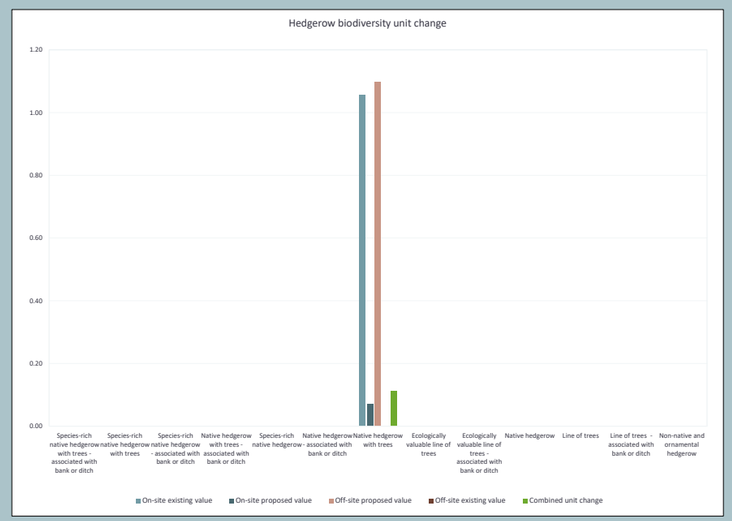
Combined length lost from baseline(s) by distinctiveness band

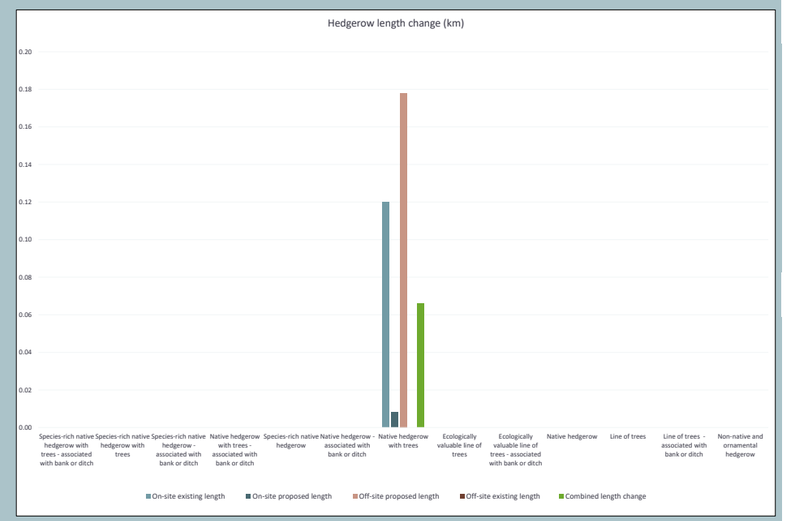
Category	Length lost (km)	Length lost (%)
V.High	0	
High	0	
Medium	0.118	100
Low	0	
V.Low	0	







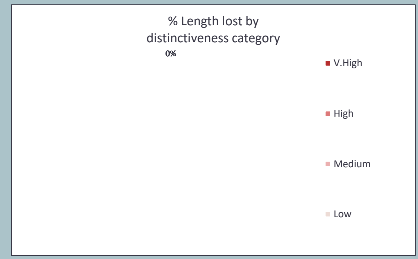


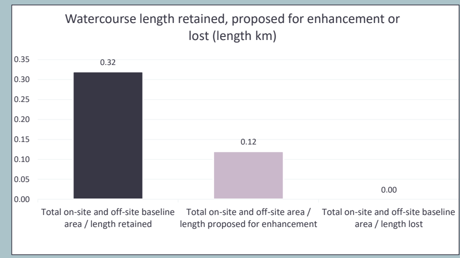


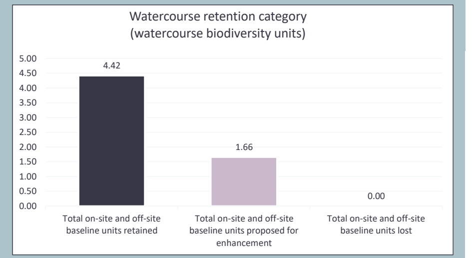
Watercourses

On-site change by watercourse type						
	Baseline		**Post-development on site**		**On-site Change**	
Watercourse type	On-site existing length	On-site existing value	On-site proposed length	On-site proposed value	On-site length change	On-site unit change
Priority habitat	0.0	0.0	0.0	0.0	0.0	0.0
Other rivers and streams	0.3	4.4	0.3	4.4	0.0	0.0
Ditches	0.0	0.0	0.0	0.0	0.0	0.0
Canals	0.0	0.0	0.0	0.0	0.0	0.0
Culvert	0.0	0.0	0.0	0.0	0.0	0.0

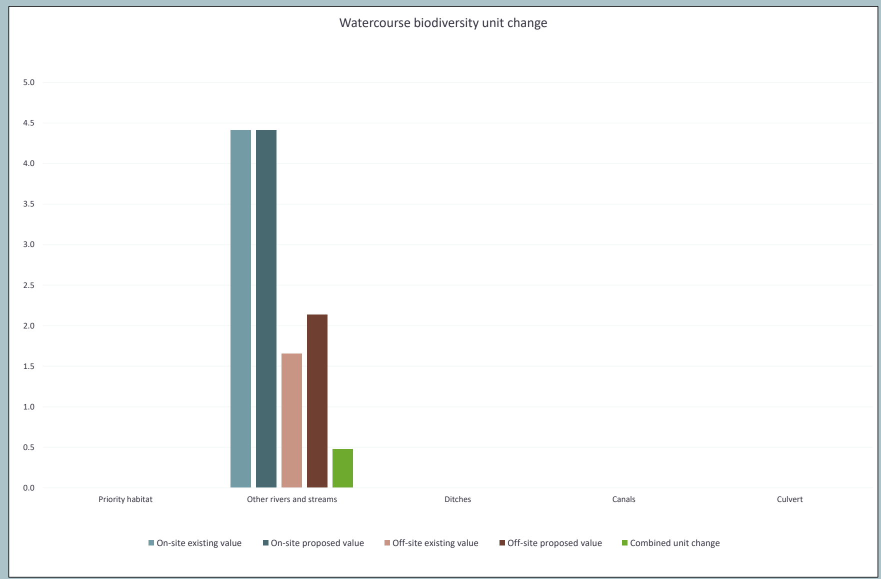
Combined length lost from baseline(s) by distinctiveness band		
Category	**Length lost (km)**	**Length lost (%)**
V.High	0	
High	0	
Medium	0	
Low	0	

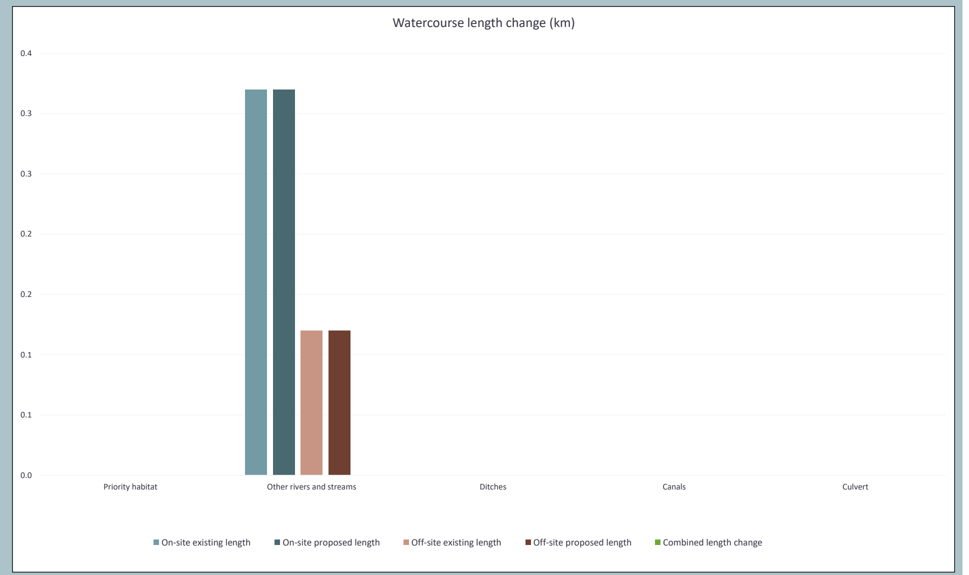






Off-site change by watercourse type						
	Baseline		**Post development off-site**		**Off-site Change**	
Watercourse type	Off-site existing length	Off-site existing value	Off-site proposed length	Off-site proposed value	Off-site length change	Off-site unit change
Priority habitat	0.0	0.0	0.0	0.0	0.0	0.0
Other rivers and streams	0.1	1.7	0.1	2.1	0.0	0.5
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						
	Baseline		**Post-development on-site**		**On-site change**	
Watercourse type	Combined existing length	Combined existing value	Combined proposed length	Combined proposed value	Combined length change	Combined unit change
Priority habitat	0.0	0.0	0.0	0.0	0.0	0.0
Other rivers and streams	0.4	6.1	0.4	6.6	0.0	0.5
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

Watercourses

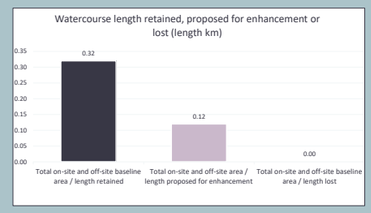
Watercourses

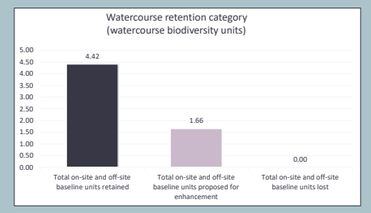
On-site change by watercourse type

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 length change	On-site unit change
Priority habitat	0.0	0.0	0.0	0.0	0.0	0.0
Other rivers and streams	0.3	4.4	0.3	4.4	0.0	0.0
Ditches	0.0	0.0	0.0	0.0	0.0	0.0
Canals	0.0	0.0	0.0	0.0	0.0	0.0
Culvert	0.0	0.0	0.0	0.0	0.0	0.0

Combined length lost from baseline(s) by distinctiveness band

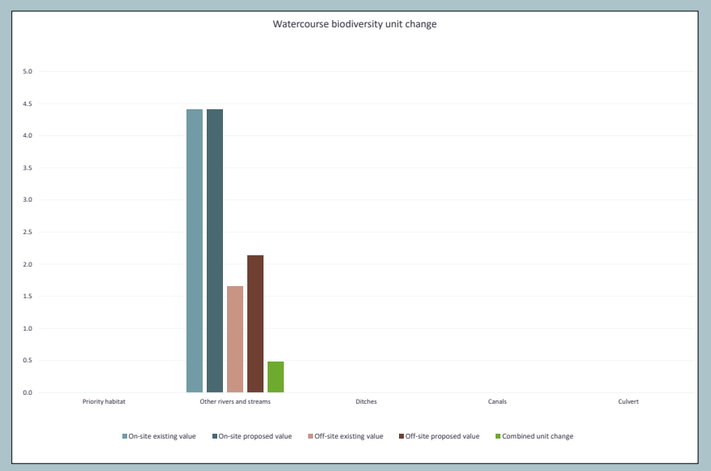
Category	Length lost (km)	Length lost (%)
V.High	0	
High	0	
Medium	0	
Low	0	

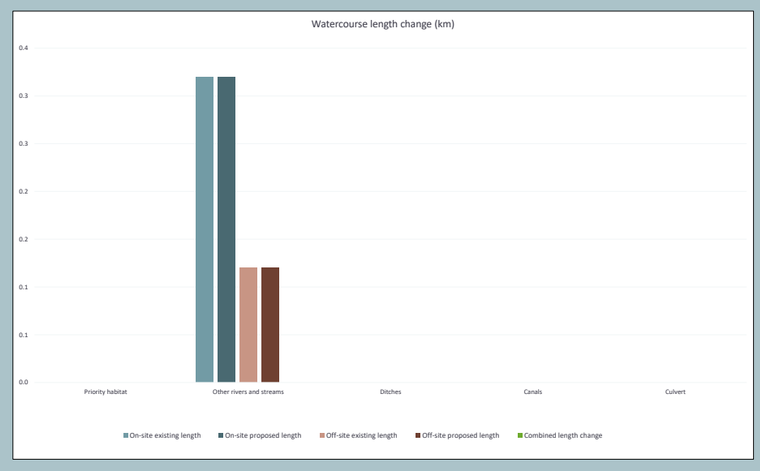




Off-site change by watercourse type

Watercourse type	Baseline		Post development off-site		Off-site Change	
	Off-site existing length	Off-site existing value	Off-site proposed length	Off-site proposed value	Off-site length change	Off-site unit change
Priority habitat	0.0	0.0	0.0	0.0	0.0	0.0
Other rivers and streams	0.1	1.7	0.1	2.1	0.0	0.5
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 length change	Combined unit change
Priority habitat	0.0	0.0	0.0	0.0	0.0	0.0
Other rivers and streams	0.4	6.1	0.4	6.6	0.0	0.5
Ditches	0.0	0.0	0.0	0.0	0.0	0.0
Canals	0.0	0.0	0.0	0.0	0.0	0.0
Culvert	0.0	0.0	0.0	0.0	0.0	0.0

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Trading summary hedgerows

Trading summary watercourses

Trading Summary

Distinctiveness Group	Trading Rule	Trading Satisfied?
Very High	Same habitat required – bespoke compensation option ⚠	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 CFGM	Grassland	0.00	0.00	0.00	
Grassland - Lowland calcareous grassland	Grassland	0.00	0.00	0.00	
Grassland - Tall herb communities (H6430)	Grassland	0.00	0.00	0.00	
Grassland - Upland calcareous grassland	Grassland	0.00	0.00	0.00	
Heathland and shrub - Lowland Heathland	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Dunes with sea buckthorn (H2160)	Heathland and shrub	0.00	0.00	0.00	
Heathland and shrub - Upland heathland	Heathland and shrub	0.00	0.00	0.00	
Lakes - High alkalinity lakes	Lakes	0.00	0.00	0.00	
Lakes - Low alkalinity lakes	Lakes	0.00	0.00	0.00	
Lakes - Marl lakes	Lakes	0.00	0.00	0.00	
Lakes - Moderate alkalinity lakes	Lakes	0.00	0.00	0.00	
Lakes - Peat lakes	Lakes	0.00	0.00	0.00	
Lakes - Ponds (priority habitat)	Lakes	0.00	0.00	0.00	
Lakes - Temporary lakes ponds and pools (H3170)	Lakes	0.00	0.00	0.00	
Sparsely vegetated land - Coastal sand dunes	Sparsely vegetated land	0.00	0.00	0.00	
Sparsely vegetated land - Coastal vegetated shingle	Sparsely vegetated land	0.00	0.00	0.00	
Sparsely vegetated land - 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	
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	
		0.00	0.00	0.00	0.00

High Distinctiveness Summary

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

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	0.00
Cropland - Arable field margins game bird mix	Cropland	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	0.00
Grassland - Other neutral grassland	Grassland	0.00	0.00	0.00	
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	3.86 ✓
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	3.86	3.86	
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	0.00
Individual trees - Rural tree	Individual trees	0.00	0.00	0.00	
Woodland and forest - Other Scot's pine woodland	Woodland and forest	0.00	0.00	0.00	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	
Intertidal sediment - Littoral coarse sediment	Intertidal sediment	0.00	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	3.86	3.86	

Medium Distinctiveness Summary

Medium Distinctiveness Units available to offset Lower Distinctiveness Deficit	3.86 ✓
Medium Distinctiveness Broad Habitat losses to be offset by trading up	0.00
Higher Distinctiveness Surplus Units minus Medium Distinctiveness Broad Habitat Deficit	0.00
Cumulative surplus of units	3.86 ✓

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	-0.14	-1.00	-1.14 ⚠
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	-0.04	0.00	-0.04 ⚠
Sparsely vegetated land - Tall forbs	Sparsely vegetated land	0.00	0.00	0.00
Urban - Bioswale	Urban	0.00	0.00	0.00
Urban - Bare ground	Urban	0.00	0.00	0.00
Urban - Allotments	Urban	0.00	0.00	0.00
Urban - Facade-bound green wall	Urban	0.00	0.00	0.00
Urban - Ground based green wall	Urban	0.00	0.00	0.00
Urban - Ground level planters	Urban	0.00	0.00	0.00
Urban - Other green roof	Urban	0.00	0.00	0.00
Urban - Intensive green roof	Urban	0.00	0.00	0.00
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	0.00	0.00	0.00
Urban - Vegetated garden	Urban	0.00	0.00	0.00
Woodland and forest - Other coniferous woodland	Woodland and forest	0.00	0.00	0.00
Coastal saltmarsh - Artificial saltmarshes and saline reedbeds	Coastal saltmarsh	0.00	0.00	0.00
Intertidal sediment - Artificial littoral coarse sediment	Intertidal sediment	0.00	0.00	0.00
Intertidal sediment - Artificial littoral mud	Intertidal sediment	0.00	0.00	0.00
Intertidal sediment - Artificial littoral sand	Intertidal sediment	0.00	0.00	0.00
Intertidal sediment - Artificial littoral muddy sand	Intertidal sediment	0.00	0.00	0.00
Intertidal sediment - Artificial littoral mixed sediments	Intertidal sediment	0.00	0.00	0.00
Intertidal sediment - Artificial littoral seagrass	Intertidal sediment	0.00	0.00	0.00
Intertidal sediment - Artificial littoral biogenic reefs	Intertidal sediment	0.00	0.00	0.00
Intertidal hard structures - Artificial hard structures	Intertidal hard structures	0.00	0.00	0.00
Intertidal hard structures - Artificial features of hard structures	Intertidal hard structures	0.00	0.00	0.00
Heathland and shrub - Other sea buckthorn scrub	Heathland and shrub	0.00	0.00	0.00
		-0.18	-1.00	-1.18

Low Distinctiveness Summary

Low Distinctiveness net change in units	-1.18	⚠
Cumulative surplus of units	2.68	✓

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Trading summary area habitats

Trading summary watercourses

Trading Summary

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

Very High Distinctiveness

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

Very High Distinctiveness Summary

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

High Distinctiveness

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

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

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	-0.99	1.10	0.11	✓
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	
	-0.99	1.10	0.11	

Medium Distinctiveness Summary

Units available from higher distinctiveness habitats	0.00	
Medium Distinctiveness net change in units	0.11	✓
Cumulative availability of units	0.11	✓

Low Distinctiveness

Habitat group	On-site unit change	Off-site unit change	Project wide unit change
Native hedgerow	0.00	0.00	0.00
Line of trees	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

Low Distinctiveness Summary

Low Distinctiveness net change in units	0.00	
Cumulative availability of units	0.11	✓

Very Low Distinctiveness

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

Very Low Distinctiveness Summary

Very Low Distinctiveness net change in units	0.00	
Cumulative availability of units	0.11	✓

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Trading summary area habitats

Trading summary hedgerows

Trading Summary

Distinctiveness Group	Trading Rule	Trading Satisfied?
Very High	Same habitat required – bespoke compensation option ⚠	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

Very High Distinctiveness Summary

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

High Distinctiveness

Habitat group	On-site unit change	Off-site unit change	Project-wide unit change
Other rivers and streams	0.00	0.48	0.48 ✓
	0.00	0.48	0.48

High Distinctiveness Summary

High Distinctiveness Units available to offset lower distinctiveness deficit	0.48 ✓
Remaining losses; Like for like not satisfied	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

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

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

Low Distinctiveness Summary

Low Distinctiveness net change in units	0.00
Cumulative availability of units	0.48 ✓

Summary of sites providing area habitat unit gains						
Gain site reference	Off-site units baseline	Off-site units retained	Off-site units enhanced	Off-site units created	Off-site unit change per gain site (pre-SRM)	Off-site unit change per gain site (post-SRM)
1	1.00	0.00	3.86	0.00	2.86	2.86

Summary of sites providing hedgerow unit gains						
Gain site reference	Off-site units baseline	Off-site units retained	Off-site units enhanced	Off-site units created	Off-site unit change per gain site (pre-SRM)	Off-site unit change per gain site (post-SRM)
1	0.00	0.00	0.00	1.10	1.10	1.10

Summary of sites providing watercourse unit gains						
Gain site reference	Off-site units baseline	Off-site units retained	Off-site units enhanced	Off-site units created	Off-site unit change per gain site (pre-SRM)	Off-site unit change per gain site (post-SRM)
1	1.66	0.00	2.14	0.00	0.48	0.48

Project Name: Heathrow Easterly Alternation Infastructure	Map Reference:
A-1 On-Site Habitat Baseline	

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Main Menu

Area habitat summary	
Total Net Unit Change	2.68
Total Net % Change	12.27%
Trading Rules Satisfied	Yes ✓

Please ensure the watercourse details for any watercourse footprints recorded are included in the watercourse tabe ⚠

	Existing area habitats				Distinctiveness		Condition		Strategic significance			Required Action to Meet Trading Rules	Ecological baseline						Bespoke compensation agreed for losses of VHDH or irreplaceable habitat	Comments		
Ref	Broad Habitat	Habitat Type	Irreplaceable habitat	Area (hectares)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier		Total habitat units	Area retained	Area enhanced	Baseline units retained	Baseline units enhanced	Area habitat lost	Units lost		User comments	Planning authority comments	Habitat reference number
1																							
2																							
3	Urban	Developed land; sealed surface	No	7.64	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	7.64	0	0.00	0.00	0.00	0.00		Central taxiway RLB hardstanding - areas of redundant hardstanding will be replaced with grassland. Assumed that replacement grassland would be the same habitat and type as existing grassland on site and managed in the same way.		
4	Grassland	Modified grassland	No	10.04	Low	2	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same distinctiveness or better habitat required ≥	20.08	6.08	0	12.16	0.00	3.96	7.92		Grassed areas - approx 4ha to be replaced with new pavement (3.51ha) and working areas (0.46ha - longer than 2 years so considered permanent loss). Assumed no re-instatement at this stage due to uncertainty of long-term management and potential changes through other projects for airfield habitats		
5	Urban	Developed land; sealed surface	No	1.36	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	0	0	0.00	0.00	1.36	0.00				
6	Urban	Developed land; sealed surface	No	2.52	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	0	0	0.00	0.00	2.52	0.00		Southern runway hardstanding area - due to be replaces with grassland to accourt for increased area of hardstanding elsewhere. Assumed that replacement grassland would be the same habitat and type as existing grassland on site and managed in the same way.		
7																							
8	Sparsely vegetated land	Ruderal/Ephemeral	No	0.01	Low	2	Moderate	2	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same distinctiveness or better habitat required ≥	0.04	0	0	0.00	0.00	0.01	0.04		Ruderal-ephemeral, assumed to be lost based on noise barrier plan		
9	Watercourse footprint	Watercourse footprint	No	0.11	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	0.11	0	0.00	0.00	0.00	0.00		Section of Duke of Northumberlands' river adjacent to the noise barrier works. See Tab C-1 for baseline information		
10	Urban	Artificial unvegetated, unsealed surface	No	0.01	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	0	0	0.00	0.00	0.01	0.00		Area of gravel/compacted aggregate south of 4m wide access, assumed to be lost		
11	Grassland	Modified grassland	No	0.02	Low	2	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same distinctiveness or better habitat required ≥	0.04	0	0	0.00	0.00	0.02	0.04		Small strip of grassland south of 4m wide access, assumed to be lost		
12	Woodland and forest	Other woodland; broadleaved	No	0.19	Medium	4	Moderate	2	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	Same broad habitat or a higher distinctiveness habitat required (H)	1.67	0.19	0	1.67	0.00	0.00	0.00		Strip of woodland adjacent to woodland - assumed to be retained based on arb drawing 62282558-TRPP-050		
13	Urban	Developed land; sealed surface	No	0.45	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	0.45	0	0.00	0.00	0.00	0.00		Hardstanding road/car park		
14																							
		Total habitat area		22.35									21.83	14.47	0.00	13.83	0.00	7.88	8.00				
		Site Area (Excluding area of individual trees, green walls, intertidal hard structures)		22.35																			

Total area lost (excluding area of individual trees, green walls and intertidal hard structures)	7.88

M² to hectares conversion tool:	Select a unit	Hectares	M²

Project Name: Heathrow Easterly Alternation Infastructure   Map Reference:

A-2 On-Site Habitat Creation

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Area habitat summary	
Total Net Unit Change	2.68
Total Net % Change	12.27%
Trading Rules Satisfied	Yes ✓
Area Check	Area Acceptable ✓

Post intervention habitats

				Distinctiveness		Condition		Strategic significance		
Ref	Broad Habitat	Proposed habitat	Area (hectares)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier
1	Grassland	Modified grassland	1.36	Low	2	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1
2	Grassland	Modified grassland	2.52	Low	2	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1
3	Grassland	Modified grassland	0.47	Low	2	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1
4	Urban	Developed land; sealed surface	3.53	V.Low	0	N/A - Other	0	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1
5										
		Total habitat area	7.88							

	Temporal multiplier						Difficulty multipliers				
Ref	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	Habitat units delivered
1	1		2	Check details- Delay in starting habitat in required condition? ⚠	3	0.899	Low	Standard difficulty applied	Low	1	2.44
2	1		2	Check details- Delay in starting habitat in required condition? ⚠	3	0.899	Low	Standard difficulty applied	Low	1	4.53
3	1		2	Check details- Delay in starting habitat in required condition? ⚠	3	0.899	Low	Standard difficulty applied	Low	1	0.84
4	0	0	0	Standard time to target condition applied	0	1.000	Low	Standard difficulty applied	Low	1	0.00
5											
										Total Units	7.82

	Comments		
Ref	User comments	Planning authority comments	Habitat reference number
1	Areas of grassland created on airfield to replace redundant hard standing on northern runway		
2	Areas of grassland created on airfield to replace redundant hard standing on Southern runway		
3	Area of grassland reinstated in working compound following completion of the construction works.		
4	New pavement		
5			

Site Area (Excluding area of individual trees, green walls, intertidal hard structures)	7.88

M² to hectares conversion tool:	Select a unit	Hectares	M²

Project Name: Heathrow Easterly Alternation Infastructure Map Reference:

D-1 Off-Site Habitat Baseline

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Main Menu

Area habitat summary	
Total Net Unit Change	2.68
Total Net % Change	19.37%
Trading Rules Satisfied	Yes ✓

	Existing area habitats				Distinctiveness		Condition		Strategic significance			Required Action to Meet Trading Rules	Spatial risk multiplier	Ecological baseline						Bespoke compensation agreed for losses of VHDH or irreplaceable habitat	Comments			
Ref	Broad habitat	Habitat type	Irreplaceable habitat	Area (hectares)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier		Spatial risk category	Total habitat units	Area retained	Area enhanced	Baseline units retained	Baseline units enhanced	Area lost	Units lost		User comments	Planning authority comments	Habitat reference	Off-site reference
1	Grassland	Modified grassland	No	0.5	Low	2	Poor	1	Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1	Same distinctiveness or better habitat required ≥	Compensation inside LPA boundary or NCA of impact site	1.00		0.5	0.00	1.00	0.00	0.00					1
2																									
		Total habitat area		0.50										1.00	0.00	0.50	0.00	1.00	0.00	0.00					

Site Area (Excluding area of individual trees, green walls, interstitial hard structures)	0.50	Total area lost (excluding area of individual trees, green walls and interstitial hard structures)	0.00

M² to hectares conversion tool:	Select a unit	Hectares	M²

Project Name: Heathrow Easterly Alternation Infastructure   Map Reference:

D-3 Off-Site Habitat Enhancment

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Area habitat summary	
Total Net Unit Change	2.68
Total Net % Change	12.27%
Trading Rules Satisfied	Yes ✓

Change in broad habitat type detected. Check compliance with guidance.

Baseline habitats

Baseline ref	Baseline habitat	Total habitat area (hectares)	Baseline distinctiveness band	Baseline distinctiveness score	Baseline condition category	Baseline condition score	Baseline strategic significance category	Baseline strategic significance score	Baseline habitat units	Required Action to Meet Trading Rules
1	Grassland - Modified grassland	0.5	Low	2	Poor	1	Low Strategic Significance	1	1	Same distinctiveness or better habitat required ≥

Post intervention habitats

Baseline ref	Proposed Habitat (Broad habitat pre-populated but can be overridden): Proposed Broad Habitat	Proposed Habitat	Change in distinctiveness and condition: Distinctiveness change	Condition change	Area (hectares)	Distinctiveness	Score	Condition	Score
1	Heathland and shrub	Mixed scrub	Low - Medium	Lower Distinctiveness Habitat - Moderate	0.5	Medium	4	Moderate	2
				Total habitat area	0.50				

Baseline ref	Strategic significance: Strategic significance	Strategic significance	Strategic significance multiplier	Temporal multiplier: Standard time to target condition (years)	Habitat enhanced in advance (years)	Delay in starting habitat enhancement (years)	Standard or adjusted time to target condition	Final time to target condition (years)	Final time to target multiplier
1	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	5	0	0	Standard time to target condition applied	5	0.837

Baseline ref	Difficulty multipliers: Difficulty of enhancement category	Applied difficulty multiplier	Difficulty	Difficulty multiplier applied	Spatial risk multiplier: Spatial risk category	Habitat units delivered	Comments: User comments	Planning authority comments	Habitat reference	Off-site reference
1	Low	Standard difficulty applied	Low	1	Compensation inside LPA boundary or NCA of impact site	3.86				1
						3.86				

Project Name: Heathrow Easterly Alternation Infastructure Map Reference:

B-1 On-Site Hedge Baseline

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Hedgerow summary	
Total Net Unit Change	0.11
Total Net % Change	10.54%
Trading Rules Satisfied	Yes ✓

	Existing hedgerow habitats			Distinctiveness		Condition		Strategic significance			Required Action to Meet Trading Rules	Ecological baseline
Ref	Hedge number	Habitat type	Length (km)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier		Total hedgerow units
1	H1	Native hedgerow with trees	0.12	Medium	4	Moderate	2	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	Same distinctiveness band or better	1.06
2												
			0.12									1.06

Length retained	Length enhanced	Units retained	Units enhanced	Length lost	Units lost	Comments: User comments	Comments: Planning authority comments	Comments: Habitat reference number
0.008	0	0.07	0.00	0.11	0.99	Hedgerow along north-east boundary		
0.01	0.00	0.07	0.00	0.11	0.99			

Project Name: Heathrow Easterly Alternation Infastructure Map Reference:

E-2 Off-Site Hedge Creation

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Main Menu

Hedgerow summary	
Total Net Unit Change	0.11
Total Net % Change	10.84%
Trading Rules Satisfied	Yes ✓

		Proposed habitats		Distinctiveness		Condition		Strategic significance			Spatial risk multiplier	Temporal multiplier						Difficulty risk multipliers				Hedge units delivered	Comments				
Ref	New hedge number	Habitat type	Length (km)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier	Spatial risk category	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	Off-site reference	Baseline ref
1	1	Native hedgerow with trees	0.178	Medium	4	Moderate	2	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1	Compensation inside LPA boundary or NCA of impact site	10	0	0	Standard time to target condition applied	10	0.700	Low	Standard difficulty applied	Low	1	1.10			1	1	1
2																											
			0.18																			1.10					

Project Name: Heathrow Easterly Alternation

E-3 Off-Site Hedge Enhancement

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Main Menu

Hedgerow summary	
Total Net Unit Change	0.08
Total Net % Change	10.71%
Trading Rules Satisfied	Yes ✓

	Baseline habitats										Post intervention habitats																								Comments			
											Proposed habitat	Change in distinctiveness and condition		Length (km)	Distinctiveness		Condition		Strategic significance			Temporal multiplier						Difficulty risk multipliers				Spatial risk multiplier	Hedge units delivered				
Baseline ref	Baseline habitat	Length (km)	Baseline distinctiveness band	Baseline distinctiveness score	Baseline condition category	Baseline condition score	Baseline strategic significance category	Baseline strategic significance score	Baseline habitat units	Required Action to Meet Trading Rules		Distinctiveness movement	Condition movement		Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier	Standard Time to target condition (years)	Habitat enhanced in advance (years)	Delay in starting habitat enhancement (years)	Standard or adjusted time to target condition	Final time to target condition (years)	Final Time to target multiplier	Standard difficulty of enhancement	Applied difficulty multiplier	Final difficulty of enhancement	Difficulty multiplier applied	Spatial risk category		User comments	Planning authority comments	Habitat reference	Off-site reference
											Native hedgerow with trees				Medium	4	Moderate	2	Location ecologically desirable but not in local strategy	Medium strategic significance	1.1		0	0			#N/A	Low		Low							1
														0.00																			0.00				

Project Name: Heathrow Easterly Alternation Infastructure
C-1 On-Site WaterC' Baseline

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Main Menu

Watercourse summary	
Total Net Unit Change	0.48
Total Net % Change	10.89%
Trading Rules Satisfied	Yes ✓

Existing watercourse type			Distinctiveness		Condition		Strategic significance			Watercourse encroachment		Riparian encroachment		Required Action to Meet Trading Rules	Ecological baseline						Bespoke compensation agreed for losses of VHDH	Comments		
Ref	Watercourse type	Length (km)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier	Extent of encroachment	Multiplier	Extent of encroachment for both banks	Multiplier		Total watercourse units	Length retained	Length enhanced	Units retained	Units enhanced	Length Lost	Units Lost		User Comments	Planning authority comments	Habitat reference number
1	Other rivers and streams	0.32	High	6	Moderate	2	Formally identified in local strategy	High strategic significance	1.15	No Encroachment	1	No Encroachment/ No Encroachment	1	Same habitat required =	4.42	0.32	0	4.42	0.00	0.00	0.00		r2b - other rivers and streams - Section of Duke of N River, assumed to be retained and not impacted by the noise barrier adjacent to watercourse		
2																									
		0.32													4.42	0.32	0.00	4.42	0.00	0.00	0.00				

Project Name: Heathrow Easterly Alternation Infastructure	Map
F-1 Off-Site WaterC' Baseline	

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Main Menu

Watercourse summary	
Total Net Unit Change	0.48
Total Net % Change	10.89%
Trading Rules Satisfied	Yes ✓

Existing watercourse type			Distinctiveness		Condition		Strategic significance			Watercourse encroachment		Riparian encroachment		Required Action to Meet Trading Rules	Spatial risk multiplier	Ecological baseline							Bespoke compensation agreed for losses of VHDH	Comments			
Ref	Watercourse type	Length (km)	Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier	Extent of encroachment	Multiplier	Extent of encroachment for both banks	Multiplier		Spatial risk category	Total watercourse units	Length retained	Length enhanced	Units retained	Units enhanced	Length lost	Units lost		User comments	Planning authority comments	Habitat reference	Off-site reference
1	Other rivers and streams	0.12	High	6	Moderate	2	Formally identified in local strategy	High strategic significance	1.15	No Encroachment	1	No Encroachment/ No Encroachment	1	Same habitat required =	Within waterbody catchment	1.66	0	0.12	0.00	1.66	0.00	0.00					1
2																											
		0.12														1.66	0.00	0.12	0.00	1.66	0.00	0.00					

Project Name: Heathrow Easterly Alternation Infastructure   Map Reference:

F-3 Off-Site WaterC Enhancement

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Watercourse summary	
Total Net Unit Change	0.48
Total Net % Change	10.89%
Trading Rules Satisfied	Yes ✓

	Baseline habitats										
Baseline ref	Baseline habitat	Length (km)	Baseline distinctiveness band	Baseline distinctiveness score	Baseline condition category	Baseline condition score	Baseline strategic significance category	Strategic significance	Baseline strategic significance score	Required Action to Meet Trading Rules	Baseline habitat units
1	Other rivers and streams	0.12	High	6	Moderate	2	Formally identified in local strategy	High strategic significance	1.15	Same habitat required =	1.656
		0.12									

	Post intervention habitats										
	Proposed habitat	Change in distinctiveness and condition		Length (km)	Habitat distinctiveness		Habitat condition		Strategic significance		
Baseline ref		Distinctiveness movement	Condition movement		Distinctiveness	Score	Condition	Score	Strategic significance	Strategic significance	Strategic significance multiplier
1	Other rivers and streams	High - High	Moderate - Good	0.12	High	6	Good	3	Formally identified in local strategy	High strategic significance	1.15
				0.12							

	Temporal multiplier						Difficulty multipliers				Watercourse encroachment		Riparian encroachment		Spatial risk multiplier	Watercourse units delivered	Comments			
Baseline ref	Standard Time to target condition (years)	Habitat enhanced in advance (years)	Delay in starting habitat enhancement (years)	Standard or adjusted time to target condition	Final time to target condition (years)	Final Time to target multiplier	Standard difficulty of enhancement	Applied difficulty multiplier	Final difficulty of enhancement	Difficulty multiplier applied	Extent of encroachment	Multiplier	Extent of encroachment for both banks	Multiplier	Spatial risk category		User comments	Planning authority comments	Habitat reference	Off-site reference
1	4	0	0	Standard time to target condition applied	4	0.867	Medium	Standard difficulty applied	Medium	0.67	No Encroachment	1	No Encroachment/ No Encroachment	1	Within waterbody catchment	2.14				1
																2.14				

Return to start

All Habitats Based on UKHab

Labelling column	Definitive UKHAB / EUNIS2007 Code	Level 1	Level 2 code	Level 2 Label	Level 3 code	Level 3 Label	Level 4 code	Level 4 Label	Distinctiveness Category	Distinctiveness Score	Trading Rules	Technical Difficulty Creation	Multiplier	Technical Difficulty Enhancement	Multiplier	Basic Description	Condition Assessment Notes	Irreplaceable
Cropland - Arable field margins cultivated annually	c1a7	Terrestrial		Cropland	c1	Arable and horticulture	c1a	Arable field margins	Medium	4	Same broad habitat or a higher distinctiveness habitat required (2)	Low	1	Low	1			No
Cropland - Arable field margins game bird mix	c1a6	Terrestrial		Cropland	c1	Arable and horticulture	c1a	Arable field margins	Medium	4	Same broad habitat or a higher distinctiveness habitat required (2)	Low	1	Low	1			No
Cropland - Arable field margins pollen and nectar	c1a6	Terrestrial		Cropland	c1	Arable and horticulture	c1a	Arable field margins	Medium	4	Same broad habitat or a higher distinctiveness habitat required (2)	Low	1	Low	1			No
Cropland - Arable field margins tussocky	c1a5	Terrestrial		Cropland	c1	Arable and horticulture	c1a	Arable field margins	Medium	4	Same broad habitat or a higher distinctiveness habitat required (2)	Low	1	Low	1			No
Cropland - Cereal crops	c1c	Terrestrial	c	Cropland	c1	Arable and horticulture	c1c	Cereal crops	Low	2	Same distinctiveness or better habitat required ≥	Low	1	Low	1			No
Cropland - Winter stubbles	c1c5	Terrestrial		Cropland	c1	Arable and horticulture	c1c	Cereal crops	Low	2	Same distinctiveness or better habitat required ≥	Low	1	Low	1			No
Cropland - Horticulture	c1f	Terrestrial		Cropland	c1	Arable and horticulture	c1f	Horticulture	Low	2	Same distinctiveness or better habitat required ≥	Low	1	Low	1			No
Cropland - Intensive orchards	c1e	Terrestrial		Cropland	c1	Arable and horticulture	c1e	Intensive orchards	Low	2	Same distinctiveness or better habitat required ≥	Low	1	Low	1			No
Cropland - Non-cereal crops	c1d	Terrestrial		Cropland	c1	Arable and horticulture	c1d	Non-cereal crops	Low	3	Same distinctiveness or better habitat required ≥	Low	1	Low	1			No
Cropland - Temporary grass and clover leys	c1b	Terrestrial		Cropland	c1	Arable and horticulture	c1b	Temporary grass and clover leys	Low	2	Same distinctiveness or better habitat required ≥	Low	1	Low	1			No
Grassland - Traditional orchards	g7	Terrestrial		Woodlands and Trees		Traditional orchards		Traditional orchards	High	6	Same habitat required =	Low	1	Medium	0.67			No
Grassland - Bracken	g1c	Terrestrial	g	Grassland	g1	Acid grassland	g1c	Bracken	Low	2	Same distinctiveness or better habitat required ≥	Low	1	Low	1			No
Grassland - Floodplain wetland mosaic and CFGM	NE20011	Terrestrial				Floodplain Wetland Mosaic		Floodplain Wetland Mosaic	High	6	Same habitat required =	High	0.33	Medium	0.67			No
Grassland - Lowland calcareous grassland	g2a	Terrestrial	g	Grassland	g2	Calcareous grassland	g2a	**Lowland calcareous grassland**	High	6	Same habitat required =	High	0.33	High	0.33			No
Grassland - Lowland dry acid grassland	g1a	Terrestrial	g	Grassland	g1	Acid grassland	g1a	**Lowland dry acid grassland**	V.High	8	Same habitat required - bespoke compensation option ⚠	High	0.33	High	0.33			No
Grassland - Lowland meadows	g3a	Terrestrial	g	Grassland	g3	Neutral grassland	g3a	**Lowland meadows**	V.High	8	Same habitat required - bespoke compensation option ⚠	High	0.33	Medium	0.67			No
Grassland - Modified grassland	g4	Terrestrial	g	Grassland	g4	Modified grassland	Carried forward	Modified grassland	Low	2	Same distinctiveness or better habitat required ≥	Low	1	Low	1			No
Grassland - Other lowland acid grassland	g1d	Terrestrial	g	Grassland	g1	Acid grassland	g1d	Other lowland acid grassland	Medium	4	Same broad habitat or a higher distinctiveness habitat required (2)	Low	1	Low	1			No
Grassland - Other neutral grassland	g3c	Terrestrial	g	Grassland	g3	Neutral grassland	g3c	Other neutral grassland	Medium	4	Same broad habitat or a higher distinctiveness habitat required (2)	Low	1	Low	1			No
Grassland - Tall herb communities (H6430)	s1a0	Terrestrial	s	Sparsely vegetated land	s1	Inland rock		Tall herb communities	High	6	Same habitat required =	High	0.33	High	0.33			No
Grassland - Upland acid grassland	g1b	Terrestrial	g	Grassland	g1	Acid grassland	g1b	**Upland acid grassland**	Medium	4	Same broad habitat or a higher distinctiveness habitat required (2)	Low	1	Low	1			No
Grassland - Upland calcareous grassland	g2b	Terrestrial	g	Grassland	g2	Calcareous grassland	g2b	**Upland calcareous grassland**	High	6	Same habitat required =	High	0.33	High	0.33			No
Grassland - Upland hay meadows	g3b	Terrestrial	g	Grassland	g3	Neutral grassland	g3b	**Upland hay meadows**	V.High	8	Same habitat required - bespoke compensation option ⚠	High	0.33	Medium	0.67			No
Heathland and shrub - Blackthorn scrub	h3a	Terrestrial		Heathland and shrub	h3	Dense scrub	h3a	Blackthorn scrub	Medium	4	Same broad habitat or a higher distinctiveness habitat required (2)	Low	1	Low	1			No
Heathland and shrub - Bramble scrub	h3d	Terrestrial		Heathland and shrub	h3	Dense scrub	h3d	Bramble scrub	Medium	4	Same broad habitat or a higher distinctiveness habitat required (2)	Low	1	Low	1			No
Heathland and shrub - Gorse scrub	h3e	Terrestrial		Heathland and shrub	h3	Dense scrub	h3e	Gorse scrub	Medium	4	Same broad habitat or a higher distinctiveness habitat required (2)	Low	1	Low	1			No
Heathland and shrub - Hawthorn scrub	h3f	Terrestrial		Heathland and shrub	h3	Dense scrub	h3f	Hawthorn scrub	Medium	4	Same broad habitat or a higher distinctiveness habitat required (2)	Low	1	Low	1			No
Heathland and shrub - Hazel scrub	h3b	Terrestrial		Heathland and shrub	h3	Dense scrub	h3b	Hazel scrub	Medium	4	Same broad habitat or a higher distinctiveness habitat required (2)	Medium	0.67	Low	1			No
Heathland and shrub - Lowland heathland	h1a	Terrestrial		Heathland and shrub	h1	Dwarf shrub heath	h1a	**Lowland Heathland**	High	6	Same habitat required =	High	0.33	Medium	0.67			No
Heathland and shrub - Mixed scrub	h3h	Terrestrial	h	Heathland and shrub	h3	Dense scrub	h3h	Mixed scrub	Medium	4	Same broad habitat or a higher distinctiveness habitat required (2)	Low	1	Low	1			No
Heathland and shrub - Mountain heaths and willow scrub	h1c	Terrestrial		Heathland and shrub	h1	Dwarf shrub heath	h1c	**Mountain heaths and willow scrub**	V.High	8	Same habitat required - bespoke compensation option ⚠	High	0.33	High	0.33			No
Heathland and shrub - Rhododendron scrub	h3g	Terrestrial		Heathland and shrub	h3	Dense scrub	h3g	Rhododendron scrub	Low	2	Same distinctiveness or better habitat required ≥	Low	1	Low	1			No
Heathland and shrub - Dunes with sea buckthorn (H2160)	h3c5	Terrestrial		Heathland and shrub	h3	Dense scrub	h3c	Sea buckthorn scrub	High	6	Same habitat required =	Medium	0.67	Low	1			No
Heathland and shrub - Other sea buckthorn scrub	h3c6	Terrestrial		Heathland and shrub	h3	Dense scrub	h3c	Other Sea buckthorn scrub	Low	2	Same distinctiveness or better habitat required ≥	Low	1	Low	1			No
Heathland and shrub - Willow scrub	h3i	Terrestrial		Heathland and shrub	h3	Dense scrub	h3i	Willow scrub	Medium	4	Same broad habitat or a higher distinctiveness habitat required (2)	Medium	0.67	Low	1			No
Heathland and shrub - Upland heathland	h1b	Terrestrial		Heathland and shrub	h1	Dwarf shrub heath	h1b	**Upland Heathland**	High	6	Same habitat required =	Medium	0.67	Medium	0.67			No
Lakes - Aquifer fed naturally fluctuating water bodies	r1d	Freshwater	r	Rivers and lakes	r1	Standing open water and canals	r1d	**Aquifer fed naturally fluctuating water bodies**	V.High	8	Same habitat required - bespoke compensation option ⚠	Very High	0.1	High	0.33			No
Lakes - Ornamental lake or pond	u6	Terrestrial		Freshwater		Built-up areas and gardens		Ornamental lake or pond	Low	2	Same distinctiveness or better habitat required ≥	Low	1	High	0.33			No
Lakes - High alkalinity lakes	NE20001	Freshwater							High	6	Same habitat required =	High	0.33	High	0.33			No
Lakes - Low alkalinity lakes	NE20002	Freshwater							High	6	Same habitat required =	High	0.33	Medium	0.67			No
Lakes - Marl lakes	NE20003	Freshwater							High	6	Same habitat required =	High	0.33	High	0.33			No
Lakes - Moderate alkalinity lakes	NE20004	Freshwater							High	6	Same habitat required =	High	0.33	High	0.33			No
Lakes - Peat lakes	NE20005	Freshwater							High	6	Same habitat required =	High	0.33	High	0.33			No
Lakes - Ponds (priority habitat)	NE20006	Freshwater							High	6	Same habitat required =	Medium	0.67	Medium	0.67			No
Lakes - Ponds (non-priority habitat)	r1	Freshwater		Freshwater					Medium	4	Same broad habitat or a higher distinctiveness habitat required (2)	Low	1	Medium	0.67			No
Lakes - Reservoirs	r1	Freshwater		Freshwater					Medium	4	Same broad habitat or a higher distinctiveness habitat required (2)	Medium	0.67	Medium	0.67			No
Lakes - Temporary lakes ponds and pools (H3170)	NE20013	Freshwater							High	6	Same habitat required =	Medium	0.67	Medium	0.67			No
Sparsely vegetated land - Calaminarian grasslands	s1c	Freshwater	s	Sparsely vegetated land		Inland rock		**Calaminarian grasslands**	V.High	8	Same habitat required - bespoke compensation option ⚠	Very High	0.1	Medium	0.67			No
Sparsely vegetated land - Coastal sand dunes	s3a	Terrestrial	s	Sparsely vegetated land		Supralittoral Sediment			High	6	Same habitat required =	Very High	0.1	Medium	0.67			Yes
Sparsely vegetated land - Coastal vegetated shingle	s3b	Terrestrial	s	Sparsely vegetated land		Supralittoral Sediment	s3c		High	6	Same habitat required =	Very High	0.1	Medium	0.67			No
Sparsely vegetated land - Ephemeral/Ephemeral	t1	Terrestrial		Built environment				Ephemeral	Low	2	Same distinctiveness or better habitat required ≥	Low	1	Medium	0.67			No
Sparsely vegetated land - Tall forbs	t4	Terrestrial		Grasslands and heathlands				Ephemeral	Low	2	Same distinctiveness or better habitat required ≥	Low	1	Medium	0.67			No
Sparsely vegetated land - Inland rock outcrop and scree habitats	s1a	Terrestrial	s	Sparsely vegetated land	s1	Inland rock	s1a	**Inland rock outcrop and scree habitats**	High	6	Same habitat required =	High	0.33	Low	1			No
Sparsely vegetated land - Limestone pavement	s1b	Terrestrial	s	Sparsely vegetated land		Inland rock	s1b	**Limestone pavement**	V.High	8	Same habitat required - bespoke compensation option ⚠	Very High	0.1	Medium	0.67			Yes
Sparsely vegetated land - Maritime cliff and slopes	s2a	Terrestrial	s	Sparsely vegetated land	s2	Supralittoral Rock	s2a	**Maritime cliff and slopes**	High	6	Same habitat required =	High	0.33	Medium	0.67			No
Sparsely vegetated land - Other inland rock and scree	s1d	Terrestrial	s	Sparsely vegetated land		Inland rock	s1d	Other inland rock and scree	Medium	4	Same broad habitat or a higher distinctiveness habitat required (2)	Medium	0.67	Medium	0.67			No
Urban - Allotments	u16	Terrestrial	u	Urban	u1	Built-up areas and gardens		Allotments	Low	2	Same distinctiveness or better habitat required ≥	Low	1	Low	1			No
Urban - Artificial unvegetated, unsealed surface	u1c	Terrestrial	u	Urban	u1	Built-up areas and gardens	u1c	Artificial unvegetated, unsealed surface	V.Low	0	Compensation Not Required	Low	1	Low	1			No
Urban - Bioswale	bi69	Terrestrial		Built environment		Built-up areas and gardens		Bioswale	Low	2	Same distinctiveness or better habitat required ≥	Medium	0.67	Low	1			No
Urban - Intensive green roof	88	Terrestrial		Built environment		Built-up areas and gardens			Low	2	Same distinctiveness or better habitat required ≥	Low	1	Low	1			No
Urban - Built linear features	u1e	Terrestrial	u	Urban	u1	Built-up areas and gardens	u1e	Built linear features	V.Low	0	Compensation Not Required	Low	1	Low	1			No
Urban - Cemeteries and churchyards	90	Terrestrial		Built environment		Built-up areas and gardens		Cemeteries and churchyards	Medium	4	Same broad habitat or a higher distinctiveness habitat required (2)	Medium	0.67	Low	1			No
Urban - Developed land; sealed surface	u1b	Terrestrial	u	Urban	u1	Built-up areas and gardens	u1b	Developed land; sealed surface	V.Low	0	Compensation Not Required	Low	1	Low	1			No
Urban - Other green roof	89	Terrestrial		Built environment		Built-up areas and gardens			Low	2	Same distinctiveness or better habitat required ≥	Low	1	Low	1			No
Urban - Facade-bound green wall	843	Terrestrial		Built environment		Built-up areas and gardens		Facade-bound green wall	Low	2	Same distinctiveness or better habitat required ≥	Low	0.67	Medium	0.67			No
Urban - Ground based green wall	842	Terrestrial		Built environment		Built-up areas and gardens		Ground based green wall	Low	2	Same distinctiveness or better habitat required ≥	Medium	0.67	Medium	0.67			No
Urban - Ground level planters	845	Terrestrial		Built environment		Built-up areas and gardens		Ground level planters	Low	2	Same distinctiveness or better habitat required ≥	Low	1	Low	1			No
Urban - Biodiverse green roof	87	Terrestrial		Built environment		Built-up areas and gardens		Intensive green roof	Medium	4	Same broad habitat or a higher distinctiveness habitat required (2)	Medium	0.67	Medium	0.67			No
Urban - Introduced shrub	847	Terrestrial		Built environment		Built-up areas and gardens		Introduced shrub	Low	2	Same distinctiveness or better habitat required ≥	Low	1	Low	1			No
Urban - Open mosaic habitats on previously developed land	80	Terrestrial		Built environment		Built-up areas and gardens	u1a	**Open Mosaic Habitats on Previously Developed Land**	High	6	Same habitat required =	Medium	0.67	Medium	0.67			No
Urban - Rain garden	850	Terrestrial		Built environment		Built-up areas and gardens		Rain garden	Low	2	Same distinctiveness or better habitat required ≥	Low	1	Low	1			No
Urban - Actively worked sand pit quarry or open cast mine	85	Terrestrial		Built environment		Built-up areas and gardens		Sand pit quarry or open cast mine	Low	2	Same distinctiveness or better habitat required ≥	Medium	0.67	Low	1			No
Urban - Sustainable drainage system	848	Terrestrial		Built environment		Built-up areas and gardens		Sustainable urban drainage feature	Low	2	Same distinctiveness or better habitat required ≥	Medium	0.67	Medium	0.67			No
Urban - Unvegetated garden	829	Terrestrial		Built environment		Built-up areas and gardens		Un-vegetated garden	V.Low	0	Compensation Not Required	Low	1	Low	1			No
Urban - Vacant or derelict land	83	Terrestrial		Built environment		Built-up areas and gardens		Vacant or derelict land	Low	2	Same distinctiveness or better habitat required ≥	Low	1	Low	1			No
Urban - Bare ground	810	Terrestrial		All habitats		Built-up areas and gardens		Bare ground	Low	2	Same distinctiveness or better habitat required ≥	Low	1	Low	1			No
Urban - Vegetated garden	828	Terrestrial		Built environment		Built-up areas and gardens		Vegetated garden	Low	2	Same distinctiveness or better habitat required ≥	Low	1	Low	1			No
Individual trees - Urban tree	NE20014	Terrestrial						Street Tree	Medium	4	Same broad habitat or a higher distinctiveness habitat required (2)	Low	1	Low	1			Yes/No
Individual trees - Rural tree	NE20016	Terrestrial							Medium	4	Same broad habitat or a higher distinctiveness habitat required (2)	Low	1	Low	1			Yes/No
Wetland - Blanket bog	f1a	Terrestrial	f	Wetland	f1	Bog	f1a	**Blanket bog**	V.High	8	Same habitat required - bespoke compensation option ⚠	Very High	0.1	High	0.33			Yes
Wetland - Depressions on peat substrates (H7150)	f6	Terrestrial	f	Wetland	f1	Bog		**Depressions on Peat substrates (H7150)**	V.High	8	Same habitat required - bespoke compensation option ⚠	Very High	0.1	High	0.33			No
Wetland - Fens (upland and lowland)	NE20020	Terrestrial				Fen marsh and swamp	f2a	**Lowland fens**	V.High	8	Same habitat required - bespoke compensation option ⚠	High	0.33	High	0.33			Yes/No
Wetland - Lowland raised bog	f1b	Terrestrial	f	Wetland	f1	Bog	f1b	**Lowland raised bog**	V.High	8	Same habitat required - bespoke compensation option ⚠	Very High	0.1	High	0.33			Yes/No
Wetland - Oceanic valley mire(f1/f06 1)	NE20010	Terrestrial				Fen marsh and swamp	f2f	Oceanic Valley Mire(f1/f06 1)	V.High	8	Same habitat required - bespoke compensation option ⚠	Very High	0.1	High	0.33			No
Wetland - Purple moor grass and rush pastures	f2b	Terrestrial	f	Wetland	f2	Fen marsh and swamp	f2b	**Purple moor grass and rush pastures**	V.High	8	Same habitat required - bespoke compensation option ⚠	High	0.33	High	0.33			No
Wetland - Reedbeds	f2e	Terrestrial	f	Wetland	f2	Fen marsh and swamp	f2e	**Reedbeds**	High	6	Same habitat required =	Medium	0.67	Medium	0.67			No
Wetland - Transition mires and quaking bogs (H7140)	NE20021	Terrestrial				Fen marsh and swamp	f2z8	Wetland - Transition mires and quaking bogs (H7140)	V.High	8	Same habitat required - bespoke compensation option ⚠	Very High	0.1	High	0.33			No
Woodland and forest - Felled	206	Terrestrial		Woodlands and Trees		Other woodland		Felled	High	6	Same habitat required =	High	0.33	Low	1			Yes/No
Woodland and forest - Lowland beech and yew woodland	w1c	Terrestrial	w	Woodland and forest	w1	Broadleaved mixed and yew woodland	w1c	**Lowland beech and yew woodland**	High	6	Same habitat required =	High	0.33	High	0.33			Yes/No
Woodland and forest - Lowland mixed deciduous woodland	w1f	Terrestrial	w	Woodland and forest	w1	Broadleaved mixed and yew woodland	w1f	**Lowland mixed deciduous woodland**	High	6	Same habitat required =	High	0.33	High	0.33			Yes/No
Woodland and forest - Native pine woodlands	w2a	Terrestrial	w	Woodland and forest	w2	Coniferous woodland	w2a	**Native pine woodlands**	High	6	Same habitat required =	High	0.33	High	0.33			Yes/No
Woodland and forest - Other coniferous woodland	w2c	Terrestrial	w	Woodland and forest	w2	Coniferous woodland	w2c	Other coniferous woodland	Low	2	Same distinctiveness or better habitat required ≥	Low	1	Low	1			Yes/No
Woodland and forest - Other Scot's pine woodland	w2b	Terrestrial	w	Woodland and forest	w2	Coniferous woodland	w2b	Other Scot's Pine woodland	Medium	4	Same broad habitat or a higher distinctiveness habitat required (2)	Medium	0.67	Medium	0.67			Yes/No
Woodland and forest - Other woodland; broadleaved	w1g	Terrestrial	w	Woodland and forest		Broadleaved mixed and yew woodland	w1g	Other woodland; broadleaved	Medium	4	Same broad habitat or a higher distinctiveness habitat required (2)	Low	1	Low	1			Yes/No
Woodland and forest - Other woodland; mixed	w1h	Terrestrial	w	Woodland and forest	w1	Broadleaved mixed and yew woodland	w1h	Other woodland; mixed	Medium	4	Same broad habitat or a higher distinctiveness habitat required (2)	Low	1	Low	1			Yes/No
Woodland and forest - Upland birchwoods	w1e	Terrestrial	w	Woodland and forest	w1	Broadleaved mixed and yew woodland	w1e	**Upland birchwoods**	High	6	Same habitat required =	Medium	0.67	Medium	0.67			Yes/No
Woodland and forest - Upland mixed ashwoods	w1h	Terrestrial	w	Woodland and forest	w1	Broadleaved mixed and yew woodland	w1h	**Upland mixed ashwoods**	High	6	Same habitat required =	High	0.33	High	0.33			Yes/No
Woodland and forest - Upland oakwood	w1a	Terrestrial	w	Woodland and forest	w1	Broadleaved mixed and yew woodland	w1a	**Upland oakwood**	High	6	Same habitat required =	High	0.33	High	0.33			Yes/No
Woodland and forest - Wet woodland	w1d	Terrestrial	w	Woodland and forest	w1	Broadleaved mixed and yew woodland	w1d	**Wet woodland**	High	6	Same habitat required =	Medium	0.67	Medium	0.67			Yes/No
Woodland and forest - Wood-pasture and parkland	26	Terrestrial	w	Woodlands and Trees		Other woodland		Wood-pasture and parkland	V.High	8	Same habitat required - bespoke compensation option ⚠	Very High	0.1	High	0.33			Yes/No
Woodland and forest - Felled	206	Terrestrial		Woodland and Trees		Other woodland		Felled	High	6	Same habitat required =	High	0.33	Low	1			Yes/No
Coastal lagoons - Coastal lagoons	w20	Intertidal	XG9G3	Coastal lagoons		Coastal lagoons		Coastal lagoons	High	6	Same habitat required =	Medium	0.67	Medium	0.67			No
Rocky shore - High energy littoral rock	a1.1	Intertidal	A1	Rocky shore		High energy littoral rock		High energy littoral rock	High	6	Same habitat required =	High	0.33	Medium	0.67			No
Rocky shore - High energy littoral rock - on peat, clay or chalk	A1.1	Intertidal	A1	Rocky shore		High energy littoral rock - on bedrock including chalk, peat or clay		High energy littoral rock - on bedrock including chalk, peat or clay	V.High	8	Same habitat required - bespoke compensation option ⚠	Very High	0.1	Medium	0.67			No
Rocky shore - Moderate energy littoral rock	A1.2	Intertidal	A1	Rocky shore		Moderate energy littoral rock		Moderate energy littoral rock	High	6	Same habitat required =	High	0.33	Medium	0.67			No
Rocky shore - Moderate energy littoral rock - on peat, clay or chalk	A1.2 PCC	Intertidal	A1	Rocky shore		Moderate energy littoral rock - on bedrock including chalk, peat or clay		Moderate energy littoral rock - on bedrock including chalk, peat or clay	V.High	8	Same habitat required - bespoke compensation option ⚠	Very High	0.1	Medium	0.67			No
Rocky shore - Low energy littoral rock	A1.3	Intertidal	A1	Rocky shore		Low energy littoral rock		Low energy littoral rock	High	6	Same habitat required =	High	0.33	Medium	0.67			No
Rocky shore - Low energy littoral rock - on peat, clay or chalk	A1.3 PCC	Intertidal	A1	Rocky shore		Low energy littoral rock - on bedrock including chalk, peat or clay		Low energy littoral rock - on bedrock including chalk, peat or clay	V.High	8	Same habitat required - bespoke compensation option ⚠	Very High	0.1	Medium	0.67			No
Rocky shore - Features of littoral rock	A1.4	Intertidal	A1	Rocky shore		Features of littoral rock		Features of littoral rock	High	6	Same habitat required =	High	0.33	Medium	0.67			No
Rocky shore - Features of littoral rock - on peat, clay or chalk	A1.PCC	Intertidal	A1	Rocky shore		Features of littoral rock - on bedrock including chalk, peat or clay		Features of littoral rock - on bedrock including chalk, peat or clay	V.High	8	Same habitat required - bespoke compensation option ⚠	Very High	0.1	Medium	0.67			No
Coastal saltmarsh - Saltmarshes and saline reedbeds	A2.5	Intertidal	A2	Coastal saltmarsh		Coastal saltmarshes and saline reedbeds		Coastal saltmarshes and saline reedbeds	High	6	Same habitat required =	High	0.33	Medium	0.67			Yes/No
Coastal saltmarsh - Artificial saltmarshes and saline reedbeds	ART_A2.5			Coastal saltmarsh		Artificial saltmarshes and saline reedbeds			Low	2	Same distinctiveness or better habitat required ≥	High	0.33	Medium	0.67			Yes/No
Intertidal sediment - Littoral coarse sediment	A2.1	Intertidal	A2	Intertidal sediment		Littoral coarse sediment		Littoral coarse sediment	Medium	4	Same broad habitat or a higher distinctiveness habitat required (2)	Medium	0.67	Medium	0.67			No
Intertidal sediment - Littoral mud	A2.3	Intertidal	A2	Intertidal sediment		Littoral mud		Littoral mud	High	6	Same habitat required =	High	0.33	Medium	0.67			No
Intertidal sediment - Littoral mixed sediments	A2.4	Intertidal	A2	Intertidal sediment		Littoral mixed sediments		Littoral mixed sediments	High	6	Same habitat required =	High	0.33	Medium	0.67			No
Intertidal sediment - Littoral seagrass	A2.6	Intertidal	A2	Intertidal sediment		Littoral sediments dominated by aquatic angiosperms		Littoral seagrass - on peat clay or chalk	High	6	Same habitat required =	High	0.33	High	0.33			No
Intertidal sediment - Littoral seagrass on peat, clay or chalk	A2.6 PCC	Intertidal	A2	Intertidal sediment		Littoral seagrass - on peat clay or chalk			V.High	8	Same habitat required - bespoke compensation option ⚠	Very High	0.1	High	0.33			No
Intertidal sediment - Littoral biogenic reefs - Mussels	A2.7 M			Intertidal sediment		Littoral biogenic reefs - Mussels		Littoral biogenic reefs - Mussels	High	6	Same habitat required =	High	0.33	Medium	0.67			No
Intertidal sediment - Littoral biogenic reefs - Sabellaria	A2.7 S			Intertidal sediment		Littoral biogenic reefs - Sabellaria		Littoral biogenic reefs - Sabellaria	High	6	Same habitat required =	High	0.33	Medium	0.67			No
Intertidal sediment - Features of littoral sediment	A2.8			Intertidal sediment		Features of littoral sediment		Features of littoral sediment	High	6	Same habitat required =	High	0.33	Medium	0.67			No
Intertidal sediment - Artificial littoral coarse sediment	ART_A2.1	Intertidal	A2	Intertidal sediment		Artificial littoral coarse sediment			Low	2	Same distinctiveness or better habitat required ≥	Medium	0.67	Medium	0.67			No
Intertidal sediment - Artificial littoral mud	ART_A2.3			Intertidal sediment		Artificial littoral mud			Low	2	Same distinctiveness or better habitat required ≥	High	0.33	Medium	0.67			No
Intertidal sediment - Artificial littoral sand	ART_A2.1\A2.2\A2.3			Intertidal sediment		Artificial littoral sand			Low	2	Same distinctiveness or better habitat required ≥	Medium	0.67	Medium	0.67			No
Intertidal sediment - Artificial littoral muddy sand	ART_A2.2\4	Intertidal	A2	Intertidal sediment		Artificial littoral mud			Low	2	Same distinctiveness or better habitat required ≥	High	0.33	Medium	0.67			No
Intertidal sediment - Artificial littoral mixed sediments	ART_A2.4	Intertidal	A2	Intertidal sediment		Artificial littoral mixed sediments			Low	2	Same distinctiveness or better habitat required ≥	High	0.33	Medium	0.67			No
Intertidal sediment - Artificial littoral seagrass	ART_A2.6	Intertidal	A2	Intertidal sediment		Artificial littoral seagrass			Low	2	Same distinctiveness or better habitat required ≥	High	0.33	High	0.33			No
Intertidal sediment - Artificial littoral biogenic reefs	ART_A2.7	Intertidal	A2	Intertidal sediment		Artificial littoral biogenic reefs			Low	2	Same distinctiveness or better habitat required ≥	High	0.33	Medium	0.67			No
Intertidal sediment - Littoral sand	A2.1\A2.2\A2.3	Intertidal		Intertidal sediment		Littoral sand			Medium	4	Same broad habitat or a higher distinctiveness habitat required (2)	Medium	0.67	Medium	0.67			No
Intertidal sediment - Littoral muddy sand	A2.34	Intertidal		Intertidal sediment		Littoral muddy sand			High	6	Same habitat required =	High	0.33	Medium	0.67			No
Intertidal hard structures - Artificial hard structures	ART_A1	Intertidal		Intertidal hard structures		Artificial hard structures			Low	2	Same distinctiveness or better habitat required ≥	Medium	0.67	Medium	0.67			No
Intertidal hard structures - Artificial features of hard structures	ART_A1.4	Intertidal		Intertidal hard structures		Artificial features of hard structures			Low	2	Same distinctiveness or better habitat required ≥	Medium	0.67	Medium	0.67			No
grey infrastructure (IGG3)	ART_A1_IGG3	Intertidal		Intertidal hard structures		Artificial hard structures with Integrated Greening of Grey Infrastructure (IGG3)			Medium	4	Same broad habitat or a higher distinctiveness habitat required (2)	Medium	0.67	Medium	0.67			No
Watercourse footprint - Watercourse footprint	NE20011	Freshwater							V.Low	0	Compensation Not Required	Low	1	Low	1	Artificial bypass or watercourse		No

Return To Start

All Habitats

1	2	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Habitat Description	**Group**	**Distinctiveness**	**Trading Notes**	**Existing area baseline on-site**	**Existing units baseline on-site**	**Existing area retained on-site**	**Existing units retained on-site**	**Existing area lost on-site**	**Existing units lost baseline on-site**	**Proposed area creation on-site post development**	**Proposed units creation on-site post development**	**Proposed area enhancement on-site post development**	**Proposed units enhancement on-site post development**	**Total proposed area on-site post development**	**Total proposed units on-site post development**	**Net area change on-site**	**Net unit change on-site**	**Existing area off-site**	**Existing units off-site**	**Retained area off-site**	**Retained units off-site**	**Proposed area creation off-site**	**Proposed units creation off-site**	**Proposed area enhancement off-site**	**Proposed units enhancement off-site**	**Total proposed area off-site**	**Total proposed units off-site**	**Off-site net area change**	**Off-site net unit change**	**Overall area change**	**Overall unit change**
Cropland - Arable field margins cultivated annually	Cropland	Medium	Same broad habitat or a higher distinctiveness habitat required (≥)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cropland - Arable field margins game bird mix	Cropland	Medium	Same broad habitat or a higher distinctiveness habitat required (≥)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cropland - Arable field margins pollen and nectar	Cropland	Medium	Same broad habitat or a higher distinctiveness habitat required (≥)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cropland - Arable field margins tussocky	Cropland	Medium	Same broad habitat or a higher distinctiveness habitat required (≥)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cropland - Cereal crops	Cropland	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cropland - Winter stubble	Cropland	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cropland - Horticulture	Cropland	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cropland - Intensive orchards	Cropland	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cropland - Non-cereal crops	Cropland	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cropland - Temporary grass and clover leys	Cropland	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grassland - Traditional orchards	Grassland	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grassland - Bracken	Grassland	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grassland - Floodplain wetland mosaic and CFGM	Grassland	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grassland - Lowland calcareous grassland	Grassland	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grassland - Lowland dry acid grassland	Grassland	V.High	Same habitat required – bespoke compensation option ⚠	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grassland - Lowland meadows	Grassland	V.High	Same habitat required – bespoke compensation option ⚠	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grassland - Modified grassland	Grassland	Low	Same distinctiveness or better habitat required ≥	10.06	20.12	6.08	12.16	3.98	7.96	4.35	7.82	0.00	0.00	10.43	19.98	0.37	-0.14	0.50	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-1.00	-0.13	-1.14
Grassland - Other lowland acid grassland	Grassland	Medium	Same broad habitat or a higher distinctiveness habitat required (≥)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grassland - Other neutral grassland	Grassland	Medium	Same broad habitat or a higher distinctiveness habitat required (≥)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grassland - Tall herb communities (H6430)	Grassland	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grassland - Upland acid grassland	Grassland	Medium	Same broad habitat or a higher distinctiveness habitat required (≥)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grassland - Upland calcareous grassland	Grassland	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grassland - Upland hay meadows	Grassland	V.High	Same habitat required – bespoke compensation option ⚠	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heathland and shrub - Blackthorn scrub	Heathland and shrub	Medium	Same broad habitat or a higher distinctiveness habitat required (≥)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heathland and shrub - Bramble scrub	Heathland and shrub	Medium	Same broad habitat or a higher distinctiveness habitat required (≥)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heathland and shrub - Gorse scrub	Heathland and shrub	Medium	Same broad habitat or a higher distinctiveness habitat required (≥)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heathland and shrub - Hawthorn scrub	Heathland and shrub	Medium	Same broad habitat or a higher distinctiveness habitat required (≥)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heathland and shrub - Hazel scrub	Heathland and shrub	Medium	Same broad habitat or a higher distinctiveness habitat required (≥)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heathland and shrub - Lowland heathland	Heathland and shrub	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heathland and shrub - Mixed scrub	Heathland and shrub	Medium	Same broad habitat or a higher distinctiveness habitat required (≥)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	3.86	0.50	3.86	0.50	3.86	0.50	3.86
Heathland and shrub - Mountain heaths and willow scrub	Heathland and shrub	V.High	Same habitat required – bespoke compensation option ⚠	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heathland and shrub - Rhododendron scrub	Heathland and shrub	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heathland and shrub - Dunes with sea buckthorn (H2160)	Heathland and shrub	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heathland and shrub - Other sea buckthorn scrub	Heathland and shrub	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heathland and shrub - Willow scrub	Heathland and shrub	Medium	Same broad habitat or a higher distinctiveness habitat required (≥)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Heathland and shrub - Upland heathland	Heathland and shrub	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lakes - Aquifer fed naturally fluctuating water bodies	Lakes	V.High	Same habitat required – bespoke compensation option ⚠	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lakes - Ornamental lake or pond	Lakes	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lakes - High alkalinity lakes	Lakes	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lakes - Low alkalinity lakes	Lakes	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lakes - Marl lakes	Lakes	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lakes - Moderate alkalinity lakes	Lakes	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lakes - Peat lakes	Lakes	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lakes - Ponds (priority habitat)	Lakes	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lakes - Ponds (non-priority habitat)	Lakes	Medium	Same broad habitat or a higher distinctiveness habitat required (≥)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lakes - Reservoirs	Lakes	Medium	Same broad habitat or a higher distinctiveness habitat required (≥)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lakes - Temporary lakes ponds and pools (H3170)	Lakes	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sparsely vegetated land - Calaminarian grasslands	Sparsely vegetated land	V.High	Same habitat required – bespoke compensation option ⚠	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sparsely vegetated land - Coastal sand dunes	Sparsely vegetated land	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sparsely vegetated land - Coastal vegetated shingle	Sparsely vegetated land	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sparsely vegetated land - Ruderal/Ephemeral	Sparsely vegetated land	Low	Same distinctiveness or better habitat required ≥	0.01	0.04	0.00	0.00	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.04
Sparsely vegetated land - Tall forbs	Sparsely vegetated land	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sparsely vegetated land - Inland rock outcrop and scree habitats	Sparsely vegetated land	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sparsely vegetated land - Limestone pavement	Sparsely vegetated land	V.High	Same habitat required – bespoke compensation option ⚠	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sparsely vegetated land - Maritime cliff and slopes	Sparsely vegetated land	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sparsely vegetated land - Other inland rock and scree	Sparsely vegetated land	Medium	Same broad habitat or a higher distinctiveness habitat required (≥)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Urban - Allotments	Urban	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Urban - Artificial unvegetated, unsealed surface	Urban	V.Low	Compensation Not Required	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00
Urban - Bioswale	Urban	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Urban - Intensive green roof	Urban	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Urban - Built linear features	Urban	V.Low	Compensation Not Required	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Urban - Cemeteries and churchyards	Urban	Medium	Same broad habitat or a higher distinctiveness habitat required (≥)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Urban - Developed land; sealed surface	Urban	V.Low	Compensation Not Required	11.97	0.00	8.09	0.00	3.88	0.00	3.53	0.00	0.00	0.00	11.62	0.00	-0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.35	0.00
Urban - Other green roof	Urban	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Urban - Facade-bound green wall	Urban	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Urban - Ground based green wall	Urban	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Urban - Ground level planters	Urban	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Urban - Biodiverse green roof	Urban	Medium	Same broad habitat or a higher distinctiveness habitat required (≥)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Urban - Introduced shrub	Urban	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Urban - Open mosaic habitats on previously developed land	Urban	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Urban - Rain garden	Urban	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Urban - Actively worked sand pit quarry or open cast mine	Urban	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Individual trees - Urban tree	Individual trees	Medium	Same broad habitat or a higher distinctiveness habitat required (≥)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Urban - Sustainable drainage system	Urban	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Urban - Unvegetated garden	Urban	V.Low	Compensation Not Required	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Urban - Vacant or derelict land	Urban	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Urban - Bare ground	Urban	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Urban - Vegetated garden	Urban	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wetland - Blanket bog	Wetland	V.High	Same habitat required – bespoke compensation option ⚠	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wetland - Depressions on peat substrates (H7150)	Wetland	V.High	Same habitat required – bespoke compensation option ⚠	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wetland - Fens (upland and lowland)	Wetland	V.High	Same habitat required – bespoke compensation option ⚠	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wetland - Lowland raised bog	Wetland	V.High	Same habitat required – bespoke compensation option ⚠	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wetland - Oceanic valley mire[1] (D2.1)	Wetland	V.High	Same habitat required – bespoke compensation option ⚠	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wetland - Purple moor grass and rush pastures	Wetland	V.High	Same habitat required – bespoke compensation option ⚠	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wetland - Reedbeds	Wetland	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wetland - Transition mires and quaking bogs (H7140)	Wetland	V.High	Same habitat required – bespoke compensation option ⚠	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Woodland and forest - Felled	Woodland and forest	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Woodland and forest - Lowland beech and yew woodland	Woodland and forest	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Woodland and forest - Lowland mixed deciduous woodland	Woodland and forest	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Woodland and forest - Native pine woodlands	Woodland and forest	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Woodland and forest - Other coniferous woodland	Woodland and forest	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Woodland and forest - Other Scot's pine woodland	Woodland and forest	Medium	Same broad habitat or a higher distinctiveness habitat required (≥)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Woodland and forest - Other woodland; broadleaved	Woodland and forest	Medium	Same broad habitat or a higher distinctiveness habitat required (≥)	0.19	1.67	0.19	1.67	0.00	0.00	0.00	0.00	0.00	0.00	0.19	1.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Woodland and forest - Other woodland; mixed	Woodland and forest	Medium	Same broad habitat or a higher distinctiveness habitat required (≥)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Woodland and forest - Upland birchwoods	Woodland and forest	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Woodland and forest - Upland mixed ashwoods	Woodland and forest	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Woodland and forest - Upland oakwood	Woodland and forest	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Woodland and forest - Wet woodland	Woodland and forest	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Woodland and forest - Wood-pasture and parkland	Woodland and forest	V.High	Same habitat required – bespoke compensation option ⚠	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Coastal lagoons - Coastal lagoons	Coastal lagoons	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rocky shore - High energy littoral rock	Rocky shore	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rocky shore - High energy littoral rock - on peat, clay or chalk	Rocky shore	V.High	Same habitat required – bespoke compensation option ⚠	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rocky shore - Moderate energy littoral rock	Rocky shore	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rocky shore - Moderate energy littoral rock - on peat, clay or chalk	Rocky shore	V.High	Same habitat required – bespoke compensation option ⚠	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rocky shore - Low energy littoral rock	Rocky shore	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rocky shore - Low energy littoral rock - on peat, clay or chalk	Rocky shore	V.High	Same habitat required – bespoke compensation option ⚠	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rocky shore - Features of littoral rock	Rocky shore	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rocky shore - Features of littoral rock - on peat, clay or chalk	Rocky shore	V.High	Same habitat required – bespoke compensation option ⚠	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Intertidal sediment - Littoral coarse sediment	Intertidal sediment	Medium	Same broad habitat or a higher distinctiveness habitat required (≥)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Intertidal sediment - Littoral mud	Intertidal sediment	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Intertidal sediment - Littoral mixed sediments	Intertidal sediment	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Coastal saltmarsh - Saltmarshes and saline reedbeds	Coastal saltmarsh	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Coastal saltmarsh - Artificial saltmarshes and saline reedbeds	Coastal saltmarsh	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Intertidal sediment - Littoral seagrass	Intertidal sediment	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Intertidal sediment - Littoral seagrass on peat, clay or chalk	Intertidal sediment	V.High	Same habitat required – bespoke compensation option ⚠	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Intertidal sediment - Littoral biogenic reefs - Mussels	Intertidal sediment	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Intertidal sediment - Littoral biogenic reefs - Sabellaria	Intertidal sediment	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Intertidal sediment - Features of littoral sediment	Intertidal sediment	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Intertidal sediment - Artificial littoral coarse sediment	Intertidal sediment	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Intertidal sediment - Artificial littoral mud	Intertidal sediment	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Intertidal sediment - Artificial littoral sand	Intertidal sediment	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Intertidal sediment - Artificial littoral muddy sand	Intertidal sediment	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Intertidal sediment - Artificial littoral mixed sediments	Intertidal sediment	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Intertidal sediment - Artificial littoral seagrass	Intertidal sediment	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Intertidal sediment - Artificial littoral biogenic reefs	Intertidal sediment	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Intertidal sediment - Littoral sand	Intertidal sediment	Medium	Same broad habitat or a higher distinctiveness habitat required (≥)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Intertidal sediment - Littoral muddy sand	Intertidal sediment	High	Same habitat required =	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Intertidal hard structures - Artificial hard structures	Intertidal hard structures	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Intertidal hard structures - Artificial features of hard structures	Intertidal hard structures	Low	Same distinctiveness or better habitat required ≥	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tertidal hard structures - Artificial hard structures with integrated greening of grey infrastructure (IGG	Intertidal hard structures	Medium	Same broad habitat or a higher distinctiveness habitat required (≥)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Watercourse footprint - Watercourse footprint	Watercourse footprint	V.Low	Compensation Not Required	0.11	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Individual trees - Rural tree	Individual trees	Medium	Same broad habitat or a higher distinctiveness habitat required (≥)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Hedgerows and lines of trees

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Hedgerow type	**Group**	**Distinctiveness**	**Trading Notes**	**Existing length baseline on-site**	**Existing units baseline on-site**	**Existing length retained on-site**	**Existing Units retained on-site**	**Existing length lost on-site**	**Existing units lost baseline on-site**	**Proposed length creation on-site post development**	**Proposed units creation on-site post development**	**Proposed length enhancement on-site post development**	**Proposed units enhancement on-site post development**	**Total proposed length on-site post development**	**Total proposed units on-site post development**	**Net length change on-site**	**Net unit change on-site**	**Existing length off-site**	**Existing units off-site**	**Retained length off-site**	**Retained units off-site**	**Proposed length creation off-site**	**Proposed units creation off-site**	**Proposed length enhancement off-site**	**Proposed units Enhancement off-site**	**Total proposed length off-site**	**Total proposed units off-site**	**Off-site net length change**	**Off-site net unit change**	**Overall length change**	**Overall unit change**
Species-rich native hedgerow with trees - associated with bank or ditch	Hedgerow	V.High	Like for like	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Species-rich native hedgerow with trees	Hedgerow	High	Like for like or better	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Species-rich native hedgerow - associated with bank or ditch	Hedgerow	High	Like for like or better	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Native hedgerow with trees - associated with bank or ditch	Hedgerow	High	Like for like or better	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Species-rich native hedgerow	Hedgerow	Medium	Same distinctiveness band or better	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Native hedgerow - associated with bank or ditch	Hedgerow	Medium	Same distinctiveness band or better	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Native hedgerow with trees	Hedgerow	Medium	Same distinctiveness band or better	0.09	0.79	0.01	0.09	0.08	0.70	0.00	0.00	0.00	0.00	0.01	0.09	-0.08	-0.70	0.00	0.00	0.00	0.00	0.13	0.79	0.00	0.00	0.13	0.79	0.13	0.79	0.05	0.09
Ecologically valuable line of trees	Hedgerow	Medium	Same distinctiveness band or better	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ecologically valuable line of trees - associated with bank or ditch	Hedgerow	Medium	Same distinctiveness band or better	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Native hedgerow	Hedgerow	Low	Same distinctiveness band or better	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Line of trees	Hedgerow	Low	Same distinctiveness band or better	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Line of trees - associated with bank or ditch	Hedgerow	Low	Same distinctiveness band or better	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Non-native and ornamental hedgerow	Hedgerow	V.Low	Same distinctiveness band or better	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Watercourses

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Watercourse type	**Group**	**Distinctiveness**	**Trading Notes**	**Existing length baseline on-site**	**Existing units baseline on-site**	**Existing length retained on-site**	**Existing Units retained on-site**	**Existing length lost on-site**	**Existing units lost baseline on-site**	**Proposed length creation on-site post development**	**Proposed units creation on-site post development**	**Proposed length enhancement on-site post development**	**Proposed units enhancement on-site post development**	**Total proposed length on-site post development**	**Total proposed units on-site post development**	**Net length change on-site**	**Net unit change on-site**	**Existing length off-site**	**Existing units off-site**	**Retained length off-site**	**Retained units off-site**	**Proposed length creation off-site**	**Proposed units creation off-site**	**Proposed length enhancement off-site**	**Proposed units Enhancement off-site**	**Total proposed length off-site**	**Total proposed units off-site**	**Off-site net length change**	**Off-site net unit change**	**Overall length change**	**Overall unit change**
Priority habitat	Watercourses	V.High	Loss Unacceptable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other rivers and streams	Watercourses	High	Avoid	0.33	4.43	0.32	4.42	0.00	0.00	0.00	0.00	0.00	0.00	0.33	4.43	0.00	0.00	0.00	0.00	0.13	1.66	0.00	0.00	0.00	0.00	0.13	1.66	0.13	1.66	0.46	6.08
Ditches	Watercourses	Medium	Avoid, Mitigate or Compensate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Canals	Watercourses	Medium	Avoid, Mitigate or Compensate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Culvert	Watercourses	Low	Mitigate or Compensate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Return to start

Risk

Habitat Description	Technical Difficulty Creation	Multiplier	Technical Difficulty Enhancement	Multiplier
Coastal lagoons - Coastal lagoons	Medium	0.67	Medium	0.67
Coastal saltmarsh - Saltmarshes and saline reedbeds	High	0.33	Medium	0.67
Cropland - Arable field margins cultivated annually	Low	1	Low	1
Cropland - Arable field margins game bird mix	Low	1	Low	1
Cropland - Arable field margins pollen and nectar	Low	1	Low	1
Cropland - Arable field margins tussocky	Low	1	Low	1
Cropland - Cereal crops	Low	1	Low	1
Cropland - Winter stubble	Low	1	Low	1
Cropland - Horticulture	Low	1	Low	1
Cropland - Intensive orchards	Low	1	Low	1
Cropland - Non-cereal crops	Low	1	Low	1
Cropland - Temporary grass and clover leys	Low	1	Low	1
Grassland - Traditional orchards	Low	1	Medium	0.67
Grassland - Bracken	Low	1	Low	1
Grassland - Floodplain wetland mosaic and CFGM	High	0.33	Medium	0.67
Grassland - Lowland calcareous grassland	High	0.33	High	0.33
Grassland - Lowland dry acid grassland	High	0.33	High	0.33
Grassland - Lowland meadows	High	0.33	Medium	0.67
Grassland - Modified grassland	Low	1	Low	1
Grassland - Other lowland acid grassland	Low	1	Low	1
Grassland - Other neutral grassland	Low	1	Low	1
Grassland - Tall herb communities (H6430)	High	0.33	High	0.33
Grassland - Upland acid grassland	Low	1	Low	1
Grassland - Upland calcareous grassland	High	0.33	High	0.33
Grassland - Upland hay meadows	High	0.33	Medium	0.67
Heathland and shrub - Blackthorn scrub	Low	1	Low	1
Heathland and shrub - Bramble scrub	Low	1	Low	1
Heathland and shrub - Gorse scrub	Low	1	Low	1
Heathland and shrub - Hawthorn scrub	Low	1	Low	1
Heathland and shrub - Hazel scrub	Medium	0.67	Low	1
Heathland and shrub - Willow scrub	Medium	0.67	Low	1
Heathland and shrub - Lowland heathland	High	0.33	Medium	0.67
Heathland and shrub - Mixed scrub	Low	1	Low	1
Heathland and shrub - Mountain heaths and willow scrub	High	0.33	High	0.33
Heathland and shrub - Rhododendron scrub	Low	1	Low	1
Heathland and shrub - Dunes with sea buckthorn (H2160)	Medium	0.67	Low	1
Heathland and shrub - Other sea buckthorn scrub	Low	1	Low	1
Heathland and shrub - Upland heathland	Medium	0.67	Medium	0.67
Intertidal sediment - Artificial littoral biogenic reefs	High	0.33	Medium	0.67
Intertidal sediment - Artificial littoral coarse sediment	Medium	0.67	Medium	0.67
Intertidal sediment - Artificial littoral mixed sediments	High	0.33	Medium	0.67
Intertidal sediment - Artificial littoral muddy sand	High	0.33	Medium	0.67
Intertidal sediment - Artificial littoral seagrass	High	0.33	High	0.33
Intertidal sediment - Features of littoral sediment	High	0.33	Medium	0.67
Intertidal sediment - Littoral biogenic reefs - Sabellaria	High	0.33	Medium	0.67
Intertidal sediment - Littoral coarse sediment	Medium	0.67	Medium	0.67
Intertidal sediment - Littoral mixed sediments	High	0.33	Medium	0.67
Intertidal sediment - Littoral mud	High	0.33	Medium	0.67
Intertidal sediment - Littoral seagrass	High	0.33	High	0.33
Intertidal sediment - Littoral seagrass on peat, clay or chalk	Very High	0.1	High	0.33
Lakes - Aquifer fed naturally fluctuating water bodies	Very High	0.1	High	0.33
Lakes - Ornamental lake or pond	Low	1	High	0.33
Lakes - High alkalinity lakes	High	0.33	High	0.33
Lakes - Low alkalinity lakes	High	0.33	Medium	0.67
Lakes - Marl lakes	High	0.33	High	0.33
Lakes - Moderate alkalinity lakes	High	0.33	High	0.33
Lakes - Peat lakes	High	0.33	High	0.33
Lakes - Ponds (non-priority habitat)	Low	1	Medium	0.67
Lakes - Ponds (priority habitat)	Medium	0.67	Medium	0.67
Lakes - Reservoirs	Medium	0.67	Medium	0.67
Lakes - Temporary lakes ponds and pools (H3170)	Medium	0.67	Medium	0.67
Rocky shore - Features of littoral rock	High	0.33	Medium	0.67
Rocky shore - Features of littoral rock - on peat, clay or chalk	Very High	0.1	Medium	0.67
Rocky shore - High energy littoral rock	High	0.33	Medium	0.67
Rocky shore - High energy littoral rock - on peat, clay or chalk	Very High	0.1	Medium	0.67
Rocky shore - Low energy littoral rock	High	0.33	Medium	0.67
Rocky shore - Low energy littoral rock - on peat, clay or chalk	Very High	0.1	Medium	0.67
Rocky shore - Moderate energy littoral rock	High	0.33	Medium	0.67
Rocky shore - Moderate energy littoral rock - on peat, clay or chalk	Very High	0.1	Medium	0.67
Sparsely vegetated land - Calaminarian grasslands	Very High	0.1	Medium	0.67
Sparsely vegetated land - Coastal sand dunes	Very High	0.1	Medium	0.67
Sparsely vegetated land - Coastal vegetated shingle	Very High	0.1	Medium	0.67
Sparsely vegetated land - Inland rock outcrop and scree habitats	High	0.33	Low	1
Sparsely vegetated land - Limestone pavement	Very High	0.1	Medium	0.67
Sparsely vegetated land - Maritime cliff and slopes	High	0.33	Medium	0.67
Sparsely vegetated land - Other inland rock and scree	Medium	0.67	Medium	0.67
Sparsely vegetated land - Ruderal/Ephemeral	Low	1	Medium	0.67
Sparsely vegetated land - Tall forbs	Low	1	Medium	0.67
Urban - Vacant or derelict land	Low	1	Low	1
Urban - Bare ground	Low	1	Low	1
Urban - Allotments	Low	1	Low	1
Urban - Artificial unvegetated, unsealed surface	Low	1	Low	1
Urban - Bioswale	Medium	0.67	Low	1

Spatial multipliers

Strategic Significance

Description	Strategic significance	Multiplier
Formally identified in local strategy	High strategic significance	1.15
Location ecologically desirable but not in local strategy	Medium strategic significance	1.1
Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1

Difficulty

Category	Value
Low	1
Medium	0.67
High	0.33
Very High	0.1

Spatial risk

Category	Multiplier
Compensation inside LPA boundary or NCA of impact site	1
Compensation outside LPA or NCA of impact site, but in neighbouring LPA or NCA	0.75
Compensation outside LPA or NCA of impact site and neighbouring LPA or NCA	0.5
This metric is being used by an off-site provider	1
Intertidal habitats - Compensation inside Marine Plan Area of impact site	1
Intertidal habitats - Compensation outside same Marine Plan Area but in neighbouring Marine Plan Area	0.75
Intertidal habitats - Compensation outside Marine Plan Area of impact site and beyond neighbouring Marine Plan Area	0.5

Individual trees

Tree size	RPA Radius (m)	RPA (ha)
Small	3.6	0.0041
Medium	7.2	0.0163
Large	10.8	0.0366
Very large	15.6	0.0765

Urban - Intensive green roof	Low	1	Low	1
Urban - Built linear features	Low	1	Low	1
Urban - Cemeteries and churchyards	Medium	0.67	Low	1
Urban - Developed land; sealed surface	Low	1	Low	1
Urban - Other green roof	Low	1	Low	1
Urban - Facade-bound green wall	Medium	0.67	Medium	0.67
Urban - Ground based green wall	Medium	0.67	Medium	0.67
Urban - Ground level planters	Low	1	Low	1
Urban - Biodiverse green roof	Medium	0.67	Medium	0.67
Urban - Introduced shrub	Low	1	Low	1
Urban - Open mosaic habitats on previously developed land	Medium	0.67	Medium	0.67
Urban - Rain garden	Low	1	Low	1
Urban - Actively worked sand pit quarry or open cast mine	Medium	0.67	Low	1
Individual trees - Urban tree	Low	1	Low	1
Urban - Sustainable drainage system	Medium	0.67	Medium	0.67
Urban - Unvegetated garden	Low	1	Low	1
Urban - Vegetated garden	Low	1	Low	1
Wetland - Blanket bog	Very High	0.1	High	0.33
Wetland - Depressions on peat substrates (H7150)	Very High	0.1	High	0.33
Wetland - Fens (upland and lowland)	High	0.33	High	0.33
Wetland - Lowland raised bog	Very High	0.1	High	0.33
Wetland - Oceanic valley mire[1] (D2.1)	Very High	0.1	High	0.33
Wetland - Purple moor grass and rush pastures	High	0.33	High	0.33
Wetland - Reedbeds	Medium	0.67	Medium	0.67
Wetland - Transition mires and quaking bogs (H7140)	Very High	0.1	High	0.33
Woodland and forest - Felled	High	0.33	Low	1
Woodland and forest - Lowland beech and yew woodland	High	0.33	High	0.33
Woodland and forest - Lowland mixed deciduous woodland	High	0.33	High	0.33
Woodland and forest - Native pine woodlands	High	0.33	High	0.33
Woodland and forest - Other coniferous woodland	Low	1	Low	1
Woodland and forest - Other Scot's pine woodland	Medium	0.67	Medium	0.67
Woodland and forest - Other woodland; broadleaved	Low	1	Low	1
Woodland and forest - Other woodland; mixed	Low	1	Low	1
Woodland and forest - Upland birchwoods	Medium	0.67	Medium	0.67
Woodland and forest - Upland mixed ashwoods	High	0.33	High	0.33
Woodland and forest - Upland oakwood	High	0.33	High	0.33
Woodland and forest - Wet woodland	Medium	0.67	Medium	0.67
Woodland and forest - Wood-pasture and parkland	Very High	0.1	High	0.33
Intertidal sediment - Littoral sand	Medium	0.67	Medium	0.67
Intertidal sediment - Littoral muddy sand	High	0.33	Medium	0.67
Intertidal hard structures - Artificial hard structures	Medium	0.67	Medium	0.67
Intertidal hard structures - Artificial features of hard structures	Medium	0.67	Medium	0.67
Intertidal hard structures - Artificial hard structures with integrated greening of grey infr	Medium	0.67	Medium	0.67
Coastal saltmarsh - Artificial saltmarshes and saline reedbeds	High	0.33	Medium	0.67
Intertidal sediment - Littoral biogenic reefs - Mussels	High	0.33	Medium	0.67
Intertidal sediment - Artificial littoral mud	High	0.33	Medium	0.67
Intertidal sediment - Artificial littoral sand	Medium	0.67	Medium	0.67
Watercourse footprint - Watercourse footprint	Low	1	Low	1
Individual trees - Rural tree	Low	1	Low	1

Return to start

Creation

Habitat Description	Good	Fairly Good	Moderate	Fairly Poor	Poor	Condition Assessment N/A	N/A - Other
Cropland - Arable field margins cultivated annually	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Cropland - Arable field margins game bird mix	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Cropland - Arable field margins pollen and nectar	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Cropland - Arable field margins tussocky	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Cropland - Cereal crops	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Cropland - Winter stubble	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Cropland - Horticulture	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Cropland - Intensive orchards	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Cropland - Non-cereal crops	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Cropland - Temporary grass and clover leys	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Grassland - Traditional orchards	30	25	20	10	5	Not Possible ▲	Not Possible ▲
Grassland - Bracken	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Grassland - Floodplain wetland mosaic and CFGM	20	15	10	8	5	Not Possible ▲	Not Possible ▲
Grassland - Lowland calcareous grassland	20	15	10	8	5	Not Possible ▲	Not Possible ▲
Grassland - Lowland dry acid grassland	30+	25	20	15	10	Not Possible ▲	Not Possible ▲
Grassland - Lowland meadows	15	12	10	8	5	Not Possible ▲	Not Possible ▲
Grassland - Modified grassland	7	5	4	2	1	Not Possible ▲	Not Possible ▲
Grassland - Other lowland acid grassland	15	12	10	5	1	Not Possible ▲	Not Possible ▲
Grassland - Other neutral grassland	10	7	5	3	2	Not Possible ▲	Not Possible ▲
Grassland - Tall herb communities (H6430)	30	25	20	15	10	Not Possible ▲	Not Possible ▲
Grassland - Upland acid grassland	15	12	10	5	1	Not Possible ▲	Not Possible ▲
Grassland - Upland calcareous grassland	25	20	15	12	10	Not Possible ▲	Not Possible ▲
Grassland - Upland hay meadows	20	18	15	12	10	Not Possible ▲	Not Possible ▲
Heathland and shrub - Blackthorn scrub	10	7	5	3	1	Not Possible ▲	Not Possible ▲
Heathland and shrub - Bramble scrub	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Heathland and shrub - Gorse scrub	10	7	5	3	1	Not Possible ▲	Not Possible ▲
Heathland and shrub - Hawthorn scrub	10	7	5	3	1	Not Possible ▲	Not Possible ▲
Heathland and shrub - Hazel scrub	15	12	10	7	5	Not Possible ▲	Not Possible ▲
Heathland and shrub - Willow scrub	15	12	10	7	5	Not Possible ▲	Not Possible ▲
Heathland and shrub - Lowland heathland	30+	25	20	15	10	Not Possible ▲	Not Possible ▲
Heathland and shrub - Mixed scrub	10	7	5	3	1	Not Possible ▲	Not Possible ▲
Heathland and shrub - Mountain heaths and willow scrub	30+	30+	25	23	15	Not Possible ▲	Not Possible ▲
Heathland and shrub - Rhododendron scrub	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Heathland and shrub - Dunes with sea buckthorn (H2160)	10	7	5	3	1	Not Possible ▲	Not Possible ▲
Heathland and shrub - Other sea buckthorn scrub	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Heathland and shrub - Upland heathland	30	25	20	15	10	Not Possible ▲	Not Possible ▲
Lakes - Aquifer fed naturally fluctuating water bodies	30	20	15	10	1	Not Possible ▲	Not Possible ▲
Lakes - High alkalinity lakes	30	20	10	7	5	Not Possible ▲	Not Possible ▲
Lakes - Low alkalinity lakes	30	20	10	7	5	Not Possible ▲	Not Possible ▲
Lakes - Marl lakes	30	20	10	7	5	Not Possible ▲	Not Possible ▲
Lakes - Moderate alkalinity lakes	30	20	10	7	5	Not Possible ▲	Not Possible ▲
Lakes - Peat lakes	30	20	10	7	5	Not Possible ▲	Not Possible ▲
Lakes - Ponds (priority habitat)	5	4	3	2	1	Not Possible ▲	Not Possible ▲
Lakes - Ponds (non-priority habitat)	5	4	3	2	1	Not Possible ▲	Not Possible ▲
Lakes - Reservoirs	10	7	5	3	1	Not Possible ▲	Not Possible ▲
Lakes - Temporary lakes ponds and pools (H3170)	5	4	3	2	1	Not Possible ▲	Not Possible ▲
Sparsely vegetated land - Calaminarian grasslands	10	7	5	3	2	Not Possible ▲	Not Possible ▲
Sparsely vegetated land - Coastal sand dunes	20	15	10	7	5	Not Possible ▲	Not Possible ▲
Sparsely vegetated land - Coastal vegetated shingle	20	15	10	7	5	Not Possible ▲	Not Possible ▲
Sparsely vegetated land - Ruderal/Ephemeral	5	4	3	2	1	Not Possible ▲	Not Possible ▲
Sparsely vegetated land - Tall forbs	5	4	3	2	1	Not Possible ▲	Not Possible ▲
Sparsely vegetated land - Inland rock outcrop and scree habitats	30+	25	20	15	10	Not Possible ▲	Not Possible ▲
Sparsely vegetated land - Limestone pavement	30+	30+	30+	30+	30+	Not Possible ▲	Not Possible ▲
Sparsely vegetated land - Maritime cliff and slopes	20	15	10	7	5	Not Possible ▲	Not Possible ▲
Sparsely vegetated land - Other inland rock and scree	20	15	10	7	5	Not Possible ▲	Not Possible ▲
Urban - Allotments	1	1	1	1	1	Not Possible ▲	Not Possible ▲
Lakes - Ornamental lake or pond	5	4	3	2	1	Not Possible ▲	Not Possible ▲
Urban - Artificial unvegetated, unsealed surface	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	0
Urban - Bioswale	3	2	1	1	1	Not Possible ▲	Not Possible ▲
Urban - Intensive green roof	5	4	3	2	1	Not Possible ▲	Not Possible ▲
Urban - Built linear features	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	0
Urban - Cemeteries and churchyards	20	17	15	12	10	Not Possible ▲	Not Possible ▲
Urban - Developed land; sealed surface	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	0
Urban - Other green roof	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Urban - Facade-bound green wall	5	4	3	2	1	Not Possible ▲	Not Possible ▲
Urban - Ground based green wall	5	4	3	2	1	Not Possible ▲	Not Possible ▲
Urban - Ground level planters	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Urban - Biodiverse green roof	10	8	5	3	1	Not Possible ▲	Not Possible ▲
Urban - Introduced shrub	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Urban - Open mosaic habitats on previously developed land	10	7	4	2	0	Not Possible ▲	Not Possible ▲
Urban - Rain garden	5	4	3	2	1	Not Possible ▲	Not Possible ▲
Urban - Actively worked sand pit quarry or open cast mine	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Individual trees - Urban tree	30+	30+	27	19	10	Not Possible ▲	Not Possible ▲
Urban - Sustainable drainage system	5	4	3	2	1	Not Possible ▲	Not Possible ▲
Urban - Unvegetated garden	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	0
Urban - Vacant or derelict land	5	4	3	2	1	Not Possible ▲	Not Possible ▲
Urban - Bare ground	5	4	3	2	1	Not Possible ▲	Not Possible ▲
Urban - Vegetated garden	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Wetland - Blanket bog	30+	30+	30+	30+	30+	Not Possible ▲	Not Possible ▲
Wetland - Depressions on peat substrates (H7150)	30+	30+	30	25	15	Not Possible ▲	Not Possible ▲
Wetland - Fens (upland and lowland)	30	25	20	15	10	Not Possible ▲	Not Possible ▲
Wetland - Lowland raised bog	30+	30+	30	20	15	Not Possible ▲	Not Possible ▲
Wetland - Oceanic valley mire[1] (D2.1)	30+	30+	30	20	15	Not Possible ▲	Not Possible ▲
Wetland - Purple moor grass and rush pastures	30	25	20	15	10	Not Possible ▲	Not Possible ▲
Wetland - Reedbeds	12	10	7	5	3	Not Possible ▲	Not Possible ▲
Wetland - Transition mires and quaking bogs (H7140)	30+	30+	30	25	15	Not Possible ▲	Not Possible ▲
Woodland and forest - Felled	30+	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲
Woodland and forest - Lowland beech and yew woodland	30+	30+	30+	25	10	Not Possible ▲	Not Possible ▲
Woodland and forest - Lowland mixed deciduous woodland	30+	30+	30+	25	10	Not Possible ▲	Not Possible ▲
Woodland and forest - Native pine woodlands	30+	30+	30+	25	10	Not Possible ▲	Not Possible ▲
Woodland and forest - Other coniferous woodland	30+	30+	30	10	5	Not Possible ▲	Not Possible ▲
Woodland and forest - Other Scot's pine woodland	30+	30+	30+	25	10	Not Possible ▲	Not Possible ▲
Woodland and forest - Other woodland; broadleaved	30+	25	15	7	5	Not Possible ▲	Not Possible ▲
Woodland and forest - Other woodland; mixed	30+	30+	30	10	5	Not Possible ▲	Not Possible ▲
Woodland and forest - Upland birchwoods	30+	30	25	20	10	Not Possible ▲	Not Possible ▲
Woodland and forest - Upland mixed ashwoods	30+	30+	30+	25	10	Not Possible ▲	Not Possible ▲
Woodland and forest - Upland oakwood	30+	30+	30+	25	10	Not Possible ▲	Not Possible ▲
Woodland and forest - Wet woodland	30+	30	15	10	5	Not Possible ▲	Not Possible ▲
Woodland and forest - Wood-pasture and parkland	30+	30+	30+	25	10	Not Possible ▲	Not Possible ▲
Coastal lagoons - Coastal lagoons	10	8	5	3	1	Not Possible ▲	Not Possible ▲
Rocky shore - High energy littoral rock	10	7	4	2	1	Not Possible ▲	Not Possible ▲
Rocky shore - High energy littoral rock - on peat, clay or chalk	30+	30+	30+	30+	30+	Not Possible ▲	Not Possible ▲
Rocky shore - Moderate energy littoral rock	13	8	4	2	1	Not Possible ▲	Not Possible ▲
Rocky shore - Moderate energy littoral rock - on peat, clay or chalk	30+	30+	30+	30+	30+	Not Possible ▲	Not Possible ▲
Rocky shore - Low energy littoral rock	15	10	5	1	1	Not Possible ▲	Not Possible ▲
Rocky shore - Low energy littoral rock - on peat, clay or chalk	30+	30+	30+	30+	30+	Not Possible ▲	Not Possible ▲
Rocky shore - Features of littoral rock	13	8	4	2	1	Not Possible ▲	Not Possible ▲
Rocky shore - Features of littoral rock - on peat, clay or chalk	30+	30+	30+	30+	30+	Not Possible ▲	Not Possible ▲
Intertidal sediment - Littoral coarse sediment	3	2	1	1	1	Not Possible ▲	Not Possible ▲
Intertidal sediment - Littoral mud	6	4	3	2	1	Not Possible ▲	Not Possible ▲
Intertidal sediment - Littoral mixed sediments	5	4	3	2	1	Not Possible ▲	Not Possible ▲
Coastal saltmarsh - Saltmarshes and saline reedbeds	15	10	7	3	1	Not Possible ▲	Not Possible ▲
Coastal saltmarsh - Artificial saltmarshes and saline reedbeds	15	10	7	3	1	Not Possible ▲	Not Possible ▲
Intertidal sediment - Littoral seagrass	20	15	10	5	2	Not Possible ▲	Not Possible ▲
Intertidal sediment - Littoral seagrass on peat, clay or chalk	30+	30+	30+	30+	30+	Not Possible ▲	Not Possible ▲
Intertidal sediment - Littoral biogenic reefs - Mussels	15	10	5	3	3	Not Possible ▲	Not Possible ▲
Intertidal sediment - Littoral biogenic reefs - Sabellaria	15	10	5	3	3	Not Possible ▲	Not Possible ▲
Intertidal sediment - Features of littoral sediment	10	7	5	3	3	Not Possible ▲	Not Possible ▲
Intertidal sediment - Artificial littoral coarse sediment	3	2	1	1	1	Not Possible ▲	Not Possible ▲
Intertidal sediment - Artificial littoral mud	6	4	3	2	1	Not Possible ▲	Not Possible ▲
Intertidal sediment - Artificial littoral sand	4	2	1	1	1	Not Possible ▲	Not Possible ▲
Intertidal sediment - Artificial littoral muddy sand	5	4	3	2	1	Not Possible ▲	Not Possible ▲
Intertidal sediment - Artificial littoral mixed sediments	5	4	3	2	1	Not Possible ▲	Not Possible ▲
Intertidal sediment - Artificial littoral seagrass	20	15	10	5	2	Not Possible ▲	Not Possible ▲
Intertidal sediment - Artificial littoral biogenic reefs	15	10	5	3	3	Not Possible ▲	Not Possible ▲
Intertidal sediment - Littoral sand	4	2	1	1	1	Not Possible ▲	Not Possible ▲
Intertidal sediment - Littoral muddy sand	5	4	3	2	1	Not Possible ▲	Not Possible ▲
Intertidal hard structures - Artificial hard structures	15	10	5	2	1	Not Possible ▲	Not Possible ▲
Intertidal hard structures - Artificial features of hard structures	13	8	4	2	1	Not Possible ▲	Not Possible ▲
Intertidal hard structures - Artificial hard structures with integrated greening of grey infrastructure (IGG	13	8	4	2	1	Not Possible ▲	Not Possible ▲
Watercourse footprint - Watercourse footprint	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	0
Individual trees - Rural tree	30+	30+	27	19	10	Not Possible ▲	Not Possible ▲

Return to start

Start condition	Lower Distinctiveness Habitat	Lower Distinctiveness Habitat	Lower Distinctiveness Habitat	Lower Distinctiveness Habitat	Lower Distinctiveness Habitat	Lower Distinctiveness Habitat	Lower Distinctiveness Habitat	Condition Assessment N/A	Condition Assessment N/A	Condition Assessment N/A	Condition Assessment N/A	Poor	Poor	Poor	Poor	Fairly Poor	Fairly Poor	Fairly Poor	Moderate	Moderate	Fairly Good	Good
Target condition	N/A - Other	Condition Assessment N/A	Poor	Fairly Poor	Moderate	Fairly Good	Good	Fairly Poor	Moderate	Fairly Good	Good	Fairly Poor	Moderate	Fairly Good	Good	Moderate	Fairly Good	Good	Fairly Good	Good	Good	Good
Habitat	**Lower Distinctiveness Habitat - N/A - Other**	**Lower Distinctiveness Habitat - Condition Assessment N/A**	**Lower Distinctiveness Habitat - Poor**	**Lower Distinctiveness Habitat - Fairly Poor**	**Lower Distinctiveness Habitat - Moderate**	**Lower Distinctiveness Habitat - Fairly Good**	**Lower Distinctiveness Habitat - Good**	**Condition Assessment N/A - Fairly Poor**	**Condition Assessment N/A - Moderate**	**Condition Assessment N/A - Fairly Good**	**Condition Assessment N/A - Good**	**Poor - Fairly Poor**	**Poor - Moderate**	**Poor - Fairly Good**	**Poor - Good**	**Fairly Poor - Moderate**	**Fairly Poor - Fairly Good**	**Fairly Poor - Good**	**Moderate - Fairly Good**	**Moderate - Good**	**Fairly Good - Good**	**Good - Good**
Cropland - Arable field margins cultivated annually	Not Possible ▲	1	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲
Cropland - Arable field margins game bird mix	Not Possible ▲	1	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲
Cropland - Arable field margins pollen and nectar	Not Possible ▲	1	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲
Cropland - Arable field margins tussocky	Not Possible ▲	1	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲
Cropland - Cereal crops	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲
Cropland - Winter stubble	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲
Cropland - Horticulture	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲
Cropland - Intensive orchards	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲
Cropland - Non-cereal crops	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲
Cropland - Temporary grass and clover leys	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲
Grassland - Traditional orchards	Not Possible ▲	Not Possible ▲	5	10	20	25	30	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	5	15	20	25	10	15	20	5	10	5	Not Possible ▲
Grassland - Bracken	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲
Grassland - Floodplain wetland mosaic and CFGM	Not Possible ▲	Not Possible ▲	5	8	10	12	15	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	8	10	12	15	2	4	7	2	4	3	Not Possible ▲
Grassland - Lowland calcareous grassland	Not Possible ▲	Not Possible ▲	10	15	20	25	30	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	5	10	15	20	5	10	15	5	10	5	Not Possible ▲
Grassland - Lowland dry acid grassland	Not Possible ▲	Not Possible ▲	10	15	20	25	30+	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	5	15	20	30+	8	15	25	10	20	10	Not Possible ▲
Grassland - Lowland meadows	Not Possible ▲	Not Possible ▲	5	8	10	12	15	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	4	8	11	15	4	8	11	4	8	4	Not Possible ▲
Grassland - Modified grassland	Not Possible ▲	Not Possible ▲	1	5	10	12	15	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	5	10	12	15	8	10	12	8	10	8	Not Possible ▲
Grassland - Other lowland acid grassland	Not Possible ▲	Not Possible ▲	1	5	10	12	15	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	5	10	12	15	8	10	12	8	10	8	Not Possible ▲
Grassland - Other neutral grassland	Not Possible ▲	Not Possible ▲	1	5	10	12	15	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	5	10	12	15	8	10	12	8	10	8	Not Possible ▲
Grassland - Tall herb communities (H6430)	Not Possible ▲	Not Possible ▲	10	15	20	25	30	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	10	20	25	30	10	10	15	5	10	5	Not Possible ▲
Grassland - Upland acid grassland	Not Possible ▲	Not Possible ▲	1	5	10	12	15	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	5	10	12	15	8	10	12	8	10	8	Not Possible ▲
Grassland - Upland calcareous grassland	Not Possible ▲	Not Possible ▲	10	12	15	20	25	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	10	15	18	20	10	15	18	10	10	10	Not Possible ▲
Grassland - Upland hay meadows	Not Possible ▲	Not Possible ▲	10	12	15	18	20	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	10	15	18	20	10	15	18	10	15	10	Not Possible ▲
Heathland and shrub - Blackthorn scrub	Not Possible ▲	Not Possible ▲	1	3	5	7	10	1	5	7	10	1	5	7	10	3	5	3	2	3	2	Not Possible ▲
Heathland and shrub - Bramble scrub	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲
Heathland and shrub - Gorse scrub	Not Possible ▲	Not Possible ▲	1	3	5	7	10	1	5	7	10	1	5	7	10	3	5	7	2	3	2	Not Possible ▲
Heathland and shrub - Hawthorn scrub	Not Possible ▲	Not Possible ▲	1	3	5	7	10	1	5	7	10	1	5	7	10	3	5	7	2	3	2	Not Possible ▲
Heathland and shrub - Hazel scrub	Not Possible ▲	Not Possible ▲	5	7	10	12	15	5	7	12	15	5	7	12	15	5	8	12	5	7	5	Not Possible ▲
Heathland and shrub - Willow scrub	Not Possible ▲	Not Possible ▲	5	7	10	12	15	5	7	12	15	5	7	12	15	5	8	12	5	7	5	Not Possible ▲
Heathland and shrub - Lowland heathland	Not Possible ▲	Not Possible ▲	10	15	20	25	30+	5	10	15	25	5	10	15	25	5	10	20	5	15	10	Not Possible ▲
Heathland and shrub - Mixed scrub	Not Possible ▲	Not Possible ▲	1	3	5	7	10	1	5	7	10	1	5	7	10	3	5	7	2	3	2	Not Possible ▲
Heathland and shrub - Mountain heaths and willow scrub	Not Possible ▲	Not Possible ▲	15	23	25	30+	30+	20	30+	30+	30+	20	30+	30+	30+	20	30+	30+	20	30+	20	Not Possible ▲
Heathland and shrub - Rhododendron scrub	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲
Heathland and shrub - Dunes with sea buckthorn (H2160)	Not Possible ▲	Not Possible ▲	5	7	10	12	15	5	7	10	12	5	7	10	12	5	7	10	5	7	5	Not Possible ▲
Heathland and shrub - Other sea buckthorn scrub	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲
Heathland and shrub - Upland heathland	Not Possible ▲	Not Possible ▲	10	15	20	25	30	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	10	20	30	30+	10	20	30	10	20	10	Not Possible ▲
Lakes - Aquifer fed naturally fluctuating water bodies	Not Possible ▲	Not Possible ▲	1	10	15	20	30	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	5	10	15	30	5	15	25	5	20	5	Not Possible ▲
Lakes - High alkalinity lakes	Not Possible ▲	Not Possible ▲	2	3	5	7	10	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	5	10	15	30	5	15	25	10	20	10	Not Possible ▲
Lakes - Low alkalinity lakes	Not Possible ▲	Not Possible ▲	5	10	15	20	30	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	5	10	15	20	5	10	15	5	10	5	Not Possible ▲
Lakes - Marl lakes	Not Possible ▲	Not Possible ▲	5	7	10	15	20	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	5	10	15	30	5	15	25	10	20	10	Not Possible ▲
Lakes - Moderate alkalinity lakes	Not Possible ▲	Not Possible ▲	5	7	10	15	20	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	5	10	15	30	5	15	25	10	20	10	Not Possible ▲
Lakes - Peat lakes	Not Possible ▲	Not Possible ▲	5	10	15	20	30	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	5	10	15	30	5	15	25	10	20	10	Not Possible ▲
Lakes - Ponds (priority habitat)	Not Possible ▲	Not Possible ▲	2	3	5	7	10	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	2	4	6	8	2	4	6	2	4	2	Not Possible ▲
Lakes - Ponds (non-priority habitat)	Not Possible ▲	Not Possible ▲	1	2	3	4	5	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	2	4	6	8	2	4	6	2	4	2	Not Possible ▲
Lakes - Reservoirs	Not Possible ▲	Not Possible ▲	1	3	5	7	10	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	5	10	15	30	5	15	25	10	20	10	Not Possible ▲
Lakes - Temporary lakes ponds and pools (H3170)	Not Possible ▲	Not Possible ▲	2	3	5	7	10	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	2	4	6	8	2	4	6	2	4	2	Not Possible ▲
Sparsely vegetated land - Calaminarian grasslands	Not Possible ▲	Not Possible ▲	2	3	5	7	10	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	3	5	8	1	4	7	2	5	3	Not Possible ▲
Sparsely vegetated land - Coastal sand dunes	Not Possible ▲	Not Possible ▲	5	7	10	15	20	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	5	8	15	20	5	10	18	7	12	8	Not Possible ▲
Sparsely vegetated land - Coastal vegetated shingle	Not Possible ▲	Not Possible ▲	5	7	10	15	20	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	5	8	15	20	5	10	18	7	12	8	Not Possible ▲
Sparsely vegetated land - Ruderal/Ephemeral	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	2	3	5	1	2	3	1	2	1	Not Possible ▲
Sparsely vegetated land - Tall forbs	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	2	3	5	1	2	3	1	2	1	Not Possible ▲
Sparsely vegetated land - Inland rock outcrop and scree habitats	Not Possible ▲	Not Possible ▲	10	15	20	25	30+	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	10	20	25	30+	15	25	27	15	20	15	Not Possible ▲
Sparsely vegetated land - Limestone pavement	Not Possible ▲	Not Possible ▲	30+	30+	30+	30+	30+	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	5	10	15	20	5	10	15	5	10	5	Not Possible ▲
Sparsely vegetated land - Maritime cliff and slopes	Not Possible ▲	Not Possible ▲	10	15	20	25	30+	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	5	8	15	20	5	10	18	7	12	8	Not Possible ▲
Sparsely vegetated land - Other inland rock and scree	Not Possible ▲	Not Possible ▲	3	5	10	15	20	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	5	10	15	20	5	10	15	5	10	5	Not Possible ▲
Urban - Allotments	Not Possible ▲	Not Possible ▲	1	1	1	1	1	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	1	1	1	1	1	1	1	1	1	Not Possible ▲
Lakes - Ornamental lake or pond	Not Possible ▲	Not Possible ▲	1	2	3	4	5	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	2	4	6	8	2	4	6	2	4	2	Not Possible ▲
Urban - Artificial unvegetated, unsealed surface	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲
Urban - Bioswale	Not Possible ▲	Not Possible ▲	1	1	1	2	3	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	2	2	3	1	2	3	2	2	2	Not Possible ▲
Urban - Intensive green roof	Not Possible ▲	Not Possible ▲	1	2	3	4	5	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	2	3	5	1	2	3	1	2	1	Not Possible ▲
Urban - Built linear features	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲
Urban - Cemeteries and churchyards	Not Possible ▲	Not Possible ▲	10	12	15	17	20	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	5	10	15	20	10	15	20	10	15	5	Not Possible ▲
Urban - Developed land; sealed surface	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲
Urban - Other green roof	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲
Urban - Facade-bound green wall	Not Possible ▲	Not Possible ▲	1	2	3	4	5	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	2	3	5	1	2	3	1	2	1	Not Possible ▲
Urban - Ground based green wall	Not Possible ▲	Not Possible ▲	1	2	3	4	5	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	2	3	5	1	2	3	1	2	1	Not Possible ▲
Urban - Ground level planters	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲
Urban - Biodiverse green roof	Not Possible ▲	Not Possible ▲	1	3	5	8	10	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	3	5	8	10	3	8	8	3	5	2	Not Possible ▲
Urban - Introduced shrub	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲
Urban - Open mosaic habitats on previously developed land	Not Possible ▲	Not Possible ▲	0	2	4	7	10	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	2	4	7	10	2	5	8	3	4	3	Not Possible ▲
Urban - Rain garden	Not Possible ▲	Not Possible ▲	1	1	1	1	1	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	1	1	1	1	1	1	1	1	1	Not Possible ▲
Urban - Actively worked sand pit quarry or open cast mine	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲
Individual trees - Urban tree	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	8	16	24	30+	8	16	24	8	16	8	Not Possible ▲
Urban - Sustainable drainage system	Not Possible ▲	Not Possible ▲	1	2	3	4	5	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	2	3	5	1	2	3	1	2	1	Not Possible ▲
Urban - Unvegetated garden	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲
Urban - Vacant or derelict land	Not Possible ▲	Not Possible ▲	1	1	1	1	1	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	1	1	1	1	1	1	1	1	1	Not Possible ▲
Urban - Bare ground	Not Possible ▲	Not Possible ▲	1	1	1	1	1	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	1	1	1	1	1	1	1	1	1	Not Possible ▲
Urban - Vegetated garden	Not Possible ▲	Not Possible ▲	1	2	3	4	5	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	2	3	5	1	2	3	1	2	1	Not Possible ▲
Wetland - Blanket bog	Not Possible ▲	Not Possible ▲	15	25	30	30+	30+	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	10	20	30+	30+	10	30+	30+	30	30+	30	Not Possible ▲
Wetland - Depressions on peat substrates (H7150)	Not Possible ▲	Not Possible ▲	15	25	30	30+	30+	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	10	20	25	30	10	20	25	10	20	10	Not Possible ▲
Wetland - Fens (upland and lowland)	Not Possible ▲	Not Possible ▲	10	12	15	25	30	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	10	12	15	18	10	12	15	10	12	10	Not Possible ▲
Wetland - Lowland raised bog	Not Possible ▲	Not Possible ▲	15	20	30	30+	30+	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	10	20	25	30	10	20	20	10	15	10	Not Possible ▲
Wetland - Oceanic valley mire[1] (D2.1)	Not Possible ▲	Not Possible ▲	15	20	30	30+	30+	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	10	20	25	30	10	20	20	10	15	10	Not Possible ▲
Wetland - Purple moor grass and rush pastures	Not Possible ▲	Not Possible ▲	10	12	15	17	20	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	10	10	15	20	10	15	20	10	15	10	Not Possible ▲
Wetland - Reedbeds	Not Possible ▲	Not Possible ▲	5	7	10	12	15	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	5	7	10	12	5	7	10	5	7	5	Not Possible ▲
Wetland - Transition mires and quaking bogs (H7140)	Not Possible ▲	Not Possible ▲	15	25	30	30+	30+	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	10	20	25	30	10	20	20	10	15	10	Not Possible ▲
Woodland and forest - Felled	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲
Woodland and forest - Lowland beech and yew woodland	Not Possible ▲	Not Possible ▲	10	25	30+	30+	30+	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	25	30+	30+	30+	30+	30+	30+	30+	30+	30+	Not Possible ▲
Woodland and forest - Lowland mixed deciduous woodland	Not Possible ▲	Not Possible ▲	10	25	30+	30+	30+	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	10	20	25	30+	10	20	25	10	20	10	Not Possible ▲
Woodland and forest - Native pine woodlands	Not Possible ▲	Not Possible ▲	25	30	30+	30+	30+	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	10	15	20	30+	15	20	25	10	15	10	Not Possible ▲
Woodland and forest - Other coniferous woodland	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	5	25	30+	30+	20	30+	30+	30+	30+	30+	Not Possible ▲
Woodland and forest - Other Scot's pine woodland	Not Possible ▲	Not Possible ▲	20	25	30+	30+	30+	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	10	15	20	30+	15	20	25	10	15	10	Not Possible ▲
Woodland and forest - Other woodland; broadleaved	Not Possible ▲	Not Possible ▲	5	10	15	20	25	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	5	10	15	20	5	10	15	5	10	5	Not Possible ▲
Woodland and forest - Other woodland; mixed	Not Possible ▲	Not Possible ▲	5	10	15	20	25	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	5	10	15	20	5	10	15	5	10	5	Not Possible ▲
Woodland and forest - Upland birchwoods	Not Possible ▲	Not Possible ▲	10	20	25	30	30+	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	10	15	20	30+	15	20	25	10	15	10	Not Possible ▲
Woodland and forest - Upland mixed ashwoods	Not Possible ▲	Not Possible ▲	10	25	30+	30+	30+	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	10	15	20	30+	15	20	25	10	15	10	Not Possible ▲
Woodland and forest - Upland oakwood	Not Possible ▲	Not Possible ▲	10	25	30+	30+	30+	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	25	30+	30+	30+	30+	30+	30+	30+	30+	30+	Not Possible ▲
Woodland and forest - Wet woodland	Not Possible ▲	Not Possible ▲	10	20	25	30	30+	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	5	10	25	30+	5	20	30+	15	30+	30	Not Possible ▲
Woodland and forest - Wood-pasture and parkland	Not Possible ▲	Not Possible ▲	10	25	30+	30+	30+	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	25	30+	30+	30+	30+	30+	30+	30+	30+	30+	Not Possible ▲
Coastal lagoons - Coastal lagoons	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	4	8	12	3	7	11	4	8	4	Not Possible ▲
Rocky shore - High energy littoral rock	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	2	4	6	10	2	4	8	2	6	4	Not Possible ▲
Rocky shore - High energy littoral rock - on peat, clay or chalk	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	2	4	6	10	2	4	8	2	6	4	Not Possible ▲
Rocky shore - Moderate energy littoral rock	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	2	4	6	11	2	4	9	2	7	5	Not Possible ▲
Rocky shore - Moderate energy littoral rock - on peat, clay or chalk	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	2	4	6	11	2	4	9	2	7	5	Not Possible ▲
Rocky shore - Low energy littoral rock	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	2	4	6	12	2	4	10	2	8	6	Not Possible ▲
Rocky shore - Low energy littoral rock - on peat, clay or chalk	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	2	4	6	12	2	4	10	2	8	6	Not Possible ▲
Rocky shore - Features of littoral rock	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	2	4	6	11	2	4	9	2	7	5	Not Possible ▲
Rocky shore - Features of littoral rock - on peat, clay or chalk	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	2	4	6	11	2	4	9	2	7	5	Not Possible ▲
Intertidal sediment - Littoral coarse sediment	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	2	3	4	1	2	3	1	2	1	Not Possible ▲
Intertidal sediment - Littoral mud	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	2	4	6	8	2	4	6	2	4	2	Not Possible ▲
Intertidal sediment - Littoral mixed sediments	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	2	3	4	1	2	3	1	2	1	Not Possible ▲

	Coastal saltmarsh - Saltmarshes and saline reedbeds	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	2	6	10	20	4	8	18	4	14	10	Not Possible ▲
	Coastal saltmarsh - Artificial saltmarshes and saline reedbeds	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	2	6	10	20	4	8	18	4	14	10	Not Possible ▲
	Intertidal sediment - Littoral seagrass	Not Possible ▲	Not Possible ▲	2	5	10	15	20	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	3	13	23	30+	10	20	30	10	20	10	Not Possible ▲
	Intertidal sediment - Littoral seagrass on peat, clay or chalk	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	3	13	23	30+	10	20	30	10	20	10	Not Possible ▲
	Intertidal sediment - Littoral biogenic reefs - Mussels	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	2	4	7	10	2	3	8	3	6	3	Not Possible ▲
	Intertidal sediment - Littoral biogenic reefs - Sabellaria	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	2	4	7	10	2	3	8	3	6	3	Not Possible ▲
	Intertidal sediment - Features of littoral sediment	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	2	3	5	1	2	4	1	3	2	Not Possible ▲
	Intertidal sediment - Artificial littoral coarse sediment	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	2	3	4	1	2	3	1	2	1	Not Possible ▲
	Intertidal sediment - Artificial littoral mud	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	2	4	6	8	2	4	6	2	4	2	Not Possible ▲
	Intertidal sediment - Artificial littoral sand	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	2	3	4	6	1	2	4	1	3	2	Not Possible ▲
	Intertidal sediment - Artificial littoral muddy sand	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	2	4	6	8	2	4	6	2	4	2	Not Possible ▲
	Intertidal sediment - Artificial littoral mixed sediments	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	2	3	4	1	2	3	1	2	1	Not Possible ▲
	Intertidal sediment - Artificial littoral seagrass	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	3	13	23	30+	10	20	30	10	20	10	Not Possible ▲
	Intertidal sediment - Artificial littoral biogenic reefs	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	2	4	7	10	2	3	8	3	6	3	Not Possible ▲
	Intertidal sediment - Littoral sand	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	2	3	4	6	1	2	4	1	3	2	Not Possible ▲
	Intertidal sediment - Littoral muddy sand	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	2	4	6	8	2	4	6	2	4	2	Not Possible ▲
	Intertidal hard structures - Artificial hard structures	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	2	4	6	12	2	4	10	2	8	6	Not Possible ▲
	Intertidal hard structures - Artificial features of hard structures	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	2	4	6	11	2	4	9	2	7	5	Not Possible ▲
	Intertidal hard structures - Artificial hard structures with integrated greening of grey infrastructure (IGGI	Not Possible ▲	Not Possible ▲	1	2	4	8	13	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	2	4	6	11	2	4	9	2	7	5	Not Possible ▲
	Watercourse footprint - Watercourse footprint	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲
	Individual trees - Rural tree	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	8	16	24	30+	8	16	24	8	16	8	Not Possible ▲

Return to start

Habitat Description	Distinctiveness		Creation - Years to Target Condition			Enhancement Through Condition - Years to Target Condition			Enhancement Through Distinctiveness - Years to Target Condition										Difficulty		Trading Rules
	Distinctiveness Category	Distinctiveness Score	Poor	Moderate	Good	Poor - Moderate	Poor - Good	Moderate - Good	Species-rich native hedgerow with trees - associated with bank or ditch	Species-rich native hedgerow with trees	Species-rich native hedgerow - associated with bank or ditch	Native hedgerow with trees - associated with bank or ditch	Native hedgerow with trees	Ecologically valuable line of trees	Ecologically valuable line of trees - associated with bank or ditch	Native hedgerow	Line of trees	Line of trees - associated with bank or ditch	Non-native and ornamental hedgerow	Technical Difficulty Creation	Technical Difficulty Enhancement	
Species-rich native hedgerow with trees - associated with bank or ditch	V.High	8	1	10	20	6	10	4	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Low	Low	Like for like
Species-rich native hedgerow with trees	High	6	1	10	20	6	10	4	5	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Low	Low	Like for like or better
Species-rich native hedgerow - associated with bank or ditch	High	6	1	5	12	3	5	2	10	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Low	Low	Like for like or better
Native hedgerow with trees - associated with bank or ditch	High	6	1	10	20	6	10	4	5	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Low	Low	Like for like or better
Species-rich native hedgerow	Medium	4	1	5	12	3	5	2	10	10	5	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Low	Low	Same distinctiveness band or better
Native hedgerow - associated with bank or ditch	Medium	4	1	5	12	3	5	2	10	Error ▲	5	10	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Low	Low	Same distinctiveness band or better
Native hedgerow with trees	Medium	4	1	10	20	6	10	4	5	5	5	5	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Low	Low	Same distinctiveness band or better
Ecologically valuable line of trees	Medium	4	5	20	30+	20	30	10	12	12	Error ▲	12	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Low	Low	Same distinctiveness band or better
Ecologically valuable line of trees - associated with bank or ditch	Medium	4	5	20	30+	20	30	10	12	Error ▲	Error ▲	12	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Low	Low	Same distinctiveness band or better
Native hedgerow	Low	2	1	5	12	3	5	2	10	10	5	10	5	6	10	Error ▲	Error ▲	Error ▲	Low	Low	Same distinctiveness band or better
Line of trees	Low	2	5	20	30+	20	30	10	12	12	Error ▲	12	Error ▲	Error ▲	12	Error ▲	Error ▲	Error ▲	Low	Low	Same distinctiveness band or better
Line of trees - associated with bank or ditch	Low	2	5	20	30+	20	30	10	12	Error ▲	Error ▲	12	Error ▲	Error ▲	Error ▲	12	Error ▲	Error ▲	Low	Low	Same distinctiveness band or better
Non-native and ornamental hedgerow	V.Low	1	1	Not possible ▲	Not possible ▲	Not possible ▲	Not possible ▲	Not possible ▲	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Error ▲	Low	Low	Same distinctiveness band or better

Condition	
Condition Category	Condition Score
Good	3
Moderate	2
Poor	1

Enhancement through Distinctiveness	Post Development Hedge Type											
Baseline Hedge Type	Species-rich native hedgerow with trees - associated with bank or ditch	Species-rich native hedgerow with trees	Species-rich native hedgerow - associated with bank or ditch	Native hedgerow with trees - associated with bank or ditch	Species-rich native hedgerow	Native hedgerow - associated with bank or ditch	Native hedgerow with trees	Ecologically valuable line of trees	Ecologically valuable line of trees - associated with bank or ditch	Native hedgerow	Line of trees	Line of trees - associated with bank or ditch	Non-native and ornamental hedgerow
Species-rich native hedgerow with trees - associated with bank or ditch	V.High - V.High	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲
Species-rich native hedgerow with trees	High - V.High	High - High	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲
Species-rich native hedgerow - associated with bank or ditch	High - V.High	Error - Enhancement not possible ▲	High - High	Error - Enhancement not possible ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲
Native hedgerow with trees - associated with bank or ditch	High - V.High	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	High - High	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲
Species-rich native hedgerow	Medium - V.High	Medium - High	Medium - High	Error - Enhancement not possible ▲	Medium - Medium	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲
Native hedgerow - associated with bank or ditch	Medium - V.High	Error - Enhancement not possible ▲	Medium - High	Medium - High	Error - Enhancement not possible ▲	Medium - Medium	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲
Native hedgerow with trees	Medium - V.High	Medium - High	Medium - High	Medium - High	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Medium - Medium	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲
Ecologically valuable line of trees	Medium - V.High	Medium - High	Error - Enhancement not possible ▲	Medium - High	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Medium - Medium	Medium - Medium	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲
Ecologically valuable line of trees - associated with bank or ditch	Medium - V.High	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Medium - High	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Medium - Medium	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲	Error Trading Down ▲
Native hedgerow	Low - V.High	Low - High	Low - High	Low - High	Low - Medium	Low - Medium	Low - Medium	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Low - Low	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Error Trading Down ▲
Line of trees	Low - V.High	Low - High	Error - Enhancement not possible ▲	Low - High	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Low - Medium	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Low - Low	Low - Low	Error Trading Down ▲
Line of trees - associated with bank or ditch	Low - V.High	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Low - High	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Low - Low	Error Trading Down ▲
Non-native and ornamental hedgerow	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	Error - Enhancement not possible ▲	V.Low - V.Low

Return to start

	Distinctiveness		Difficulty			Condition					Target Condition for All Habitats	
Habitat Description	Distinctiveness Category	Distinctiveness Score	Technical Difficulty Creation	Technical Difficulty Enhancement	Trading Rules	Good	Fairly Good	Moderate	Fairly Poor	Poor	Good	10
Priority habitat	V.High	8	High	Medium	Same habitat required – bespoke compensation option ⚠	3	2.5	2	1.5	1	Fairly Good	8
Other rivers and streams	High	6	High	Medium	Same habitat required =	3	2.5	2	1.5	1	Moderate	5
Ditches	Medium	4	Medium	Low	Same habitat required =	3	2.5	2	1.5	1	Fairly Poor	2
Canals	Medium	4	Medium	Low	Same habitat required =	3	2.5	2	1.5	1	Poor	1
Culvert	Low	2	Medium	N/A	Better distinctiveness habitat required	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1		

Enhancement - Years to Target Condition for All Habitats	
Enhancement through Distinctiveness	10

Enhancement - Years to Target Condition					
Baseline Condition	Proposed Condition				
	Poor	Fairly Poor	Moderate	Fairly Good	Good
Poor	1	2	4	6	8
Fairly Poor	N/A	1	2	4	6
Moderate	N/A	N/A	1	2	4
Fairly Good	N/A	N/A	N/A	1	2
Good	N/A	N/A	N/A	N/A	1

Encroachment	
Encroachment into Watercourse	multiplier
No Encroachment	1
Minor	0.8
Major	0.5
N/A - Culvert	0.68

Encroachment	
Riparian Encroachment for Both Banks	multiplier
Major/Major	0.75
Major/Moderate	0.8
Major/Minor	0.84
Major/No Encroachment	0.87
Moderate/ Moderate	0.85
Moderate/ Minor	0.9
Moderate/ No Encroachment	0.92
Minor/ Minor	0.95
Minor/ No Encroachment	0.98
No Encroachment/ No Encroachment	1
N/A - Culvert	1

Spatial		
Description of multiplier	Category	Strategic multiplier
Low potential/action not identified in any plan	Low Strategic Significance	1
Delivery within Local Plans	High strategic significance	1.15
Delivery within River Basin Management Plan	High strategic significance	1.15
Delivery within Catchment Plans	High strategic significance	1.15
Delivery within Catchment Planning System	High strategic significance	1.15
Delivery within Priority Habitats for Restoration	High strategic significance	1.15

Spatial		
Description of multiplier	Category	Strategic multiplier
Formally identified in local strategy	High strategic significance	1.15
Location ecologically desirable but not in local strategy	Medium strategic significance	1.1
Area/compensation not in local strategy/ no local strategy	Low Strategic Significance	1

Spatial	
Description of multiplier	Strategic multiplier
This metric is being used by an off-site provider	1
Within waterbody catchment	1
Outside waterbody catchment, but within operational catchment	0.75
Outside operational catchment	0.5

Distinctiveness categories		
Distinctiveness Category	Distinctiveness Score	Suggested Action
V.High	8	Loss Unacceptable
High	6	Avoid
Medium	4	Avoid, Mitigate or Compensate
Low	2	Mitigate or Compensate

Return to start

Habitat Description	Condition						
	Good	Fairly Good	Moderate	Fairly Poor	Poor	Condition Assessment N/A	N/A - Other
Cropland - Arable field margins cultivated annually	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Cropland - Arable field margins game bird mix	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Cropland - Arable field margins pollen and nectar	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Cropland - Arable field margins tussocky	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Cropland - Cereal crops	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Cropland - Winter stubble	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Cropland - Horticulture	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Cropland - Intensive orchards	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Cropland - Non-cereal crops	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Cropland - Temporary grass and clover leys	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Grassland - Traditional orchards	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Grassland - Bracken	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Grassland - Floodplain wetland mosaic and CFGM	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Grassland - Lowland calcareous grassland	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Grassland - Lowland dry acid grassland	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Grassland - Lowland meadows	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Grassland - Modified grassland	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Grassland - Other lowland acid grassland	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Grassland - Other neutral grassland	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Grassland - Tall herb communities (H6430)	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Grassland - Upland acid grassland	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Grassland - Upland calcareous grassland	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Grassland - Upland hay meadows	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Heathland and shrub - Blackthorn scrub	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Heathland and shrub - Bramble scrub	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Heathland and shrub - Gorse scrub	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Heathland and shrub - Hawthorn scrub	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Heathland and shrub - Hazel scrub	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Heathland and shrub - Lowland heathland	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Heathland and shrub - Mixed scrub	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Heathland and shrub - Mountain heaths and willow scrub	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Heathland and shrub - Rhododendron scrub	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Heathland and shrub - Dunes with sea buckthorn (H2160)	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Heathland and shrub - Other sea buckthorn scrub	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Heathland and shrub - Willow scrub	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Heathland and shrub - Upland heathland	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Lakes - Aquifer fed naturally fluctuating water bodies	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Lakes - High alkalinity lakes	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Lakes - Low alkalinity lakes	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Lakes - Marl lakes	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Lakes - Moderate alkalinity lakes	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Lakes - Peat lakes	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Lakes - Ponds (priority habitat)	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Lakes - Ponds (non-priority habitat)	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Lakes - Reservoirs	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Lakes - Temporary lakes ponds and pools (H3170)	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Sparsely vegetated land - Calaminarian grasslands	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Sparsely vegetated land - Coastal sand dunes	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Sparsely vegetated land - Coastal vegetated shingle	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Sparsely vegetated land - Ruderal/Ephemeral	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Sparsely vegetated land - Tall forbs	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Sparsely vegetated land - Inland rock outcrop and scree habitats	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Sparsely vegetated land - Limestone pavement	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Sparsely vegetated land - Maritime cliff and slopes	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Sparsely vegetated land - Other inland rock and scree	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Urban - Allotments	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Lakes - Ornamental lake or pond	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Urban - Artificial unvegetated, unsealed surface	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	0
Urban - Bioswale	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Urban - Intensive green roof	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Urban - Built linear features	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	0
Urban - Cemeteries and churchyards	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Urban - Developed land; sealed surface	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	0
Urban - Other green roof	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Urban - Facade-bound green wall	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Urban - Ground based green wall	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Urban - Ground level planters	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Urban - Biodiverse green roof	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Urban - Introduced shrub	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Urban - Open mosaic habitats on previously developed land	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Urban - Rain garden	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Urban - Actively worked sand pit quarry or open cast mine	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Individual trees - Urban tree	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Urban - Sustainable drainage system	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Urban - Unvegetated garden	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	0
Urban - Vacant or derelict land	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Urban - Bare ground	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Urban - Vegetated garden	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	1	Not Possible ▲
Wetland - Blanket bog	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Wetland - Depressions on peat substrates (H7150)	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Wetland - Fens (upland and lowland)	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Wetland - Lowland raised bog	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Wetland - Oceanic valley mire[1] (D2.1)	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Wetland - Purple moor grass and rush pastures	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Wetland - Reedbeds	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Wetland - Transition mires and quaking bogs (H7140)	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲

Woodland and forest - Felled	3	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲
Woodland and forest - Lowland beech and yew woodland	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Woodland and forest - Lowland mixed deciduous woodland	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Woodland and forest - Native pine woodlands	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Woodland and forest - Other coniferous woodland	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Woodland and forest - Other Scot's pine woodland	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Woodland and forest - Other woodland; broadleaved	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Woodland and forest - Other woodland; mixed	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Woodland and forest - Upland birchwoods	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Woodland and forest - Upland mixed ashwoods	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Woodland and forest - Upland oakwood	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Woodland and forest - Wet woodland	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Woodland and forest - Wood-pasture and parkland	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Coastal lagoons - Coastal lagoons	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Rocky shore - High energy littoral rock	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Rocky shore - High energy littoral rock - on peat, clay or chalk	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Rocky shore - Moderate energy littoral rock	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Rocky shore - Moderate energy littoral rock - on peat, clay or chalk	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Rocky shore - Low energy littoral rock	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Rocky shore - Low energy littoral rock - on peat, clay or chalk	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Rocky shore - Features of littoral rock	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Rocky shore - Features of littoral rock - on peat, clay or chalk	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Intertidal sediment - Littoral coarse sediment	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Intertidal sediment - Littoral mud	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Intertidal sediment - Littoral mixed sediments	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Coastal saltmarsh - Saltmarshes and saline reedbeds	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Coastal saltmarsh - Artificial saltmarshes and saline reedbeds	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Intertidal sediment - Littoral seagrass	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Intertidal sediment - Littoral seagrass on peat, clay or chalk	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Intertidal sediment - Littoral biogenic reefs - Mussels	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Intertidal sediment - Littoral biogenic reefs - Sabellaria	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Intertidal sediment - Features of littoral sediment	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Intertidal sediment - Artificial littoral coarse sediment	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Intertidal sediment - Artificial littoral mud	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Intertidal sediment - Artificial littoral sand	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Intertidal sediment - Artificial littoral muddy sand	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Intertidal sediment - Artificial littoral mixed sediments	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Intertidal sediment - Artificial littoral seagrass	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Intertidal sediment - Artificial littoral biogenic reefs	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Intertidal sediment - Littoral sand	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Intertidal sediment - Littoral muddy sand	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Intertidal hard structures - Artificial hard structures	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Intertidal hard structures - Artificial features of hard structures	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Intertidal hard structures - Artificial hard structures with integrated greening of grey infrastructure (IGG	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲
Watercourse footprint - Watercourse footprint	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	Not Possible ▲	0
Individual trees - Rural tree	3	2.5	2	1.5	1	Not Possible ▲	Not Possible ▲

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This tool is intended to be used for historic data. Any suggested translation between a phase 1 habitat and metric habitat should not be considered a rule - there may be circumstances where a more appropriate metric habitat may be chosen when ecological expertise is applied.

Phase 1 Habitat	Metric habitat	Distinctiveness band
Woodland	Woodland and forest - Other woodland; mixed	Medium
Broadleaved woodland	Woodland and forest - Other woodland; broadleaved	Medium
Semi-natural broadleaved woodland	Woodland and forest - Lowland mixed deciduous woodland	High
Plantation broadleaved woodland	Woodland and forest - Other woodland; broadleaved	Medium
Coniferous woodland	Woodland and forest - Other coniferous woodland	Low
Semi-natural coniferous woodland	Woodland and forest - Native pine woodlands	High
Plantation coniferous woodland	Woodland and forest - Other coniferous woodland	Low
Mixed woodland	Woodland and forest - Other woodland; mixed	Medium
Semi-natural mixed woodland	Woodland and forest - Lowland mixed deciduous woodland	High
Plantation mixed woodland	Woodland and forest - Other woodland; mixed	Medium
Scrub	Heathland and shrub - Mixed scrub	Medium
Dense / continuous scrub	Heathland and shrub - Mixed scrub	Medium
Scattered scrub	Heathland and shrub - Mixed scrub	Medium
Parkland / scattered trees	Woodland and forest - Wood-pasture and parkland	V.High
Broadleaved parkland / scattered trees	Woodland and forest - Wood-pasture and parkland	V.High
Coniferous parkland / scattered trees	Woodland and forest - Other coniferous woodland	Low
Mixed parkland / scattered trees	Woodland and forest - Wood-pasture and parkland	V.High
Scattered trees	Individual trees - Urban tree	Medium
Scattered trees	Individual trees - Rural tree	Medium
Recently-felled woodland	Woodland and forest - Felled	High
Broadleaved recently felled woodland	Woodland and forest - Felled	High
Coniferous recently felled woodland	Woodland and forest - Felled	High
Mixed recently felled woodland	Woodland and forest - Felled	High
Acid grassland	Grassland - Other lowland acid grassland	Medium
Acid grassland	Grassland - Upland acid grassland	Medium
Unimproved acid grassland	Grassland - Lowland dry acid grassland	V.High
Unimproved acid grassland	Grassland - Upland hay meadows	V.High
Semi-improved acid grassland (Good quality)	Grassland - Upland acid grassland	Medium
Semi-improved acid grassland (Good quality)	Grassland - Other lowland acid grassland	Medium
Semi-improved acid grassland (Poor quality)	Grassland - Modified grassland	Low
Neutral grassland	Grassland - Other neutral grassland	Medium
Unimproved neutral grassland	Grassland - Lowland meadows	V.High
Semi-improved neutral grassland (Good quality)	Grassland - Other neutral grassland	Medium
Semi-improved neutral grassland (Poor quality)	Grassland - Modified grassland	Low
Calcareous grassland	Grassland - Upland calcareous grassland	High
Calcareous grassland	Grassland - Lowland calcareous grassland	High
Unimproved calcareous grassland	Grassland - Lowland calcareous grassland	High
Unimproved calcareous grassland	Grassland - Upland calcareous grassland	High
Semi-improved calcareous grassland (Good quality)	Grassland - Upland calcareous grassland	High
Semi-improved calcareous grassland (Good quality)	Grassland - Lowland calcareous grassland	High
Semi-improved calcareous grassland (Poor quality)	Grassland - Modified grassland	Low
Improved grassland	Grassland - Modified grassland	Low
Marsh/marshy grassland	Wetland - Purple moor grass and rush pastures	V.High
Marsh/marshy grassland	Grassland - Other neutral grassland	Medium
Marsh/marshy grassland	Grassland - Modified grassland	Low
Poor semi-improved grassland	Grassland - Modified grassland	Low
Strandline vegetation coastland	Sparsely vegetated land - Coastal vegetated shingle	High
Sand dune	Sparsely vegetated land - Coastal sand dunes	High
Dune slack sand dune coastland	Sparsely vegetated land - Coastal sand dunes	High
Dune grassland sand dune coastland	Sparsely vegetated land - Coastal sand dunes	High
Dune heath sand dune coastland	Sparsely vegetated land - Coastal sand dunes	High
Dune scrub sand dune coastland	Sparsely vegetated land - Coastal sand dunes	High
Open dune sand dune coastland	Sparsely vegetated land - Coastal sand dunes	High

Maritime cliff coastland	Sparsely vegetated land - Maritime cliff and slopes	High
Hard maritime cliff coastland	Sparsely vegetated land - Maritime cliff and slopes	High
Soft maritime cliff	Sparsely vegetated land - Maritime cliff and slopes	High
Crevice/ledge vegetation	Sparsely vegetated land - Maritime cliff and slopes	High
Crevice/ledge vegetation	Grassland - Tall herb communities	High
Coastal grassland	Sparsely vegetated land - Maritime cliff and slopes	High
Coastal grassland	Grassland - Lowland meadows	V.High
Coastal grassland	Grassland - Lowland dry acid grassland	V.High
Coastal grassland	Grassland - Other lowland acid grassland	Medium
Coastal heathland	Sparsely vegetated land - Maritime cliff and slopes	High
Coastal heathland	Heathland and shrub - Lowland heathland	High
Standing open water	Lakes - Aquifer fed naturally fluctuating water bodies	V.High
Standing open water	Ditches	Medium
Standing open water	Lakes - High alkalinity lakes	High
Standing open water	Lakes - Low alkalinity lakes	High
Standing open water	Lakes - Marl lakes	High
Standing open water	Lakes - Moderate alkalinity lakes	High
Standing open water	Lakes - Peat Lakes	High
Standing open water	Lakes - Ponds (priority habitat)	High
Standing open water	Lakes - Ponds (non-priority habitat)	Medium
Standing open water	Lakes - Reservoirs	Medium
Standing open water	Lakes - Temporary lakes, ponds and pools	High
Dry dwarf shrub heath	Heathland and shrub - Lowland heathland	High
Dry dwarf shrub heath	Heathland and shrub - Upland heathland	High
Acidic dry dwarf shrub heath	Heathland and shrub - Lowland heathland	High
Acidic dry dwarf shrub heath	Heathland and shrub - Upland heathland	High
Basic dry dwarf shrub heath	Heathland and shrub - Lowland heathland	High
Basic dry dwarf shrub heath	Heathland and shrub - Upland heathland	High
Basic dry dwarf shrub heath	Heathland and shrub - Lowland heathland	High
Basic dry dwarf shrub heath	Heathland and shrub - Upland heathland	High
Wet dwarf shrub heath	Heathland and shrub - Lowland heathland	High
Wet dwarf shrub heath	Heathland and shrub - Upland heathland	High
Lichen / bryophyte heath	Heathland and shrub - Lowland heathland	High
Lichen / bryophyte heath	Heathland and shrub - Upland heathland	High
Montane heath / dwarf herb	Heathland and shrub - Mountain heaths and willow scrub	V.High
Dry heath / acidic grass mosaic	Heathland and shrub - Lowland heathland	High
Wet heath / acidic grass mosaic	Heathland and shrub - Lowland heathland	High
Dry heath / acidic grass mosaic	Heathland and shrub - Upland heathland	High
Wet heath / acidic grass mosaic	Heathland and shrub - Upland heathland	High
Bracken	Grassland - Bracken	Low
Continuous bracken	Grassland - Bracken	Low
Scattered bracken	Grassland - Bracken	Low
Other tall herb or fern (Good quality)	Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Other tall herb or fern	Grassland - Bracken	Low
Tall ruderal	Sparsely vegetated land - Ruderal/ephemeral	Low
Tall ruderal	Sparsely vegetated land - Tall forbs	Low
Non-ruderal	Sparsely vegetated land - Ruderal/ephemeral	Low
Bog	Wetland - Lowland raised bog	V.High
Sphagnum bog	Wetland - Lowland raised bog	V.High
Blanket bog	Wetland - Blanket bog	V.High
Raised bog	Wetland - Lowland raised bog	V.High
Wet modified bog	Wetland - Transition mires and quaking bogs (H7140)	V.High
Dry modified bog	Wetland - Blanket bog	V.High
Dry modified bog	Wetland - Lowland raised bog	V.High
Flush and spring	Wetland - Fens (upland and lowland)	V.High
Acid/neutral flush	Wetland - Fens (upland and lowland)	V.High
Basic flush	Wetland - Fens (upland and lowland)	V.High
Bryophyte-dominated spring	Wetland - Fens (upland and lowland)	V.High
Fen	Wetland - Fens (upland and lowland)	V.High
Valley mire	Wetland – Oceanic valley mire[1] (D2.1)	V.High
Basin mire	Wetland – Oceanic valley mire[1] (D2.1)	V.High
Floodplain mire	Wetland – Oceanic valley mire[1] (D2.1)	V.High
Bare peat	Wetland - Depressions on peat substrates (H7150)	V.High
Swamp	Wetland - Fens (upland and lowland)	V.High
Marginal and inundation	Wetland - Fens (upland and lowland)	V.High
Marginal and inundation	Wetland - Reedbeds	High
Marginal vegetation	Use the feature that it is within, i.e. River, Lake type etc.	
Inundation vegetation	Wetland - Reedbeds	High
Natural rock exposures and caves (Good quality)	Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Natural rock exposures and caves	Sparsely vegetated land - Other inland rock and scree	Medium
Inland cliff (High quality)	Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Inland cliff	Sparsely vegetated land - Other inland rock and scree	Medium
Acidic inland cliff	Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Basic inland cliff	Sparsely vegetated land - Inland rock outcrop and scree habitats	High

Scree	Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Acidic scree	Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Basic scree	Sparsely vegetated land - Inland rock outcrop and scree habitats	High
Limestone pavement	Sparsely vegetated land - Limestone pavement	V.High
Other natural rock exposure	Sparsely vegetated land - Other inland rock and scree	Medium
Other acidic natural rock exposure	Sparsely vegetated land - Other inland rock and scree	Medium
Other basic rock exposure	Sparsely vegetated land - Other inland rock and scree	Medium
Artificial rock exposures	Sparsely vegetated land - Other inland rock and scree	Medium
Artificial rock exposures	Sparsely vegetated land - Other inland rock and scree	Medium
Artificial rock exposures	Sparsely vegetated land - Other inland rock and scree	Medium
Artificial rock exposures	Sparsely vegetated land - Other inland rock and scree	Medium
Artificial rock exposures	Sparsely vegetated land - Other inland rock and scree	Medium
Artificial rock exposures	Sparsely vegetated land - Other inland rock and scree	Medium
Quarry	Urban - Active sand pit quarry or open cast mine	Low
Spoil heap	Urban - Active sand pit quarry or open cast mine	Low
Mine	Urban - Active sand pit quarry or open cast mine	Low
Refuse tip	Urban - Artificial unvegetated, unsealed surface	V.Low
Cultivated/disturbed ground	Cropland - Cereal crops	Low
Arable	Select most appropriate habitat within the 'Cropland' broad habitat type	Low
Amenity grassland	Grassland - Modified grassland	Low
Ephemeral / short perennial	Sparsely vegetated land - Ruderal/ephemeral	Low
Introduced shrub	Urban - Introduced shrub	Low
Fence	Urban - Built linear features	V.Low
Wall	Urban - Built linear features	V.Low
Built-up areas	Urban - Developed land; sealed surface	V.Low
Caravans	Urban - Developed land; sealed surface	V.Low
Sea wall (artificial materials)	Urban - Developed land; sealed surface	V.Low
Buildings	Urban - Developed land; sealed surface	V.Low
Bare ground	Urban - Vacant or derelict land	Low
Bare ground	Urban - Bare ground	Low

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